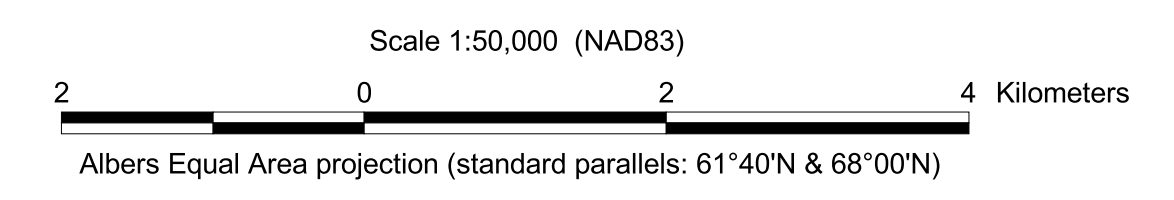


# Carmacks-Stewart Transmission Line Project Preliminary Terrain Survey Maps

Check Plot: 115p.02



**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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