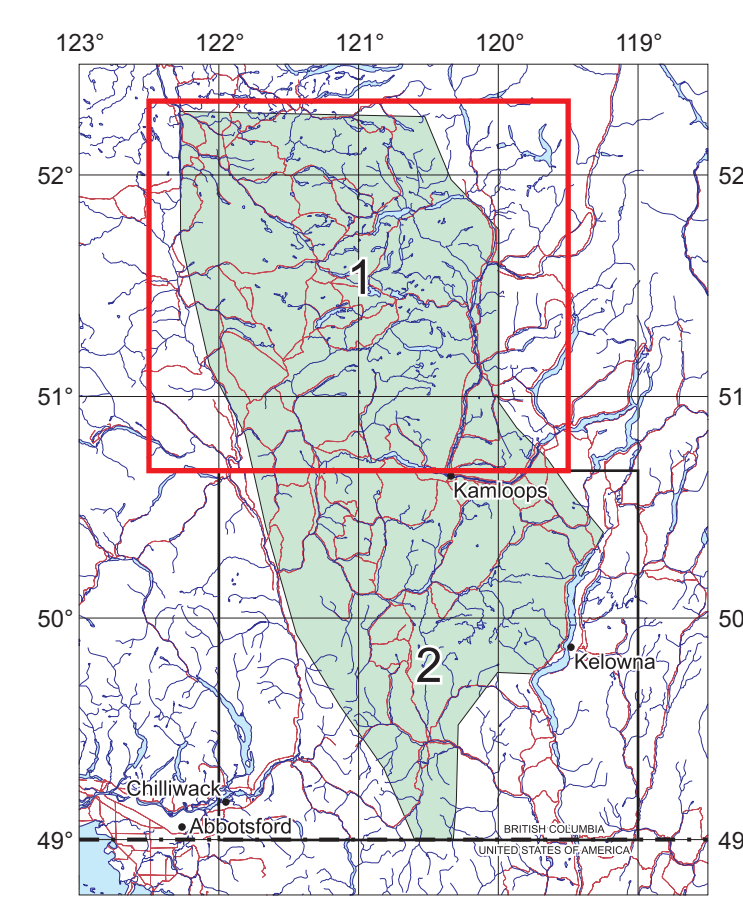
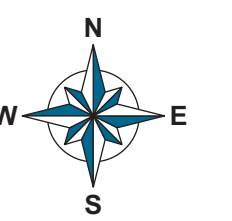


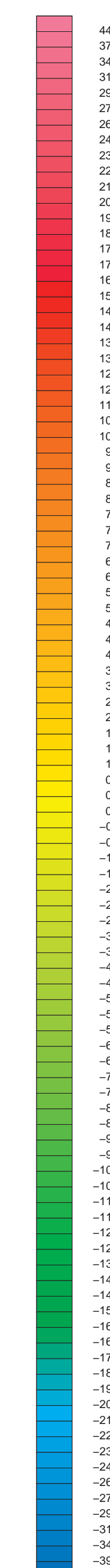
MAP 1

First Vertical Derivative of the
Terrain Corrected Bouguer Gravity
with Shadow (Eötvös)

Illumination: Inclination 70°, Declination 70°



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 slope |
| 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 2009, 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

First Vertical Derivative of the
Terrain Corrected Bouguer Gravity with Shadow (Eötvös)

MAP 1

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

Flown and compiled by: