

High Resolution Airborne Gravity Survey

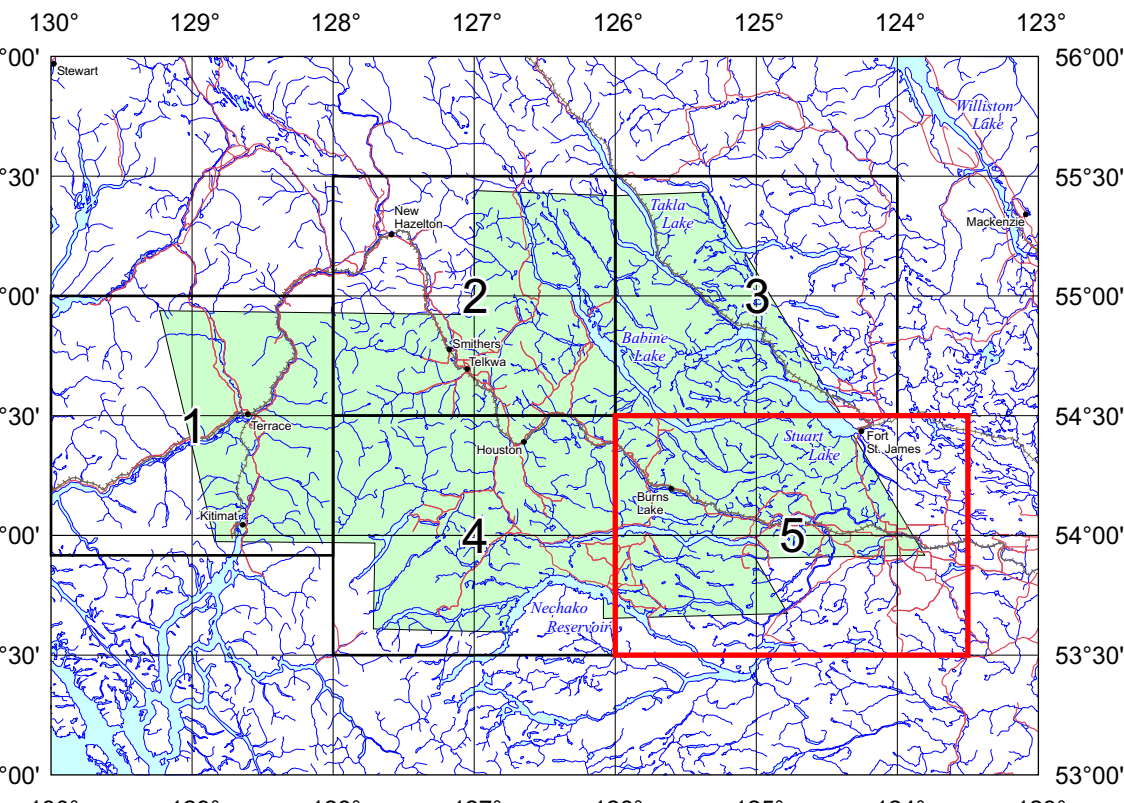
Quest West Project Area, British Columbia - 2008

MAP 5

Terrain Corrected
Bouguer Gravity (mGal)

Contour Intervals (mGal)
1
5
25

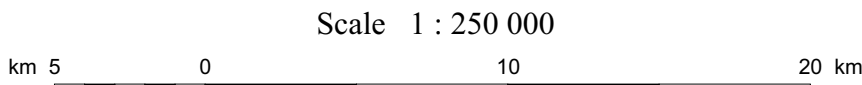
Flight Lines
L1410>
Fiducial
Line direction
Line number



Map Index

Survey and Processing Specifications

Traverse Line Spacing	2000 m
Traverse Line Direction	along bearing: 90° - 270°
Control Line Spacing	17000 m
Control Line Direction	along bearing: 150° - 330°
Aircraft Altitude	200 m above drape
Flying Speed	50 knots
Gravimeter Sensor	Sander Geophysics' AIRGrav
Gravimeter Sensitivity	0.1 mGal
Gravimeter Sample Rate	128 Hz
Aircraft Positioning	Omnistar Real-time Differential GPS
GPS Receiver	NovAtel Millennium, 12 channel, dual frequency
Aircraft	Eurocopter AS350-B3, C-GSGH
Density used for Bouguer and Terrain Corrections	2.67 g/cm ³
Gravimetry Data Spatial Filter (Half Wavelength)	0% Pass @ 2250 m, 100% Pass @ 4500 m, Mid-point 3000 m
GPS Ground Station 1 (WGS-84)	54°49'08.1079"N, 127°11'07.2396"W, 522.0241 m
GPS Ground Station 2 (WGS-84)	54°49'08.0878"N, 127°11'07.4765"W, 522.0926 m
Dates Flown	May - July, 2008
Grid Cell Size	500 m
Datum	NAD83
UTM Zone	10N



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