

- —— INTERVAL CONTOUR 2.5 ppm
 - INTERVAL CONTOUR 10 ppm
 - INTERVAL CONTOUR 50 ppm

SURVEY SPECIFICATIONS

- -Line spacing: 200 m
- -Mean terrain clearance: 30 m
- -Line direction: N-S -Tie-line direction: E-W
- -Survey date: September 21st to 30th, 2007
- -Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

- -Map projection: UTM
- -Datum: NAD-83
- -UTM zone: 19 north
- -Central meridian: 69° west

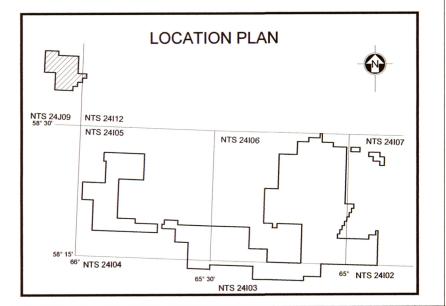
AIRCRAFT

- -Bell 206B, callsign: C-GMHT
- -Aircraft elevation (MTC): 60 m (nominal)
- -Average aircraft speed: 22.8 m/s
 -GPS receiver: Trimble AgGPS (WAAS)
- -GPS sample rate: 1.0 s

AIRBORNE VLF SYSTEM SPECIFICATIONS

- -Model: TOTEM-2A MULTI-CHANNEL
- -The VLF transmission antenna used was the
- NAA (24.0 kHz), in Cutler Maine
- -Accurate frequency selection: from 15kHz to 24 kHz;
- selectable for each channel in 100Hz steps
- -Sensitivity range: from 130 μ V/ m to 100 mV/m at
- 20 kHz; 3dB down at 14kHz and 25 kHz
- -VLF signal bandpass: -3 Db at ± 80 Hz;
- < 4 % variation at ± 50 Hz
- -Internal noise: 1.3 μV m RMS
- PROCESSING SPECIFICATIONS
- -Lag correction -Microlevelling

GM 64508



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY

VLF TOTAL FIELD (ppm)

