

Baffinland Iron Mines Corporation

Mary River Project

2020 QIKIQTANI INUIT ASSOCIATION AND NUNAVUT WATER BOARD
ANNUAL REPORT FOR EXPLORATION AND GEOTECHNICAL ACTIVITIES

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| Date | Rev. | Prepared By | Reviewed and Approved By |

TABLE 0: REPORT SUBMISSION SUMMARY

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| Year of Annual Report | 2020 |
| Annual Report Submission Date: | March 31, 2021 |
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2020 QIKIQTANI INUIT ASSOCIATION (QIA) AND NUNAVUT WATER BOARD (NWB) ANNUAL REPORT FOR GEOTECHNICAL ACTIVITIES

EXECUTIVE SUMMARY

This report to the Qikiqtani Inuit Association (QIA) and the Nunavut Water Board (NWB) has been prepared to summarize the 2020 exploration and geotechnical activities conducted under Baffinland Iron Mines Corporation's (Baffinland) Type 'B' Water Licence 2BE-MRY1421 (Type 'B' Water Licence) and the Commercial Lease No. Q13C301 (Commercial Lease) between the QIA and Baffinland for the Mary River Project (the Project), as well as QIA Land Use Licence QL2-2012. A separate annual report has been prepared for the QIA and NWB to summarize the 2020 Project activities and monitoring conducted under Baffinland's Type 'A' Water Licence 2AM-MRY1325 – Amendment No. 1 (Type 'A' Water Licence) and addresses the remaining annual reporting requirements set forth in the Commercial Lease. Additionally, a separate report has been prepared for the QIA and NWB to summarize the 2020 exploration activities conducted for the Ege Bay Exploration Program within the scope of Baffinland's Type 'B' Water Licence 2BE-EQE1926 and Land Use Licence QL2-1910.

The scope of the Type 'B' Water Licence focuses on exploration and geotechnical drilling activities associated with the Project, and includes provisions and conditions regarding water use, waste management, construction and operation of satellite camps, exploration and geotechnical drilling programs, spill contingency and environmental monitoring.

In response to the COVID-19 pandemic, additional precautions were applied to the 2020 exploration and geotechnical drilling programs. Baffinland implemented comprehensive safety plans and protocols to minimize the risk of COVID-19 exposure to their employees, communities, and during any social interactions. To protect communities in Nunavut from COVID-19, Baffinland requested that all Nunavummiut remain home on paid leave. With the extensive precautions and protocols in place by Baffinland, the risk of COVID-19 exposure to Nunavut communities was minimized, and the 2020 drilling and geotechnical programs were completed with minimal risk.

During 2020, activities carried out under the scope of the Type 'B' Water Licence involved continued geotechnical drilling programs and assessments to support ongoing design studies for future Project infrastructure, an exploration drilling program to increase mine pit model confidence at Deposit No. 1, further characterization of Deposit No. 3, legal surveys to convert mineral claims to mineral leases, and the continued exploration of prospects and Baffinland's mineral leases. No satellite camps were constructed or operated in 2020, with all personnel involved with the exploration and geotechnical activities being based out of the Mine Site and Milne Port accommodation camps.

Legal surveys on Inuit Owned Land parcels PI-14 and PI-15 were completed in 2020, following consultation with the QIA, the Hamlet of Pond Inlet, and the Mittimatalik Hunters and Trappers Organization (MHTO). Following the issuance of QIA Land Use Licence QL2-2012, Baffinland deployed two survey teams by helicopter to perform the boundary surveys first on mineral claims on PI-14 (August 29th – September 3rd,

2020) and PI-15 (September 4th – 22nd, 2020). The Hamlet and MHTO were provided updates, including a notice when the field program was completed. Despite the challenges presented by COVID-19, Baffinland was able to operate safely and with no contact with land users in either area. Baffinland was able to employ two Nunavummiut who were residing in southern Canada to assist with the survey work as well as other exploration work. One of these employees is in the process of securing full-time employment with Baffinland as a result of employment and field training received on this project.

Water withdrawn under the authorization of the Type 'B' Water Licence for the Project in 2020 was used solely to support exploration and geotechnical drilling operations. The daily water withdrawal limits stipulated in the Type 'B' Water Licence for the Project were not exceeded in 2020. In addition to tracking water use, environmental monitoring conducted in 2020 consisted of daily monitoring of drilling activities to ensure activities adhered to the practices outlined in the Project's Environmental Protection Plan (EPP). Reclamation works carried out under the Type 'B' Water Licence during 2020 involved the reclamation of borehole and geotechnical drilling locations associated with the 2020 exploration and geotechnical activities.

As outlined in the 2021 Work Plan, exploration activities for 2021 have not yet been finalized however it is anticipated that activities at a minimum will include mapping, sampling and geophysical and geochemical surveys of prospects and Baffinland's mineral leases, and will include exploration drilling programs on Deposit Nos. 1 and 3. It is anticipated that Baffinland will continue to conduct geotechnical assessments, including drilling programs, during 2021 to support on-going engineering design studies for future Project infrastructure. With respect to the global COVID-19 pandemic, any activities in 2021 will be carried out in a manner that ensures the health and safety of all Baffinland staff and Nunavummiut, and follows all applicable guidance from the Government of Nunavut Chief Public Health Officer. As additional details for the 2021 exploration and geotechnical programs become available, this information will be provided to the NWB, Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and the QIA prior to the commencement of activities.

RAPPORT ANNUEL 2020 DE QIKIQTANI INUIT ASSOCIATION (QIA) ET DE L'OFFICE DES EAUX DU NUNAVUT (OEN) POUR LES ACTIVITÉS D'EXPLORATION ET DE GÉOTECHNIQUE

SOMMAIRE EXÉCUTIF

Ce rapport à la Qikiqtani Inuit Association (QIA) et à l'Office des eaux du Nunavut (NWB) a été préparé pour résumer les activités d'exploration et géotechnique de 2020 menées dans le cadre du permis d'eau de type 'B' de la Baffinland Iron Mines Corporation (Baffinland) 2BE-MRY1421 (type 'B' Water Licence) et le bail commercial n ° Q13C301 (bail commercial) entre la QIA et Baffinland pour le projet Mary River (le projet), ainsi que le permis d'utilisation des terres QIA QL2-2012. Un rapport annuel distinct a été préparé pour la QIA et le NWB afin de résumer les activités et le suivi du projet 2020 menés dans le cadre du permis d'eau de type 'A' de Baffinland 2AM MRY1325 - Amendement n ° 1 (permis d'eau de type 'A') et traite du rapport annuel restant exigences énoncées dans le bail commercial. De plus, un rapport distinct a été préparé pour la QIA et l'OEN afin de résumer les activités d'exploration menées en 2020 pour le programme d'exploration Ege Bay dans le cadre du permis d'eau de type B de Baffinland 2BE-EQE1926 et du permis d'utilisation des terres QL2-1910.

La portée du permis d'eau de type 'B' se concentre sur les activités d'exploration et de forage géotechnique associées au projet, et comprend des dispositions et des conditions concernant l'utilisation de l'eau, la gestion des déchets, la construction et l'exploitation de camps satellites, les programmes d'exploration et de forage géotechnique, les risques de déversement et surveillance de l'environnement.

En réponse à la pandémie COVID-19, des précautions supplémentaires ont été appliquées aux programmes d'exploration et de forage géotechnique de 2020. Baffinland a mis en œuvre des plans et protocoles de sécurité complets pour minimiser le risque d'exposition au COVID-19 pour ses employés, ses communautés et lors de toute interaction sociale. Pour protéger les communautés du Nunavut contre le COVID-19, Baffinland a demandé que tous les Nunavummiut restent à la maison en congé payé. Grâce aux précautions et protocoles détaillés mis en place par Baffinland, le risque d'exposition au COVID-19 pour les communautés du Nunavut a été minimisé, et les programmes de forage et géotechnique de 2020 ont été menés à bien avec un risque minimal.

En 2020, les activités menées dans le cadre du permis d'utilisation de l'eau de type 'B' comprenaient la poursuite des programmes de forage géotechnique et des évaluations pour soutenir les études de conception en cours pour les futures infrastructures du projet, un programme de forage d'exploration pour accroître la confiance du modèle de la fosse minière au gisement n ° 1, caractérisation plus poussée du gisement no 3, levés légaux pour convertir les concessions minières en concessions minières et poursuite de l'exploration des prospects et des concessions minières de Baffinland. Aucun camp satellite n'a été construit ou exploité en 2020, tout le personnel impliqué dans les activités d'exploration et géotechnique étant basé sur le site minier et les camps d'hébergement du port de Milne.

Des levés légaux sur les parcelles de terres inuites PI-14 et PI-15 ont été complétés en 2020, après consultation avec l'AQI, le hameau de Pond Inlet et la Mittimatalik Hunters and Trappers Organization

(MHTO). À la suite de la délivrance du permis d'utilisation des terres QIA QL2-2012, Baffinland a déployé deux équipes d'arpentage par hélicoptère pour effectuer les levés des limites d'abord sur les claims miniers sur PI-14 (29 août - 3 septembre 2020) et PI-15 (4 - 22 septembre, 2020). Le hameau et le MHTO ont reçu des mises à jour, y compris un avis lorsque le programme sur le terrain était terminé. Malgré les défis présentés par COVID-19, Baffinland a pu fonctionner en toute sécurité et sans contact avec les utilisateurs des terres dans les deux zones. Baffinland a été en mesure d'employer deux Nunavummiut qui résidaient dans le sud du Canada pour aider aux travaux d'arpentage ainsi qu'à d'autres travaux d'exploration. L'un de ces employés est en train de trouver un emploi à temps plein à Baffinland grâce à l'emploi et à la formation sur le terrain reçue dans le cadre de ce projet.

L'eau prélevée dans le cadre de l'autorisation du permis d'eau de type 'B' pour le projet en 2020 a été utilisée uniquement pour soutenir les opérations d'exploration et de forage géotechnique. Les limites quotidiennes de prélèvement d'eau stipulées dans le permis d'utilisation d'eau de type 'B' du projet n'ont pas été dépassées en 2020. En plus du suivi de l'utilisation de l'eau, la surveillance environnementale menée en 2020 a consisté en une surveillance quotidienne des activités de forage pour s'assurer que les activités respectent les pratiques décrites dans le plan de protection de l'environnement (PPE) du projet. Les travaux de remise en état réalisés dans le cadre du permis d'eau de type 'B' en 2020 ont impliqué la remise en état des emplacements de forage et de forage géotechnique associés aux activités d'exploration et géotechnique de 2020.

Comme indiqué dans le plan de travail 2021, les activités d'exploration pour 2021 n'ont pas encore été finalisées, mais il est prévu que les activités comprendront au minimum la cartographie, l'échantillonnage et les levés géophysiques et géochimiques des prospectes et des concessions minières de Baffinland, et comprendront des programmes de forage d'exploration sur Dépôt n ° 1 et 3. Il est prévu que Baffinland continuera de mener des évaluations géotechniques, y compris des programmes de forage, en 2021 pour soutenir les études de conception technique en cours pour les futures infrastructures du projet. En ce qui concerne la pandémie mondiale de COVID-19, toute activité en 2021 sera menée de manière à assurer la santé et la sécurité de tout le personnel de Baffinland et des Nunavummiut, et suit toutes les directives applicables du directeur de la santé publique du gouvernement du Nunavut. À mesure que des détails supplémentaires sur les programmes d'exploration et géotechnique de 2021 seront disponibles, ces renseignements seront fournis à l'OEN, à Relations Couronne-Autochtones et Affaires du Nord Canada (RCAANC) et à l'AQI avant le début des activités.

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ABBREVIATIONS

| | |
|-----------------------|--|
| ASR..... | Annual Security Review |
| Baffinland | Baffinland Iron Mines Corporation |
| CIRNAC..... | Crown-Indigenous Relations and Northern Affairs Canada |
| CLS | Canada Land Survey |
| Commercial Lease..... | Commercial Lease No. Q13C301 |
| DGPS | Differential Global Positioning System |
| EPP | Environmental Protection Plan |
| MHTO..... | Mittimatalik Hunter and Trapper Organization |
| NWB..... | Nunavut Water Board |
| QIA | Qikiqtani Inuit Association |
| the Project | Mary River Project |
| WSSC | Workers' Safety and Compensation Commission |

1 INTRODUCTION

1.1 PURPOSE AND SCOPE

This report to the Qikiqtani Inuit Association (QIA) and the Nunavut Water Board (NWB) has been prepared to summarize the 2020 exploration and geotechnical drilling activities conducted under Baffinland Iron Mines Corporation's (Baffinland) Type 'B' Water Licence 2BE-MRY1421 (Type 'B' Water Licence) and the Commercial Lease No. Q13C301 (Commercial Lease) between the QIA and Baffinland for the Mary River Project (the Project), as well as QIA Land Use Licence QL2-2012. This report also addresses reporting requirements under the Crown Land Use permit for Steensby Port (N2020C0009). A separate annual report has been prepared for the QIA and NWB to summarize the 2020 Project activities and monitoring conducted under Baffinland's Type 'A' Water Licence 2AM-MRY1325 – Amendment No. 1 (Type 'A' Water Licence) and addresses the remaining annual reporting requirements set forth in the Commercial Lease. Concordance tables referencing where in this report annual reporting requirements outlined in the Commercial Lease and Type 'B' Water Licence have been met are presented in Appendix A. Additionally, a separate report has been prepared for the QIA and NWB to summarize the 2020 exploration activities conducted for the Ege Bay Exploration Program within the scope of Baffinland's Type 'B' Water Licence 2BE-EQE1926 and Land Use Licence QL2-1910.

The scope of the Type 'B' Water Licence focuses on exploration and geotechnical drilling activities and includes provisions and conditions regarding water use, waste management, construction and operation of satellite camps, exploration and geotechnical drilling programs, spill contingency and environmental monitoring. Activities and data discussed in this report are summarized and referenced in the completed NWB Annual Report Forms, included as Appendix B of this report.

Figures 1.1 and 1.2 present the locations of the key areas associated with the Project where activities in 2020 were undertaken. Key areas involved with exploration and geotechnical activities in 2020 included the Mary River Mine Site (Mine Site) and the Tote Road extending from Mine Site to Port Site.

1.2 REGULATORY FRAMEWORK

Although the key regulatory and legal documents that relate to this report are the Commercial Lease and the Type 'B' Water Licence, this report is presented in the context of other applicable regulatory authorizations and schedules for the Project. A list of the key regulatory permits, approvals and authorizations that allowed the work to be completed at the Project in 2020 is presented in Table 1.1 below.

In 2020, Baffinland submitted an application for the renewal of the Type 'B' Water Licence 2BE-MRY1421 for exploration and geotechnical drilling activities under the Mary River Exploration Project. All of the activities listed under this renewal application have been permitted in the past and are consistent with exploration and geotechnical drilling activities throughout Nunavut.

1.3 COVID-19 SUMMARY

In response to the COVID-19 pandemic, additional precautions were applied to the 2020 exploration and geotechnical drilling programs. Baffinland and its consultants implemented comprehensive safety plans and protocols to minimize the risk of COVID-19 exposure to their employees, communities, and during any social interactions. To protect communities in Nunavut from COVID-19, Baffinland requested that all Nunavummiut remain home on paid leave.

To minimize risk of exposure during travel, Baffinland chartered private flights to ferry employees and contractors to Mary River from a series of flight hubs across Canada and screened all travellers for symptoms before flying.

All consultants followed the same procedures and precautions as the rest of the Baffinland staff who travel to Mary River from across Canada. Proper hand washing, sanitizing, and mask use is being followed. Physical distancing will be maintained during travel and on site at Mary River, as per Baffinland protocols. Baffinland has implemented numerous mitigation measures to facilitate physical distancing and minimize and sanitize shared surfaces on site.

Baffinland has also implemented a COVID-19 testing facility on site to test all employees and contractors at Mary River. Additionally, the staff undergo daily health screenings to monitor for any symptoms of COVID-19; if any symptoms are experienced, these staff members did not conduct field work. If testing yields positive results or if symptoms develop while on-site, Public Health will be contacted and the employee would be immediately quarantined until medically cleared.

With the extensive precautions and protocols in place by Baffinland, the risk of COVID-19 exposure to Nunavut communities was minimized, and the 2020 drilling and geotechnical programs were completed with minimal risk.

2 EXPLORATION AND GEOTECHNICAL ACTIVITIES

2.1 EXPLORATION ACTIVITIES AND DRILLING PROGRAMS

During 2020, exploration activities were based out of the Mine Site and consisted of day trips by helicopter to prospects and Baffinland's mineral leases to conduct mapping, sampling and geophysical and geochemical surveys. No new satellite camps were constructed and/or operated to support exploration activities in 2020. Although Steensby Port was used as a refuelling location for helicopters transporting exploration field crews in 2020, the site remained closed throughout the year and was not used to house personnel.

The exploration diamond drilling program was conducted from June to August to increase mine pit model confidence at Deposit No. 1 and further characterize ore bodies at Deposit No. 3. The drilling program consisted of thirty-eight (38) boreholes; thirty (30) on Deposit No. 1 (consisting of Deposit 1 North, Deposit 1 Axial Zone, and Deposit 1 Pinnacle) and eight (8) on Deposit No. 3. Equipment used in the diamond drilling program was transported between borehole sites using helicopters, and consisted of non-skid mounted drill rigs, drill rods and other supplies. Borehole locations associated with the 2020 exploration drilling program are presented in Table 2.1 and Figure 2.1. In addition, the detailed inspection logs including the pre-inspection, daily inspection, and post inspection logs are located in Appendix E.2.

Prior to commencing exploration drilling activities, a notification was submitted to the NWB, Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and the QIA to ensure compliance with the conditions set out in the Type 'B' Water Licence and Commercial Lease. Exploration activities and drilling program were consistent with the activities proposed in Section 4.1 of the 2021 Work Plan and the notifications submitted for the respective activities. Copies of the notifications are provided in Appendix C.

2.2 GEOTECHNICAL ASSESSMENTS AND DRILLING PROGRAMS

To support on-going engineering design for Phase 2, a land-based geotechnical drilling program was conducted to characterize the geotechnical conditions along the proposed Route 3 of the North Railway. This program was conducted along the Tote Road, and boreholes were drilled beginning at KM 37.5 and ending at KM 90. The program consisted of sixteen (16) boreholes which are presented in Figure 2.1 and detailed in Table 2.1. The extended details for each borehole are located in the pre-inspection, daily inspection, and post inspection logs in Appendix E.1.

To ensure compliance with the relevant conditions outlined in the Type 'B' Water Licence and Commercial Lease, Baffinland submitted notifications to the NWB, CIRNAC and the QIA prior to commencement of activities. Copies of these notifications are provided in Appendix C of this report.

2.3 LEGAL SURVEY PROGRAM

Between July 26, 2020 and September 22, 2020, Baffinland completed a legal survey to convert mineral claims to mineral leases, including claims located on Inuit Owned Land parcels PI-14 and PI-15. The legal

survey process consists of establishing permanent marker posts at the legal boundaries of Crown Land Mineral Claims.

The survey team, using a differential global positioning system (DGPS) measurement unit, established a control point base. After establishing a control point, the survey teams walked the boundary of the mineral claims identifying the location of corner posts (erected at the four corners of the claims as staked) as well as the witness posts (posts either laying down or erected) along the boundaries of the claim. The locations of all of these posts, if found, is measured relative to the known control point and marked with a permanent metal bar hammered in to the ground and inscribed with the appropriate legal markings. If the posts are not found after 20 minutes of searching, the closest likely location is measured and permanently marked.

The plans of the survey were submitted to the Surveyor General Branch and recorded in the Canada Land Survey (CLS) Records. Once in the CLS Records, the Mining Recorders Office must also approve the plan of survey and register it against the claim to be converted to mineral lease. Baffinland had thirteen (13) such claims converted to mineral leases in 2020, including portions of mineral leases falling on IOL parcels PI-14 or PI-15.

Throughout the survey Baffinland and its contractors adhered to all COVID-19 protocols to ensure the health and safety of staff and Nunavummiut. There were no land use conflicts during the course of the survey program, nor were there any land users observed throughout the survey program. A summary of the socio-economic impact of the survey program, as requested by the community of Pond Inlet and required by the Land Use Permit is provided as Appendix F.

3 MODIFICATIONS, INFRASTRUCTURE CHANGES AND CONSTRUCTION

No modifications, infrastructure changes or construction was conducted in 2020 under the Type 'B' Water Licence or Commercial Lease to support exploration and/or geotechnical activities.

4 WATER USE

4.1 QUANTITIES OF FRESHWATER USED FOR DOMESTIC PURPOSES

During 2020, water was not withdrawn under the authorization of the Type 'B' Water Licence for domestic (camp) purposes. No satellite camps were operated to support exploration and drilling activities in 2020.

4.2 QUANTITIES OF FRESHWATER USED FOR DRILLING ACTIVITIES

During 2020, water was withdrawn under the authorization of the Type 'B' Water Licence for drilling purposes.

During the 2020 land-based geotechnical drilling program, 1,431 m³ of water was withdrawn from Camp Lake and 343 m³ from KM 32 for the purposes of drilling. Water volumes that were withdrawn were for the construction of ice roads during November. No under ice drilling was conducted at Milne Port during 2020.

During the 2020 exploration drilling program at Deposit No. 1 and 3, approximately 6,676 m³ of water was used to support exploration drilling activities. For boreholes at Deposit No. 1, water was sourced from Camp Lake via water truck and nearby water source KM 108.5 sump via water pumps. Water requirements for the drilling program at Deposit No. 3 were supplied by pumping water from one (1) location along the Mary River, referred to as MRP-3.

All water sources used to support 2020 drilling activities were identified by Baffinland as potential water sources in the drilling notifications submitted to the NWB, CIRNAC and QIA (refer to Appendix C).

Locations of the water sources used for the 2020 drilling programs are provided in Table 4.1 and are presented in Figures 2.1 and 2.2. Daily and monthly water use volumes for drilling activities by water source are detailed in Table 4.2. There were no exceedances of the daily water use limit for drilling activities (250 m³), stipulated in the Type 'B' Water Licence in 2020.

5 ENVIRONMENTAL MONITORING

5.1 ENVIRONMENTAL MONITORING FOR DRILLING/TESTING ACTIVITIES

Daily environmental monitoring, including the completion of pre, daily and post inspections, were performed at borehole locations by on-site Environment Department personnel. Protocols and mitigation measures consistent with the Project's Environmental Protection Plan (EPP; BAF-PH1-830-P16-0008) for the management of fuel, hazardous materials, and waste were employed during the 2020 drilling programs and associated activities. Copies of the environmental monitoring logs completed for the 2020 borehole locations are provided in Appendix E (refer to Table 5.1).

Areas that were drilled were initially assessed prior to the commencement of drilling, and it was determined there was no presence of archaeological sites in 2020. To minimize the potential for disturbance of cultural heritage resources and prior to drilling operations, if there was any identified archaeological sites near areas to be drilled, the proper procedure would be to stake off and the location and communicate the findings to the appropriate drilling crews, as per the Project's Cultural Heritage Resource Protection Plan (BAF-PH1-830-P16-0006).

6 WASTE MANAGEMENT

Satellite camps were not operated to support exploration and geotechnical drilling activities in 2020. Personnel associated with exploration and geotechnical drilling activities were based out of the Mary River Mine Site and Milne Port camps, operated under the Type 'A' Water Licence. As a result, the sewage, greywater and solid waste generated by the 2020 exploration and geotechnical drilling activities was captured under the Project's Type 'A' Water Licence. The reader is referred to the 2020 QIA and NWB Annual Report for Operations for additional details on sewage, greywater and waste generated and managed under the Type 'A' Water Licence.

Small amounts of drilling wastes (i.e. cuttings) generated from 2020 drilling programs were deposited in boreholes and/or sumps, as well as captured by sedimentation and erosion control measures (e.g. silt fencing) near exploration borehole locations. Table 6.1 details the approximate quantities and locations of drilling wastes deposited during the 2020 drilling programs. Locations of the sump used to support the exploration drilling program at Deposit No. 1 are presented in Figure 2.1.

7 REPORTED INCIDENTS

7.1 SPILLS

Under the Type 'B' Water Licence, there were no spills 2020 from the exploration or geotechnical drilling programs that met or exceeded the reporting thresholds outlined in the Nunavut Spill Contingency Planning and Reporting Regulations or applicable legislation.

7.2 HEALTH & SAFETY INCIDENTS

Under the Commercial Lease, no health & safety incidents were reported to the QIA and/or the Workers' Safety and Compensation Commission (WSCC) that pertained to the 2020 exploration and geotechnical activities.

8 RECLAMATION, CLOSURE AND FINANCIAL SECURITY

8.1 PROGRESSIVE AND FINAL RECLAMATION

New impacts from 2020 exploration and geotechnical activities were minimal and are summarized in Table 8.1.

Progressive and final reclamation works undertaken in 2020 are summarized in Table 8.2. As shown in Table 8.2, progressive and final reclamation works undertaken in 2020 solely consisted of reclaiming borehole locations associated with the 2020 exploration and geotechnical programs.

Following the completion of a borehole, as per Part I, Item 9 of the Type 'B' Water Licence, drilling equipment was removed and sites were restored to their natural condition. For exploration borehole locations, the borehole casing was cut off near ground surface. Anchoring rods used to secure the drill rig at the exploration borehole locations were left in place until the end of the field season, and were then cut off to near ground surface. For geotechnical borehole locations, all holes were backfilled using native material and reinstated to natural conditions. A routine inspection of 2020 boreholes will be completed during summer months of 2021.

To support exploration drilling activities at Deposit No. 1 and 3 in 2021, select supplies were secured including two (2) survival shelters and pump shack left at the MRP-3 water source location.

Available photographs of conditions before, during and after geotechnical and exploration drilling activities in 2020 are provided in Appendix D.

8.2 CURRENT RESTORATION LIABILITY

The current status of restoration liability for the Project, including exploration and drilling activities conducted under the Type 'B' Water Licence, is summarized in Table 8.3.

9 PLANS, REPORTS AND STUDIES

9.1 SUMMARY OF STUDIES REQUESTED BY THE BOARD

In 2020, studies under the Type 'B' Water Licence were not requested by the NWB.

9.2 REVISIONS TO PLANS, REPORTS AND MANUALS

An annual review of the management plans developed under the Type 'B' Water Licence was completed in 2020. The current versions of the Exploration Spill Contingency Plan (BAF-PH1-830-P16-0037; Rev. 1; January 2021) and the Exploration Closure and Reclamation Plan (BAF-PH1-830-P16-0038; Rev. 2; January 2021) reflect current operations, protocols and procedures. The reader is referred to the 2020 QIA and NWB Annual Report for Operations for a complete list of the Project's current management and monitoring plans and the recent revisions undertaken during 2020.

9.3 SUMMARY OF FUEL STORAGE

Fuel storage and refueling facilities at the Mine Site, Milne Port and Steensby Port were used to support exploration and geotechnical drilling activities in 2020.

Fuel requirements for exploration activities in 2020 consisted of Jet-A1 fuel, for on-site helicopters transporting crews and equipment to prospects, mineral leases and borehole locations, and Arctic Diesel, for drill operations and support equipment (i.e. pick-up trucks). Jet-A1 fuel requirements for exploration activities were supplied using drummed Jet-A1 fuel stored in lined containment areas at the Mine Site and Steensby Port.

Fuel requirements for the 2020 geotechnical drilling programs consisted of Arctic Diesel supplied by the Mine Site and Milne Port bulk fuel storage facilities. The drill rig and supporting equipment (Nodwell flatdeck, skidsteer) were refueled using pick-up trucks equipped with double walled portable tanks (tidy tanks).

To safeguard impacts to freshwater bodies and mitigate fuel spills, fueling activities adhered to the protocols and mitigation measures (i.e. spill trays, spill kits) outlined in Baffinland's current Environmental Protection Plan and Exploration Spill Contingency Plan (BAF-PH1-830-P16-0037).

As of December 31, 2020, there were 974 drums (205 L) of fuel (624 Arctic Diesel and 350 Jet-A1) stored at Steensby Port, 692 drums (205 L) of fuel (406 Jet-A1 and 286 gasoline) at the Mine Site and 337 drums (205 L) of fuel (gasoline) at Milne Port, and 7 drums (205 L) of fuel at Bruce head (5 diesel and 2 gasoline). No fuel was stored at the Mid-Rail camp in 2020. Drummed fuel at the Mine Site, Milne Port and Steensby Port are stored within lined secondary containment areas. End of year fuel inventories for the Mine Site and Milne Port bulk fuel storage facilities, operated under the Type 'A' Water Licence, are provided in the 2020 QIA and NWB Annual Report for Operations.

9.4 INSPECTION AND COMPLIANCE REPORTS

9.4.1 CIRNAC Inspections

During 2020, Baffinland did not receive any inspection and/or compliance reports from CIRNAC Water Resources Officers (the Inspector) outlining concerns pertaining to the scope of the Type 'B' Water Licence.

9.4.2 QIA Inspections

During 2020, the QIA conducted an inspection at the Project. There were no findings or recommendations regarding the Exploration projects in the March 2020 inspection. However, there was a follow up request by QIA from the July 2019 inspection in which BIM provided a response and update regarding QIA's concern for additional clean up and casings to be cut, removed, or covered at various boreholes. To address these concerns, further clean up measures were conducted to remove the debris observed with photos provided to QIA, as well as additional environmental inspections. To refer to the detailed responses provided for QIA's follow up request, refer to Appendix E.8.2 of the Type 'A' Annual Report.

9.5 SUMMARY OF ARTESIAN FLOWS

During the 2020 geotechnical and exploration drilling programs, artesian flows were not observed at any of the borehole locations.

9.6 SUMMARY OF GEOCHEMICAL ANALYSIS OF DRILL CORES

As of March 31, 2021, geochemical analysis of the geotechnical drill cores collected during 2020 has not been completed and is not planned at this time.

As of March 31, 2021, geochemical analysis of the drill cores collected during the exploration drilling programs at Deposit No. 1 and 3 has not been completed and is currently under review.

10 PUBLIC CONSULTATIONS

Throughout 2020, Baffinland continued to consult with the North Baffin communities and organizations regarding the Mary River Project as a whole, which includes the exploration program. Baffinland engages on a variety of topics, including ongoing construction and operational activities at the Project, the 2020 shipping season, employment from the North Baffin communities, environmental monitoring activities and results, exploration activities and future phases of the Project. However, due to COVID-19 and with the extensive precautions and protocols in place by Baffinland, the risk of COVID-19 exposure to Nunavut communities was minimized, and the majority of public consultation was completed by distance through virtual communication methods. For a complete list of consultations and meetings held with regulators, stakeholders and the public by Baffinland for the Mary River Project during 2020 refer to the 2020 QIA and NWB Annual Report for Operations.

Specific to the exploration activities in 2020, Baffinland engaged with the Government of Nunavut Chief Public Health Officer to develop plans that would ensure exploration activities outside of the Mary River camp would not result in interactions with local communities, and received prior approval to conduct of this Program. In addition, Baffinland also engaged with the QIA as well as the Hamlet of Pond Inlet and Mittimatalik Hunter and Trapper Organization (MHTO) on the issuance of the Land Use Permit to access PI-14 and PI-15 to execute the legal survey program, and to ensure awareness of the planned survey works for 2020 and to outline the appropriate COVID-19 precautions put in place. Table 10.1 outlines the specific engagement conducted in 2020 for the execution of the legal survey as part of the Exploration Program.

11 2021 EXPLORATION AND GEOTECHNICAL ACTIVITIES

The 2021 Work Plan was prepared and provided by Baffinland to relevant parties on November 6, 2020 as required under Section 6.1 of the Commercial Lease and under Part J, Item 3 of the Type 'A' Water Licence, for the purposes of an Annual Security Review (ASR) for activities undertaken on an annual basis. The 2021 Work Plan described the planned development and operation of the Project in 2021, including planned exploration and geotechnical drilling activities.

The scope of Baffinland's Type 'B' Water Licence and Commercial Lease allows for Baffinland to continue to undertake exploration activities and drilling programs at Project areas and Baffinland's mineral leases within the Qikiqtani Region of Nunavut. This includes exploration land use areas as defined in Section 2.2 of the Commercial Lease.

Exploration activities for 2021 have not yet been finalized; however, it is anticipated that activities at a minimum will include mapping, sampling and geophysical and geochemical surveys of prospects and Baffinland's mineral leases and will include additional exploration drilling programs on Deposit No. 1, 2 and 3. Notification will be provided to the NWB, CIRNAC and the QIA prior to the commencement of exploration drilling activities.

Geotechnical activities, including drilling programs, will be conducted during 2021 to support on-going engineering design studies for future Project infrastructure. Baffinland will provide notification to the NWB, CIRNAC and the QIA prior to commencement of the activities.

Operation of the Steensby and Mid Rail camps to support exploration and geotechnical activities are not anticipated to be required during 2021.

TABLES

Table 1.1: Current Approvals, Permits and Authorizations - 2020

| Permit or Licence No. | Licence Name | Status Update for 2020 | Expiry |
|---|---|---|----------------|
| Nunavut Impact Review Board | | | |
| No. 005 | Amended Project Certificate | All works and activities have been screened by the Nunavut Impact Review Board (NIRB) and have been considered in the Project Certificate amendments issued by the NIRB in May 2014 (ERP) and October 2018 (Production Increase). A NIRB Annual Report is submitted each year that summarizes the status of the Project relative to the conditions outlined in the Project Certificate. | N/A |
| Nunavut Water Board | | | |
| 2AM-MRY1325 | Type 'A' Water Licence – Amendment No. 1 | In good standing; no amendments were issued by the NWB in 2020. | 10-Jun-25 |
| 2BE-MRY1421 | Type 'B' Water Licence | In good standing; a licence renewal application was submitted to NWB in 2020. | 16-Apr-21 |
| Qikiqtani Inuit Association | | | |
| Q13C301 | Inuit Owned Land Commercial Lease | Compliance with the lease is outlined in the <i>2020 QIA and NWB Annual Reports</i> submitted by March 31 st of each year. | 31-Dec-43 |
| - | Inuit Impact and Benefit Agreement (IIBA) | Compliance with the agreement is outlined in the Annual IIBA Implementation Report submitted by March 31 st of each year. | N/A |
| QL2-2012 | Land Use Permit - Parcels PI-14 and PI-15 | New land use permit issued in 2020 to allow for a legal survey to be conducted on IOL parcels PI-14 and PI-15. Issued on August 18, 2020. | 31-Dec-20 |
| Crown Land Use Permits and Quarry Permits | | | |
| 47H16-1-2 | Foreshore Area for Milne Port Ore Dock Lease | In good standing. Amendment to the lease currently under review. | 30-Jun-35 |
| N2019Q0011 | Tote Road and Borrow Area Land Use Permit | New lease issued in 2019, replaces prior permit N2014Q0016. | 29-Jun-24 |
| N2019C0009 | Steensby Land Use Permit | New lease issued in 2019, replaces prior permit N2014C0013. | 29-Jun-24 |
| N2019J0010 | Bruce Head Land Use Permit | New lease issued in 2019, replaces prior permit N2014J0011. | 29-Jun-24 |
| Authorizations under the Fisheries Act | | | |
| 06-HCAA-CA7-0084 | Crossings along the Milne Inlet Tote Road Authorization | The authorization remains valid and has been amended over the years. A monitoring report for the water crossings was submitted to DFO on December 31, 2020. | N/A |
| NU-06-0084 | Fisheries Authorization – Tote Road | - | N/A |
| 18-HCAA-00160 | Fisheries Authorization – Freight Dock | - | N/A |
| Various Letter of Advice | Project crossings along Tote Road and at quarries, culvert extensions and replacements. | - | N/A |
| Approvals under the Navigable Waters Protection Act (Transport Canada) | | | |
| 8200-07-10273, 10267, 10269, 10268, 10274, 10272, 10266, 10271 | Construction of Watercourse Crossings (Bridges and Culverts) | In good standing, no changes from previous year. | Until complete |
| Licence under the Explosives Act | | | |
| F76068/E | Division 1 Factor Licence | Held by explosives contractor for the Project. | N/A |

Table 2.1: Exploration and Geotechnical Activities and Drilling Summary - 2020

| Location | Property Section | Description of Activity | Description of Drilling Plan | ID | Location (UTM NAD83 Zone 17W) | | Status ^f | Results |
|----------|------------------------|-------------------------|--|-----------|----------------------------------|----------|-----------------------------|--|
| | | | | | Easting | Northing | | |
| KM 75.3 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-01K | 537447 | 7919175 | Completed November 23, 2020 | Geotechnical conditions characterized. |
| KM 77.2 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-01L | 539124 | 7920248 | Completed November 24, 2020 | Geotechnical conditions characterized. |
| KM 62.6 | Tote Road ^a | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-03H | 528953 | 7926674 | Completed November 19, 2020 | Geotechnical conditions characterized. |
| KM 62.6 | Tote Road ^d | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-03I | 528965 | 7926549 | Completed November 19, 2020 | Geotechnical conditions characterized. |
| KM 37.9 | Tote Road ^d | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV01 | 521946 | 7948855 | Completed November 22, 2020 | Geotechnical conditions characterized. |
| KM 50.3 | Tote Road ^d | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV02 | 525681 | 7937371 | Completed November 21, 2020 | Geotechnical conditions characterized. |
| KM 50.4 | Tote Road ^d | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV03 | 525696 | 7937335 | Completed November 21, 2020 | Geotechnical conditions characterized. |
| KM 50.9 | Tote Road ^d | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV04 | 526461 | 7936814 | Completed November 20, 2020 | Geotechnical conditions characterized. |
| KM 78.6 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV05 | 540831 | 7921525 | Completed November 18, 2020 | Geotechnical conditions characterized. |
| KM 80.9 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV06 | 542754 | 7921684 | Completed November 17, 2020 | Geotechnical conditions characterized. |
| KM 100.1 | Mine Site ^e | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV07 | 558335 | 7914891 | Completed November 10, 2020 | Geotechnical conditions characterized. |
| KM 102.8 | Mine Site ^e | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV08 | 560722 | 7913514 | Completed November 11, 2020 | Geotechnical conditions characterized. |
| KM 102.9 | Mine Site ^e | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV09 | 560654 | 7913491 | Completed November 12, 2020 | Geotechnical conditions characterized. |
| KM 32 | Tote Road ^d | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV10 | 521939 | 7948859 | Completed November 22, 2020 | Geotechnical conditions characterized. |
| KM 90.2 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV12 | 550932 | 7917264 | Completed November 16, 2020 | Geotechnical conditions characterized. |
| KM 90 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV13 | 550942 | 7917162 | Completed November 15, 2020 | Geotechnical conditions characterized. |

Notes:

^a Crown Lands.

^b Inuit-Owned Lands - Parcel PI-16.

^c Inuit-Owned Lands - Parcel PI-17.

^d Inuit-Owned Lands - Parcel PI-19.

^e Mining Lease L-2485

^f In cases where a site's completion date is not available, the date of the site's final cleanup is provided.

Table 2.1: Exploration and Geotechnical Activities and Drilling Summary - 2020

| Location | Property Section | Description of Activity | Description of Drilling Plan | ID | Location (UTM NAD83 Zone 17W) | | Status ^f | Results |
|----------------------|------------------------|-------------------------|--|------------|----------------------------------|----------|-----------------------------|---|
| | | | | | Easting | Northing | | |
| KM 73.1 | Tote Road ^b | Land Geotechnical | Characterize geotechnical conditions along Route 3 of the North Railway. | BH20-CV15 | 535259 | 7918505 | Completed November 28, 2020 | Geotechnical conditions characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-270 | 564036 | 7915609 | Completed June 26, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-271 | 564087 | 7915589 | Completed June 28, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-272 | 564005 | 7915462 | Completed July 3, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-273 | 563950 | 7915488 | Completed July 7, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-275 | 563766 | 7915330 | Completed July 7, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-276 | 563959 | 7915484 | Completed July 17, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-277 | 563785 | 7915151 | Completed July 15, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-279 | 563785 | 7915151 | Completed July 19, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-281 | 563994 | 7915539 | Completed July 22, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-282 | 563834 | 7915128 | Completed July 24, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-284 | 563994 | 7915539 | Completed July 27, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-285 | 563825 | 7914820 | Completed July 31, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-286 | 563831 | 7915231 | Completed August 2, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-288 | 563741 | 7914694 | Completed August 7, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Axial Zone | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-289 | 563385 | 7914226 | Completed August 10, 2020 | Deposit No. 1 ore body further characterized. |

Notes:

^a Crown Lands.

^b Inuit-Owned Lands - Parcel PI-16.

^c Inuit-Owned Lands - Parcel PI-17.

^d Inuit-Owned Lands - Parcel PI-19.

^e Mining Lease L-2485

^f In cases where a site's completion date is not available, the date of the site's final cleanup is provided.

Table 2.1: Exploration and Geotechnical Activities and Drilling Summary - 2020

| Location | Property Section | Description of Activity | Description of Drilling Plan | ID | Location (UTM NAD83 Zone 17W) | | Status ^f | Results |
|----------------------|------------------------|-------------------------|------------------------------|------------|----------------------------------|----------|-----------------------------|---|
| | | | | | Easting | Northing | | |
| Deposit 1 Axial Zone | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-291 | 563389 | 7914072 | Completed August 12, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Axial Zone | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-292 | 563385 | 7914226 | Completed August 16, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Axial Zone | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-293 | 563389 | 7914072 | Completed August 13, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Axial Zone | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-294 | 563389 | 7914072 | Completed August 14, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Axial Zone | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-296 | 563389 | 7914072 | Completed August 23, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Pinnacle | Mine Site ^c | Diamond Drilling | Resource Definition | MR1-20-298 | 563110 | 7913885 | Completed August 22, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Pinnacle | Mine Site ^c | Diamond Drilling | Resource Definition | MR1-20-299 | 563118 | 7913935 | Completed August 24, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-300 | 563720 | 7914621 | Completed August 29, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 Pinnacle | Mine Site ^c | Diamond Drilling | Resource Definition | MR1-20-301 | 563118 | 7913935 | Completed August 26, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-302 | 563772 | 7914763 | Completed September 3, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-303 | 563720 | 7914621 | Completed September 2, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-304 | 563857 | 7914888 | Completed September 2, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-305 | 563857 | 7914888 | Completed September 4, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-306 | 563818 | 7915055 | Completed September 5, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 1 North | Mine Site ^c | Diamond Drilling | Infill Drilling | MR1-20-307 | 563772 | 7914763 | Completed September 5, 2020 | Deposit No. 1 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-274 | 567592 | 7913529 | Completed July 8, 2020 | Deposit No. 3 ore body further characterized. |

Notes:

^a Crown Lands.

^b Inuit-Owned Lands - Parcel PI-16.

^c Inuit-Owned Lands - Parcel PI-17.

^d Inuit-Owned Lands - Parcel PI-19.

^e Mining Lease L-2485

^f In cases where a site's completion date is not available, the date of the site's final cleanup is provided.

Table 2.1: Exploration and Geotechnical Activities and Drilling Summary - 2020

| Location | Property Section | Description of Activity | Description of Drilling Plan | ID | Location (UTM NAD83 Zone 17W) | | Status ^f | Results |
|----------------|------------------------|-------------------------|------------------------------|------------|----------------------------------|----------|---------------------------|---|
| | | | | | Easting | Northing | | |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-278 | 567592 | 7913529 | Completed July 15, 2020 | Deposit No. 3 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-280 | 567584 | 7913576 | Completed July 19, 2020 | Deposit No. 3 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-283 | 567437 | 7913548 | Completed July 30, 2020 | Deposit No. 3 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-287 | 567437 | 7913548 | Completed August 2, 2020 | Deposit No. 3 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-290 | 567031 | 7913532 | Completed August 13, 2020 | Deposit No. 3 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-295 | 567031 | 7913532 | Completed August 16, 2020 | Deposit No. 3 ore body further characterized. |
| Deposit 3 West | Mine Site ^e | Diamond Drilling | Infill Drilling | MR3-20-297 | 567031 | 7913532 | Completed August 27, 2020 | Deposit No. 3 ore body further characterized. |

Notes:

^a Crown Lands.

^b Inuit-Owned Lands - Parcel PI-16.

^c Inuit-Owned Lands - Parcel PI-17.

^d Inuit-Owned Lands - Parcel PI-19.

^e Mining Lease L-2485

^f In cases where a site's completion date is not available, the date of the site's final cleanup is provided.

Table 4.1: Annual Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source - 2020

| Property Section | Water Source ID | Water Source Location (UTM NAD83 Zone 17W) | | Annual Volume Used (m ³) ^a | Percent of Total Annual Volume Used (%) |
|------------------|--------------------|---|----------|--|--|
| | | Easting | Northing | | |
| Mine Site | Km 108 Sump | 564006 | 7915693 | 3,413 | 40.39% |
| Milne Inlet | Km 32 | 521547 | 7953735 | 343 | 4.06% |
| Mine Site | Camp Lake | 557776 | 7914723 | 1,773 | 20.98% |
| Mine Site | MRP-3 (Mary River) | 567769 | 7912761 | 2,921 | 34.57% |
| TOTAL | | | | 8,450 | 100.00% |

Notes:

^a Refer to Table 4.2 for 2020 daily and monthly water use volumes by water source.

Table 4.2: Daily and Monthly Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source - 2020

| Day | June | | July | | August | |
|----------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|
| | MRP-3 (Mary River) | KM 108.5 Sump | MRP-3 (Mary River) | KM 108.5 Sump | MRP-3 (Mary River) | KM 108.5 Sump |
| 1 | 0 | 0 | 0 | 61 | 36 | 57 |
| 2 | 0 | 0 | 0 | 69 | 61 | 29 |
| 3 | 0 | 0 | 0 | 57 | 85 | 57 |
| 4 | 0 | 0 | 67.9 | 57 | 67.9 | 0 |
| 5 | 0 | 0 | 70.8 | 62 | 67.9 | 0 |
| 6 | 0 | 0 | 101.4 | 61 | 67.9 | 0 |
| 7 | 0 | 0 | 56.8 | 87 | 67.9 | 0 |
| 8 | 0 | 0 | 89.7 | 0 | 67.9 | 0 |
| 9 | 0 | 0 | 0 | 0 | 53 | 101 |
| 10 | 0 | 0 | 67.9 | 0 | 63 | 106 |
| 11 | 0 | 0 | 68 | 57 | 80 | 105 |
| 12 | 0 | 0 | 67.9 | 54 | 61 | 57 |
| 13 | 0 | 0 | 91.2 | 55 | 67.9 | 57 |
| 14 | 0 | 0 | 93.4 | 123 | 68 | 57 |
| 15 | 0 | 0 | 69.2 | 72 | 50 | 57 |
| 16 | 0 | 0 | 0 | 57 | 30 | 33 |
| 17 | 0 | 0 | 67.9 | 45 | 68 | 32 |
| 18 | 0 | 0 | 77.4 | 36 | 68 | 51 |
| 19 | 0 | 0 | 72.7 | 36 | 68 | 35 |
| 20 | 0 | 0 | 0 | 57 | 0 | 33 |
| 21 | 0 | 0 | 0 | 36 | 0 | 33 |
| 22 | 0 | 0 | 0 | 57 | 0 | 90 |
| 23 | 0 | 57.1 | 0 | 57 | 0 | 57.1 |
| 24 | 0 | 57.1 | 0 | 57 | 67.9 | 57.1 |
| 25 | 0 | 57.1 | 0 | 0 | 68.7 | 57.1 |
| 26 | 0 | 57.1 | 14.8 | 46 | 69.3 | 55.2 |
| 27 | 0 | 57.1 | 120 | 36 | 70.1 | 1.9 |
| 28 | 0 | 0 | 67 | 30 | 0 | 33.5 |
| 29 | 0 | 57 | 57 | 49 | 0 | 57.1 |
| 30 | 0 | 75 | 58 | 83 | 0 | 49.2 |
| 31 | 0 | 0 | 67.9 | 91 | 0 | 50.4 |
| TOTAL | 0 | 418 | 1,447 | 1,587 | 1,474 | 1,409 |
| MONTHLY TOTAL | 418 | | 3,033 | | 2,883 | |

Notes:

All volumes in cubic metres (m³).

