

LEGEND

SURVEY SPECIFICATIONS
 Survey Flown: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00 / 180 degrees
 Control Line Azimuth: 90 / 270 degrees
 Survey Line Spacing: 100m
 Control Line Spacing: 100m
 Aircraft Mean Terrain Clearance: 60.1m
 Mean Ground Speed: 60.1 m/s

AIRCRAFT SPECIFICATIONS
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GGLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG 132
 GPS Real Time Correction: Omnistar
 Radar Altimeter: Bendix / King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS - 2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION
 Data Acquisition: Kroum V S Instruments SDAS v2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Delu Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

PROCESSING SUMMARY:

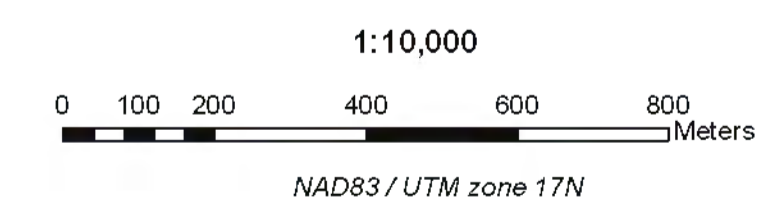
MAGNETICS:
 Diurnal Correction
 Microleveling

XDS VLF/EM:
 Invert / Normalise
 3rd Order Trend Removal
 Microleveling

TOPOGRAPHY SOURCE:
 Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000

Flight Line Notation: Lnnn >

- L - Survey Line
- T - Tie Line
- nnn - Line Number
- > Flight Direction



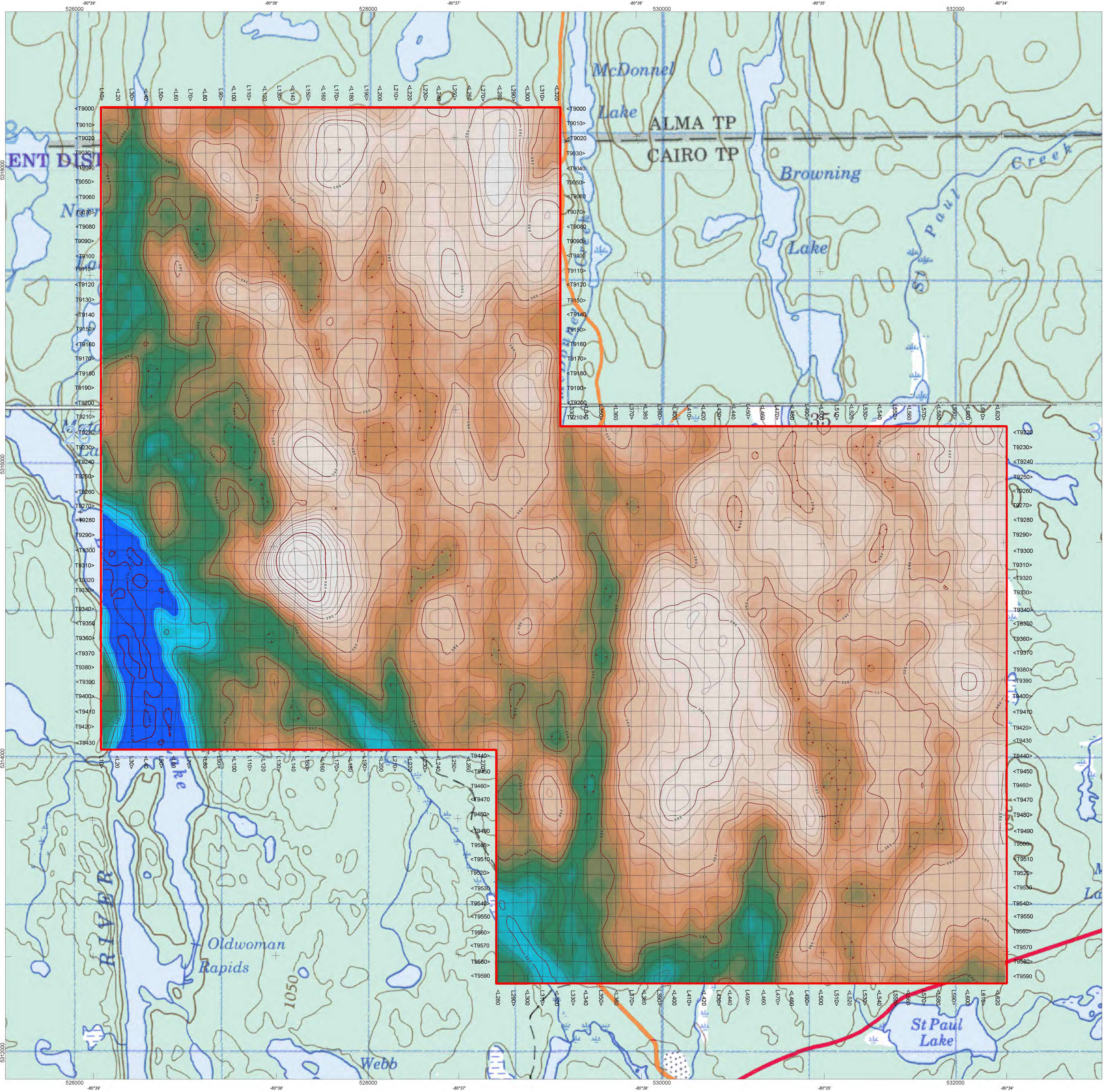
PRO MINERALS INC.

CAIRO TOWNSHIP SURVEY
KIRKLAND LAKE, ONTARIO
 NTS MAPSHEET 41P/15, 42A/02

CLAIM STATUS

Data acquired and processed by Terraquest Ltd.
 Survey Flown: March 14th - March 16th, 2011

Terraquest Ltd. Ref#: B348-01



Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Kroum V S Instruments SDAS v2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Delu Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

PROCESSING SUMMARY:
 MAGNETICS:
 Diurnal Correction
 Microlevelling

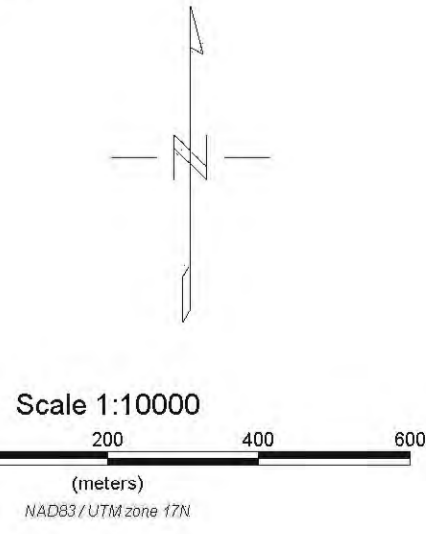
XDS VLF/EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

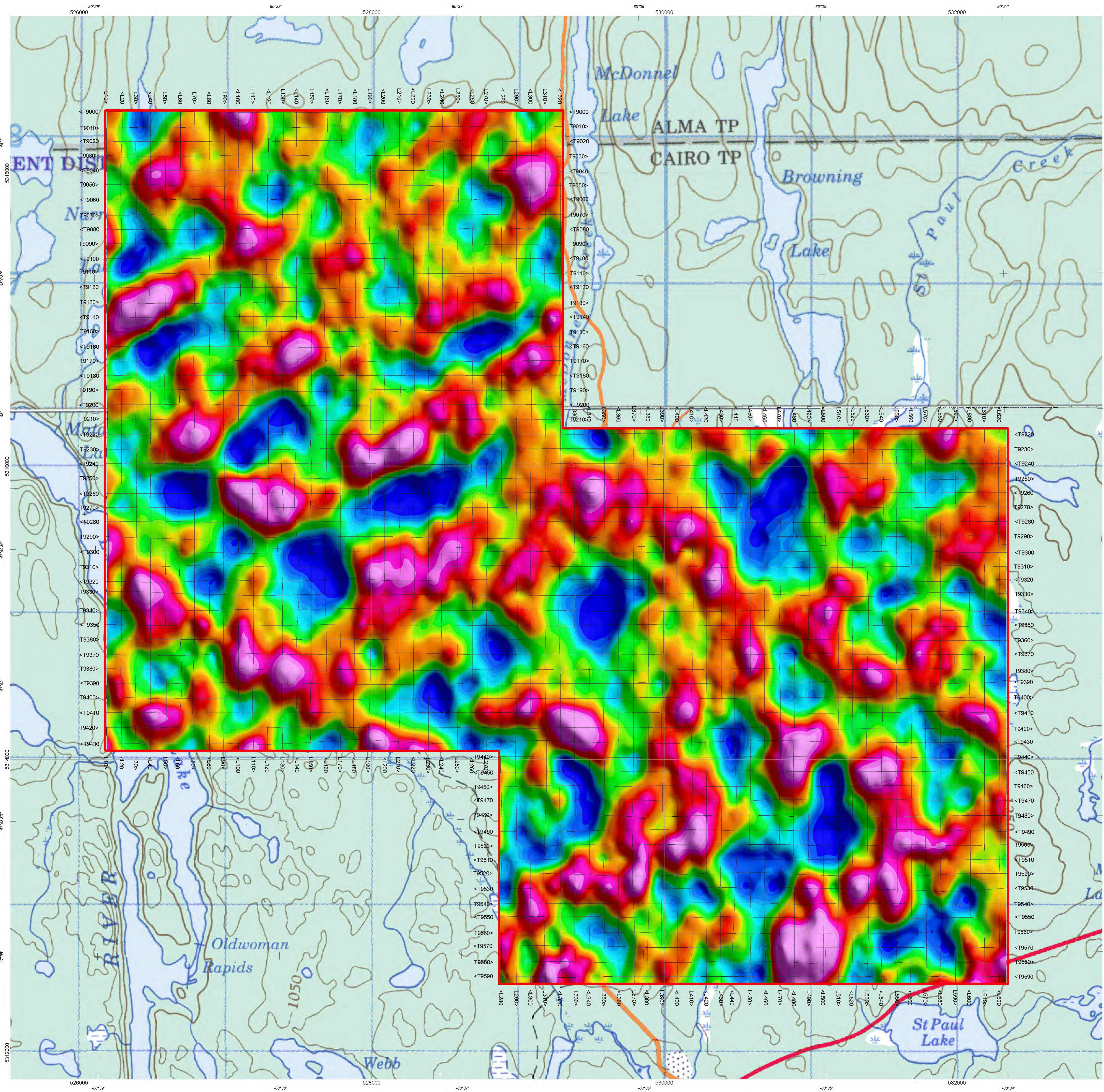
Cell Size: 25 m
 Contour Intervals: 5, 20, 100 m

Topography Source: Canmetrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction





Location Map

SURVEY SPECIFICATIONS
 Survey Flown: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00183 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Kroum V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Deluo Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

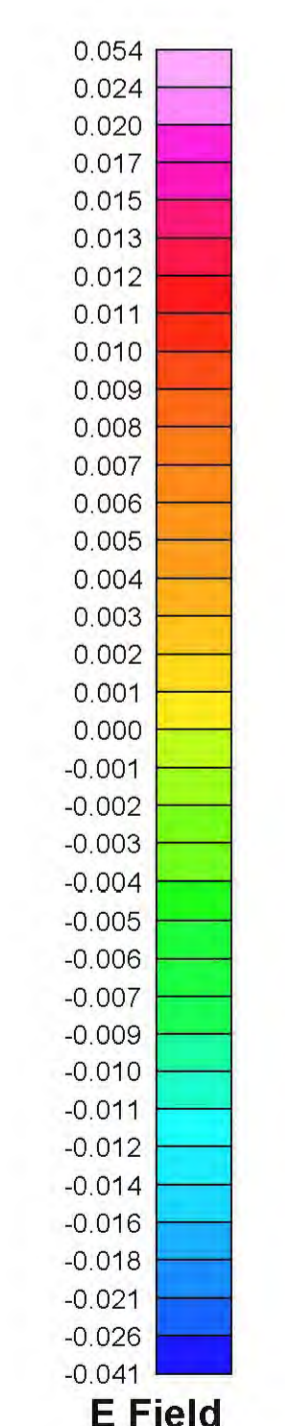
PROCESSING SUMMARY:

MAGNETICS:
 Diurnal Correction
 Microlevelling

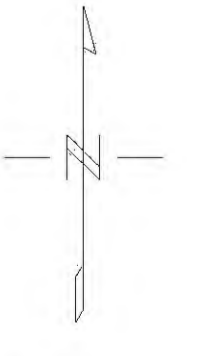
XDS VLF/EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

Cell Size: 25 m

Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000

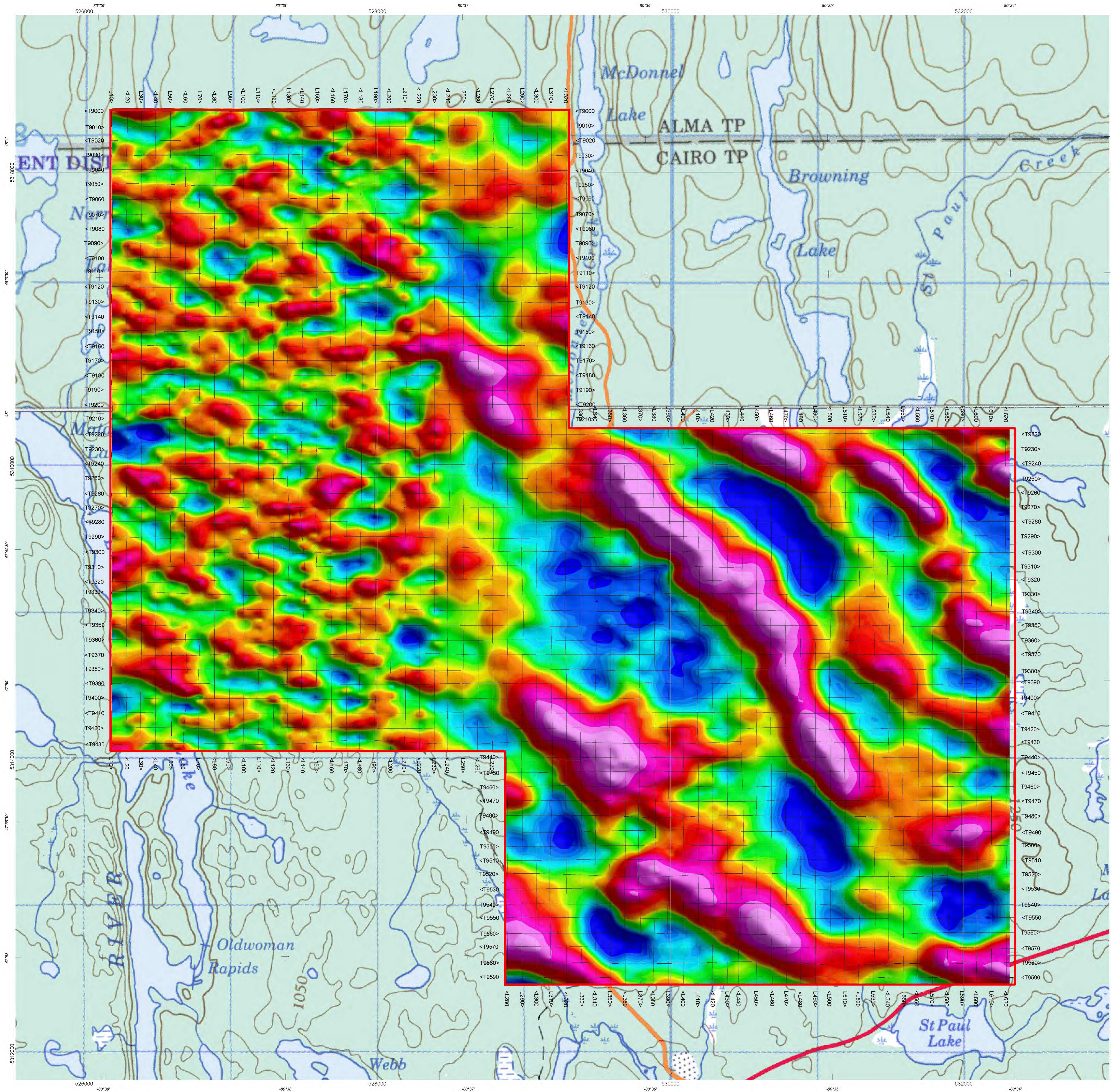


Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction



PRO MINERALS INC.
 Cairo Township Survey
 Kirkland Lake, ON
 EXPERIMENTAL ELECTRIC FIELD (24 kHz)

from East/West Flown Lines
 Data acquired and processed by Terraquest Ltd.
 Survey Flown: March 14 - March 16, 2011
 Terraquest Ltd. Ref#: B348-15B



Location Map

SURVEY SPECIFICATIONS
 Survey Flown: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Krom V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Deluo Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

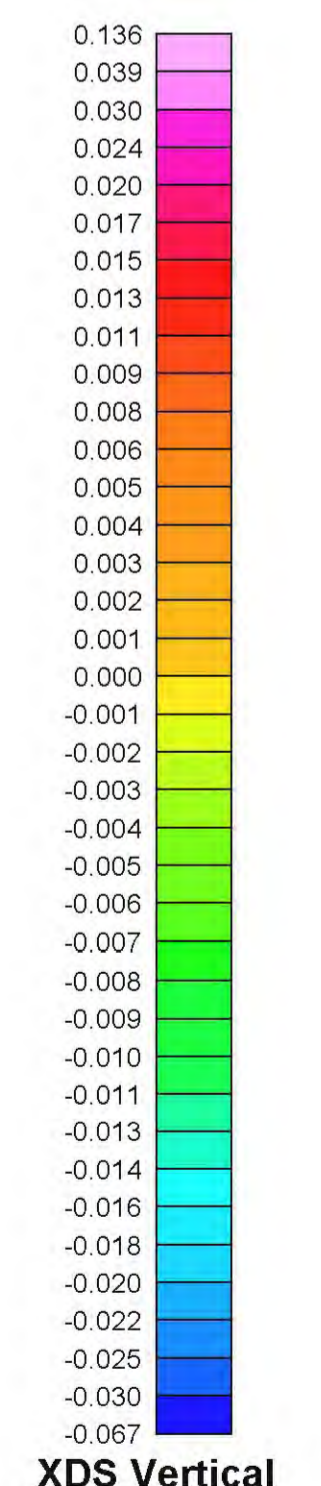
PROCESSING SUMMARY:

MAGNETICS:
 Diurnal Correction
 Microlevelling

XDS VLF-EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

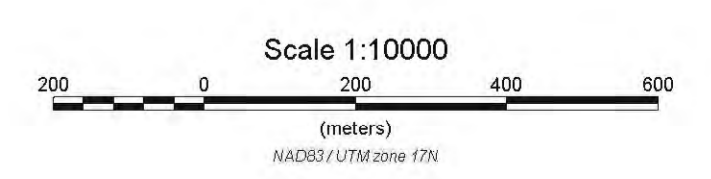
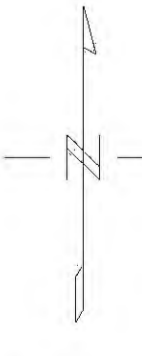
Cell Size: 25 m

Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



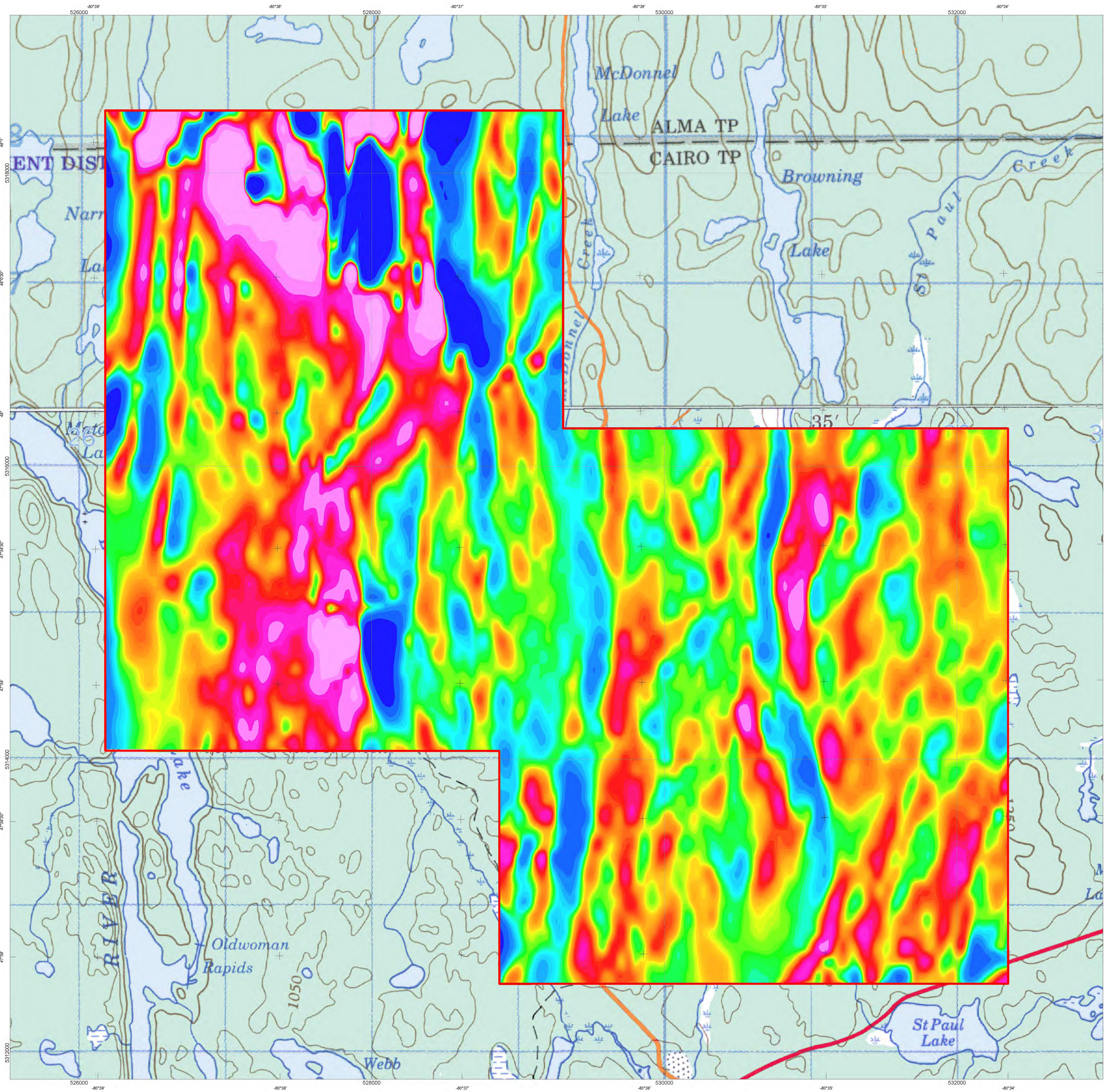
XDS Vertical volts

Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction



PRO MINERALS INC.
 Cairo Township Survey
 Kirkland Lake, ON
 EXPERIMENTAL ELECTRIC FIELD (24 kHz)

from North/South Flown Lines
 Data acquired and processed by Terraquest Ltd.
 Survey Flown: March 14 - March 16, 2011
 Terraquest Ltd. Ref#: B348-15A



Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Kroum V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Deluo Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

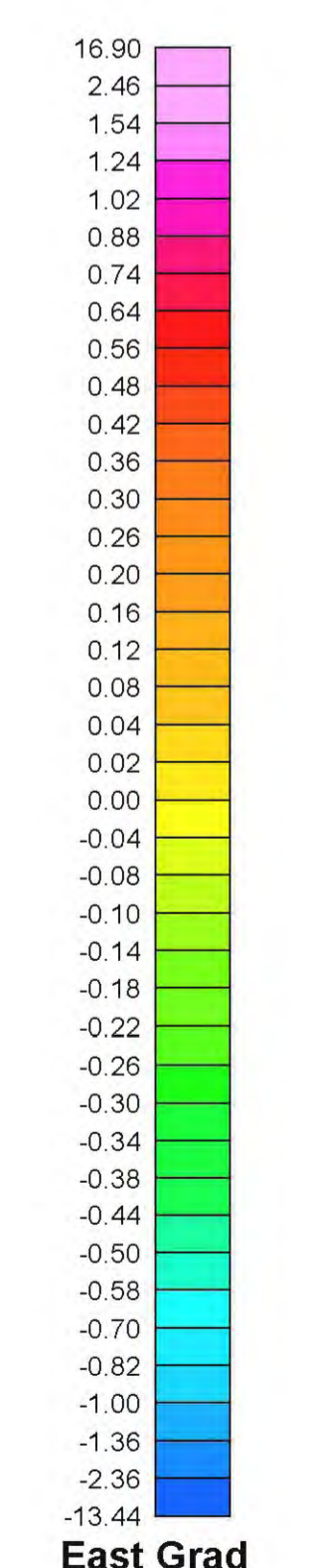
PROCESSING SUMMARY:

MAGNETICS:
 Diurnal Correction
 Microlevelling

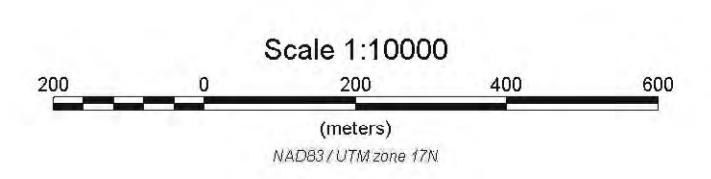
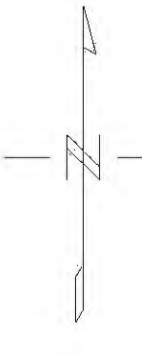
XDS VLF-EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

Cell Size: 20 m Bidirectional gridding
 Contour Intervals: 0.2, 1, 5 nT/m

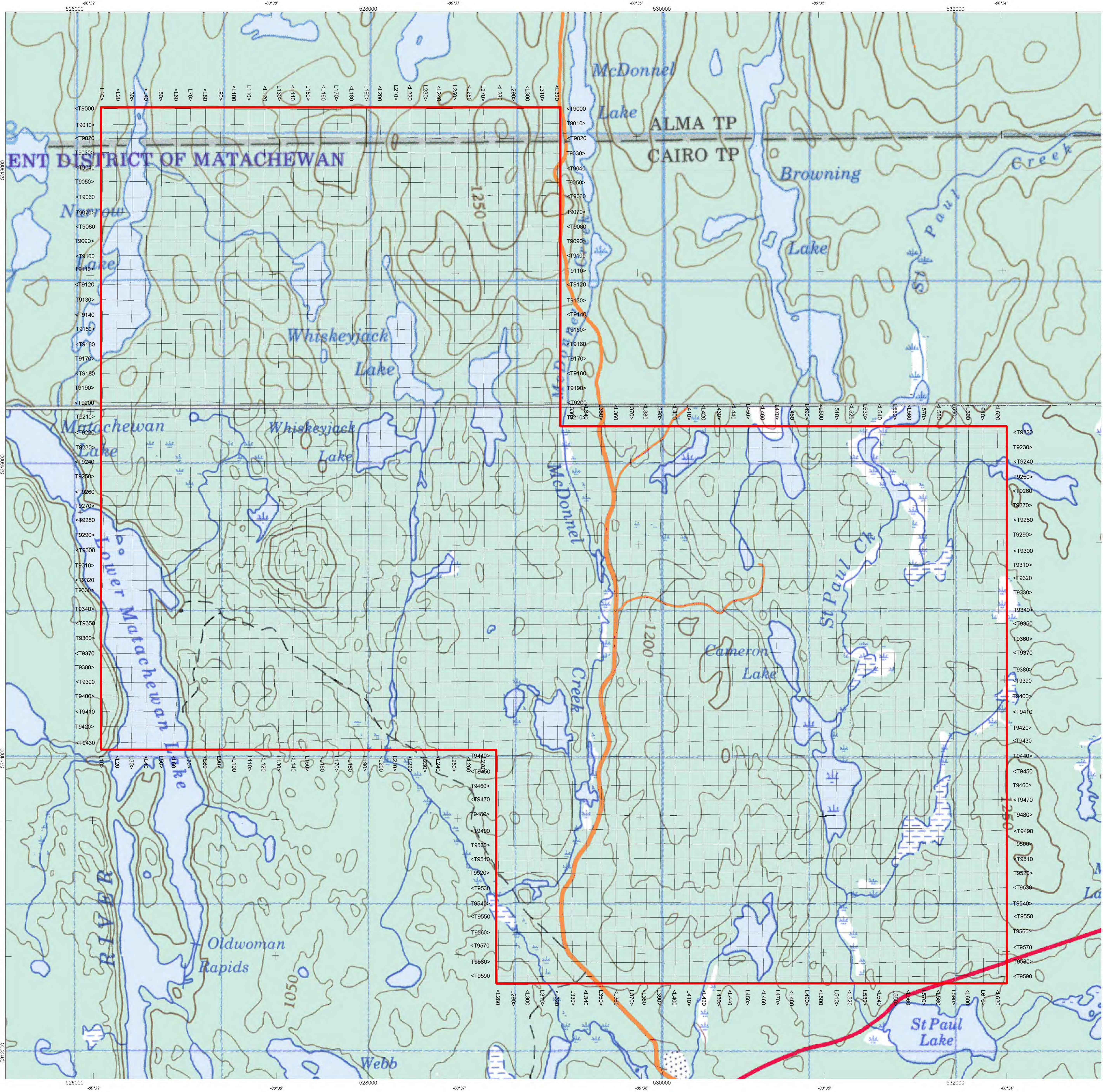
Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction



PRO MINERALS INC.
 Cairo Township Survey
 Kirkland Lake, ON
EAST HORIZONTAL GRADIENT (nT/m)
 from Along-Line Gradient of East/West Lines
 and Transverse Gradient of North/South Lines
 Data acquired and processed by Terraquest Ltd.
 Survey Flow: March 14 - March 16, 2011
 Terraquest Ltd. Ref#: B348-04



Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degree
 Control Line Azimuth: 90/270 Degree
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJGLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Caesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Krom V S Instruments SDAS v2
 Magnetometer: Scintrex CS-2 Caesium Vapour
 GPS Receiver: Delux Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

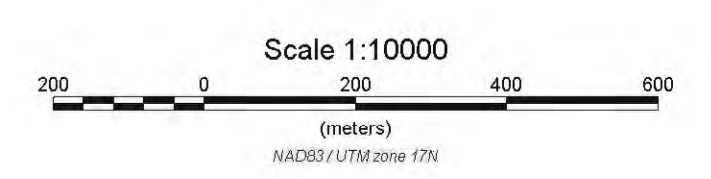
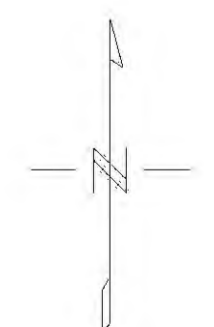
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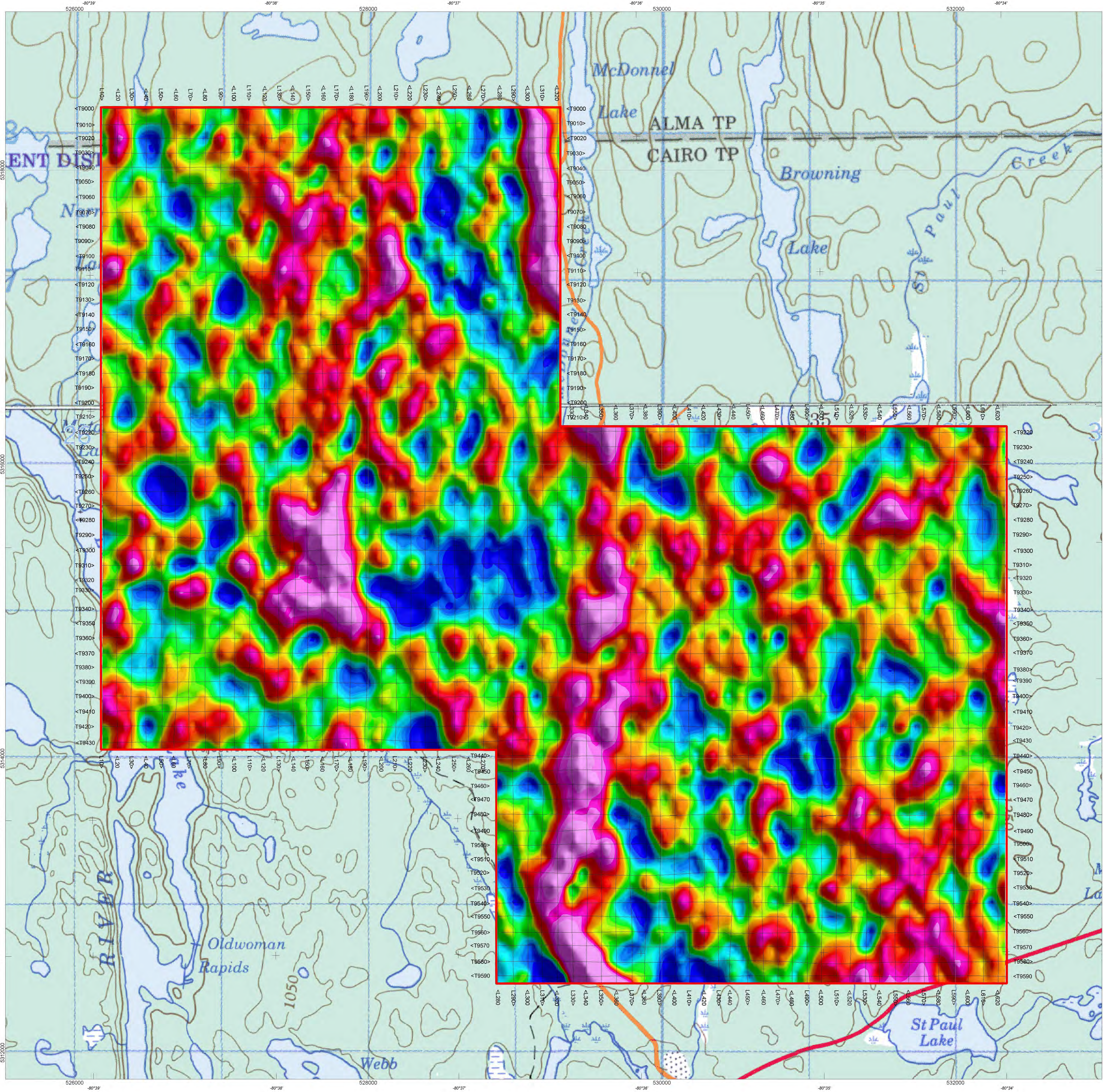
MAGNETICS:
 Diurnal Correction
 Microlevelling

XDS VLF/EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000

Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn line number
 > flight direction





Location Map

SURVEY SPECIFICATIONS
 Survey Flown: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GGLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION
 Data Acquisition: RMS Instruments DAARC 500
 GPS Real Time Correction: Trimble AG132
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

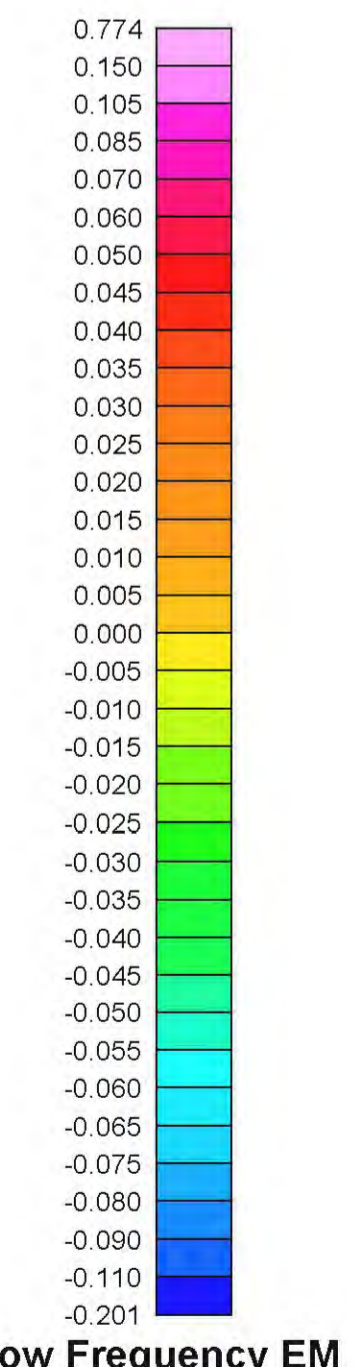
AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION
 Data Acquisition: Kroum V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Deluo Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

PROCESSING SUMMARY:
 MAGNETICS:
 Diurnal Correction
 Microlevelling

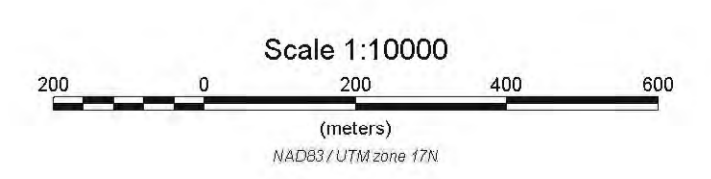
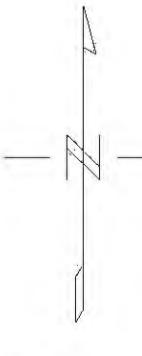
XDS VLF/EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

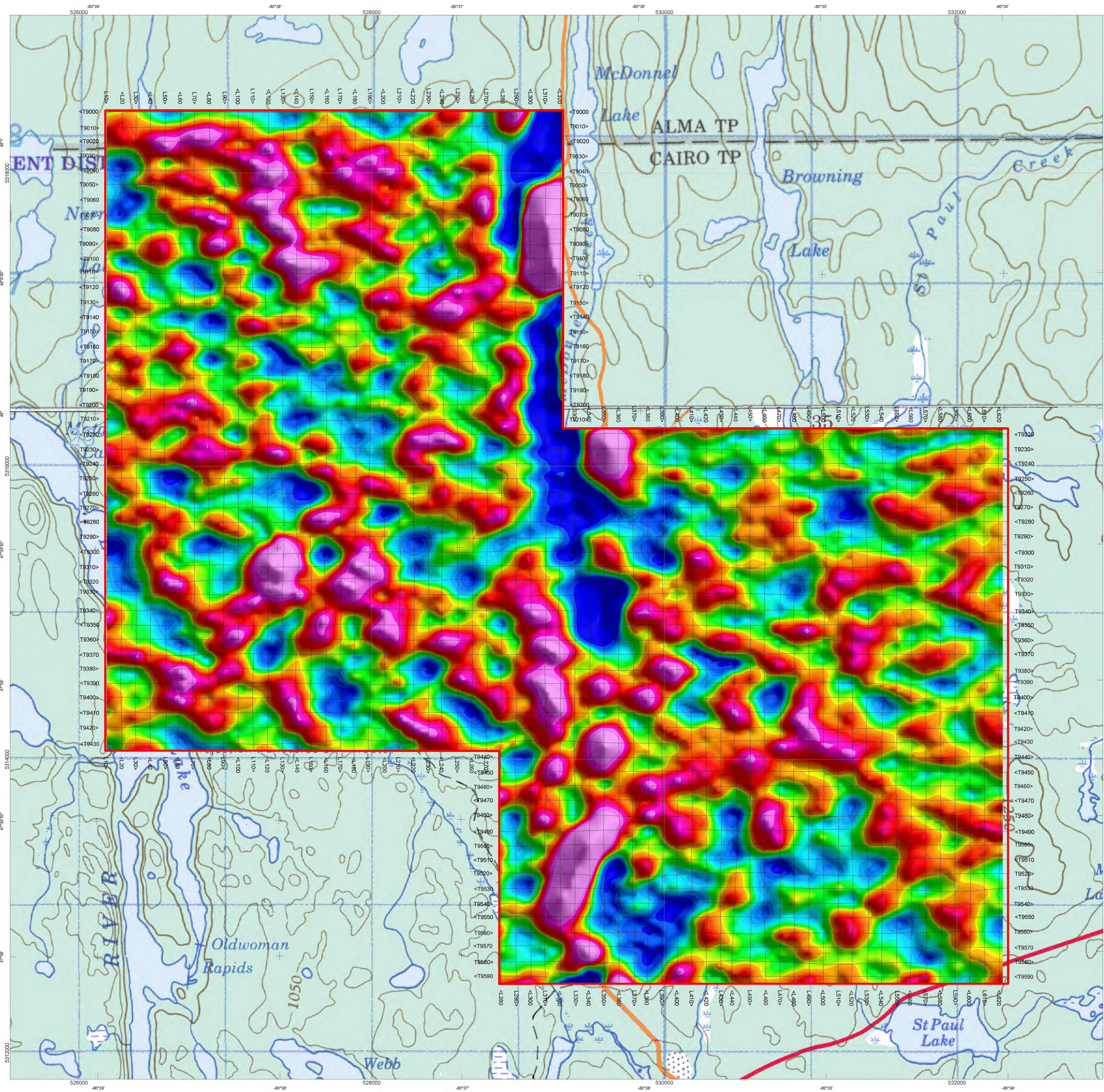
Cell Size: 25 m
 Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



