



Carmacks-Stewart Transmission Line Project Preliminary Terrain Survey Maps

Check Plot: 115i.08



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. Mougeot, Mougeot 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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