

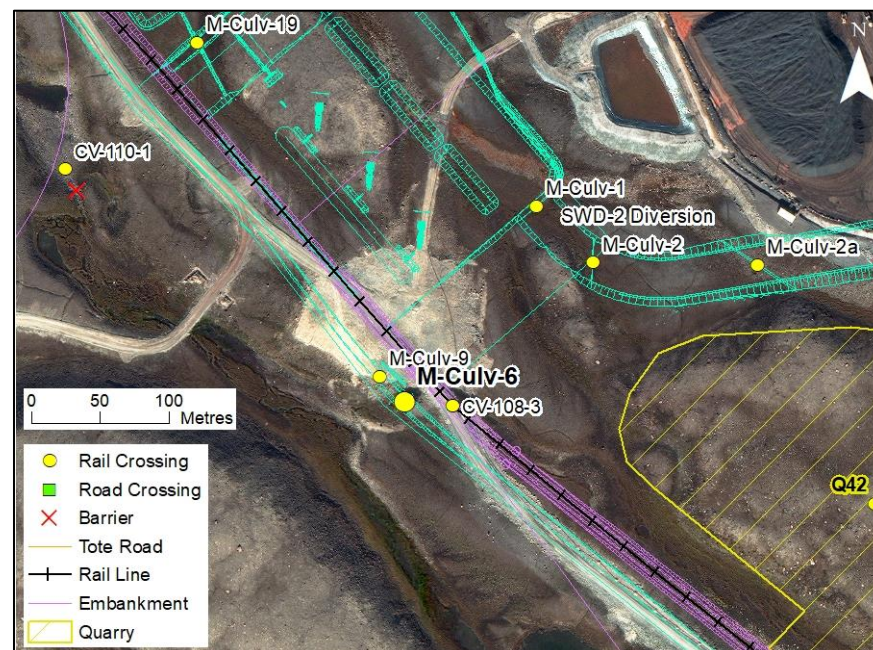
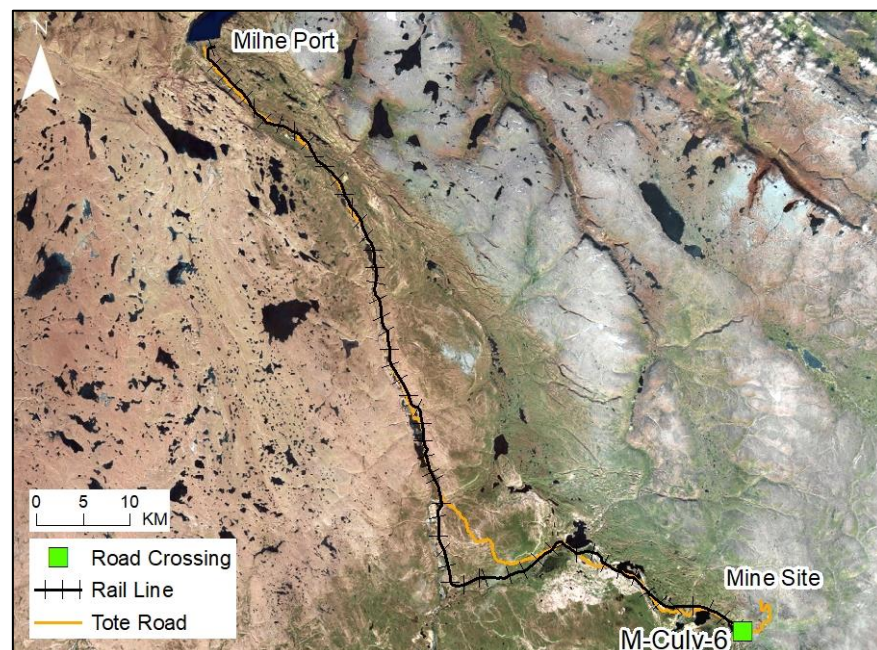
ROAD M-CULV-6

LOCATION AND CROSSING DESCRIPTION

Site ID:	M-Culv-6	Dates Surveyed:	27-Jun-19	Waterbody Type:	Stream
Project Interaction:	Road Culvert + Pond Encroachment	Centreline UTM Coordinates:	17W 561331 E 7912741 N	Culvert Length (m):	16.4
Number of Barrels:	1	Culvert Diameter/Span (mm):	1200	Slope (%):	2.4

GENERAL PHYSICAL CHARACTERISTICS

Flow Regime:	Intermittent	Stream Order:	2	Drainage Basin Area (km²):	0.150
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SUMMARY

An access road will cross an unnamed intermittent stream/pond system at M-Culv-6 that drains northwest to Sheardown Lake approximately 580 m downstream from the road centreline. This stream is a smaller branch of the stream crossed by the rail at CV-110-1 approximately 390 m downstream from the centreline. This branch is also crossed 40 m upstream by the rail at site CV-108-3. Site M-Culv-6 also encroaches on the pool downstream of the existing road.

During the spring 2019 survey, the stream consisted of unconnected pools on the upstream and downstream sides of the existing access road with no connectivity to the larger CV-110-1 stream. It is unknown if the lack of connectivity observed in spring 2019 is permanent. However, the area is not fish habitat due to the presence of a permanent barrier that extends from 410-510 m downstream of the M-Culv-6 centreline. The barrier is a boulder field on a steep incline with several large vertical drops.

**BAFFINLAND IRON MINES
MARY RIVER PROJECT**

North/South Consultants Inc.
Aquatic Environment Specialists

FISH HABITAT:

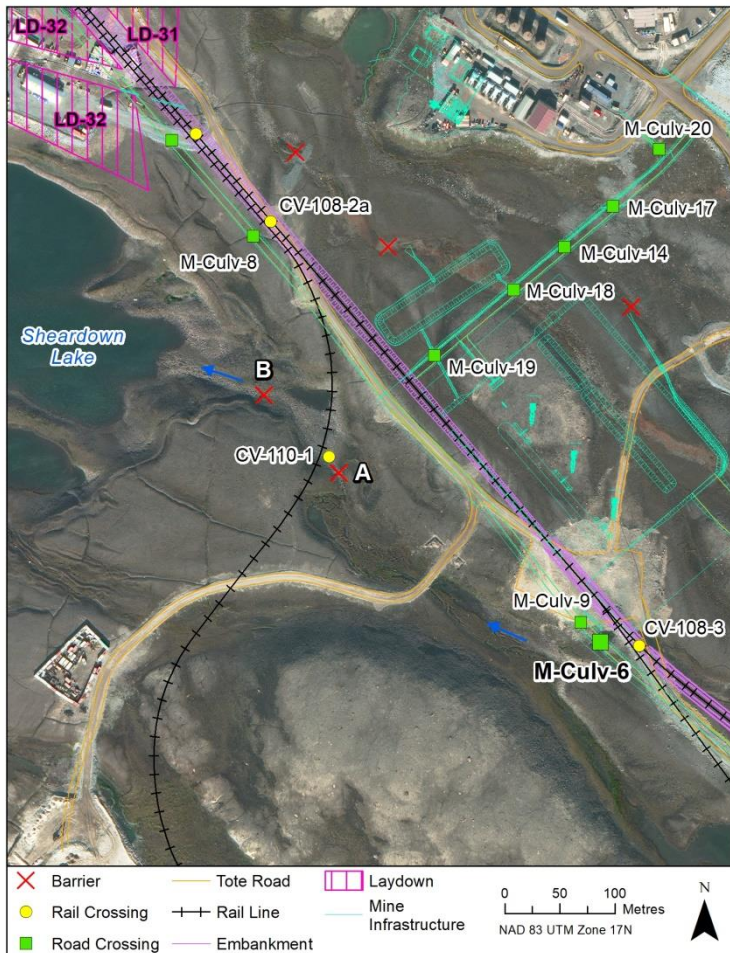
ARCTIC CHAR - NO

NINESPINE STICKLEBACK - NO

ROAD M-CULV-6

BARRIERS

Upstream/ Downstream	UTM		Barrier Type			Height (m)	Gradient (°)	Description	Site Label
	Easting	Northing	1	2	3				
Downstream	561093	7912895	VD	HG	B	0.55	15	Permanent Barrier: Upper end of long barrier	A
Downstream	561025	7912966	B					Permanent Barrier: Lower end of long barrier	B



ROAD M-CULV-6

27-JUN-19



A



B



C

Photos 1. Photos taken at the crossing centreline in spring: (A) facing upstream; (B) facing downstream; and (C) across (right bank looking at left bank). The existing access road is also visible in the photographs.