No exceedances of the daily drilling water use limit (250 m³/day) occurred in 2020.

November water volumes were used to construct ice roads for the 2020 Geotechnical Drilling Project, which occurred Nov 3rd-10th, 12th-13th and 15th-28th.

Table 4.2: Daily and Monthly Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source - 2020

| Day | September | | | November | | | |
|----------------------|--------------------|---------------|------------|--------------------|---------------|------------|--------------|
| | MRP-3 (Mary River) | KM 108.5 Sump | Camp Lake | MRP-3 (Mary River) | KM 108.5 Sump | KM32 | Camp Lake |
| 1 | 0 | 0 | 109 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 64 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 15 | 0 | 0 | 0 | 32 |
| 4 | 0 | 0 | 38 | 0 | 0 | 0 | 33 |
| 5 | 0 | 0 | 115 | 0 | 0 | 0 | 33 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 13 | 0 | 0 | 0 | 0 | 0 | 17 | 33 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 50 | 13 |
| 16 | 0 | 0 | 0 | 0 | 0 | 33 | 34 |
| 17 | 0 | 0 | 0 | 0 | 0 | 84 | 10 |
| 18 | 0 | 0 | 0 | 0 | 0 | 50 | 14 |
| 19 | 0 | 0 | 0 | 0 | 0 | 84 | 53 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 126 |
| 21 | 0 | 0 | 0 | 0 | 0 | 8 | 110 |
| 22 | 0 | 0 | 0 | 0 | 0 | 17 | 113 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 136 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 122 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 59 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 139 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| TOTAL | 0 | 0 | 342 | 0 | 0 | 343 | 1,431 |
| MONTHLY TOTAL | 342 | | | 1,774 | | | |

Notes:

All volumes in cubic metres (m³).

No exceedances of the daily drilling water use limit (250 m³/day) occurred in 2020.

November water volumes were used to construct ice roads for the 2020 Geotechnical Drilling Project, which occurred Nov 3rd-10th, 12th-13th and 15th-28th.

Table 5.1: Exploration and Geotechnical Environmental Monitoring Logs - 2020

| Location | Property Section | ID | Location (UTM NAD83 Zone 17W) | | Environmental Monitoring Logs (Pre, Daily, Post) |
|----------------------|------------------------|------------|----------------------------------|----------|---|
| | | | Easting | Northing | |
| KM 32 | Tote Road ^d | BH20-CV10 | 521939 | 7948859 | Appendix E.1.14 |
| KM 37.9 | Tote Road ^d | BH20-CV01 | 521946 | 7948855 | Appendix E.1.5 |
| KM 50.3 | Tote Road ^d | BH20-CV02 | 525681 | 7937371 | Appendix E.1.6 |
| KM 50.4 | Tote Road ^d | BH20-CV03 | 525696 | 7937335 | Appendix E.1.7 |
| KM 50.9 | Tote Road ^d | BH20-CV04 | 526461 | 7936814 | Appendix E.1.8 |
| KM 62.6 | Tote Road ^a | BH20-03H | 528953 | 7926674 | Appendix E.1.3 |
| KM 62.6 | Tote Road ^a | BH20-03I | 528965 | 7926549 | Appendix E.1.4 |
| KM 73.1 | Tote Road ^b | BH20-CV15 | 535259 | 7918505 | Appendix E.1.17 |
| KM 75.3 | Tote Road ^b | BH20-01K | 537447 | 7919175 | Appendix E.1.1 |
| KM 77.2 | Tote Road ^b | BH20-01L | 539124 | 7920248 | Appendix E.1.2 |
| KM 78.6 | Tote Road ^b | BH20-CV05 | 540831 | 7921525 | Appendix E.1.9 |
| KM 80.9 | Tote Road ^b | BH20-CV06 | 543746 | 7921687 | Appendix E.1.10 |
| KM 90 | Tote Road ^b | BH20-CV13 | 550942 | 7917162 | Appendix E.1.16 |
| KM 90.2 | Tote Road ^b | BH20-CV12 | 550932 | 7917264 | Appendix E.1.15 |
| KM 100.1 | Mine Site ^e | BH20-CV07 | 558335 | 7914891 | Appendix E.1.11 |
| KM 102.8 | Mine Site ^e | BH20-CV08 | 567022 | 7913514 | Appendix E.1.12 |
| KM 102.9 | Mine Site ^e | BH20-CV09 | 560654 | 7913491 | Appendix E.1.13 |
| Deposit 1 North | Mine Site ^c | MR1-20-270 | 564036 | 7915609 | Appendix E.2.1 |
| Deposit 1 North | Mine Site ^c | MR1-20-271 | 564087 | 7915589 | Appendix E.2.2 |
| Deposit 1 North | Mine Site ^c | MR1-20-272 | 564005 | 7915462 | Appendix E.2.3 |
| Deposit 1 North | Mine Site ^c | MR1-20-273 | 563950 | 7915488 | Appendix E.2.4 |
| Deposit 3 West | Mine Site ^e | MR3-20-274 | 567592 | 7913529 | Appendix E.2.5 |
| Deposit 1 North | Mine Site ^c | MR1-20-275 | 563766 | 7915330 | Appendix E.2.6 |
| Deposit 1 North | Mine Site ^c | MR1-20-276 | 563959 | 7915484 | Appendix E.2.7 |
| Deposit 1 North | Mine Site ^c | MR1-20-277 | 563785 | 7915151 | Appendix E.2.8 |
| Deposit 3 West | Mine Site ^e | MR3-20-278 | 567592 | 7913529 | Appendix E.2.9 |
| Deposit 1 North | Mine Site ^c | MR1-20-279 | 563785 | 7915151 | Appendix E.2.10 |
| Deposit 3 West | Mine Site ^e | MR3-20-280 | 567584 | 7913576 | Appendix E.2.11 |
| Deposit 1 North | Mine Site ^c | MR1-20-281 | 563994 | 7915539 | Appendix E.2.12 |
| Deposit 1 North | Mine Site ^c | MR1-20-282 | 563834 | 7915128 | Appendix E.2.13 |
| Deposit 3 West | Mine Site ^e | MR3-20-283 | 567437 | 7913548 | Appendix E.2.14 |
| Deposit 1 North | Mine Site ^c | MR1-20-284 | 563994 | 7915539 | Appendix E.2.15 |
| Deposit 1 North | Mine Site ^c | MR1-20-285 | 563825 | 7914820 | Appendix E.2.16 |
| Deposit 1 North | Mine Site ^c | MR1-20-286 | 563831 | 7915231 | Appendix E.2.17 |
| Deposit 3 West | Mine Site ^e | MR3-20-287 | 567437 | 7913548 | Appendix E.2.18 |
| Deposit 1 North | Mine Site ^c | MR1-20-288 | 563741 | 7914694 | Appendix E.2.19 |
| Deposit 1 Axial Zone | Mine Site ^c | MR1-20-289 | 563385 | 7914226 | Appendix E.2.20 |
| Deposit 3 West | Mine Site ^e | MR3-20-290 | 567031 | 7913532 | Appendix E.2.21 |
| Deposit 1 Axial Zone | Mine Site ^c | MR1-20-291 | 563389 | 7914072 | Appendix E.2.22 |
| Deposit 1 Axial Zone | Mine Site ^c | MR1-20-292 | 563385 | 7914226 | Appendix E.2.23 |
| Deposit 1 Axial Zone | Mine Site ^c | MR1-20-293 | 563389 | 7914072 | Appendix E.2.24 |
| Deposit 1 Axial Zone | Mine Site ^c | MR1-20-294 | 563389 | 7914072 | Appendix E.2.25 |
| Deposit 3 West | Mine Site ^e | MR3-20-295 | 567031 | 7913532 | Appendix E.2.26 |
| Deposit 1 Axial Zone | Mine Site ^c | MR1-20-296 | 563389 | 7914072 | Appendix E.2.27 |
| Deposit 3 West | Mine Site ^e | MR3-20-297 | 567031 | 7913532 | Appendix E.2.28 |
| Deposit 1 Pinnacle | Mine Site ^c | MR1-20-298 | 563110 | 7913885 | Appendix E.2.29 |
| Deposit 1 Pinnacle | Mine Site ^c | MR1-20-299 | 563118 | 7913935 | Appendix E.2.30 |
| Deposit 1 North | Mine Site ^c | MR1-20-300 | 563720 | 7914621 | Appendix E.2.31 |
| Deposit 1 Pinnacle | Mine Site ^c | MR1-20-301 | 563118 | 7913935 | Appendix E.2.32 |
| Deposit 1 North | Mine Site ^c | MR1-20-302 | 563772 | 7914763 | Appendix E.2.33 |
| Deposit 1 North | Mine Site ^c | MR1-20-303 | 563720 | 7914621 | Appendix E.2.34 |
| Deposit 1 North | Mine Site ^c | MR1-20-304 | 563857 | 7914888 | Appendix E.2.35 |
| Deposit 1 North | Mine Site ^c | MR1-20-305 | 563857 | 7914888 | Appendix E.2.36 |
| Deposit 1 North | Mine Site ^c | MR1-20-306 | 563818 | 7915055 | Appendix E.2.37 |
| Deposit 1 North | Mine Site ^c | MR1-20-307 | 563772 | 7914763 | Appendix E.2.38 |

Notes:

- ^a Crown Lands.
- ^b Inuit-Owned Lands - Parcel PI-16.
- ^c Inuit-Owned Lands - Parcel PI-17.
- ^d Inuit-Owned Lands - Parcel PI-19.
- ^e Mining Lease L-2485.

Table 6.1: Drilling Wastes Managed and Deposited on Inuit-Owned and Crown Lands - 2020^a

| ID | Property Section | Type of Drilling Waste Produced (e.g. drill cuttings, drill mud) | Waste Storage Area / Type ^b | Waste Storage Location (UTM; NAD83 Zone 17W) | | Annual Drilling Waste Deposited (m ³) ^c |
|--------------|------------------|---|---|---|----------|--|
| | | | | Easting | Northing | |
| MR1-20-270 | Deposit 1 North | Drill Cuttings | Sump | 564058 | 7915598 | 2.0 |
| MR1-20-271 | Deposit 1 North | Drill Cuttings | Sump | 564094 | 7915559 | 2.1 |
| TOTAL | | | | | | 4.10 |

Notes:

^a Other small volumes of drill cuttings were deposited within or within close proximity to land based geotechnical and exploration boreholes (refer to Table 2.1 for borehole coordinates).

^b In-Ground Sump IDs correspond to the exploration boreholes IDs that generated the deposited cuttings.

^c Approximate volumes based on visual assessment.

^d Inuit-Owned Lands - Parcel PI-17.

Table 8.1: New Impacts Related to Exploration and Geotechnical Activities on Inuit-Owned and Crown Lands - 2020

| Property Section | Land Type / Parcel ID | Description of New Impact | Impact on Financial Security |
|--|---|--|--|
| Mine Site and Tote Road (Route 3 of the North Railway) | Crown Lands, Inuit-Owned Lands - Surface and Subsurface (PI-16, PI-19), Mining Lease L-2485 | The drilling program consisted of a total of seventeen (17) boreholes. Includes boreholes: BH20-01K, BH20-01L, BH20-03H, BH20-03I, BH20-CV01, BH20-CV02, BH20-CV03, BH20-CV04, BH20-CV05, BH20-CV06, BH20-CV07, BH20-CV08, BH20-CV09, BH20-CV10, BH20-CV12, BH20-CV13 and BH20-CV15. | No impact on financial security. Boreholes backfilled and equipment removed from site following completion. No outstanding reclamation works. |
| Mine Site (Deposit Nos. 1 & 3) | Inuit-Owned Lands - Surface and Subsurface (PI-17) | The drilling program consisted of nineteen (38) boreholes; thirty (30) on Deposit No. 1 and eight (8) on Deposit No. 3. Includes boreholes: MR1-20-270, MR1-20-271, MR1-20-272, MR1-20-273, MR1-20-275, MR1-20-276, MR1-20-277, MR1-20-279, MR1-20-281, MR1-20-282, MR1-20-284, MR1-20-285, MR1-20-286, MR1-20-288, MR1-20-289, MR1-20-291, MR1-20-292, MR1-20-293, MR1-20-294, MR1-20-296, MR1-20-298, MR1-20-299, MR1-20-300, MR1-20-301, MR1-20-302, MR1-20-303, MR1-20-304, MR1-20-305, MR1-20-306, MR1-20-307, MR3-20-274, MR3-20-278, MR3-20-280, MR3-20-283, MR3-20-287, MR3-20-290, MR3-20-295 and MR3-20-297. | No impact on financial security. Boreholes backfilled or within footprint of the Deposit 1 open pit ultimate limit. All equipment removed, with the exception of survival shelters and supplies remaining at water source MRP-3. |

Table 8.2: Reclamation Works Related to Exploration and Geotechnical Activities on Inuit-Owned and Crown Lands - 2020

| Property Section | Land Type / Parcel ID | Reclamation Objectives | Reclamation Principle | Description of Reclamation Works | Regulatory Authority | Impact on Financial Security |
|--|---|--|-------------------------|---|----------------------|--|
| Mine Site and Tote Road (Route 3 of the North Railway) | Crown Lands, Inuit-Owned Lands - Surface and Subsurface (PI-16, PI-19), Mining Lease L-2485 | <ul style="list-style-type: none"> • Provide for the long term physical, biological and chemical stability of the Exploration Project areas so as to protect the public health and safety and ecosystem integrity. • Allow for productive use of the land where exploration activities are undertaken and ensures all disturbed areas are restored to a pre-disturbed state upon completion of work. • Ensure that the land is reclaimed in a manner that minimize or prevents erosion, and negates the requirement for long term maintenance and monitoring. | Progressive Reclamation | Boreholes backfilled and drilling equipment removed at seventeen (17) of the 2020 land-based geotechnical borehole locations along the proposed Route 3 of the North Railway. | CIRNAC, QIA | No impact on financial security held by the QIA or CIRNAC. No reclamation works outstanding for 2020 activities. |
| Mine Site (Deposit Nos. 1 & 3) | Inuit-Owned Lands - Surface and Subsurface (PI-17) | <ul style="list-style-type: none"> • Provide for the long term physical, biological and chemical stability of the Exploration Project areas so as to protect the public health and safety and ecosystem integrity. • Allow for productive use of the land where exploration activities are undertaken and ensures all disturbed areas are restored to a pre-disturbed state upon completion of work. • Ensure that the land is reclaimed in a manner that minimize or prevents erosion, and negates the requirement for long term maintenance and monitoring. | | Drilling equipment removed from the exploration boreholes at the Mine Site on Deposit No. 1 and 3, with the exception of survival shelters and supplies stored at water source MRP-3. | QIA | No impact on financial security held by QIA. Exploration boreholes are either situated within the disturbed active mining area limits or are within close proximity to the Mine Haul Road and active mining area, resulting in negligible costs to reclaim. Borehole casings and drill rig anchoring rods were cut to near ground surface. |

Table 8.3: Mary River Project Total Closure and Reclamation Security Summary - 2020^a

| Authorization | Liability | Securities Held on 1 Jan 2020 (Actual) (\$) | Adjustments for 2020 (Actual) ^c (\$) | Securities Held on 31 Dec 2020 (Actual) (\$) |
|--|------------------|---|---|--|
| | | | | F-D |
| Type 'A' Water Licence 2AM-MRY1325 | IOL ^b | 104,687,658 | 8,683,342 | 113,371,000 |
| | Crown | 1,448,801 | 142,199 | 1,591,000 |
| Subtotal Type 'A' Water Licence | | 106,136,459 | 8,825,541 | 114,962,000 |
| Type 'B' Water Licence 2BE-MRY1421 | IOL ^b | - | | |
| | Crown | 1,250,000 | - | 1,250,000 |
| Subtotal Type 'B' Water Licence | | 1,250,000 | - | 1,250,000 |
| GRAND TOTAL | | 107,386,000 | 8,825,541 | 116,212,000 |

Notes:

^aTotals rounded to nearest '000 in CAD.

^bAll security relating to Inuit Owned Land (IOL) held by Qikiqtani Inuit Association (QIA) under Commercial Lease No. Q13C301.

^cTotal adjustments for 2020 include the 2020 Annual Security Review, and the arbitration completed with QIA regarding the 2019 Work Plan.

Table 10.1: Engagement Activities for Legal Survey of PI-14 and PI-15 - 2020

| Date | Letter/Event/Group | Description |
|--------------------|---|--|
| July 24, 2020 | Pond Inlet – Exploration Activity Update on Crown Land | Notification delivered to Mayor Arreak, MHTO Chair Ootoovak outlining planned Legal Survey work on Crown Land. English and Inuktitut letters explaining activities and COVID-19 protocols were provided, along with a map showing planned work areas. Scheduled start date is July 26 starting with Area 1 |
| July 31, 2020 | Pond Inlet – Legal Survey Progress Update | Notification provided to Mayor Arreak and MHTO Chairperson Ootoovak that the survey crew is changing work areas. Moving from Area 2 to Area 3. |
| July 31, 2020 | Pond Inlet – MHTO Chair Inquiry | Chairperson Ootoovak enquires if there was a request to do exploration lodged with the MHTO. This inquiry was in regards to the letter sent 2020-07-04. |
| August 4, 2020 | Pond Inlet – Mayor Inquiry | Mayor Arreak informs Baffinland that he was not aware of the work proceeding on Crown Land, referencing communications received on 2020-07-31. The Mayor requests more information on the work being performed. |
| August 4, 2020 | Pond Inlet – Response to Mayor’s Request for Information | Baffinland provides a copy of the letter sent to the Mayor, MHTO Chairperson and others on 2020-07-24 describing the work being done and COVID-19 mitigation measures in place. |
| August 4, 2020 | Pond Inlet – Legal Survey Progress Update | Notification provided to Mayor Arreak and MHTO Chairperson Ootoovak that the survey crew is changing work areas. Moving from Area 3 to Area 5. |
| August 7, 2020 | Pond Inlet – Legal Survey Progress Update | Notification provided to Mayor Arreak and MHTO Chairperson Ootoovak that the survey crew is changing work areas. Moving from Area 5 to Area 4 |
| August 10, 2020 | Pond Inlet – Mayor Response | Mayor Arreak thanks Baffinland for the progress updates. |
| August 11, 2020 | Pond Inlet – Legal Survey Progress Update | Notification delivered to Mayor Arreak and Chairperson Ootoovak that work on all Crown Land survey areas is complete and all personnel and equipment are being removed from the designated work areas. |
| August 14, 2020 | Pond Inlet – PI-14 & PI-15 Legal Survey Plans | Communication to Mayor Arreak and MHTO Chairperson Ootoovak regarding potential land use on Inuit Owned Land parcels PI-14 and PI-15 for legal survey purposes pending the issuance of a QIA Land Use Licence. Letter and map of planned work areas provided. Translated letter delivered 2020-08-17 and translated map delivered 2020-08-18. |
| August 19, 2020 | Pond Inlet – MHTO Chairperson’s concerns with consultation | In relation to communication on 2020-08-04, MHTO Chairperson Ootoovak expresses concern over Baffinland’s timing of notifications for land use activities on Crown Land north of the Mary River Mine Site, indicating that other land user groups consult with the MHTO prior to conducting activities near Pond Inlet. |
| August 19, 2020 | Pond Inlet – MHTO Technical Adviser Request for clarification | Request for information regarding permits required to delineate claims on Crown Land in Nunavut and whether there was consultation opportunity as part of this process, either at present or in the past. |
| August 19, 2020 | Pond Inlet – Response to MHTO Chairperson and Technical Adviser | Outline of permits that govern the land use, captured under the broad umbrella of the Project Certificate and Type B Water Licence, both which involved public consultation. There was no opportunity for direct public dialogue this year due to COVID-19 travel restrictions. Based on regulations, land tenure type and the nature of work, no further permits or engagement for the work on Crown Land was required. |
| August 21, 2020 | Pond Inlet – MHTO Technical Advisor response | Acknowledgement of Baffinland following due process for land use activities and understanding of permitting and consultation requirements. Suggestion that in upcoming years, Baffinland engage in pre-field season information sharing with the MHTO to seek input on how planned field activities and MHTO interests may be integrated. |
| August 21, 2020 | Pond Inlet – MHTO Chairperson Comments | MHTO Chairperson indicates that the MHTO rarely approves of multi-year exploration activities. States that Baffinland can only succeed by working with Inuit on all activities, including exploration work. |
| August 21, 2020 | Pond Inlet – Response to MHTO Technical Adviser Comments | Acknowledgement that Baffinland does need to do a better job communicating Exploration field activity plans well in advance of their occurrence and to provide frequent updates. Commitment to provide a summary of activities to the Hamlet and MHTO once complete and to provide information to the Hamlet and MHTO of planned 2021 field season activities well in advance of their occurrence. |
| August 27, 2020 | Pond Inlet – PI-14 & PI-15 Legal Survey Update | Letter delivered to Mayor Arreak and MHTO Chairperson Ootoovak defining upcoming land use on Inuit Owned Land parcels PI-14 and PI-15 for legal survey purposes under the authorization of QIA Land Use Licence QL2-2012. Letter and map of planned work areas provided in English and Inuktitut. Indication that work will start on Area 2 (PI-14) on 2020-08-29. |
| August 27, 2020 | Pond Inlet – Mayor’s Acknowledgement | Mayor Arreak thanks Baffinland for the update to work plans on PI-14 and PI-15. |
| September 4, 2020 | Pond Inlet – Legal Survey Progress Update | Notification provided to Mayor Arreak and MHTO Chairperson Ootoovak that the survey crew is changing work areas. Moving from Area 2 (PI-14) to Area 1 (PI-15). |
| September 22, 2020 | Pond Inlet – Legal Survey Conclusion Update | Notification delivered to Mayor Arreak and MHTO Chairperson Ootoovak that all work has concluded on PI-14 and PI-15. Commitment to deliver summary of work in English and Inuktitut explaining the work completed, outcomes of the work and Inuit involvement in the Project, to accompany the Annual Report to be submitted on 2021-03-31. |

FIGURES



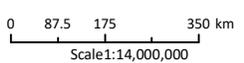
SAVED: C:\Users\katie.mcguire\Documents\4 - Maps\Reporting\1 - Annual\Type B\2019\BIM_Fig 1.1 Project Location.mxd; 29-Mar-20

- LEGEND**
- ⊙ Project Facility Location
 - North Baffin Planning Region
 - - - Nunavut Settlement Area
 - Qikiqtani Region

ᓄᓐᓂᓐ ᓂᓐᓂᓐᓂᓐᓂᓐᓂᓐ MARY RIVER PROJECT

Baffinland Iron Mines Project Location

Projection: NAD 1983 STATISTICS CANADA LAMBERT.
 Base Map: © Queen's Printer for Ontario, 2020



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FIGURE 1.1

APPENDIX A
CONCORDANCE TABLES

Table 1: Concordance Table Type 'B' Water Licence 2BE-MRY1421

| Type B Water Licence 2BE-MRY1421 | | 2020 QIA and NWB Annual Report for Exploration and Geotechnical Activities | |
|--|---|--|--|
| Condition No. | Condition | Report Reference / Response | |
| Part B. General Conditions – The Annual Report referred to in Part B, Item 6 shall include: | | | |
| 6 | The Licensee shall file with the Board no later than March 31st of the year following the calendar year being reported, an Annual Report on the appurtenant undertaking, which shall contain the following information: | See below | Baffinland submitted Annual Report March 31, 2021 |
| i | The monthly and annual volumes, in cubic metres, of freshwater used for all purposes under the Licence and obtained from sources located on, in or flowing through Crown Lands; | Section 4 Table 4.1 Table 4.2 | Water Use Annual Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source Daily and Monthly Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source |
| ii | The monthly and annual volumes, in cubic metres, of freshwater used for all purposes under the Licence and obtained from sources located on, in or flowing through Inuit-owned lands; | Section 4 Table 4.1 Table 4.2 | Water Use Annual Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source Daily and Monthly Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source |
| iii | A summary, including photographic records before, during and after any relevant construction activities or modifications and/or major maintenance work carried out on facilities under this Licence and an outline of any work anticipated for the next year; | Section 3 | Modifications, Infrastructure Changes and Construction |
| iv | The geochemical analysis of drill cores as per Part F, Item 3; | Section 9.6 | Summary of Geochemical Analysis of Drill Cores |
| v | Detailed discussion on the performance, installation, and evaluation, including the use of photographic record, of the primary and secondary containment functions used in fuel storage to safeguard impacts to freshwaters; | Section 9.3 Appendix D | Summary of Fuel Storage Photo Journal |
| vi | Report all artesian flow occurrences as required under Part F, Item 6; | Section 9.5 | Summary of Artesian Flows |
| vii | A list of unauthorized discharges and a summary of follow-up action(s) taken; | Section 7.1 | Spills |
| viii | A brief description of follow-up action(s) taken to address concerns presented within inspection and compliance reports prepared by the Inspector; | Section 9.4 | Inspection and Compliance Reports |
| ix | Updates in the form of an addendum or revisions to the Abandonment and Restoration Plan, and Spill Contingency Plan; | Section 9.2 | Revisions to Plans, Reports and Manuals |
| x | A description of all progressive and/or final reclamation work undertaken, including drill sites, presented with photographic records of site conditions before, during and after completion of operations; | Section 8 Table 8.2 Appendix D | Reclamation, Closure and Financial Security Reclamation Works Related to Exploration and Geotechnical Activities on Inuit-Owned and Crown Lands Photo Journal |
| xi | An updated estimate of the current restoration liability required under Part B, Item 2, based upon the results of restoration assessment, project development monitoring, and any changes or modifications to the project; | Section 8.2 Table 8.3 | Current Restoration Liability Mary River Project Total Closure and Reclamation Security Summary |
| xii | A summary of public consultation/participation, describing consultation with local organizations and residents of the nearby communities, if any were conducted; | Section 10 | Public Consultations |
| xiii | A summary of any specific studies or reports requested by the Board, and a brief description of any future studies planned or proposed; and | Section 9.1 | Summary of Studies Requested by the Board |
| xiv | Any other details on Water use or Waste disposal requested by the Board by November 1 of the year being reported. | N/A | No other details on water use or waste disposal was requested by the Board by November 1, 2020 |

| Type B Water Licence 2BE-MRY1421 | | 2020 QIA and NWB Annual Report for Exploration and Geotechnical Activities | |
|--|---|--|--|
| Condition No. | Condition | Report Reference / Response | |
| Section 6.4 – Annual Reporting Requirements | | | |
| 6.4 | For informational purposes, by no later than March 31 in each Year during the Term, the Tenant shall deliver to the Landlord an Annual Report for the preceding Year which shall include the following: | See below | Annual Reports were submitted on March 31, 2021 |
| a. | A report of activities conducted relative to what was described in the Work Plan submission for the Previous Year; | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| b. | A description of construction and infrastructure changes, additions or removals located within the boundaries of all Land Use Areas; | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| c. | All "As Built" reports available, signed and stamped by an Engineer, for all works completed as per (b) above; | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| d. | Description of any and all mining and exploration activities, and the results and outcomes thereof including: | See below | -- |
| | i. exploration activity and drilling summary | Section 2 | Exploration and Geotechnical Activities |
| | ii. amount and type of ore and waste mined in each month | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| | iii. amount and type of ore shipped each month | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| | iv. quantities of each Specified Substance including sand, gravel, construction stone, and ice, quarried each month, broken down by individual quarry site or borrow location | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| e. | Quantities of waste deposited in the landfill, landfarm and or other approved waste storage areas each calendar quarter | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| f. | Type and quantities of materials that were shipped off the Lands | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| g. | Type and quantities of materials that were shipped to and stored on the Lands | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| h. | A detailed description of any and all Reclamation Work on the Property | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| i. | Any and all information related to a finding of non-compliance or breach of environmental standards as discovered by any Governmental Authority | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| j. | A listing and compilations of reports associated with any accident, spill, release of hazardous material in the environment, fire, emergency or loss of life | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| k. | Information respecting the Tenant's compliance with the terms of this Lease and any permits or licenses required in respect of its Operations on the Property, together with details of any incidents of non-compliance, the results of any inspection reports or orders prepared or issued by or fines levied by any competent regulatory authority and any remedial action relating thereto | N/A | Refer to 2020 QIA and NWB Annual Report for Operations |
| l. | Any further reports, information or data reasonably requested by the Landlord from time to time, including Inuktitut language summary versions of such material at the request of the Landlord, acting reasonably. | N/A | No additional information or data was requested by the Landlord during 2020. |

| Type B Water Licence 2BE-MRY1421 | | 2020 QIA and NWB Annual Report for Exploration and Geotechnical Activities | |
|----------------------------------|--|--|--|
| Condition No. | Condition | Report Reference / Response | |
| 1 | <p>Introduction</p> <ul style="list-style-type: none"> a) The calendar year to which the Annual Report for Exploration and Geotechnical Drilling Activities refers to (example: 2015); b) The date of submission of the Annual Report for Exploration and Geotechnical Drilling Activities; c) The name and contact information of the BIMC representative(s) responsible for the preparation and approval of the Annual Report for Exploration and Geotechnical Drilling Activities; and d) The name and contact information of the BIMC representative(s) that QIA can contact should it have any questions or comments regarding the Annual Report for Exploration and Geotechnical Drilling Activities. e) Please use the Table 1 template outlined in the Excel workbook to provide this information. f) Forward guidance on the outlook on BIMC's exploration and geotechnical drilling for the current Year; | Table 0 Section 11 | Report Submission Summary 2021 Exploration and Geotechnical Activities |
| 2 | <p>Exploration and Drilling Summary</p> <ul style="list-style-type: none"> a) An exploration activity and drilling summary for the Year. Please use the Table 2 template outlined in the Excel workbook to provide this information. b) A report on activities relative to what was described in the Annual Work Plan submission for the previous Year. | Section 2 Table 2.1 | Exploration and Geotechnical Activities Exploration and Geotechnical Activities and Drilling Summary |
| 3 | <p>Infrastructure Changes and New Construction Related to Exploration and Drilling</p> <ul style="list-style-type: none"> a) A description of the infrastructure changes and/or new construction associated with the Year's exploration and geotechnical drilling activities. Please use the Table 3 template outlined in the Excel workbook to provide this information. b) The description will be accompanied by relevant site surveys, pictures, and maps. c) A description of construction and infrastructure changes, additions or removals located within the boundaries of all Land Use Areas, including all "As-Built" reports available, signed and stamped by an Engineer, for all works completed. | Section 3 | Modifications, Infrastructure Changes and Construction |
| 4 | <p>Quantities of Water Used Related to Exploration and Drilling</p> <ul style="list-style-type: none"> a) The quantities of water used from all water sources applicable to the drilling program, not including those quantities included under the Type 'A' Water Licence. b) Please use the Table 4 template outlined in the Excel workbook to provide this information. | Section 4 Table 4.1 Table 4.2 | Water Use Annual Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source Daily and Monthly Volumes of Water Used for Drilling Activities on Inuit-Owned and Crown Lands by Source |

| Type B Water Licence 2BE-MRY1421 | | 2020 QIA and NWB Annual Report for Exploration and Geotechnical Activities | |
|----------------------------------|--|--|---|
| Condition No. | Condition | Report Reference / Response | |
| 5 | <p>Pre and Post Drilling Conditions of Drill Holes Completed</p> <p>a) All environmental monitoring logs before, during and after drilling detailing the daily environmental monitoring at drill hole locations. The logs inform on the practices undertaken to limit environmental damage, and the post-activity land status and reclamation efforts.</p> <p>b) The logs will also be used to calculate reclamation security.</p> <p>c) Please use the Table 5 template outlined in the Excel workbook to provide this information.</p> | <p>Section 5.1</p> <p>Table 5.1</p> <p>Appendix E</p> | <p>Environmental Monitoring for Drilling/Testing Activities</p> <p>Exploration and Geotechnical Environmental Monitoring Logs</p> <p>2020 Pre, Daily and Post Environmental Monitoring Logs</p> |
| 6 | <p>Volumes of Waste disposed of on IOL Related to Exploration and Drilling</p> <p>The types, volumes, and disposal/management location of all types of drilling waste produced in the Year being reported. Please use the Table 6 template outlined in the Excel workbook to provide this information.</p> | <p>Section 6</p> <p>Table 6.1</p> | <p>Waste Management</p> <p>Drilling Wastes Managed and Deposited On Inuit-Owned and Crown Lands</p> |
| 7 | <p>List of Reported Spills and Health & Safety Incidents</p> <p>A compilation of reports associated with any accident, spill, release of hazardous material in the environment, fire, emergency or loss of life related to exploration or drilling. This section of the Annual Report for Exploration and Geotechnical Drilling Activities will include a listing and compilations of reports associated with any accident or spill following the submittal guidelines of the Accidents and Incidents Operations Guide. (CPL Section 6.4. Annual Reporting Requirements - j)). Please use the Table 7.1 and 7.2 templates outlined in the Excel workbook to provide this information.</p> | <p>Section 7</p> | <p>Reported Incidents</p> |
| 8 | <p>Information Relevant to Financial Security</p> <p>BIMC will provide details on the results of all reclamation work performed on the Property in the previous Year as well as update QIA on all financial security that is to be adjusted based on the results of such reclamation work.</p> <p>Relevant information, including implications to financial security for exploration and drilling activities conducted on IOL. Please use the Table 8.1 and 8.2 templates outlined in the Excel workbook to provide this information.</p> | <p>Section 8</p> <p>Table 8.1</p> <p>Table 8.2</p> <p>Table 8.3</p> | <p>Reclamation, Closure and Financial Security</p> <p>New Impacts Related to Exploration and Geotechnical Activities on Inuit-Owned and Crown Lands</p> <p>Reclamation Works Related to Exploration and Geotechnical Activities on Inuit-Owned and Crown Lands</p> <p>Mary River Project Total Closure and Reclamation Security Summary</p> |
| 9 | <p>Additional Report, Information or Data</p> <p>This section of the Annual Report will include a list of any further reports, information or data reasonably requested by QIA from time to time, including Inuktitut language summary versions of such material at the request of QIA, acting reasonably.</p> | <p>N/A</p> | <p>No additional information or data was requested by the Landlord during 2020</p> |

| QL2-2012– Land Use Permit | | 2020 QIA and NWB Annual Report for Exploration and Geotechnical Activities | |
|---|--|--|---|
| Condition No. | Condition | Report Reference / Response | |
| Schedule 1: General Minimum Standards - The Annual Report shall include: | | | |
| 6 | <p>General</p> <p>The Licensee shall submit a final report to the Qikiqtani Inuit Association, to the Pond Inlet Hamlet and Pond Inlet HTO in text and map form by March 31, 2021 showing:</p> <ul style="list-style-type: none"> • All lands occupied and used during this land use operation, including details on all activities conducted on the lands • Before and after digital photographs of land use sites • Land use conflicts encountered during operations | <p>Section 2.3</p> <p>Section 10</p> <p>Appendix D.3</p> | <p>Legal Survey Program</p> <p>Public Consultations</p> <p>Legal Survey Photo Sheet</p> |
| 23 | <p>Community Conditions</p> <p>After the project, and by March 31 2021, the licensee shall provide a socio-economic impact report to QIA and the community of Pond Inlet that includes details about Inuit hires and local business support.</p> | <p>Section 2.3</p> <p>Appendix F</p> | <p>Legal Survey Program</p> <p>Legal Survey Socio-Economic Report</p> |

APPENDIX B
NWB ANNUAL REPORT FORMS

NWB Annual Report

Year being reported: 2020

License No: **Issued Date:**
Expiry Date:

Project Name:

Licensee:

Mailing Address:

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

General Background Information on the Project (*optional):

Licence Requirements: the licensee must provide the following information in accordance with

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

| | | |
|------------------|--|--------------------------------------|
| Water Source(s): | <input type="text" value="Refer to Section 4.0."/> | |
| Water Quantity: | <input type="text" value="17,885 cu.m/year"/> | Quantity Allowable Domestic (cu.m) |
| | <input type="text" value="0"/> | Actual Quantity Used Domestic (cu.m) |
| | <input type="text" value="91,250 cu.m/year"/> | Quantity Allowable Drilling (cu.m) |
| | <input type="text" value="6,958"/> | Total Quantity Used Drilling (cu.m) |

Waste Management and/or Disposal

- Solid Waste Disposal
- Sewage
- Drill Waste
- Greywater
- Hazardous
- Other:

Additional Details:

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

Refer to Section 7.1.

Revisions to the Spill Contingency Plan

The Exploration Spill Contingency Plan was revised and approved for use in January 2021.

Additional Details:

The SPC revisions were included in the Type B Water Licence renewal application.

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved- no revision required or proposed

Additional Details:

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Refer to Section 8.0.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Details described below

Additional Details:

Refer to Table 4.1, Table 4.2, and Figures 2.1 and 2.2.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Details described below

Additional Details:

Refer to Table 6.1, and and Figures 2.1 and 2.2.

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board.

Additional Details: (date of request, analysis of results, data attached, etc)

| |
|--|
| |
|--|

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional requests from the Board.

Additional Details: (Attached or provided below)

| |
|--|
| |
|--|

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC.

Additional Details: (Dates of Report, Follow-up by the Licensee)

| |
|--|
| |
|--|

Any additional comments or information for the Board to consider

| |
|--|
| |
|--|

Date Submitted:

| |
|----------------|
| March 31, 2021 |
|----------------|

Submitted/Prepared by:

| |
|--------------------|
| Christopher Murray |
|--------------------|

Contact Information:

| | |
|-------------|--------------------------|
| Tel: | (416) 364-8820 ext. 5072 |
|-------------|--------------------------|

| | |
|-------------|---|
| Fax: | - |
|-------------|---|

| | |
|---------------|--|
| email: | christopher.murray@baffinland.com |
|---------------|--|

APPENDIX C
2020 DRILLING NOTIFICATIONS

APPENDIX C.1

2020 Exploration Drilling Program Notification - May 25, 2020



May 25, 2020

Jonathan Mesher
Resource Management Officer
Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)
P.O. Box 100
Iqaluit, NU XOA 0H0

**Re: 2020 Exploration Drilling Program – Mary River Project Type B Water Licence 2BE-MRY1421
Commercial Lease No. Q13C301**

Baffinland will be commencing an exploration diamond drilling program to extend and upgrade the resources at Deposit 1 and 3. The program is being managed by Baffinland's Exploration Department, and performed by Cyr Drilling International Ltd. The program is scheduled to commence on or about June 4, 2020, and be complete in late September 2020, with the possibility of extending as late as mid-November 2020 should conditions allow. A total of twenty-five (25) drill holes are planned, with depths ranging from approximately 250 to 500 metres (m) from surface. Drill holes will require water to support diamond drill coring techniques. Attachment 1 provides a map outlining the proposed drill hole collar locations and proposed water sources. UTM coordinates for the drill hole collar locations and new water sources, presented in Attachment 1, are provided in Attachments 2 and 3, respectively.

The equipment to be utilized for the program includes three (3) Zinex A5 rock coring drill rigs. The diameter of the holes to be advanced is approximately 61.1 mm. Supporting equipment will include two A-star B2 helicopters for moving drills, other supporting equipment/supplies and personnel between drill hole locations.

Under Part C, Item 1 of the Type B Water Licence 2BE-MRY1421 (Type B Water Licence), Baffinland is required to provide notification to the Nunavut Water Board (NWB) and the Inspector (CIRNAC) of water sources to be used for drilling activities that are not currently identified. As shown in Attachment 1, there are eight (8) potential water sources (seven ponds and Mary River) that may be used to support the proposed drilling program. A table with the UTM coordinates for the water sources is provided in Attachment 3.

The estimated water usage rate for the drilling program is approximately 1.3 m³ per linear metre drilled. Assuming 5,832 m and 1,790 m drilled at Deposits 1 and 3, respectively, the total water volume requirements for drilling operations at Deposits 1 and 3 are estimated to be 7,581 m³ and 2,327 m³, respectively. Water use will be tracked using inline flowmeters to ensure compliance with the daily water withdraw limits for drilling activities (250 m³/day), stipulated in Part C, Item 1 of the Type B Water Licence.

Based upon visual assessment and knowledge from previous drilling programs in the area, Baffinland believes that the new water sources identified in Attachments 1 and 3 can sustain the required withdrawal volumes. Water sources prefixed with a 'WS' and the Mary River tributary highlighted in Attachment 1 are not believed to be fish habitat and will be visually monitored for drawdown during periods of



withdrawal. The Mary River has been used as a water source in previous drilling programs at the Project and has sufficient flow volumes necessary to support the proposed water requirements for Deposits 1 and 3. Pumping stations along the Mary River, prefixed with a 'MRP' and shown in Attachment 1, will be utilized to support the program's drilling operations, as required. In accordance with the *Freshwater Intake End-of-Pipe Fish Screen Guideline* (DFO, 1995), water intake lines will be equipped with fish screens to prevent the entrapment of fish during periods of withdrawal from identified water sources.

In accordance with Part F, Item 2, of the Type B Water Licence, drill waste will be disposed of in sumps consistent with Part F, Item 4 of Type B Water Licence. Daily environmental monitoring will be performed at drilling operations, including pre, during, and post-inspections. Drill water runoff and siltation mitigation measures consistent with Baffinland's Environmental Protection Plan (EPP; BAF-PH1-830-P16-0008, Rev. 1) will be employed, as required.

Despite best planning efforts, it should be noted that unforeseen circumstances may preclude some changes in plans as the program proceeds. Baffinland will endeavor to inform the Inspector (CIRNAC) and other relevant parties in such circumstances.

We trust that this information meets the notification requirements. Please do not hesitate to contact the undersigned, should you have any question or comments.

Regards,

A handwritten signature in black ink, appearing to read "Chris Murray", written over a white background.

Christopher Murray
Environmental & Regulatory Compliance Manager

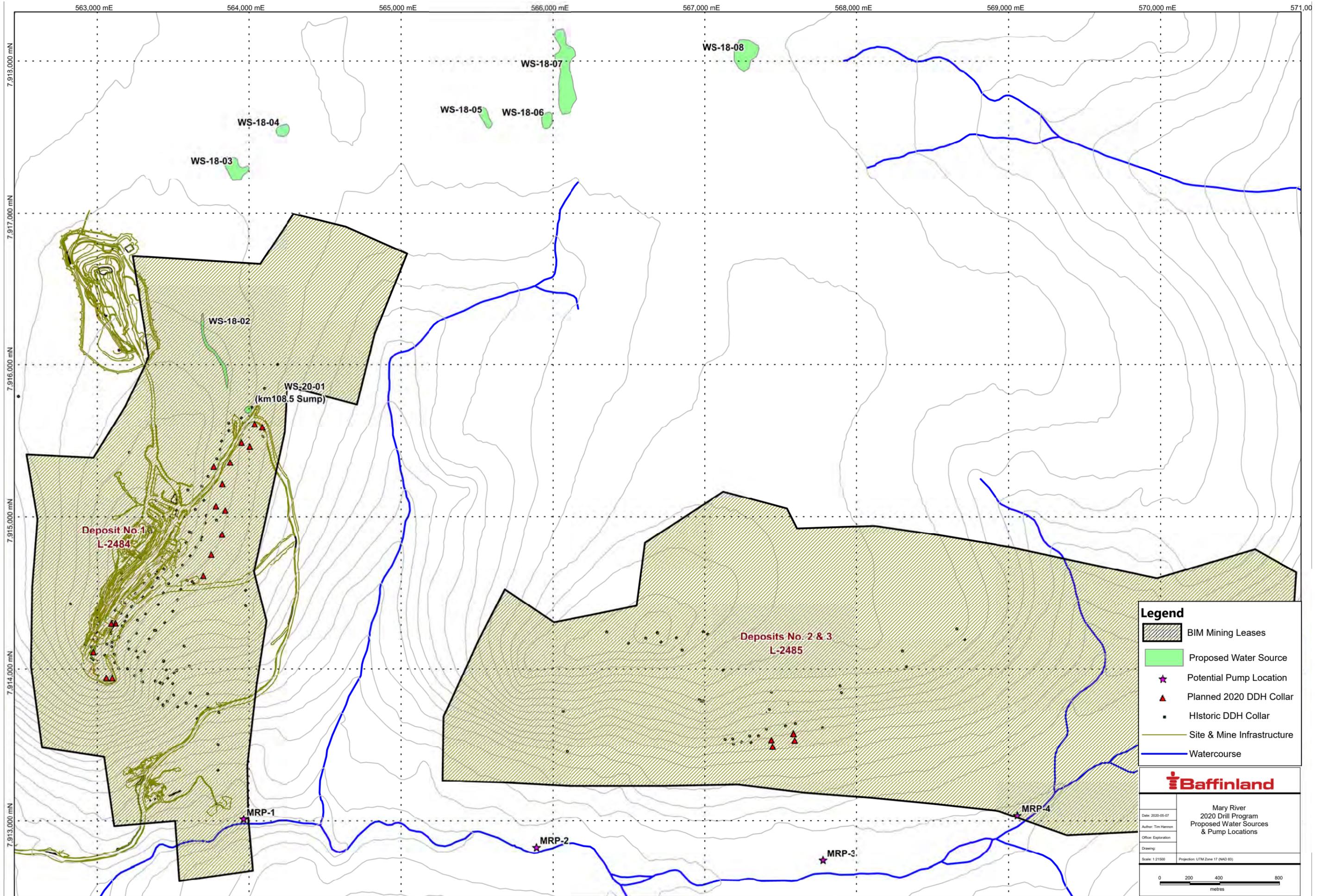
Attachments:

- Attachment 1 – 2020 Mary River Diamond Drilling Program
- Attachment 2 – UTM Coordinates of Proposed Drill Hole Locations
- Attachment 3 – UTM Coordinates of Proposed New Water Sources

Cc: Assol Kubeisinova, Karen Kharatyan (NWB)
Justin Hack, Bridget Campbell, Godwin Okonkwo (CIRNAC)
Jared Ottenhof, Chris Spencer (QIA)
Thomas Iannelli, Massoud Robatian, Megan Lord-Hoyle, Lou Kamermans, Amanda McKenzie,
Timothy Ray Sewell, Shawn Stevens, Aaron MacDonell, Connor Devereaux (Baffinland)



Attachment 1
2020 Mary River Diamond Drilling Program



Legend

- BIM Mining Leases
- Proposed Water Source
- Potential Pump Location
- Planned 2020 DDH Collar
- Historic DDH Collar
- Site & Mine Infrastructure
- Watercourse

Baffinland

Mary River
2020 Drill Program
Proposed Water Sources
& Pump Locations

Date: 2020-05-07
Author: Tim Hanson
Office: Exploration
Drawing:
Scale: 1:21000
Projection: UTM Zone 17 (NAD 83)

0 200 400 800
metres

Attachment 2
UTM Coordinates of Proposed Drill Hole Locations

Table A-2 – Proposed Drill Hole Locations and Depth from Surface

| Hole ID | Easting | Northing | Elevation | Azimuth | Dip | Length |
|------------|---------|----------|-----------|---------|-----|--------|
| MR1-20-P01 | 564036 | 7915609 | 568 | 295 | -45 | 274 |
| MR1-20-P02 | 564036 | 7915609 | 568 | 295 | -58 | 330 |
| MR1-20-P03 | 564087 | 7915589 | 561 | 295 | -60 | 401 |
| MR1-20-P04 | 563950 | 7915488 | 577 | 295 | -45 | 259 |
| MR1-20-P05 | 563950 | 7915488 | 577 | 295 | -62 | 308 |
| MR1-20-P06 | 564005 | 7915462 | 566 | 295 | -62 | 380 |
| MR1-20-P07 | 563875 | 7915357 | 587 | 295 | -45 | 252 |
| MR1-20-P08 | 563768 | 7915329 | 611 | 295 | -45 | 264 |
| MR1-20-P09 | 563824 | 7915216 | 594 | 295 | -45 | 292 |
| MR1-20-P10 | 563824 | 7915216 | 594 | 295 | -56 | 410 |
| MR1-20-P11 | 563843 | 7915041 | 579 | 295 | -45 | 380 |
| MR1-20-P12 | 563843 | 7915041 | 579 | 295 | -60 | 431 |
| MR1-20-P13 | 563822 | 7914884 | 566 | 295 | -55 | 465 |
| MR1-20-P14 | 563751 | 7914752 | 568 | 295 | -55 | 470 |
| MR1-20-P15 | 563699 | 7914611 | 561 | 295 | -55 | 520 |
| MR1-20-P16 | 563059 | 7913940 | 580 | 140 | -90 | 70 |
| MR1-20-P17 | 563098 | 7913938 | 580 | 140 | -90 | 70 |
| MR1-20-P18 | 562975 | 7914110 | 580 | 140 | -90 | 70 |
| MR1-20-P19 | 563120 | 7914300 | 580 | 210 | -55 | 120 |
| MR1-20-P20 | 563092 | 7914298 | 580 | 210 | -90 | 70 |
| MR3-20-P01 | 567439 | 7913532 | 436 | 350 | -56 | 330 |
| MR3-20-P02 | 567447 | 7913488 | 424 | 350 | -56 | 410 |
| MR3-20-P03 | 567584 | 7913576 | 446 | 350 | -45 | 290 |
| MR3-20-P04 | 567584 | 7913573 | 445 | 350 | -55 | 340 |
| MR3-20-P05 | 567592 | 7913529 | 431 | 350 | -55 | 420 |

Notes:

All coordinates in UTM, NAD 83, Zone 17.