Contract: M-07395 Scale: 1: 50000

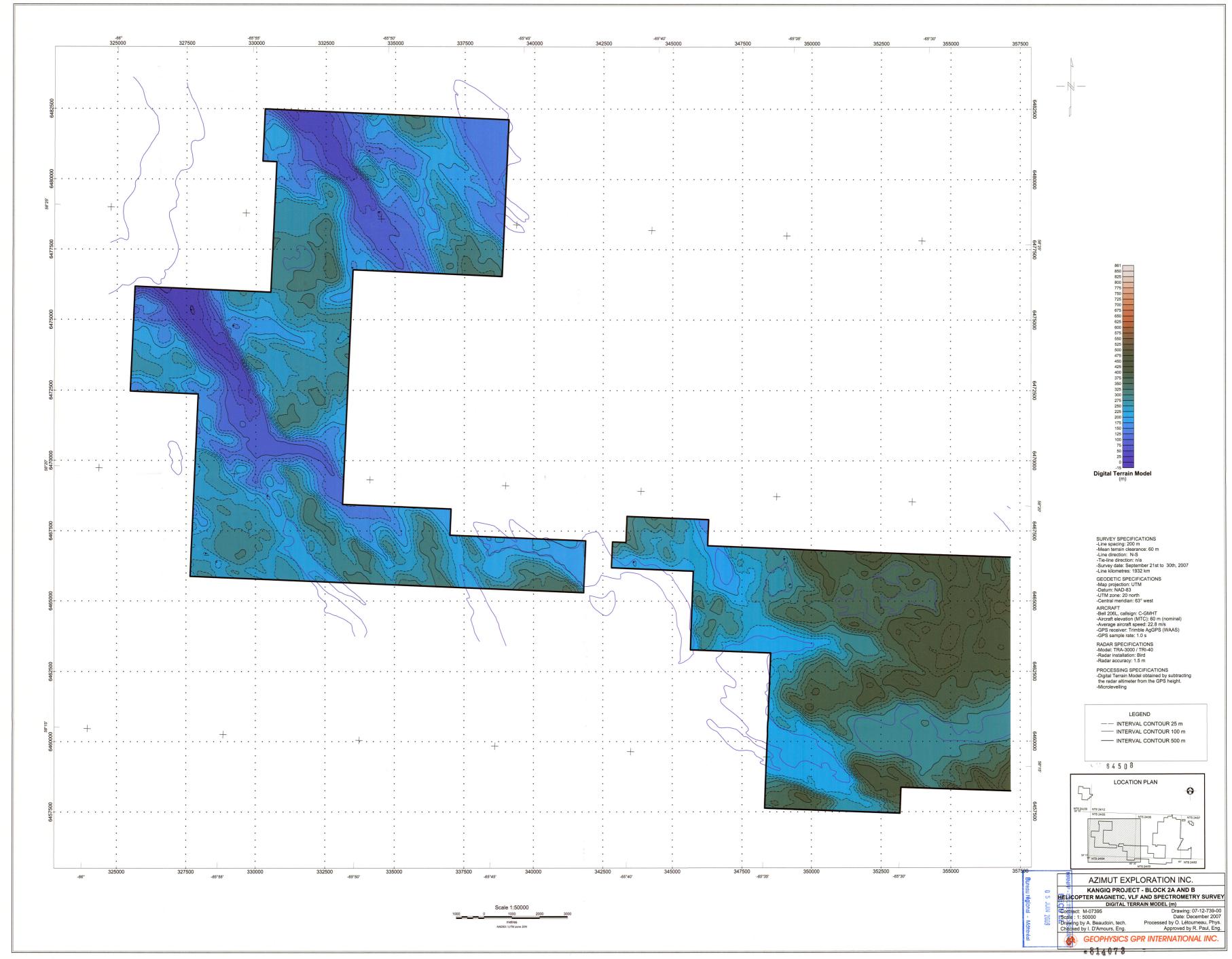
CHECKETBY PERMINES

