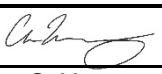
2020 Marginal Closure and Reclamation

Financial Security Estimate

1 November 2019

2019-11-01	0	Issued for Use			Via Email 1 Nov. 2019	Via Email 1 Nov. 2019	
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1. Introduction

1.1 Purpose

The purpose of this 2020 Marginal Closure and Reclamation Financial Security Estimate ('2020 Estimate') is to provide a summary of the closure and reclamation security estimated to be required for the Mary River Project (the Project) to meet reclamation objectives as outlined in the Interim Mine Closure and Reclamation Plan (BAF-PH1-830-P16-0012). The total 'global' closure and reclamation security estimated to be required takes into consideration planned work in 2020 being conducted under Type "A" Water Licence 2AM-MRY1325, Amendment No. 1 and the Qikiqtani Inuit Association's (QIA) Commercial Lease No. Q13C301 in addition to previous Project closure and reclamation security.

This estimate also includes work proposed for 2020 to be completed following the issuance of the amended Project Certificate for the Phase 2 Project (Phase 2), however irrespective of securities these works may not proceed until the amended Project Certificate is issued. Additional reclamation security will be required to complete works in 2020 that require an amended Type 'A' Water Licence for Phase 2 to be issued. As a separate marginal increase for Phase 2 was submitted and will be reviewed under the amendment process for the Type A Water Licence, these works have not be included in this estimate.

The 2020 Estimate is intended to be inclusive of all closure and reclamation costs estimated to be required for a 3rd Party Contractor to perform the work in a 'worst-case' scenario for all disturbed areas, project components and project activities existing on the Mary River Project site upon conclusion of the 2020 Work Plan. For the purpose of this document, the material changes associated to security from the 2020 Work Plan are termed, '202- Work Plan Security Estimate'.

In order for the 2020 Estimate to accurately reflect the total 'global' closure and reclamation security estimated to be required for the Project in 2020, this document also provides a summary of the identified Project components and activities that have materially changed from the position presented by Baffinland Iron Mines Corporation (Baffinland) during the 2019 Annual Security Review (ASR)[1] and subsequent adjustments based on the volume of material that arrived on the 2019 sealift. Based on these identified material changes, the resulting associated security impacts (+/- $) are also presented for incorporation into the 2020 Estimate to ensure accurate representation of the Project based on current planning.

1.2 Regulatory Context

An annual adjustment to reclamation security is required under Section 9.2 of the Commercial Lease, No. Q13C301, agreed to between Baffinland and the QIA, as well as a requirement under the Type 'A' Water Licence 2AM-MRY1325, Amendment No. 1 (Part J, Item 3), and in consideration of the QIA Abandonment and Reclamation (A&R) Policy (QIA, 2013). Additionally, Part C, Item 3 of the Type 'A' Water Licence 2 AM-MRY1325 and Section 9.2, Part

[1] As described in 2017 Marginal Closure and Reclamation Financial Security Estimate (November 2, 2016), 2017 Marginal Closure and Reclamation Security Estimate Memo – Revisions to Reflect Interested Parties Feedback (November 24, 2016) and NWB Letter on January 20, 2017 Re: Licence No. 2AM-MRY1325, Baffinland Iron Mines Corporation Type "A" Water Licence, Mary River Mine Project: Direction from Nunavut Water Board Under the Annual Security Review Process Established Under Part C and Schedule C of the Water Licence.

i) of the Commercial Lease, No. Q13C301 allows for Baffinland (the Licensee) to request a change to the total amount of security outside of the ASR process. The 2020 Estimate therefore represents Baffinland's proposed adjustment to reclamation security to account for work conducted on site to date and planned work to be completed as described in the 2020 Work Plan. The amount of security estimated to be required is based on an estimate of the highest reclamation liability in the upcoming year[2] or 'worst case' scenario.

1.3 Applied Rates

In 2019, Baffinland and QIA entered into a Reclamation Security Arbitration Agreement. Both parties have committed to arbitrate in good faith in order to determine the appropriate amount of reclamation security for the 2019 ASR, and to establish the appropriate methodology to be adopted in future years for determining the elements of the calculation of reclamation security in dispute between the parties. As the arbitration process has yet to yield a determination on the 2019 ASR or the methodology used by both parties, Baffinland has continued to utilize the established methodology from the 2014 Complete Project Financial Security Assessment[3].

The 2020 Estimate was developed by applying the direct cost unit rates established in the 2014 Complete Project Financial Security Assessment and updated in the 2019 ASR to quantities of functional units of each activity or project component proposed/changed under the 2020 Estimate, unless indicated otherwise.

Based on the direct cost estimate, indirect costs required to support direct cost work were accounted for proportional to assumptions and considerations applied in the 2014 Complete Project Financial Security Assessment and the update to unit rates completed in 2019. Indirect costs are additional costs outside of costs required for direct reclamation activities that are required to ensure reclamation objectives are met. The sum of direct and indirect estimated costs for the 2020 Estimate was then differentiated based on geographic liability allocation (IOL vs. Crown land) and relation to land or water liability. Appendix A presents the Mary River Project Estimate Breakdown Structure (EBS) which demonstrates the results of this process for all activities or project components proposed under the 2020 Estimate and all previous project financial security liabilities as described in previous ASR submissions.

All costs are in Canadian Dollars (CAD). All monetary totals are rounded to the nearest '000.

1.4 Document Structure

The following outlines the structure of the 2020 Estimate document:

- Section 1 presents the purpose, regulatory context, applied rates used, and document structure applicable to the 2020 Estimate;
- Section 2 describes the '2019 Reconciliation' process, and its resulting impacts to the 2020 Estimate;

[2] As per Type 'A' Water Licence 2AM-MRY1325, Amendment No. 1, Schedule C, Part 6, Item c.

[3] As described in 2014 Complete Project Financial Security Assessment, H349000-1000-07-126-0018, Rev.1. Hatch. Submitted to parties October 31, 2014.

- Section 3 provides a summary of the financial security estimated to be required for marginal closure and reclamation liability increase associated with the Mary River Project 2020 Work Plan ('2020 Work Plan Security Estimate');
- Section 4 summarizes net impacts to the 2020 Estimate; and
- Section 5 lists supporting documentation that was available to determine costs and quantities for the purpose of the 2020 Estimate.

2. 2019 Reconciliation

In order for the 2020 Estimate to accurately reflect the total 'global' closure and reclamation security estimated to be required for the Project in 2020, the previous year's project estimates need to reconciled to ensure applicability. Activities previously proposed that require reconciliation fall into the following categories:

a) Activities that have had security allocated to them that are no longer planned to be conducted;

b) Activities that have been conducted but have no security explicitly allocated to them; and

c) Materials and equipment that have arrived at the Project on the 2019 sealift, and were under or over estimated in 2019.

The activities that fall into the above categories and their corresponding reconciliation action are described in the sub sections below.

2.1 Disturbed Areas Reconciliation

2.1.1 Grade and Re-Contour

The position presented by Baffinland during the 2019 ASR has not substantially changed, subject to further discussion with QIA on the integration of satellite imagery surveys for the assessment of disturbed areas. It should be noted that the location and orientation of Laydown R3 in the 2018 Work Plan was modified in 2019 during construction, and was added to the footprint of Laydown L2. However, there is no material change to the reclamation security holding required as the footprint allocated remained the same. Use of satellite imagery to reconcile actual disturbed areas is still being evaluated by Baffinland and QIA, with the intent that it may be utilized for future security estimates.

2.2 Buildings

2.2.1 Buildings and Foundations

The position presented by Baffinland during the 2019 ASR has increased by $90,000, based on the erection of four (4) buildings for equipment storage at Milne Port in fall 2020. These include three (3) soft walled buildings on LP3 known as the Aecon Workshops with a footprint of 505 m^2 each, and one (1) modular building on L2 with a footprint of 500 m^2 identified as the Sana Workshop. Additionally, during the 2019 QIA Audit the construction of a Carpenter Workshop at Milne Port was identified for which securities were not in place. The Carpenter Workshop has an estimated footprint of 100 m^2. This marginal increase of buildings and foundations is itemized in the EBS as presented in Appendix A, and summarized in Table 2-1.

Table 2-1: Summary of Marginal Increase of Buildings and Foundation Areas

Description	Unit Rate Type	Unit Rate ($/$m^2$)	Quantity (m^2)	Cost ($)[1]
Milne Port				
Aecon Workshops	Soft Walled Building Not Contaminated	38.11	1,650	62,882
Sana Workshop	Modular Building Not Contaminated	47.64	500	23,820
Carpenter Workshop	Fold Away Building Not Contaminated	33.34	100	3,334
		Total	**2250**	**90,000**

2.2.2 *Desalination Plant*

The position presented by Baffinland during the 2019 ASR has decreased by $7,925 based on removal of the proposed desalination plant at Milne Port from the proposed scope of work. This cost allocation was based on the unit rate buildup for a potable water plant.

2.3 2018 Sea Lift Materials

The position presented by Baffinland during previous security estimates was based on the forecasted equipment expected to be delivered to site in 2019. As a result of updated planning, contractor scheduling, and operational needs arising following the Work Plan preparation there were additional materials and equipment mobilized to the Project not considered in the previous security estimates, as well as equipment forecasted that did not arrive and equipment that was backhauled and removed from the Project.

2.3.1 Mechanical and Mobile Equipment

The position presented by Baffinland during previous security estimates was based on the forecasted equipment expected to be delivered to site in 2019. The actual type and quantity of equipment delivered to site in 2019 varied from the forecasted estimate and therefore during the 2019 Reconciliation process Baffinland adjusted the EBS, as itemized in Table 2-4 below, to ensure the 2020 Estimate reflects the most up to date information. Additionally, items in the table identified as Backhauled in 2019 were removed from the site in 2019 on the backhaul sealift. Items with a negative value were the result of less equipment arriving than what was forecast in 2019, and a positive value represent additional equipment to what was represented in the 2019 Work Plan.

