



Carmacks-Stewart Transmission Line Project Preliminary Terrain Survey Maps

Check Plot: 115i.07



Scale 1:50,000 (NAD83)
Albers Equal Area projection (standard parallels: 61°40'N & 68°00'N)

TERRAIN UNITS TO AVOID:

Map Symbol	Terrain Unit Descriptions	Comments
OZ	Organic rich material with ice rich permafrost	Possibly thicker than 4 meters. Gravel may be present at depth.
OW	Organic rich, poorly drained material	High water table. Gravel may be present at depth greater than 4 meters.
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 meters.
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 slopes, mainly in gravelly soil	Slopes are greater than 60%
VS:R	Very steep slopes, mainly in colluvial covered bedrock or rock	Slopes are greater than 60%
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 3 meters from the surface
OW/G	Organic rich, poorly drained material	High water table. Gravel may be present within 3 meters 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 3 meters from the surface
S:G	Steep slopes, mainly in gravelly soils	Slopes are greater than 40% and less than 60%
S:R	Steep slopes, mainly in colluvial 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

OTHER LABELS AND MODIFIERS:

Map Symbol	Terrain Unit Descriptions
(-K)	Thermokarst
(-S)	Slow mass movement
(-CL)	Colluvium and landslide
S:M	Steep moraine
ST	Stream / Wetland
RI	River

BASE INFORMATION:

	Project Study Area		Access
	Proposed New Route		FERRY ROUTE
	Cadastral Information		LIMITED-USE ROAD
	First Nations Settlement Lands		ROAD
	Nacho'Nyak'Dun		River
	Little Salmon Carmacks		Waterbody
	Selkirk		Wetland
			Contour

DIGITAL DATA SOURCES AND DISCLAIMERS

Terrain mapping and interpretation by C. Mougout, Mougout Geoanalysis based on 1:50,000. 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.

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

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