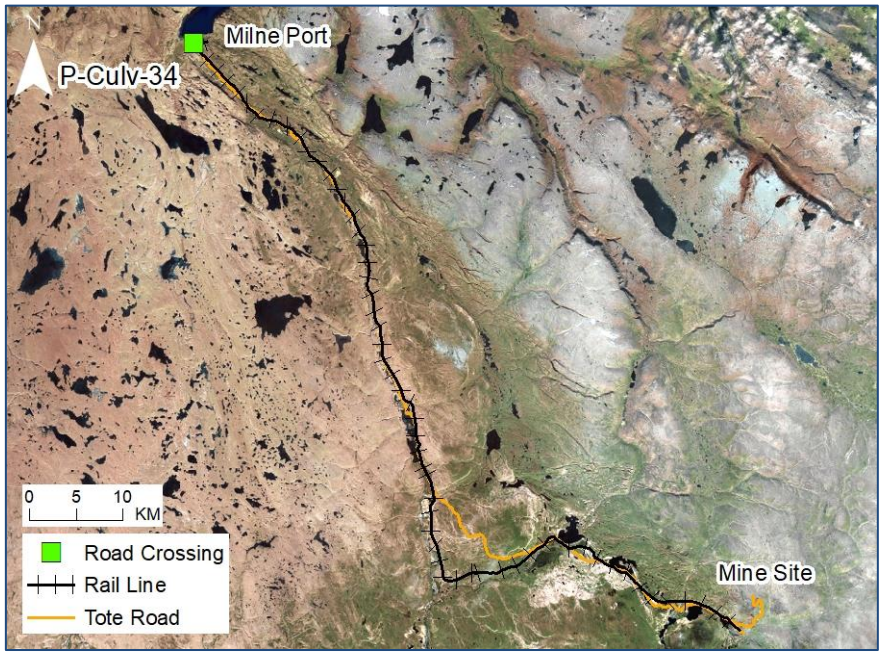
PORT SITE P-CULV-34

LOCATION AND CROSSING DESCRIPTION

Site ID:	P-Culv-34	**Dates Surveyed:**	18-Jun-19	**Waterbody Type:**	Stream
Project Interaction:	Port Site Culvert	**Centreline UTM Coordinates:**	17W 503074 E 7975479 N	**Culvert Length (m):**	18.906
Number of Barrels:	1	**Culvert Diameter/Span (mm):**	600	**Slope (%):**	0.3

GENERAL PHYSICAL CHARACTERISTICS

Flow Regime: Seasonal **Stream Order:** 2 **Drainage Basin Area (km^2):** -



SUMMARY

Port area infrastructure upgrades include a culvert at site P-Culv-34. The site is a marshy area approximately 40 m long by 5 m wide that drains water from a pond 60 m to the south (site P-Culv-1) generally towards another pond 60 m to the north (unnamed). At the time of the survey, P-Culv-34 was not connected to either pond. In addition, there is a permanent barrier, raised berm of terrestrial vegetation, 40 m downstream from the culvert site that prevents all fish access from farther downstream. The upstream pond is of insufficient depth to provide overwintering habitat for either species.

Due to the downstream barrier and lack of connectivity to Milne Inlet, this crossing does not provide fish habitat.

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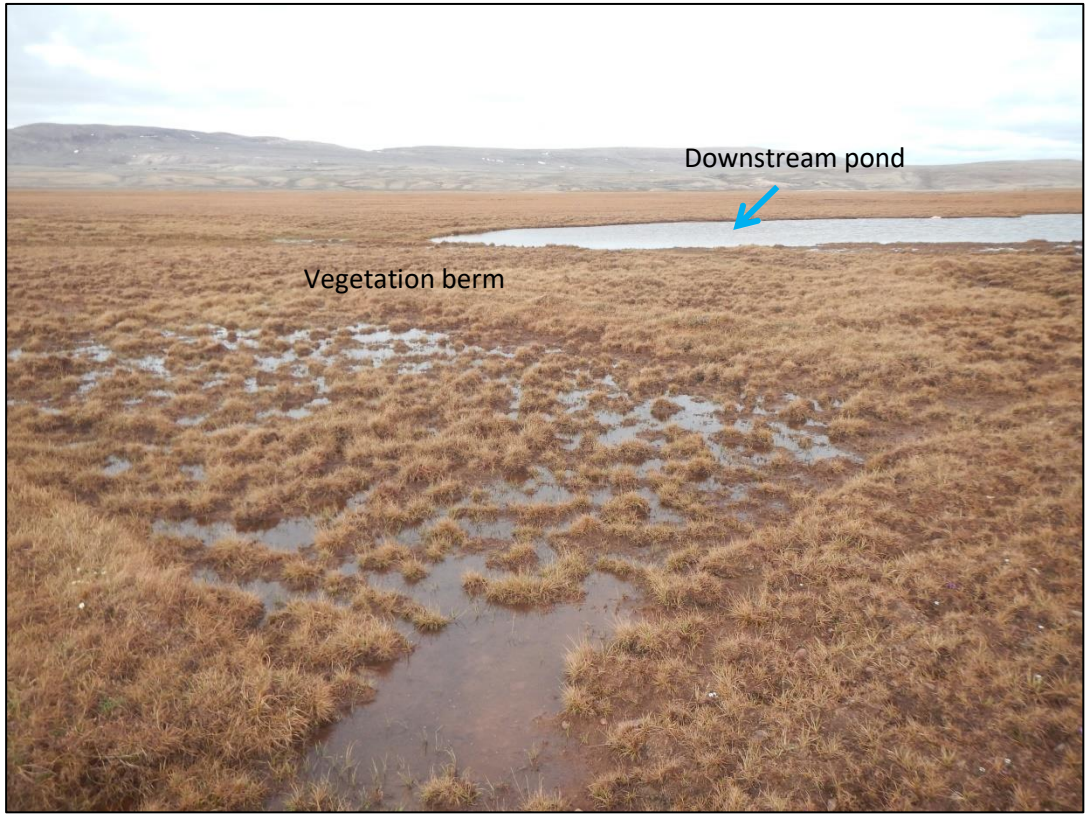
BARRIERS

Upstream/ Downstream	UTM		Barrier Type			Height (m)	Gradient (°)	Description	Site Label
	Easting	Northing	1	2	3				
Downstream	503066	7975519	SSF					Permanent barrier: No surface water connectivity downstream from vegetation berm at this location	A
Upstream	NO INFLOW TO UPSTREAM POND								



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FISH HABITAT POTENTIAL

Nearest Potential Overwintering Habitat - ARCH: Milne Inlet

Distance to Nearest Potential Overwintering Habitat - ARCH (km): 0.8

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

COMMENTS

The site was an isolated, shallow marshy area in spring 2019. No fish were observed. There is no connectivity to overwintering habitat and the site is not fish-bearing.

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18-JUN-19

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Photos 1. Photos taken at the culvert centreline in spring: (A) facing east; and (B) facing north.