Attachment 3
UTM Coordinates of Proposed Water Sources and Pumping Stations

Table A-3-1 – Proposed Water Sources and Mary River Pumping Stations (MRPs)

| Proposed Water Sources | | | |
|------------------------------------|----------------|-----------------|----------------------|
| ID | Easting | Northing | Elevation (m) |
| WS-20-01 (km108.5 Sump) | 563998 | 7915617 | 572 |
| WS-20-02 | 563750 | 7916100 | 592 |
| WS-20-03 | 563900 | 7917290 | 567 |
| WS-20-04 | 564220 | 7917540 | 565 |
| WS-20-05 | 565560 | 7917630 | 560 |
| WS-20-06 | 565970 | 7917610 | 560 |
| WS-20-07 | 566080 | 7917910 | 560 |
| WS-20-08 | 567270 | 7918050 | 565 |
| Mary River Pumping Stations | | | |
| ID | Easting | Northing | Elevation (m) |
| MRP-1 | 563964 | 7913013 | 231 |
| MRP-2 | 565890 | 7912827 | 289 |
| MRP-3* | 567778 | 7912742 | 313 |
| MRP-4 | 569057 | 7913037 | 323 |

Notes:

All coordinates in UTM, NAD 83, Zone 17.

*Pump shack currently in place

APPENDIX C.2

2020/2021 Geotechnical Drilling Program – Route 3 of the North Railway – October 5, 2020



October 5, 2020

Jonathan Mesher
Resource Management Officer
Crown Indigenous Relations and
Northern Affairs (CIRNAC)
P.O Box 100
Iqaluit, NU X0A 0H0

Assol Kubeisinova
Technical Advisor
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0B 1J0

**Re: 2020/2021 Geotechnical Drilling Program
Type 'B' Water Licence 2BE-MRY1421
Commercial Lease No. Q13C301**

Baffinland Iron Mines Corporation (Baffinland) is planning to undertake a geotechnical drilling program in October through December 2020 and April through May 2021 along Route 3 of the North Railway (Figure 1). Baffinland plans to drill up to forty (40) shallow drill holes (up to a maximum of 30 m deep) along the proposed North Railway. Of these forty (40) locations, twelve (12) locations may encroach within 31m of the high water mark of local water bodies or seasonal drainages. The drilling program is being managed by Hatch Ltd. and performed by Cyr Drilling Ltd. The program is scheduled to commence on October 15, 2020 and expected to be completed by May 31, 2021.

The drilling program will be completed along the Tote Road and Northern Transportation Corridor using a Zinex A5 drill. Proposed drilling locations are outlined in Table 1 and the proximity of the proposed locations to surrounding water bodies are shown in Figure 1. Cyr Drilling Ltd. will be using a refrigerated drilling technique, requiring the use of a water and a calcium chloride solution to prevent the drill holes from freezing while coring samples. Two feet of casing will be used per drill hole to prevent return water from infiltrating holes. Casings will be removed or cut below grade at the completion of the drilling program.

Select locations to be drilled in the location of future culvert installations will be drilled within 31m of the high water mark of local water bodies or seasonal drainages, and these locations are noted in Table 1. Locations will be adjusted in the field to avoid drilling within the 31m of the high water mark wherever possible, however due to topography and field conditions this may not be achievable at all locations. There will be no on-ice drilling conducted as part of this program.

The geotechnical drill program and its associated water use will be undertaken in accordance with Baffinland's Type B Water Licence for exploration (Licence No. 2BE-MRY1421; Nunavut Water Board, 2014). A water withdrawal assessment has been prepared to meet the requirements of Part C, Item 4 of the licence (Attachment 1). KM 32 Lake, Katiktok Lake, Muriel Lake, and David Lake (Figure 1) are all large

waterbodies that are expected to provide the required water volumes with negligible impact. The locations for the respective water bodies are outlined in Table 2.

Supporting vehicles include pickup trucks, a float trailer, an excavator, grader and dozer to provide temporary winter access roads to the drilling locations. Winter access routes will be cleaned of any debris and inspected following use for any potential impacts to tundra. Boreholes will be drilled to depths up to a maximum of 30 m deep below ground surface (mbgs).

Table 1: Proposed 2020/21 Geotechnical Drilling Locations - Route 3 of the North Railway

| Borehole ID | Easting | Northing |
|---------------------|---------|----------|
| BH19-CV01* | 521939 | 7948843 |
| BH19-CV02* | 525682 | 7937365 |
| BH19-CV03 | 525729 | 7937268 |
| BH19-CV04* | 526463 | 7936822 |
| BH19-CV05* | 540830 | 7921520 |
| BH19-CV06* | 542768 | 7921695 |
| BH19-CV07* | 558340 | 7914884 |
| BH19-CV08* | 560705 | 7913503 |
| BH19-CV09* | 560663 | 7913503 |
| BH19-CV10* | 521389 | 7954521 |
| BH19-CV12* | 550927 | 7917263 |
| BH19-CV13* | 550942 | 7917161 |
| BH19-CV15* | 535272 | 7918513 |
| GPR19-01 | 528420 | 7922758 |
| GPR19-02 | 529809 | 7917723 |
| GPR19-03 | 534158 | 7918271 |
| GPR19-04 | 536560 | 7918567 |
| GPR19-05 | 528725 | 7925044 |
| GPR19-06 | 529359 | 7920475 |
| BH19-03A | 528725 | 7925044 |
| BH19-03B | 528765 | 7924127 |
| BH19-03C | 528903 | 7922656 |
| BH19-03D | 529238 | 7921746 |
| BH19-03E | 529359 | 7920475 |
| BH19-03F | 529899 | 7918683 |
| BH19-03G | 530171 | 7917914 |
| BH19-03H (Bridge 2) | 528961 | 7926756 |
| BH19-03I (Bridge 2) | 529065 | 7926599 |
| BH19-01J | 532363 | 7918265 |
| BH19-01K | 537430 | 7919178 |
| BH19-01L | 539125 | 7920249 |

*Locations where drilling may encroach within 31m of the high water mark.

Environmental monitoring will be performed, including pre, during and post drilling inspections. Drill cuttings will be disposed of in natural depressions or used for backfill of boreholes consistent with Part F, Item 4 of Baffinland's Type B Water Licence 2BE-MRY1421 (Type B Water Licence). An estimated total volume of 93 m³ of sump waste will be generated and disposed in local depressions at a minimum distance of 31m away from any water body. Drill water runoff and siltation mitigation measures consistent with Baffinland's Environmental Protection Plan (BAF-PH1-830-P16-0008 Rev. 1) will be implemented as required based on the seasonal timing of the geotechnical program.

Table 2: Proposed Water Sources

| Water Source | Easting | Northing |
|---------------|---------|----------|
| KM 32 Lake | 521281 | 7953133 |
| Katiktok Lake | 526574 | 7933512 |
| Muriel Lake | 543719 | 7922807 |
| David Lake | 548625 | 7919712 |

Notes: All coordinates in UTM, NAD 83, Zone 17.

Despite best planning, it should be noted that unforeseen circumstances may necessitate some changes in planning as the program proceeds. Baffinland will endeavor to inform the Inspector and other relevant parties in such circumstances.

In accordance with the conditions of the Type B Water Licence, this letter and attachment provides Baffinland's notification for the drilling of a total of forty (40) boreholes with proximity to nearby water bodies.

We trust that this information meets the various notification requirements for geotechnical drilling at the Project. Please do not hesitate to contact the undersigned, should you have any questions or comments.

Regards,



Christopher Murray
Environmental & Regulatory Compliance Manager

Attachments:

Figure 1: Proposed Route 3 Geotechnical Drilling and Water Sources

Attachment 1: Mary River Project - Winter Water Withdrawals from KM 32, Katiktok, Muriel, and David Lakes

Cc: Timothy Ray Sewell, Megan Lord-Hoyle, Lou Kamermans, Shawn Stevens, Connor Devereaux, Aaron MacDonell, Amanda McKenzie (Baffinland)
Assol Kubeisinova, Karén Kharatyan (NWB)
Bridget Campbell, Godwin Okonkwo, Justin Hack (CIRNAC)
Chris Spencer (QIA)



Attachment 1

Mary River Project - Winter Water Withdrawal Assessment from KM 32, Katiktok, Muriel, and David Lakes

MEMORANDUM

| | | | |
|-----------------|--|-------------------|---------------------|
| Date: | September 24, 2020 | File No.: | NB102-00181/60-A.01 |
| | | Cont. No.: | NB20-00807 |
| To: | Ms. Amanda McKenzie | | |
| Copy To: | | | |
| From: | Amber Blackwell | | |
| Re: | Mary River Project - Winter Water Withdrawals from KM 32, Katiktok, Muriel, and David Lakes | | |

1.0 INTRODUCTION

Baffinland Iron Mines Corporation (Baffinland) is planning to undertake geotechnical drilling this winter (November-December 2020 and April-May 2021) along Route 3 of the North Railway (Figure 1). Baffinland plans to drill up to 40 shallow drill holes (up to a maximum of 15 m deep each) along the proposed North Railway.

The geotechnical drill program and its associated water use will be undertaken in accordance with Baffinland's Type B Water Licence for exploration (Licence No. 2BE-MRY1421; Nunavut Water Board, 2014). This water withdrawal assessment has been prepared to meet the requirements of Part C, Item 4 of the licence, which states:

4. The Licensee shall submit to the Board for approval in writing, at least thirty (30) days prior to the use of Water, in cases where the Licensee requires Water in sufficient volume that the source Water body may be drawn down, the following information: volume required, hydrological overview of the Water body, details of impacts, and proposed mitigation measures.

2.0 WATER VOLUME REQUIRED

The total estimated water that will be required for this activity totals 108 m³ (108,000 L). However, because this is a very small volume and to allow for changes to the drilling program, the assessed water withdrawal volume is 1,000 m³ (1,000,000 L) over a single winter period. The 1,000 m³ volume has been used to assess each potential water source, though it is unlikely that only one of the water sources will provide all the required drill water.

3.0 POTENTIAL WATER SOURCES

The drilling program will be executed in the winter months, when approved stream water sources are typically frozen to the bottom. For this reason, lakes and ponds are the only potentially viable water sources to support the program.

Several ponds that are connected to this segment of the Ravn River were identified nearby. If these do not freeze to the bottom, they could provide overwintering habitat for fish. In the absence of both fish habitat information as well as bathymetry to calculate potential under-ice water volumes, it cannot be demonstrated that winter water withdrawals would not affect potential overwintering fish habitat.

KM 32 Lake, Katiktok Lake, Muriel Lake, and David Lake (Figure 1) are all large waterbodies that are expected to provide the required water volumes with negligible impact. Hence, this assessment focuses on these four water bodies, with the assumption that any one (or a combination of) could provide the water required for drilling.

4.0 EVALUATION

Winter water withdrawals in Nunavut are typically evaluated in accordance with Fisheries and Oceans Canada’s (DFO’s) *Protocol for Winter Water Withdrawal from Ice-covered Waterbodies in the Northwest Territories and Nunavut* (DFO, 2010). This protocol identifies a threshold that the total water withdrawal from a single waterbody over one ice-covered season should not exceed 10% of the available water volume calculated using the appropriate maximum expected ice thickness. Bathymetric surveys have not been conducted of these two lakes, and thus an evaluation of the water withdrawal against this threshold is not possible.

In the absence of bathymetry data, KP has previously evaluated winter water withdrawals using two different metrics (Baffinland, 2018):

- Calculate the lake drawdown by relating the water withdrawal volume to the lake surface area, to determine if effects to fish habitat are possible.
- Compare the water withdrawal volume to the annual recharge to the lake to determine if there will be a noticeable delay in lake outflows in the spring. The annual lake recharge is calculated using the lake’s catchment area and an appropriate mean annual unit runoff value.

In this instance, the water withdrawal is so small that it is sufficient to use the first metric above to establish that the water withdrawal will be immaterial to the under-ice water volume and fish habitat within the lakes.

As noted in Section 2, we have assumed that up to 1,000 m³ of water could be withdrawn from each lake (an order of magnitude greater than the expected water use). The results are presented in Table 1.

Table 1 Estimated Lake Drawdowns from Water Withdrawal

| Waterbody | Surface Area (m²) | Estimated Drawdown (mm) |
|------------------|-------------------------------------|--------------------------------|
| KM 32 Lake | 1,545,000 | 0.65 |
| Katiktok Lake | 4,517,040 | 0.22 |
| Muriel Lake | 4,939,244 | 0.20 |
| David Lake | 2,797,200 | 0.36 |

The estimated drawdown in each lake is less than 1 millimetre (mm), and therefore will not be discernible from annual variations in winter water levels.

Based on the negligible drawdown, it is reasonable to assume without any calculations that the water withdrawals will not affect lake outflows during the spring.

5.0 PROPOSED MITIGATION MEASURES

Applicable mitigation measures are identified in Baffinland’s Environmental Protection Plan relating to geotechnical and exploration drilling. This includes adherence to DFO’s fish screen guideline (DFO, 1995).

6.0 REFERENCES

Baffinland Iron Mines Corporation (Baffinland), 2018. *Ege Bay Exploration Program - Project Proposal*. April.

Fisheries and Oceans Canada (DFO), 1995. *Freshwater Intake End-of-Pipe Fish Screen Guideline*. ISBN 0-668-23168-6. Retrieved from: www.dfo-mpo.gc.ca/Library/223669.pdf

Fisheries and Oceans Canada (DFO), 2010. *DFO Protocol for Winter Water Withdrawal from Ice-covered Waterbodies in the Northwest Territories and Nunavut*.

Nunavut Water Board, 2014. *Type B Water Licence No. 2BE-MRY1421*. April 14.

7.0 CLOSING

We trust this meets your present requirements. Please do not hesitate to contact the undersigned with any questions.

Yours truly,
Knight Piésold Ltd.

Prepared:



Amber Blackwell, P.Geo.
Project Geoscientist

Reviewed:



Steven R. Aiken, P.Eng.
Manager, Environmental Services

Approval that this document adheres to the Knight Piésold Quality System



/ab

APPENDIX D
PHOTO JOURNAL

APPENDIX D.1

Geotechnical Drilling Photo Sheet

APPENDIX D.1.1

2020 Geotechnical Location – BH20-01K



PHOTO 1 - Pre-Drilling Conditions at BH20-01K, November 2020



PHOTO 2 - Drilling Conditions at BH20-01K, November 2020



PHOTO 3 - Post-Drilling Conditions at BH20-01K, November 2020

APPENDIX D.1.2
2020 Geotechnical Location –
BH20-01L



PHOTO 4 - Pre-Drilling Conditions at BH20-01L, November 2020



PHOTO 5 - Drilling Conditions at BH20-01L, November 2020



PHOTO 6 - Post-Drilling Conditions at BH20-01L, November 2020

APPENDIX D.1.3
2020 Geotechnical Location –
BH20-03H



PHOTO 7 - Pre-Drilling Conditions at BH20-03H, November 2020



PHOTO 8 - Drilling Conditions at BH20-03H, November 2020



PHOTO 9 – Post-Drilling Conditions at BH20-03H, November 2020

APPENDIX D.1.4
2020 Geotechnical Location –
BH20-03I



PHOTO 10 – Pre-Drilling Conditions at BH20-03I, November 2020



PHOTO 11 – Drilling Conditions at BH20-03I, November 2020



PHOTO 12 – Post-Drilling Conditions at BH20-03I, November 2020

APPENDIX D.1.5
2020 Geotechnical Location –
BH20-CV01



PHOTO 13 - Pre-Drilling Conditions at BH20-CV01, November 2020



PHOTO 14 - Drilling Conditions at BH20-CV01, November 2020



PHOTO 15 – Post-Drilling Conditions at BH20-CV01, November 2020

APPENDIX D.1.6
2020 Geotechnical Location –
BH20-CV02



PHOTO 16 - Pre-Drilling Conditions at BH20-CV02, November 2020



PHOTO 17 - Drilling Conditions at BH20-CV02, November 2020



PHOTO 18 - Post-Drilling Conditions at BH20-CV02, November 2020

APPENDIX D.1.7
2020 Geotechnical Location –
BH20-CV03



PHOTO 19 – Pre-Drilling Conditions at BH20-CV03, November 2020



PHOTO 20 - Drilling Conditions at BH20-CV03, November 2020



PHOTO 21 – Post-Drilling Conditions at BH20-CV03, November 2020

APPENDIX D.1.8
2020 Geotechnical Location –
BH20-CV04



PHOTO 22 – Pre-Drilling Conditions at BH20-CV04, November 2020



PHOTO 23 – Drilling Conditions at BH20-CV04, November 2020



PHOTO 24 – Post-Drilling Conditions at BH20-CV04, November 2020

APPENDIX D.1.9
2020 Geotechnical Location –
BH20-CV05



PHOTO 25 – Pre-Drilling Conditions at BH20-CV05, November 2020



PHOTO 26 - Drilling Conditions at BH20-CV05, November 2020



PHOTO 27 – Post-Drilling Conditions at BH20-CV05, November 2020

APPENDIX D.1.10
2020 Geotechnical Location –
BH20-CV06



PHOTO 28 – Pre-Drilling Conditions at BH20-CV06, November 2020



PHOTO 29 – Drilling Conditions at BH20-CV06, November 2020



PHOTO 30 – Post-Drilling Conditions at BH20-CV06, November 2020

APPENDIX D.1.11
2020 Geotechnical Location –
BH20-CV07



PHOTO 31 - Pre-Drilling Conditions BH20-CV07, November 2020



PHOTO 32 - Drilling Conditions at BH20-CV07, November 2020



PHOTO 33 - Post-Drilling Conditions at BH20-CV07, November 2020

APPENDIX D.1.12
2020 Geotechnical Location –
BH20-CV08



PHOTO 34 - Pre-Drilling Conditions BH20-CV08, November 2020



PHOTO 35 - Drilling Conditions BH20-CV08, November 2020



PHOTO 36 – Post-Drilling Conditions BH20-CV08, November 2020

APPENDIX D.1.13
2020 Geotechnical Location –
BH20-CV09



PHOTO 37 – Pre-Drilling Conditions at BH20-CV09, November 2020



PHOTO 38 – Drilling Conditions BH20-CV09, November 2020



PHOTO 39 – Post-Drilling Conditions at BH20-CV09, November 2020

APPENDIX D.1.14
2020 Geotechnical Location –
BH20-CV10



PHOTO 40 - Pre-Drilling Conditions at BH20-CV10, November 2020



PHOTO 41 - Drilling Conditions at BH20-CV10, November 2020



PHOTO 42 – Post-Drilling Conditions at BH20-CV10, November 2020

APPENDIX D.1.15
2020 Geotechnical Location –
BH20-CV12



PHOTO 43 - Pre-Drilling Conditions at BH20-CV12, November 2020



PHOTO 44 - Drilling Conditions at BH20-CV12, November 2020



PHOTO 45 – Post-Drilling Conditions at BH20-CV12, November 2020

APPENDIX D.1.16
2020 Geotechnical Location –
BH20-CV13



PHOTO 46 – Pre-Drilling Conditions at BH20-CV13, November 2020



PHOTO 47 – Drilling Conditions at BH20-CV13, November 2020



PHOTO 48 – Post-Drilling Conditions at BH20-CV13, November 2020

APPENDIX D.1.17
2020 Geotechnical Location –
BH20-CV15



PHOTO 49 – Pre-Drilling Conditions at BH20-CV15, November 2020



PHOTO 50 – Drilling Conditions at BH20-CV15, November 2020



PHOTO 51 – Post-Drilling Conditions at BH20-CV15, November 2020

APPENDIX D.2

Exploration Drilling Photo Sheet

APPENDIX D.2.1
2020 Exploration Location -
MR1-20-270

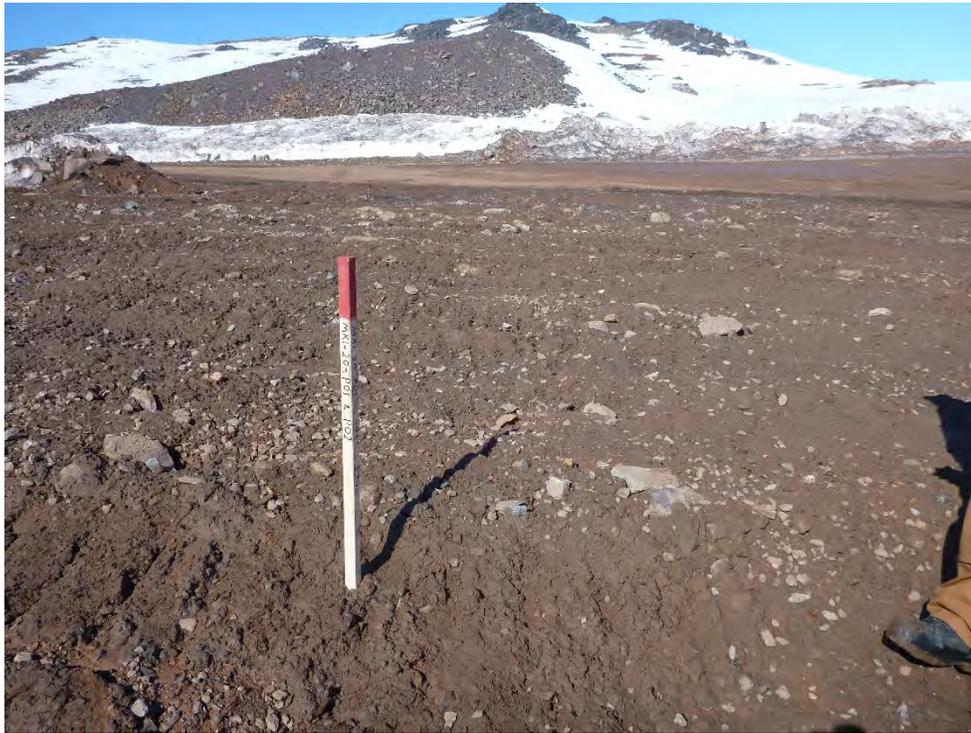


PHOTO 1 - Pre-Drilling Conditions at MR1-20-270, June 13th 2020



PHOTO 2 - Drilling Conditions at MR1-20-270, June 24th 2020



PHOTO 3 - Post-Drilling Conditions at MR1-20-270, September 27th 2020

APPENDIX D.2.2
2020 Exploration Location-
MR1-20-271

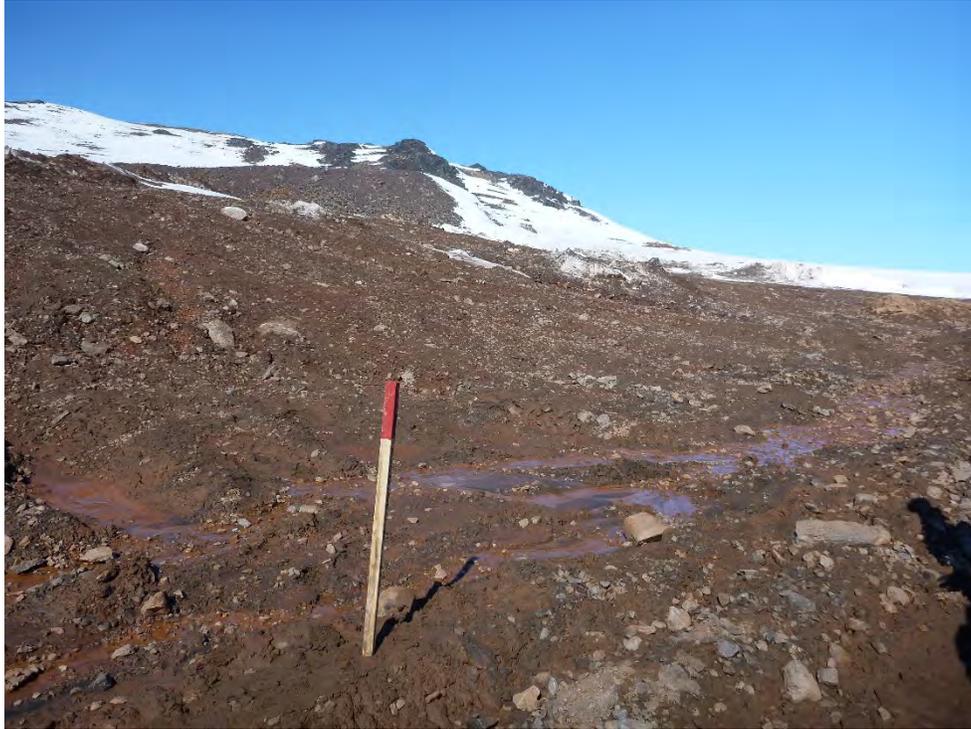


PHOTO 4 - Pre-Drilling Conditions at MR1-20-271, June 13th 2020



PHOTO 5 - Drilling Conditions at MR1-20-271, June 27th 2020



PHOTO 6 - Post-Drilling Conditions at MR1-20-271, September 27th 2020

APPENDIX D.2.3
2020 Exploration Location -
MR1-20-272



PHOTO 7 - Pre-Drilling Conditions at MR1-20-272, June 23rd 2020



PHOTO 8 - Drilling Conditions at MR1-20-272, June 30th 2020



PHOTO 9 – Post-Drilling Conditions at MR1-20-272, September 26th 2020

APPENDIX D.2.4
2020 Exploration Location -
MR1-20-273



PHOTO 10 – Pre-Drilling Conditions at MR1-20-273, June 30th 2020



PHOTO 11 - Drilling Conditions at MR1-20-273, July 2nd 2020



PHOTO 12 - Post-Drilling Conditions at MR1-20-273, September 26th 2020

APPENDIX D.2.5
2020 Exploration Location -
MR1-20-275



PHOTO 13 - Pre-Drilling Conditions at MR1-20-275, June 27th 2020



PHOTO 14 - Drilling Conditions at MR1-20-275, July 5th 2020



PHOTO 15 - Post-Drilling Conditions at MR1-20-275, September 26th 2020

APPENDIX D.2.6
2020 Exploration Location -
MR1-20-276



PHOTO 16 - Pre-Drilling Conditions at MR1-20-276, June 30th 2020



PHOTO 17 - Drilling Conditions at MR1-20-276, July 11th 2020



PHOTO 18 - Post-Drilling Conditions at MR1-20-276, September 26th 2020

APPENDIX D.2.7
2020 Exploration Location -
MR1-20-277



PHOTO 19 – Pre-Drilling Conditions at MR1-20-277, July 11th 2020



PHOTO 20 – Drilling Conditions at MR1-20-277, July 12th 2020



PHOTO 21 – Post-Drilling Conditions at MR1-20-277, September 26th 2020

APPENDIX D.2.8
2020 Exploration Location -
MR1-20-279



PHOTO 22 – Pre-Drilling Conditions at MR1-20-279, July 11th 2020



PHOTO 23 - Drilling Conditions at MR1-20-279, July 18th 2020



PHOTO 24 - Post-Drilling Conditions at MR1-20-279, September 26th 2020

APPENDIX D.2.9
2020 Exploration Location -
MR1-20-281



PHOTO 25 - Pre-Drilling Conditions at MR1-20-281, July 11th 2020



PHOTO 26 - Drilling Conditions at MR1-20-281, July 21st 2020



PHOTO 27 – Post-Drilling Conditions at MR1-20-281, September 26th 2020

APPENDIX D.2.10
2020 Exploration Location -
MR1-20-282



PHOTO 28 - Pre-Drilling Conditions at MR1-20-282, July 11th 2020



PHOTO 29 - Drilling Conditions at MR1-20-282, July 21st 2020



PHOTO 30 - Post-Drilling Conditions at MR1-20-282, September 26th 2020

APPENDIX D.2.11
2020 Exploration Location -
MR1-20-284



PHOTO 31 – Pre-Drilling Conditions at MR1-20-284, July 11th 2020



PHOTO 32 - Drilling Conditions at MR1-20-284, July 24th 2020



PHOTO 33 – Post-Drilling Conditions at MR1-20-284, September 26th 2020

APPENDIX D.2.12
2020 Exploration Location -
MR1-20-285



PHOTO 34 – Pre-Drilling Conditions at MR1-20-285, July 24th 2020



PHOTO 35 - Drilling Conditions at MR1-20-285, July 27th 2020



PHOTO 36 - Post-Drilling Conditions at MR1-20-285, September 26th 2020

APPENDIX D.2.13
2020 Exploration Location -
MR1-20-286



PHOTO 37 - Pre-Drilling Conditions at MR1-20-286, July 24th 2020



PHOTO 38 - Drilling Conditions at MR1-20-286, July 31st 2020



PHOTO 39 - Post-Drilling Conditions at MR1-20-286, September 26th 2020

APPENDIX D.2.14
2020 Exploration Location -
MR1-20-288



PHOTO 40 - Pre-Drilling Conditions at MR1-20-288, July 24th 2020



PHOTO 41 - Drilling Conditions at MR1-20-288, August 2nd 2020



PHOTO 42 – Post-Drilling Conditions at MR1-20-288, September 26th 2020

APPENDIX D.2.15
2020 Exploration Location -
MR1-20-289



PHOTO 43 – Pre-Drilling Conditions at MR1-20-289, August 2nd 2020



PHOTO 44 – Drilling Conditions at MR1-20-289, August 8th 2020



PHOTO 45 – Post-Drilling Conditions at MR1-20-289, August 10th 2020
(Site inaccessible in September due to severe snowfall event)

APPENDIX D.2.16
2020 Exploration Location -
MR1-20-291



PHOTO 46 – Pre-Drilling Conditions at MR1-20-291, August 2nd 2020



PHOTO 47 – Drilling Conditions at MR1-20-291, August 9th 2020



PHOTO 48 – Post-Drilling Conditions at MR1-20-291, August 11th, 2020
(Site inaccessible in September due to severe snowfall event)

APPENDIX D.2.17
2020 Exploration Location -
MR1-20-292



PHOTO 49 – Pre-Drilling Conditions at MR1-20-292, August 2nd 2020



PHOTO 50 – Drilling Conditions at MR1-20-292, August 13th 2020



PHOTO 51 – Drilling Conditions at MR1-20-292
(Site inaccessible in September due to severe snowfall event)

APPENDIX D.2.18
2020 Exploration Location -
MR1-20-293



PHOTO 52 – Pre-Drilling Conditions at MR1-20-293, August 2nd 2020

PHOTO 53 – Drilling Conditions at MR1-20-293

No Photo – Drilling not pursued at the location

PHOTO 54 – Drilling Conditions at MR1-20-293

No Photo – Drilling not pursued at the location

APPENDIX D.2.19
2020 Exploration Location -
MR1-20-294



PHOTO 55 – Pre-Drilling Conditions at MR1-20-294, August 2nd 2020



PHOTO 56 – Drilling Conditions at MR1-20-294, August 13th 2020



PHOTO 57 – Drilling Conditions at MR1-20-294, August 14th 2020
(Site inaccessible in September due to severe snowfall event)

APPENDIX D.2.20
2020 Exploration Location -
MR1-20-296



PHOTO 58 – Pre-Drilling Conditions at MR1-20-296, August 2nd 2020



PHOTO 59 – Drilling Conditions at MR1-20-296, August 15th 2020



PHOTO 60 – Drilling Conditions at MR1-20-296, August 21st 2020
(Site inaccessible in September due to severe snowfall event)

APPENDIX D.2.21
2020 Exploration Location -
MR1-20-298



PHOTO 61 – Pre-Drilling Conditions at MR1-20-298, August 16th 2020



PHOTO 62 – Drilling Conditions at MR1-20-298, August 22nd 2020

PHOTO 63 – Drilling Conditions at MR1-20-298
No post inspection completed as bench had already been mined.

APPENDIX D.2.22
2020 Exploration Location -
MR1-20-299



PHOTO 64 – Pre-Drilling Conditions at MR1-20-299, August 16th 2020



PHOTO 65 – Drilling Conditions at MR1-20-299, August 24th 2020

PHOTO 66 – Drilling Conditions at MR1-20-299
No inspection as bench already been mined.

APPENDIX D.2.23
2020 Exploration Location -
MR1-20-300



PHOTO 67 – Pre-Drilling Conditions at MR1-20-300, August 14th 2020



PHOTO 68 – Drilling Conditions at MR1-20-300, August 25th 2020



PHOTO 69 – Drilling Conditions at MR1-20-300, September 26th 2020

APPENDIX D.2.24
2020 Exploration Location -
MR1-20-301



PHOTO 70 – Pre-Drilling Conditions at MR1-20-301, August 16th 2020



PHOTO 71 – Drilling Conditions at MR1-20-301, August 25th 2020

PHOTO 72 – Drilling Conditions at MR1-20-301
No inspection as bench already had been mined.

APPENDIX D.2.25
2020 Exploration Location -
MR1-20-302



PHOTO 73 – Pre-Drilling Conditions at MR1-20-302, August 14th 2020



PHOTO 74 – Drilling Conditions at MR1-20-302, August 30th 2020



PHOTO 75 – Drilling Conditions at MR1-20-302, September 26th 2020

APPENDIX D.2.26
2020 Exploration Location -
MR1-20-303



PHOTO 76 – Pre-Drilling Conditions at MR1-20-303, August 14th 2020



PHOTO 77 – Drilling Conditions at MR1-20-303, August 29th 2020



PHOTO 78 – Drilling Conditions at MR1-20-303, September 26th 2020

APPENDIX D.2.27
2020 Exploration Location -
MR1-20-304



PHOTO 79 – Pre-Drilling Conditions at MR1-20-304, August 14th 2020



PHOTO 80 – Drilling Conditions at MR1-20-304, August 30th 2020



PHOTO 81 – Drilling Conditions at MR1-20-304, September 26th 2020

APPENDIX D.2.28
2020 Exploration Location -
MR1-20-305



PHOTO 82 – Pre-Drilling Conditions at MR1-20-305, August 14th 2020



PHOTO 83 – Drilling Conditions at MR1-20-305, September 5th 2020



PHOTO 84 – Drilling Conditions at MR1-20-305, September 26th 2020

APPENDIX D.2.29
2020 Exploration Location -
MR1-20-306



PHOTO 85 – Pre-Drilling Conditions at MR1-20-306, August 14th 2020

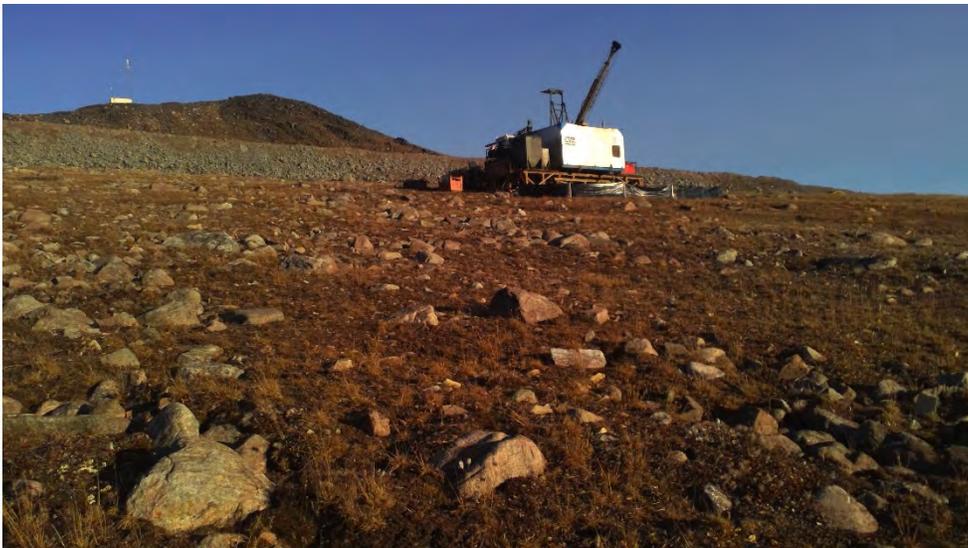


PHOTO 86 – Drilling Conditions at MR1-20-306, September 5th 2020



PHOTO 87 – Post drilling Conditions at MR1-20-306, September 13th 2020

APPENDIX D.2.30
2020 Exploration Location -
MR1-20-307



PHOTO 88 – Pre-Drilling Conditions at MR1-20-307, August 14th 2020

PHOTO 89 – Drilling Conditions at MR1-20-307, September 2020

No photo – drilling location not pursued due to freeze-up and severe weather.

PHOTO 90 – Drilling Conditions at MR1-20-307, September 2020

No photo – drilling location not pursued due to freeze-up and severe weather.

APPENDIX D.2.31
2020 Exploration Location -
MR3-20-274



PHOTO 91 – Pre-Drilling Conditions at MR3-20-274, July 1st 2020



PHOTO 92 – Drilling Conditions at MR3-20-274, July 4th 2020



PHOTO 93 – Drilling Conditions at MR3-20-274, September 26th 2020

APPENDIX D.2.32
2020 Exploration Location -
MR3-20-278



PHOTO 94 – Pre-Drilling Conditions at MR3-20-278, July 1st 2020



PHOTO 95 – Drilling Conditions at MR3-20-278, July 12th 2020



PHOTO 96 – Drilling Conditions at MR3-20-278, September 26th 2020

APPENDIX D.2.33
2020 Exploration Location -
MR3-20-280



PHOTO 97 – Pre-Drilling Conditions at MR3-20-280, July 16th 2020



PHOTO 98 – Drilling Conditions at MR3-20-280, July 18th 2020



PHOTO 99 – Drilling Conditions at MR3-20-280, September 27th 2020

APPENDIX D.2.34
2020 Exploration Location -
MR3-20-283



PHOTO 100 – Pre-Drilling Conditions at MR3-20-283, July 16th 2020



PHOTO 101 – Drilling Conditions at MR3-20-283, July 26th 2020



PHOTO 102 – Drilling Conditions at MR3-20-283, September 27th 2020

APPENDIX D.2.35
2020 Exploration Location -
MR3-20-287



PHOTO 103 – Pre-Drilling Conditions at MR3-20-287, July 16th 2020



PHOTO 104 – Drilling Conditions at MR3-20-287, August 2nd 2020



PHOTO 105 – Drilling Conditions at MR3-20-287, September 27th 2020

APPENDIX D.2.36
2020 Exploration Location -
MR3-20-290



PHOTO 106 – Pre-Drilling Conditions at MR3-20-290, August 2nd 2020



PHOTO 107 – Drilling Conditions at MR3-20-290, August 8th 2020



PHOTO 108 – Drilling Conditions at MR3-20-290, September 27th 2020

APPENDIX D.2.37
2020 Exploration Location -
MR3-20-295



PHOTO 109 – Pre-Drilling Conditions at MR3-20-295, August 2nd 2020



PHOTO 110 – Drilling Conditions at MR3-20-295, August 14th 2020



PHOTO 111 – Drilling Conditions at MR3-20-295, September 27th 2020

APPENDIX D.2.38
2020 Exploration Location -
MR3-20-297



PHOTO 112 – Pre-Drilling Conditions at MR3-20-297, August 2nd 2020



PHOTO 113 – Drilling Conditions at MR3-20-297, August 17th 2020



PHOTO 114 – Drilling Conditions at MR3-20-297, September 27th 2020

APPENDIX D.3
Legal Survey Program



PHOTO 1 – Survey Pin for Legal Survey Program



PHOTO 2 – Surveyor measuring pin

APPENDIX E

2019 PRE, DAILY AND POST
ENVIRONMENTAL MONITORING
LOGS

APPENDIX E.1

Geotechnical Drilling Inspection
Logs 2020

APPENDIX E.1.1
2020 Geotechnical Location –
BH20-01K



PRE-DRILLING INSPECTION REPORT 2020

HATCH personnel: Michael Yang/ Leonel Dabor
Date: 11/13/2020
Time: 4:31 PM
Proposed hole ID: BH20-01K **Final hole ID:** BH20-01K

PROPOSED HOLE INFORMATION:

Location: Tote Road KM 75.3 **Collar location:** E 537,446
Project: Mary River Railway (NAD 83) N 7,919,178
Area: 1 km off of Tote Road KM 75.3 **Dip:** 90
NTS: N/A **Azimuth:** N/A
Elevation: 169 m **Target depth:** 20 m
Description of drillhole location: Near creek bank at at base of hill
Purpose of drillhole: Geotechnical Investigation Bridge Location

DRILLING INFORMATION:

Has site been approved by drill foreman?: Yes **Foreman:** Dave Rachkewich
Drill contractor: Cyr
Drill #: A5-23
Expected start of drilling: 28-Nov-20
Is moving of drillhole required?: Yes
If yes, provide reason: Close proximity to water body
New Collar Location E 537,447 N 7,919,175

Environment Assessment

Water source: Camp Lake
Pump Station #: N/A **Portable Tanks:** No
Natural depression/ drainage evident?: N/A (Photo required)
Manual drainage constructed?: Snow Barr (Photo required)
Silt fence(s) constructed?: N/A (Photo required)
Silt Bag Used: N/A (Photo required)

SITE ASSESSMENTS:

Are wildlife present?: (if yes, record in log)
None
Is site safe for drilling?:
Yes
Safety concerns/issues:
No
Environmental concerns?:
No

PHOTOGRAPHIC RECORD:

Photo of drillhole location prior to setup? Yes
Location of photos: Hatch Server

COMMENTS:

None



DAILY DRILL INSPECTION REPORT 2020

HATCH personnel: Emily Misk
Date: 11/23/2020
Time: 6:00 PM
Hole ID: BH20-01K

HOLE INFORMATION:

Collar location: E 537,447
Location: Tote Road K **Section:** 1 km off of Tote Road (NAD 83) N 7,919,175

DRILLING INFORMATION

Drill contractor: Cyr **Drill Type:** Zinex A5
Drill personnel: Nathaniel (Tilly) T. – Driller, Cashtin R.-Drill Hand
Drill #: A5-23

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
 No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
 0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 560 kg
Flow Meter Reading: 2.6 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
 No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No
Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A
Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

Photo of drill hole during drilling? Yes | Photo of sediment control measures? | Yes
 Location of photos: Hatch Server

COMMENTS:

None

APPENDIX E.1.2
2020 Geotechnical Location –
BH20-01L



| | | | |
|--|--------------|-----------------------|----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Leonel Dabor | | |
| Date: | 11/20/2020 | | |
| Time: | 1:20 PM | | |
| Proposed hole ID: | BH20-01L | Final hole ID: | BH20-01L |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 77.2 | Collar location: | E 539,131 |
| Project: | Mary River Railway | (NAD 83) | N 7,920,244 |
| Area: | Mary River Site | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 161 m | Target depth: | 20 m |
| Description of drillhole location: | 600 m from Tote road, on top of hill, near stream bank | | |
| Purpose of drillhole: | Geotechnical Investigation Bridge Location | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 24-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 539,124 N | 7,920,248 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|------------|
| HATCH personnel: | Emily Misk |
| Date: | 11/24/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-01L |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 539,124 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,920,248 |

DRILLING INFORMATION

| | | | |
|--------------------------|---|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – Driller, Cashtin R. - Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 560 kg
Flow Meter Reading: 3 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/25/2020

Time: 6:00 AM

Hole ID: BH20-01L

HOLE INFORMATION:

Location: Tote Road KM 77.2 **Collar location:** E 539,124

Project: Mary River Railway **(NAD 83)** N 7,920,248

Area: Mary River Site

NTS: N/A

Description of drillhole location: 600 m from Tote road, on top of hill, near stream bank

Purpose of drillhole: Geotechnical Investigation Bridge Location

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/25/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No **If yes, how many?:** N/A

Has hole been properly marked? Yes

Any environmental concerns? No **If yes, please describe below:** N/A

Any additional work required? No **If yes, please describe below:** No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Cyr Foreman signature:

Date: 11 / 25 / 2020

Date: 11/25/2020

APPENDIX E.1.3
2020 Geotechnical Location –
BH20-03H



PRE-DRILLING INSPECTION REPORT 2020

HATCH personnel: Michael Yang/ Leonel Dabor
Date: 11/9/2020
Time: 4:38 PM
Proposed hole ID: BH20-03H **Final hole ID:** BH20-03H