Table 2-4. Mechanical and Mobile Equipment Reconciliation

Description	Unit Rate Type	Unit Rate ($/pcs)	Quantity (pcs)	Cost ($)[1]
Inbound in 2019				
Generator	Heavy Equipment	32,950.00	1	32,950
Bucket Wheel Stacker Reclaimer	Heavy Equipment	32,950.00	-2	-65,900
Screen Metso FS353	Heavy Equipment	32,950.00	-1	-32,950
30,000 L Fuel Tanker Truck	Heavy Mobile Equipment	2,075.00	-11	-22,825
745C Rock Truck	Heavy Mobile Equipment	2,075.00	4	8,300
950M Loader	Heavy Mobile Equipment	2,075.00	1	2,075
Heavy Duty Shunt Truck	Heavy Mobile Equipment	2,075.00	-1	-2,075
Feeder Dolly	Heavy Mobile Equipment	2,075.00	-1	-2,075
Fines Mobile Stacker	Heavy Mobile Equipment	2,075.00	-1	-2,075
CONVEYING - Jump Conveyor	Heavy Mobile Equipment	2,075.00	-1	-2,075
CONVEYING - Conveyor Feeder	Heavy Mobile Equipment	2,075.00	-1	-2,075
Pumper fire truck	Heavy Mobile Equipment	2,075.00	-1	-2,075
MOBILE EQUIPMENT - MINE SITE WHEEL DOZER - CAT 824H	Heavy Mobile Equipment	2,075.00	-1	-2,075
922K Wheel Loader	Heavy Mobile Equipment	2,075.00	-1	-2,075
Jet A Truck	Heavy Mobile Equipment	2,075.00	-1	-2,075
D10 Dozer	Heavy Mobile Equipment	2,075.00	-1	-2,075
D8T Dozer	Medium Mobile Equipment	1,162.50	3	3,488
Tri-Trombone flat trailer	Medium Mobile Equipment	1,162.50	-1	-1,163
Zoom Boom 12,000 lbs	Medium Mobile Equipment	1,162.50	-1	-1,163

Description	Unit Rate Type	Unit Rate ($/pcs)	Quantity (pcs)	Cost ($)[1]
4x4 hotseating bus	Medium Mobile Equipment	1,162.50	-1	-1,163
Boom Truck	Medium Mobile Equipment	1,162.50	-1	-1,163
Pressure washing truck	Medium Mobile Equipment	1,162.50	-1	-1,163
Kalamar DRT450	Medium Mobile Equipment	1,162.50	1	1,163
Tower Trailer	Medium Mobile Equipment	1,162.50	3	3,488
Light ERT utility vehicle	Light Mobile Equipment	729.2	-1	-729
Portable water pump	Light Mobile Equipment	730.2	-2	-1,460
Pickup truck (F350 or similar)	Light Mobile Equipment	731.2	-7	-5,118
Genie Manlift z60	Light Mobile Equipment	732.2	-2	-1,464
Genie Manlift s135x	Light Mobile Equipment	733.2	-3	-2,200
Frost Fighter Heater	Light Mobile Equipment	734.2	-6	-4,405
Rescue Boat and Trailer	Light Mobile Equipment	734.2	1	734
Light Plant	Light Equipment	1,583.80	-21	-33,260
Generator/Air Compressor	Light Equipment	1,583.80	-1	-1,584
3rd Party Heavy Mobile Equipment (make up for typical fleet)	Heavy Mobile Equipment	2,075.00	60	124,500
3rd Party Medium Mobile Equipment (make up for typical fleet)	Medium Mobile Equipment	1,162.50	67	77,888
3rd Party Light Mobile Equipment (make up for typical fleet)	Light Mobile Equipment	729.2	65	47,398
Backhauled in 2019				
Decommissioned Drill	Heavy Mobile Equipment	2,075.00	-1	-2,075
Decommissioned Vehicles	Light Mobile Equipment	729.2	-3	-2,188
Hagglunds Snow Vehicle	Light Mobile Equipment	729.2	-1	-729
3rd Party Heavy Mobile Equipment (make up for typical fleet)	Heavy Mobile Equipment	2,075.00	-11	-22,825
3rd Party Medium Mobile Equipment (make up for typical fleet)	Medium Mobile Equipment	1,162.50	-6	-6,975
3rd Party Light Mobile Equipment (make up for typical fleet)	Light Mobile Equipment	729.2	-31	-22,605
	TOTAL		**81**	**46,000**

NOTES:
1) Grand total rounded to nearest '000

It was noted during the 2019 ASR process that the quantities of mechanical and mobile equipment characterized in the EBS are not consistent with the quantities in the preliminary inventories provided to QIA by Baffinland during the 2018 Audit, and the quantities the QIA stated were present in their reclamation security model. As copies of the QIA model are not provided as part of the reclamation security estimate, these values cannot be validated by Baffinland, however it is understood that QIA has utilized quantities provided by Baffinland for mechanical and mobile equipment since 2014. As the inventories and the quantities in the respective models vary considerably, the total quantities of equipment should be further validated through evaluation of the available preliminary inventories and the arbitration process entered into between QIA and Baffinland. In the interim, review of the available preliminary inventories with respect to the quantities in the EBS indicate that Baffinland is over-bonded by approximately $606,000. This value has not been taken into account in reconciling costs for 2020, under the expectation that the validation of inventories will be assessed in the arbitration process and the EBS can up updated accordingly to be consistent with actual quantities on site and a consistent methodology agreed to by both parties.

3. 2020 Work Plan

3.1 Introduction

The purpose of this section of the document is to provide a summary of the additional financial security estimated to be required for work items described in the Mary River Project 2020 Work Plan (1 November 2019). The estimated marginal closure and reclamation financial security required to account for 2020 planned work (aka. The '2020 Work Plan Security Estimate') is intended to be aggregated with the changes to the 2019 Work Plan reconciled in the above Section 2 and previous Project closure and reclamation security bonding. The combination of the reconciliation in Section 2 and the estimate presented in this Section 3 will provide a comprehensive update to the 'global' estimate and the marginal increase required for 2020. The result of this approach, the estimated project-wide or 'global' closure and reclamation security bonding totals for the Mary River Project to-date, are presented in Section 4.

A detailed description of the work activities captured in the 2020 Work Plan Security Estimate are described in the Baffinland 2020 Work Plan, and are summarized in Section 3.2 below.

3.1.1 Closure Scenario

The 2020 Work Plan Security Estimate is based on a scenario that assumes all planned activities for 2020 Work Plan have taken place on site and all material/consumables (excluding fuel) that are mobilized to site in 2020 are in full inventory. All other assumptions relating to the estimation of direct and indirect costs, including fuel, associated with the 2020 Work Plan Security Estimate are consistent with the assumptions established in the 2014 Complete Project Financial Security Assessment and previous ASR documentation unless noted otherwise.

3.2 2020 Planned Activities

As described in the 2020 Work Plan, planned work in 2020 is being conducted under the amended Project Certificate No. 005 Amendment No. 2, QIA Commercial Lease No. Q13C301, Type 'A' Water Licence 2AM-MRY1325, Amendment No. 1 and Type 'B' Water Licence 8BC-MRY1416. Additionally, the 2020 Work Plan considers works that are planned based on the anticipated approval of the Phase 2 proposal at a point in 2020. While the 2020 Work Plan considers the scope of the Phase 2 proposal activities planned for 2020 following the issuance of the amended Project Certificate, activities that require the amendment to the Type 'A' Water Licence have not been considered. This approach ensures that adequate securities are considered for each stage of the approval process and reduces the administrative burden of subsequent Work Plan amendments and review following the issuance of the amended Project Certificate.

The following list represents the activities from the 2020 Work Plan planned for implementation in 2020, but will only proceed following the applicable regulatory approvals where required, and approval from QIA including the posting of any relevant marginal security adjustments or adjustments to the Commercial Lease (e.g. OEN, TRAN). This planned work includes:

1. Development and operation of the mine, ore crushing and land transportation, stockpiling and marine shipment of ore;
2. The continued development and construction of infrastructure required at Milne Port and the Mary River Mine Site (Mine Site) and along the Tote Road for the Mary River Project;
3. Continued operation of Mine Site and Milne Port Camps to support ongoing operations and construction activities which will include the use of water and deposition of waste as authorized under existing permits;
4. On-going operation and expansion of permitted quarry and borrow sources; additionally, fifteen (15) new quarries have been identified along the Northern Transportation Corridor to support ongoing maintenance and construction;
5. At Milne Port, vessels carrying fuel, equipment and supplies for use at the Mine Site and Milne Port will arrive during open water. Material, fuel and supplies required for operational and construction activities will be transported to the Mine Site year round via the Tote Road;
6. Ongoing environmental effects studies and baseline data collection will continue to support the construction and operation of the Project as well as for future engineering requirements;
7. Continued environmental monitoring in accordance with the approved Project Certificate, licenses, authorizations, management plans and environmental effects monitoring plans;
8. On-going exploration activities including drilling, mapping, prospecting, sampling, and geophysics. Planning of the details of the summer drilling and/or trenching program is not yet finalized;
9. Tote Road improvements to address safety concerns, freshet runoff issues and poor road conditions during the spring and summer periods;
10. Continued construction of additional fuel storage at the project;
11. Site grading and laydown construction for supplies and equipment to support future construction activities and remove ponding and permafrost degradation issues around current infrastructure.
12. Erection of additional maintenance facilities to safely service equipment.

A detailed description of these work activities is provided in the Baffinland 2020 Work Plan.

3.3 2020 Work Plan Security Estimate Assumptions

3.3.1 Direct Cost Assumptions

The following sub-sections describe the assumptions used to establish the direct costs allocated in the 2020 Work Plan Estimate based on the 2020 Work Plan. Please refer to Appendix A for details of this cost allocation based on the Estimate Breakdown Structure (EBS), Appendix B for locations of below noted facilities, and Appendix C for supporting

documentation relating to estimated unit quantities (where available). Direct cost allocations were applied to quantities as indicated in the 2020 Work Plan and consistent with the direct cost assumptions described in the 2014 Complete Project Financial Security Assessment.

3.3.1.1 Buildings and Foundations

The 2020 Work Plan Security Estimate allocates $429,000 plus proportional cover material application costs, in direct costs to account for a marginal increase of buildings and foundations associated with the 2020 Work Plan. This marginal increase of buildings and foundations is itemized in the EBS as presented in Appendix A. This additional cost allocation is based on:

- Mobilization of various trailers, offices and washcars;
- New slab on grade areas outside the Mine Truck shop and at the KM110 Laydown;
- Installation of the Sailivik Camp mine dry; and
- Heated storage and welding shop at the KM110 laydown area for maintenance of mine operations equipment.

