



The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) 1:50,000 Topographic Map Series (Topographic Map Series) data. This map is derived from the topographic map series. The map is derived from the topographic map series.

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Grid North  
NAD83-Zone 18

Scale 1:50,000

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Scale 1:50,000

57112.4  
56977.7  
56807.8  
56655.5  
56515.8  
56380.2  
56248.5  
56116.0  
55984.3  
55854.8  
55726.3  
55599.3  
55476.7  
55356.8  
55239.0  
55123.3  
55009.0  
54896.3  
54784.3  
54673.2  
54563.0  
54453.6  
54344.8  
54236.6  
54129.0  
54022.0  
53915.5  
53809.5  
53704.0  
53599.0  
53494.5  
53390.5  
53287.0  
53184.0  
53081.5  
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50007.5  
50005.5  
50003.5  
50001.5  
50000.0

TMI  
nT

TMI Contour Interval  
10nT  
20nT  
100nT  
500nT

Building  
Rail  
Roads / Trails  
Pipeline  
Transmission Line  
Sand  
Bull Up Area  
Mining Claims  
Wetland  
Lake

In the time  
Current Waveform  
17.00 sec  
Time (sec)

High Conductance Response  
Low Conductance Response

Schematic of Transmitter and Receiver waveforms

Geoscience BC

SURVEY SPECIFICATIONS:  
Survey from: July 29 - October 10, 2008  
Traverse line spacing: 4000 metres  
Traverse line direction: 90°/270°  
Nominal EM bird height: 30 metres  
Aircraft: Aerospacelab Luma 3150 (C-GWAO)  
INSTRUMENTATION:  
Data acquisition: ADAS & RMS DGR-33  
Magnetometer: Geometrics G-824, caesium vapour  
Installation: Towed bird 31 m above EM bird  
Sensitivity: .001 nanoTesla  
Electromagnetic: AeroTEM III System (Mila)  
Configuration: Towed bird  
NAVIGATION:  
Navigation: Differential Global Positioning System (DGPS)  
Navigation equipment: AGNAV with MID-TECH RX4000 receiver  
Radar Altimeter: Terra TRA3000TRI-30  
POSITIONING:  
Datum: NAD83  
Major Axis: 6378137.000  
Eccentricity: 0.081819191  
MAP PROJECTION:  
Projection: Universal Transverse Mercator  
Central Meridian: 12°W (Zone 9)  
Central Scale Factor: 0.9996  
False Easting/Northing: 500,000.0m

scale 1:250,000

Geoscience BC  
British Columbia

TOTAL MAGNETIC INTENSITY  
Quest West, Plate 1, Blocks A-C

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TMI Plate 1