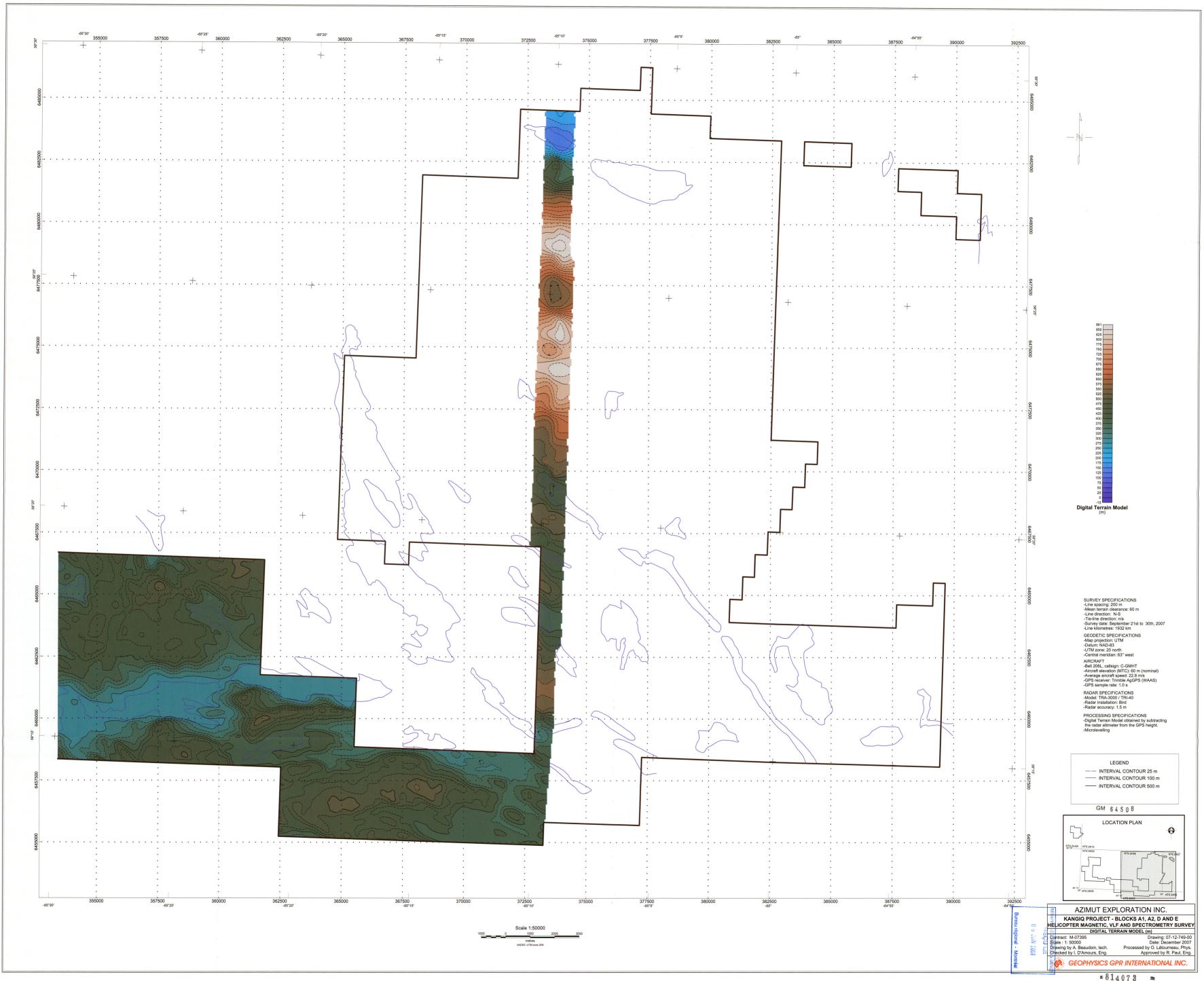
Date: December 2007 Processed by O. Létourneau, Phys. Approved by R. Paul, Eng.