A summary of security costs associated with the marginal increase of buildings and foundations associated with the 2020 Work Plan is shown in Table 3-1.

Table 3-1: Summary of Marginal Increase of Buildings and Foundation Areas

Description	Unit Rate Type	Unit Rate ($/m^2)	Quantity (m^2)	Cost ($)[1]
Milne Port				
Heated explosive storage building	Fold Away Building Contaminated	114.04	400	45,616
Thaw and Wash Bay	Fold Away Building Contaminated	114.04	1250	142,550
Warehouse staging area facilty	Fold Away Building Contaminated	114.04	540	61,582
Crusher services trailer (2 x 36 m2)	Modular Building Not Contaminated	47.6	72	3,427
Tote Road				
Washroom facilities at KM26 and KM80 IT Towers (2 x 36 m2)	Modular Building Not Contaminated	47.6	72	3,427
Contractor Offices and Garages on KM58 Laydown (4 x 36 m2)	Modular Building Not Contaminated	47.6	144	6,854
Mine Site				
Concrete Apron for Mine Truck Shop	Slab on Grade	30.0	1020	30,600
Concrete Pad at 110 Laydown for Tire Maintenance	Slab on Grade	30.0	60	1,800
Heated explosive storage building	Fold Away Building Contaminated	114.04	400	45,616
Welding Shop at KM110 Laydown	Fold Away Building Not Contaminated	33.34	540	18,004
Heated building for equipment storage at KM110 laydown	Fold Away Building Not Contaminated	33.34	60	2,000
Heated building for equipment storage at KM110 laydown	Fold Away Building Not Contaminated	33.34	120	4,001
Sailivik Camp Mine Dry	Modular Building Not Contaminated	47.6	1,200	57,120
Office trailers for Environment (2 x 36 m2)	Modular Building Not Contaminated	47.6	72	3,427
Office trailers for Crushing (2 x 36 m2)	Modular Building Not Contaminated	47.6	72	3,427
		TOTAL	**6,022**	**429,000**

NOTES:

1) Grand total rounded to nearest '000

Additionally, the 2020 Work Plan includes an additional $167,000 for the construction of concrete foundations for bulk material handling infrastructure at Milne Port (Car Dumper and Conical Stockpile), as well as four (4) explosives magazines in the Northern Transportation Corridor. A summary of security costs associated with the marginal increase of buildings and foundations associated with the 2020 Work Plan following the issuance of the Project Certificate for Phase 2, and is shown in Table 3-2.

Table 3-2: Summary of Marginal Increase of Buildings and Foundation Areas

Description	Unit Rate Type	Unit Rate ($/m^2)	Quantity (m^2)	Cost ($)[1]
Milne Port				
Car Dumper and Reclaim Tunnel Basement Foundation	Precast Concrete Foundation	30.9	2,235	68,972
Conical Stockpile Tunnel foundation	Precast Concrete Foundation	30.9	1040	32,094
Tote Road				
Four (4) Pre-fabricated Explosives Magazines (144 m2 ea)	Modular Building Contaminated	114.9	576	66,182
		TOTAL	**3,851**	**167,000**

NOTES:
1) Grand total rounded to nearest '000

3.3.1.2 Mechanical and Mobile Equipment

The 2020 Work Plan Security Estimate allocates $1,488,000, plus cover material application costs, in direct costs to account for a marginal increase of mechanical and mobile equipment as itemized in the 2020 Work Plan. This cost allocation is based on an additional 57 pieces of Baffinland owned mechanical or mobile equipment top be mobilized to site in 2020. This is in addition to 265 pieces of 3rd Party 'Heavy Mobile Equipment', 230 pieces of 3rd Party 'Medium Mobile Equipment', and 109 pieces of 3rd Party Light Mobile Equipment', to update the 'Typical' 3rd Party equipment fleet adopted in the 2017 ASR Process to 2020 expectations.

A summary of the marginal increase of costs associated with mechanical or mobile equipment and associated unit rates is shown in Table 3-3.

Table 3-3: Summary of Marginal Increase of Mechanical and Mobile Equipment

Description	Unit Rate Type	Unit Rate ($/pcs)	Quantity (pcs)	Cost ($)[1]
Feed Convyor	Heavy Equipment	32,950.00	1	32,950
GE 16V250 Genset 3500 kw	Heavy Equipment	32,950.00	5	164,750
Generator 1000 kW	Heavy Equipment	32,950.00	1	32,950
Conveyors	Heavy Equipment	32,951.00	3	98,853
Jaw crusher unit	Heavy Equipment	32,952.00	1	32,952
Screener + Cone crusher unit	Heavy Equipment	32,953.00	1	32,953
349 Excavator	Heavy Mobile Equipment	2,075.00	1	2,075
908 Loader	Heavy Mobile Equipment	2,075.00	2	4,150
950 Loader	Heavy Mobile Equipment	2,075.00	2	4,150
345 Excavator	Heavy Mobile Equipment	2,075.00	1	2,075
988 loader with forks	Heavy Mobile Equipment	2,075.00	1	2,075

Description	Unit Rate Type	Unit Rate ($/pcs)	Quantity (pcs)	Cost ($)[1]
Western Star Tractor	Heavy Mobile Equipment	2,075.00	2	4,150
6060 Shovel	Heavy Mobile Equipment	2,075.00	1	2,075
793 Haul Truck	Heavy Mobile Equipment	2,075.00	3	6,225
992 Loader	Heavy Mobile Equipment	2,075.00	1	2,075
16M Grader	Heavy Mobile Equipment	2,075.00	1	2,075
D10 Dozer	Heavy Mobile Equipment	2,075.00	1	2,075
374 Excavator	Heavy Mobile Equipment	2,075.00	2	4,150
374F Excavator	Heavy Mobile Equipment	2,075.00	4	8,300
745C truck	Heavy Mobile Equipment	2,075.00	5	10,375
600kw Generators	Medium Equipment	3,392.50	2	6,785
60kw Generator	Medium Equipment	3,393.50	3	10,181
Atlas 1000 mVA Transformers	Medium Equipment	3,394.50	4	13,578
24p Passenger Bus	Medium Mobile Equipment	1,162.50	1	1,163
Fire Truck (4x4)	Medium Mobile Equipment	1,162.50	1	1,163
740B Water Truck	Medium Mobile Equipment	1,162.50	1	1,163
F550 Snow Plow	Medium Mobile Equipment	1,162.50	2	2,325
14M Grader	Medium Mobile Equipment	1,162.50	1	1,163
Fuel Tanker	Medium Mobile Equipment	1,162.50	1	1,163
Service/Fuel Truck (F550)	Medium Mobile Equipment	1,162.50	8	9,300
Jet A Truck	Medium Mobile Equipment	1,162.50	1	1,163
Cube truck	Medium Mobile Equipment	1,162.50	2	2,325
740 water truck	Medium Mobile Equipment	1,162.50	1	1,163
Vac Truck	Medium Mobile Equipment	1,162.50	2	2,325
48p School Bus	Medium Mobile Equipment	1,162.50	2	2,325
Steam truck	Medium Mobile Equipment	1,162.50	1	1,163
Telehandler	Medium Mobile Equipment	1,162.50	1	1,163
D65 Dozer	Medium Mobile Equipment	1,162.50	1	1,163
Track Mounted Drill Rig	Medium Mobile Equipment	1,162.50	2	2,325
4x4 hotseating bus	Medium Mobile Equipment	1,162.50	2	2,325
Flat bed boom truck	Medium Mobile Equipment	1,162.50	1	1,163
CCM200E Concrete Mixer	Medium Mobile Equipment	1,162.50	1	1,163
Pressure Washing Truck	Medium Mobile Equipment	1,162.50	1	1,163
D6T Dozer	Medium Mobile Equipment	1,162.50	1	1,163
Portable C130 Jaw Crusher	Medium Mobile Equipment	1,162.50	3	3,488
Light Plant	Light Equipment	1,583.80	19	30,092
Light Vehicles (F250 or equiv.)	Light Mobile Equipment	729.2	1	729
Kubota Side by Side	Light Mobile Equipment	729.2	1	729
259B Skid Steer	Light Mobile Equipment	730.2	1	730
Light Vehicles (F350 or equiv.)	Light Mobile Equipment	731.2	28	20,474
Larue Snow Blower	Light Mobile Equipment	732.2	1	732
Skid steer snow blower	Light Mobile Equipment	733.2	2	1,466
Skid Steer	Light Mobile Equipment	734.2	3	2,203
Powertraxx Tracked Vehicle	Light Mobile Equipment	735.2	1	735
257 Skid steer	Light Mobile Equipment	736.2	2	1,472
Blaze Cube Frost Fighters	Light Mobile Equipment	737.2	2	1,474
Light Vehicles (F350 or equiv.)	Light Mobile Equipment	738.2	8	5,906
3rd Party Heavy Mobile Equipment (make up for 'typical' fleet)	Heavy Mobile Equipment	2,075.0	265	549,875
3rd Party Medium Mobile Equipment (make up for 'typical' fleet)	Medium Mobile Equipment	1,162.5	230	267,375
3rd Party Light Mobile Equipment (make up for 'typical' fleet)	Light Mobile Equipment	729.2	109	79,483
		TOTAL	**758**	**$1,488,000**

NOTES:
1) Grand total rounded to nearest '000

3.3.1.3 Site Works

The 2020 Work Plan Security Estimate allocates $5,980,000, in direct costs to account for a marginal increase of disturbed areas that would have to graded and re-contoured associated with the 2020 Work Plan. This additional cost allocation is based on:

- Development of nineteen (19) new quarries with a total footprint of 3,000,000 m^2.
- Construction of twenty-six (26) laydowns totaling a footprint of 546,000 m^2.
- New Hazardous Waste Containment facilities at Milne Port with a lined footprint of 72 m^2.
- New Hazardous Waste Containment facilities at the Mine Site with a lined footprint of 456 m^2.
- Expansion of the warehouse laydown area at the Mine with a total footprint of 3,200 m^2.
- Expansion of the mine workshop area and adjacent haul road with a total footprint of 18,000 m^2.
- Expansion of the explosive magazine storage area at the Mine Site with a total footprint of 8,000 m^2.
- Addition of a second Geotube settling area at the Waste Rock Facility, with a lined footprint of 3,000 m^2.

