



Mary River Project
Type A Water Licence Application
Attachment 6: Document Summary - Quarries



Document Number	Date:	Reviewed By:
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1. Introduction

1.1 Description and Overview

The Mary River Project is located on north Baffin Island, in the Nunavut Territory, in the Canadian arctic. One aspect of the project that is required is obtaining a Nunavut Water Board (NWB) Type A Water Licence to operate. In order to do this, a Water Licence application needs to be completed and submitted to the Board so that they can exercise their powers under the *Nunavut Waters Nunavut Surface Rights Tribunal Act* (NWSRTA or Act) and the *Northwest Territories Water Regulations* (NTWR or Regulations). As part of the application process there are certain engineering deliverables that need to be submitted. This document gives an outline of the engineering deliverable documents that fall under the heading Quarries.

1.2 Scope

The scope of this element of the project includes all works and/or undertakings required for the construction, operation, modification, maintenance and engineering of the Quarries. Documents include:

- Borrow Pit and Quarry Management Plan;
- Operations and Management Plan: Milne Inlet Quarry;
- Operations and Management Plan: Mary River Mine Site Quarry;
- Operations and Management Plan: Steensby Inlet Quarry;
- Quarry Operations and Management Plan: Quarry Q 7 + 500;
- Quarry Operations and Management Plan: Quarry Q77 + 200; and
- Quarry Operations and Management Plan: Quarry Q133 + 500

2. Document List

Document Title	Document Number	Description and Key Findings
Borrow Pit and Quarry Management Plan	H337697-7000-07-126-0006	The purpose of the Borrow Pit and Quarry Management Plan is to set out objectives and measures to maintain and enhance environmental performance of the quarries while avoiding to the extent practical, remedying, and mitigating any potential adverse environmental effects associated with quarrying. The goal of the Management Plan is to also obtain the quantities and quality of material necessary to construct and maintain facilities. These mitigation measures align with the regulatory requirements listed at the beginning of the document. Roles and responsibilities, performance indicators and thresholds, monitoring and reporting requirements as well as adaptive strategies are also addressed.
Operations and Management Plan: Milne Inlet Quarry	H337697-7000-07-126-0003	This document provides a thorough description of the Milne Inlet Quarry Site. Topography, glacial activity, surficial deposits are included, as well as the environmental setting (vegetation, wildlife, etc.). The plan describes the quarrying activities and the corresponding site management measures (drainage, dust and noise) to ensure the protection of the environment and safety. Closure activities are also addressed in terms of waste disposal, stockpile removal, road closure and remediation for contaminated soils.
Operations and Management Plan: Mary River Mine Site Quarry	H337697-7000-07-126-0004	This document provides a thorough description of the Mary River Mine Site Quarry Site. Topography, glacial activity, surficial deposits are included, as well as the environmental setting (vegetation, wildlife, etc.). The plan describes the quarrying activities and the corresponding site management measures (drainage, dust and noise) to ensure the protection of the environment and safety. Closure activities are also addressed in terms of waste disposal, stockpile removal, road closure and remediation for contaminated soils.
Operations and Management Plan: Steensby Inlet Quarry	H337697-7000-07-126-0005	This document provides a thorough description of the Steensby Inlet Quarry Site. Topography, glacial activity, surficial deposits are included, as well as the environmental setting (vegetation, wildlife, etc.). The plan describes the quarrying activities and the corresponding site management measures (drainage, dust and noise) to ensure the protection of the environment and safety. Closure activities are also addressed in terms of waste disposal, stockpile removal, road closure and remediation for contaminated soils.

Quarry Operations and Management Plan: Q7 + 500	H337697-0000-07-126-0009	This document provides a thorough description of the Railway Construction Access Road Plan Quarry Q7 + 500 Site. Topography, glacial activity, surficial deposits are included, as well as the environmental setting (vegetation, wildlife, etc.). The plan describes the quarrying activities and the corresponding site management measures (drainage, dust and noise) to ensure the protection of the environment and safety. Closure activities are also addressed in terms of waste disposal, stockpile removal, road closure and remediation for contaminated soils.
Quarry Operations and Management Plan: Q77 + 200	H337697-0000-07-126-0008	This document provides a thorough description of the Railway Construction Access Road Plan Quarry Q77 + 200 Site. Topography, glacial activity, surficial deposits are included, as well as the environmental setting (vegetation, wildlife, etc.). The plan describes the quarrying activities and the corresponding site management measures (drainage, dust and noise) to ensure the protection of the environment and safety. Closure activities are also addressed in terms of waste disposal, stockpile removal, road closure and remediation for contaminated soils.
Quarry Operations and Management Plan: Q133 + 500	H337697-0000-07-126-0007	This document provides a thorough description of the Railway Construction Access Road Plan Quarry Q133 + 500 Site. Topography, glacial activity, surficial deposits are included, as well as the environmental setting (vegetation, wildlife, etc.). The plan describes the quarrying activities and the corresponding site management measures (drainage, dust, and noise) to ensure the protection of the environment and safety. Closure activities are also addressed in terms of waste disposal, stockpile removal, road closure and remediation for contaminated soils.