PROPOSED HOLE INFORMATION:

Location: Tote Road KM 62.4 **Collar location:** E 528,955
Project: Mary River Railway (NAD 83) N 7,926,671
Area: Near the KM 62 Bridge of the Tote Road **Dip:** 90
NTS: N/A **Azimuth:** N/A
Elevation: 141 m **Target depth:** 30 m
Description of drillhole location: On the bank of the river
Purpose of drillhole: Geotechnical Investigation Bridge Locations

DRILLING INFORMATION:

Has site been approved by drill foreman?: Yes **Foreman:** Dave Rachkewich
Drill contractor: Cyr
Drill #: A5-23
Expected start of drilling: 19-Nov-20
Is moving of drillhole required?: Yes
If yes, provide reason: Close proximity to water body
New Collar Location E 528,965 N 7,926,549

Environment Assessment

Water source: Camp Lake
Pump Station #: N/A **Portable Tanks:** No
Natural depression/ drainage evident?: N/A (Photo required)
Manual drainage constructed?: Snow Barr (Photo required)
Silt fence(s) constructed?: N/A (Photo required)
Silt Bag Used: N/A (Photo required)

SITE ASSESSMENTS:

Are wildlife present?: (if yes, record in log)
None
Is site safe for drilling?:
Yes
Safety concerns/issues:
No
Environmental concerns?:
No

PHOTOGRAPHIC RECORD:

Photo of drillhole location prior to setup? Yes
Location of photos: Hatch Server

COMMENTS:

None



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|------------|
| HATCH personnel: | Emily Misk |
| Date: | 11/19/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-03H |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 528,965 |
| Location: Tote Road K Section: Near the KM 62 Bridge (NAD 83) | N | 7,926,549 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 300 kg
Flow Meter Reading: 2.5 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/19/2020 |
| Time: | 8:00 PM |
| Hole ID: | BH20-03H |

HOLE INFORMATION:

| | | |
|---|---|-----------|
| Collar location: | E | 528,965 |
| Location: Tote Road K Section: Near the KM 62 Bridge (NAD 83) | N | 7,926,549 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 260 kg
Flow Meter Reading: 4.5 m3 End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|---|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE (Safety glasses/steal toe boots/ear plugs/Hard Hats) | Yes | Eye Wash (2) | Yes |
| | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None

APPENDIX E.1.4
2020 Geotechnical Location –
BH20-03I



PRE-DRILLING INSPECTION REPORT 2020

HATCH personnel: Michael Yang/ Leonel Dabor
Date: 11/9/2020
Time: 4:38 PM
Proposed hole ID: BH20-03I **Final hole ID:** BH20-03I

PROPOSED HOLE INFORMATION:

Location: Tote Road KM 62.6 **Collar location:** E 528,966
Project: Mary River Railway (NAD 83) N 7,926,552
Area: Near the 62 KM bridge along the Tote road **Dip:** 90
NTS: N/A **Azimuth:** N/A
Elevation: 137 m **Target depth:** 30 m
Description of drillhole location: Near the bank of the river
Purpose of drillhole: Geotechnical Investigation Bridge Locations

DRILLING INFORMATION:

Has site been approved by drill foreman?: Yes **Foreman:** Dave Rachkewich
Drill contractor: Cyr
Drill #: A5-23
Expected start of drilling: 19-Nov-20
Is moving of drillhole required?: Yes
If yes, provide reason: Close proximity to water body
New Collar Location E 528,965 N 7,926,549

Environment Assessment

Water source: Camp Lake
Pump Station #: N/A **Portable Tanks:** No
Natural depression/ drainage evident?: N/A (Photo required)
Manual drainage constructed?: Snow Barr (Photo required)
Silt fence(s) constructed?: N/A (Photo required)
Silt Bag Used: N/A (Photo required)

SITE ASSESSMENTS:

Are wildlife present?: (if yes, record in log)
None
Is site safe for drilling?:
Yes
Safety concerns/issues:
No
Environmental concerns?:
No

PHOTOGRAPHIC RECORD:

Photo of drillhole location prior to setup? Yes
Location of photos: Hatch Server

COMMENTS:

None



NS DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/19/2020 |
| Time: | 6:00 AM |
| Hole ID: | BH20-03I |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 528,965 |
| Location: Tote Road K Section: Near the 62 KM bridge (NAD 83) | N | 7,926,549 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 560 kg
Flow Meter Reading: 4.5 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



DS DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|------------|
| HATCH personnel: | Emily Misk |
| Date: | 11/19/2020 |
| Time: | 9:00 AM |
| Hole ID: | BH20-03I |

HOLE INFORMATION:

| | | |
|---|---|-----------|
| Collar location: | E | 528,965 |
| Location: Tote Road K Section: Near the 62 KM bridge (NAD 83) | N | 7,926,549 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 240 kg
Flow Meter Reading: 2.0 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Emily Misk

Date: 11/19/2020

Time: 11:00 AM

Hole ID: BH20-03I

HOLE INFORMATION:

Location: Tote Road KM 62.6 **Collar location:** E 528,965

Project: Mary River Railway (NAD 83) N 7,926,549

Area: Near the 62 KM bridge along the Tote road

NTS: N/A

Description of drillhole location: Near the bank of the river

Purpose of drillhole: Geotechnical Investigation Bridge Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand

End Date of drilling: 11/19/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No If yes, how many?: N/A

Has hole been properly marked? Yes

Any environmental concerns? No If yes, please describe below: N/A

Any additional work required? No If yes, please describe below: No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature:

Cyr Foreman signature:

Date:

Date: 11/19/2020

APPENDIX E.1.5
2020 Geotechnical Location –
BH20-CV01



| | | | |
|--|---------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Michael Yang/Leonel Dabor | | |
| Date: | 11/13/2020 | | |
| Time: | 2:30 PM | | |
| Proposed hole ID: | BH20-CV01 | Final hole ID: | BH20-CV01 |

| | | | |
|---|---|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 37.9 | Collar location: | E 521,947 |
| Project: | Mary River Railway | (NAD 83) | N 7,948,855 |
| Area: | ~28 m off of Tote road KM 37.9 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 117 m | Target depth: | 15 m |
| Description of drillhole location: | In river bed on the side of Tote Road KM 37.9 | | |
| Purpose of drillhole: | Geotechnical Investigation Culvert Locations | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 22-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 521,946 N | 7,948,855 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/22/2020 |
| Time: | 6:00 AM |
| Hole ID: | BH20-CV01 |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 521,946 |
| Location: Tote Road K Section: ~28 m off of Tote road (NAD 83) | N | 7,948,855 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 640 kg
Flow Meter Reading: 6 m3 End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/22/2020

Time: 8:00 PM

Hole ID: BH20-CV01

HOLE INFORMATION:

Location: Tote Road KM 37.9 **Collar location:** E 521,946

Project: Mary River Railway (NAD 83) N 7,948,855

Area: ~28 m off of Tote road KM 37.9

NTS: N/A

Description of drillhole location: In river bed on the side of Tote Road KM 37.9

Purpose of drillhole: Geotechnical Investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/22/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No If yes, how many?: N/A

Has hole been properly marked? Yes

Any environmental concerns? No If yes, please describe below: N/A

Any additional work required? No If yes, please describe below: No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Date: 11 / 22 / 2020

Cyr Foreman signature:

Date: 11/22/2020

APPENDIX E.1.6
2020 Geotechnical Location –
BH20-CV02



PRE-DRILLING INSPECTION REPORT 2020

HATCH personnel: Michael Yang/ Leonel Dabor
Date: 11/13/2020
Time: 4:30 AM
Proposed hole ID: BH20-CV02 **Final hole ID:** BH20-CV02

PROPOSED HOLE INFORMATION:

| | |
|---|-----------------------------------|
| Location: Tote Road KM 50.3 | Collar location: E 525,683 |
| Project: Mary River Railway | (NAD 83) N 7,937,370 |
| Area: ~180 m off of Tote Road KM 50.3 | Dip: 90 |
| NTS: N/A | Azimuth: N/A |
| Elevation: 193 m | Target depth: 15 m |
| Description of drillhole location: At base of hill near bank of stream | |
| Purpose of drillhole: Geotechnical Investigation Culvert Locations | |

DRILLING INFORMATION:

Has site been approved by drill foreman?: Yes **Foreman:** Dave Rachkewich
Drill contractor: Cyr
Drill #: A5-23
Expected start of drilling: 21-Nov-20
Is moving of drillhole required?: Yes
If yes, provide reason: Close proximity to water body

New Collar Location E 525,681 N 7,937,371

Environment Assessment

Water source: Camp Lake
Pump Station #: N/A **Portable Tanks:** No
Natural depression/ drainage evident?: N/A (Photo required)
Manual drainage constructed?: Snow Barr (Photo required)
Silt fence(s) constructed?: N/A (Photo required)
Silt Bag Used: N/A (Photo required)

SITE ASSESSMENTS:

Are wildlife present?: (if yes, record in log)
None
Is site safe for drilling?:
Yes
Safety concerns/issues:
No
Environmental concerns?:
No

PHOTOGRAPHIC RECORD:

Photo of drillhole location prior to setup? Yes
Location of photos: Hatch Server

COMMENTS:

None



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|------------|
| HATCH personnel: | Emily Misk |
| Date: | 11/21/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-CV02 |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 525,681 |
| Location: Tote Road K Section: ~180 m off of Tote Ro: (NAD 83) | N | 7,937,371 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – Driller, Cashtin R.- Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

| | | | |
|--|------------------|--------------------|--------------------|
| Sediment control measures in place: | N/A | | |
| Assessment of effectiveness: | N/A | | |
| Salt usage per day: | 540 kg | | |
| Flow Meter Reading: | 3 m ³ | End of N/S 6:00 AM | End of D/S 6:00 PM |

Has wildlife been present?: (check log for previous wildlife activity)

No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None

APPENDIX E.1.7
2020 Geotechnical Location –
BH20-CV03



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Michael Yang/ Leonel Dabor | | |
| Date: | 11/13/2020 | | |
| Time: | 4:30 AM | | |
| Proposed hole ID: | BH20-CV03 | Final hole ID: | BH20-CV03 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 50.4 | Collar location: | E 525,699 |
| Project: | Mary River Railway | (NAD 83) | N 7,937,336 |
| Area: | ~150 m off of Tote Road KM 50.4 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 170 m | Target depth: | 15 m |
| Description of drillhole location: | Base of a hill ~ 150 m from Tote Road | | |
| Purpose of drillhole: | Geotechnical Investigation Culvert Locations | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 21-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 525,696 N | 7,937,335 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/21/2020 |
| Time: | 6:00 AM |
| Hole ID: | BH20-CV03 |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 525,696 |
| Location: Tote Road K Section: ~150 m off of Tote Road (NAD 83) | N | 7,937,335 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 440 kg
Flow Meter Reading: 4.5 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|------------|
| HATCH personnel: | Emily Misk |
| Date: | 11/21/2020 |
| Time: | 9:00 AM |
| Hole ID: | BH20-CV03 |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 525,696 |
| Location: Tote Road K Section: ~150 m off of Tote Road (NAD 83) | N | 7,937,335 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 440 kg
Flow Meter Reading: 4.5 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Emily Misk

Date: 11/21/2020

Time: 12:00 PM

Hole ID: BH20-CV03

HOLE INFORMATION:

Location: Tote Road KM 50.4 **Collar location:** E 525,696

Project: Mary River Railway (NAD 83) N 7,937,335

Area: ~150 m off of Tote Road KM 50.4

NTS: N/A

Description of drillhole location: Base of a hill ~ 150 m from Tote Road

Purpose of drillhole: Geotechnical Investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/21/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No If yes, how many?: N/A

Has hole been properly marked? Yes

Any environmental concerns? No If yes, please describe below: N/A

Any additional work required? No If yes, please describe below: No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature:

Cyr Foreman signature:

Date:

Date: 11/21/2020

APPENDIX E.1.8
2020 Geotechnical Location –
BH20-CV04



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Michael Yang/ Leonel Dabor | | |
| Date: | 11/13/2020 | | |
| Time: | 4:30 PM | | |
| Proposed hole ID: | BH20-CV04 | Final hole ID: | BH20-CV04 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 50.9 | Collar location: | E 526,461 |
| Project: | Mary River Railway | (NAD 83) | N 7,936,818 |
| Area: | Mary River Site | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 187 m | Target depth: | 10 m |
| Description of drillhole location: | Near stream bank at the base of a hill | | |
| Purpose of drillhole: | Geotechnical investigation Culvert Locations | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 15-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 526,461 N | 7,936,814 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |
| | |
| | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|------------|
| HATCH personnel: | Emily Misk |
| Date: | 11/20/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-CV04 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 526,461 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,936,814 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – Driller, Cashtin R. -Drill hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
Stand by time for dozers for mobilization of drill

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: N/A
Salt usage per day: 200 kg
Flow Meter Reading: 3 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No
Action plan (if required): N/A
Responsible party: N/A **Date to be completed:** N/A
Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/20/2020

Time: 7:00 PM

Hole ID: BH20-CV04

HOLE INFORMATION:

Location: Tote Road KM 50.9 **Collar location:** E 526,461

Project: Mary River Railway (NAD 83) N 7,936,814

Area: Mary River Site

NTS: N/A

Description of drillhole location: On creek bank near bottom of hill

Purpose of drillhole: Geotechnical investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/20/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No If yes, how many?: N/A

Has hole been properly marked? Yes

Any environmental concerns? No If yes, please describe below: N/A

Any additional work required? No If yes, please describe below: No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Date: 11 / 20 / 2020

Cyr Foreman signature:

Date: 11/20/2020

APPENDIX E.1.9
2020 Geotechnical Location –
BH20-CV05



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Michael Yang/ Leonel Dabor | | |
| Date: | 11/8/2020 | | |
| Time: | 4:51 PM | | |
| Proposed hole ID: | BH20-CV05 | Final hole ID: | BH20-CV05 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 78.6 | Collar location: | E 540,827 |
| Project: | Mary River Railway | (NAD 83) | N 7,921,529 |
| Area: | ~110 m off of Tote road KM 78.6 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 143 m | Target depth: | 8-10 m |
| Description of drillhole location: | On river bank | | |
| Purpose of drillhole: | Geotechnical Investigation Culvert Locations | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 18-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 540,831 N | 7,921,525 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |
| | |
| | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Michael Yang |
| Date: | 11/18/2020 |
| Time: | 8:00 AM |
| Hole ID: | BH20-CV05 |

HOLE INFORMATION:

| | | |
|--|---|-----------|
| Collar location: | E | 540,831 |
| Location: Tote Road K Section: ~110 m off of Tote roa (NAD 83) | N | 7,921,525 |

DRILLING INFORMATION

| | | | |
|--------------------------|---|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – Driller, Cashtin R. - Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
Both D6 dozers used for mobilization broke down during mobilization from BH20-CV06 to BH20-CV05

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: N/A
Salt usage per day: 240 kg
Flow Meter Reading: 1.8 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: No

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No
Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A
Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None

APPENDIX E.1.10
2020 Geotechnical Location –
BH20-CV06



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Justin Hoyle/ Michael Yang | | |
| Date: | 11/7/2020 | | |
| Time: | 11:30 AM | | |
| Proposed hole ID: | BH20-CV06 | Final hole ID: | BH20-CV06 |

PROPOSED HOLE INFORMATION:

| | | | |
|---|--|------|-----------|
| Location: Tote Road KM 80.9 | Collar location: | E | 542,768 |
| Project: Mary River Railway | (NAD 83) | N | 7,921,695 |
| Area: Tote Road KM 80.9 | Dip: | 90 | |
| NTS: N/A | Azimuth: | N/A | |
| Elevation: 140 m | Target depth: | 10 m | |
| Description of drillhole location: | Near river ~26 m from Tote Road | | |
| Purpose of drillhole: | Geotechnical investigation Culvert Locations | | |

DRILLING INFORMATION:

| | | | |
|--|--|-----------------|-----------------|
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 15-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | The original hole was located in the middle of a river | | |
| New Collar Location | E | 542,754 | N 7,921,684 |

Environment Assessment

| | | | |
|---|----------------------------|------------------------|----|
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A | (Photo required) | |
| Silt Bag Used: | N/A | (Photo required) | |

SITE ASSESSMENTS:

| | |
|---|------|
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | None |

PHOTOGRAPHIC RECORD:

| | |
|---|--------------|
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

COMMENTS:

| |
|------|
| None |
| |
| |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/17/2020 |
| Time: | 6:00 AM |
| Hole ID: | BH20-CV06 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 542,754 |
| Location: Tote Road K Section: Tote Road KM 80.9 | (NAD 83) | N 7,921,684 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
PVC pipe had ice inside it and had to be pulled, and then it snapped. This required the casing to be pulled as well resulting in the PVC

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 440 kg
Flow Meter Reading: 4.5 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)

No
Environmental Concerns: D6 Dozer hydraulic oil leak

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/17/2020

Time: 2:00 PM

Hole ID: BH20-CV06

HOLE INFORMATION:

Location: Tote Road KM 80.9 **Collar location:** E 542,754

Project: Mary River Railway (NAD 83) N 7,921,684

Area: Tote Road KM 80.9

NTS: N/A

Description of drillhole location: Near river ~26 m from Tote Road

Purpose of drillhole: Geotechnical investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/17/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No If yes, how many?: N/A

Has hole been properly marked? Yes

Any environmental concerns? No If yes, please describe below: N/A

Any additional work required? No If yes, please describe below: No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Cyr Foreman signature:

Date: 11/17/2020

Date: 11/17/2020

APPENDIX E.1.11
2020 Geotechnical Location –
BH20-CV07



| PRE-DRILLING INSPECTION REPORT 2020 | | | |
|-------------------------------------|----------------------------|-----------------------|-----------|
| HATCH personnel: | Justin Hoyle/ Michael Yang | | |
| Date: | 11/5/2020 | | |
| Time: | 3:55 PM | | |
| Proposed hole ID: | BH20-CV07 | Final hole ID: | BH20-CV07 |

PROPOSED HOLE INFORMATION:

| | | | |
|---|--|------|-----------|
| Location: Tote Road KM 100.1 | Collar location: | E | 558,340 |
| Project: Mary River Railway | (NAD 83) | N | 7,914,884 |
| Area: Mary River Site | Dip: | 90 | |
| NTS: N/A | Azimuth: | N/A | |
| Elevation: 194 m | Target depth: | 12 m | |
| Description of drillhole location: | In creek near Mary River Incinerator | | |
| Purpose of drillhole: | Geotechnical investigation Culvert Locations | | |

DRILLING INFORMATION:

| | | | |
|--|--------------------------------------|-----------------|-----------------|
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 11-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Original hole was located in a creek | | |
| New Collar Location | E | 558,325 N | 7,914,890 |

Environment Assessment

| | | | |
|---|----------------------------|------------------------|----|
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A | (Photo required) | |
| Silt Bag Used: | N/A | (Photo required) | |

SITE ASSESSMENTS:

| | |
|---|------|
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

PHOTOGRAPHIC RECORD:

| | |
|---|--------------|
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

COMMENTS:

| |
|------|
| None |
| |
| |



| NS DAILY DRILL INSPECTION REPORT 2020 | |
|---------------------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/10/2020 |
| Time: | 4:00 AM |
| Hole ID: | BH20-CV07 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 558,325 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,914,890 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

| | | |
|--|-------------------------|-----|
| Any rods/casing/tools lost in the drill hole? | If yes, what was lost?: | N/A |
| No | | |

| |
|---|
| Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate |
| 0 |

ENVIRONMENT ASSESSMENT:

| | |
|---|--|
| Sediment control measures in place: | Yes |
| Assessment of effectiveness: | Effective |
| Salt usage per day: | 300 kg |
| Flow Meter Reading: | 1 m³ End of N/S 6:00 AM End of D/S 6:00 PM |
| Has wildlife been present?: (check log for previous wildlife activity) | No |
| Environmental Concerns: | None |

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |
| Safety concerns/issues: | No | | |

| | |
|--|-----|
| Corrective action required?: | No |
| Action plan (if required): | N/A |
| Responsible party: | N/A |
| Date to be completed: | N/A |
| Photograph (only required to document problems and corrective actions): | N/A |

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



DS DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Michael Yang |
| Date: | 11/10/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-CV07 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 558,325 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,914,890 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 300 kg
Flow Meter Reading: 2.5 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle
Date: 11/10/2020
Time: 10:00 PM
Hole ID: BH20-CV07

HOLE INFORMATION:

Location: Tote Road KM 100.1 **Collar location:** E 558,325
Project: Mary River Railway (NAD 83) N 7,914,890
Area: Mary River Site
NTS: N/A
Description of drillhole location: In creek near Mary River Incinerator
Purpose of drillhole: Geotechnical investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr
Drill #: A5-23
End Date of drilling: 11/10/2020

ENVIRONMENT ASSESSMENT:

| | | |
|--|-----|------------------------------------|
| All materials and debris removed from site? | Yes | |
| Casing left?: | No | |
| Has Casing left been cut to ground level? | N/A | |
| Any drill rods lost in the drillhole? | No | If yes, how many?: N/A |
| Has hole been properly marked? | Yes | |
| Any environmental concerns? | No | If yes, please describe below: N/A |
| Any additional work required? | No | If yes, please describe below: No |
| Corrective action: | N/A | |

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes
Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

| | |
|---|-------------------------------|
| HATCH signature: <i>Justin Hoyle</i> | Cyr Foreman signature: |
| Date: 11/10/2020 | Date: 11/10/2020 |

APPENDIX E.1.12
2020 Geotechnical Location –
BH20-CV08



PRE-DRILLING INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle/ Michael Yang
Date: 11/5/2020
Time: 4:45 PM
Proposed hole ID: BH20-CV08 **Final hole ID:** BH20-CV08

PROPOSED HOLE INFORMATION:

Location: Tote Road KM 102.8 **Collar location:** E 560,705
Project: Mary River Railway (NAD 83) N 7,913,503
Area: Mary River Site **Dip:** 90
NTS: N/A **Azimuth:** N/A
Elevation: 177 m **Target depth:** 15 m
Description of drillhole location: Close to Tote Road near Sailivik Camp
Purpose of drillhole: Geotechnical investigation Culvert Locations

DRILLING INFORMATION:

Has site been approved by drill foreman?: Yes **Foreman:** Dave Rachkewich
Drill contractor: Cyr
Drill #: A5-23
Expected start of drilling: 9-Nov-20
Is moving of drillhole required?: Yes
If yes, provide reason: Original hole was located in middle of Tote Road
New Collar Location E 567,022 N 7,913,514

Environment Assessment

Water source: Camp Lake
Pump Station #: N/A **Portable Tanks:** No
Natural depression/ drainage evident?: N/A (Photo required)
Manual drainage constructed?: Snow Barr (Photo required)
Silt fence(s) constructed?: N/A (Photo required)
Silt Bag Used: N/A (Photo required)

SITE ASSESSMENTS:

Are wildlife present?: (if yes, record in log)
None
Is site safe for drilling?:
Yes
Safety concerns/issues:
No
Environmental concerns?:
No

PHOTOGRAPHIC RECORD:

Photo of drillhole location prior to setup? Yes
Location of photos: Hatch Server

COMMENTS:

None



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Michael Yang |
| Date: | 11/11/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-CV08 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 567,022 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,913,514 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
2" PVC were too large to fit down the casing, therefore casing was removed before installation of PVC which cased the hole to fill in wh

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 540 kg
Flow Meter Reading: 3.8 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/11/2020

Time: 10:00 AM

Hole ID: BH20-CV08

HOLE INFORMATION:

Location: Tote Road KM 102.8 **Collar location:** E 567,022

Project: Mary River Railway **(NAD 83)** N 7,913,514

Area: Mary River Site

NTS: N/A

Description of drillhole location: Close to Tote Road near Sailivik Camp

Purpose of drillhole: Geotechnical investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/11/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No **If yes, how many?:** N/A

Has hole been properly marked? Yes

Any environmental concerns? No **If yes, please describe below:** N/A

Any additional work required? No **If yes, please describe below:** No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Cyr Foreman signature:

Date: 11/11/2020

Date: 11/11/2020

APPENDIX E.1.13

2020 Geotechnical Location – BH20-CV09



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Justin Hoyle/ Michael Yang | | |
| Date: | 11/5/2020 | | |
| Time: | 4:00 PM | | |
| Proposed hole ID: | BH20-CV09 | Final hole ID: | BH20-CV09 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 102.9 | Collar location: | E 560,663 |
| Project: | Mary River Railway | (NAD 83) | N 7,913,503 |
| Area: | Mary River Site | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 185 m | Target depth: | 10 m |
| Description of drillhole location: | On creek bank near Sailivik Camp | | |
| Purpose of drillhole: | Geotechnical investigation Culvert Locations | | |

| | | | |
|--|-----------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 10-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | | | |
| New Collar Location | E | 560,654 N | 7,913,491 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |
| | |
| | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Justin Hoyle |
| Date: | 11/12/2020 |
| Time: | 6:00 AM |
| Hole ID: | BH20-CV09 |

HOLE INFORMATION:

| | | |
|---|----------|-------------|
| Collar location: | E | 560,654 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,913,491 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
Had to readjust the location of the hole because drillers did not think they would be able to drill on previous drill pad, Nuna cleared a new

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 300 kg
Flow Meter Reading: 0.2 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Michael Yang |
| Date: | 11/12/2020 |
| Time: | 9:30 AM |
| Hole ID: | BH20-CV09 |

HOLE INFORMATION:

| | | |
|---|----------|-------------|
| Collar location: | E | 560,654 |
| Location: Tote Road K Section: Mary River Site | (NAD 83) | N 7,913,491 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
Had to readjust the location of the hole because drillers did not think they would be able to drill on previous drill pad, Nuna cleared a new

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 540 kg
Flow Meter Reading: 4.7 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None

APPENDIX E.1.14
2020 Geotechnical Location –
BH20-CV10



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Michael Yang/ Leonel Dabor | | |
| Date: | 11/13/2020 | | |
| Time: | 1:30 PM | | |
| Proposed hole ID: | BH20-CV10 | Final hole ID: | BH20-CV10 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 32 | Collar location: | E 521,391 |
| Project: | Mary River Railway | (NAD 83) | N 7,954,534 |
| Area: | ~20 m off of Tote road KM 32 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 122 m | Target depth: | 12 m |
| Description of drillhole location: | In stream bank near KM 32 Lake | | |
| Purpose of drillhole: | Geotechnical Investigation Culvert Locations | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 22-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 521,939 N | 7,948,859 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | KM 32 Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |
| | |
| | |



DAILY DRILL INSPECTION REPORT 2020

HATCH personnel: Emily Misk
Date: 11/22/2020
Time: 6:00 PM
Hole ID: BH20-CV10

HOLE INFORMATION:

Collar location: E 521,939
Location: Tote Road K Section: ~20 m off of Tote road (NAD 83) N 7,948,859

DRILLING INFORMATION

Drill contractor: Cyr **Drill Type:** Zinex A5
Drill personnel: Nathaniel (Tilly) T -Driller, Cashtin R -Drill Hand
Drill #: A5-23

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
 No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
 Hitch of drill broke and required repair during mobilization. Dozer slid into ditch at BH20-CV10 site.

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 500 kg
Flow Meter Reading: 3 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)

No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

Photo of drill hole during drilling? Yes | Photo of sediment control measures? | Yes
 Location of photos: Hatch Server

COMMENTS: None



DAILY DRILL INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle
Date: 11/22/2020
Time: 7:30 PM
Hole ID: BH20-CV10

HOLE INFORMATION:

Collar location: E 521,939
Location: Tote Road K Section: ~20 m off of Tote road (NAD 83) N 7,948,859

DRILLING INFORMATION

Drill contractor: Cyr **Drill Type:** Zinex A5
Drill personnel: Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand.
Drill #: A5-23

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
 No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
 Hitch of drill broke and required repair during mobilization. Dozer slid into ditch at BH20-CV10 site.

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 140 kg
Flow Meter Reading: 0.05 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)

No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

Photo of drill hole during drilling? Yes | Photo of sediment control measures? | Yes
 Location of photos: Hatch Server

COMMENTS:

None

APPENDIX E.1.15
2020 Geotechnical Location –
BH20-CV12



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Justin Hoyle/ Michael Yang | | |
| Date: | 11/7/2020 | | |
| Time: | 10:40 AM | | |
| Proposed hole ID: | BH20-CV12 | Final hole ID: | BH20-CV12 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 90.8 | Collar location: | E 550,924 |
| Project: | Mary River Railway | (NAD 83) | N 7,917,263 |
| Area: | Tote Road KM 90.8 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 157 m | Target depth: | 20 m |
| Description of drillhole location: | Near creek ~26 m from Tote Road | | |
| Purpose of drillhole: | Geotechnical investigation Culvert Locations | | |

| | | | |
|--|--|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 15-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | The original hole was located in the middle of a creek | | |
| New Collar Location | E | 550,932 N | 7,917,264 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |



NS DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|----------------------------|
| HATCH personnel: | Justin Hoyle/ Michael Yang |
| Date: | 11/16/2020 |
| Time: | 6:00 AM |
| Hole ID: | BH20-CV12 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 550,932 |
| Location: Tote Road K Section: Tote Road KM 90.8 | (NAD 83) | N 7,917,264 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Boyd Tilden - NS Driller, NS Dakota Palmer - Drill Hand. | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

| | |
|---|--|
| Sediment control measures in place: | Yes |
| Assessment of effectiveness: | Effective |
| Salt usage per day: | 280 kg |
| Flow Meter Reading: | 2.3 m ³ End of N/S 6:00 AM End of D/S 6:00 PM |
| Has wildlife been present?: (check log for previous wildlife activity) | No |
| Environmental Concerns: | None |

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|--------------|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: | Hatch Server | | |

COMMENTS: None



DS DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Michael Yang |
| Date: | 11/16/2020 |
| Time: | 10:30 AM |
| Hole ID: | BH20-CV12 |

HOLE INFORMATION:

| | | |
|--|----------|-------------|
| Collar location: | E | 550,932 |
| Location: Tote Road K Section: Tote Road KM 90.8 | (NAD 83) | N 7,917,264 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 500 kg
Flow Meter Reading: 3 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/16/2020

Time: 1:00 PM

Hole ID: BH20-CV12

HOLE INFORMATION:

Location: Tote Road KM 90.8 **Collar location:** E 550,932

Project: Mary River Railway **(NAD 83)** N 7,917,264

Area: Tote Road KM 90.8

NTS: N/A

Description of drillhole location: Near creek ~26 m from Tote Road

Purpose of drillhole: Geotechnical investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/16/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No **If yes, how many?:** N/A

Has hole been properly marked? Yes

Any environmental concerns? No **If yes, please describe below:** N/A

Any additional work required? No **If yes, please describe below:** No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Date: 11/16/2020

Cyr Foreman signature:

Date: 11/16/2020

APPENDIX E.1.16
2020 Geotechnical Location –
BH20-CV13



| | | | |
|--|----------------------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Justin Hoyle/ Michael Yang | | |
| Date: | 11/7/2020 | | |
| Time: | 10:30 AM | | |
| Proposed hole ID: | BH20-CV13 | Final hole ID: | BH20-CV13 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 90.9 | Collar location: | E 550,942 |
| Project: | Mary River Railway | (NAD 83) | N 7,917,162 |
| Area: | Tote Road KM 90.9 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 153 m | Target depth: | 15 m |
| Description of drillhole location: | On bank of creek ~46 m from Tote Road | | |
| Purpose of drillhole: | Geotechnical investigation Culvert Locations | | |

| | | | |
|--|-----------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 13-Nov-20 | | |
| Is moving of drillhole required?: | No | | |
| If yes, provide reason: | 0 | | |
| New Collar Location | E | 550,942 N | 7,917,161 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |
| | |
| | |



DAILY DRILL INSPECTION REPORT 2020

| | |
|-------------------------|--------------|
| HATCH personnel: | Michael Yang |
| Date: | 11/15/2020 |
| Time: | 6:00 PM |
| Hole ID: | BH20-CV13 |

HOLE INFORMATION:

| | | |
|---|---|-----------|
| Collar location: | E | 550,942 |
| Location: Tote Road K Section: Tote Road KM 90.9 (NAD 83) | N | 7,917,161 |

DRILLING INFORMATION

| | | | |
|--------------------------|--|--------------------|----------|
| Drill contractor: | Cyr | Drill Type: | Zinex A5 |
| Drill personnel: | Nathaniel (Tilly) T. – DS Driller, Cashtin R.- DS Drill Hand | | |
| Drill #: | A5-23 | | |

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
Swivel was broken on drill rig (10:45 am to 11:00 am)

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 420 kg
Flow Meter Reading: 4 m³ End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
No

Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|--|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE | Yes | Eye Wash (2) | Yes |
| (Safety glasses/steal toe boots/ear plugs/Hard Hats) | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

| | | | |
|--------------------------------------|-----|-------------------------------------|-----|
| Photo of drill hole during drilling? | Yes | Photo of sediment control measures? | Yes |
| Location of photos: Hatch Server | | | |

COMMENTS: None

APPENDIX E.1.17
2020 Geotechnical Location –
BH20-CV15



| | | | |
|--|--------------|-----------------------|-----------|
| PRE-DRILLING INSPECTION REPORT 2020 | | | |
| HATCH personnel: | Leonel Dabor | | |
| Date: | 11/24/2020 | | |
| Time: | 1:00 PM | | |
| Proposed hole ID: | BH20-CV15 | Final hole ID: | BH20-CV15 |

| | | | |
|---|--|-------------------------|-------------|
| PROPOSED HOLE INFORMATION: | | | |
| Location: | Tote Road KM 73.1 | Collar location: | E 560,663 |
| Project: | Mary River Railway | (NAD 83) | N 7,913,503 |
| Area: | ~1.7 KM off of Tote road KM 73.1 | Dip: | 90 |
| NTS: | N/A | Azimuth: | N/A |
| Elevation: | 162 m | Target depth: | 30 m |
| Description of drillhole location: | On creek bed between hills | | |
| Purpose of drillhole: | Geotechnical Investigation Culvert Locations | | |

| | | | |
|--|-------------------------------|-----------------|-----------------|
| DRILLING INFORMATION: | | | |
| Has site been approved by drill foreman?: | Yes | Foreman: | Dave Rachkewich |
| Drill contractor: | Cyr | | |
| Drill #: | A5-23 | | |
| Expected start of drilling: | 28-Nov-20 | | |
| Is moving of drillhole required?: | Yes | | |
| If yes, provide reason: | Close proximity to water body | | |
| New Collar Location | E | 560,664 N | 7,913,496 |

| | | | |
|---|----------------------------|------------------------|----|
| Environment Assessment | | | |
| Water source: | Camp Lake | | |
| Pump Station #: | N/A | Portable Tanks: | No |
| Natural depression/ drainage evident?: | N/A | (Photo required) | |
| Manual drainage constructed?: | Snow Barr (Photo required) | | |
| Silt fence(s) constructed?: | N/A (Photo required) | | |
| Silt Bag Used: | N/A (Photo required) | | |

| | |
|---|------|
| SITE ASSESSMENTS: | |
| Are wildlife present?: (if yes, record in log) | None |
| Is site safe for drilling?: | Yes |
| Safety concerns/issues: | No |
| Environmental concerns?: | No |

| | |
|---|--------------|
| PHOTOGRAPHIC RECORD: | |
| Photo of drillhole location prior to setup? | Yes |
| Location of photos: | Hatch Server |

| | |
|------------------|--|
| COMMENTS: | |
| None | |
| | |
| | |



DAILY DRILL INSPECTION REPORT 2020

HATCH personnel: Emily Misk
Date: 11/28/2020
Time: 6:00 AM
Hole ID: BH20-CV15

HOLE INFORMATION:

Collar location: E 560,664
Location: Tote Road K **Section:** ~1.7 KM off of Tote road (NAD 83) N 7,913,496

DRILLING INFORMATION

Drill contractor: Cyr **Drill Type:** Zinex A5
Drill personnel: Nathaniel (Tilly) T. – Driller, Cashtin R. - Drill Hand
Drill #: A5-23

DRILLING PROGRESS:

Any rods/casing/tools lost in the drill hole? If yes, what was lost?: N/A
 No

Delays/Problems: (breakdowns, stuck rods, bit change, weather, wait time, drill move, etc) Provide time estimate
 0

ENVIRONMENT ASSESSMENT:

Sediment control measures in place: Yes
Assessment of effectiveness: Effective
Salt usage per day: 560 kg
Flow Meter Reading: 3 m3 End of N/S 6:00 AM End of D/S 6:00 PM

Has wildlife been present?: (check log for previous wildlife activity)
 No
Environmental Concerns: None

SAFETY ASSESSMENT:

| | | | |
|---|-----|---|-----|
| Stable platform | Yes | Fall prevention system if platform is over 1.8m | N/A |
| First Aid kit | Yes | Fire Extinguisher(2) | Yes |
| PPE (Safety glasses/steal toe boots/ear plugs/Hard Hats) | Yes | Eye Wash (2) | Yes |
| | | Spill Kits (2) | Yes |
| | | Lined Berms | Yes |
| | | Survival Shack | Yes |

Safety concerns/issues: No

Corrective action required?: No

Action plan (if required): N/A

Responsible party: N/A **Date to be completed:** N/A

Photograph (only required to document problems and corrective actions): N/A

PHOTOGRAPHIC RECORD:

Photo of drill hole during drilling? Yes Photo of sediment control measures? Yes
 Location of photos: Hatch Server

COMMENTS: None



POST-DRILL CLEAN UP INSPECTION REPORT 2020

HATCH personnel: Justin Hoyle

Date: 11/28/2020

Time: 6:00 AM

Hole ID: BH20-CV15

HOLE INFORMATION:

Location: Tote Road KM 73.1 **Collar location:** E 560,664

Project: Mary River Railway **(NAD 83)** N 7,913,496

Area: ~1.7 KM off of Tote road KM 73.1

NTS: N/A

Description of drillhole location: On creek bed between hills

Purpose of drillhole: Geotechnical Investigation Culvert Locations

DRILLING INFORMATION:

Drill Contractor: Cyr

Drill #: A5-23

End Date of drilling: 11/28/2020

ENVIRONMENT ASSESSMENT:

All materials and debris removed from site? Yes

Casing left?: No

Has Casing left been cut to ground level? N/A

Any drill rods lost in the drillhole? No **If yes, how many?:** N/A

Has hole been properly marked? Yes

Any environmental concerns? No **If yes, please describe below:** N/A

Any additional work required? No **If yes, please describe below:** No

Corrective action: N/A

PHOTOGRAPHIC RECORD:

Photo of drillhole location following demobilization and clean up? Yes

Location of photos: Hatch Server

COMMENTS:

None

INSPECTION COMPLETED BY:

HATCH signature: *Justin Hoyle*

Date: 11 / 28 / 2020

Cyr Foreman signature:

Date: 11/28/2020

APPENDIX E.2
2020 Exploration Drilling
Inspection Logs

APPENDIX E.2.1
2020 Exploration
Location – MR1-20-270

Inspection Details

Inspector: Jordan Siewnarine Date: 6/24/2020

Proposed Collar Information

| | | | |
|------------------------------|---------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,036.00 |
| Project: | Mary River | Northing: | 7,915,609.00 |
| Area: | Deposit No. 1 | Elevation: | 568.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | deposit 1, north limb extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |
| Purpose: | Test down dip extension of NLE | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 6/22/2020 |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | Sump at 108.5km | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | Yes | Silt Bag to be used: | No |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

Photographic Record

All required photos were taken: Y
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-270\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine

Date: 6/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1, north limb extension

Purpose: Test down dip extension of NLE

Easting: 564,036.00

Northing: 7,915,609.00

Elevation: 568.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-270



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1, north limb extension

Purpose: Test down dip extension of NLE

Easting: 564,036.00

Northing: 7,915,609.00

Elevation: 568.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-270



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1, north limb extension

Purpose: Test down dip extension of NLE

Easting: 564,036.00

Northing: 7,915,609.00

Elevation: 568.00

Grid Type: UTM83-17

NTS: 37G/5

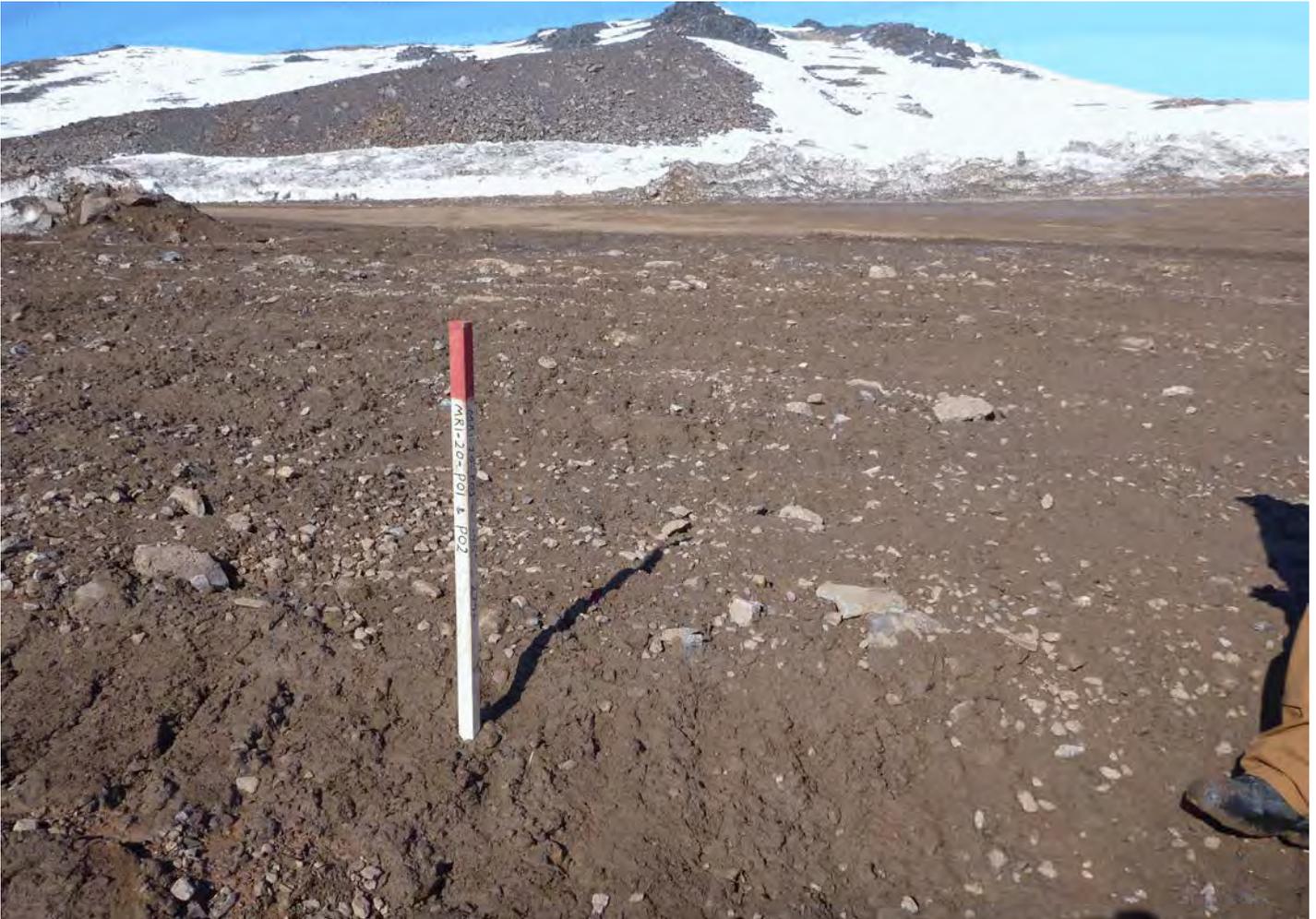
Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-270



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: deposit 1, north limb extension

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Purpose: Test down dip extension of NLE

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-270



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: deposit 1, north limb extension

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Purpose: Test down dip extension of NLE

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-270



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1, north limb extension

Purpose: Test down dip extension of NLE

Easting: 564,036.00

Northing: 7,915,609.00

Elevation: 568.00

Grid Type: UTM83-17

NTS: 37G/5

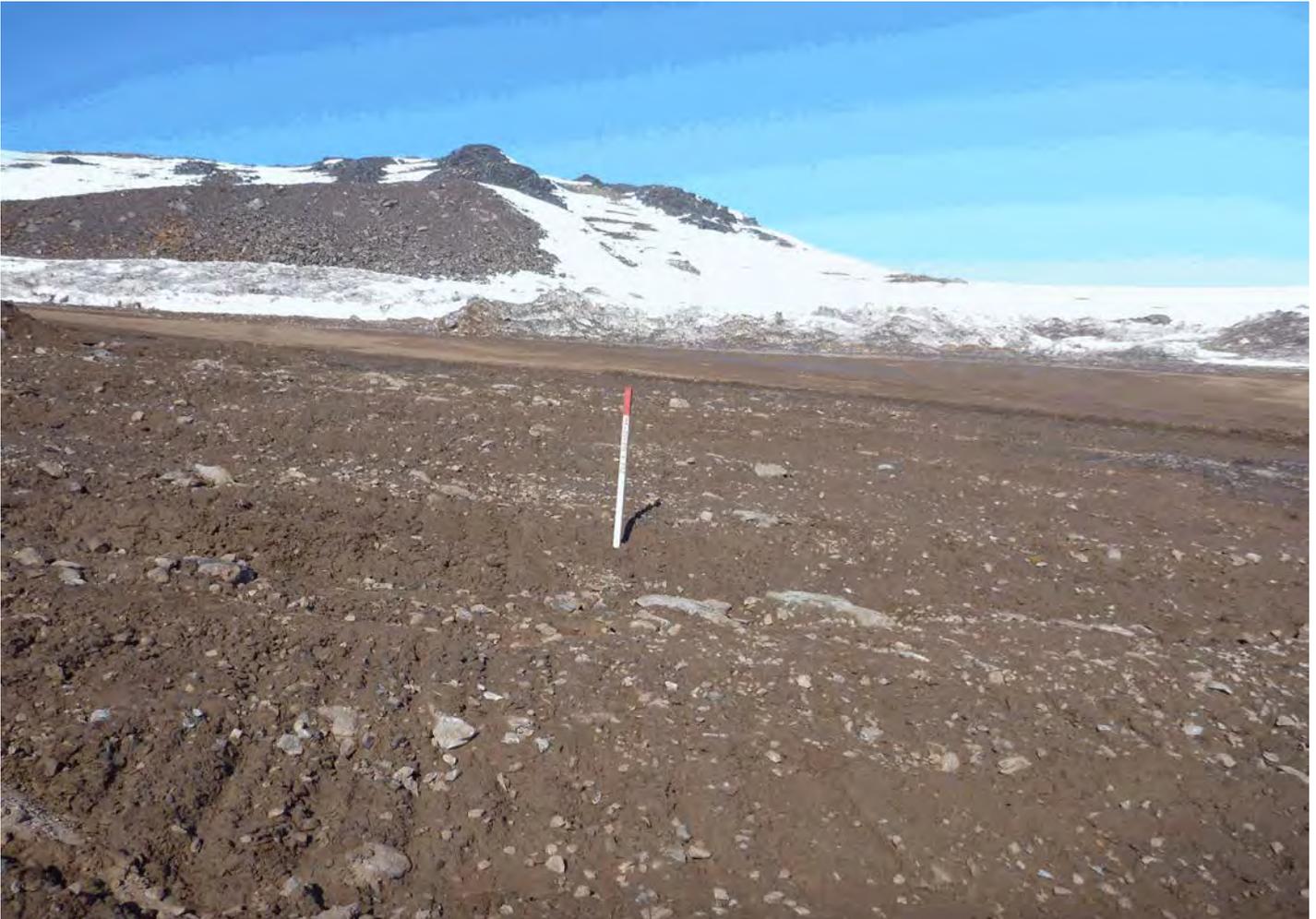
Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-270