This marginal increase is based on an additional 3,836,728 m^2 of disturbed areas at a unit rate of $1.49/$m^2$ for unlined or $4.12/$m^2$ for lined, and is itemized in the EBS as presented in Appendix A and outlined in Table 3-4.

Table 3-4: Summary of Marginal Increase of Disturbed Areas Requiring Grade and Re-Contour

Description	Unit Rate Type	Unit Rate ($/$m^2$)	Quantity (m^2)	Cost ($)[1]
Milne Port				
Additional disturbed area for heated explosives storage area	Grade and Contour	1.49	27,700	41,273
New Hazardous Waste Containment Facilities	Grade and Re-Contour With Liner	4.12	72	297
Tote Road				
Laydown LD-1	Grade and Contour	1.49	34,300	51,107
Laydown LD-5	Grade and Contour	1.49	11,700	17,433
Laydown LD-6	Grade and Contour	1.49	14,500	21,605
Laydown LD-7	Grade and Contour	1.49	10,500	15,645
Laydown LD-8	Grade and Contour	1.49	82,000	122,180
Laydown LD-9	Grade and Contour	1.49	16,300	24,287
Laydown LD-10	Grade and Contour	1.49	6,400	9,536
Laydown LD-11	Grade and Contour	1.49	3,900	5,811
Laydown LD-13	Grade and Contour	1.49	10,100	15,049
Laydown LD-14	Grade and Contour	1.49	9,600	14,304
Laydown LD-15	Grade and Contour	1.49	28,800	42,912
Laydown LD-17	Grade and Contour	1.49	37,200	55,428

Description	Unit Rate Type	Unit Rate ($/m²)	Quantity (m²)	Cost ($)[1]
Laydown LD-19	Grade and Contour	1.49	25,000	37,250
Laydown LD-20	Grade and Contour	1.49	35,300	52,597
Laydown LD-21	Grade and Contour	1.49	19,800	29,502
Laydown LD-22	Grade and Contour	1.49	24,700	36,803
Laydown LD-23	Grade and Contour	1.49	15,500	23,095
Laydown LD-24	Grade and Contour	1.49	3,400	5,066
Laydown LD-25	Grade and Contour	1.49	17,400	25,926
Laydown LD-26	Grade and Contour	1.49	25,000	37,250
Laydown LD-27	Grade and Contour	1.49	28,200	42,018
Laydown LD-28	Grade and Contour	1.49	17,400	25,926
Laydown LD-29	Grade and Contour	1.49	14,600	21,754
Laydown LD-30	Grade and Contour	1.49	23,300	34,717
Laydown LD-31	Grade and Contour	1.49	13,900	20,711
Laydown LD-32	Grade and Contour	1.49	17,200	25,628
Laydown R3 Expansion	Grade and Contour	1.49	73,275	109,180
Quarry PQ2	Grade and Contour	1.49	188,000	280,120
Quarry Q27	Grade and Contour	1.49	110,000	163,900
Quarry Q42	Grade and Contour	1.49	70,000	104,300
Quarry PQ5a	Grade and Contour	1.49	230,000	342,700
Quarry PQ9a	Grade and Contour	1.49	90,000	134,100
Quarry PQ9b	Grade and Contour	1.49	30,000	44,700
Quarry PQ10B	Grade and Contour	1.49	100,000	149,000
Quarry PQ13	Grade and Contour	1.49	460,000	685,400
Quarry PQ14B	Grade and Contour	1.49	110,000	163,900
Quarry PQ15A	Grade and Contour	1.49	90,000	134,100
Quarry PQ15B	Grade and Contour	1.49	70,000	104,300
Quarry PQ4B	Grade and Contour	1.49	130,000	193,700
Quarry PQ5B	Grade and Contour	1.49	580,000	864,200
Quarry PQ6B	Grade and Contour	1.49	230,000	342,700
Quarry PQ10A	Grade and Contour	1.49	130,000	193,700
Quarry PQ12B	Grade and Contour	1.49	200,000	298,000
Quarry PQ14A	Grade and Contour	1.49	50,000	74,500
Quarry PQ2B	Grade and Contour	1.49	240,000	357,600
Quarry P2	Grade and Contour	1.49	80,000	119,200
Mine Site				
Warehouse Laydown Area	Grade and Contour	1.49	3,200	4,768
Expansion of the mine workshop area and haul road	Grade and Contour	1.49	18,000	26,820
Explosives Pad Expansion	Grade and Contour	1.49	8,000	11,920
Hazardous Waste Berm Containment facilities	Grade and Re-Contour With Liner	4.12	456	1,879
Geotube Settling Pond	Grade and Re-Contour With Liner	4.12	3,000	12,360
Waste Rack Facility Sedimentation Pond	Grade and Re-Contour With Liner	4.12	50,000	206,000
Mine Haul Road Sedimentation Pond	Grade and Re-Contour With Liner	4.12	10,000	41,200
		TOTAL	**3,901,603**	**5,980,000**

NOTES:
1) Grand total rounded to nearest '000

The 2020 Work Plan Security Estimate additionally allocates $826,000 in direct costs to account for additional disturbed area for activities that require the issuance of the amended Project Certificate for Phase 2. The additional cost allocation is based on:

- Newly disturbed area for the construction of the Car Dumper Basement at Milne Port with a total area of 22,797 m²;

- Construction of the rail service road at Milne Port with a total area of 21,500 m^2;
- Construction of laydown areas for the installation of explosives magazines on the Tote Road with a total area of 134,920 m^2;
- Construction of access roads between the Tote Road and the rail alignment, with a total area of 315,278 m^2; and
- Construction of eight (8) re-alignments of the Tote Road for rail corridor level crossings with a total area of 112,000 m^2.

A summary of the marginal increase of disturbed areas that would have to graded and re-contoured and their associated unit rates is shown in Table 3-5 and is itemized in the EBS as presented in Appendix A.

Table 3-5: Summary of Marginal Increase of Disturbed Areas Requiring Grade and Re-Contour

Description	Unit Rate Type	Unit Rate ($/$m^2$)	Quantity (m^2)	Cost ($)[1]
Milne Port				
Car Dumper Basement Disturbed area	Grade and Contour	1.49	15,300	22,797
Service Access Road for Rail Alignment at KM 0	Grade and Contour	1.49	21,500	32,035
Tote Road				
Rail Access Roads	Grade and Contour	1.49	315,278	469,764
Explosives magazines laydowns	Grade and Contour	1.49	90,550	134,920
Tote Road Level Crossing (KM1.9)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM9)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM12)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM23)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM55)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM86)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM91)	Grade and Contour	1.49	14,000	20,860
Tote Road Level Crossing (KM95)	Grade and Contour	1.49	14,000	20,860
		TOTAL	**555,000**	**826,000**

NOTES:
1) Grand total rounded to nearest '000

3.3.1.4 Storage Tanks

The 2020 Work Plan Security Estimate allocates $43,000 in direct costs to account for the mobilization of additional water and fuel tanks to the Project Site in the 2020 Work Plan. A summary of the marginal increase of costs associated with water and fuel tanks and their associated unit rates is shown in Table 3-6 and is itemized in the EBS as presented in Appendix A.

Table 3-6: Summary of Marginal Increase of Storage Tanks

Description	Unit Rate Type	Unit Rate ($/ea)	Quantity (ea)	Cost ($)[1]
Water Tanks	Light Tank	1,710.4	4	6,842
Fuel Tanks	Light Diesel Tank	2,950.0	1	2,950
	Medium Mobile Diesel Tank	8,381.3	4	33,525
		TOTAL	**9**	**43,000**

NOTES:
1) Grand total rounded to nearest '000

The 2020 Work Plan Security Estimate additionally allocates $137,000 in direct costs to account for the construction of one (1) 15 million litre arctic diesel tanks at the Mine Site following the issuance of the amended Project Certificate for Phase 2. A summary of the marginal increase of costs associated with water and fuel tanks and their associated unit rates is shown in Table 3-7 and is itemized in the EBS as presented in Appendix A.

Table 3-7: Summary of Marginal Increase of Storage Tanks – Post Project Certificate

Description	Unit Rate Type	Unit Rate ($/ea)	Quantity (ea)	Cost ($)[1]
Fuel Tanks	Largest Diesel Tanks	137,277.5	1	137,278
		TOTAL	**1**	**137,000**

NOTES:
1) Grand total rounded to nearest '000

3.3.1.5 *Piping*

The 2020 Work Plan Security Estimate allocates $199,000 to account for the installation of 3,750 m of new piping in the Mine Site area. The cost allocation is based on a total of 250 m for a new fuel line to connect the bulk fuel storage facilities, and 3,500 m of piping to transfer water from Deposit 1 to the Waste Rock Facility. A summary of the marginal increase in costs associated with the piping and the associated unit rate is show in Table 3-8, and itemized in the EBS presented in Appendix A.

Table 3-8: Summary of Marginal Increase for Culvert Removal

Description	Unit Rate Type	Unit Rate ($/m)	Quantity (m)	Cost ($)[1]
Mine Site				
Fuel Line - Bulk Fuel Storage Facility	Piping	53.13	250	13,283
Transfer Line for Deposit 1 to Waste Rock Facility	Piping	53.13	3,500	185,955
		TOTAL	**3,750**	**199,000**

NOTES:
1) Grand total rounded to nearest '000

3.3.1.6 *Cabling*

The 2020 Work Plan Security Estimate allocates $12,750 to account for the installation of 600 m of cabling at the Mine Site for the installation of additional permanent lighting at the warehouse area. This cost allocation is based the unit rate of $21.3 per metre, and a total length of 600 m of cable, and is itemized in the EBS presented in Appendix A.

3.3.1.7 *Fill Application*

The 2020 Estimate allocates an additional $231,082 to account for application of cover material due to the marginal increase of demolition materials to be disposed of on-site. This cost allocation is based on an additional 5,951 m^2 of compacted material requiring fill

application at an assumed disposal depth of six (6) meters. A summary of the marginal increase of fill application in the 2020 Security is shown in Table 3-9.

Table 3-9: Marginal Increase of Fill Application

Description	Unit Rate ($/m^2)	Quantity (m^2)	Cost ($)[1]
Mine Site			
Fill Application for 2020 Estimate	38.8	5,170	200,750
	TOTAL	**5,170**	**200,750**

NOTES:
1) Grand total rounded to nearest '000

3.3.2 Indirect Cost Assumptions

The following section describes the assumptions used to establish the indirect costs allocated for the purpose of the 2020 Work Plan Security Estimate. Unless noted otherwise, see the 2014 Complete Project Financial Security Assessment (H349000-1000-07-126-0018, Rev. 1) for further supporting information on the specific indirect unit rates and multipliers used below. For clarity, indirect costs for activities pre- and post-issuance of the amended Project Certificate for Phase 2 are herein combined.

3.3.2.1 On-Site Fuel Demobilization and Reclamation Fuel Mobilization

The 2020 Estimate allocates an additional $1,078,000 to account for the demobilization of fuel stored on Site, and the mobilization of fuel required for the marginal increase in reclamation activities captured in the 2020 Estimate. Based on the increased fuel capacity in 2020 of an additional 15,000,000 L at the Mine Site, it is assumed 50% of this fuel would need to be demobilized at closure. This is based both on the assumption that the tanks would be likely to be entirely full at closure, and that some fuel on Site would be available for reclamation activities. The fuel demobilization rate is assumed to be $0.10/L.

The additional $1,078,000 allocation for fuel mobilization is based on the cost of mobilizing 50% of the fuel required for marginal reclamation and closure activities, including direct activities, power generation, and heat production. Reclamation for the marginal increase in activities in 2020 are estimated to require and additional 685,000 L of Type-1 fuel (see Appendix A). Marginal increases in camp operation during reclamation is estimated to require an additional 6,722 person-days on-site. Each person-day on site is assumed to consume 116L of Type-1 fuel for heat and power generation. This totals 776,000 L of Type-1 fuel required to heat and power the camp. Fuel mobilization rate is assumed to be $0.40/L.

See Appendix A for itemized person-day and fuel consumption quantities per item in the 2019 Estimate.

3.3.2.2 Off-Site Disposal of Hazardous and Non-Hazardous Waste

The 2020 Estimate allocates a marginal increase of $2,858,000 to account for the demobilization of ammonium nitrate planned to be mobilized to Site in 2020. The previous volume of ammonium nitrate accounted for in the 2109 estimate was 12,142 m^3. The 2020 Work Plan indicates an estimated total volume of ammonium nitrate required in 2020 at

20,125 m^3, which is an increase of 7,983 m^3, at a backhaul unit rate for dangerous goods of $358/$m^3$.

3.3.2.3 *Mobilization of Workers Required for Reclamation*

The 2019 Estimate allocates an additional $618,000 for worker mobilization. Detailed assumptions for mobilization of workers required for marginal closure and reclamation activities are as follows.

Person-hours required to complete direct cost related on-site marginal reclamation activities is estimated to be 75,108 hrs or 7,511 person-days (based on 10hr/day productivity). See Appendix A for itemized person-day allocations per 2020 Estimate item.

- Assume 70% of hires (5,258 person-days) are from southern communities and 30% (2,254 person-days) are from northern communities.
- Cost per person-day on site for worker mobilization from southern communities is $85.45/person-day on-site.
- Cost per person-day on site for worker mobilization from northern communities is $75.00/person-day on-site

3.3.2.4 *Worker Accommodation & Camp Operation*

The 2020 Estimate allocates an additional $1,694,000 for worker accommodation and camp operation during marginal reclamation activities associated with the 2020 Estimate. Assumptions for worker accommodation and camp operation are:

- Person-hours required to complete direct cost related on-site marginal reclamation activities is estimated to be 75,108 hrs or 7,511 person-days (based on 10hr/day productivity). See Appendix A for itemized person-day allocations.
- Cost for accommodation and camp operation is assumed to be $225.50/person-day and includes camp maintenance, catering, housekeeping, and fuel costs.

3.3.2.5 *Mobilization and Demobilization of Equipment and Materials*

The 2019 Estimate allocates an additional $948,000 to account for mobilization and demobilization of equipment and materials. These are indirect costs for moving equipment and materials to and from the reclamation site. The amount is based the assumption that mobilization and demobilization cost are estimated as 10% of total direct costs.

3.3.2.6 *Supervision, Project Management and Contract Administration*

The 2019 Estimate includes a project supervision, management and contract administration indirect cost allowance of $891,000 or 9.4% of total direct costs, contaminated soil treatment costs, care and maintenance costs, and closure monitoring/reporting costs. Project supervision, management and contract administration indirect costs include, but are not limited to:

- Contract strategy, administration and expediting;
- Construction logistics, planning, scheduling, supervision and manpower forecasts;
- Labour relations, safety;
- Field office management, temporary facilities;
- Materials receiving and warehousing;

- Progress monitoring, trending and reporting;
- Cost performance monitoring, trending and claims processing; and
- Quality assurance.

3.3.2.7 Engineering Fees

The 2019 Estimate includes an engineering, design and execution planning indirect cost allowance of $370,000 or 3.9% of the total direct costs.

3.3.2.8 Contingency

The 2019 Estimate includes an additional contingency of $1,593,000 or 12.5% of the total of direct costs, mobilization and demobilization of equipment and materials costs, worker accommodation and camp operation costs, mobilization of workers costs, care and maintenance costs, and closure monitoring/reporting costs.

3.3.3 Exclusions

The listed activities below are recognized by Baffinland as being required to be conducted in an unforeseen closure and reclamation scenario, but additional costs have not been included in the 2020 Work Plan Security Estimate on the basis that it is Baffinland's position that the 2020 Work Plan activities do not warrant additional cost allocations for these activities. Excluded activities from the 2020 Work Plan Security Estimate are:

- Post Closure Monitoring – No Changes to the Post Closure Monitoring required in 2020 and no updates to Post Closure Monitoring completed in the Interim Closure and Reclamation Plan in 2019.
- Contaminated Soil Treatment – the allocation for Contaminated Soil Treatment is sufficient based on the scope of the 2020 Work Plan.

4. 2020 Estimate Summary

The 2020 Estimate is inclusive of all closure and reclamation costs estimated to be required for a 3rd Party Contractor to perform the work in a 'worst-case' scenario for all disturbed areas, project components and project activities existing on the Mary River Project site upon conclusion of the 2020 Work Plan, including legacy exploration phase liabilities.

Table 4-1 presents the 'global' closure and reclamation security estimated to be required based on the 2018 ASR Estimate (Column C) compiled with the adjustment based on the updated unit rates (Column D), and the 2020 Work Plan Estimate (Column E) compared to the amount already posted (Column G).

Table 4-1: Mary River Project 'Global' Closure and Reclamation Security Summary[1] – 2020 Work Plan

	A	B	C	D	E	F	G
	Authorization	**Liability**	**Global Estimate from 2019 Estimate ($)**	**2020 Estimate, Including 2019 Reconciliation ($)**	**Total 'Global' Estimated Security for 2020 ($)**	**Total Posted as of July 2019 ($)**	**Marginal Adjustment to be Posted ($)**
					C + D		**E - F**
1	Type A 2AM-MRY1325	IOL[2]	96,438,000	18,055,000	114,493,000	104,687,658	9,805,342
2		Crown	1,802,000	1,477,000	3,279,000	1,448,801	1,830,199
3		Water	1,387,000	-11,000	1,387,000	-	-
4		Land	96,852,878	19,543,000	116,395,878	-	-
5	*Subtotal Type A*		*98,240,000*	*19,532,000*	*117,772,000*	106,136,459	11,635,541
6	Type B Exploration2BE-MRY1421 [3]	IOL	165,000	-	165,000	-	165,000
7		Crown	1,082,000	-	1,082,000	1,250,000	-168,000
8		Water	18,000	-	18,000	-	-
9		Land	1,229,000	-	1,229,000	-	-
10	*Subtotal Type B Exploration*		*1,247,000*	-	*1,247,000*	*1,250,000*	*-3,000*
11	DFO Security Associated with Ore Dock	IOL[2]	-	-	-	-	-
12		Crown	563,000	-	563,000	563,000	-
13		Water	563,000	-	563,000	563,000	-
14		Land	-	-	-	-	-
15	*Subtotal DFO*		*563,000*	-	*563,000*	*563,000*	-
16	AANDC Land Lease 47H/16-1-2 [4]	IOL[2]	-	-	-	-	-
17		Crown	4,975,000	-	4,975,000	4,975,000	-
18		Water	-	-	-	-	-
19		Land	4,975,000	-	4,975,000	4,975,000	-
20	*Subtotal AANDC Land Lease*		*4,975,000*	-	*4,975,000*	*4,975,000*	-
21	**GRAND TOTAL**		**76,816,000**		**105,025,000**	**81,916,326**	

NOTES:

1) Totals rounded to nearest '000 in CAD
2) Security relating to IOL held by Qikiqtani Inuit Association (QIA) under Commercial Lease No. Q13C301
3) As per Mary River Exploration Project Closure and Reclamation Plan (BAF-PH1-830-P16-0038, Rev 1)
4) As per Closure and Reclamation Strategy and Financial Security Estimate for Nunavut Lease #47H/16-1-2 (H349001-2000-07-126-0001, Rev.0)

5. Supporting Documents

In addition to information presented within this document, please refer to the following appendices for supporting information:

- Refer to Appendix A for the 2020 Estimate Breakdown Structure (EBS).
- Refer to Appendix B for updated 2020 Work Plan Layouts.
- Refer to Appendix C for Supporting Documentation

Appendix A:

2020 Estimate Breakdown Structure (EBS)

Baffinland

'Mary River Project - Complete Project Security Assesment - Estimate Breakdown Structure'
Updated 31 October 2019

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Year 0 - % | C&M Closure Year 0+1 - % | Post Closure Year 1 - % | Post Closure Year 2 - % | Post Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Closure Year 0 - Cost ($) | C&M Closure Year 0+1 - Cost ($) | Post Closure Year 1 - Cost ($) | Post Closure Year 2 - Cost ($) | Post Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
|---|---|---

