

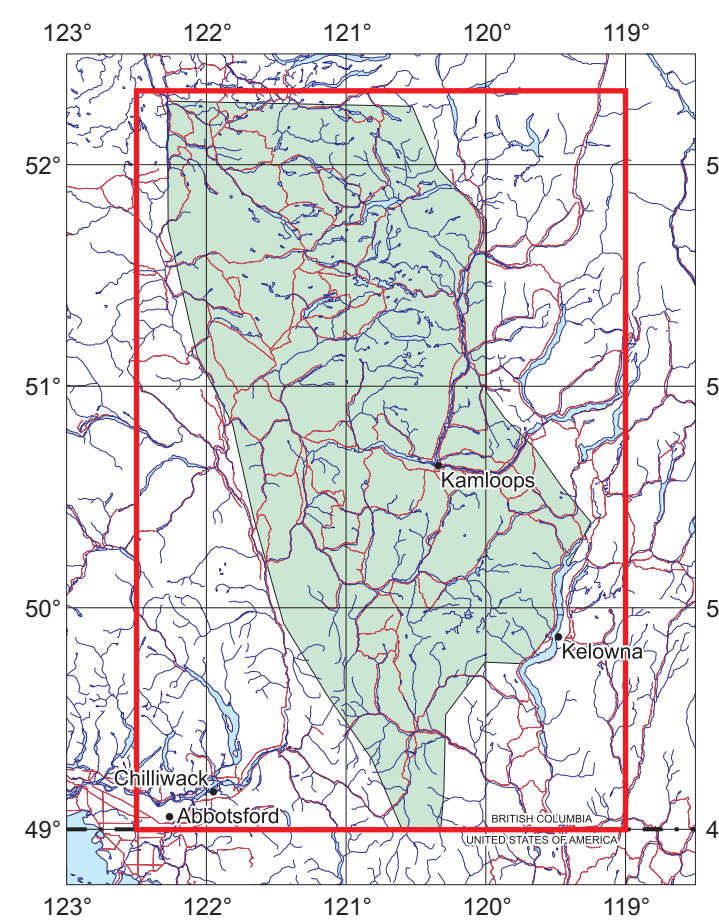
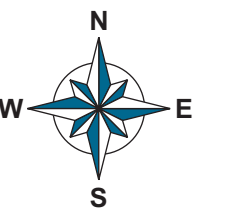
High Resolution Airborne Gravity Survey

Quest South Project Area, British Columbia - 2009

Free Air
Corrected Gravity (mGal)

Contour Intervals (mGal)
2
10
50

Flight Lines
L1410>
Fiducial
Line direction
Line number



Map Index

Survey and Processing Specifications

Traverse Line Spacing	.....	2000 m
Traverse Line Direction	.....	along bearing: 90° - 270°
Control Line Spacing	.....	20000 m
Control Line Direction	.....	along bearing: 0° - 180°
Aircraft Altitude	.....	200 m above drape
Flying Speed	.....	90 knots
Gravimeter Sensor	.....	Sander Geophysics' AIRGrav
Gravimeter Sensitivity	.....	0.1 mGal
Gravimeter Sample Rate	.....	128 Hz
GPS Receiver	.....	NovAtel Millennium, 12 channel, dual frequency
Aircraft	.....	Diamond Twin Star DA42, C-FSDK and Cessna Grand Caravan 208B, C-GSGJ
Density used for Bouguer and Terrain Corrections	.....	2.67 g/cm ³
Gravity Data Spatial Filter (Half Wavelength)	.....	0% Pass @ 2250 m, 100% Pass @ 4500 m, Mid-point 3000 m
GPS Ground Station 1 (NAD-83)	.....	51°43'33.2527"N, 121°20'17.1614"W, 946.19 m
GPS Ground Station 2 (NAD-83)	.....	51°43'33.1864"N, 121°20'17.3738"W, 945.24 m
GPS Ground Station 3 (NAD-83)	.....	49°53'21.8679"N, 119°25'04.3203"W, 370.06 m
GPS Ground Station 4 (NAD-83)	.....	49°53'21.8979"N, 119°25'04.1947"W, 370.20 m
Dates Flown		September - November, 2009
Grid Cell Size		500 m
Datum		NAD83
UTM Zone		10N

Scale 1 : 500 000
km 10 0 20 40 km

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Flown and compiled by:

