



North Arrow

Grid North
NAD83 Zone 9

The topographic data base was derived from 1:50,000 NRC (Natural Resources Canada) data.
Top contours derived from NASA SRTM Shuttle Radar Topography Mission data.
Inset map derived from Natural Resources Canada Atlas of Canada Base Map.

This map accompanies the technical report entitled Report on a
Helicopter Borne Magnetic and Electromagnetic Survey,
Quest West, by Aerogeomatics Surveys, January 2008.

British Columbia
Alberta
Washington
Oregon
Idaho
Montana
Wyoming
Utah
Nevada
California
Arizona
New Mexico
Texas
Louisiana
Mississippi
Alabama
Georgia
Florida
South Carolina
North Carolina
Virginia
Maryland
Delaware
Pennsylvania
New Jersey
New York
Connecticut
Rhode Island
Massachusetts
Vermont
New Hampshire
Maine
Nova Scotia
New Brunswick
Prince Edward Island
Quebec
Ontario
Manitoba
Saskatchewan
Alberta
British Columbia
Yukon
Northwest Territories
 Nunavut

Scale 1:16,000,000

100 200 300
Kilometres
Miles

AEROTEM 2 Off-Time Profiles
positive excursion to top and right, 1mm=25nT/s

- 25 Time Gate 211 μ s
- 26 Time Gate 238 μ s
- 27 Time Gate 261 μ s
- 28 Time Gate 280 μ s
- 29 Time Gate 300 μ s
- 30 Time Gate 320 μ s
- 31 Time Gate 340 μ s
- 32 Time Gate 360 μ s
- 33 Time Gate 380 μ s
- 34 Time Gate 400 μ s
- 35 Time Gate 420 μ s
- 36 Time Gate 440 μ s
- 37 Time Gate 460 μ s
- 38 Time Gate 480 μ s
- 39 Time Gate 500 μ s
- 40 Time Gate 520 μ s
- 41 Time Gate 540 μ s
- 42 Time Gate 560 μ s
- 43 Time Gate 580 μ s
- 44 Time Gate 600 μ s
- 45 Time Gate 620 μ s
- 46 Time Gate 640 μ s
- 47 Time Gate 660 μ s
- 48 Time Gate 680 μ s
- 49 Time Gate 700 μ s
- 50 Time Gate 720 μ s
- 51 Time Gate 740 μ s
- 52 Time Gate 760 μ s
- 53 Time Gate 780 μ s
- 54 Time Gate 800 μ s
- 55 Time Gate 820 μ s
- 56 Time Gate 840 μ s
- 57 Time Gate 860 μ s
- 58 Time Gate 880 μ s
- 59 Time Gate 900 μ s
- 60 Time Gate 920 μ s
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- 62 Time Gate 960 μ s
- 63 Time Gate 980 μ s
- 64 Time Gate 1000 μ s
- 65 Time Gate 1020 μ s
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- 67 Time Gate 1060 μ s
- 68 Time Gate 1080 μ s
- 69 Time Gate 1100 μ s
- 70 Time Gate 1120 μ s
- 71 Time Gate 1140 μ s
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- 74 Time Gate 1200 μ s
- 75 Time Gate 1220 μ s
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- 78 Time Gate 1280 μ s
- 79 Time Gate 1300 μ s
- 80 Time Gate 1320 μ s
- 81 Time Gate 1340 μ s
- 82 Time Gate 1360 μ s
- 83 Time Gate 1380 μ s
- 84 Time Gate 1400 μ s
- 85 Time Gate 1420 μ s
- 86 Time Gate 1440 μ s
- 87 Time Gate 1460 μ s
- 88 Time Gate 1480 μ s
- 89 Time Gate 1500 μ s
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- 91 Time Gate 1540 μ s
- 92 Time Gate 1560 μ s
- 93 Time Gate 1580 μ s
- 94 Time Gate 1600 μ s
- 95 Time Gate 1620 μ s
- 96 Time Gate 1640 μ s
- 97 Time Gate 1660 μ s
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- 103 Time Gate 1780 μ s
- 104 Time Gate 1800 μ s
- 105 Time Gate 1820 μ s
- 106 Time Gate 1840 μ s
- 107 Time Gate 1860 μ s
- 108 Time Gate 1880 μ s
- 109 Time Gate 1900 μ s
- 110 Time Gate 1920 μ s
- 111 Time Gate 1940 μ s
- 112 Time Gate 1960 μ s
- 113 Time Gate 1980 μ s
- 114 Time Gate 2000 μ s
- 115 Time Gate 2020 μ s
- 116 Time Gate 2040 μ s
- 117 Time Gate 2060 μ s
- 118 Time Gate 2080 μ s
- 119 Time Gate 2100 μ s
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- 167 Time Gate 3060 μ s
- 168 Time Gate 3080 μ s
- 169 Time Gate 3100 μ s
- 170 Time Gate 3120 μ s
- 171 Time Gate 3140 μ s
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- 510 Time Gate 9920 μ s
- 511 Time Gate 9940 μ s
- 512 Time Gate 9960 μ s
- 513 Time Gate 9980 μ s
- 514 Time Gate 10000 μ s

18 On-time Channels
Current Waveform
1T Off-time Channels
High Confidence Response
Low Confidence Response

Schematic of Transmitter and Receiver waveforms

Geoscience BC
British Columbia

AEROTEM
OFF-TIME PROFILES
Quest West, Plate 1, Blocks A-C

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January 2009

EM Plate 1