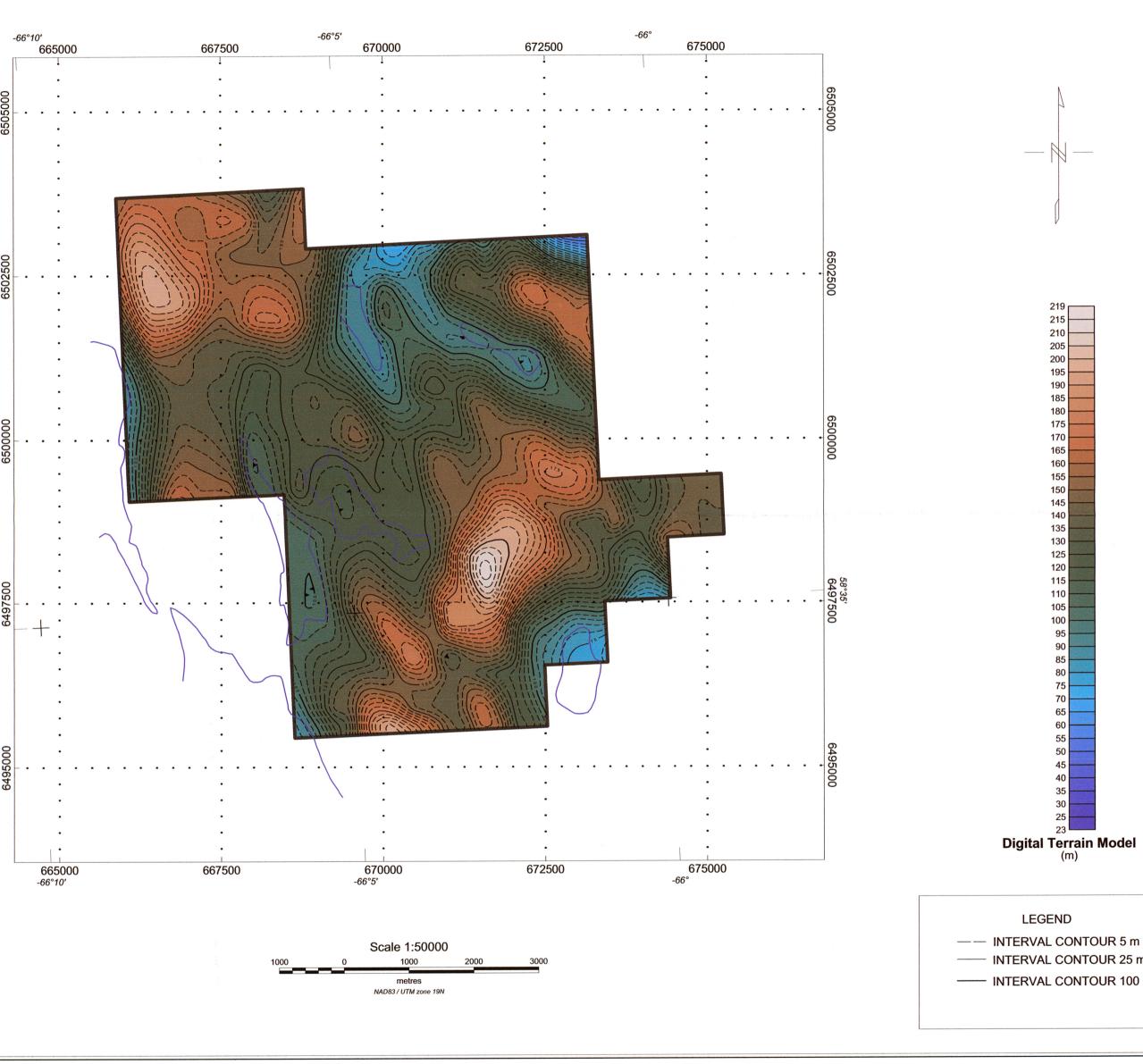
Drawing: 07-12-728-00

GEOPHYSICS GPR INTERNATIONAL INC.

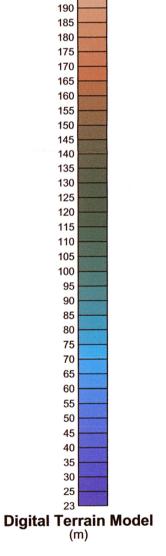
814073

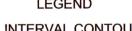












- INTERVAL CONTOUR 25 m
- INTERVAL CONTOUR 100 m

Contract: M-07395 Scale: 1: 50000 Drawing by A. Beaudoin, tech.

DIGITAL TERRAIN MODEL (m) Drawing: 07-12-729-00 Date: December 2007 Processed by O. Létourneau, Phys.

NTS 24107

CHECKED by P.ED A Mobilis P.EngMINES Approved by R. Paul, Eng. GEOPHYSICS GPR INTERNATIONAL INC

65° 30' NTS 24103

AZIMUT EXPLORATION INC. **KANGIQ PROJECT - BLOCK C**

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY

= 814073

SURVEY SPECIFICATIONS -Line spacing: 200 m

-Mean terrain clearance: 60 m

-Survey date: September 21st to 30th, 2007

-Line direction: N-S -Tie-line direction:E-W

-Map projection: UTM
-Datum: NAD-83 -UTM zone: 19 north -Central meridian: 69° west

