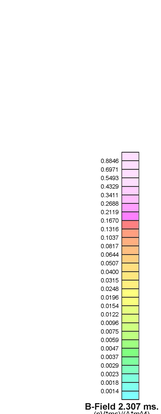
GEOTECH LTD.

SURVEY SPECIFICATIONS:
- Survey Date: February 25th & 26th, 2006
- Survey Base: Timmins, Ontario
- Aircraft: Aerospatiale A-Star 350 FX-2 (C-FBTW)
- Nominal Survey Line Spacing: 100 Meters
- Nominal Survey Line Direction: N 90° E
- Nominal Tie Line Spacing: 1000 Meters
- Nominal Tie Line Direction: N 0° E
- Nominal Terrain Clearance: 52 Meters
- EM Loop: Towed 42 meters beneath the Helicopter
- Magnetic Sensor: Towed 15 meters under the Helicopter

INSTRUMENTS:
- Geotech Time Domain Electromagnetic System (VTEM)
- Concentric RxTx Geometry
- Transmitter Loop: Diameter 26 Meters,Base Frequency 30 Hz
- Dipole Moment: 416,000 NIA
- Transmitter Wave Form: Trapezoid, Pulse Width 7.3 ms.
- Geometrics High Sensitivity Cesium Magnetometer
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION:
- Datum: WGS 84
- Projection: Universal Transverse Mercator
- Central Meridian: 81°W (Zone 17)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m
- Major Axis: 6378137.000
- Eccentricity: 0.081819191
- NTS: 042A11



B-Field 2.307 ms.
(pV*ms)/(A*m^4)

TOPOGRAPHIC LEGEND:
- Railway
- Transmission Lines
- Trails
- Roads
- Rivers & Streams
- Lakes
- Wetlands
- Ontario Mining Claims

Scale 1:10000
100 0 100 200 300 400 500
(meters)
WGS 84 / UTM zone 17N

The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data
Background shading is derived from NASA SRTM (Shuttle Radar Topography Mission) data
Inset data derived from Geocommunities 1:250,000 Canadian National Topographic database
(www.geogratis.ca) (www.geocomm.com)

Explor Resources Inc.
Kidd Township Project
Timmins, Ontario

Geotech VTEM System
VTEM B-FIELD CHANNEL 27
TIME GATE 2.307 ms.

Flown and processed by Geotech Ltd.
245 Industrial Parkway North,
Aurora, Ontario, Canada L4G 4C4
www.geotech.ca

APRIL 2008

Geotech Project # 8065

GEOTECH LTD.

SURVEY SPECIFICATIONS:

- Survey Date: February 25th & 26th, 2008
- Survey Base: Timmins, Ontario
- Aircraft: Aerospatiale A-Star 350 FX-2 (C-FBTW)
- Nominal Survey Line Spacing: 100 Meters
- Nominal Survey Line Direction: N 90° E
- Nominal Tie Line Spacing: 1000 Meters
- Nominal Tie Line Direction: N 0° E
- Nominal Terrain Clearance: 52 Meters
- EM Loop: Towed: 42 meters beneath the Helicopter
- Magnetic Sensor: Towed 15 meters under the Helicopter

INSTRUMENTS

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- Transmitter Loop: Diameter 26 Meters,Base Frequency 30 Hz
- Dipole Moment: 416,000 NIA
- Transmitter Wave Form: Trapezoid, Pulse Width 7.3 ms.
- Geometrics High Sensitivity Cesium Magnetometer
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION

- Datum: WGS 84
- Projection: Universal Transverse Mercator
- Central Meridian: 81°W (Zone 17)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m
- Major Axis: 6378137.000
- Eccentricity: 0.081819191
- NTS: 042A11

Profiles scale 1 mm = 0.1 (pV*rms)/(IA*m*4)

(Linear between +/- 0.5 (pV*rms)/(IA*m*4)
logarithmic above 0.5 (pV*rms)/(IA*m*4)

- 0.234 ms (B-field)
- 0.281 ms (B-field)
- 0.339 ms (B-field)
- 0.406 ms (B-field)
- 0.494 ms (B-field)
- 0.573 ms (B-field)
- 0.692 ms (B-field)
- 0.818 ms (B-field)
- 0.974 ms (B-field)
- 1.181 ms (B-field)
- 1.370 ms (B-field)
- 1.641 ms (B-field)
- 1.953 ms (B-field)
- 2.307 ms (B-field)
- 2.745 ms (B-field)
- 3.286 ms (B-field)
- 3.911 ms (B-field)
- 4.620 ms (B-field)
- 5.495 ms (B-field)
- 6.578 ms (B-field)

