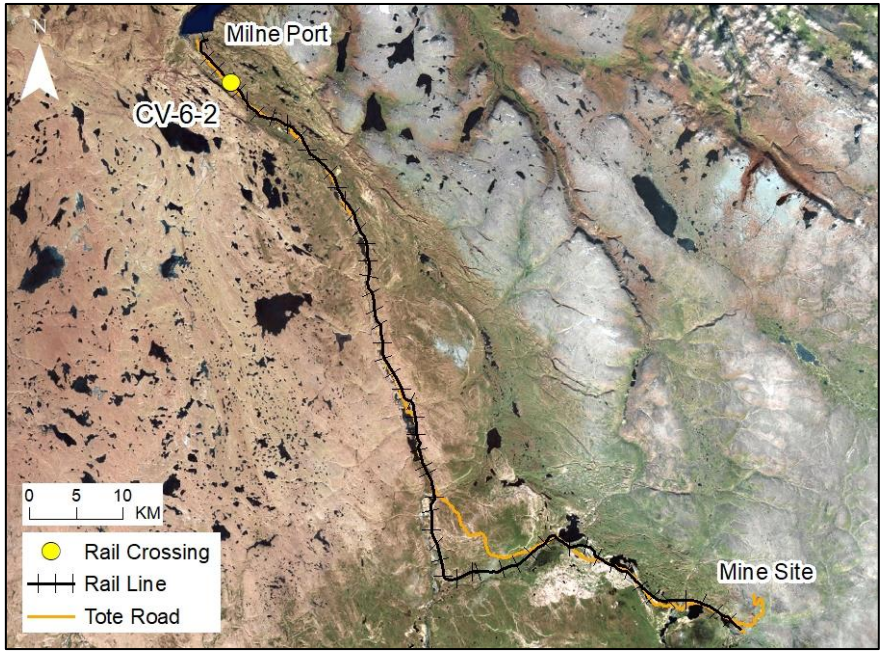
RAIL CV-6-2

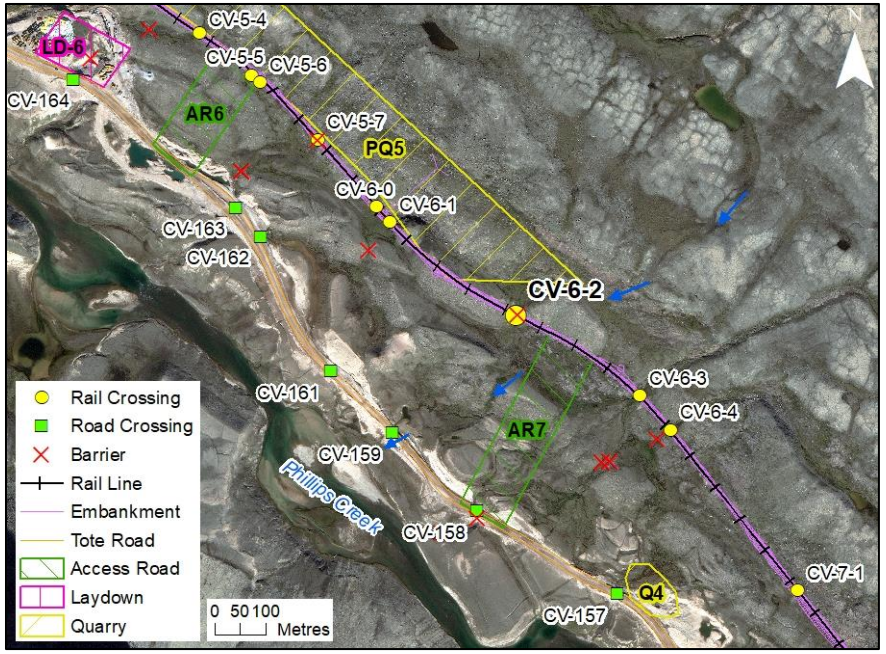
LOCATION AND CROSSING DESCRIPTION

Site ID:	CV-6-2	**Dates Surveyed:**	16-Jun-19	**Waterbody Type:**	Stream
Project Interaction:	Rail Daylight + Culvert	**Centreline UTM Coordinates:**	17W 507167 E 7971066 N	**Culvert Length (m):**	12
Number of Barrels:	1	**Culvert Diameter/Span (mm):**	900	**Slope (%):**	1

GENERAL PHYSICAL CHARACTERISTICS

Flow Regime:	Intermittent	**Stream Order:**	1	**Drainage Basin Area (km²):**	0.217





SUMMARY

The North Rail crosses an unnamed intermittent stream at CV-6-2 that drains to the Tote Road crossing CV-159, and ultimately to Phillips Creek, approximately 550 m downstream. The channel contained little water in spring 2019.