Low Frequency EM (volts)

Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction





Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degree
 Control Line Azimuth: 90/270 Degree
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Krom V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Delu Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

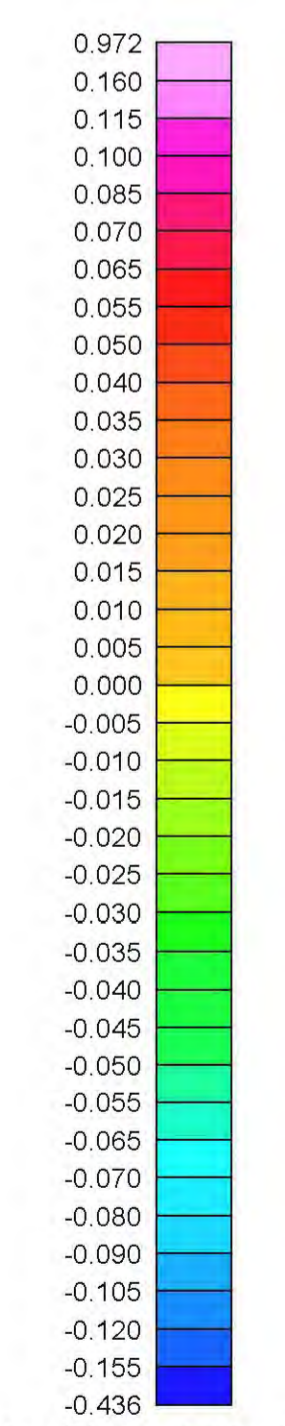
PROCESSING SUMMARY:

MAGNETICS:
 Diurnal Correction
 Microlevelling

XDS VLF-EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

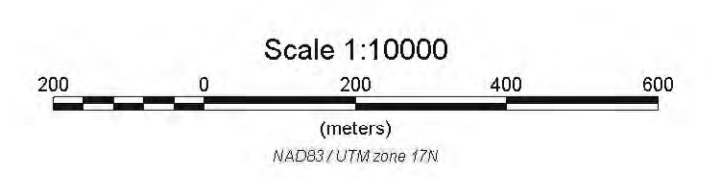
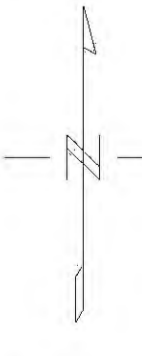
Cell Size: 25 m

Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



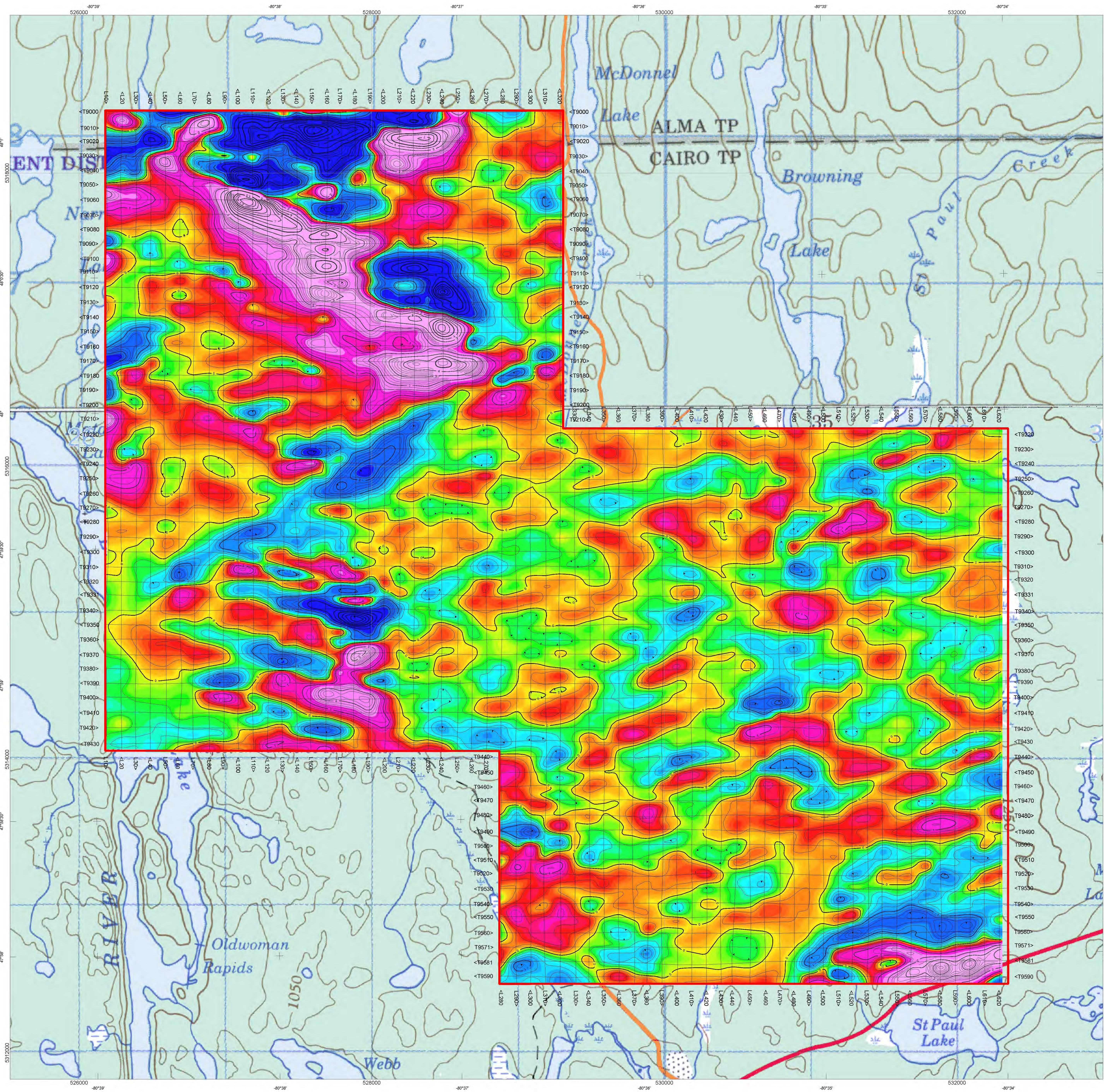
Low Frequency EM (volts)

Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction



PRO MINERALS INC.
 Cairo Township Survey
 Kirkland Lake, ON
 EXPERIMENTAL LOW FREQUENCY EM FIELD (20-400 Hz)

from North/South Flow Lines
 Data acquired and processed by Terraquest Ltd.
 Survey Flow: March 14 - March 16, 2011
 Terraquest Ltd. Ref#: B348-14A



Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00183 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS:
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION:
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bendix/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION:
 Data Acquisition: Krom V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Delux Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

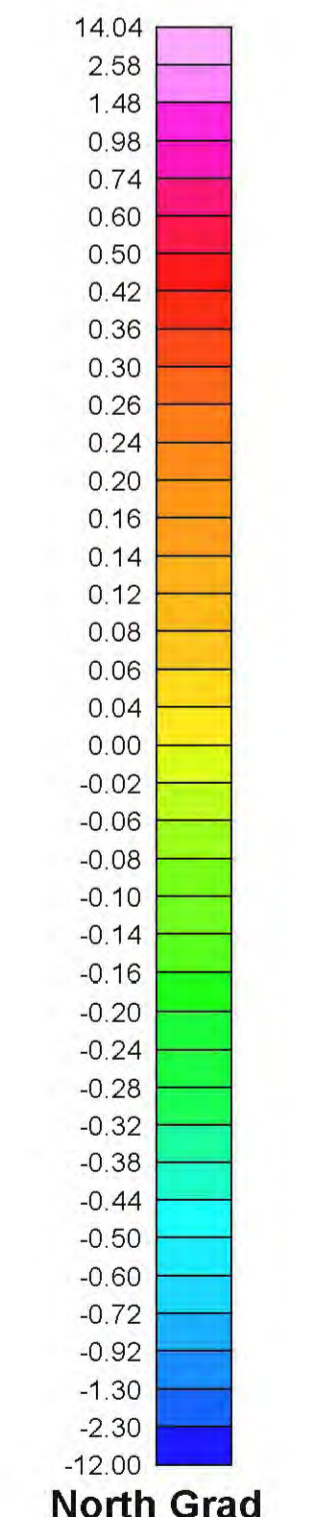
PROCESSING SUMMARY:

MAGNETICS:
 Diurnal Correction
 Microlevelling

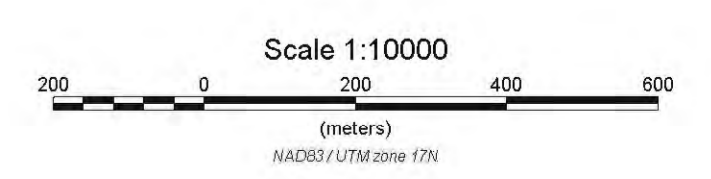
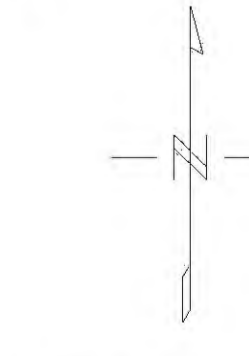
XDS VLF-EM:
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

Cell Size: 20 m Bidirectional Gridding
 Contour Intervals: 0.2, 1, 5 nT/m

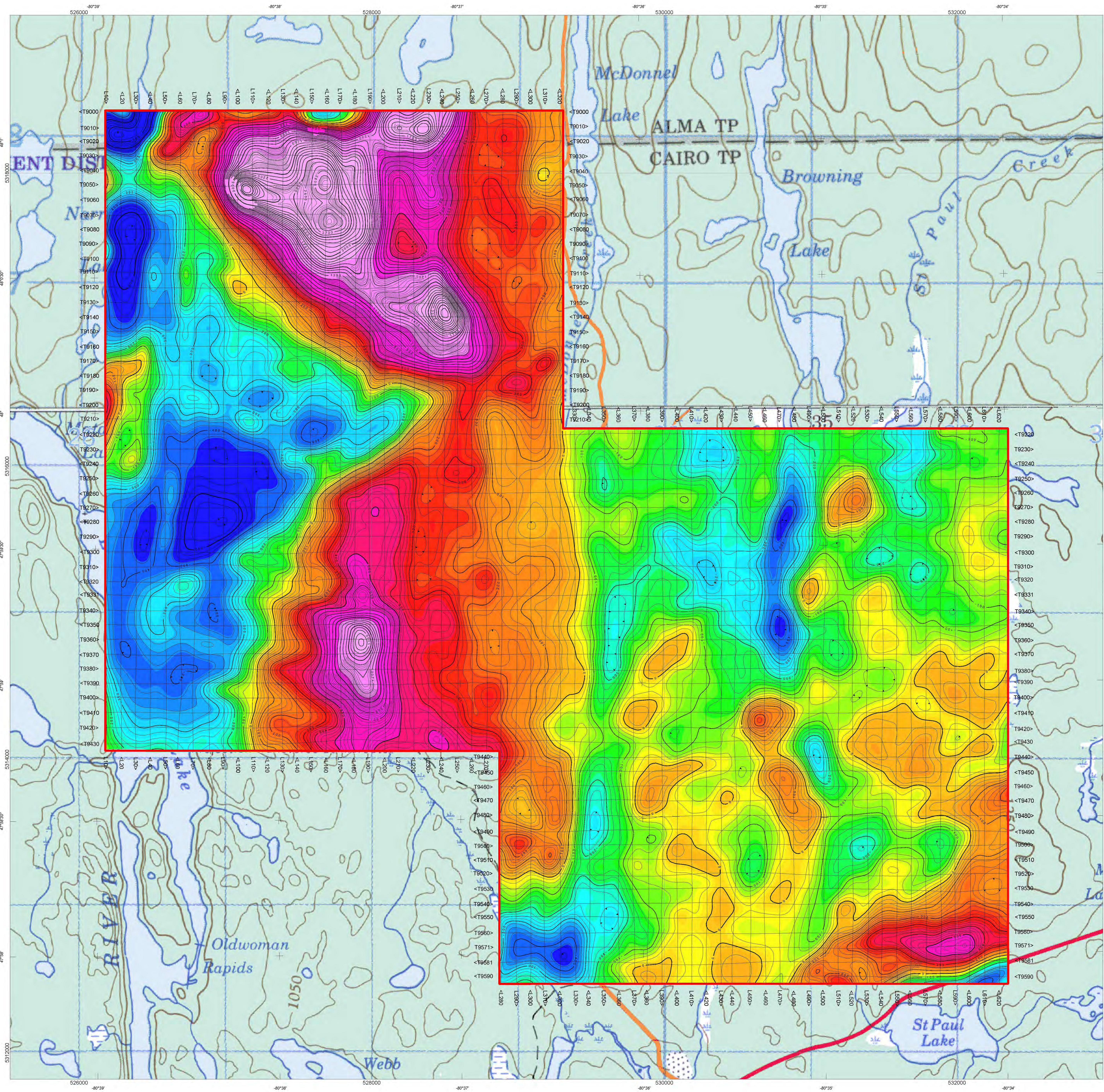
Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn line number
 > flight direction



PRO MINERALS INC.
 Cairo Township Survey
 Kirkland Lake, ON
NORTH HORIZONTAL GRADIENT (nT/m)
 from Along-Line Gradient of North/South Lines
 and Transverse Gradient of East/West Lines
 Data acquired and processed by Terraquest Ltd.
 Survey Flow: March 14 - March 16, 2011
 Terraquest Ltd. Ref#: B348-05



Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degrees
 Control Line Azimuth: 90/270 Degrees
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: BendixKing KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Cesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION
 Data Acquisition: Krom V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Cesium Vapour
 GPS Receiver: Deluo Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

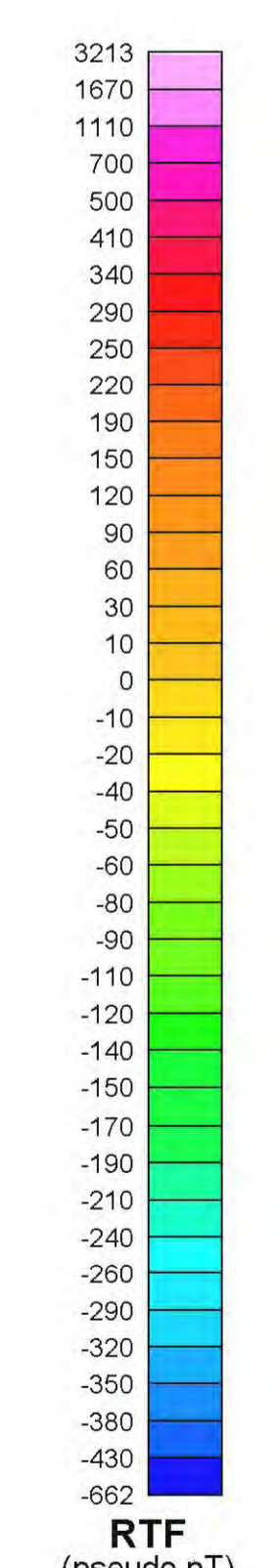
PROCESSING SUMMARY:

MAGNETICS
 Diurnal Correction
 Microlevelling

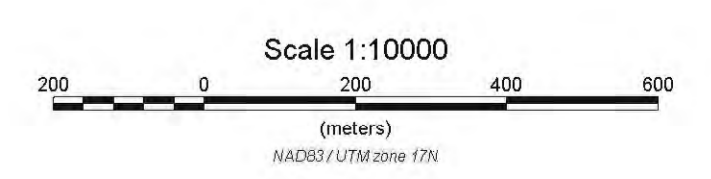
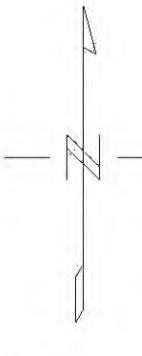
XDS VLF-EM
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