Working Collar Information

| | | | |
|---------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,036.00 |
| Project: | Mary River | Northing: | 7,915,609.00 |
| Area: | Deposit No. 1 | Elevation: | 568.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 6/23/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: Missing lined berms
Are any corrective actions required: They built fall protection as we were at the site
Correct Action Plan (if required):
Corrective Action Due Date: 6/23/2020
Responsible Party:

General Comments

inspection done by Massoud

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | Y | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-270\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

| | | | |
|---------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,036.00 |
| Project: | Mary River | Northing: | 7,915,609.00 |
| Area: | Deposit No. 1 | Elevation: | 568.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 6/24/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 35.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: Missing lined berms

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-270\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

| | | | |
|--------------|--------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,036.00 |
| Project: | Mary River | Northing: | 7,915,609.00 |
| Area: | Deposit No. 1 | Elevation: | 568.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

| | | | |
|---------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,036.00 |
| Project: | Mary River | Northing: | 7,915,609.00 |
| Area: | Deposit No. 1 | Elevation: | 568.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 6/26/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 260.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,718.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: Missing lined berms
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Fuel tanks not in berms

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-270\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Working Collar Information

Proposed ID: MR1-20-P01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension of NLE

Easting: 564,036.00
Northing: 7,915,609.00
Elevation: 568.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-270



Inspection Details**Inspector:** Carl-Philippe Folkesson **Date & Time:** 9/27/2020**Final Collar Information**

| | | | |
|---------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,032.76 |
| Project: | Mary River | Northing: | 7,915,610.38 |
| Area: | Deposit No. 1 | Elevation: | 557.97 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|---|----------------------------|---|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 242.00 | End Date of Drilling: | 6/26/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|--|----|---------------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments**Photographic Record**

Post Clean-Up Photos Taken:
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-270\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,032.76 |
| Project: | Mary River | Northing: | 7,915,610.38 |
| Area: | Deposit No. 1 | Elevation: | 557.97 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-270



Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-270



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P01 | Easting: | 564,032.76 |
| Project: | Mary River | Northing: | 7,915,610.38 |
| Area: | Deposit No. 1 | Elevation: | 557.97 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension of NLE | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-270



Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-270



APPENDIX E.2.2
2020 Exploration
Location— MR1-20-271

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/16/2020

Proposed Collar Information

| | |
|---|-------------------------------|
| Proposed ID: MR1-20-P03 | Easting: 564,087.00 |
| Project: Mary River | Northing: 7,915,589.00 |
| Area: Deposit No. 1 | Elevation: 561.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Pit Pinnacle on the edge of the berm | Azimuth: 292.00 |
| | Dip: -60.00 |
| Purpose: MR1 Northern limb extension definition | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: Yes | Foreman: Todd Cyr |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-25 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | |
|--|--------------------------------------|
| Water Source: 108.5km water sump | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No |
| Natural Depression/Drainage evident: No | Recirculation to be used: Yes |
| Man-made sump constructed: No | Silt Bag to be used: No |

Site Assessment

| |
|---|
| Is Wildlife Present: No |
| Is the Site safe for drilling: Yes |
| Outstanding safety concerns: Need to be careful with pit heavy equipment, maintain positive contact when close to water, equipment and drill cuttings will remain in the pit |
| Outstanding environmental concerns: None |

General Comments

Photographic Record

| |
|---|
| All required photos were taken: Y |
| Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-271\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

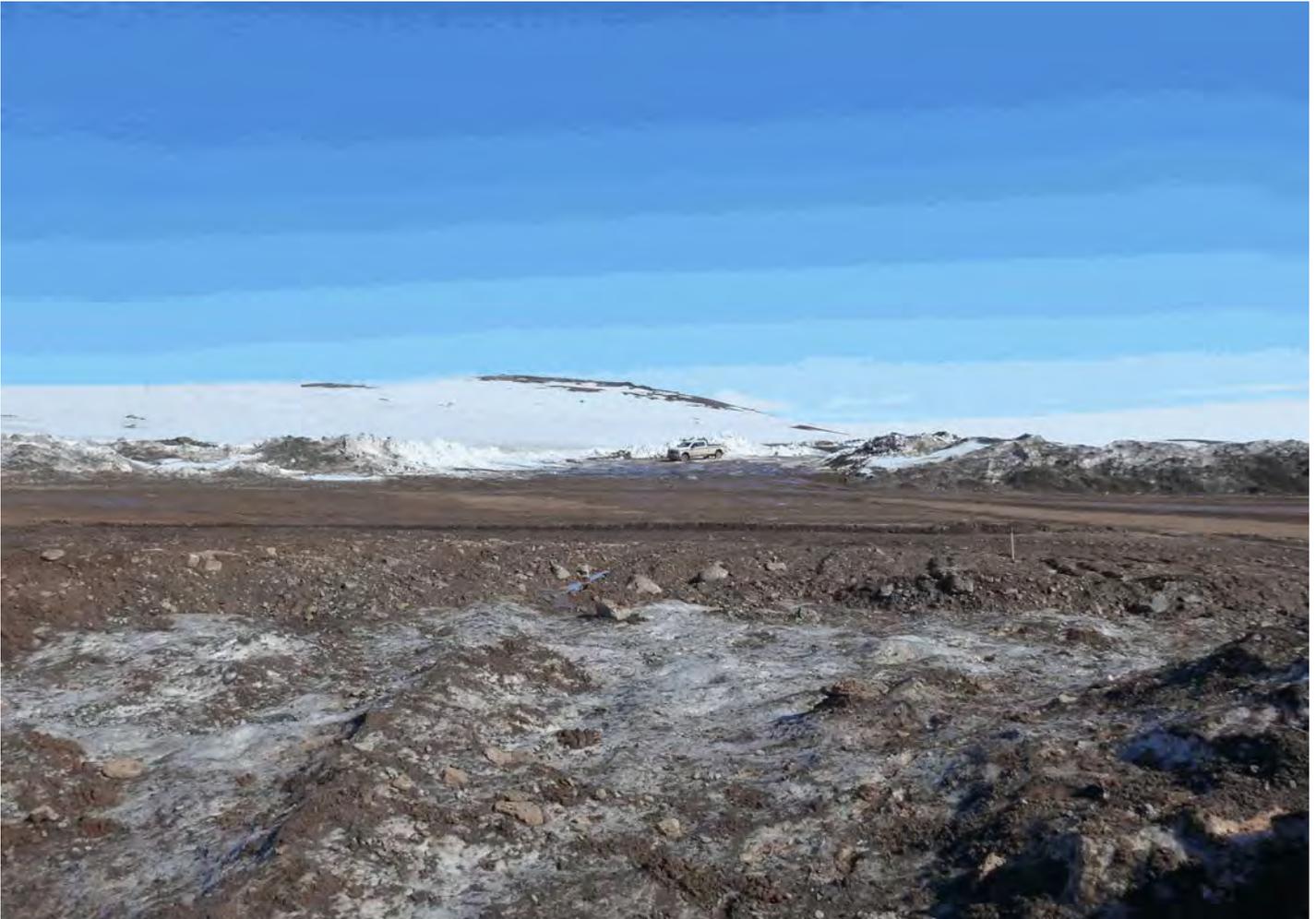
Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: MR1 Northern limb extension definition

Easting: 564,087.00

Northing: 7,915,589.00

Elevation: 561.00

Grid Type: UTM83-17

NTS: 37G/5

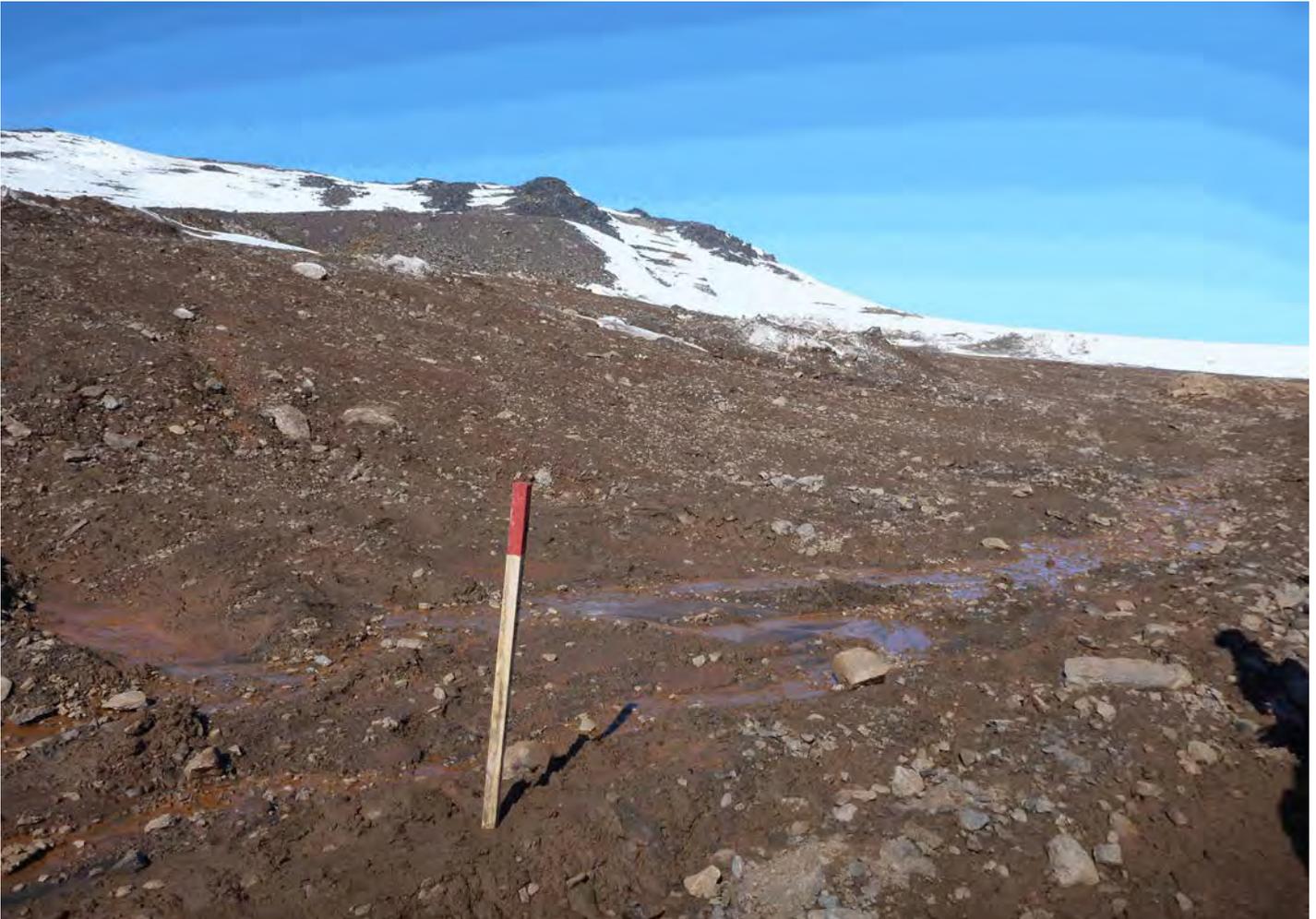
Azimuth: 292.00

Dip: -60.00

Photographic Record

Photo Date: 6/13/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-271



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,087.00 |
| Project: | Mary River | Northing: | 7,915,589.00 |
| Area: | Deposit No. 1 | Elevation: | 561.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 6/26/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|--|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 80.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Water return lost, water outflowing into silt fence area | | |

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

water pump used digital display with 2 readings: reading 1 = 178687 reading 2 = 120964; lithology of current core = chlorite schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-271\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 Northern limb extension definition

Easting: 564,087.00
Northing: 7,915,589.00
Elevation: 561.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 292.00
Dip: -60.00

Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Working Collar Information

Proposed ID: MR1-20-P03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 Northern limb extension definition

Easting: 564,087.00
Northing: 7,915,589.00
Elevation: 561.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 292.00
Dip: -60.00

Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Working Collar Information

Proposed ID: MR1-20-P03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 Northern limb extension definition

Easting: 564,087.00
Northing: 7,915,589.00
Elevation: 561.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 292.00
Dip: -60.00

Photographic Record

Photo Date: 6/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,087.00 |
| Project: | Mary River | Northing: | 7,915,589.00 |
| Area: | Deposit No. 1 | Elevation: | 561.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 6/27/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 170.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|----------------------------------|--|--------|
| Sediment Controls Measures in place: | Silt fence, fence poles backward | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 200.00 |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

dital water pump reading 197669 and 139959, lithology in BIF

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-271\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 Northern limb extension definition

Easting: 564,087.00
Northing: 7,915,589.00
Elevation: 561.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 292.00
Dip: -60.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Photographic Record

Photo Date: 6/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Working Collar Information

Proposed ID: MR1-20-P03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 Northern limb extension definition

Easting: 564,087.00
Northing: 7,915,589.00
Elevation: 561.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 292.00
Dip: -60.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Photographic Record

Photo Date: 6/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Working Collar Information

Proposed ID: MR1-20-P03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 Northern limb extension definition

Easting: 564,087.00
Northing: 7,915,589.00
Elevation: 561.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 292.00
Dip: -60.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|--|------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,085.86 |
| Project: | Mary River | Northing: | 7,915,589.60 |
| Area: | Deposit No. 1 | Elevation: | 550.69 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 251.00 | End Date of Drilling: | 6/28/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-271\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,085.86 |
| Project: | Mary River | Northing: | 7,915,589.60 |
| Area: | Deposit No. 1 | Elevation: | 550.69 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,085.86 |
| Project: | Mary River | Northing: | 7,915,589.60 |
| Area: | Deposit No. 1 | Elevation: | 550.69 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,085.86 |
| Project: | Mary River | Northing: | 7,915,589.60 |
| Area: | Deposit No. 1 | Elevation: | 550.69 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-271



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P03 | Easting: | 564,085.86 |
| Project: | Mary River | Northing: | 7,915,589.60 |
| Area: | Deposit No. 1 | Elevation: | 550.69 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 Northern limb extension definition | Azimuth: | 292.00 |
| | | Dip: | -60.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-271



APPENDIX E.2.3
2020 Exploration
Location— MR1-20-272

Inspection Details

Inspector: Jordan Siewnarine Date: 6/26/2020

Proposed Collar Information

| | | | |
|------------------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | deposit 1 east of hall road, 158m down strike, down slope of km109 | Azimuth: | 295.00 |
| Purpose: | Test down dip extension for North Limb Extension | Dip: | -62.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 6/30/2020 |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | 108.5 km Sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|-----|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | |

General Comments

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 6/26/2020

Proposed Collar Information

Proposed ID: MR1-20-P06

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1 east of hall road, 158m down strike, down slope of km109

Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00

Northing: 7,915,462.00

Elevation: 566.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-272



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/26/2020

Proposed Collar Information

Proposed ID: MR1-20-P06

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1 east of hall road, 158m down strike, down slope of km109

Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00

Northing: 7,915,462.00

Elevation: 566.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-272



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/26/2020

Proposed Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: deposit 1 east of hall road, 158m down strike, down slope of km109
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-272



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/26/2020

Proposed Collar Information

Proposed ID: MR1-20-P06

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1 east of hall road, 158m down strike, down slope of km109

Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00

Northing: 7,915,462.00

Elevation: 566.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-272



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/26/2020

Proposed Collar Information

Proposed ID: MR1-20-P06

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: deposit 1 east of hall road, 158m down strike, down slope of km109

Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00

Northing: 7,915,462.00

Elevation: 566.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 6/23/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 6/29/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 0.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|----------------------------|--|----------|
| Sediment Controls Measures in place: | Silt fence to be installed | | |
| Assessment of Effectiveness: | Good | Water Meter Reading: | 3,835.60 |
| Salt Used (bags): | 0.00 | Salt Used (kg): | 0.00 |
| Wildlife Observed: | No | Are there fully stocked spill kits available (2): | Y |
| | | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns: silt fence not installed, possible rock fall from near by step

Are any corrective actions required:

Correct Action Plan (if required): Silt fence to be installed within the day

Corrective Action Due Date:

Responsible Party:

General Comments

inspected at the start of drilling

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 6/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 6/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



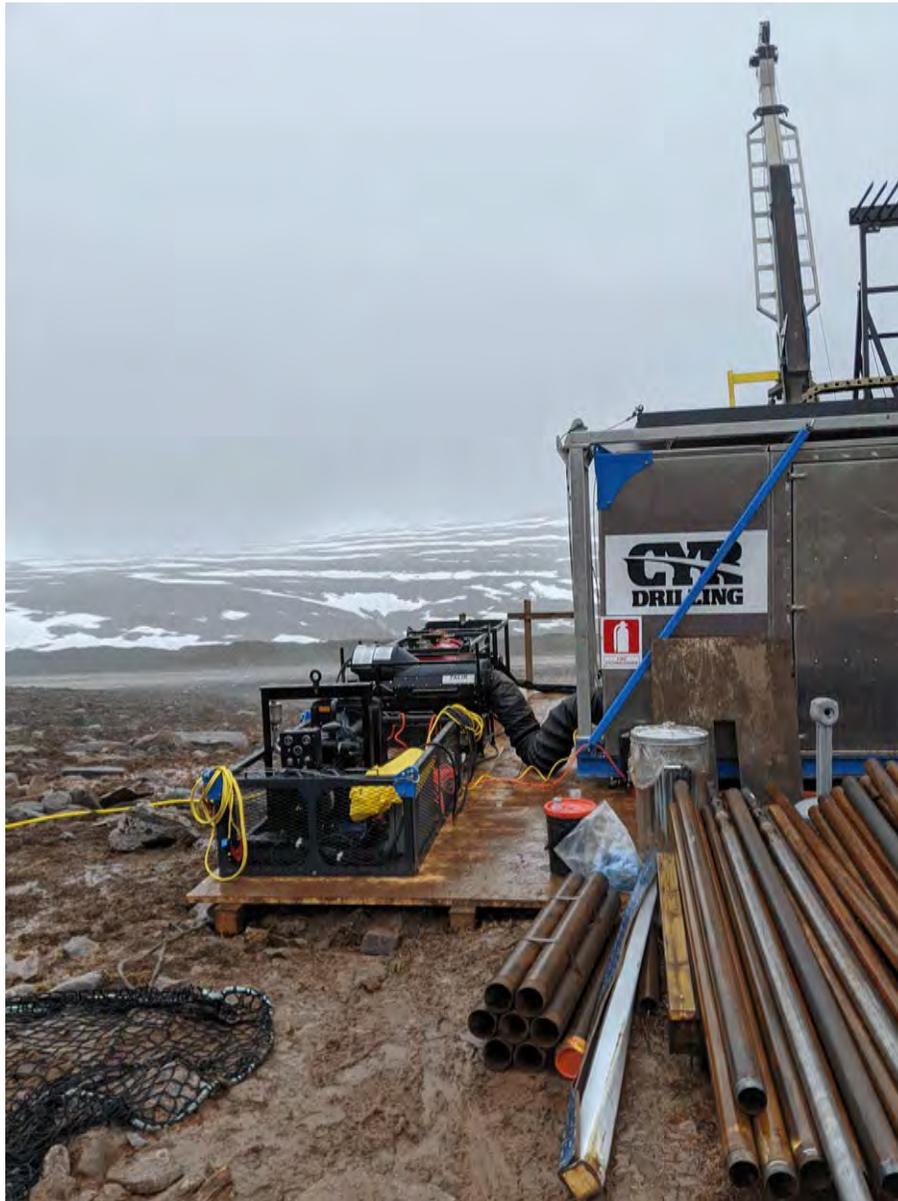
Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 6/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 6/30/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 92.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Fans stopped working but switched to water cooler

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,910.90 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 80.00 |
| Salt Used (bags): | 4.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithology in silicified Pelite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 6/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 6/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/1/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 170.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,971.90 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Current lithology chlorite schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/2/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 266.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,045.40 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Current lithology is high grade, Sand bags to be brought up today for silt fence

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/3/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 338.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,113.90 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required): Need sand bags for silt fence
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Garnet schist

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,005.00 |
| Project: | Mary River | Northing: | 7,915,462.00 |
| Area: | Deposit No. 1 | Elevation: | 566.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/4/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 362.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,172.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:

Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date: 7/4/2020
Responsible Party:

General Comments

Eoh

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P06
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Test down dip extension for North Limb Extension

Easting: 564,005.00
Northing: 7,915,462.00
Elevation: 566.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Photographic Record

Photo Date: 7/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-272



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|--|------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,013.47 |
| Project: | Mary River | Northing: | 7,915,457.75 |
| Area: | Deposit No. 1 | Elevation: | 555.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 362.00 | End Date of Drilling: | 7/3/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|-------------------------------|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | Yes | | |
| Description of environmental concerns: | Sink hole opened up under pad | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

| | |
|-----------------------------|---|
| Post Clean-Up Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-272\Post-Drilling Inspection Photos |

Inspection Details

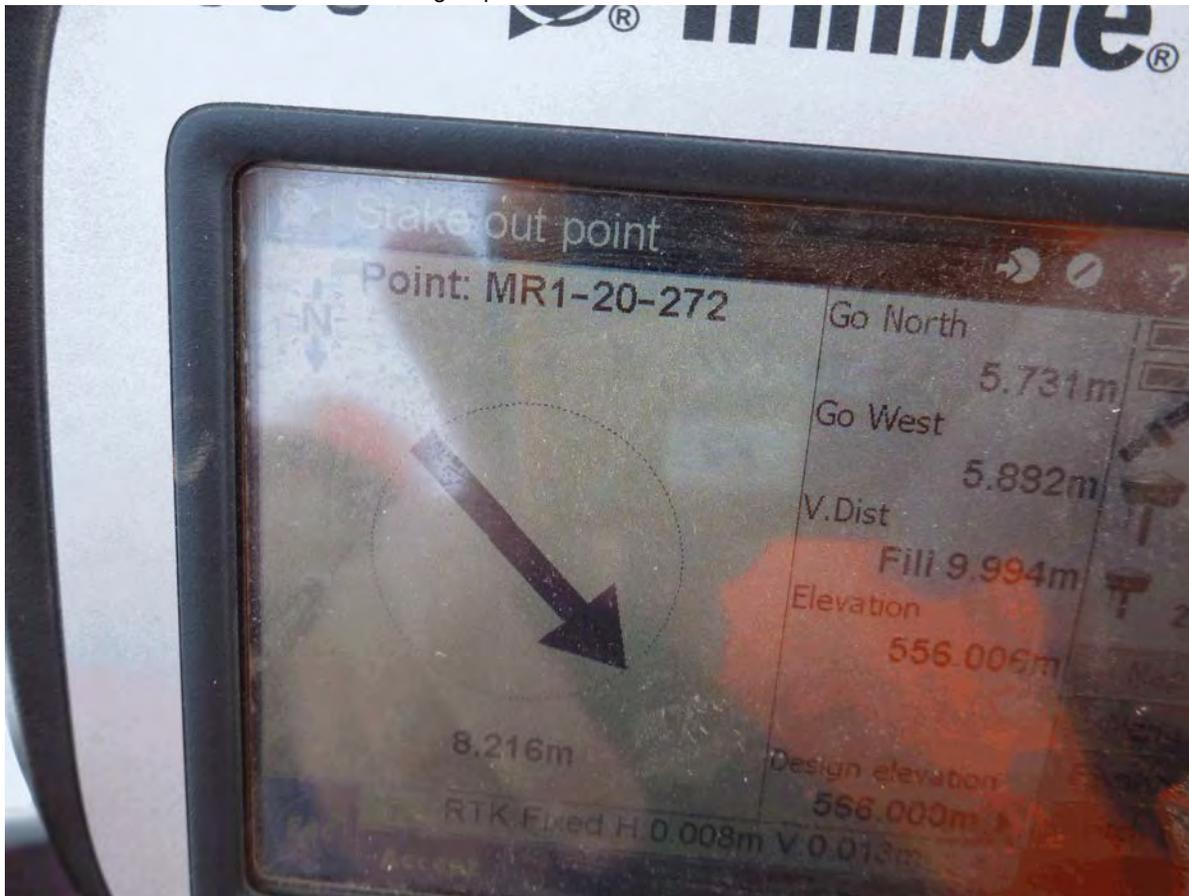
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,013.47 |
| Project: | Mary River | Northing: | 7,915,457.75 |
| Area: | Deposit No. 1 | Elevation: | 555.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-272



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,013.47 |
| Project: | Mary River | Northing: | 7,915,457.75 |
| Area: | Deposit No. 1 | Elevation: | 555.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-272



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,013.47 |
| Project: | Mary River | Northing: | 7,915,457.75 |
| Area: | Deposit No. 1 | Elevation: | 555.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-272



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P06 | Easting: | 564,013.47 |
| Project: | Mary River | Northing: | 7,915,457.75 |
| Area: | Deposit No. 1 | Elevation: | 555.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Test down dip extension for North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-272



APPENDIX E.2.4
2020 Exploration
Location— MR1-20-273

Inspection Details

Inspector: Jordan Siewnarine **Date:** 6/30/2020

Proposed Collar Information

| | |
|---|-------------------------------|
| Proposed ID: MR1-20-P04 | Easting: 563,950.00 |
| Project: Mary River | Northing: 7,915,488.00 |
| Area: Deposit No. 1 | Elevation: 577.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: North limb extension deposit 1 near km 108.5 | Azimuth: 295.00 |
| | Dip: -45.00 |
| Purpose: MR1 North limb extension definition | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: Yes | Foreman: Fred Crivea |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-25 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | | | |
|---|--------------------------------------|--|--|
| Water Source: 108.5km water sump | | | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No | | |
| Natural Depression/Drainage evident: Yes | Recirculation to be used: Yes | | |
| Man-made sump constructed: No | Silt Bag to be used: No | | |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: No | |
| Is the Site safe for drilling: Yes | |
| Outstanding safety concerns: Possible loose boulder up slope of drill | |
| Outstanding environmental concerns: | |

General Comments

NLE

Photographic Record

| | |
|--|--|
| All required photos were taken: Y | |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 6/30/2020

Proposed Collar Information

Proposed ID: MR1-20-P04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension deposit 1 near km 108.5

Purpose: MR1 North limb extension definition

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-273



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/30/2020

Proposed Collar Information

Proposed ID: MR1-20-P04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension deposit 1 near km 108.5

Purpose: MR1 North limb extension definition

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-273



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/30/2020

Proposed Collar Information

Proposed ID: MR1-20-P04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension deposit 1 near km 108.5

Purpose: MR1 North limb extension definition

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-273



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/30/2020

Proposed Collar Information

Proposed ID: MR1-20-P04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension deposit 1 near km 108.5

Purpose: MR1 North limb extension definition

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-273



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/30/2020

Proposed Collar Information

Proposed ID: MR1-20-P04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension deposit 1 near km 108.5

Purpose: MR1 North limb extension definition

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-273



Inspection Details

Inspector: Jordan Siewnarine

Date: 6/30/2020

Proposed Collar Information

Proposed ID: MR1-20-P04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension deposit 1 near km 108.5

Purpose: MR1 North limb extension definition

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/1/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 0.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Unstable platform, timbers at drill collar site

Environmental Assessment

| | | | |
|---|----------------------------|--|------|
| Sediment Controls Measures in place: | Silt fence to be installed | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required): Boards to be fastened down
Corrective Action Due Date:
Responsible Party:

General Comments

Drill now starting up Water gauge broken

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/2/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 18.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Current litho is boulders/overburden Water pump gauge broken

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/3/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 102.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithology: Chlorite schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/4/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 159.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Water sump running low, clogged up line with rocks and debris, drilling has stopped and the line is being cleared

Environmental Assessment

| | | | |
|---|------------|--|------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 27.4 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Enriched bif, sink hole opened up under platform

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/5/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 219.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 41.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

High grade; the water from sump is low and silt/muddy

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/6/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 291.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 89.20 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns: Sink hole opened up under pad

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments

Lithe: Silicified mica schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Photographic Record

Photo Date: 7/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

Proposed ID: MR1-20-P04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-273



Working Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/7/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|------------------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 291.00 | | |
| Any items lost downhole? | Yes | | |
| What was lost: | Steel pipes but working to de-thaw | | |
| Delays (if any) caused by: | EoH, Hole froze | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | | |
| Assessment of Effectiveness: | Good | Water Meter Reading: | 149.80 |
| Salt Used (bags): | 0.00 | Salt Used (kg): | 0.00 |
| Wildlife Observed: | No | Are there fully stocked spill kits available (2): | Y |
| | | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Hole frozen but flushing with hot water to dethaw and retrieve steel casings

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Daily-Drill Inspection Photos | | | | |

Photographic Record**Photo Date:****Comments:**

Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|-------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 294.00 | End Date of Drilling: | 7/7/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-273\Post-Drilling Inspection Photos

Inspection Details

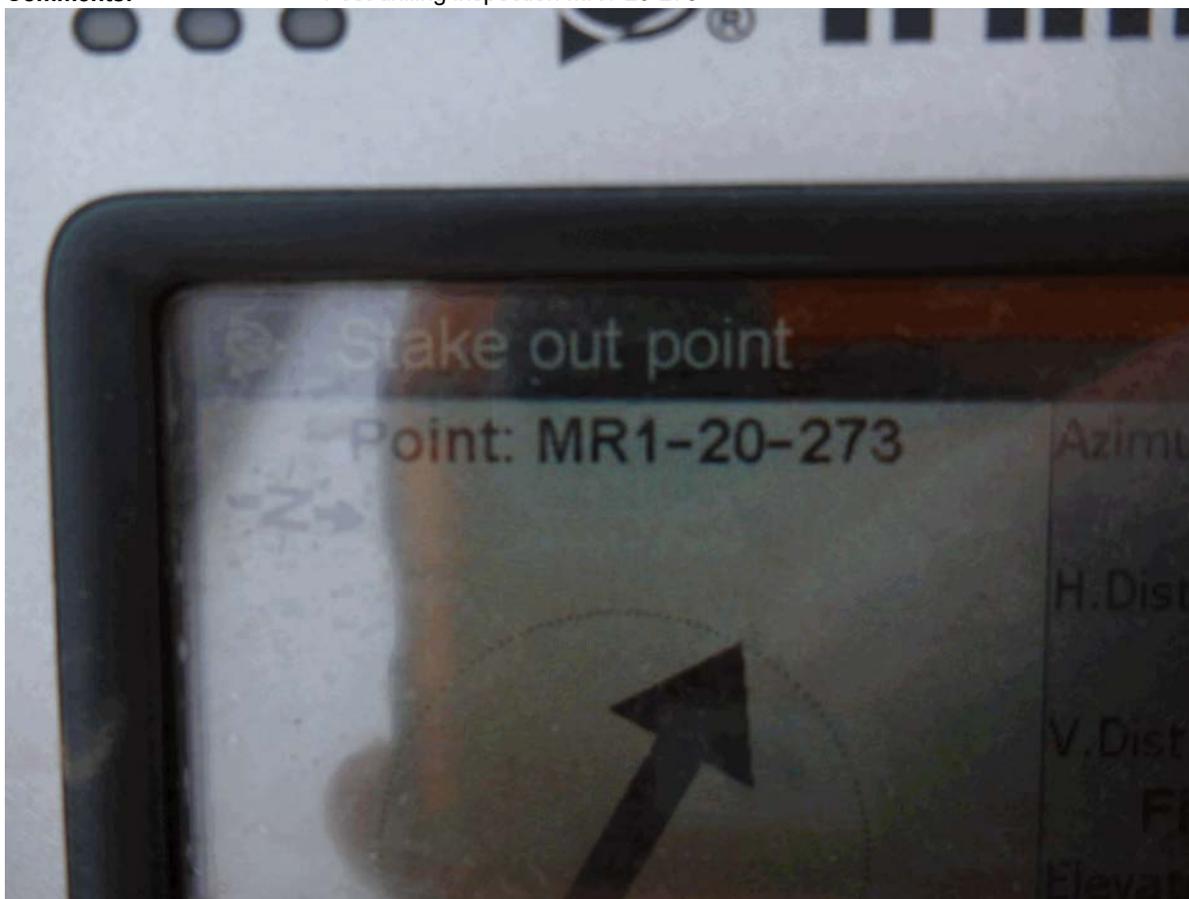
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-273



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-273



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P04 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-273



APPENDIX E.2.5
2020 Exploration
Location— MR3-20-274

Inspection Details

Inspector: Jordan Siewnarine Date: 7/1/2020

Proposed Collar Information

| | | | |
|------------------------------|----------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 3 West | Azimuth: | 350.00 |
| | | Dip: | -45.00 |
| Purpose: | Target MR3W | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/3/2020 |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|------------|----------------------------------|-----|
| Water Source: | Mary River | | |
| Portable Tanks to be Used: | Yes | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Wet slope, several small drainage channels from top of deposit 3 |
| Outstanding environmental concerns: | |

General Comments

MR3W

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR2-20-274\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/1/2020

Proposed Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3 West

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Purpose: Target MR3W

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-274



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/1/2020

Proposed Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3 West

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Purpose: Target MR3W

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-274



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/1/2020

Proposed Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3 West

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Purpose: Target MR3W

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-274



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/1/2020

Proposed Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3 West

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Purpose: Target MR3W

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-274



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/1/2020

Proposed Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3 West

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Purpose: Target MR3W

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-274



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/4/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 53.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,291.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithology: BIF

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-274\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/4/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/4/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/4/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/4/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/4/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/4/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/5/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 101.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,362.50 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | Yes | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

911 bit went thru hero 9 and 7 litho is pelite + SIF

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-274\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/5/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/5/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/6/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 182.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,463.90 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 220.00 |
| Salt Used (bags): | 11.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: High grade + spec

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-274\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/6/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/6/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/6/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/6/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/7/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 239.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,520.7 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Chlorite schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-274\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/7/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/7/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/7/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/7/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/7/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/7/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/8/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 308.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,610.4 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 240.00 |
| Salt Used (bags): | 12.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: Muscovite Phyllite completion of hole today, to be surveyed

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-274\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/8/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/8/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/8/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/8/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Working Collar Information

Proposed ID: MR3-20-P06
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Target MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/8/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Photographic Record

Photo Date: 7/8/2020 12:00:00AM Daily
Comments: inspection MR3-20-274



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 311.00 | End Date of Drilling: | 7/8/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-274\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-274



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-274



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-274



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P06 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Target MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-274



APPENDIX E.2
2020 Exploration Drilling
Inspection Logs

APPENDIX E.2.6
2020 Exploration
Location— MR1-20-275

Inspection Details

Inspector: Jordan Siewnarine Date: 7/4/2020

Proposed Collar Information

| | | | | |
|------------------------------|---|-------------------|-----------------|--------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,768.00 | |
| Project: | Mary River | Northing: | 7,915,329.00 | |
| Area: | Deposit No. 1 | Elevation: | 611.00 | |
| Hole Type: | DDH | Grid Type: | UTM83-17 | |
| Location: | Mary River | NTS: | 37G/5 | |
| Location Description: | North limb extension, at km 109 on old road | | Azimuth: | 295.00 |
| | | Dip: | -45.00 | |

Purpose: Further exploration of North Limb Extension

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/4/2020 |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | Km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Need to install fall rails; platform greater than 6 feet tall |
| Outstanding environmental concerns: | |

General Comments

IZ

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-275\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension, at km 109 on old road

Purpose: Further exploration of North Limb Extention

Easting: 563,768.00

Northing: 7,915,329.00

Elevation: 611.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension, at km 109 on old road

Purpose: Further exploration of North Limb Extention

Easting: 563,768.00

Northing: 7,915,329.00

Elevation: 611.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension, at km 109 on old road

Purpose: Further exploration of North Limb Extention

Easting: 563,768.00

Northing: 7,915,329.00

Elevation: 611.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension, at km 109 on old road

Purpose: Further exploration of North Limb Extension

Easting: 563,768.00

Northing: 7,915,329.00

Elevation: 611.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension, at km 109 on old road

Purpose: Further exploration of North Limb Extension

Easting: 563,768.00

Northing: 7,915,329.00

Elevation: 611.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: North limb extension, at km 109 on old road

Easting: 563,768.00
Northing: 7,915,329.00
Elevation: 611.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Purpose: Further exploration of North Limb Extension

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/4/2020

Proposed Collar Information

Proposed ID: MR1-20-P08

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North limb extension, at km 109 on old road

Purpose: Further exploration of North Limb Extension

Easting: 563,768.00

Northing: 7,915,329.00

Elevation: 611.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 6/27/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-275



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,768.00 |
| Project: | Mary River | Northing: | 7,915,329.00 |
| Area: | Deposit No. 1 | Elevation: | 611.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/5/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 30.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,208.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

CHL schist 15gal/mins approx 2200g a day

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-275\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P08
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of North Limb Extension

Easting: 563,768.00
Northing: 7,915,329.00
Elevation: 611.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Working Collar Information

Proposed ID: MR1-20-P08
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of North Limb Extension

Easting: 563,768.00
Northing: 7,915,329.00
Elevation: 611.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,768.00 |
| Project: | Mary River | Northing: | 7,915,329.00 |
| Area: | Deposit No. 1 | Elevation: | 611.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/6/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 160.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,266.80 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | Yes | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: High grade need sand bags for silt fence; seen couple lemmings

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-275\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P08
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of North Limb Extension

Easting: 563,768.00
Northing: 7,915,329.00
Elevation: 611.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Photographic Record

Photo Date: 7/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,768.00 |
| Project: | Mary River | Northing: | 7,915,329.00 |
| Area: | Deposit No. 1 | Elevation: | 611.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/7/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 255.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,294.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: Silicified mica schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-275\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P08
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of North Limb Extension

Easting: 563,768.00
Northing: 7,915,329.00
Elevation: 611.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Photographic Record

Photo Date: 7/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Working Collar Information

Proposed ID: MR1-20-P08
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of North Limb Extension

Easting: 563,768.00
Northing: 7,915,329.00
Elevation: 611.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Photographic Record

Photo Date: 7/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-275



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,766.28 |
| Project: | Mary River | Northing: | 7,915,329.59 |
| Area: | Deposit No. 1 | Elevation: | 603.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 270.00 | End Date of Drilling: | 7/7/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-275\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,766.28 |
| Project: | Mary River | Northing: | 7,915,329.59 |
| Area: | Deposit No. 1 | Elevation: | 603.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-275



Inspection Details

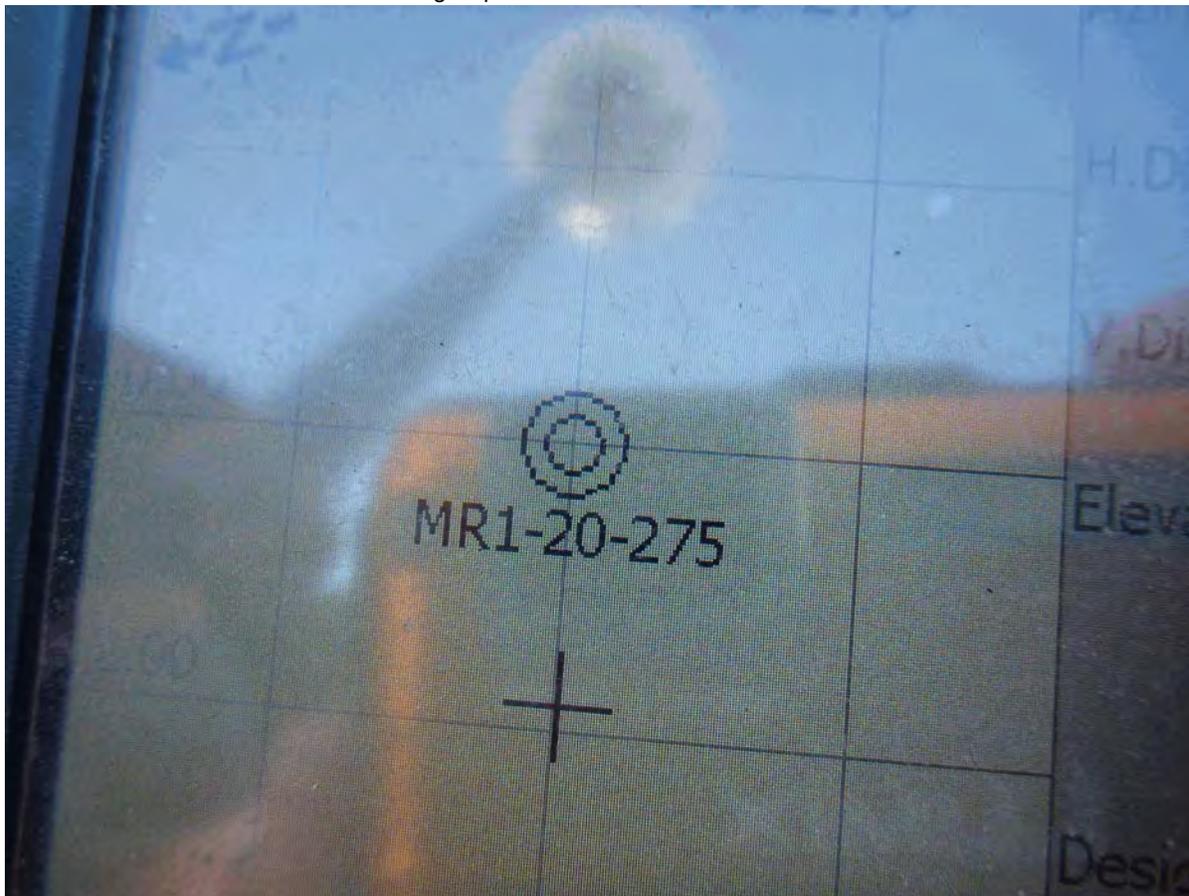
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,766.28 |
| Project: | Mary River | Northing: | 7,915,329.59 |
| Area: | Deposit No. 1 | Elevation: | 603.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-275



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,766.28 |
| Project: | Mary River | Northing: | 7,915,329.59 |
| Area: | Deposit No. 1 | Elevation: | 603.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM

Comments: Post drilling inspection MR1-20-275



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,766.28 |
| Project: | Mary River | Northing: | 7,915,329.59 |
| Area: | Deposit No. 1 | Elevation: | 603.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-275



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P08 | Easting: | 563,766.28 |
| Project: | Mary River | Northing: | 7,915,329.59 |
| Area: | Deposit No. 1 | Elevation: | 603.19 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-275



APPENDIX E.2.7
2020 Exploration
Location— MR1-20-276

Inspection Details

Inspector: Jordan Siewnarine Date: 7/8/2020

Proposed Collar Information

| | | | |
|------------------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,950.00 |
| Project: | Mary River | Northing: | 7,915,488.00 |
| Area: | Deposit No. 1 | Elevation: | 577.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | North Limb Extension, near km 108.5 | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Purpose: Further exploration of down dip extension of North Limb Extension

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/8/2020 |
| Drill #: | A5-25 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | Km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|----------------------|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Sink hole behind pad |
| Outstanding environmental concerns: | |

General Comments

NLE

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/8/2020

Proposed Collar Information

Proposed ID: MR1-20-P05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, near km 108.5

Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-276



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/8/2020

Proposed Collar Information

Proposed ID: MR1-20-P05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, near km 108.5

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Purpose: Further exploration of down dip extension of North Limb Extension

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-276



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/8/2020

Proposed Collar Information

Proposed ID: MR1-20-P05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, near km 108.5

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Purpose: Further exploration of down dip extension of North Limb Extension

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-276



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/8/2020

Proposed Collar Information

Proposed ID: MR1-20-P05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, near km 108.5

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Purpose: Further exploration of down dip extension of North Limb Extension

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-276



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/8/2020

Proposed Collar Information

Proposed ID: MR1-20-P05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, near km 108.5

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Purpose: Further exploration of down dip extension of North Limb Extension

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-276



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/8/2020

Proposed Collar Information

Proposed ID: MR1-20-P05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, near km 108.5

Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,950.00

Northing: 7,915,488.00

Elevation: 577.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 6/30/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/11/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 197.30 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: Missing lined berms

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments

start of hole, casings being put in; needs sand bags and berms

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 7/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/12/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 0.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 201.10 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: Missing lined berms
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Casings being put in, need berms

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/13/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 32.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 252.30 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 30.00 |
| Salt Used (bags): | 1.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Lithe vilified chlorite schist; night shift used 6 bags of salt; additional casings put in yesterday; silt fence needs sand bags, fuel tanks need berms

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 86.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 289.70 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required: mincon added extra supports to the platform, need pump to pump out water
Correct Action Plan (if required):
Corrective Action Due Date: 7/14/2020
Responsible Party:

General Comments

Litho: Dominant pelite +/- Mica Shcist; night shift used 4 bags of salt, silt fence needs sand bags

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** Y **Production Photos Taken:** N
Location of photos: M:\EXPLORATION\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 116.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 307.40 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Corrective Action Due Date:
Responsible Party:

General Comments

Hit high grade at 100m for about 6m but now back in silicified pelate +/- mica schis time 4:07

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos | | | | |

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 86.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 289.70 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required: mincon added extra supports to the platform, need pump to pump out water
Correct Action Plan (if required):
Corrective Action Due Date: 7/14/2020
Responsible Party:

General Comments

Litho: Dominant pelite +/- Mica Shcist; night shift used 4 bags of salt, silt fence needs sand bags

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** Y **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 116.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 307.40 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Corrective Action Due Date:
Responsible Party:

General Comments

Hit high grade at 100m for about 6m but now back in silicified pelate +/- mica schis time 4:07

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/15/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 176.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 347.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: High grade Been there since 166 Needs rods, silt screen, water is silty sludging up water circulation; since extra rods are needed and it is foggy (no Heli support) circulating hot water to keep hole from freezing

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

Proposed ID: MR1-20-P05
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Further exploration of down dip extension of North Limb Extension

Easting: 563,962.00
Northing: 7,915,482.00
Elevation: 574.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-276



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/16/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 233.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 414.40 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: High grade been in high grade for 18m; silt fence will need to be expanded, within the day, water from sump is silty and plugging up recirculation

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos

Photographic Record

Photo Date:

Comments:



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,962.00 |
| Project: | Mary River | Northing: | 7,915,482.00 |
| Area: | Deposit No. 1 | Elevation: | 574.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/17/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 292.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Hole partially frozen during bit change flushing with hot water should free up soon