AIRCRAFT

-Line kilometres: 1932 km GEODETIC SPECIFICATIONS

-Bell 206L, callsign: C-GMHT

-GPS sample rate: 1.0 s

-Radar installation: Bird

-Radar accuracy: 1.5 m

-Microlevelling

NTS 24J09 NTS 24I12

58° 15' NTS 24I04

RADAR SPECIFICATIONS -Model: TRA-3000 / TRI-40

PROCESSING SPECIFICATIONS

GM 64508

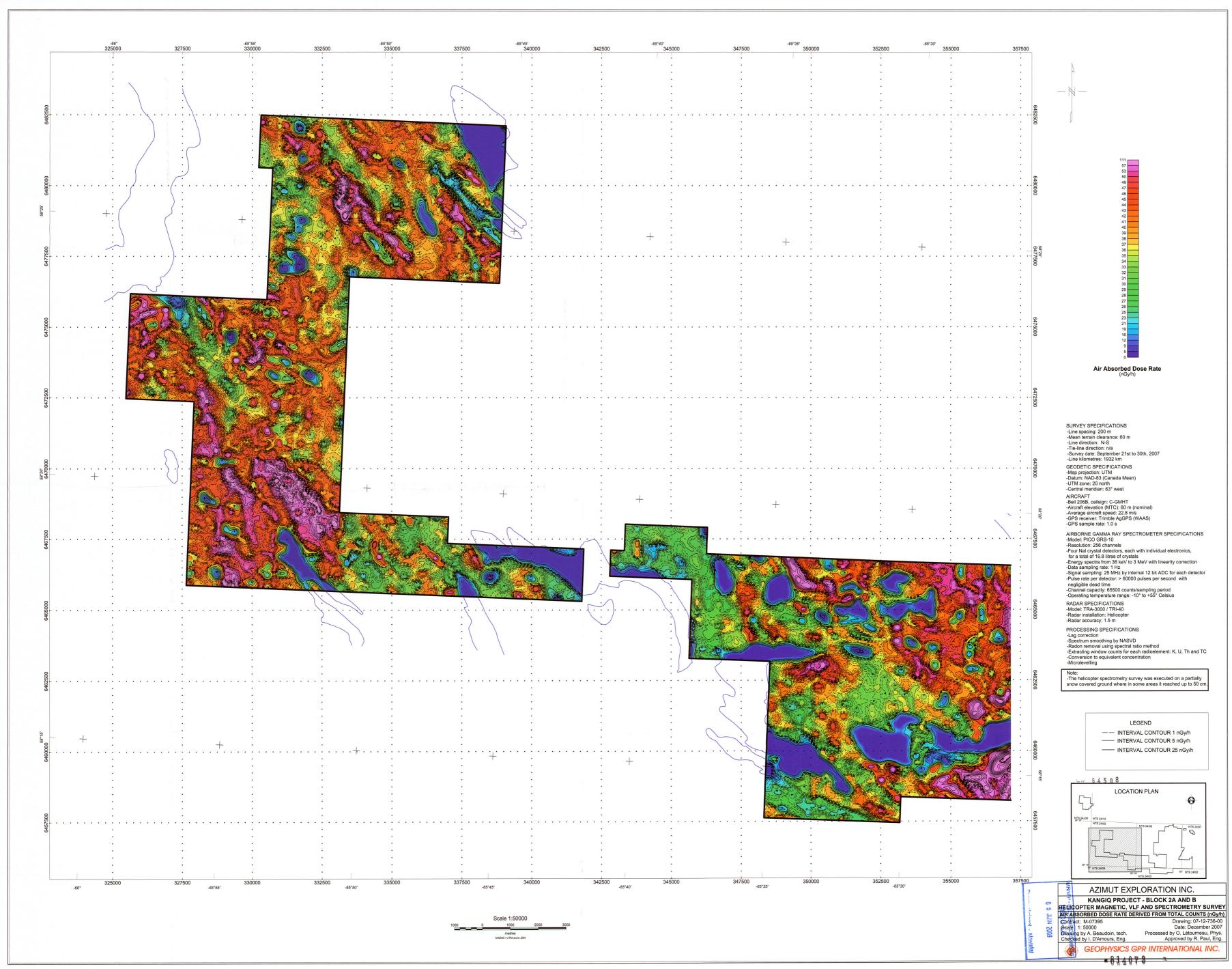
LOCATION PLAN

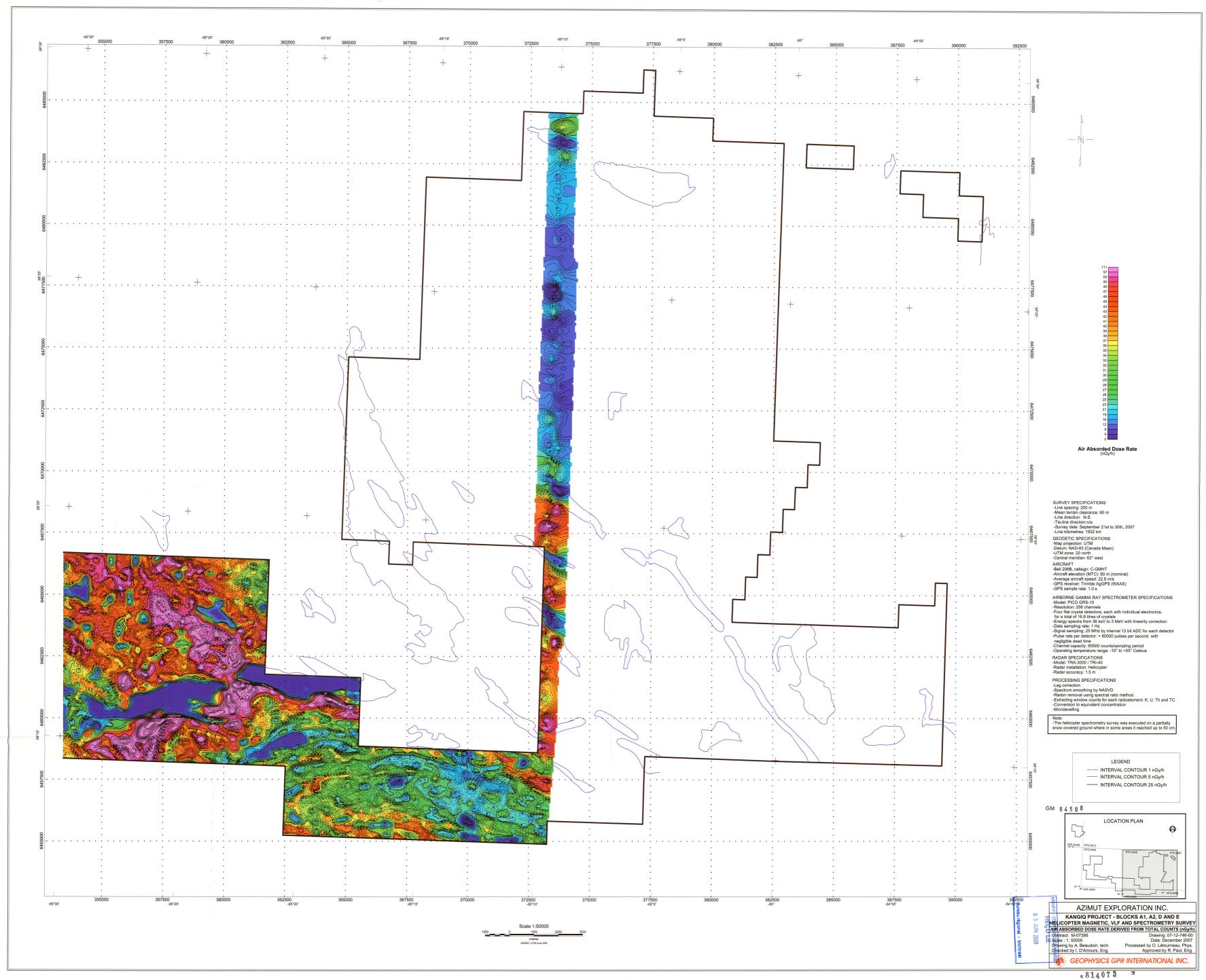
NTS 24106

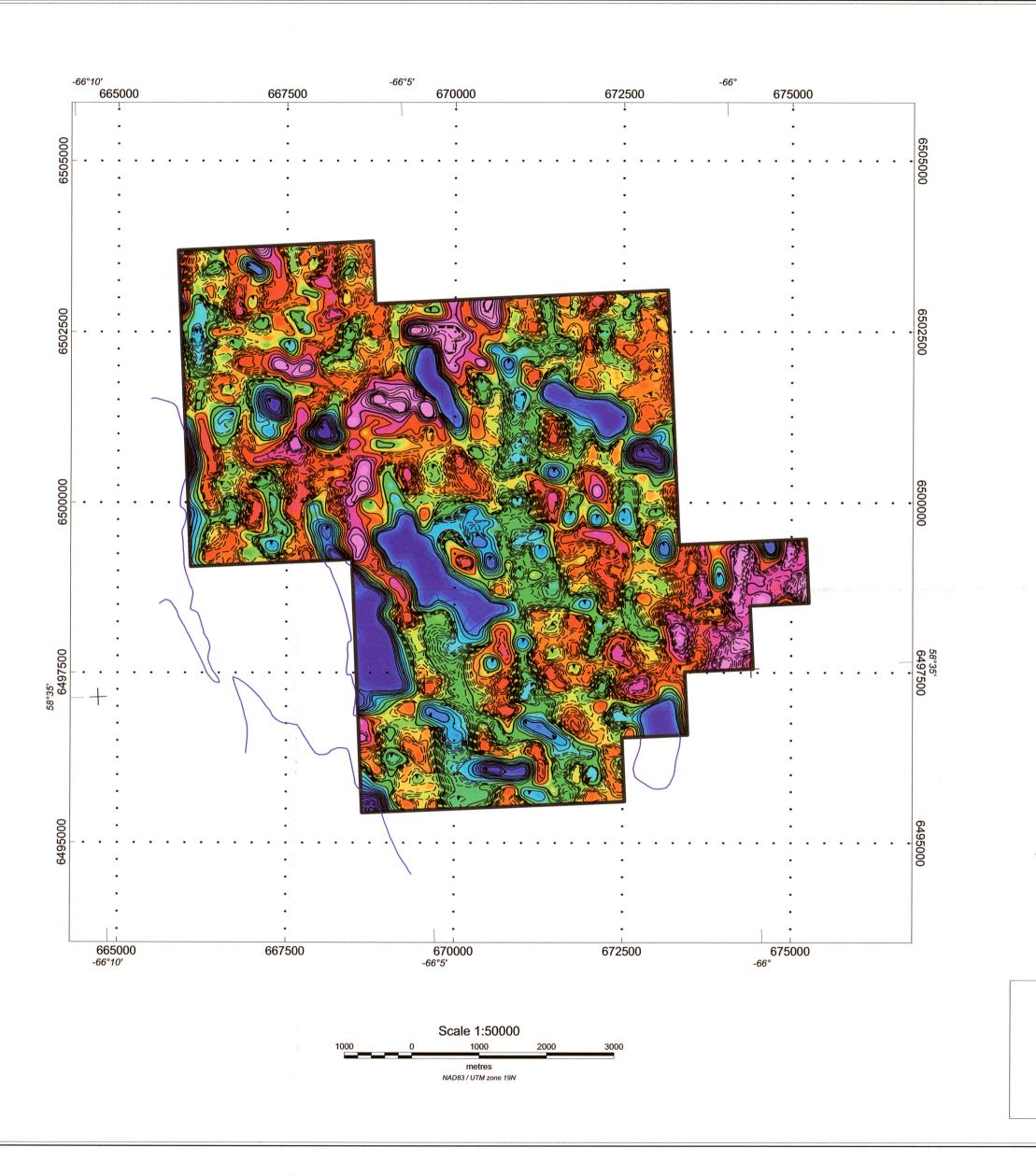
-Digital Terrain Model obtained by subtracting