The rail crossing is situated on a hillside with a high gradient, which is a permanent barrier to upstream fish passage that extends from the crossing area to more than 100 m downstream. There is no fish habitat at site CV-6-2 due to the permanent barrier and there is no connectivity to any upstream overwintering habitat.

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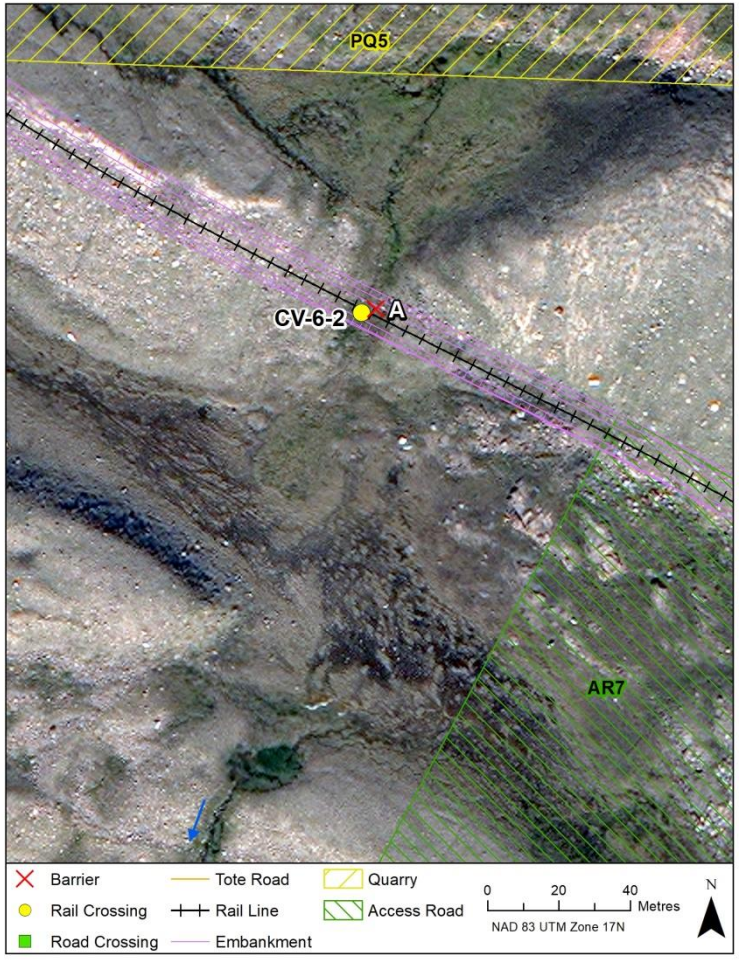
BARRIERS

Upstream/ Downstream	UTM		Barrier Type			Height (m)	Gradient (°)	Description	Site Label
	Easting	Northing	1	2	3				
At crossing and downstream	507171	7971067	HG				>10	Permanent Barrier: High gradient along the entire stream length	A



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FISH HABITAT POTENTIAL

Nearest Potential Overwintering Habitat - ARCH: Milne Inlet **Distance to Nearest Potential Overwintering Habitat - ARCH (km):** 10.3

Overwintering Habitat Upstream of Site - ARCH (Y/N): No

Species	Spawning	Overwintering	Rearing	Adults Present
ARCH	N	N	N	N
NNST	N	N	N	N

FISHERIES DATA

Date: 16-Jun-19 **Temperature (°C):** NR **Gear Used:** Visual

Distance Fished (m): N/A **Duration Fished (seconds):** N/A

Species	Season	Effort (Seconds)	Fish Captured	Fish Observed	CPUE (No. Fish/60 Seconds)	Length Range (mm)
ARCH	Spring	N/A	0	0	-	-
NNST	Spring	N/A	0	0	-	-

COMMENTS

There is no overwintering habitat upstream of crossing CV-6-2, and fish access to the site from downstream habitat is blocked by a permanent barrier (high gradient that extends from the crossing to >100 m downstream). There is no fish habitat at this crossing.

RAIL CV-6-2

16-JUN-19

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B

C

Photos 1. Photos taken at the crossing centreline in spring (A) facing upstream; (B) facing downstream; and (C) across (left bank looking at right bank).