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 469.80 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 10.00 |
| Salt Used (bags): | 0.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Biotite garnet schist, eoh within the day

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Daily-Drill Inspection Photos

Photographic Record

Photo Date:
Comments:



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 291.20 | End Date of Drilling: | 7/17/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-276\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-276



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P05 | Easting: | 563,959.34 |
| Project: | Mary River | Northing: | 7,915,483.75 |
| Area: | Deposit No. 1 | Elevation: | 564.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Further exploration of down dip extension of North Limb Extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-276



APPENDIX E.2.8
2020 Exploration
Location— MR1-20-277

Inspection Details

Inspector: Jordan Siewnarine Date: 7/11/2020

Proposed Collar Information

| | | | | |
|------------------------------|--|-------------------|-----------------|--------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,785.00 | |
| Project: | Mary River | Northing: | 7,915,151.00 | |
| Area: | Deposit No. 1 | Elevation: | 596.00 | |
| Hole Type: | DDH | Grid Type: | UTM83-17 | |
| Location: | Mary River | NTS: | 37G/5 | |
| Location Description: | North Limb Extension, Deposit 1, near km 107 | | Azimuth: | 295.00 |
| | | Dip: | -45.00 | |
| Purpose: | MR1 North limb definition drilling | | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/12/2020 |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|-----|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P09

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, Deposit 1, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-277



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P09

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, Deposit 1, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-277



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P09

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, Deposit 1, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-277



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P09

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, Deposit 1, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-277



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P09

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, Deposit 1, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-277



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P09

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: North Limb Extension, Deposit 1, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-277



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/12/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|-----|--|----------|
| Sediment Controls Measures in place: | | Water Meter Reading: | 4,294.70 |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | Yes | Are all hydrocarbons in secondary containment: | N |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments

Before start of drilling, casings haven't been put in yet, needs silt fence, berms, pegs; fox seen near drill pad

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/13/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|---|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 29.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Recirculation pump cutting off, replaced fuel union and pump is working | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,298.60 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 30.00 |
| Salt Used (bags): | 1.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Litho CHL schist, having problems with recirculation pump, replaced union, working now; fuel tanks need berms; night shift used 6 bags of salt; water meter reading from ~3:50pm

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 71.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Had to change bearing on drill

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,300.80 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: Chlorite schist; need berms for fuel

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 116.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Changing bit every 7 m

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,342.60 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: High grade; Water meter broken same reading as morning but approximated using MR1-20-276;

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 71.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Had to change bearing on drill

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,300.80 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: Chlorite schist; need berms for fuel

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 116.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Changing bit every 7 m

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,342.60 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: High grade; Water meter broken same reading as morning but approximated using MR1-20-276;

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
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Photo Date: 7/14/2020 12:00:00AM
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Photographic Record

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Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
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NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/15/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 147.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Running low on fuel

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,410.60 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 10.00 |
| Salt Used (bags): | 0.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Mica schist; water meter broken but approximated with drill data from MR1-20-276

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Working Collar Information

Proposed ID: MR1-20-P09
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-277



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 224.00 | End Date of Drilling: | 7/15/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-277\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-277



Inspection Details

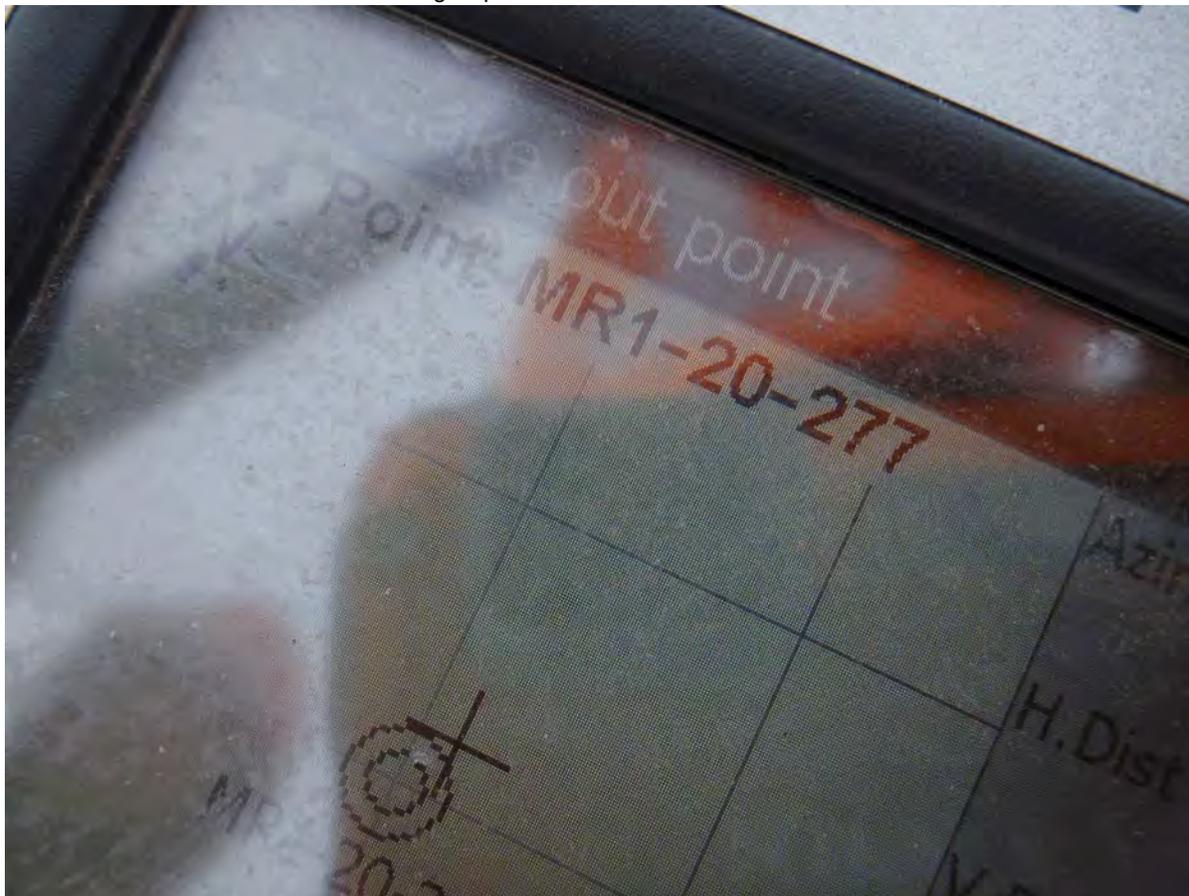
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-277



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-277



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-277



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P09 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-277



APPENDIX E.2.9
2020 Exploration
Location— MR3-20-278

Inspection Details

Inspector: Jordan Siewnarine Date: 7/9/2020

Proposed Collar Information

| | | | | |
|------------------------------|--|-------------------|-----------------|--------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,592.00 | |
| Project: | Mary River | Northing: | 7,913,529.00 | |
| Area: | Deposit No. 3 | Elevation: | 433.00 | |
| Hole Type: | DDH | Grid Type: | UTM83-17 | |
| Location: | Mary River | NTS: | 37G/5 | |
| Location Description: | Deposit 3, facing NE and facing Mary River | | Azimuth: | 350.00 |
| | | Dip: | -55.00 | |
| Purpose: | MR3W | | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/9/2020 |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|------------|----------------------------------|-----|
| Water Source: | Mary River | | |
| Portable Tanks to be Used: | Yes | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

Photographic Record

All required photos were taken: Y
Location of photos: M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-278\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/9/2020

Proposed Collar Information

Proposed ID: MR3-20-P07

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, facing NE and facing Mary River

Purpose: MR3W

Easting: 567,592.00

Northing: 7,913,529.00

Elevation: 433.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -55.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-278



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/9/2020

Proposed Collar Information

Proposed ID: MR3-20-P07

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, facing NE and facing Mary River

Purpose: MR3W

Easting: 567,592.00

Northing: 7,913,529.00

Elevation: 433.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -55.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-278



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/9/2020

Proposed Collar Information

Proposed ID: MR3-20-P07

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, facing NE and facing Mary River

Purpose: MR3W

Easting: 567,592.00

Northing: 7,913,529.00

Elevation: 433.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -55.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-278



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/9/2020

Proposed Collar Information

Proposed ID: MR3-20-P07

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, facing NE and facing Mary River

Purpose: MR3W

Easting: 567,592.00

Northing: 7,913,529.00

Elevation: 433.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -55.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-278



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/9/2020

Proposed Collar Information

Proposed ID: MR3-20-P07

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, facing NE and facing Mary River

Purpose: MR3W

Easting: 567,592.00

Northing: 7,913,529.00

Elevation: 433.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -55.00

Photographic Record

Photo Date: 7/1/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-278



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/12/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 131.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,815.50 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: ultra mafic volcanic with hematite stained veins, silt fence is falling down needs correction and sand bags, night shift used ~6 bags of salt

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\Exploration2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-278\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/13/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 221.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Rods got stuck at start of shift but was able to retrieve

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,906.70 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 140.00 |
| Salt Used (bags): | 7.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: High grade spec for at least 40m, need to put sand bags for silt fence

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-278\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 278.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Hole froze, spent most of the day working to unfreeze and pull rods, now rods are turning

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,000.10 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 700.00 |
| Salt Used (bags): | 35.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lithe: Muscovite CHL schist with serp on joint surfaces

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-278\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,592.00 |
| Project: | Mary River | Northing: | 7,913,529.00 |
| Area: | Deposit No. 3 | Elevation: | 433.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/15/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 296.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,069.30 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 240.00 |
| Salt Used (bags): | 12.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

EOH surveying hole, core packed up

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-278\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Working Collar Information

Proposed ID: MR3-20-P07
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,592.00
Northing: 7,913,529.00
Elevation: 433.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 7/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-278



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 299 | End Date of Drilling: | 7/15/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-278\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-278



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-278



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-278



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P07 | Easting: | 567,591.75 |
| Project: | Mary River | Northing: | 7,913,529.88 |
| Area: | Deposit No. 3 | Elevation: | 430.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-278



APPENDIX E.2.10
2020 Exploration
Location— MR1-20-279

Inspection Details

Inspector: Jordan Siewnarine **Date:** 7/16/2020

Proposed Collar Information

| | | | |
|------------------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 1, near km 107, North limb extension | Azimuth: | 295.00 |
| | | Dip: | -62.00 |
| Purpose: | MR1 North limb definition drilling | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/16/2020 |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|-----|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-279\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P10

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1, near km 107, North limb extension

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-279



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P10

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1, near km 107, North limb extension

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-279



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P10

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1, near km 107, North limb extension

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-279



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P10

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1, near km 107, North limb extension

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-279



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P10

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1, near km 107, North limb extension

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-279



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR1-20-P10

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1, near km 107, North limb extension

Purpose: MR1 North limb definition drilling

Easting: 563,785.00

Northing: 7,915,151.00

Elevation: 596.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-279



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/16/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 29.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,428.60 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 10.00 |
| Salt Used (bags): | 0.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Pelite, need berms for fuel tanks; water meter broken but approximated using previous drill data for 276 and 277

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-279\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/17/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 199.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,079.40 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 10.00 |
| Salt Used (bags): | 0.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: High grade, been in high grade since 115, need berms under fuel, water meter reset and replaced with different unit, starting at 2013.80

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-279\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/18/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 227.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Some hydraulic issues causing rods to not spin, shut down momentarily,

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,143.30 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:

Are any corrective actions required:

Correct Action Plan (if required): Mechanic taking a look at drill at the moment and states its a minor issue and should be fixed soon

Corrective Action Due Date:

Responsible Party:

General Comments

Litho: High grade, for at least 3m

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-279\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279

**Photographic Record**

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,785.00 |
| Project: | Mary River | Northing: | 7,915,151.00 |
| Area: | Deposit No. 1 | Elevation: | 596.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/19/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 320.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,207.20 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date: 7/19/2020

Responsible Party:

General Comments

Litho: Amphibole - quartz gneiss eoh; water reading taken at beginning of night shift at 10:55pm

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-279\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Working Collar Information

Proposed ID: MR1-20-P10
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,785.00
Northing: 7,915,151.00
Elevation: 596.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-279



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 320.00 | End Date of Drilling: | 7/19/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-279\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-279



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-279



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P10 | Easting: | 563,783.31 |
| Project: | Mary River | Northing: | 7,915,152.02 |
| Area: | Deposit No. 1 | Elevation: | 586.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-279



APPENDIX E.2.11
2020 Exploration
Location— MR3-20-280

Inspection Details

Inspector: Jordan Siewnarine Date: 7/16/2020

Proposed Collar Information

| | | | | |
|------------------------------|---|-------------------|-----------------|--------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.00 | |
| Project: | Mary River | Northing: | 7,913,576.00 | |
| Area: | Deposit No. 3 | Elevation: | 446.00 | |
| Hole Type: | DDH | Grid Type: | UTM83-17 | |
| Location: | Mary River | NTS: | 37G/5 | |
| Location Description: | Deposit 3, North slope, facing Mary River | | Azimuth: | 350.00 |
| | | Dip: | -45.00 | |
| Purpose: | MR3W | | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/16/2020 |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | Mary River pump | | |
| Portable Tanks to be Used: | Yes | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

MR3W

Photographic Record

All required photos were taken: Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-280\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P04

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North slope, facing Mary River

Purpose: MR3W

Easting: 567,584.00

Northing: 7,913,576.00

Elevation: 446.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-280



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3, North slope, facing Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-280



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P04

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North slope, facing Mary River

Purpose: MR3W

Easting: 567,584.00

Northing: 7,913,576.00

Elevation: 446.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-280



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P04

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North slope, facing Mary River

Purpose: MR3W

Easting: 567,584.00

Northing: 7,913,576.00

Elevation: 446.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-280



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Deposit 3, North slope, facing Mary River

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Purpose: MR3W

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-280



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P04

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North slope, facing Mary River

Purpose: MR3W

Easting: 567,584.00

Northing: 7,913,576.00

Elevation: 446.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-280



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.00 |
| Project: | Mary River | Northing: | 7,913,576.00 |
| Area: | Deposit No. 3 | Elevation: | 446.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/17/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 35.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,176.10 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Garnet Schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-280\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



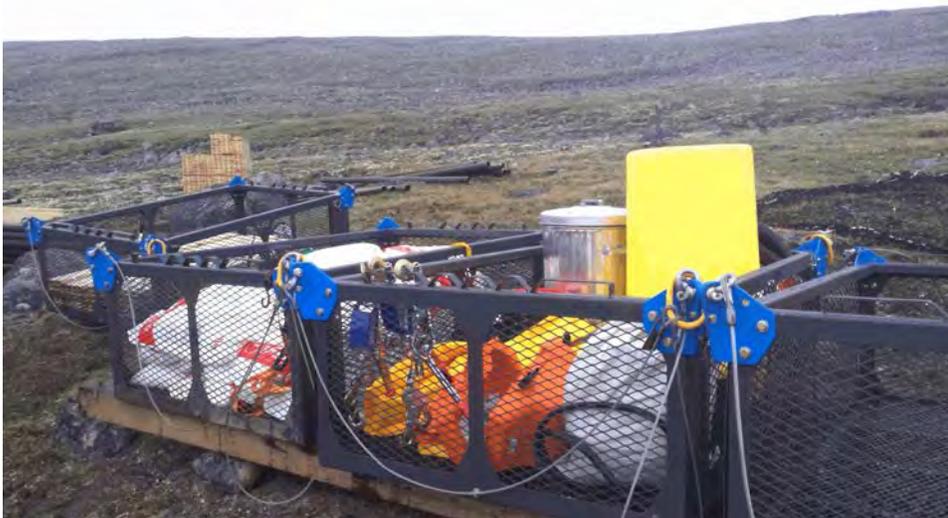
Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.00 |
| Project: | Mary River | Northing: | 7,913,576.00 |
| Area: | Deposit No. 3 | Elevation: | 446.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/18/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 131.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,253.50 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 320.00 |
| Salt Used (bags): | 16.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: High grade hematite, been in it since approx 115m, silt fence fell down but will be replaced within the day

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-280\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/18/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.00 |
| Project: | Mary River | Northing: | 7,913,576.00 |
| Area: | Deposit No. 3 | Elevation: | 446.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/19/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 215.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,326.20 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 280.00 |
| Salt Used (bags): | 14.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Garnet biotite schist eoh

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-280\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Working Collar Information

Proposed ID: MR3-20-P04
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,584.00
Northing: 7,913,576.00
Elevation: 446.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-280



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.37 |
| Project: | Mary River | Northing: | 7,913,575.81 |
| Area: | Deposit No. 3 | Elevation: | 445.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 218.00 | End Date of Drilling: | 7/19/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-280\Post-Drilling Inspection Photos

Inspection Details

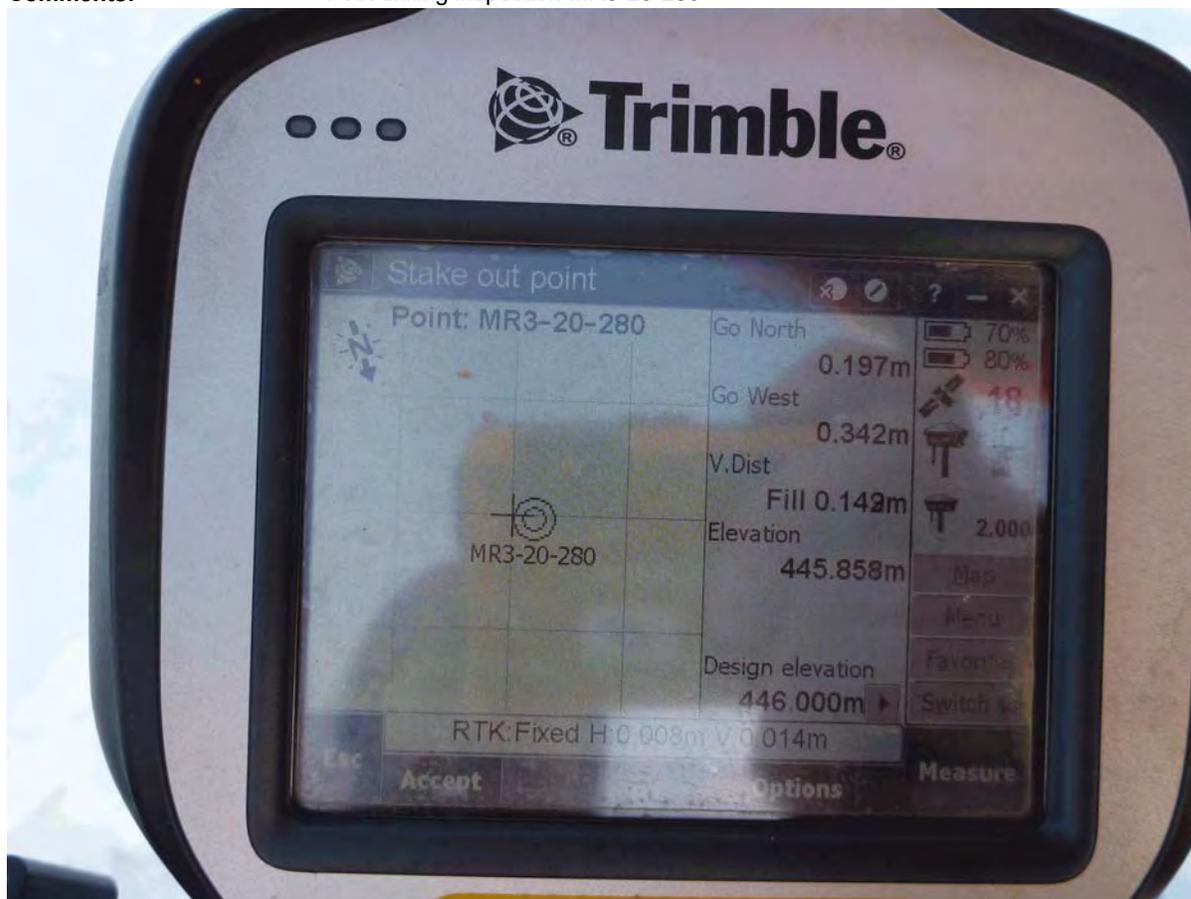
Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.37 |
| Project: | Mary River | Northing: | 7,913,575.81 |
| Area: | Deposit No. 3 | Elevation: | 445.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-280



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.37 |
| Project: | Mary River | Northing: | 7,913,575.81 |
| Area: | Deposit No. 3 | Elevation: | 445.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-280



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.37 |
| Project: | Mary River | Northing: | 7,913,575.81 |
| Area: | Deposit No. 3 | Elevation: | 445.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-280



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P04 | Easting: | 567,584.37 |
| Project: | Mary River | Northing: | 7,913,575.81 |
| Area: | Deposit No. 3 | Elevation: | 445.86 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-280



APPENDIX E.2
2020 Exploration Drilling
Inspection Logs

APPENDIX E.2.12
2020 Exploration
Location— MR1-20-281

Inspection Details

Inspector: Jordan Siewnarine Date: 7/11/2020

Proposed Collar Information

| | | | |
|------------------------------|-------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 1 north limb, near km 108.5 | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Purpose: MR1 North limb definition drilling

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/18/2020 |
| Drill #: | A5-25 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

z300

Photographic Record

All required photos were taken: Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-281\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P12

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 north limb, near km 108.5

Purpose: MR1 North limb definition drilling

Easting: 563,994.00

Northing: 7,915,539.00

Elevation: 570.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-281



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P12

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 north limb, near km 108.5

Purpose: MR1 North limb definition drilling

Easting: 563,994.00

Northing: 7,915,539.00

Elevation: 570.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-281



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P12

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 north limb, near km 108.5

Purpose: MR1 North limb definition drilling

Easting: 563,994.00

Northing: 7,915,539.00

Elevation: 570.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-281



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P12

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 north limb, near km 108.5

Purpose: MR1 North limb definition drilling

Easting: 563,994.00

Northing: 7,915,539.00

Elevation: 570.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-281



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/19/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth:
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Having trouble with fuel for drill motor, should be easily fixed

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 529.80 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 10.00 |
| Salt Used (bags): | 0.50 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

In overbhrden; need another row of silt fence: water reading taken at begining of night shift at 10:55pm

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-281\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|-------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,95,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/20/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 125.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 635.80 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 200.00 |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Lith garnet chlorite schist need sand bags and 1 additional layer for silt fence water meter taken at 4:46pm

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-281\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/20/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/20/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/20/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/20/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/20/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/20/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 7/21/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 170.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 671.80 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Litho: Magnetite rich chlorite schist, Night shift pulled rods and replaced bit

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-281\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Working Collar Information

Proposed ID: MR1-20-P12
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-281



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 281.00 | End Date of Drilling: | 7/22/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-281\Post-Drilling Inspection Photos

Inspection Details

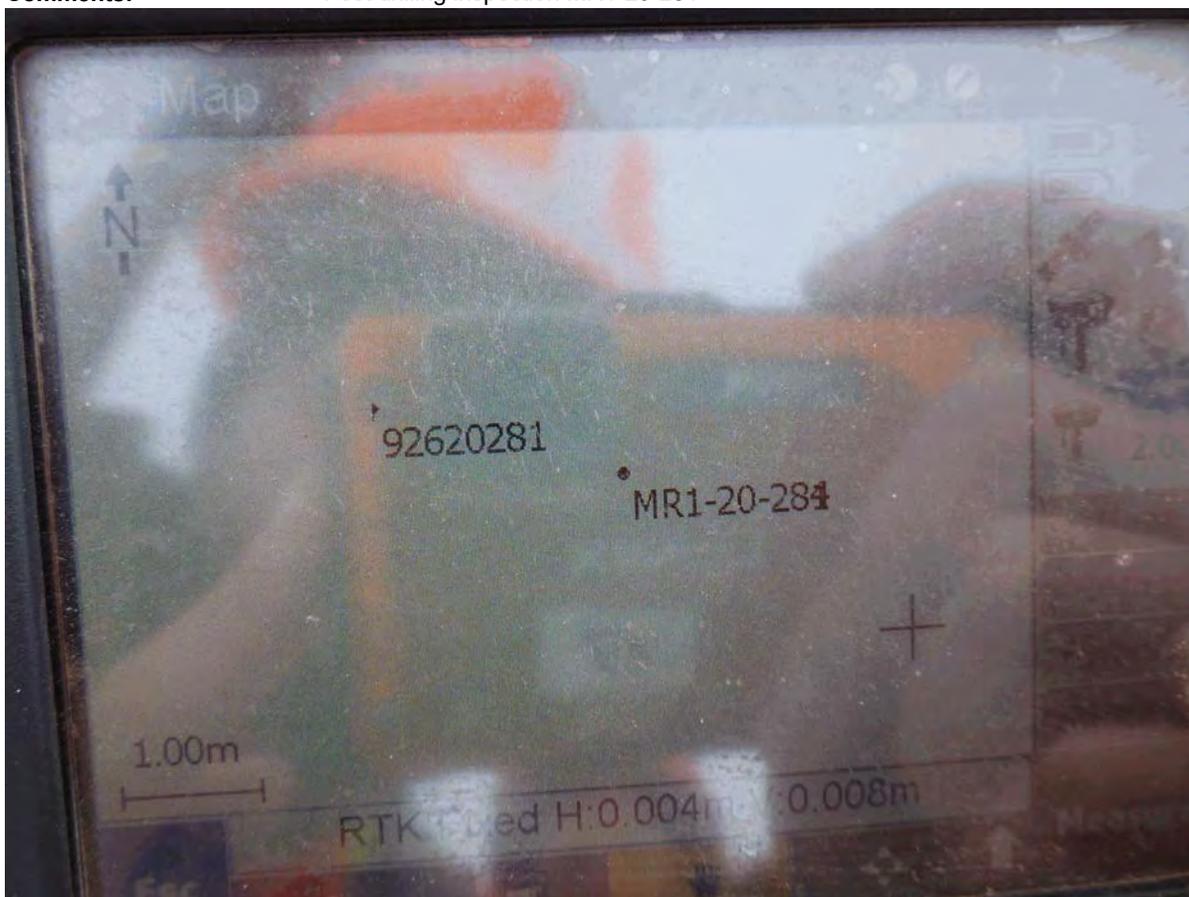
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-281



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-281



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-281



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-281



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P12 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-281



APPENDIX E.2.13
2020 Exploration
Location— MR1-20-282

Inspection Details

Inspector: Jordan Siewnarine Date: 7/11/2020

Proposed Collar Information

| | | | |
|------------------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,834.00 |
| Project: | Mary River | Northing: | 7,915,128.00 |
| Area: | Deposit No. 1 | Elevation: | 587.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 1 North Limb, up slope from km 107 | Azimuth: | 295.00 |
| | | Dip: | -62.00 |
| Purpose: | MR1 North limb extension definition drilling | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|-----|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-282\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, up slope from km 107

Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00

Northing: 7,915,128.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, up slope from km 107

Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00

Northing: 7,915,128.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, up slope from km 107

Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00

Northing: 7,915,128.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, up slope from km 107

Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00

Northing: 7,915,128.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Easting: 563,834.00

Project: Mary River

Northing: 7,915,128.00

Area: Deposit No. 1

Elevation: 587.00

Hole Type: DDH

Grid Type: UTM83-17

Location: Mary River

NTS: 37G/5

Location Description: Deposit 1 North Limb, up slope from km 107

Azimuth: 295.00

Dip: -62.00

Purpose: MR1 North limb extension definition drilling

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, up slope from km 107

Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00

Northing: 7,915,128.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/11/2020

Proposed Collar Information

Proposed ID: MR1-20-P11

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, up slope from km 107

Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00

Northing: 7,915,128.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-282



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,834.00 |
| Project: | Mary River | Northing: | 7,915,128.00 |
| Area: | Deposit No. 1 | Elevation: | 587.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 7/21/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 65.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,325.50 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: Missing lined berms
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Chlorite schist, fuel tanks need berms

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-282\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P11
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00
Northing: 7,915,128.00
Elevation: 587.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-282



Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-282



Working Collar Information

Proposed ID: MR1-20-P11
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00
Northing: 7,915,128.00
Elevation: 587.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-282



Photographic Record

Photo Date: 7/21/2020 12:00:00AM
Comments: Daily inspection MR3-20-282



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,834.00 |
| Project: | Mary River | Northing: | 7,915,128.00 |
| Area: | Deposit No. 1 | Elevation: | 587.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 7/24/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|---------------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |
| Environmental Concerns: | Missing lined berms | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-282\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P11
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,834.00
Northing: 7,915,128.00
Elevation: 587.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-282



Photographic Record

Photo Date: 7/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-282



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|--|------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,832.47 |
| Project: | Mary River | Northing: | 7,915,128.56 |
| Area: | Deposit No. 1 | Elevation: | 578.43 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 371.00 | End Date of Drilling: | 7/24/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-282\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,832.47 |
| Project: | Mary River | Northing: | 7,915,128.56 |
| Area: | Deposit No. 1 | Elevation: | 578.43 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-282



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,832.47 |
| Project: | Mary River | Northing: | 7,915,128.56 |
| Area: | Deposit No. 1 | Elevation: | 578.43 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-282



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,832.47 |
| Project: | Mary River | Northing: | 7,915,128.56 |
| Area: | Deposit No. 1 | Elevation: | 578.43 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-282



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P11 | Easting: | 563,832.47 |
| Project: | Mary River | Northing: | 7,915,128.56 |
| Area: | Deposit No. 1 | Elevation: | 578.43 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-282



APPENDIX E.2.14
2020 Exploration
Location— MR3-20-283

Inspection Details

Inspector: Jordan Siewnarine Date: 7/16/2020

Proposed Collar Information

| | | | |
|------------------------------|---|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 3, North Slope, facing Mary River | Azimuth: | 350.00 |
| | | Dip: | -45.00 |
| Purpose: | MR3W | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/21/2020 |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | Mary River pump | | |
| Portable Tanks to be Used: | Yes | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | little run off stream next to drill pad |

General Comments

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P01

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary Rlver

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-283



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P01

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary Rlver

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-283



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P01

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-283



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P01

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-283



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P01

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-283



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P01

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -45.00

Photographic Record

Photo Date: 7/19/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-283



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 7/26/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 31.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,341.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 140.00 |
| Salt Used (bags): | 7.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho : Schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/27/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 75.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Bad drill bit, blocky ground, drill alignment issue

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,461.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 240.00 |
| Salt Used (bags): | 12.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Schist or greywacke, hit some magnetite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/28/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 111.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,528.00 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 400.00 |
| Salt Used (bags): | 20.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns: need more waste water control

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments

litho: ORE specular hematite, bif

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



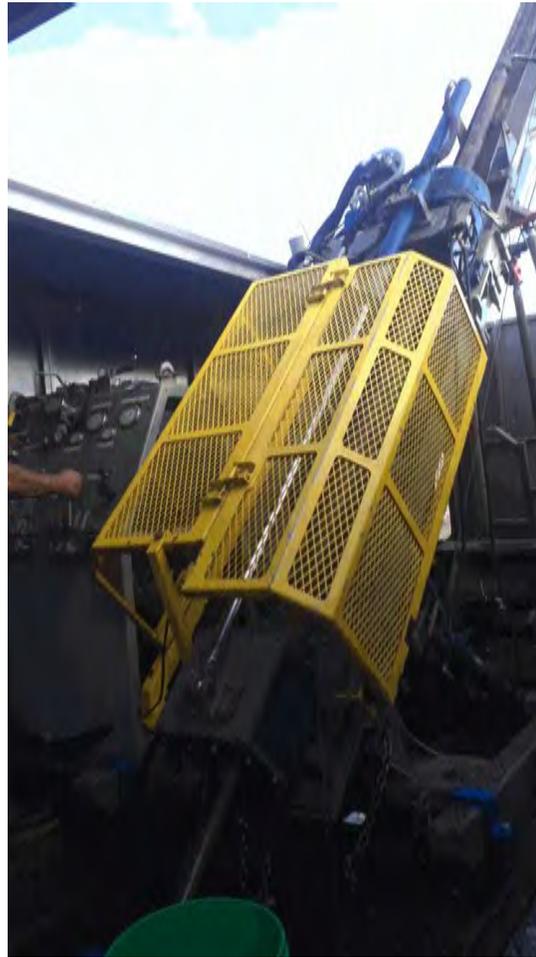
Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 7/29/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 195.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Leaky Hose | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,585.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 320.00 |
| Salt Used (bags): | 16.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

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Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 7/30/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 228.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,643.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 200.00 |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

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Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Working Collar Information

Proposed ID: MR3-20-P01
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -45.00

Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR3-20-283



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 229.00 | End Date of Drilling: | 7/30/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-283\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-283



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-283



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-283



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P01 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM

Comments: Post drilling inspection MR3-20-283



APPENDIX E.2.15
2020 Exploration
Location— MR1-20-284

Inspection Details

Inspector: _____ Date: _____

Proposed Collar Information

| | |
|--|-------------------------------|
| Proposed ID: MR1-20-P13 | Easting: 563,994.00 |
| Project: Mary River | Northing: 7,915,539.00 |
| Area: Deposit No. 1 | Elevation: 570.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: | Azimuth: 295.00 |
| | Dip: -64.00 |
| Purpose: MR1 North limb extension definition drilling | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: | Foreman: |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-25 | |
| Collar Move Required?: | Reason For Move: |

Environmental Assessment

| | |
|---|----------------------------------|
| Water Source: km 108.5 sump | Silt Fence(s) Built: |
| Portable Tanks to be Used: | Recirculation to be used: |
| Natural Depression/Drainage evident: | Silt Bag to be used: |
| Man-made sump constructed: | |

Site Assessment

Is Wildlife Present:
Is the Site safe for drilling:
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

NLE

Photographic Record

All required photos were taken:
Location of photos:

Inspection Details

Inspector:

Date:

Proposed Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description:

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Purpose: MR1 North limb extension definition drilling

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-284



Inspection Details

Inspector:

Date:

Proposed Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description:

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Purpose: MR1 North limb extension definition drilling

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-284



Inspection Details

Inspector:

Date:

Proposed Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description:

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Purpose: MR1 North limb extension definition drilling

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-284



Inspection Details

Inspector:

Date:

Proposed Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description:

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Purpose: MR1 North limb extension definition drilling

Photographic Record

Photo Date: 7/11/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-284



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/24/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25

Current Depth:

Any items lost downhole? No

What was lost:

Delays (if any) caused by: Blocky core

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-284\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Photographic Record

Photo Date: 7/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/25/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 195.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 858.60 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-284\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Photographic Record

Photo Date: 7/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/26/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 284.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 913.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

high grade magnetite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-284\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,994.00 |
| Project: | Mary River | Northing: | 7,915,539.00 |
| Area: | Deposit No. 1 | Elevation: | 570.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/27/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 335.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 949.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: garnet schist

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-284\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Working Collar Information

Proposed ID: MR1-20-P13
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb extension definition drilling

Easting: 563,994.00
Northing: 7,915,539.00
Elevation: 570.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -64.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-284



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|--|------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 335.00 | End Date of Drilling: | 7/27/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-284\Post-Drilling Inspection Photos

Inspection Details

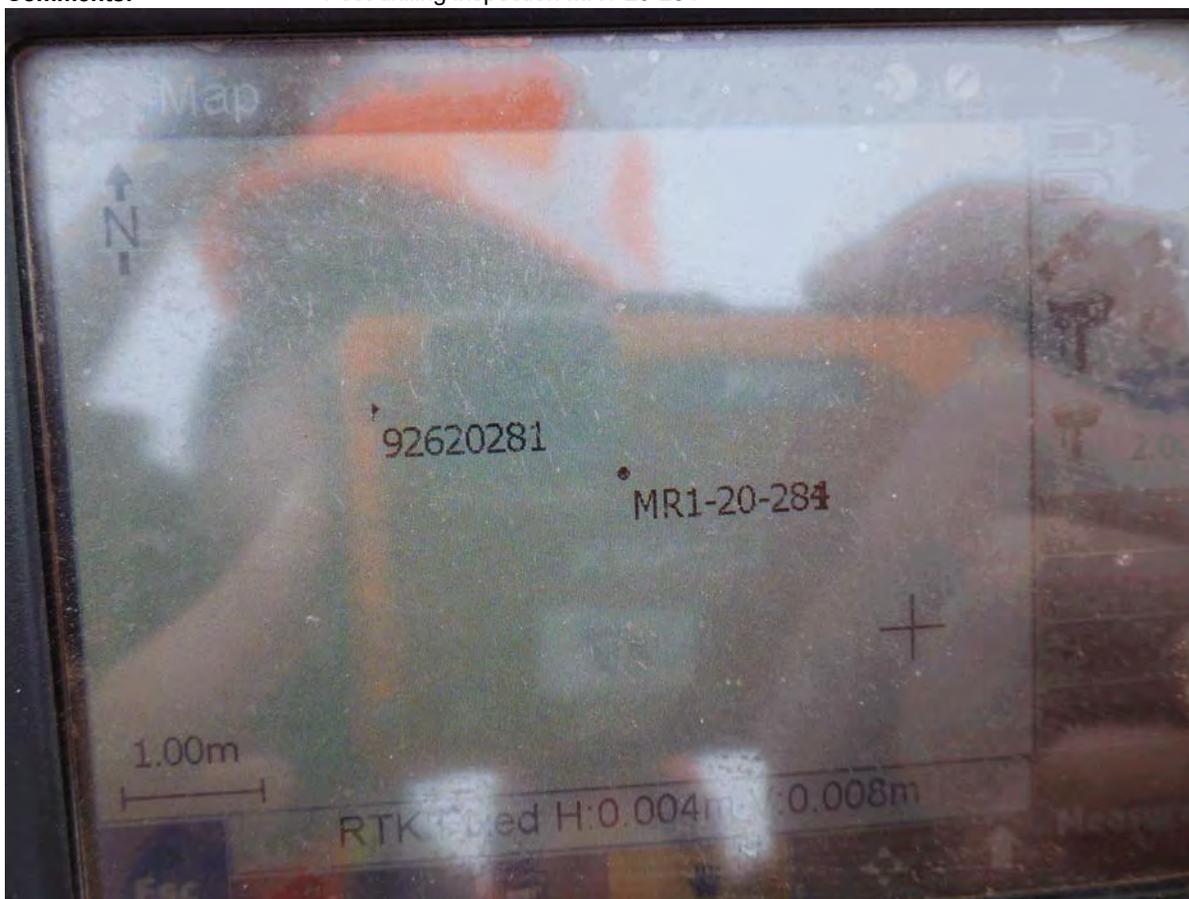
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-284



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-284



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-284



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-284



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P13 | Easting: | 563,992.25 |
| Project: | Mary River | Northing: | 7,915,539.53 |
| Area: | Deposit No. 1 | Elevation: | 560.85 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb extension definition drilling | Azimuth: | 295.00 |
| | | Dip: | -64.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-284



APPENDIX E.2.16
2020 Exploration
Location— MR1-20-285

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 9/24/2020

Proposed Collar Information

| | |
|--|-------------------------------|
| Proposed ID: MR1-20-P19 | Easting: 563,825.00 |
| Project: Mary River | Northing: 7,914,820.00 |
| Area: Deposit No. 1 | Elevation: 560.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Deposit 1 North Limb, near km 107 | Azimuth: 295.00 |
| | Dip: -50.00 |

Purpose: MR1 North limb definition drilling

Drilling Assessment

| | |
|---|---------------------------------------|
| Site Approved By Foreman: Yes | Foreman: Fred Crivera |
| Drill Contractor: Cyr Drilling International | Expected Start Date: 7/25/2020 |
| Drill #: A5-24 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | | | |
|---|--------------------------------------|--|--|
| Water Source: KM 108.5 Sump | | | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No | | |
| Natural Depression/Drainage evident: Yes | Recirculation to be used: Yes | | |
| Man-made sump constructed: No | Silt Bag to be used: No | | |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

NL

Photographic Record

All required photos were taken: Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 9/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P19

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,825.00

Northing: 7,914,820.00

Elevation: 560.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-285



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 9/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P19

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,825.00

Northing: 7,914,820.00

Elevation: 560.00

Grid Type: UTM83-17

NTS: 37G/5

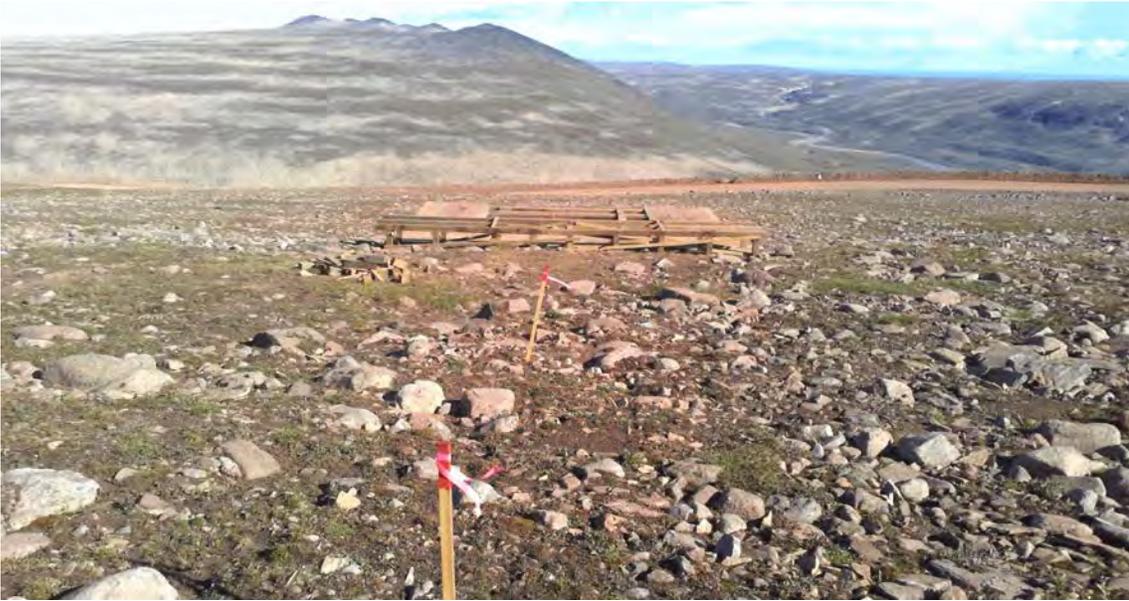
Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-285



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 9/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P19

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,825.00

Northing: 7,914,820.00

Elevation: 560.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-285



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 9/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P19

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,825.00

Northing: 7,914,820.00

Elevation: 560.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-285



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,825.00 |
| Project: | Mary River | Northing: | 7,914,820.00 |
| Area: | Deposit No. 1 | Elevation: | 560.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/27/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 44.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,609.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Greywacke

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-285

Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,825.00 |
| Project: | Mary River | Northing: | 7,914,820.00 |
| Area: | Deposit No. 1 | Elevation: | 560.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/28/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 175.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Drill bit change, rubble and blocky core

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,679.30 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 80.00 |
| Salt Used (bags): | 4.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: UM, Schist

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,825.00 |
| Project: | Mary River | Northing: | 7,914,820.00 |
| Area: | Deposit No. 1 | Elevation: | 560.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/29/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 209.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,730.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: greywacke, metasediment

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-285

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,825.00 |
| Project: | Mary River | Northing: | 7,914,820.00 |
| Area: | Deposit No. 1 | Elevation: | 560.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/30/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 296.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 2,789.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: chlorite schist

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,825.00 |
| Project: | Mary River | Northing: | 7,914,820.00 |
| Area: | Deposit No. 1 | Elevation: | 560.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 7/31/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | | |
|---|------|--|----------|---|
| Sediment Controls Measures in place: | | Water Meter Reading: | 2,844.00 | |
| Assessment of Effectiveness: | | Salt Used (kg): | 0.00 | |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Hole shutdown today

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Working Collar Information

Proposed ID: MR1-20-P19
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,825.00
Northing: 7,914,820.00
Elevation: 560.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-285



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,822.28 |
| Project: | Mary River | Northing: | 7,914,821.39 |
| Area: | Deposit No. 1 | Elevation: | 552.12 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 362.00 | End Date of Drilling: | 7/31/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-285\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,822.28 |
| Project: | Mary River | Northing: | 7,914,821.39 |
| Area: | Deposit No. 1 | Elevation: | 552.12 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-285



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,822.28 |
| Project: | Mary River | Northing: | 7,914,821.39 |
| Area: | Deposit No. 1 | Elevation: | 552.12 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-285



Inspection Details

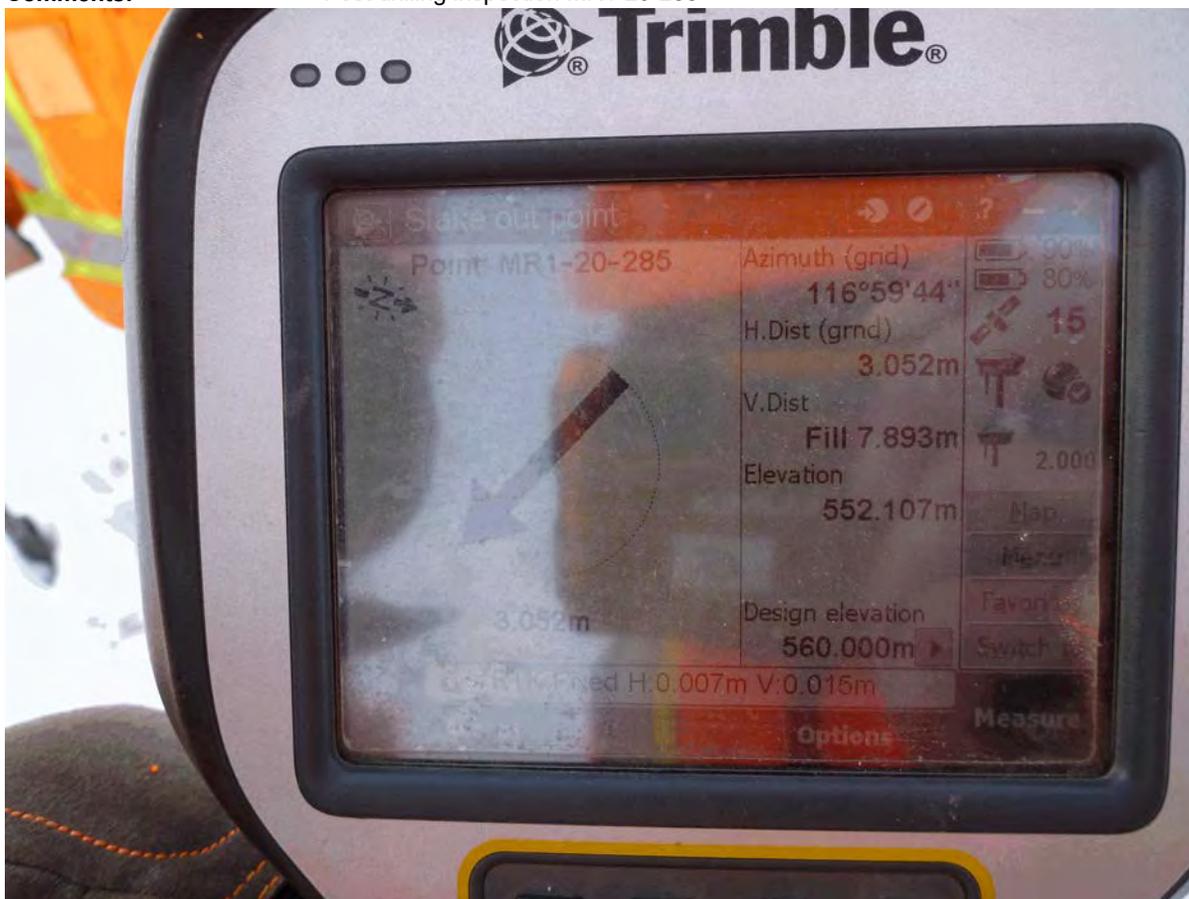
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P19 | Easting: | 563,822.28 |
| Project: | Mary River | Northing: | 7,914,821.39 |
| Area: | Deposit No. 1 | Elevation: | 552.12 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-285



APPENDIX E.2.17
2020 Exploration
Location— MR1-20-286

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 7/24/2020

Proposed Collar Information

| | |
|--|-------------------------------|
| Proposed ID: MR1-20-P15 | Easting: 563,831.00 |
| Project: Mary River | Northing: 7,915,231.00 |
| Area: Deposit No. 1 | Elevation: 593.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Deposit 1 North Limb, near km 107 | Azimuth: 295.00 |
| | Dip: -45.00 |

Purpose: MR1 North limb definition drilling

Drilling Assessment

| | |
|---|---------------------------------------|
| Site Approved By Foreman: Yes | Foreman: Fred Crivera |
| Drill Contractor: Cyr Drilling International | Expected Start Date: 7/25/2020 |
| Drill #: A5-25 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | | | |
|---|--------------------------------------|--|--|
| Water Source: km 108.5 sump | | | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No | | |
| Natural Depression/Drainage evident: Yes | Recirculation to be used: Yes | | |
| Man-made sump constructed: No | Silt Bag to be used: No | | |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

NL

Photographic Record

All required photos were taken: Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P15

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,831.00

Northing: 7,915,231.00

Elevation: 593.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P15

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,831.00

Northing: 7,915,231.00

Elevation: 593.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P15

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,831.00

Northing: 7,915,231.00

Elevation: 593.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P15

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,831.00

Northing: 7,915,231.00

Elevation: 593.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -45.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-286



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,831.00 |
| Project: | Mary River | Northing: | 7,915,231.00 |
| Area: | Deposit No. 1 | Elevation: | 593.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/29/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 8.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Issues with casing insertion

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 987.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

A lot of issues with casing installation

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,831.00 |
| Project: | Mary River | Northing: | 7,915,231.00 |
| Area: | Deposit No. 1 | Elevation: | 593.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/30/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 53.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 1,045.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

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Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,831.00 |
| Project: | Mary River | Northing: | 7,915,231.00 |
| Area: | Deposit No. 1 | Elevation: | 593.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/31/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 192.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 1,099.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 200.00 |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

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Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,831.00 |
| Project: | Mary River | Northing: | 7,915,231.00 |
| Area: | Deposit No. 1 | Elevation: | 593.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/1/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 294.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 1,159.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 160.00 |
| Salt Used (bags): | 8.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

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Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,831.00 |
| Project: | Mary River | Northing: | 7,915,231.00 |
| Area: | Deposit No. 1 | Elevation: | 593.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/2/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 327.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 1,230.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date: 8/2/2020
Responsible Party:

General Comments

hole shutdown

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Working Collar Information

Proposed ID: MR1-20-P15
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,831.00
Northing: 7,915,231.00
Elevation: 593.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 320.00 | End Date of Drilling: | 8/2/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-286\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM

Comments: Post drilling inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-286



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P15 | Easting: | 563,826.35 |
| Project: | Mary River | Northing: | 7,915,233.25 |
| Area: | Deposit No. 1 | Elevation: | 585.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-286



APPENDIX E.2.18
2020 Exploration
Location— MR3-20-287

Inspection Details

Inspector: Jordan Siewnarine Date: 7/16/2020

Proposed Collar Information

| | | | |
|------------------------------|---|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 3, North Slope, facing Mary River | Azimuth: | 350.00 |
| | | Dip: | -58.00 |
| Purpose: | MR3W | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivea |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 7/21/2020 |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | Mary River pump | | |
| Portable Tanks to be Used: | Yes | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|-------------------------------|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | Rocky slope for water run off |

General Comments

MR3W

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-287\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P02

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary Rlver

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -58.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-287



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P02

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -58.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-287



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P02

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -58.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-287



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P02

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -58.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-287



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P02

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -58.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-287



Inspection Details

Inspector: Jordan Siewnarine

Date: 7/16/2020

Proposed Collar Information

Proposed ID: MR3-20-P02

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Deposit 3, North Slope, facing Mary River

Purpose: MR3W

Easting: 567,437.00

Northing: 7,913,548.00

Elevation: 440.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -58.00

Photographic Record

Photo Date: 7/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-287



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 7/31/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 54.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Loosing water down hole

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,700.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 380.00 |
| Salt Used (bags): | 19.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Meta volcanics, Mafic-Um

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-287\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 7/31/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/1/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 90.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Radio being fixed

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,736.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho:chlorite schist and bif, magnetite rich

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-287\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



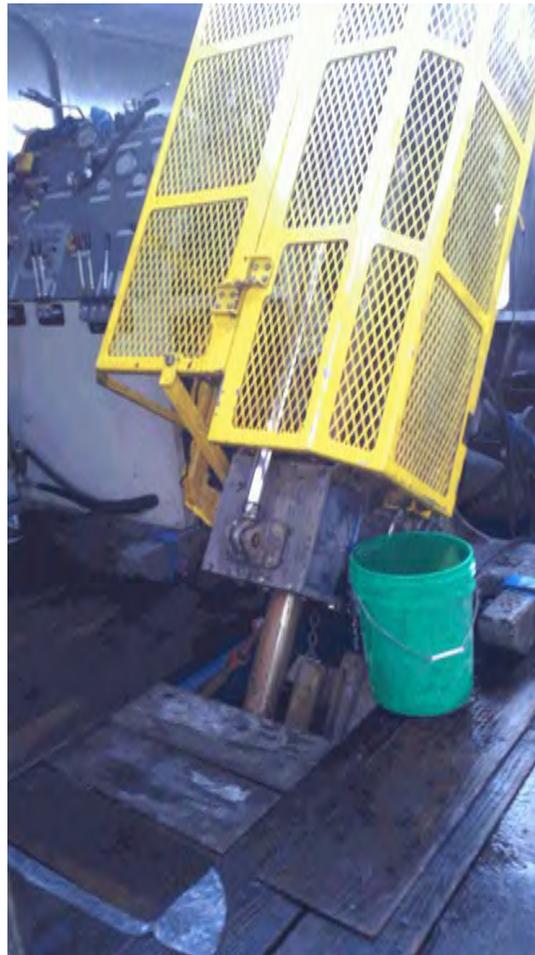
Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/2/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 177.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,797.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: high grade magnetite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-287\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,437.00 |
| Project: | Mary River | Northing: | 7,913,548.00 |
| Area: | Deposit No. 3 | Elevation: | 440.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/3/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 264.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Hole frozen, drill turning but water not warm enough

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,882.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

hole shutdown at 4:30pm

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-287\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P02
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,437.00
Northing: 7,913,548.00
Elevation: 440.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -58.00

Photographic Record

Photo Date: 8/3/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Photographic Record

Photo Date: 8/3/2020 12:00:00AM
Comments: Daily inspection MR3-20-287



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 267.70 | End Date of Drilling: | 8/2/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-287\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-287



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-287



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-287



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P02 | Easting: | 567,436.47 |
| Project: | Mary River | Northing: | 7,913,551.30 |
| Area: | Deposit No. 3 | Elevation: | 440.75 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -58.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM

Comments: Post drilling inspection MR3-20-287



APPENDIX E.2
2020 Exploration Drilling
Inspection Logs

APPENDIX E.2.19
2020 Exploration
Location— MR1-20-288

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 7/24/2020

Proposed Collar Information

| | | | |
|------------------------------|-----------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Deposit 1 North Limb, near km 107 | Azimuth: | 295.00 |
| | | Dip: | -55.00 |

Purpose: MR1 North limb definition drilling

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|--------------|
| Site Approved By Foreman: | Yes | Foreman: | Fred Crivera |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

Is Wildlife Present: No
Is the Site safe for drilling: Yes
Outstanding safety concerns:
Outstanding environmental concerns:

General Comments

NL

Photographic Record

All required photos were taken: Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-288\Pre-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P20

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,741.00

Northing: 7,914,694.00

Elevation: 565.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -55.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-288



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P20

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,741.00

Northing: 7,914,694.00

Elevation: 565.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -55.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-288



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 7/24/2020

Proposed Collar Information

Proposed ID: MR1-20-P20

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Deposit 1 North Limb, near km 107

Purpose: MR1 North limb definition drilling

Easting: 563,741.00

Northing: 7,914,694.00

Elevation: 565.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -55.00

Photographic Record

Photo Date: 7/24/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/1/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/2/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: No
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/3/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | no | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | 37.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: No
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/4/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | no | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|------|--|-------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: no
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/5/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | no | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: no
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/6/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | no | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 140.00 |
| Salt Used (bags): | 7.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: no
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | Y | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/6/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/7/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | no | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: n
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

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Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Photographic Record

Photo Date: 8/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

Proposed ID: MR1-20-P20
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,741.00
Northing: 7,914,694.00
Elevation: 565.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: 55.00

Photographic Record

Photo Date: 8/7/2020 12:00:00AM
Comments: Daily inspection MR1-20-288



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,741.00 |
| Project: | Mary River | Northing: | 7,914,694.00 |
| Area: | Deposit No. 1 | Elevation: | 565.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | 55.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/8/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | no | | |
| Delays (if any) caused by: | no | | |

Environmental Assessment

| | | | |
|---|-------|--|--------|
| Sediment Controls Measures in place: | yes | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 240.00 |
| Salt Used (bags): | 12.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns: no
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | | | | | |

Photographic Record

Photo Date:
Comments:



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,740.44 |
| Project: | Mary River | Northing: | 7,914,694.18 |
| Area: | Deposit No. 1 | Elevation: | 555.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -55.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 386.00 | End Date of Drilling: | 8/7/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-288\Post-Drilling Inspection Photos

Inspection Details

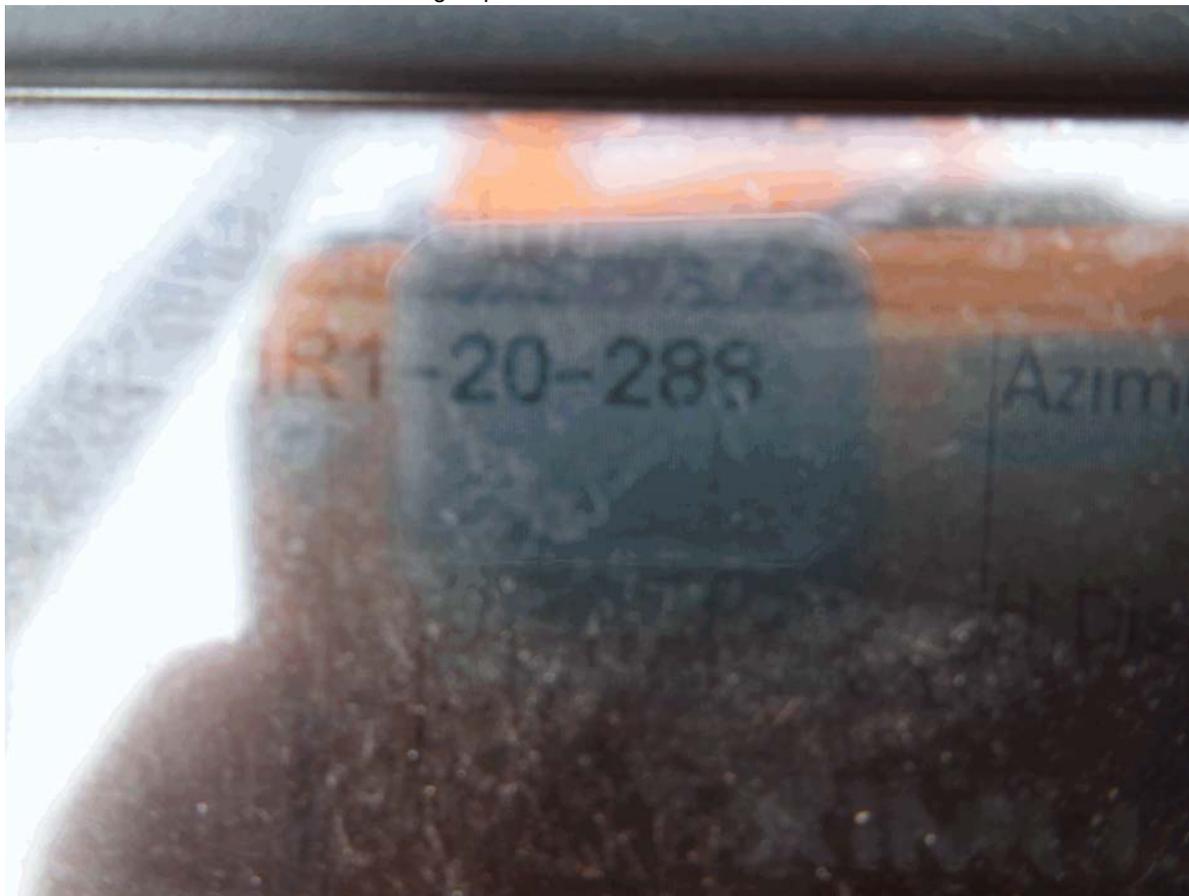
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,740.44 |
| Project: | Mary River | Northing: | 7,914,694.18 |
| Area: | Deposit No. 1 | Elevation: | 555.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-288



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P20 | Easting: | 563,740.44 |
| Project: | Mary River | Northing: | 7,914,694.18 |
| Area: | Deposit No. 1 | Elevation: | 555.08 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-288



APPENDIX E.2.20
2020 Exploration
Location— MR1-20-289

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/22/2020

Proposed Collar Information

| | | | |
|------------------------------|--------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Midly inclined plateau of till | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Purpose: Zone 300 Inferred to Indicated/Measured resources

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-----------------|
| Site Approved By Foreman: | Yes | Foreman: | Dave Rachkewich |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | 8/3/2020 |
| Drill #: | A5-25 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Small drop of 1.8m or less, may need railing |
| Outstanding environmental concerns: | Drill mud and water waste may flow downhill without proper silt fencing |

General Comments

z300

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-289\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/22/2020

Proposed Collar Information

Proposed ID: MR1-20-Z01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Midly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-289



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/22/2020

Proposed Collar Information

Proposed ID: MR1-20-Z01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Midly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-289



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/22/2020

Proposed Collar Information

Proposed ID: MR1-20-Z01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Midly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-289



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/22/2020

Proposed Collar Information

Proposed ID: MR1-20-Z01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Midly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-289



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/22/2020

Proposed Collar Information

Proposed ID: MR1-20-Z01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Midly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-289



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/22/2020

Proposed Collar Information

Proposed ID: MR1-20-Z01

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Midly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-289



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/8/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 107.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: New water flow meter

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 33.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: box 13 missing, type 3 magnetite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-289\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-Z01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Working Collar Information

Proposed ID: MR1-20-Z01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/9/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 137.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: BIF

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-289\Daily-Drill Inspection Photos

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/10/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 173.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Blast day

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 77.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns: Additional silt fencing may be needed

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments

Litho: Ore, Magnetite type 3

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-289\Daily-Drill Inspection Photos | | | | |

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Working Collar Information

Proposed ID: MR1-20-Z01
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-289



Inspection Details

Inspector: _____ Date & Time: _____

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-Z01 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 194.00 | End Date of Drilling: | 8/10/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | Site not Accessible due to snow conditions will be inspected spring 2021 |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos:

Photographic Record

Photo Date:
Comments:



APPENDIX E.2.21
2020 Exploration
Location— MR3-20-290

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Cliffside location | Azimuth: | 350.00 |
| | | Dip: | -50.00 |
| Purpose: | MR3W | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|--|
| Site Approved By Foreman: | Yes | Foreman: | |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | Mary River Pump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Pad is secured with railings |
| Outstanding environmental concerns: | large depression followed by creeks leading to the Mary River, silt fences and sand bag must be added |

General Comments

MR3W

Photographic Record

| | |
|--|---|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290_Lost\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-290



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/8/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,974.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: greywacke

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/8/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|---------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/9/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 41.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,027.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 120.00 |
| Salt Used (bags): | 6.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/10/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 153.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,090.00 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns: will add additional silt fencing

Are any corrective actions required:

Correct Action Plan (if required):

Corrective Action Due Date:

Responsible Party:

General Comments

Litho: Hematite, Specularite

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/11/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 216.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Frozen

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,170.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 360.00 |
| Salt Used (bags): | 18.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: high silica mix with mag

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Daily-Drill Inspection Photos

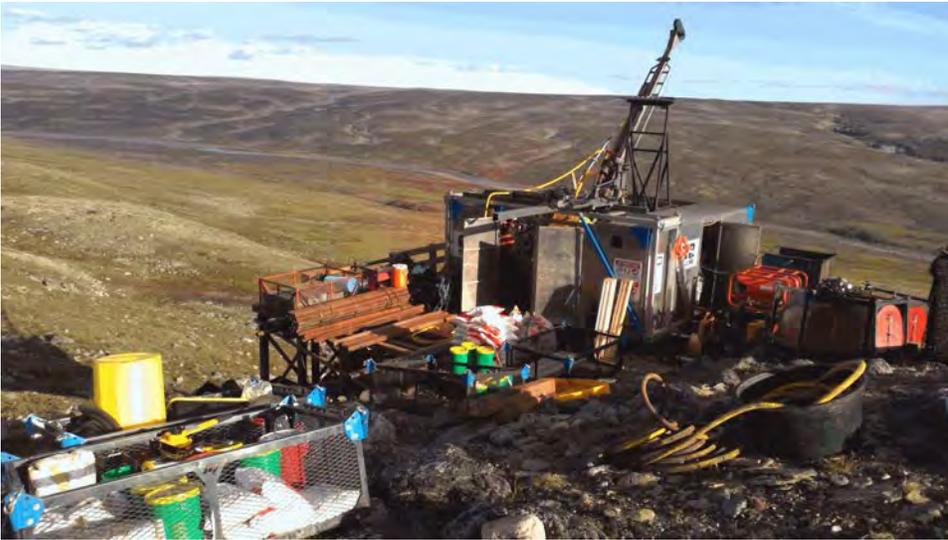
Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/12/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 216.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|----|--|----------|
| Sediment Controls Measures in place: | | Water Meter Reading: | 4,231.00 |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments

litho: hgjf magnetite rich

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

Proposed ID: MR3-20-P08
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -50.00

Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR3-20-290



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/13/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|-----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 216.00 | | |
| Any items lost downhole? | Yes | | |
| What was lost: | Hose line | | |
| Delays (if any) caused by: | Hole restarted - MR3-20-295 | | |

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Hole lost, frozen hose line in core barrel

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Daily-Drill Inspection Photos | | | | |

Photographic Record

Photo Date:
Comments:



Inspection Details**Inspector:** Carl-Philippe Folkesson **Date & Time:** 9/27/2020**Final Collar Information**

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Drilling Information

| | | | |
|---|----------------------------|---|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 231.00 | End Date of Drilling: | 8/13/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|--|----|---------------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments**Photographic Record**

Post Clean-Up Photos Taken:
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-290\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-290



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08 | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-290



APPENDIX E.2.22
2020 Exploration
Location— MR1-20-291

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|---------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Mountain side | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Purpose: Zone 300 Inferred to Indicated/Measured resources

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-----------------|
| Site Approved By Foreman: | Yes | Foreman: | Dave Rachkewich |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Steep hillside location with a vertical drop, may need additional fencing |
| Outstanding environmental concerns: | Topographic depression leading to a downhill creek into a small lake |

General Comments

z300

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-291\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-291



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-291



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-291



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-291



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-291



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -45.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-291



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/9/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 0.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Blast day

Environmental Assessment

Sediment Controls Measures in place:
Assessment of Effectiveness: **Water Meter Reading:** 3,368.00
Salt Used (bags): 0.00 **Salt Used (kg):** 0.00
Wildlife Observed: No **Are there fully stocked spill kits available (2):** Y
 Are all hydrocarbons in secondary containment: Y

Environmental Concerns: Must add a silt fence for sediment control
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Still putting in the casing for hole

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-291\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-Z04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

Proposed ID: MR1-20-Z04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

Proposed ID: MR1-20-Z04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/9/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/10/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth:
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,417.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-291\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-Z04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

Proposed ID: MR1-20-Z04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/10/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/11/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 149.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------------------------|--|----------|
| Sediment Controls Measures in place: | Silt fence, minor leak fixed | | |
| Assessment of Effectiveness: | Poor | Water Meter Reading: | 3,469.00 |
| Salt Used (bags): | 5.00 | Salt Used (kg): | 100.00 |
| Wildlife Observed: | No | Are there fully stocked spill kits available (2): | Y |
| | | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: hgif

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-291\Daily-Drill Inspection Photos

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

Proposed ID: MR1-20-Z04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -45.00

Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/12/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 216.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: hgif

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-291\Daily-Drill Inspection Photos

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-291



Inspection Details

Inspector:

Date & Time:

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-Z04 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -45.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 245.08 | End Date of Drilling: | 8/12/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | Site not Accessible due to snow conditions |
| Description of environmental concerns: | will be inspected spring 2021 |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos:

Photographic Record

Photo Date:

Comments:



APPENDIX E.2.23
2020 Exploration
Location— MR1-20-292

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|---------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Mildly inclined plateau of till | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Purpose: Zone 300 Inferred to Indicated/Measured resources

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-----------------|
| Site Approved By Foreman: | Yes | Foreman: | Dave Rachkewich |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-25 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Small drop of 1.8m or less, may need railing |
| Outstanding environmental concerns: | Drill mud and water waste may flow downhill without proper silt fencing |

General Comments

z300

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-292\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-292



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-292



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-292



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-292



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-292



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00

Northing: 7,914,226.00

Elevation: 530.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/11/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 17.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 136.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: weathered/oxidized hw schist

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-292\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-Z02
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -65.00

Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/11/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/12/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 32.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Blocky and silty core

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Starting to enter hgif

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-292\Daily-Drill Inspection Photos

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/12/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/13/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|---|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 116.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Till under pad is sinking, downhole clay horizon is hard to penetrate | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 261.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 160.00 |
| Salt Used (bags): | 8.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:

Are any corrective actions required: Pad builders will install additionnal support on the drill pad

Correct Action Plan (if required):

Corrective Action Due Date: 8/14/2020

Responsible Party:**General Comments**

litho: brechiated rock turned to fault clay rich gouge

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-292\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z02
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -65.00

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

Proposed ID: MR1-20-Z02
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -65.00

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/14/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 185.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Bad ground

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 160.00 |
| Salt Used (bags): | 8.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Chlorite schist

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-292\Daily-Drill Inspection Photos

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

Proposed ID: MR1-20-Z02
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -65.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

Proposed ID: MR1-20-Z02
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,385.00
Northing: 7,914,226.00
Elevation: 530.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -65.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-292



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/15/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 245.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: py rich mag rich bif

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-292\Daily-Drill Inspection Photos

Photographic Record

Photo Date:
Comments:



Inspection Details

Inspector:

Date & Time:

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-Z02 | Easting: | 563,385.00 |
| Project: | Mary River | Northing: | 7,914,226.00 |
| Area: | Deposit No. 1 | Elevation: | 530.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 281.00 | End Date of Drilling: | 8/16/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | Site not Accessible due to snow conditions will be inspected spring 2021 |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos:

Photographic Record

Photo Date:

Comments:



APPENDIX E.2.24
2020 Exploration
Location— MR1-20-293

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|---------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Mountain side | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Purpose: Zone 300 Inferred to Indicated/Measured resources

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-----------------|
| Site Approved By Foreman: | Yes | Foreman: | Dave Rachkewich |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | km 108.5 sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Steep hillside location with vertical drop, may need additional fencing |
| Outstanding environmental concerns: | Topographic depression leading to a downhill creek into a small lake |

General Comments

z300

Photographic Record

| | |
|--|---|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-293_Lost\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-293



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-293



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-293



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-293



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-293



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mountain side

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -65.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-293



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z05 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/13/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|-----------------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 42.00 | | |
| Any items lost downhole? | Yes | | |
| What was lost: | Casing | | |
| Delays (if any) caused by: | Cancelled/lost hole, casing burst | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,478.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Hole restarted MR1-20-294, no core

Photographic Record

| | | | | | |
|----------------------------------|--|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-293_Lost\Daily-Drill Inspection Photos | | | | |

Photographic Record**Photo Date:****Comments:**

Inspection Details

Inspector:

Date & Time:

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-Z05 | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -65.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 47.00 | End Date of Drilling: | 8/13/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | Site not Accessible due to snow conditions |
| Description of environmental concerns: | will be inspected spring 2021 |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos:

Photographic Record

Photo Date:

Comments:



APPENDIX E.2.25
2020 Exploration
Location— MR1-20-294

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|---------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z02a | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Mildly inclined plateau of till | Azimuth: | 255.00 |
| | | Dip: | -61.50 |

Purpose: Zone 300 Inferred to Indicated/Measured resources

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-----------------|
| Site Approved By Foreman: | Yes | Foreman: | Dave Rachkewich |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Small drop of 1.8 or less, may need railing. |
| Outstanding environmental concerns: | Drill mud and water waste may flow downhill without proper silt fencing. |

General Comments

z300

Photographic Record

| | |
|--|---|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-294_Lost\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02a

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -61.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-294



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02a

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -61.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-294



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02a

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -61.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-294



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02a

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -61.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-294



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02a

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -61.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-294



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z02a

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Mildly inclined plateau of till

Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00

Northing: 7,914,072.00

Elevation: 492.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 255.00

Dip: -61.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-294



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02a | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -61.50 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/13/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 44.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Hole restart from MR1-20-293

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

new hole dip: 61.5, litho: HGIF MAG RICH

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-294_Lost\Daily-Drill Inspection Photos

Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02a | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -61.50 |

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Working Collar Information

Proposed ID: MR1-20-Z02a
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Zone 300 Inferred to Indicated/Measured resources

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -61.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02a | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -61.50 |

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Working Collar Information

| | | | |
|---------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-Z02a | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -61.50 |

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR1-20-294



Inspection Details

Inspector:

Date & Time:

Final Collar Information

| | | | |
|--------------|---|------------|--------------|
| Proposed ID: | MR1-20-Z02a | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Zone 300 Inferred to Indicated/Measured resources | Azimuth: | 255.00 |
| | | Dip: | -61.50 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 47.00 | End Date of Drilling: | 8/14/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | Site not Accessible due to snow conditions will be inspected spring 2021 |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos:

Photographic Record

Photo Date:

Comments:



APPENDIX E.2.26
2020 Exploration
Location— MR3-20-295

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Cliffside location | Azimuth: | 350.00 |
| | | Dip: | -44.50 |
| Purpose: | Re-drill of MR3-20-290 | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|--|
| Site Approved By Foreman: | Yes | Foreman: | |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|------------|----------------------------------|-----|
| Water Source: | Mary River | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Pad is secured with railings |
| Outstanding environmental concerns: | large depression followed by creeks leading to the Mary River, silt fences and sand bag must be added |

General Comments

MR3W

Photographic Record

| | |
|--|---|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295_Lost\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Cliffside location

Purpose: Re-drill of MR3-20-290

Easting: 567,029.00

Northing: 7,913,530.00

Elevation: 468.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location

Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Cliffside location

Purpose: Re-drill of MR3-20-290

Easting: 567,029.00

Northing: 7,913,530.00

Elevation: 468.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/13/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 6.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Restart from hole MR3-20-290

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

dip: -44.5

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/14/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 58.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | | |
|---|------------|--|----------|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,350.00 | |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 200.00 | |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: hgjf specularite

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos | | | | |

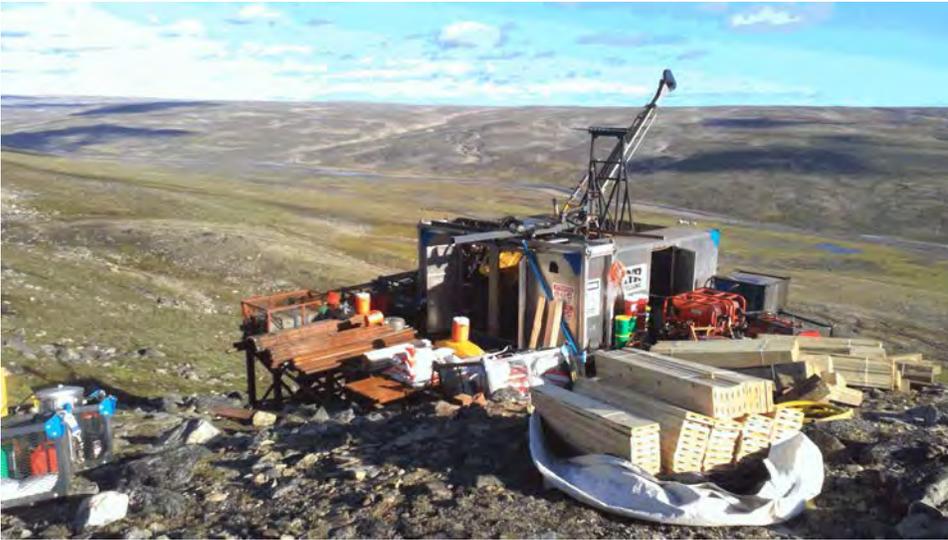
Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/15/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 124.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,400.00 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

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Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/16/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 182.00
Any items lost downhole? Yes
What was lost: Core barrel, drill bit, overshot and wireline
Delays (if any) caused by: Hole lost due to snapped wireline and loosing core barrel

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,430.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

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Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|------------------------|------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 187.00 | End Date of Drilling: | 8/16/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



APPENDIX E.2
2020 Exploration Drilling
Inspection Logs

APPENDIX E.2.26
2020 Exploration
Location— MR3-20-295

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/2/2020

Proposed Collar Information

| | |
|---|-------------------------------|
| Proposed ID: MR3-20-P08a | Easting: 567,029.00 |
| Project: Mary River | Northing: 7,913,530.00 |
| Area: Deposit No. 3 | Elevation: 468.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Cliffside location | Azimuth: 350.00 |
| | Dip: -44.50 |
| Purpose: Re-drill of MR3-20-290 | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: Yes | Foreman: |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-26 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | | | |
|---|--------------------------------------|--|--|
| Water Source: Mary River | | | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No | | |
| Natural Depression/Drainage evident: Yes | Recirculation to be used: Yes | | |
| Man-made sump constructed: No | Silt Bag to be used: No | | |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: No | |
| Is the Site safe for drilling: Yes | |
| Outstanding safety concerns: Pad is secured with railings | |
| Outstanding environmental concerns: large depression followed by creeks leading to the Mary River, silt fences and sand bag must be added | |

General Comments

MR3W

Photographic Record

| | |
|--|---|
| All required photos were taken: Y | |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295_Lost\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Cliffside location

Purpose: Re-drill of MR3-20-290

Easting: 567,029.00

Northing: 7,913,530.00

Elevation: 468.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside location
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08a

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Cliffside location

Purpose: Re-drill of MR3-20-290

Easting: 567,029.00

Northing: 7,913,530.00

Elevation: 468.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -44.50

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/13/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|------------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 6.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Restart from hole MR3-20-290 | | |

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

dip: -44.5

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/13/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/14/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 58.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,350.00 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 200.00 |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

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Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos | | | | |

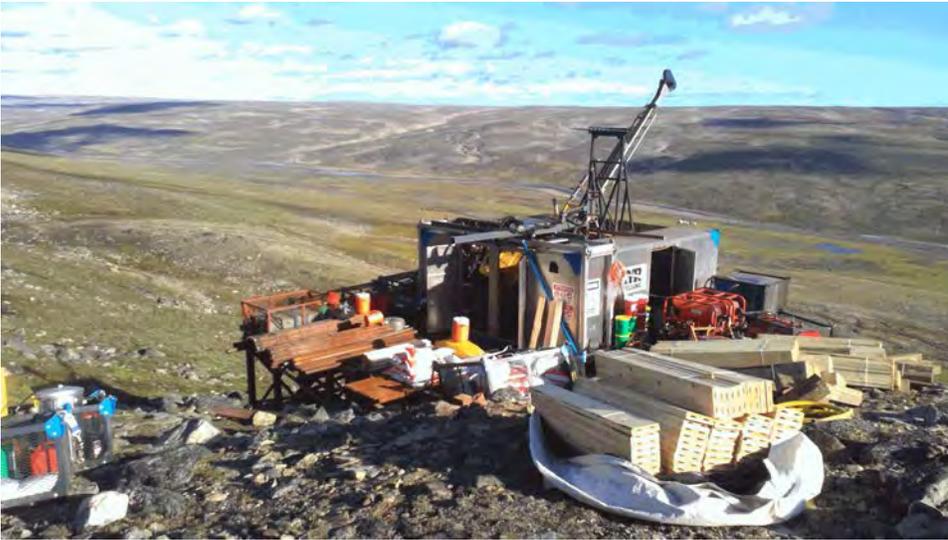
Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/15/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 124.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,400.00 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: hgjf specularite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/16/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 182.00
Any items lost downhole? Yes
What was lost: Core barrel, drill bit, overshot and wireline
Delays (if any) caused by: Hole lost due to snapped wireline and loosing core barrel

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,430.00 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: hgif hematite, specularite

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Working Collar Information

Proposed ID: MR3-20-P08a
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: Re-drill of MR3-20-290

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -44.50

Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|------------------------|------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 187.00 | End Date of Drilling: | 8/16/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-295\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Eastings: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|------------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08a | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Re-drill of MR3-20-290 | Azimuth: | 350.00 |
| | | Dip: | -44.50 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-295



APPENDIX E.2.27
2020 Exploration
Location— MR1-20-296

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Mountain side | Azimuth: | 255.00 |
| | | Dip: | -58.00 |
| Purpose: | Targeting zone 300 | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|-----------------|
| Site Approved By Foreman: | Yes | Foreman: | Dave Rachkewich |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------|----------------------------------|-----|
| Water Source: | 108 km | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Steep hillside location with vertical drop, may need additional fencing |
| Outstanding environmental concerns: | Topographic depression leading to a downhill creek into a small lake |

General Comments

z300

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Mountain side
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-296



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Mountain side
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-296



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Mountain side

Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-296



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Mountain side

Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-296



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Mountain side

Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-296



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Mountain side

Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/14/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|------------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 68.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Hole restart from MR1-20-294 | | |

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: hgif

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/14/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

| | | | |
|-------------------|-------------------------|-------------------------|----------------------|
| Inspector: | Carl-Philippe Folkesson | Date & Time: | 8/15/2020 12:00:00AM |
|-------------------|-------------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 164.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,545.20 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

water totalizer reading taken from average

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/15/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/16/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 272.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,612.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho: hgif mag rich +- Si, Py - water totalizer reading taken from average

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/16/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/17/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 347.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,680.30 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 100.00 |
| Salt Used (bags): | 5.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

litho:hgif low py low si, type 3 - water totalizer reading taken from average

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/19/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 374.00
Any items lost downhole? Yes
What was lost: Hole froze
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,745.30 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Flushing hole with hot water to attempt to unfreeze hole - water totalizer reading taken from average

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/20/2020 12:00:00AM

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 407.00 | | |
| Any items lost downhole? | Yes | | |
| What was lost: | Pipes lost in frozen hole | | |
| Delays (if any) caused by: | Hole froze | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,812.50 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 200.00 |
| Salt Used (bags): | 10.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

starting to drill nq, through existing rods, silt fence broken - water totalizer reading taken from average

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/20/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/20/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/20/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/20/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/20/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/20/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/21/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 407.00
Any items lost downhole? Yes
What was lost: Rods froze
Delays (if any) caused by: Hole froze, re-drilling with nq

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,879.70 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | 0.00 |
| Salt Used (bags): | 0.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

drilling through old pipes, day shift should be able to get core tomorrow, silt fence torn down, no water gauge -water totalizer reading taken from average

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/21/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/21/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/21/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/21/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/21/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Working Collar Information

| | | | |
|---------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/22/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 407.00
Any items lost downhole? Yes
What was lost: HQ Drill bit
Delays (if any) caused by: Hole froze previously tried to drill through with nq but lost the original hq bit, EoH

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,946.90 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

EoH, water totalizer reading taken from average

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-296\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-Z05b
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Targeting zone 300

Easting: 563,389.00
Northing: 7,914,072.00
Elevation: 492.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 255.00
Dip: -58.00

Photographic Record

Photo Date: 8/22/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Photographic Record

Photo Date: 8/22/2020 12:00:00AM
Comments: Daily inspection MR1-20-296



Inspection Details

Inspector: _____ Date & Time: _____

Final Collar Information

| | | | |
|--------------|--------------------|------------|--------------|
| Proposed ID: | MR1-20-Z05b | Easting: | 563,389.00 |
| Project: | Mary River | Northing: | 7,914,072.00 |
| Area: | Deposit No. 1 | Elevation: | 492.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Targeting zone 300 | Azimuth: | 255.00 |
| | | Dip: | -58.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 407.00 | End Date of Drilling: | 8/23/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | Site not Accessible due to snow conditions will be inspected spring 2021 |
| Are there environmental concerns: | |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos:

Photographic Record

Photo Date:
Comments:



APPENDIX E.2.28
2020 Exploration
Location— MR3-20-297

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/2/2020

Proposed Collar Information

| | | | |
|------------------------------|--------------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Cliffside Location | Azimuth: | 350.00 |
| | | Dip: | -55.00 |
| Purpose: | MR3W | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|--|
| Site Approved By Foreman: | Yes | Foreman: | |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|------------|----------------------------------|-----|
| Water Source: | Mary River | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|---|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | Pad is secured with railings |
| Outstanding environmental concerns: | large depression followed by creeks leading to the Mary River, silt fences and sand bag must be added |

General Comments

MR3W

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside Location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside Location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside Location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside Location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside Location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Location Description: Cliffside Location

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Purpose: MR3W

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/2/2020

Proposed Collar Information

Proposed ID: MR3-20-P08b

Project: Mary River

Area: Deposit No. 3

Hole Type: DDH

Location: Mary River

Location Description: Cliffside Location

Purpose: MR3W

Easting: 567,029.00

Northing: 7,913,530.00

Elevation: 468.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 350.00

Dip: -55.00

Photographic Record

Photo Date: 8/2/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR3-20-297



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 8/17/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 70.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Restart from lost 295 hole, litho: chl schist,

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/17/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/19/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 127.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,734.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

In high grade spec

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/19/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/24/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 127.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Drill had blown transmission, but fixed now and running, ds drilled through ice, ns should get core

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,058.70 |
| Assessment of Effectiveness: | Poor | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Need new silt fence

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

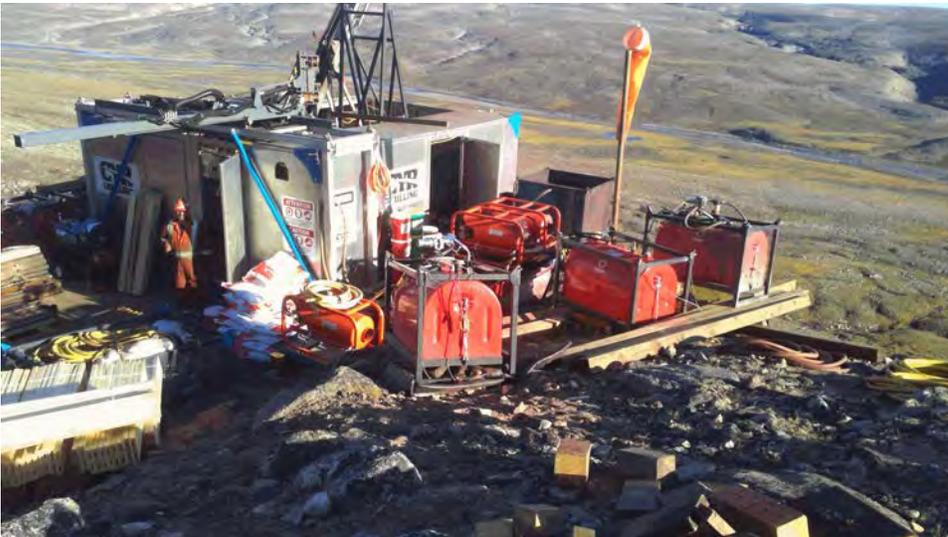
Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/25/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 184.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,127.40 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

In high grade

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/26/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 238.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,196.70 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 140.00 |
| Salt Used (bags): | 7.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: High grade with minor CHL schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,029.00 |
| Project: | Mary River | Northing: | 7,913,530.00 |
| Area: | Deposit No. 3 | Elevation: | 468.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/27/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 313.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,266.80 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 140.00 |
| Salt Used (bags): | 7.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Muscovite Schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Working Collar Information

Proposed ID: MR3-20-P08b
Project: Mary River
Area: Deposit No. 3
Hole Type: DDH
Location: Mary River
Purpose: MR3W

Easting: 567,029.00
Northing: 7,913,530.00
Elevation: 468.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 350.00
Dip: -55.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 319.75 | End Date of Drilling: | 8/27/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 3\MR3-20-297\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/27/2020

Final Collar Information

| | | | |
|--------------|---------------|------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-297



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/27/2020

Final Collar Information

| | | | |
|---------------------|---------------|-------------------|--------------|
| Proposed ID: | MR3-20-P08b | Easting: | 567,030.62 |
| Project: | Mary River | Northing: | 7,913,531.53 |
| Area: | Deposit No. 3 | Elevation: | 458.64 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR3W | Azimuth: | 350.00 |
| | | Dip: | -55.00 |

Photographic Record

Photo Date: 9/27/2020 12:00:00AM
Comments: Post drilling inspection MR3-20-297



APPENDIX E.2.29
2020 Exploration
Location— MR1-20-298

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/16/2020

Proposed Collar Information

| | |
|---|-------------------------------|
| Proposed ID: P20_07 | Easting: 593,3110.00 |
| Project: Mary River | Northing: 7,913,885.00 |
| Area: Deposit No. 1 | Elevation: 590.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Pit Pinnacle | Azimuth: 0.00 |
| | Dip: -90.00 |
| Purpose: Resource Definition | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: Yes | Foreman: Todd Cyr |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-25 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | |
|--|--------------------------------------|
| Water Source: Water Tubs near km109 | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No |
| Natural Depression/Drainage evident: No | Recirculation to be used: Yes |
| Man-made sump constructed: Yes | Silt Bag to be used: No |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: No | |
| Is the Site safe for drilling: Yes | |
| Outstanding safety concerns: Need to be careful with pit heavy equipment, maintain positive contact when close to | |
| Outstanding environmental concerns: Water, equipment and drill cuttings will remain in the pit | |

General Comments

Mine Ops_Pinnacle Class 1/Class 3 Contact

Photographic Record

| | |
|--|--|
| All required photos were taken: Y | |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-298\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Pit Pinnacle

Easting:
Northing:
Elevation:
Grid Type:
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Purpose: Resource Definition

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-298



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Pit Pinnacle

Easting:
Northing:
Elevation:
Grid Type:
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Purpose: Resource Definition

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-298



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Pit Pinnacle

Easting:
Northing:
Elevation:
Grid Type:
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Purpose: Resource Definition

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-298



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Pit Pinnacle

Easting:
Northing:
Elevation:
Grid Type:
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Purpose: Resource Definition

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-298



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Location Description: Pit Pinnacle

Easting:
Northing:
Elevation:
Grid Type:
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Purpose: Resource Definition

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-298



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|------------|
| Proposed ID: | P20_07 | Easting: | 563110.00 |
| Project: | Mary River | Northing: | 7913885.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource Definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/22/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|---|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 26.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Rock is friable and hard due to high magnetite composition, bits are being burned out fairly fast | | |

Environmental Assessment

| | | | |
|---|------|--|-------|
| Sediment Controls Measures in place: | | Water Meter Reading: | |
| Assessment of Effectiveness: | | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

in high grade, night shift drilled ~12m

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-298\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563110.00
Northing: 7913885.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Photographic Record

Photo Date: 8/22/2020 12:00:00AM
Comments: Daily inspection MR1-20-298



Photographic Record

Photo Date: 8/22/2020 12:00:00AM
Comments: Daily inspection MR1-20-298



Working Collar Information

Proposed ID: P20_07
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563110.00
Northing: 7913885.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Photographic Record

Photo Date: 8/22/2020 12:00:00AM
Comments: Daily inspection MR1-20-298



Photographic Record

Photo Date: 8/22/2020 12:00:00AM
Comments: Daily inspection MR1-20-298



Inspection Details

Inspector:

Date & Time:

Final Collar Information

| | | | |
|--------------|---------------------|------------|--------------|
| Proposed ID: | P20_07 | Easting: | 563,110.00 |
| Project: | Mary River | Northing: | 7,913,885.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource Definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 26.00 | End Date of Drilling: | 8/22/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | No inspection as bench has already been mined. |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos:

Photographic Record

Photo Date:

Comments:



APPENDIX E.2.30
2020 Exploration
Location— MR1-20-299

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/16/2020

Proposed Collar Information

| | |
|---|-------------------------------|
| Proposed ID: P20_03 | Easting: 563,118.40 |
| Project: Mary River | Northing: 7,913,935.00 |
| Area: Deposit No. 1 | Elevation: 590.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Pit pinnacle at the edge of the berm | Azimuth: 0.00 |
| | Dip: -90.00 |
| Purpose: Resource definition | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: Yes | Foreman: Todd Cyr |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-25 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | | | |
|--|--------------------------------------|--|--|
| Water Source: Sump at km108.5 | | | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No | | |
| Natural Depression/Drainage evident: No | Recirculation to be used: Yes | | |
| Man-made sump constructed: No | Silt Bag to be used: No | | |

Site Assessment

| | |
|---|--|
| Is Wildlife Present: No | |
| Is the Site safe for drilling: Yes | |
| Outstanding safety concerns: Need to be careful with pit heavy equipment, maintain positive contact when close to water, equipment and drill cuttings will remain in the pit | |
| Outstanding environmental concerns: Water, equipment and drill cuttings will remain in the pit | |

General Comments

Mine Ops_Pinnacle Class 1 Continuity

Photographic Record

| | |
|--|--|
| All required photos were taken: Y | |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-299\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit pinnacle at the edge of the berm

Purpose: Resource definition

Easting: 563,118.40

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -90.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-299



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit pinnacle at the edge of the berm

Purpose: Resource definition

Easting: 563,118.40

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -90.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-299



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit pinnacle at the edge of the berm

Purpose: Resource definition

Easting: 563,118.40

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -90.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-299



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit pinnacle at the edge of the berm

Purpose: Resource definition

Easting: 563,118.40

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -90.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-299



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_03

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit pinnacle at the edge of the berm

Purpose: Resource definition

Easting: 563,118.40

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -90.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-299



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_03 | Easting: | 563,118.40 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/23/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|---|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Had to delay at 2pm due to blast at the pit | | |