Cell Size: 20 m
 Contour Intervals: 25, 100, 500 nT

Topography Source: Canmatrix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



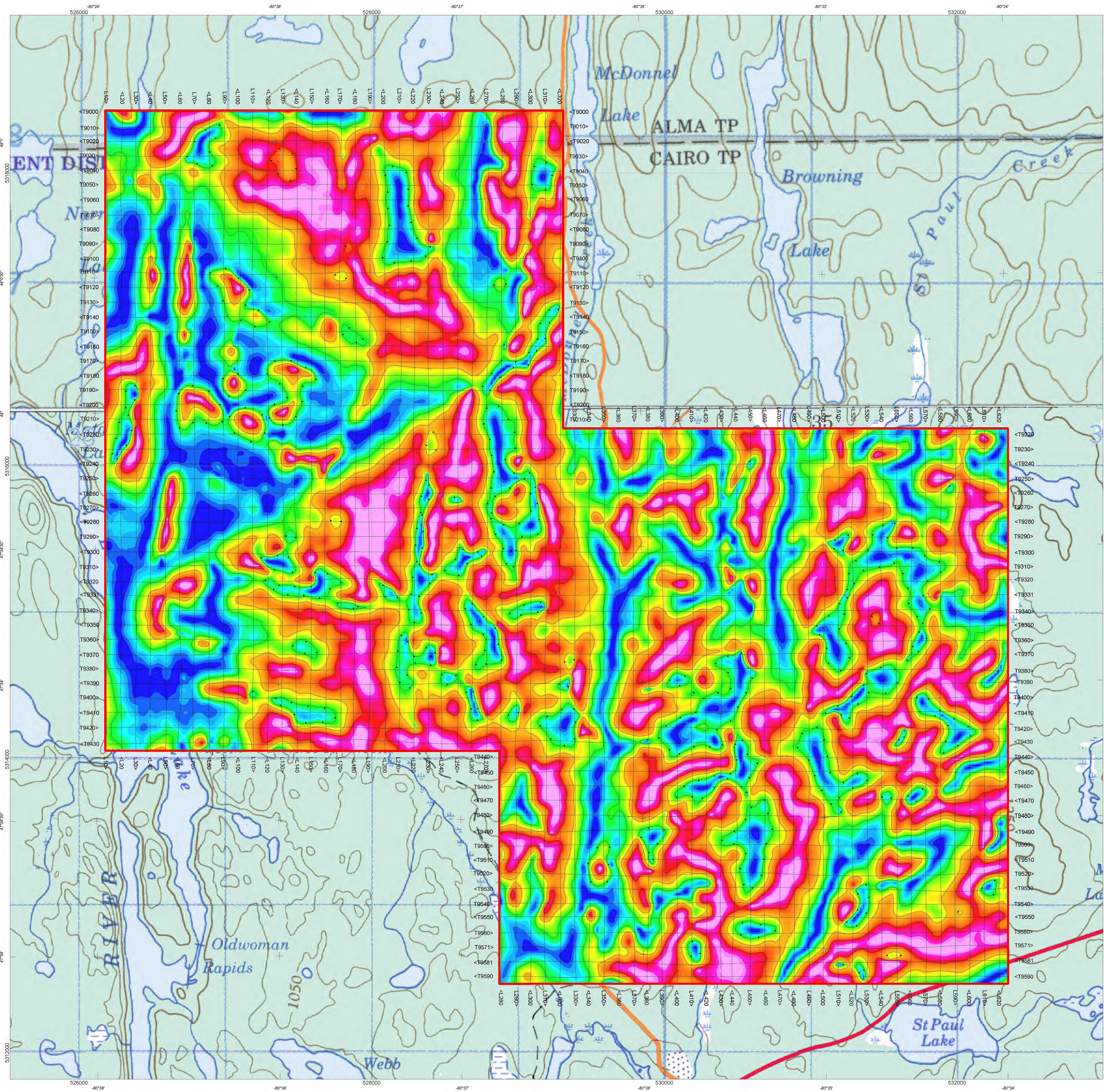
Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn - line number
 > - flight direction



PRO MINERALS INC.
 Cairo Township Survey
 Kirkland Lake, ON
RECONSTRUCTED TOTAL FIELD (pseudo nT)

From East Along-Track Gradient and
 North Transverse Gradient
 Data acquired and processed by Terraquest Ltd.
 Survey Flow: March 14 - March 16, 2011

Terraquest Ltd. Ref#: B348-08



Location Map

SURVEY SPECIFICATIONS
 Survey Flow: March 14-16, 2011
 Survey Type: Fixed Wing Horizontal Gradiometry
 Survey Operations Base: Kirkland Lake, ON
 Survey Line Azimuth: 00180 Degree
 Control Line Azimuth: 90/270 Degree
 Survey Line Spacing: 100 m
 Control Line Spacing: 100 m
 Aircraft Mean Terrain Clearance: 60.1 m
 Mean Ground Speed: 61.0 m/s

AIRCRAFT SPECIFICATIONS
 Aircraft Type: Cessna U206
 Aircraft Registration: C-GJLS
 Aircraft Speed: 220 km/hr

AIRBORNE INSTRUMENTATION
 Data Acquisition: RMS Instruments DAARC 500
 GPS Differential Receiver: Trimble AG132
 GPS Real Time Correction: OmniStar
 Radar Altimeter: Bend/King KRA-10A
 Fluxgate Magnetometer: Billingsly TFM100
 VLF-EM: Terraquest XDS VLF, 3 Independent Orthogonal Coils
 Navigation: AgNav Inc. LINAV

AIRBORNE MAGNETOMETERS (3)
 Magnetometers: Scintrex CS-2/3 Caesium Vapour
 Magnetometer Sensitivity: +/- 0.005nT
 Magnetometer Counter: RMS Instruments DAARC 500
 Installation: Wing Tips, Tail
 Wing Tip Magnetometer Separation: 13.5 metres
 Wing Centre - Tail Magnetometer Separation: 7.2 metres
 Sampling Rate: 10 Hz

GROUND INSTRUMENTATION
 Data Acquisition: Krom V S Instruments SDAS V2
 Magnetometer: Scintrex CS-2 Caesium Vapour
 GPS Receiver: Delux Universal 12 Channel
 Base Station Location: Kirkland Lake, ON

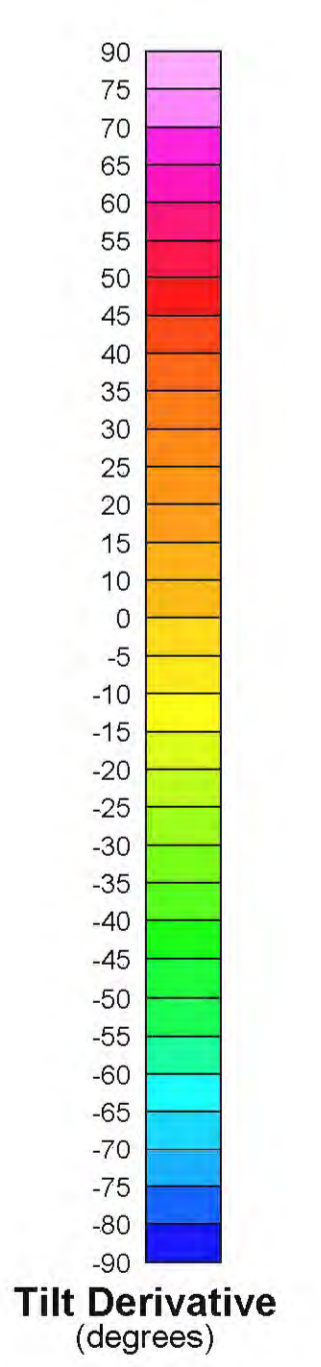
PROCESSING SUMMARY:

MAGNETICS
 Diurnal Correction
 Microlevelling

XDS VLF-EM
 Invert/Normalise
 3rd Order Trend Removal
 Microlevelling

Cell Size: 20 m
 Contour Intervals: 45 degrees

Topography Source: Canmetix, Natural Resources Canada
 Projection: NAD 83; Scale 1:50,000



Tilt Derivative (degrees)

Flight Line Notation: Lnnn >
 L - survey line, T - tie line
 nnn line number
 > flight direction