TOPOGRAPHIC LEGEND:

- Railway
- Transmission Lines
- Trails
- Roads
- Rivers & Streams
- Lakes
- Wetlands
- Ontario Mining Claims

Scale 1:10000

100 0 100 200 300 400 500
(meters)
WGS 84 / UTM zone 17N

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Explor Resources Inc.
Kidd Township Project
Timmins, Ontario

Geotech VTEM System
VTEM B-FIELD PROFILES
TIME GATES 0.234 - 6.578 ms

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Aurora, Ontario, Canada L4G 4C4
www.geotech.ca

APRIL 2008

Geotech Project # 8060

GEOTECH LTD.

SURVEY SPECIFICATIONS:

- Survey Date: February 25th & 26th, 2008
- Survey Base: Timmins, Ontario
- Aircraft: Aerospatiale A-Star 350 FX-2 (C-FBTW)
- Nominal Survey Line Spacing: 100 Meters
- Nominal Survey Line Direction: N 90° E
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- Nominal Tie Line Direction: N 0° E
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INSTRUMENTS

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- Concentric Rx/Tx Geometry
- Transmitter Loop: Diameter 26 Meters,Base Frequency 30 Hz
- Dipole Moment: 416,000 NIA
- Transmitter Wave Form: Trapezoid, Pulse Width 7.3 ms.
- Geometrics High Sensitivity Cesium Magnetometer
- Mag Resolution: 0.02 nT at 10 samples/sec

MAP PROJECTION

- Datum: WGS 84
- Projection: Universal Transverse Mercator
- Central Meridian: 81°W (Zone 17)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m
- Major Axis: 6378137.000
- Eccentricity: 0.081819191
- NTS: 042A11

Profiles scale 1 mm = 0.1 (pV/A/m^4)
Linear between +/- 0.1 (pV/A/m^4)
logarithmic above 0.1 (pV/A/m^4)

- 0.234 ms
- 0.281 ms
- 0.339 ms
- 0.406 ms
- 0.494 ms
- 0.573 ms
- 0.682 ms
- 0.818 ms
- 0.974 ms
- 1.151 ms
- 1.370 ms
- 1.641 ms
- 1.953 ms
- 2.307 ms
- 2.745 ms
- 3.286 ms
- 3.911 ms
- 4.629 ms
- 5.496 ms
- 6.578 ms

TOPOGRAPHIC LEGEND:

- Railway
- Transmission Lines
- Trails
- Roads
- Rivers & Streams
- Lakes
- Wetlands
- Ontario Mining Claims

Scale 1:10000

100 0 100 200 300 400 500 (meters)
NAD 83 / UTM zone 17N

The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data
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(www.geogratis.cti) (www.geocomm.com)

Explor Resources Inc.
Kidd Township Project
Timmins, Ontario

Geotech VTEM System
VTEM dB/dt PROFILES
TIME GATES 0.234 - 6.578 ms

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APRIL 2008

Geotech Project # 8060

GEOTECH LTD.

SURVEY SPECIFICATIONS:
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- Central Meridian: 81°W (Zone 17)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m
- Major Axis: 6378137.000
- Eccentricity: 0.081819191
- NTS: 042A11

TMI
(nT)
58106
57262
57122
57077
57050
57031
57015
56999
56984
56974
56962
56950
56939
56929
56922
56914
56907
56900
56894
56889
56886
56882
56879
56875
56872
56869
56866
56863
56861
56859
56856
56853
56850
56847
56843
56839
56837
56834
56831
56774

TMI Contour intervals:
- 5 nT
- 20 nT
- 100 nT

TOPOGRAPHIC LEGEND:
- Railway
- Transmission Lines
- Trails
- Roads
- Rivers & Streams
- Lakes
- Wetlands
- Ontario Mining Claims

Scale 1:10000
100 0 100 200 300 400 500
(meters)
WGS 84 / UTM zone 17N

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Explor Resources Inc.
Kidd Township Project
Timmins, Ontario

Geotech VTEM System
TOTAL MAGNETIC INTENSITY

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Aurora, Ontario, Canada L4G 4C4
www.geotech.ca

APRIL 2008

Geotech Project # 8080