

MAP 1

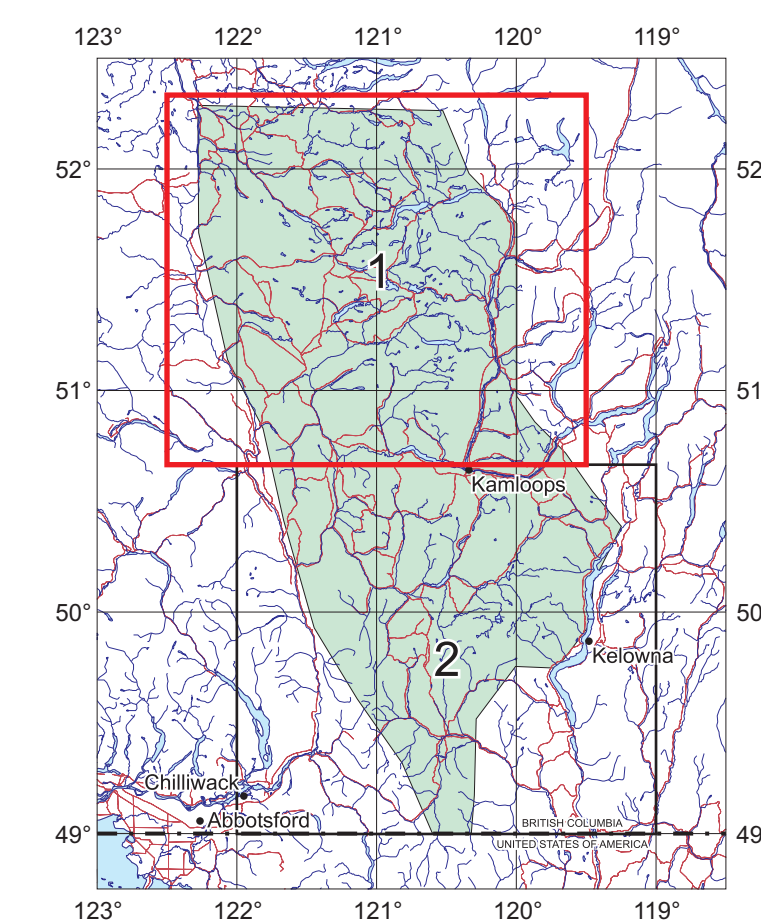
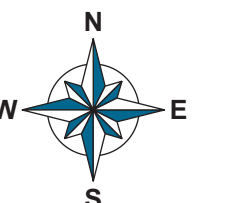
**Terrain Corrected
Bouguer Gravity (mGal)**

Contour Intervals (mGal)

1
5
25

Flight Lines

L1410x
N Fictical
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	.....	2000 m
Control Line Direction	.....	along bearing: 0° - 180°
Aircraft Altitude	.....	200 m above ground
Flying Speed	.....	90 knots
Gravimeter Sensor	.....	Sandier Geophysical AirGrav
Gravimeter Sensitivity	.....	0.1 mGal
Gravimeter Sample Rate	.....	128 Hz
GPS Receiver	.....	Novatel Millennium, 12 channel, dual frequency
Density used for Bouguer and Terrain Corrections	.....	Diamond Twin Star DA42, C-FSDK and Cessna Grand Caravan 2008, C-380J
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°45'33.2627N, 121°20'17.1614W, 946.16 m
GPS Ground Station 2 (NAD-83)	.....	51°43'33.1884N, 121°20'17.3788W, 946.24 m
GPS Ground Station 3 (NAD-83)	.....	49°53'21.8679N, 119°25'04.3205W, 370.06 m
GPS Ground Station 4 (NAD-83)	.....	49°53'21.8679N, 119°25'04.1947W, 370.20 m
Date of Flight	September - November, 2009
Grid Cell Size	200 m
Datum	NAD83
UTM Zone	10N

Scale 1 : 250 000
km 5 0 10 20 km

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Bouguer Gravity (mGal)**

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High Resolution Airborne Gravity Survey
Quest South Project Area, British Columbia - 2009