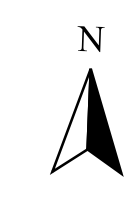


## Carmacks - Stewart Transmission Line Project Preliminary Terrain Survey Maps

Check Plot: 115i.01



Scale 1:50,000  
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
<span style="color: purple;">█</span> OZ	Organic rich material with ice rich permafrost	Possibly thicker than 4 m. Gravel may be present at depth.
<span style="color: blue;">█</span> OW	Organic rich, poorly drained material	High water table. Gravel may be present at depth greater than 4 m.
<span style="color: green;">█</span> 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.
<span style="color: red;">█</span> OW:FA	Organic and or silt, poorly drained and subjected to regular flooding	High water table, flooding risk and proximity to stream
<span style="color: orange;">█</span> VS:G	Very Steep slope, mainly in gravelly soil	Slopes area greater than 60%
<span style="color: brown;">█</span> VS:R	Very Steep slope, mainly in colluvium covered bedrock or rock.	Slopes area greater than 60%
<span style="color: black;">█</span> ST	Stream / Wetland: creek bottom including stream and adjacent wetland.	Environmentally sensitive area
<span style="color: blue;">█</span> RI	River	Stream
<span style="color: cyan;">█</span> 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
<span style="color: purple;">█</span> OZ/G	Organic rich material with ice rich permafrost over gravel	Gravel may be present within 3m from the surface.
<span style="color: green;">█</span> OW/G	Organic rich, poorly drained material	High water table. Gravel may be present within 3 m from the surface.
<span style="color: cyan;">█</span> 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
<span style="color: grey;">█</span> S:G	Steep slopes, mainly in gravelly soils	Slopes are greater than 40% and less than 60%
<span style="color: brown;">█</span> S:M	Steep slope in silty gravel, Moraine	Slopes are greater than 40% and less than 60%
<span style="color: yellow;">█</span> S:R	Steep slope, mainly in colluvium covered bedrock or rock.	Slopes are greater than 40% and less than 60%
<span style="color: yellow;">█</span> 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
<span style="color: black;">█</span> (-K)	Thermokarst
<span style="color: black;">█</span> (-S)	Slow Mass Movement
<span style="color: black;">█</span> (-CL)	Colluvium and Landslide

**BASE INFORMATION:**

<span style="color: black;">█</span> Project Study Area	<span style="color: red;">█</span> Access Road
<span style="color: purple;">█</span> Proposed New Route	<span style="color: red;">█</span> Bridge
<span style="color: black;">█</span> Cadastral Information	<span style="color: red;">█</span> Cut Line
<span style="color: black;">█</span> First Nations Settlement Lands	<span style="color: red;">█</span> Ferry Route
<span style="color: red;">█</span> Little Salmon Carmacks	<span style="color: red;">█</span> Limited Use Road
<span style="color: orange;">█</span> Na-cho Nyak Dun	<span style="color: red;">█</span> Trail
<span style="color: purple;">█</span> Selkirk	<span style="color: blue;">█</span> River
	<span style="color: cyan;">█</span> Waterbodies
	<span style="color: cyan;">█</span> Wetland
	<span style="color: black;">█</span> 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