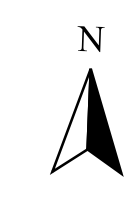


Carmacks - Stewart Transmission Line Project Preliminary Terrain Survey Maps

Check Plot: 115p.07



Scale 1:50,000
2 0 2 4 Kilometers

Albers Equal Area projection (standard parallels: 62°00'N & 66°00'N)

TERRAIN UNITS TO AVOID:

Map Symbol	Terrain Unit Descriptions	Comments
OZ	Organic rich material with ice rich permafrost	Possibly thicker than 4 m. Gravel may be present at depth.
OW	Organic rich, poorly drained material	High water table. Gravel may be present at depth greater than 4 m.
OWZ	Organic rich, ice-rich and poorly drained areas	High silt and ice content. High water table. Gravel may be present at depth greater than 4 m.
OW:FA	Organic and or silt, poorly drained and subjected to regular flooding	High water table, flooding risk and proximity to stream
VS:G	Very Steep slope, mainly in gravelly soil	Slopes area greater than 60%
VS:R	Very Steep slope, mainly in colluvium covered bedrock or rock.	Slopes area greater than 60%
ST	Stream / Wetland: creek bottom including stream and adjacent wetland.	Environmentally sensitive area
RI	River	Stream
WET	Wetland, variable water table near or at surface, silt, organic, sand or gravel	Environmentally sensitive area

TERRAIN UNITS THAT MAY REQUIRE MORE COSTLY POLE SETTINGS:

Map Symbol	Terrain Unit Descriptions	Comments
OZ/G	Organic rich material with ice rich permafrost over gravel	Gravel may be present within 3m from the surface.
OW/G	Organic rich, poorly drained material	High water table. Gravel may be present within 3 m from the surface.
OWZ/G	Organic rich, ice-rich and poorly drained areas	High silt and ice content. High water table. Gravel may be present within 3m from the surface
S:G	Steep slopes, mainly in gravelly soils	Slopes are greater than 40% and less than 60%
S:M	Steep slope in silty gravel, Moraine	Slopes are greater than 40% and less than 60%
S:R	Steep slope, mainly in colluvium covered bedrock or rock.	Slopes are greater than 40% and less than 60%
F	Fluvial silt and sand / gravel	Water table could be near surface, site inspections required

TERRAIN MODIFIERS: (Modifier may be added to other map symbol)

Map Symbol	Terrain Unit Descriptions
(-K)	Thermokarst
(-S)	Slow Mass Movement
(-CL)	Colluvium and Landslide

BASE INFORMATION:

	Project Study Area		Access Road
	Proposed New Route		Bridge
	Cadastral Information		Cut Line
	First Nations Settlement Lands		Ferry Route
	Little Salmon Carmacks		Limited Use Road
	Na-cho Nyak Dun		Trail
	Selkirk		River
			Waterbodies
			Wetland
			Contour

DIGITAL DATA SOURCES AND DISCLAIMERS:

Terrain mapping and interpretation by C. Mougout, Mougout Geoanalysis based on 1:50,000 base data. The terrain mapping is accompanied by a report, Carmacks-Stewart Transmission Line Project: Preliminary Terrain Survey (October 2000), prepared for Yukon Energy Corporation, Whitehorse, Yukon. The terrain linework was digitized by Applied Ecosystem Management Ltd. based on the NTDB 1:50,000 base information.

Proposed New Route was created by C. Mougout, Mougout Geoanalysis based on the terrain mapping and the 1:50,000 base data.

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Yukon Community Cadastral Information and First Nations Settlement Lands compiled by Legal Surveys, Natural Resources Canada.

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Date:
January 31, 2001