the radar altimeter from the GPS height.

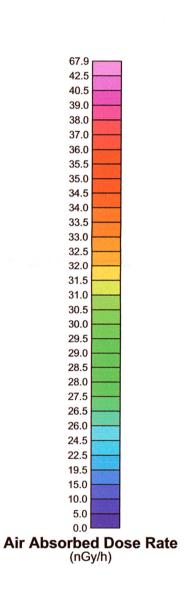
-Aircraft elevation (MTC): 60 m (nominal) -Average aircraft speed: 22.8 m/s -GPS receiver: Trimble AgGPS (WAAS)











- —— INTERVAL CONTOUR 0.5 nGy/h
- ---- INTERVAL CONTOUR 2.5 nGy/h
- ---- INTERVAL CONTOUR 10 nGy/h

SURVEY SPECIFICATIONS

- -Line spacing: 200 m
- -Mean terrain clearance: 60 m
- -Line direction: N-S
- -Tieline direction: E-W
- -Survey date: September 21st to 30th, 2007
- -Line kilometres: 1932 km

- -Bell 206B, callsign: C-GMHT
- -Aircraft elevation (MTC): 60 m (nominal)
- -Average aircraft speed: 22.8 m/s
- -GPS sample rate: 1.0 s

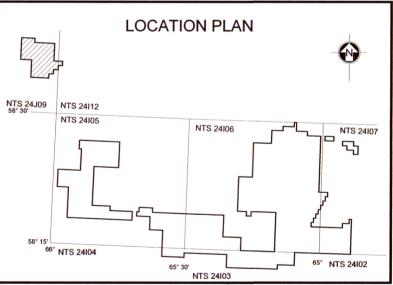
- -Model: PICO GRS-10
- -Resolution: 256 channels
- -Four Nal crystal detectors, each with individual electronics,
- for a total of 16.8 litres of crystals
- -Energy spectra from 36 keV to 3 MeV with linearity correction
- -Pulse rate per detector: > 60000 pulses per second with

- -Radar accuracy: 1.5 m

PROCESSING SPECIFICATIONS

- -Spectrum smoothing by NASVD
- -Radon removal using spectral ratio method
- -Extracting window counts for each radioelement: K, U, Th and TC
- -Microlevelling

-The helicopter spectrometry survey was executed on a partially



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY

AIR ABSORBED DOSE RATE DERIVED FROM TOTAL COUNT (nGy/h)

Contract: M-07395 Scale: 1: 50000

Drawing: 07-12-726-00 Date: December 2007

Drawing by A. Beaudoin, tech. Checked by I. D'Amours, Eng. Processed by O. Létourneau, Phys. Approved by R. Paul, Eng.



