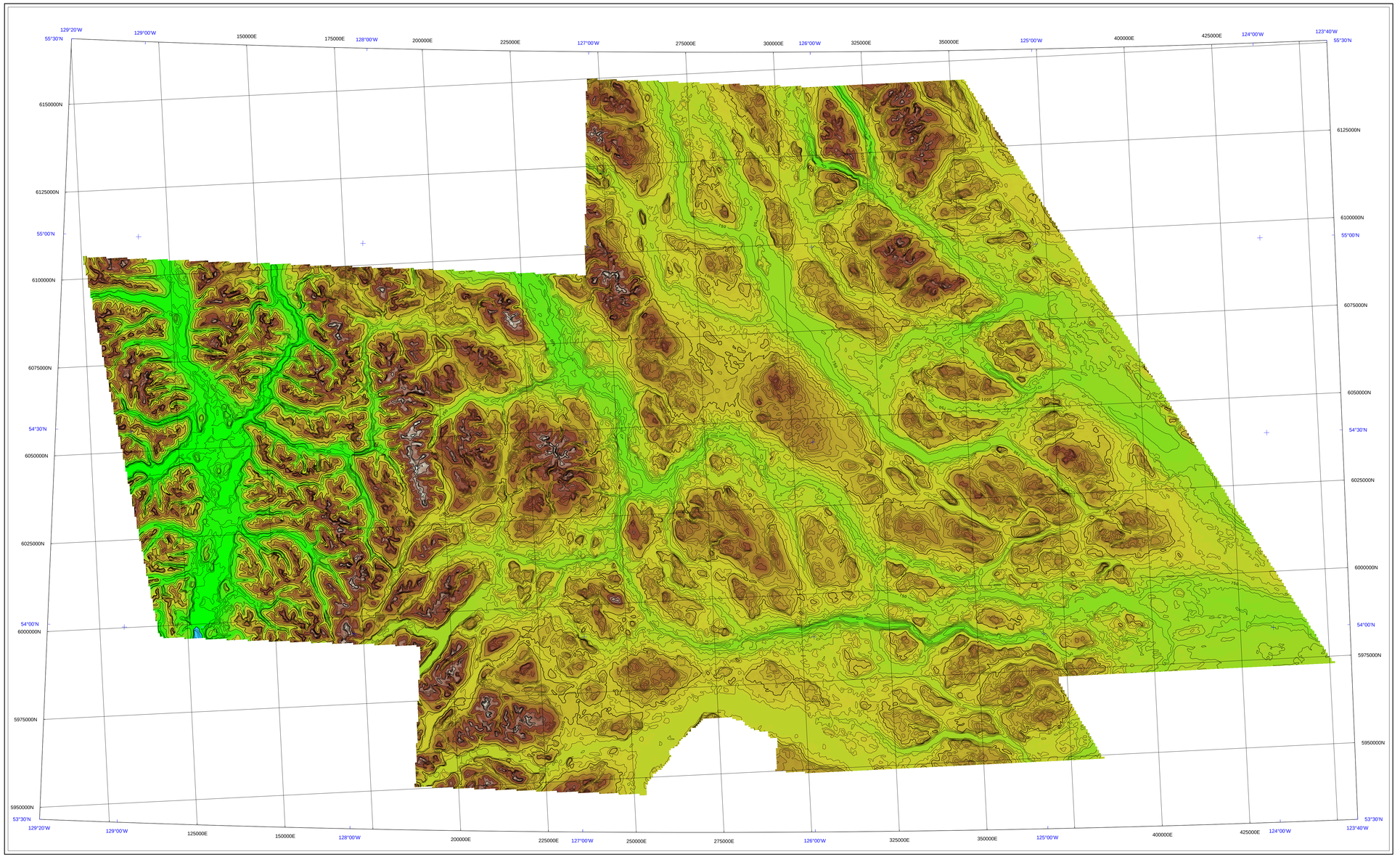
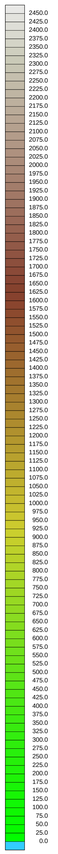




Geoscience BC

High Resolution Airborne Gravity Survey

Quest West Project Area, British Columbia - 2008

Digital Elevation Model (m)

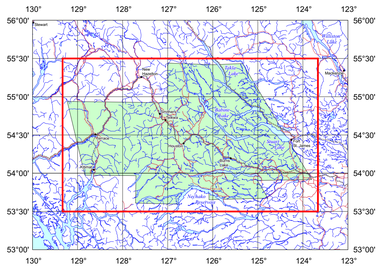
(above mean sea level)

Contour Intervals (m)

50 .....

250 .....

1000 .....



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	90 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/cm³
Gravity 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

Scale 1 : 500 000

km 10 0 20 40 km

Digital Elevation Model (m)
(above mean sea level)

High Resolution Airborne Gravity Survey
Quest West Project Area, British Columbia - 2008

AIRGrav
Airborne Inertially Referenced Gravimeter

Flown and compiled by:
Sander Geophysics
High Resolution Airborne Surveys
260 Hunt Club Road, Ottawa, Ontario, Canada K1V 1C7
Phone: (613)521-9626 Fax: (613)521-0210
E-Mail: info@sgl.com Web: www.sgl.com