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Man/hours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Man/hours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Nominated Work Plan | Type of Costs | C&M Closure Phase | Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Phase | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Phase | Year 0- Cost ($) | Year 0+1- Cost ($) | Post Closure Phase | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Phase | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
|---|---|---

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Reinstated Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Phase | Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Phase | Year 0- Cost ($) | Year 0+1- Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0 - Cost ($) | Closure Year 0+1 - Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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Level 0 - Site Location	Level 0 - Description	Level 1 - Area	Level 1 - Description	Level 2 - Facility / System	Level 2 - Description	Level 3 - Sub Facility / Sub System	Level 3 - Description	ID CODE	Equipment Type	Price Code	Price Code Description	Qty Code	Area - QTY Code	QTY Code Description	Type	Description	Tag Number	QTY	Unit	Manhours Per Unit	Unit Fuel Consumption	Unit Labour	Unit Equipment	Unit Rate	Total Manhours	Total Fuel Consumption	Total Labour	Total Equipment	Total Cost ($)	Unit M3	Total Vol (m3)	IOL (%)	Crown Land (%)	Water Liability (%)	Land Liability (%)	IOL Cost ($)	Crown Land Cost ($)	Water Liability Cost ($)	Land Liability Cost ($)	License	Adjustment Tag	Associated Work Plan	Type of Costs	C&M Phase	Closure Phase	Post Closure Phase	C&M	Closure	Post Closure	C&M	Closure	Post Closure
																																									Year 0 - %	Year 0+1 - %	Year 1 - %	Year 2 - %	Year 3 - %	Year 4 - %	Year 5 - %	Year 6 - %	Year 7 - %	Year 8 - %	Year 0 - Cost ($)	Year 0+1 - Cost ($)	Year 1 - Cost ($)	Year 2 - Cost ($)	Year 3 - Cost ($)	Year 4 - Cost ($)	Year 5 - Cost ($)	Year 6 - Cost ($)	Year 7 - Cost ($)	Year 8 - Cost ($)
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	182	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM FAN	2351-MT-001P	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	183	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM COMPRESSOR	2351-MT-001Q	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	184	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM FAN	2351-MT-001R	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	185	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM COMPRESSOR	2351-MT-001S	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	186	MT-			Ship Loader		Ship Loader		SHIPLOADER MAINTENANCE WINCH	2351-MT-001T	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	187	MT-			Ship Loader		Ship Loader		SHIPLOADER MAINTENANCE WINCH	2351-MT-001U	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	193	SL-			Ship Loader		Ship Loader		SHIPLOADER - SHIPLOADER - FAM	2351-SL-002	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	194	MT-			Ship Loader		Ship Loader		SHIPLOADER BOOM CONVEYOR DRIVE	2351-MT-002A	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	197	MT-			Ship Loader		Ship Loader		SHIPLOADER BOOM CONVEYOR BRAKE	2351-MT-002B	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	198	MT-			Ship Loader		Ship Loader		SHIPLOADER HOISTING WINCH DRIVE TELESCOPIC CHUTE	2351-MT-002C	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	199	MT-			Ship Loader		Ship Loader		SHIPLOADER SLEWING DRIVE	2351-MT-002D	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	200	MT-			Ship Loader		Ship Loader		SHIPLOADER SLEWING DRIVE	2351-MT-002E	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	201	MT-			Ship Loader		Ship Loader		SHIPLOADER SLEWING DRIVE BRAKE	2351-MT-002F	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	202	MT-			Ship Loader		Ship Loader		SHIPLOADER SLEWING DRIVE BRAKE	2351-MT-002G	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	203	MT-			Ship Loader		Ship Loader		SHIPLOADER SLEWING DRIVE TRIMMING SPOON	2351-MT-002H	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	204	MT-			Ship Loader		Ship Loader		SHIPLOADER LUFFING DRIVE TRIMMING SPOON	2351-MT-002J	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	205	MT-			Ship Loader		Ship Loader		SHIPLOADER SHUTTLE DRIVE DISCHARGE CONVEYOR	2351-MT-002K	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	206	MT-			Ship Loader		Ship Loader		SHIPLOADER SHUTTLE DRIVE BRAKE	2351-MT-002L	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	207	MT-			Ship Loader		Ship Loader		SHIPLOADER CENTRAL LUBE SYSTEM	2351-MT-002M	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	208	MT-			Ship Loader		Ship Loader		SHIPLOADER PINION LUBE SYSTEM	2351-MT-002N	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	209	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM FAN	2351-MT-002P	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	210	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM COMPRESSOR	2351-MT-002Q	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	211	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM FAN	2351-MT-002R	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	212	MT-			Ship Loader		Ship Loader		SHIPLOADER DEDUSTING SYSTEM COMPRESSOR	2351-MT-002S	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	213	MT-			Ship Loader		Ship Loader		SHIPLOADER MAINTENANCE WINCH	2351-MT-002T	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	214	MT-			Ship Loader		Ship Loader		SHIPLOADER MAINTENANCE WINCH	2351-MT-002U	0	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416	Removed	2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	168	MT-			Ship Loader		Ship Loader		SPOT	2351-MT-001AA	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	169	MT-			Ship Loader		Ship Loader		FEEDER CABIN	2351-MT-001AB	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	188	MT-			Ship Loader		Ship Loader		AIR CONDITIONER E-HOUSE	2351-MT-001V	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	189	MT-			Ship Loader		Ship Loader		HEATER E-HOUSE	2351-MT-001W	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	190	MT-			Ship Loader		Ship Loader		DUST COLLECTOR E-HOUSE	2351-MT-001X	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	191	MT-			Ship Loader		Ship Loader		WELDING RECEPTACLE	2351-MT-001Y	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	192	MT-			Ship Loader		Ship Loader		HEATER/ILLUMINATION OUTDOOR/INDOOR SWITCH GEAR	2351-MT-001Z	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	195	MT-			Ship Loader		Ship Loader		SPOT	2351-MT-002AA	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	196	MT-			Ship Loader		Ship Loader		FEEDER CABIN	2351-MT-002AB	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	215	MT-			Ship Loader		Ship Loader		AIR CONDITIONER E-HOUSE	2351-MT-002V	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	216	MT-			Ship Loader		Ship Loader		HEATER E-HOUSE	2351-MT-002W	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	217	MT-			Ship Loader		Ship Loader		DUST COLLECTOR E-HOUSE	2351-MT-002X	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	218	MT-			Ship Loader		Ship Loader		WELDING RECEPTACLE	2351-MT-002Y	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2300	Material Handling	2350	Ship Loading	2351	Ship Loading System	219	MT-			Ship Loader		Ship Loader		HEATER/ILLUMINATION OUTDOOR/INDOOR SWITCH GEAR	2351-MT-002Z	1	Ea	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2400	Aerodrome																																																		
2000	Milne Port	2400	Aerodrome	2430	Aerodrome Facilities	2430	Aerodrome Facilities											0	m2	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct															0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2400	Aerodrome	2430	Aerodrome Facilities	2435	Field Electrical Centre											0	m2	0	0	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct															0	0	0	0	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities																																																		
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	237	BLD	FF1	Modular Building Not Contaminated (480 ft2)	FS	Buildings (Not Contaminated)	Prefabricated Special Modular		Accommodation Wing BA - Demolish and Decontaminate Building - Special Modular / Prefabricated	2512-BLD-001	612	m2	0.2	2.8	16.8	28.0	47.6	137	1,714	10,286	17,143	29,143	1	612	100%	0%	0%	100%	29,143	0	0	29,143	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							9,714	9,714	9,714	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	240	BLD	FF1	Modular Building Not Contaminated (480 ft2)	FS	Buildings (Not Contaminated)	Prefabricated Special Modular		Accommodation Wing BB - Demolish and Decontaminate Building - Special Modular / Prefabricated	2512-BLD-002	612	m2	0.2	2.8	16.8	28.0	47.6	137	1,714	10,286	17,143	29,143	1	612	100%	0%	0%	100%	29,143	0	0	29,143	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							9,714	9,714	9,714	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	243	BLD	FF1	Modular Building Not Contaminated (480 ft2)	FS	Buildings (Not Contaminated)	Prefabricated Special Modular		Accommodation Wing BC - Demolish and Decontaminate Building - Special Modular / Prefabricated	2512-BLD-003	612	m2	0.2	2.8	16.8	28.0	47.6	137	1,714	10,286	17,143	29,143	1	612	100%	0%	0%	100%	29,143	0	0	29,143	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							9,714	9,714	9,714	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	246	BLD	FF1	Modular Building Not Contaminated (480 ft2)	FS	Buildings (Not Contaminated)	Prefabricated Special Modular		Accommodation Wing BD - Demolish and Decontaminate Building - Special Modular / Prefabricated	2512-BLD-004	612	m2	0.2	2.8	16.8	28.0	47.6	137	1,714	10,286	17,143	29,143	1	612	100%	0%	0%	100%	29,143	0	0	29,143	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							9,714	9,714	9,714	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	238	BLD	EG	Gravel Base Removal	EG	Flooring / Foundations	Gravel Base		Accommodation Wing BA - Demolish and foundations - Gravel Base - Skidded Building	2512-BLD-001	612	m2	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	239	BLD		#N/A	FW	Flooring / Foundations	Wood Floor		Accommodation Wing BA - Demolish floor finish - Raised Steel or Wooden Floor	2512-BLD-001	612	m2	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	241	BLD	EG	Gravel Base Removal	EG	Flooring / Foundations	Gravel Base		Accommodation Wing BB - Demolish and foundations - Gravel Base - Skidded Building	2512-BLD-002	612	m2	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	242	BLD		#N/A	FW	Flooring / Foundations	Wood Floor		Accommodation Wing BB - Demolish floor finish - Raised Steel or Wooden Floor	2512-BLD-002	612	m2	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0
2000	Milne Port	2500	Non Process Facilities	2510	Accommodations Area	2512	Accommodation Wings	244	BLD	EG	Gravel Base Removal	EG	Flooring / Foundations	Gravel Base		Accommodation Wing BC - Demolish and foundations - Gravel Base - Skidded Building	2512-BLD-003	612	m2	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	100%	0%	0%	100%	0	0	0	0	Type B Construction 2BC-MRY1416		2014	Direct				33%	33%	33%							0	0	0	0	0	0	0	0	0
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Phase | Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | C&M Closure Phase | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M | Year 0 - Cost ($) | Year 0+1 - Cost ($) | C&M Closure Phase | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | C&M Closure Phase | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | C&M Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | C&M Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Closure Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Year 0 - Cost ($) | Year 0+1 - Cost ($) | Post Closure Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Phase | Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | Year 0- Cost ($) | Year 0+1- Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Phasing: Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M | Year 0- Cost ($) | Year 0+1- Cost ($) | Closure | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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Baffinland

