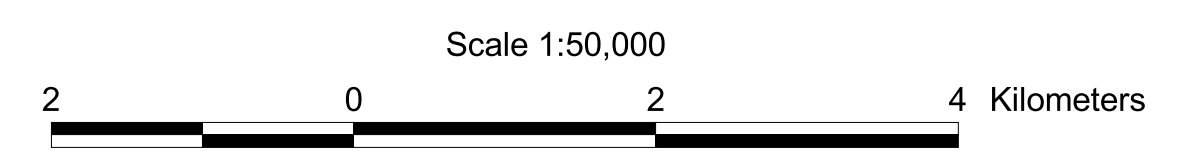
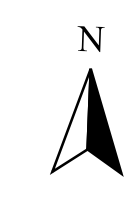


## Carmacks - Stewart Transmission Line Project Preliminary Terrain Survey Maps

Check Plot: 115i.15



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. Mougeot, Mougeot 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. Mougeot, Mougeot 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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