Environmental Assessment

| | | | |
|---|----|--|---|
| Sediment Controls Measures in place: | | Water Meter Reading: | |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments

Putting casings in; Drilling stright into high grade, mostly hematite

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-299\Daily-Drill Inspection Photos | | | | |

Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_03 | Easting: | 563,118.40 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Photographic Record

Photo Date: 8/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_03 | Easting: | 563,118.40 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Photographic Record

Photo Date: 8/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Working Collar Information

Proposed ID: P20_03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,118.40
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Photographic Record

Photo Date: 8/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Working Collar Information

Proposed ID: P20_03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,118.40
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Photographic Record

Photo Date: 8/23/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_03 | Easting: | 563,118.40 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/24/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 35.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|----|--|---|
| Sediment Controls Measures in place: | | Water Meter Reading: | |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments

Need water meter at pump; litho high grade hematite (7D)

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-299\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: P20_03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,118.40
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Working Collar Information

Proposed ID: P20_03
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,118.40
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -90.00

Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_03 | Easting: | 563,118.40 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Photographic Record

Photo Date: 8/24/2020 12:00:00AM
Comments: Daily inspection MR1-20-299



Inspection Details

Inspector: _____ Date & Time: _____

Final Collar Information

| | | | |
|--------------|---------------------|------------|--------------|
| Proposed ID: | P20_03 | Easting: | 563,118.40 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 0.00 |
| | | Dip: | -90.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 80.00 | End Date of Drilling: | 8/24/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

Hole marked: _____ Is the site clean: _____

Hole plugged (if required): _____

Plug details: _____

Are there environmental concerns: **No inspection as bench has already been mined.**

Description of environmental concerns: _____

Is there any additional work required: _____

Description of any corrective actions required: _____

General Comments

Photographic Record

Post Clean-Up Photos Taken: _____
Location of photos: _____

Photographic Record

Photo Date: _____
Comments: _____



APPENDIX E.2.31
2020 Exploration
Location— MR1-20-300

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/14/2020

Proposed Collar Information

| | | | |
|------------------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated | Azimuth: | 295.00 |
| Purpose: | Model definition | Dip: | -50.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | Sump at 108.5 | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | No | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | | | |
|--|--|--|--|
| Is Wildlife Present: | No | | |
| Is the Site safe for drilling: | Yes | | |
| Outstanding safety concerns: | | | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water | | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-300\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P21

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Model definition

Easting: 563,717.93

Northing: 7,914,622.03

Elevation: 551.25

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P21

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Model definition

Easting: 563,717.93

Northing: 7,914,622.03

Elevation: 551.25

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P21

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Model definition

Easting: 563,717.93

Northing: 7,914,622.03

Elevation: 551.25

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-300



Working Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/25/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 11.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 6.20 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 40.00 |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Water gauge needs to be installed, litho: Pelite

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-300\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/26/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 131.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|-------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | 20.00 |
| Salt Used (bags): | 1.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Biotite schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-300\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/27/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 266.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 104.30 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: High grade spec

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-300\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/27/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/28/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 335.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 170.80 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

High grade, out of it at 320 but in mag rich CHL schist and now bAck into high grade

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-300\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Photographic Record

Photo Date: 8/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Working Collar Information

Proposed ID: MR1-20-P21
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Model definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/28/2020 12:00:00AM
Comments: Daily inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------|------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 398.00 | End Date of Drilling: | 8/29/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-300\Post-Drilling Inspection Photos

Inspection Details

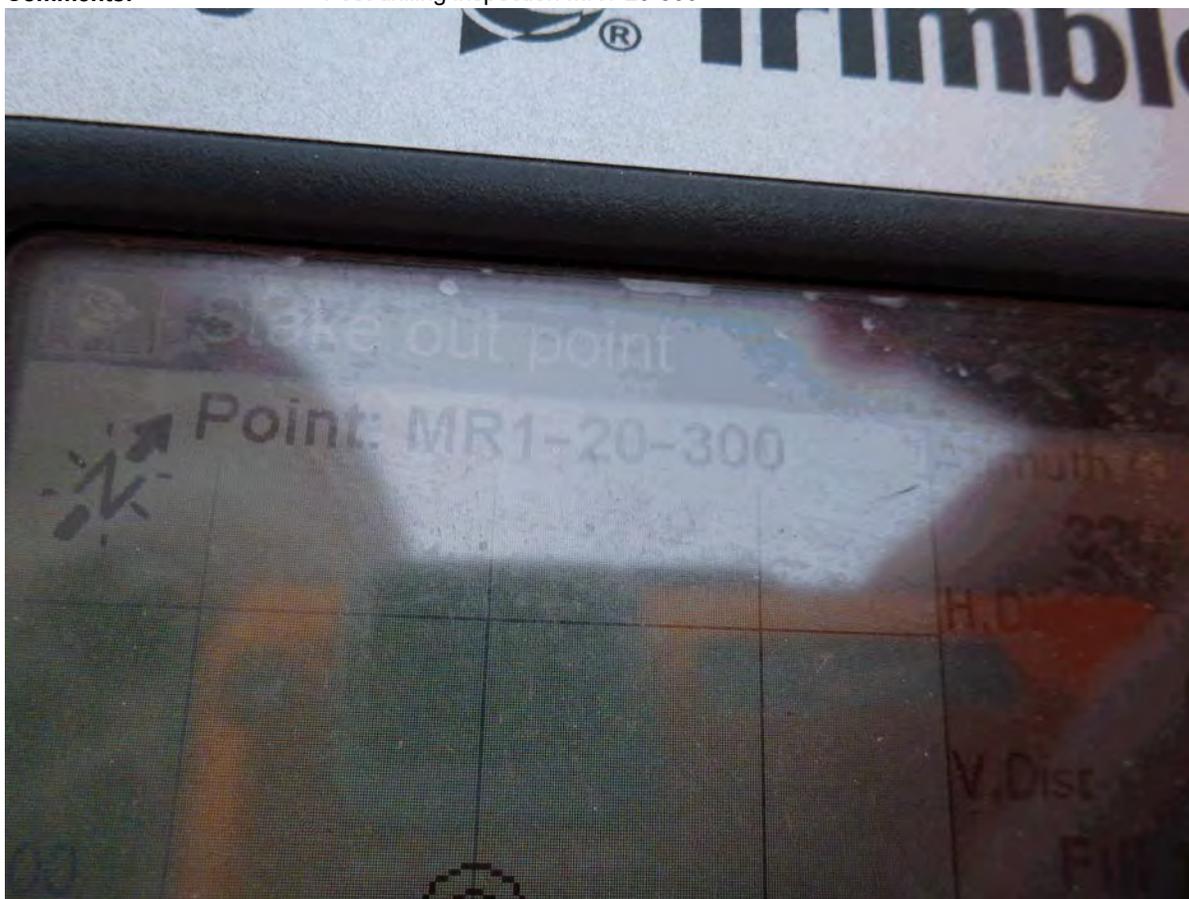
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-300



Inspection Details

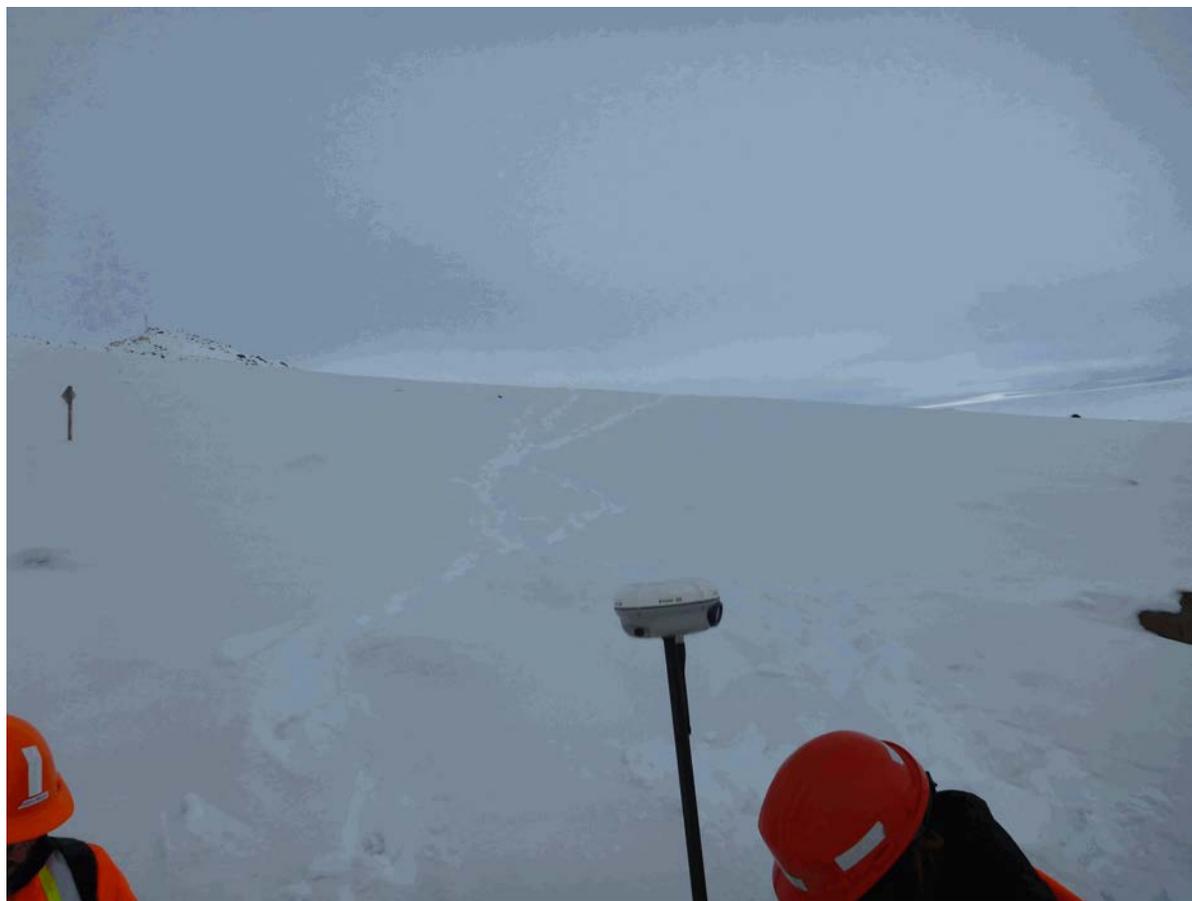
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-300



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P21 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Model definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-300



APPENDIX E.2.32
2020 Exploration
Location— MR1-20-301

Inspection Details

Inspector: Carl-Philippe Folkesson **Date:** 8/16/2020

Proposed Collar Information

| | |
|---|-------------------------------|
| Proposed ID: P20_04 | Easting: 563,118.00 |
| Project: Mary River | Northing: 7,913,935.00 |
| Area: Deposit No. 1 | Elevation: 590.00 |
| Hole Type: DDH | Grid Type: UTM83-17 |
| Location: Mary River | NTS: 37G/5 |
| Location Description: Pit Pinnacle on the edge of the berm | Azimuth: 0.00 |
| | Dip: -50.00 |
| Purpose: Resource Definition | |

Drilling Assessment

| | |
|---|-----------------------------|
| Site Approved By Foreman: Yes | Foreman: Todd Cyr |
| Drill Contractor: Cyr Drilling International | Expected Start Date: |
| Drill #: A5-25 | |
| Collar Move Required?: No | Reason For Move: |

Environmental Assessment

| | |
|--|--------------------------------------|
| Water Source: 108.5km sump | |
| Portable Tanks to be Used: No | Silt Fence(s) Built: No |
| Natural Depression/Drainage evident: No | Recirculation to be used: Yes |
| Man-made sump constructed: No | Silt Bag to be used: No |

Site Assessment

| |
|---|
| Is Wildlife Present: No |
| Is the Site safe for drilling: Yes |
| Outstanding safety concerns: Need to be careful with pit heavy equipment, maintain positive contact when close to water, equipment and drill cuttings will remain in the pit |
| Outstanding environmental concerns: Water, equipment |

General Comments

Mine Ops_Pinnacle Class 1 Continuity

Photographic Record

| |
|---|
| All required photos were taken: Y |
| Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-301\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: Resource Definition

Easting: 563,118.00

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -50.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-301



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: Resource Definition

Easting: 563,118.00

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -50.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: Resource Definition

Easting: 563,118.00

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -50.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-301



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_04

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Pit Pinnacle on the edge of the berm

Purpose: Resource Definition

Easting: 563,118.00

Northing: 7,913,935.00

Elevation: 590.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 0.00

Dip: -50.00

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-301



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/16/2020

Proposed Collar Information

Proposed ID: P20_04

Easting: 563,118.00

Project: Mary River

Northing: 7,913,935.00

Area: Deposit No. 1

Elevation: 590.00

Hole Type: DDH

Grid Type: UTM83-17

Location: Mary River

NTS: 37G/5

Location Description: Pit Pinnacle on the edge of the berm

Azimuth: 0.00

Dip: -50.00

Purpose: Resource Definition

Photographic Record

Photo Date: 8/16/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-301



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_04 | Easting: | 563,118.00 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource Definition | Azimuth: | 0.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/25/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | | |
|---|------|--|----------|---|
| Sediment Controls Measures in place: | | Water Meter Reading: | 3,502.70 | |
| Assessment of Effectiveness: | | Salt Used (kg): | 40.00 | |
| Salt Used (bags): | 2.00 | Are there fully stocked spill kits available (2): | | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Moving slow through hard ground

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-301\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: P20_04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563,118.00
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -50.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Working Collar Information

Proposed ID: P20_04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563,118.00
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -50.00

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_04 | Easting: | 563,118.00 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource Definition | Azimuth: | 0.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 8/25/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | P20_04 | Easting: | 563,118.00 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource Definition | Azimuth: | 0.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/26/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 23.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|----|--|----------|
| Sediment Controls Measures in place: | | Water Meter Reading: | 3,551.70 |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments**Photographic Record**

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-301\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: P20_04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563,118.00
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -50.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Working Collar Information

Proposed ID: P20_04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563,118.00
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -50.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Working Collar Information

Proposed ID: P20_04
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource Definition

Easting: 563,118.00
Northing: 7,913,935.00
Elevation: 590.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 0.00
Dip: -50.00

Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Photographic Record

Photo Date: 8/26/2020 12:00:00AM
Comments: Daily inspection MR1-20-301



Inspection Details

Inspector: _____ Date & Time: _____

Final Collar Information

| | | | |
|--------------|---------------------|------------|--------------|
| Proposed ID: | P20_04 | Easting: | 563,118.00 |
| Project: | Mary River | Northing: | 7,913,935.00 |
| Area: | Deposit No. 1 | Elevation: | 590.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource Definition | Azimuth: | 0.00 |
| | | Dip: | -50.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|-----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 23.25 | End Date of Drilling: | 8/26/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | No inspection as bench has already been mined. |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos:

Photographic Record

Photo Date:
Comments:



APPENDIX E.2
2020 Exploration Drilling
Inspection Logs

APPENDIX E.2.33
2020 Exploration
Location— MR1-20-302

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/14/2020

Proposed Collar Information

| | | | |
|------------------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Between pit new/old road, mild steepness | Azimuth: | 295.00 |
| | | Dip: | -57.00 |
| Purpose: | MR1 North limb definition drilling | | |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-25 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | Sump at km108.5 | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P23

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness

Purpose: MR1 North limb definition drilling

Easting: 563,770.99

Northing: 7,914,763.63

Elevation: 557.11

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -57.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P23

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness

Purpose: MR1 North limb definition drilling

Easting: 563,770.99

Northing: 7,914,763.63

Elevation: 557.11

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -57.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P23

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness

Purpose: MR1 North limb definition drilling

Easting: 563,770.99

Northing: 7,914,763.63

Elevation: 557.11

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -57.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/29/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 0.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Sand is wearing casings down thin, casings had to be pulled, one casing had end snapped

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



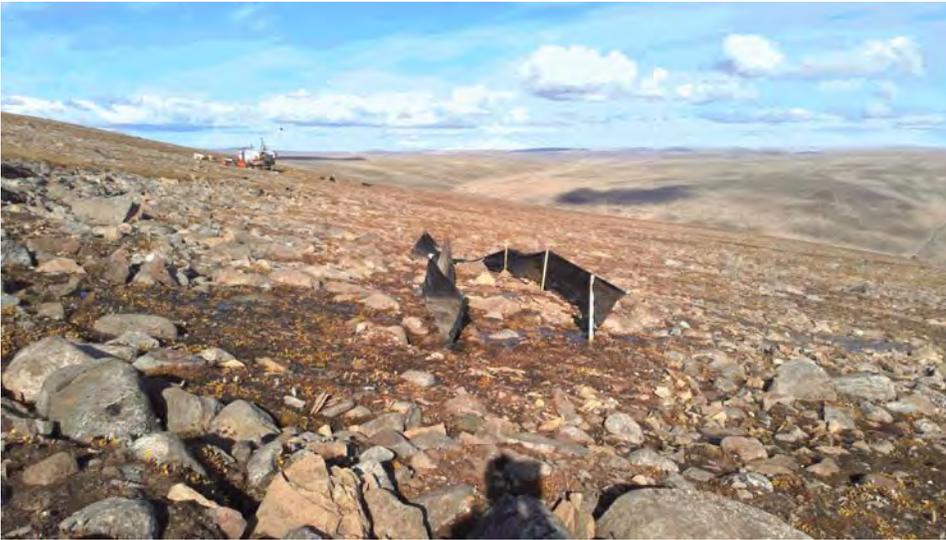
Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/30/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 53.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,691.90 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Litho: Serpentinized pelite +/- mica schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/31/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | 164.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,795.50 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Mica schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | Y | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 9/1/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 221.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,834.30 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Potassic alt meta volcanic

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 9/2/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 302.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 3,920.50 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: high grade

Photographic Record

Environment Photos Taken: Y **Safety Photos Taken:** N **Production Photos Taken:** Y
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 9/3/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 338.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Hole Froze, working to dethaw

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,005.10 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: High Grade

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/3/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 9/4/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 338.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by: Hole froze

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,067.10 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho:High grade + CHL garnet schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/4/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 9/5/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-25
Current Depth: 338.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 4,117.10 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

High grade + CHL garnet schist, casings put in for nq rods

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Working Collar Information

Proposed ID: MR1-20-P23
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: MR1 North limb definition drilling

Easting: 563,770.99
Northing: 7,914,763.63
Elevation: 557.11
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -57.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|------------------------------------|------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 335.85 | End Date of Drilling: | 9/3/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-302\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-302



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|------------------------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P23 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | MR1 North limb definition drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-302



APPENDIX E.2.34
2020 Exploration
Location— MR1-20-303

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/14/2020

Proposed Collar Information

| | | | |
|------------------------------|--|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated | Azimuth: | 295.00 |
| Purpose: | Resource definition | Dip: | -62.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | Sump at 108.5 | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | | | |
|--|--|--|--|
| Is Wildlife Present: | No | | |
| Is the Site safe for drilling: | Yes | | |
| Outstanding safety concerns: | | | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water | | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P22

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Resource definition

Easting: 563,717.93

Northing: 7,914,622.03

Elevation: 551.25

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P22

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Resource definition

Easting: 563,717.93

Northing: 7,914,622.03

Elevation: 551.25

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -62.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P22

Easting: 563,717.93

Project: Mary River

Northing: 7,914,622.03

Area: Deposit No. 1

Elevation: 551.25

Hole Type: DDH

Grid Type: UTM83-17

Location: Mary River

NTS: 37G/5

Location Description: Beside 108km new road, mild steepness, North limb definition, inferred resource to indicated

Azimuth: 295.00

Dip: -62.00

Purpose: Resource definition

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-303

Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/29/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 23.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 244.00 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | 60.00 |
| Salt Used (bags): | 3.00 | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | Yes | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Litho: Pelite

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/30/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 128.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 293.20 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Biotite schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/31/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-24
Current Depth: 227.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 358.40 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | N |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Mica schist

Photographic Record

Environment Photos Taken: N **Safety Photos Taken:** N **Production Photos Taken:** N
Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Daily-Drill Inspection Photos

Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 9/1/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 302.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 431.20 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | Yes | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Litho: CHL garnet schist Fox seen

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 9/2/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 380.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 513.70 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho:High grade

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Working Collar Information

Proposed ID: MR1-20-P22
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,717.93
Northing: 7,914,622.03
Elevation: 551.25
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -62.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---------------------|------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 410.00 | End Date of Drilling: | 9/2/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-303\Post-Drilling Inspection Photos

Inspection Details

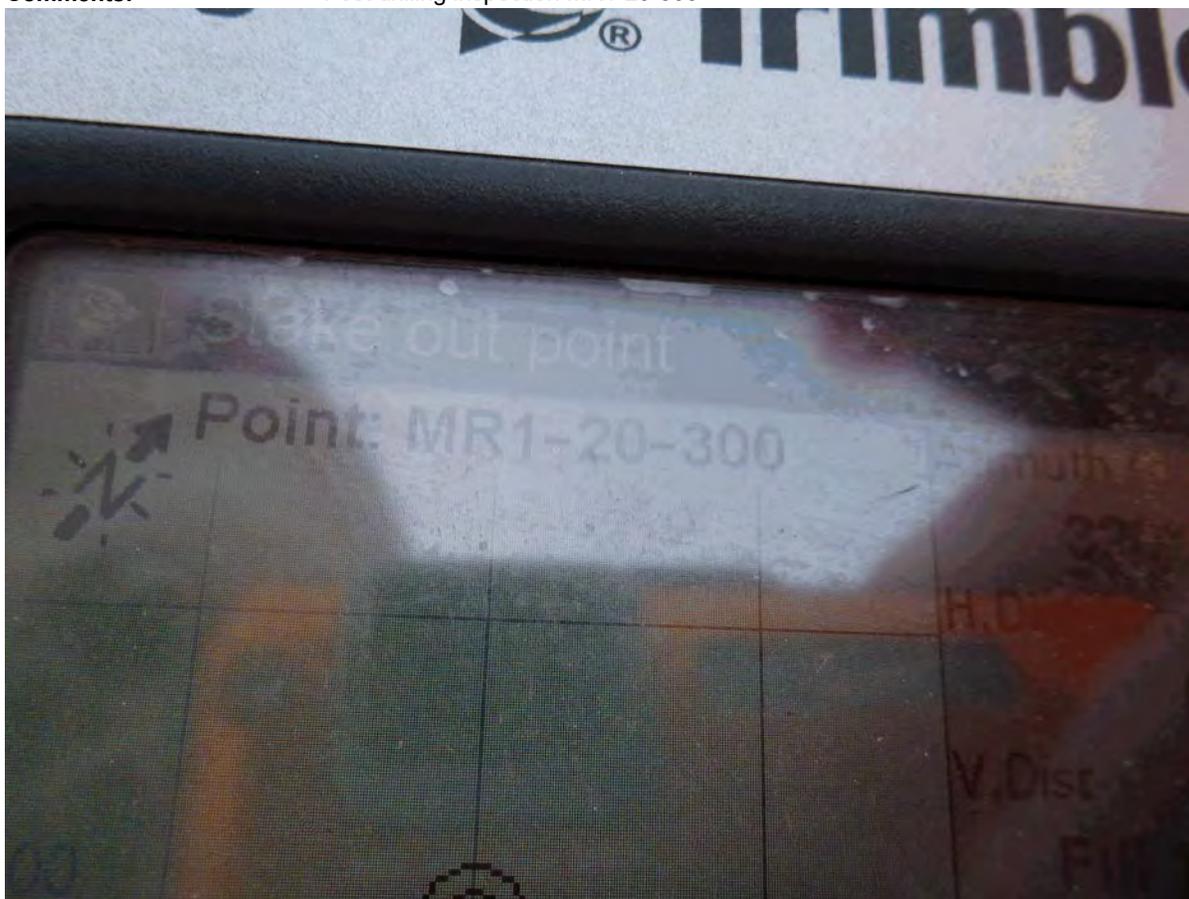
Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM

Comments: Post drilling inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-303



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P22 | Easting: | 563,717.93 |
| Project: | Mary River | Northing: | 7,914,622.03 |
| Area: | Deposit No. 1 | Elevation: | 551.25 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-303



APPENDIX E.2.35
2020 Exploration
Location— MR1-20-304

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/14/2020

Proposed Collar Information

| | | | |
|------------------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated | Azimuth: | 295.00 |
| Purpose: | Resource definition | Dip: | -50.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|---------------|----------------------------------|-----|
| Water Source: | Sump at 108.5 | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | No |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | | | |
|--|--|--|--|
| Is Wildlife Present: | No | | |
| Is the Site safe for drilling: | Yes | | |
| Outstanding safety concerns: | | | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water | | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-25

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Resource definition

Easting: 563,855.31

Northing: 7,914,889.45

Elevation: 553.06

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-304



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-25

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Resource definition

Easting: 563,855.31

Northing: 7,914,889.45

Elevation: 553.06

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-304



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-25

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Resource definition

Easting: 563,855.31

Northing: 7,914,889.45

Elevation: 553.06

Grid Type: UTM83-17

NTS: 37G/5

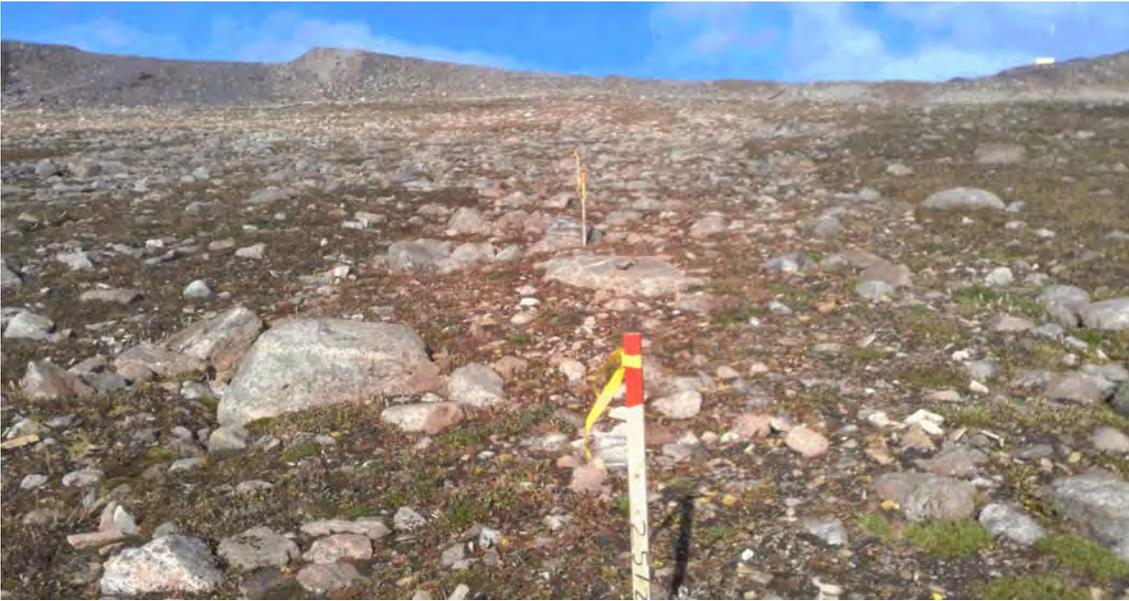
Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-304



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 8/29/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 0.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|----|--|---|
| Sediment Controls Measures in place: | | Water Meter Reading: | |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments

Casings being put in, silt fence to be installed

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/29/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/30/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 60.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,391.80 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: Pelite

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/30/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|----------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 8/31/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|----------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 152.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,476.20 |
| Assessment of Effectiveness: | Fair | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Litho: Quartz vein breccia with CHL garnet schist

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 8/31/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 9/1/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 245.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,519.60 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho: CHL alt meta volcanic

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/1/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

Inspector: Jordan Siewnarine **Date & Time:** 9/2/2020 12:00:00AM

Drilling Information

Drill Contractor: Cyr Drilling International **Drill #:** A5-26
Current Depth: 332.00
Any items lost downhole? No
What was lost:
Delays (if any) caused by:

Environmental Assessment

| | | | |
|---|------------|--|----------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 5,519.60 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Litho:high grade, water meter broken

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Working Collar Information

Proposed ID: MR1-20-25
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Resource definition

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Photographic Record

Photo Date: 9/2/2020 12:00:00AM
Comments: Daily inspection MR1-20-304



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---------------------|------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 359.00 | End Date of Drilling: | 9/2/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-304



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-304



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-25 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-304



APPENDIX E.2.36
2020 Exploration
Location— MR1-20-305

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/14/2020

Proposed Collar Information

| | | | |
|------------------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P26 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated | Azimuth: | 295.00 |
| Purpose: | Infill drilling | Dip: | -56.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-26 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | | | |
|--|--|--|--|
| Is Wildlife Present: | No | | |
| Is the Site safe for drilling: | Yes | | |
| Outstanding safety concerns: | | | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water | | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-305\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P26

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Infill drilling

Easting: 563,855.31

Northing: 7,914,889.45

Elevation: 553.06

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -56.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-305



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P26

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Infill drilling

Easting: 563,855.31

Northing: 7,914,889.45

Elevation: 553.06

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -56.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-305



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P26

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: Infill drilling

Easting: 563,855.31

Northing: 7,914,889.45

Elevation: 553.06

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -56.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-305



Working Collar Information

| | | | |
|---------------------|-----------------|-------------------|--------------|
| Proposed ID: | MR1-20-P26 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Infill drilling | Azimuth: | 295.00 |
| | | Dip: | -56.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 9/5/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | Water line froze | | |

Environmental Assessment

| | | | |
|---|------------|--|---|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:
Are any corrective actions required:
Correct Action Plan (if required):
Corrective Action Due Date:
Responsible Party:

General Comments

Water meter broken

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-305\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P26
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Infill drilling

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -56.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-305



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-305



Working Collar Information

Proposed ID: MR1-20-P26
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: Infill drilling

Easting: 563,855.31
Northing: 7,914,889.45
Elevation: 553.06
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -56.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-305



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-305



Inspection Details

Inspector: Carl-Philippe Folkesson Date & Time: 9/26/2020

Final Collar Information

| | | | |
|--------------|---------------------|------------|--------------|
| Proposed ID: | MR1-20-26 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-26 |
| Final Depth: | 12.00 | End Date of Drilling: | 9/4/2020 |
| Is there casing remaining: | No | Remaining casing/anchor cut to ground level: | Y |
| Was any material left in the hole: | No | | |
| Description of material: | | | |

Environmental Assessment

| | | | |
|---|----|--------------------|---|
| Hole marked: | Y | Is the site clean: | Y |
| Hole plugged (if required): | No | | |
| Plug details: | | | |
| Are there environmental concerns: | | | |
| Description of environmental concerns: | | | |
| Is there any additional work required: | | | |
| Description of any corrective actions required: | | | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos: M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-304\Post-Drilling Inspection Photos

Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-26 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-305



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-26 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-305



Inspection Details

Inspector: Carl-Philippe Folkesson **Date & Time:** 9/26/2020

Final Collar Information

| | | | |
|---------------------|---------------------|-------------------|--------------|
| Proposed ID: | MR1-20-26 | Easting: | 563,855.31 |
| Project: | Mary River | Northing: | 7,914,889.45 |
| Area: | Deposit No. 1 | Elevation: | 553.06 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | Resource definition | Azimuth: | 295.00 |
| | | Dip: | -62.00 |

Photographic Record

Photo Date: 9/26/2020 12:00:00AM
Comments: Post drilling inspection MR1-20-305



APPENDIX E.2.37
2020 Exploration
Location— MR1-20-306

Inspection Details

Inspector: Carl-Philippe Folkesson Date: 8/14/2020

Proposed Collar Information

| | | | |
|------------------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P27 | Easting: | 563,809.00 |
| Project: | Mary River | Northing: | 7,915,075.00 |
| Area: | Deposit No. 1 | Elevation: | 587.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated | Azimuth: | 295.00 |
| Purpose: | In fill drilling | Dip: | -50.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-24 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|-----------------|----------------------------------|-----|
| Water Source: | sump at km108.5 | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | |
|--|--|
| Is Wildlife Present: | No |
| Is the Site safe for drilling: | Yes |
| Outstanding safety concerns: | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-306\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P27

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: In fill drilling

Easting: 563,809.00

Northing: 7,915,075.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-306



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P27

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: In fill drilling

Easting: 563,809.00

Northing: 7,915,075.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-306



Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P27

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: In fill drilling

Easting: 563,809.00

Northing: 7,915,075.00

Elevation: 587.00

Grid Type: UTM83-17

NTS: 37G/5

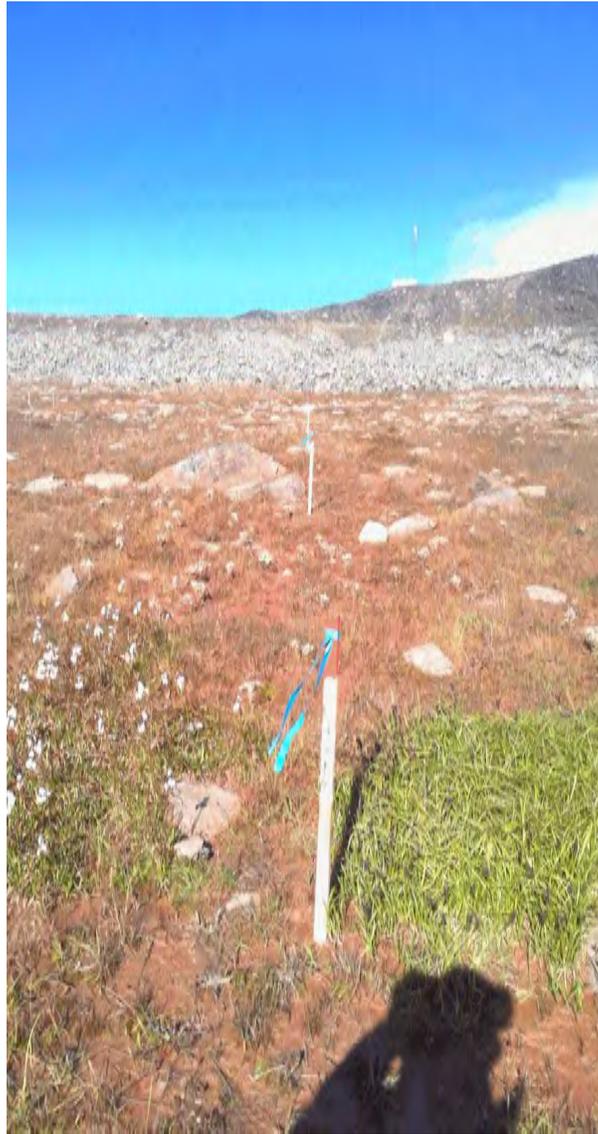
Azimuth: 295.00

Dip: -50.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-306



Working Collar Information

| | | | |
|---------------------|------------------|-------------------|--------------|
| Proposed ID: | MR1-20-P27 | Easting: | 563,809.00 |
| Project: | Mary River | Northing: | 7,915,075.00 |
| Area: | Deposit No. 1 | Elevation: | 587.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | In fill drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Inspection Details

| | | | |
|-------------------|-------------------|-------------------------|---------------------|
| Inspector: | Jordan Siewnarine | Date & Time: | 9/5/2020 12:00:00AM |
|-------------------|-------------------|-------------------------|---------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Current Depth: | 0.00 | | |
| Any items lost downhole? | No | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|------------|--|--------|
| Sediment Controls Measures in place: | Silt fence | Water Meter Reading: | 600.80 |
| Assessment of Effectiveness: | Good | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | Y |
| Wildlife Observed: | No | Are all hydrocarbons in secondary containment: | Y |

Environmental Concerns:**Are any corrective actions required:****Correct Action Plan (if required):****Corrective Action Due Date:****Responsible Party:****General Comments**

Casing put in, drilling ceased today due to frozen water line and low water at sump

Photographic Record

| | | | | | |
|----------------------------------|---|-----------------------------|---|---------------------------------|---|
| Environment Photos Taken: | N | Safety Photos Taken: | N | Production Photos Taken: | N |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-306\Daily-Drill Inspection Photos | | | | |

Working Collar Information

Proposed ID: MR1-20-P27
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: In fill drilling

Easting: 563,809.00
Northing: 7,915,075.00
Elevation: 587.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-306



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-306



Working Collar Information

Proposed ID: MR1-20-P27
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: In fill drilling

Easting: 563,809.00
Northing: 7,915,075.00
Elevation: 587.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-306



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-306



Working Collar Information

Proposed ID: MR1-20-P27
Project: Mary River
Area: Deposit No. 1
Hole Type: DDH
Location: Mary River
Purpose: In fill drilling

Easting: 563,809.00
Northing: 7,915,075.00
Elevation: 587.00
Grid Type: UTM83-17
NTS: 37G/5
Azimuth: 295.00
Dip: -50.00

Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-306



Photographic Record

Photo Date: 9/5/2020 12:00:00AM
Comments: Daily inspection MR1-20-306



Inspection Details

Inspector:

Date & Time:

Final Collar Information

| | | | |
|--------------|------------------|------------|--------------|
| Proposed ID: | MR1-20-P27 | Easting: | 563,809.00 |
| Project: | Mary River | Northing: | 7,915,075.00 |
| Area: | Deposit No. 1 | Elevation: | 587.00 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | In fill drilling | Azimuth: | 295.00 |
| | | Dip: | -50.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-24 |
| Final Depth: | 17.00 | End Date of Drilling: | 9/5/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|--|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | |
| Description of environmental concerns: | Hole abandoned due to freeze-up will be drilled in 2021 |
| Is there any additional work required: | |
| Description of any corrective actions required: | |
| | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:

Location of photos:

Photographic Record

Photo Date:

Comments:



APPENDIX E.2.38
2020 Exploration
Location— MR1-20-307

Inspection Details**Inspector:** Carl-Philippe Folkesson **Date:** 8/14/2020**Proposed Collar Information**

| | | | |
|------------------------------|---|-------------------|--------------|
| Proposed ID: | MR1-20-P24 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Location Description: | Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated | Azimuth: | 295.00 |
| Purpose: | In-Fill Drilling | Dip: | -57.00 |

Drilling Assessment

| | | | |
|----------------------------------|----------------------------|-----------------------------|----------|
| Site Approved By Foreman: | Yes | Foreman: | Todd Cyr |
| Drill Contractor: | Cyr Drilling International | Expected Start Date: | |
| Drill #: | A5-25 | | |
| Collar Move Required?: | No | Reason For Move: | |

Environmental Assessment

| | | | |
|---|--------------------|----------------------------------|-----|
| Water Source: | 108.5km water sump | | |
| Portable Tanks to be Used: | No | Silt Fence(s) Built: | Yes |
| Natural Depression/Drainage evident: | Yes | Recirculation to be used: | Yes |
| Man-made sump constructed: | No | Silt Bag to be used: | No |

Site Assessment

| | | | |
|--|--|--|--|
| Is Wildlife Present: | No | | |
| Is the Site safe for drilling: | Yes | | |
| Outstanding safety concerns: | | | |
| Outstanding environmental concerns: | Silt fence is required for drill cuttings, mud and waste water | | |

General Comments

NL

Photographic Record

| | |
|--|--|
| All required photos were taken: | Y |
| Location of photos: | M:\EXPLORATION2\2020 FIELD PROGRAM\Drill Program\Drill Inspection\Drill Inspection Reports and Photos 2020\Deposit 1\MR1-20-307\Pre-Drilling Inspection Photos |

Inspection Details

Inspector: Carl-Philippe Folkesson

Date: 8/14/2020

Proposed Collar Information

Proposed ID: MR1-20-P24

Project: Mary River

Area: Deposit No. 1

Hole Type: DDH

Location: Mary River

Location Description: Between pit new/old road, mild steepness, North limb definition, inferred resource to indicated

Purpose: In-Fill Drilling

Easting: 563,770.99

Northing: 7,914,763.63

Elevation: 557.11

Grid Type: UTM83-17

NTS: 37G/5

Azimuth: 295.00

Dip: -57.00

Photographic Record

Photo Date: 8/14/2020 12:00:00AM

Comments: Pre-Drilling Inspection MR1-20-307



Working Collar Information

| | | | |
|---------------------|------------------|-------------------|------------|
| Proposed ID: | MR1-20-P24 | Easting: | 563770.99 |
| Project: | Mary River | Northing: | 7914763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | In-Fill Drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Inspection Details

| | |
|-------------------|-------------------------|
| Inspector: | Date & Time: |
|-------------------|-------------------------|

Drilling Information

| | | | |
|-----------------------------------|----------------------------|-----------------|-------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Current Depth: | | | |
| Any items lost downhole? | | | |
| What was lost: | | | |
| Delays (if any) caused by: | | | |

Environmental Assessment

| | | | |
|---|--|--|--|
| Sediment Controls Measures in place: | | Water Meter Reading: | |
| Assessment of Effectiveness: | | Salt Used (kg): | |
| Salt Used (bags): | | Are there fully stocked spill kits available (2): | |
| Wildlife Observed: | | Are all hydrocarbons in secondary containment: | |
| Environmental Concerns: | | | |
| Are any corrective actions required: | | | |
| Correct Action Plan (if required): | | | |
| Corrective Action Due Date: | | | |
| Responsible Party: | | | |

General Comments**Photographic Record**

| | | |
|----------------------------------|-----------------------------|---------------------------------|
| Environment Photos Taken: | Safety Photos Taken: | Production Photos Taken: |
| Location of photos: | | |

Photographic Record

Photo Date:
Comments:



Inspection Details

Inspector: _____ Date & Time: _____

Final Collar Information

| | | | |
|--------------|------------------|------------|--------------|
| Proposed ID: | MR1-20-P24 | Easting: | 563,770.99 |
| Project: | Mary River | Northing: | 7,914,763.63 |
| Area: | Deposit No. 1 | Elevation: | 557.11 |
| Hole Type: | DDH | Grid Type: | UTM83-17 |
| Location: | Mary River | NTS: | 37G/5 |
| Purpose: | In-Fill Drilling | Azimuth: | 295.00 |
| | | Dip: | -57.00 |

Drilling Information

| | | | |
|------------------------------------|----------------------------|--|----------|
| Drill Contractor: | Cyr Drilling International | Drill #: | A5-25 |
| Final Depth: | 24.50 | End Date of Drilling: | 9/5/2020 |
| Is there casing remaining: | | Remaining casing/anchor cut to ground level: | |
| Was any material left in the hole: | | | |
| Description of material: | | | |

Environmental Assessment

| | |
|---|---|
| Hole marked: | Is the site clean: |
| Hole plugged (if required): | |
| Plug details: | |
| Are there environmental concerns: | Hole abandoned due to Freeze-up will be drilled in 2021. |
| Description of environmental concerns: | |
| Is there any additional work required: | |
| Description of any corrective actions required: | |

General Comments

Photographic Record

Post Clean-Up Photos Taken:
Location of photos:

Photographic Record

Photo Date:
Comments:



APPENDIX F

LEGAL SURVEY SOCIO-ECONOMIC
REPORT



March 31, 2021

His Worship Joshua Arreak
Mayor
Hamlet of Pond Inlet
Pond Inlet, Nunavut
mayor@pondinlet.ca

Mr. Eric Ootoovak
Chairperson
Mittimatalik Hunters &
Trappers Association
Pond Inlet, Nunavut
pond@baffinhto.ca

Joel Fortier
Manger of Lands Administration
Qikiqtani Inuit Association
Iqaluit, Nunavut
jfortier@qia.ca

**Re: Summary Socio-Economic Impact Report
Survey Program to Support the 2020 Mary River Exploration Program
Land Use Licence QL2-2012**

This summary report to the Qikiqtani Inuit Association (QIA), Hamlet of Pond Inlet and Mittimatalik Hunters and Trappers Organization (MHTO) has been prepared to summarize the socio-economic impact of the 2020 exploration activities conducted under Baffinland Iron Mines Corporation's (Baffinland) Land Use Licence 2 No. QL2-2012 (Licence) between the QIA and Baffinland for the PI-14 and PI-15 Legal Survey Program (the Program).

Due to the global COVID-19 pandemic, interaction between Nunavummiut and mine workers was prohibited by Nunavut Public Health Authorities. As such, Baffinland was unable to have any residents of Nunavut working on the Program. However, Baffinland, in partnership with Qikiqtani Industries Ltd., was able to contract two Inuit residing in southern Canada to assist with the survey work, as well as other exploration work when inclement weather kept the survey crews in camp. One of these Inuit employees is in the process of securing full-time employment with Baffinland on the Site Environment team as a result of employment in this Program.

Inuit employees working on the Program were provided with on-the-job training including Mine Site safety training, WHMIS training, and training on Exploration specific skills such as drill core management and sampling, rock and mineral identification and while working with the Survey crew, were provided with instruction on the basics of survey methods.

A full break down of Program work hours and Program training hours are presented in the tables below. As the survey work completed under Land Use Licence QL2-2012 is a component of the Mary River Exploration Program and the approved Mary River Project under Project Certificate No. 005 as amended, the full socio-economic impact of the Mary River Project is provided with the Annual Report to the Nunavut Impact Review Board.

Table 1: Total PI-14 & PI-15 Legal Survey Program Hours Worked

| Inuit/Non-Inuit | Baffinland/ Contractor | Hours Worked | Position | Department | Gender |
|--------------------|------------------------|--------------|--------------------|-------------|--------|
| Non-Inuit | Contractor | 480 | Surveyor | Exploration | Male |
| Non-Inuit | Contractor | 480 | Surveyor | Exploration | Male |
| Non-Inuit | Contractor | 480 | Surveyor Assistant | Exploration | Male |
| Non-Inuit | Contractor | 336 | Surveyor Assistant | Exploration | Female |
| Inuit ¹ | Contractor | 156 | Field Assistant | Exploration | Male |
| Inuit | Contractor | 336 | Field Assistant | Exploration | Male |

¹ Employee had to depart site early due to a family emergency at home.

Table 2: Total PI-14 & PI-15 Legal Survey Program Training Hours

| Type of Training | Inuit Employees | | | Non-Inuit Employees | | |
|--|-----------------|------------|-------------|---------------------|------------|-------------|
| | Female Hours | Male Hours | Total Hours | Female Hours | Male Hours | Total Hours |
| Mine Site Safety Training | 0 | 16 | 16 | 8 | 24 | 48 |
| WHMIS Training | 0 | 8 | 8 | 4 | 12 | 24 |
| Core Management Training | 0 | 4 | 4 | 0 | 0 | 4 |
| Core Sampling Training | 0 | 6 | 6 | 0 | 0 | 6 |
| Rock & Mineral Identification Training | 0 | 10 | 10 | 0 | 0 | 10 |
| Survey Basics | 0 | 10 | 10 | 0 | 0 | 10 |

Regards,



Jon Hey

Non-Ferrous Exploration Manager

Cc: Chris Spencer (QIA)

David Stockley (Hamlet of Pond Inlet)

Udlu Hanson, Joe Tigullaruq, Terry Killiktee, Lou Kamermans, Christopher Murray, Andrew Moore (Baffinland)