'Mary River Project - Complete Project Security Assesment - Estimate Breakdown Structure'
Updated 31 October 2019

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Closure Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Year 0 - Cost ($) | Year 0+1 - Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Annotated Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | C&M Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Adjustment Year | Annotated Work Plan | Type of Costs | C&M Closure Phase | Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | C&M Post Closure Phase | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M | Year 0 - Cost ($) | Year 0+1 - Cost ($) | C&M Closure Phase | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | C&M Post Closure Phase | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Closure Phase Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Phase Year 0 - Cost ($) | Year 0+1 - Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Closure Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Year 0 - Cost ($) | Year 0+1 - Cost ($) | Post Closure Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IDL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IDL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Reinstated Work Plan | Type of Costs | C&M Closure Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Year 0- Cost ($) | Year 0+1- Cost ($) | Post Closure Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Phase Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Phase Year 0 - Cost ($) | Year 0+1 - Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | Closure Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Phase | Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Phase | Year 0- Cost ($) | Year 0+1- Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility/ System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Nominated Work Plan | Type of Costs | C&M Closure Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Year 0 - Cost ($) | Year 0+1 - Cost ($) | Post Closure Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Year 0 - % | Closure Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Year 0 - Cost ($) | Closure Year 0+1 - Cost ($) | Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Closure Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0 - Cost ($) | Closure Year 0+1 - Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility/ Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Closure Year 0 - % | Year 0+1 - % | Year 1 - % | Year 2 - % | Year 3 - % | Post Closure Year 4 - % | Year 5 - % | Year 6 - % | Year 7 - % | Year 8 - % | C&M Closure Year 0 - Cost ($) | Year 0+1 Cost ($) | Post Closure Year 1 - Cost ($) | Year 2 - Cost ($) | Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Year 5 - Cost ($) | Year 6 - Cost ($) | Year 7 - Cost ($) | Year 8 - Cost ($) |
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| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Abandoned Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0 - Cost ($) | Closure Year 0+1 - Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
|---|---|---

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Year 0 - % | Closure Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0 - Cost ($) | Closure Year 0+1 - Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
|---|---|---

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility Sub | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Year 0 - % | C&M Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0 - Cost ($) | C&M Year 0+1 - Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
|---|---|---

| Level 0 - Site Location | Level 0 - Description | Level 1 - Area | Level 1 - Description | Level 2 - Facility / System | Level 2 - Description | Level 3 - Sub Facility / Sub System | Level 3 - Description | ID CODE | Equipment Type | Price Code | Price Code Description | Qty Code | Area - QTY Code | QTY Code Description | Type | Description | Tag Number | QTY | Unit | Manhours Per Unit | Unit Fuel Consumption | Unit Labour | Unit Equipment | Unit Rate | Total Manhours | Total Fuel Consumption | Total Labour | Total Equipment | Total Cost ($) | Unit M3 | Total Vol (m3) | IOL (%) | Crown Land (%) | Water Liability (%) | Land Liability (%) | IOL Cost ($) | Crown Land Cost ($) | Water Liability Cost ($) | Land Liability Cost ($) | License | Adjustment Tag | Associated Work Plan | Type of Costs | C&M Year 0 - % | C&M Year 0+1 - % | Closure Year 1 - % | Closure Year 2 - % | Closure Year 3 - % | Post Closure Year 4 - % | Post Closure Year 5 - % | Post Closure Year 6 - % | Post Closure Year 7 - % | Post Closure Year 8 - % | C&M Year 0- Cost ($) | C&M Year 0+1- Cost ($) | Closure Year 1 - Cost ($) | Closure Year 2 - Cost ($) | Closure Year 3 - Cost ($) | Post Closure Year 4 - Cost ($) | Post Closure Year 5 - Cost ($) | Post Closure Year 6 - Cost ($) | Post Closure Year 7 - Cost ($) | Post Closure Year 8 - Cost ($) |
|---|---|---

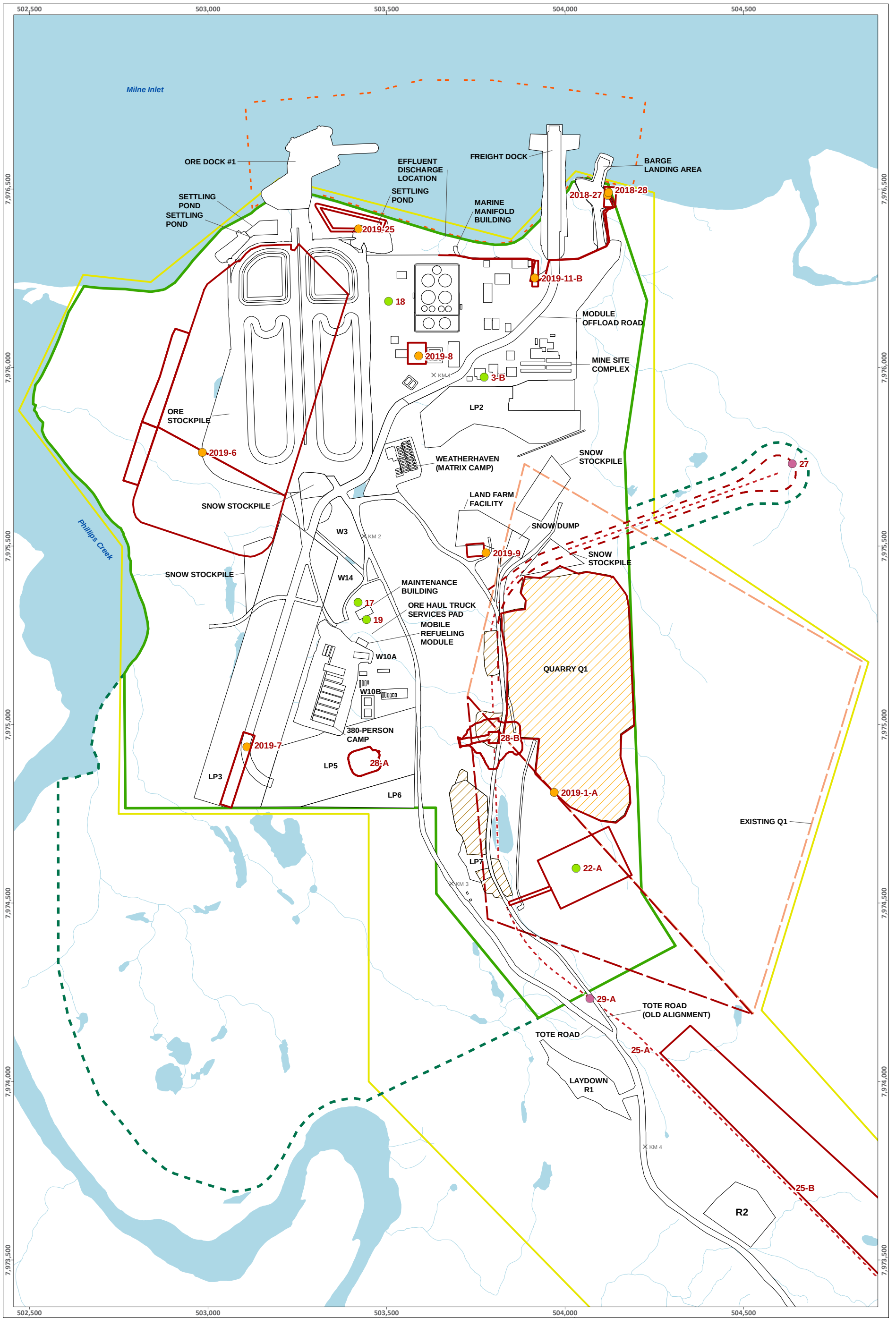
Appendix B

Updated Site Layouts

2020 Work Plan - Mine Site Layout

2020 Work Plan – Milne Port Layout

2020 Work Plan – Tote Road Layout



SAVED: C:\Users\katie.mcguire\Documents\4 - Maps\Reporting\2020 Work Plan\BIM_Fig1_MilnePort_WorkPlan.mxd; 01-Nov-19

LEGEND

- Scope of Work for 2020 - Post-Project Certificate Approval
- Scope of Work for 2020 - Pre-Project Certificate Approval
- Work Carried over from 2019 & Prior - Security in Place
- Milne Inlet Tote Road Km Marking
- Infrastructure
- Proposed Infrastructure
- Borrow Area
- Quarry Area
- Project Development Area
- Commercial Lease Boundary
- Foreshore Lease Boundary
- Proposed Development Area Phase 2
- Proposed North Railway

