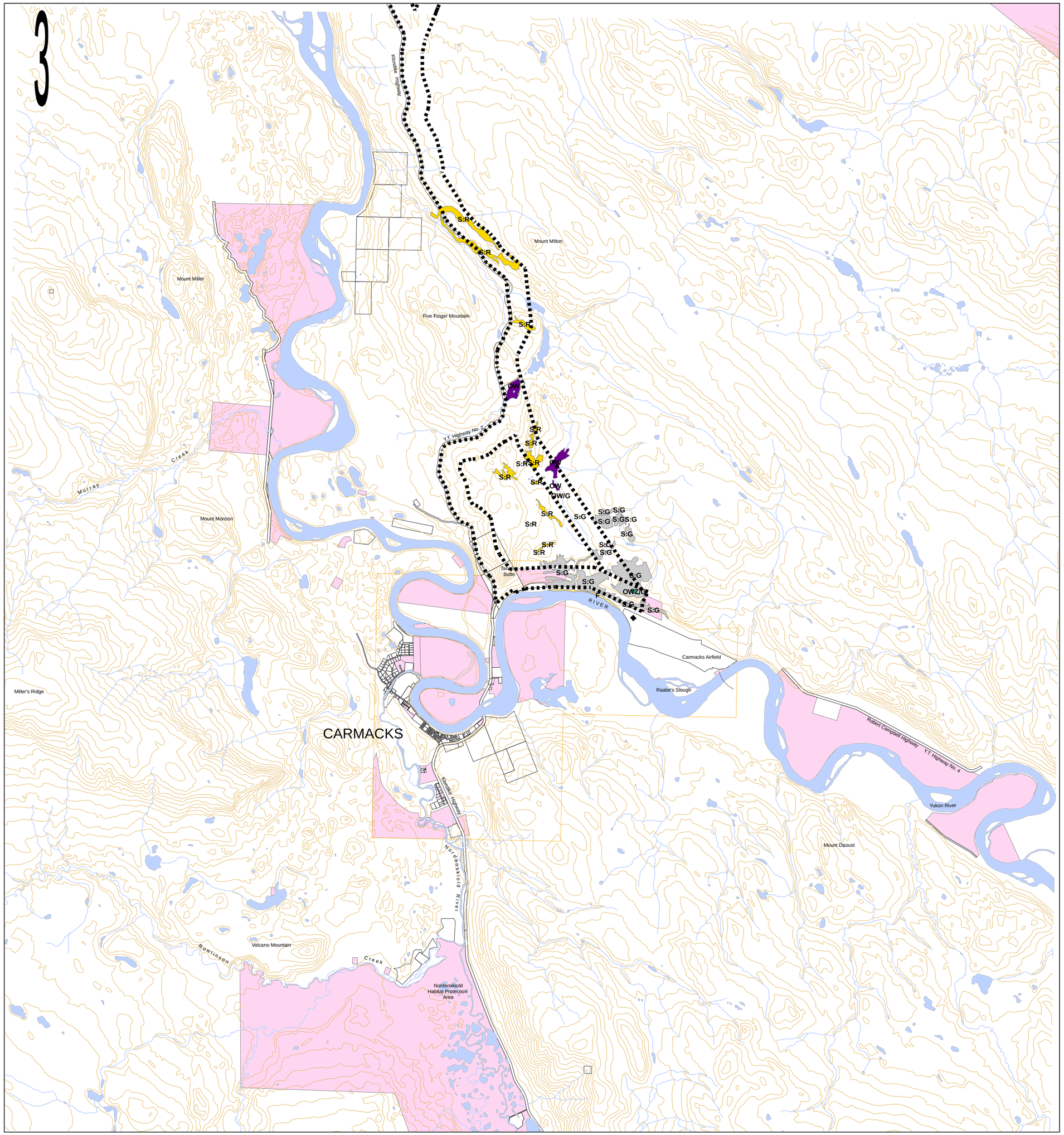


Carmacks-Stewart/ Minto Spur Transmission Project

YUKON ENERGY

Legend

TERRAIN UNITS TO AVOID:

Map Symbol	Terrain Unit Description	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 greather 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 silt and cie content. high water table. Gravel may be present at depth greater than 4 meters.
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%.

TERRAIN UNITS THAT MAY REQUIRE MORE COSTLY POLE SETTINGS:

Map Symbol	Terrain Unit Description	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:M	Steep slope in silty gravel, Moraine	Slopes are greater than 40% and less than 60%.
S:R	Steep slopes, mainly in colluvial covered bedrock of 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.

Note: Terrain units were delineated using 1989 air photography. Units could be subject to change according to ground truthing results.

OTHER LABELSAND MODIFIERS:

Map Symbol	Terrain Unit Description
(-K)	Thermokarst
(-S)	Slow mass movement
(-CL)	Colluvium and landslide
S:M	Steep moraine
ST	Stream / Wetland
RI	River
	Runway
	Cadastral Information
	Campsite
	Contour (100' interval)
	Trail
	Watercourse
	Route Study Area
	Waterbody
	Habitat Protection Area
	First Nation Settlement Land

Digital Data Source:

National Topographic Data Base (NTDB) compiled by Natural Resources Canada at a scale of 1:50,000. Cadastral data compiled by Natural Resources Canada. Reproduced under license from © Her Majesty the Queen in Right of Canada, Department of Natural Resources Canada. All rights reserved. Cadastral data downloaded from ftp://ftpyukonccm.nrcan.gc.ca/, data current as of July 25, 2006.

Land disposition and application data and agricultural disposition and application data acquired from Yukon Government Energy Mines and Resources Lands Branch via http://www.geomaticsyukon.ca/data_download. Data current as of August 4, 2006.

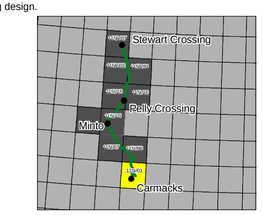
Quartz claim and placer claim data obtained from Yukon Government Minerals Branch via http://www.geomaticsyukon.ca/data_download. Data current as of August 4, 2006.

Unrecorded First Nation settlement land data obtained from Department of Indian and Northern Affairs.

Parks and Protected Areas data downloaded January 2006 from Yukon Department of Environment website: http://environmentyukon.gov.yk.ca/geomatics/govdata.html Source: Geomatics, Environment, Yukon Government.

Notation data acquired from InterGroup, August 2006.
Proposed corridor is preliminary subject to final engineering design.

NTS Sheets 115I/01
UTM Zone 8 NAD83



Preliminary Terrain Survey Map

Scale: 1:50,000
(when plotted at 24"x28",
orginal map on cd provided with final document)

0 1 2 4 6 km

Drawn By: HD/RG

Checked By: DC/NL

Date: August 2006

InterGroup® CONSULTANTS

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Our File: D:\Project\AllProjects\YEC-05-01 CarmStewTransLine\gis\mxd\YESAA_Report\Fall2006\Terrain Analysis\Terrain10_115i01.mxd