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Milne Port 2020 Work Plan

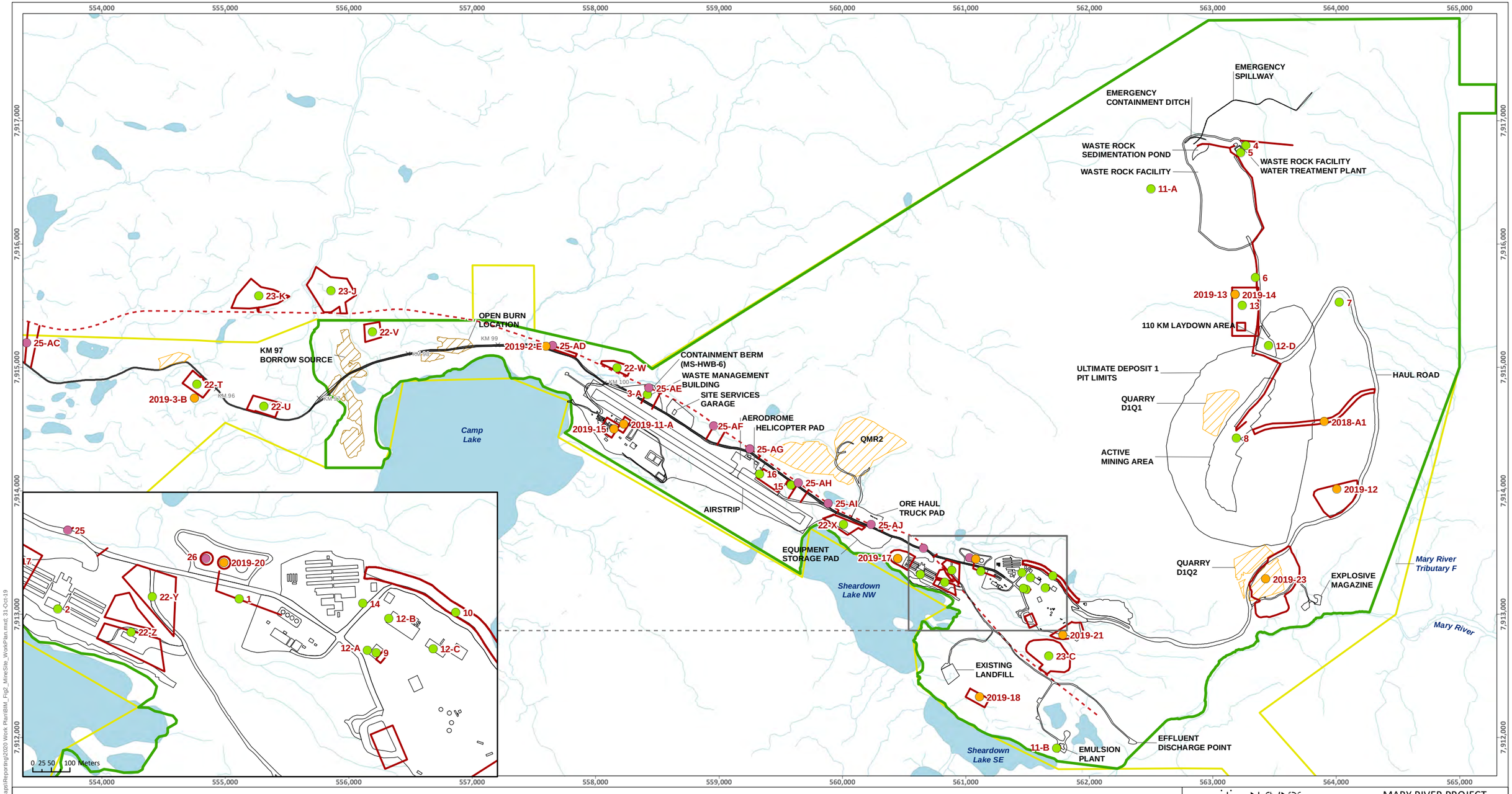
Projection: NAD 1983 UTM ZONE 17N.
Base Map: © Her Majesty the Queen in rights of Canada Department of Natural Resources (2009). All rights reserved.

0 30 60 120 180 240 Meters
Scale 1:10,000

N

Baffinland

ᑎᑎᖅᑲᓇᕐᓂᖅ FIGURE 1



LEGEND

- Scope of Work for 2020 - Post-Project Certificate Approval
- Scope of Work for 2020 - Pre-Project Certificate Approval
- Work Carried over from 2019 & Prior - Security in Place
- × Milne Inlet Tote Road Km Marking
- Proposed North Railway
- Infrastructure
- Proposed Infrastructure
- Borrow Area
- Quarry Area
- Project Development Area
- Commercial Lease Boundary

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MARY RIVER PROJECT

Mine Site 2020 Work Plan

Projection: NAD 1983 UTM ZONE 17N.
Base Map: © Her Majesty the Queen in rights of Canada Department of Natural Resources (2009). All rights reserved.

0 100 200 400 600 800 Meters
Scale 1:30,000

N

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FIGURE 2

SAVED: C:\Users\katie.mcguire\Documents4 - Maps\Reporting\2020 Work Plan\BIM_Fig2_MineSite_WorkPlan.mxd: 31-Oct-19

7,973,000 503,000 7,974,000 504,000 7,975,000 505,000 7,976,000

22-A
29-A
LAYDOWN 2
KM 4
R2
KM 5
22-AA
KM 6
R3
L2
2019-1-B
22-B
KM 7
22-C
2019-3-A
KM 8
KM 9
KM 10
25-A
KM 11

Milne Port
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Sheet 10
Sheet 13
Sheet 14
Sheet 11
Sheet 12
Sheet 15
Mary River
0 5 10 20 km

7,972,000 503,000 7,971,000 506,000 7,975,000 507,000 7,974,000 504,000 508,000 7,970,000 7,973,000 505,000 7,969,000 509,000 7,972,000 506,000 7,968,000 510,000

507,000 7,968,000 508,000 7,969,000 509,000 7,970,000 510,000

LEGEND

- Scope of Work for 2020 - Post-Project Certificate Approval
- Scope of Work for 2020 - Pre-Project Certificate Approval
- Work Carried over from 2019 & Prior - Security in Place
- Milne Inlet Tote Road Km Marking
- Milne Inlet Tote Road
- Proposed North Railway
- Tote Road Realignment
- Proposed Infrastructure
- Project Development Area
- Undisturbed 50 m Buffer From Commercial Lease Boundary
- Commercial Lease Boundary

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Tote Road 2020 Work Plan (Sheet 1 of 15)

Projection: NAD 1983 UTM ZONE 17N.
Base Map: © Her Majesty the Queen in rights of Canada Department of Natural Resources (2009). All rights reserved.

0 100 200 400 Meters
Scale 1:20,000

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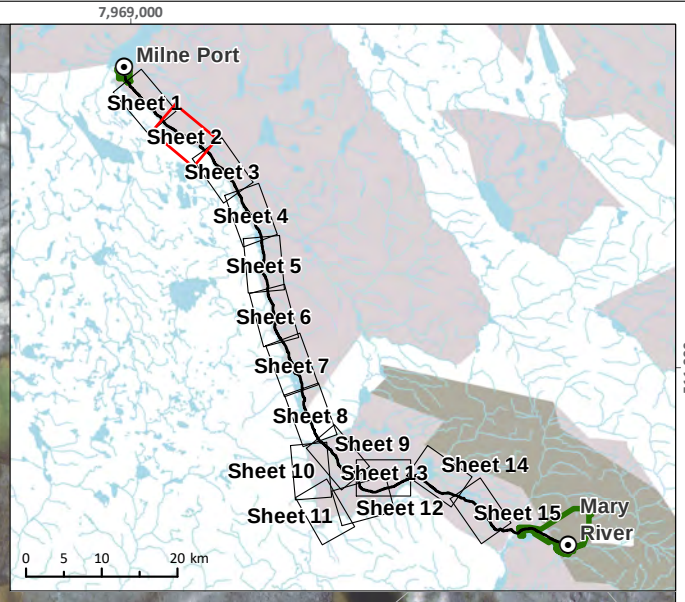
SAVED: C:\Users\katie.mcguire\Documents\4 - Maps\Reporting\2020 Work Plan\BIM_Fig3 Northern_Corridor_S1.mxd; 31-Oct-19

7,968,000 510,000 7,969,000

511,000 7,969,000 7,967,000 512,000 7,968,000 7,966,000 513,000



KM 13

22-D

11-C

29-C

KM 14

25-B

30-A

KM 15

LEGEND

- Scope of Work for 2020 - Post-Project Certificate Approval
- Scope of Work for 2020 - Pre-Project Certificate Approval
- Work Carried over from 2019 & Prior - Security in Place
- Milne Inlet Tote Road Km Marking
- Milne Inlet Tote Road
- Proposed North Railway
- Tote Road Realignment
- Proposed Infrastructure
- Project Development Area
- Undisturbed 50 m Buffer From Commercial Lease Boundary
- Commercial Lease Boundary

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Tote Road 2020 Work Plan (Sheet 2 of 15)

Projection: NAD 1983 UTM ZONE 17N.
Base Map: © Her Majesty the Queen in rights of Canada Department of Natural Resources (2009). All rights reserved.

0 40 80 160 Meters

Scale 1:8,914.72

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SAVED: C:\Users\katie.mcguire\Documents\4 - Maps\Reporting\2020 Work Plan\BIM_Fig4 Northern_Corridor_S2.mxd; 31-Oct-19

513,000 7,965,000 514,000 515,000 516,000

7,964,000 513,000 7,963,000 514,000 7,961,000 515,000 7,960,000 516,000 7,959,000

517,000 7,959,000 518,000 519,000 520,000 7,961,000

7,966,000 517,000 7,965,000 518,000 7,964,000 519,000 7,963,000 520,000 7,962,000

22-E
KM 19
KM 20
25-D
KM 21
KM 22
25-E
KM 23
22-F
23-R
KM 24
25-F
KM 25
2019-2-A
29-D
KM 26
21-A

Milne Port
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Sheet 10
Sheet 13
Sheet 14
Sheet 11
Sheet 12
Sheet 15
Mary River
0 5 10 20 km

LEGEND

- Scope of Work for 2020 - Post-Project Certificate Approval
- Scope of Work for 2020 - Pre-Project Certificate Approval
- Work Carried over from 2019 & Prior - Security in Place
- Milne Inlet Tote Road Km Marking
- Milne Inlet Tote Road
- Proposed North Railway
- Tote Road Realignment
- Proposed Infrastructure
- Project Development Area
- Undisturbed 50 m Buffer From Commercial Lease Boundary
- Commercial Lease Boundary

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MARY RIVER PROJECT

Tote Road 2020 Work Plan
(Sheet 3 of 15)

Projection: NAD 1983 UTM ZONE 17N.
Base Map: © Her Majesty the Queen in rights of Canada Department of Natural Resources (2009). All rights reserved.

0 100 200 400 Meters
Scale 1:20,000

Baffinland

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FIGURE 5

SAVED: C:\Users\katie.mcguire\Documents\4 - Maps\Reporting\2020 Work Plan\BIM_Fig5 Northern_Corridor_S3.mxd; 31-Oct-19