0 5 JUIN 2009

814073

- **GEODETIC SPECIFICATIONS**
- -Map projection: UTM -Datum: NAD-83 (Canada Mean)

- -UTM zone: 19 north
- -Central meridian: 69° west

AIRCRAFT

- -GPS receiver: Trimble AgGPS (WAAS)

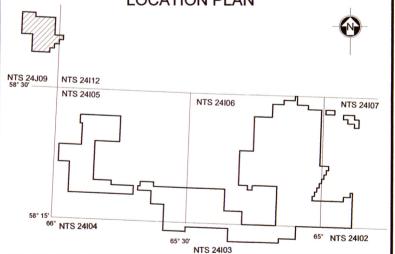
AIRBORNE GAMMA RAY SPECTROMETER SPECIFICATIONS

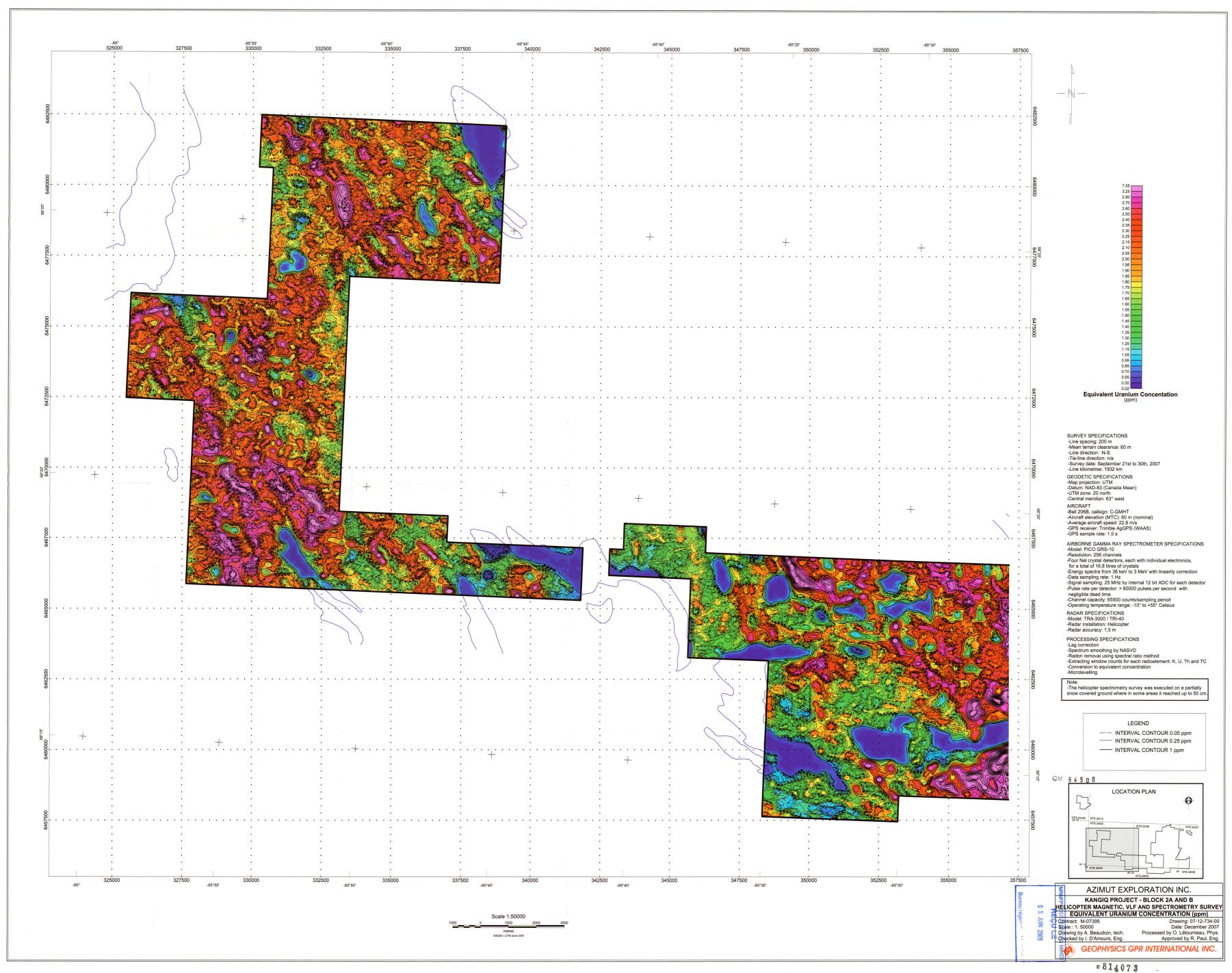
GM 64508

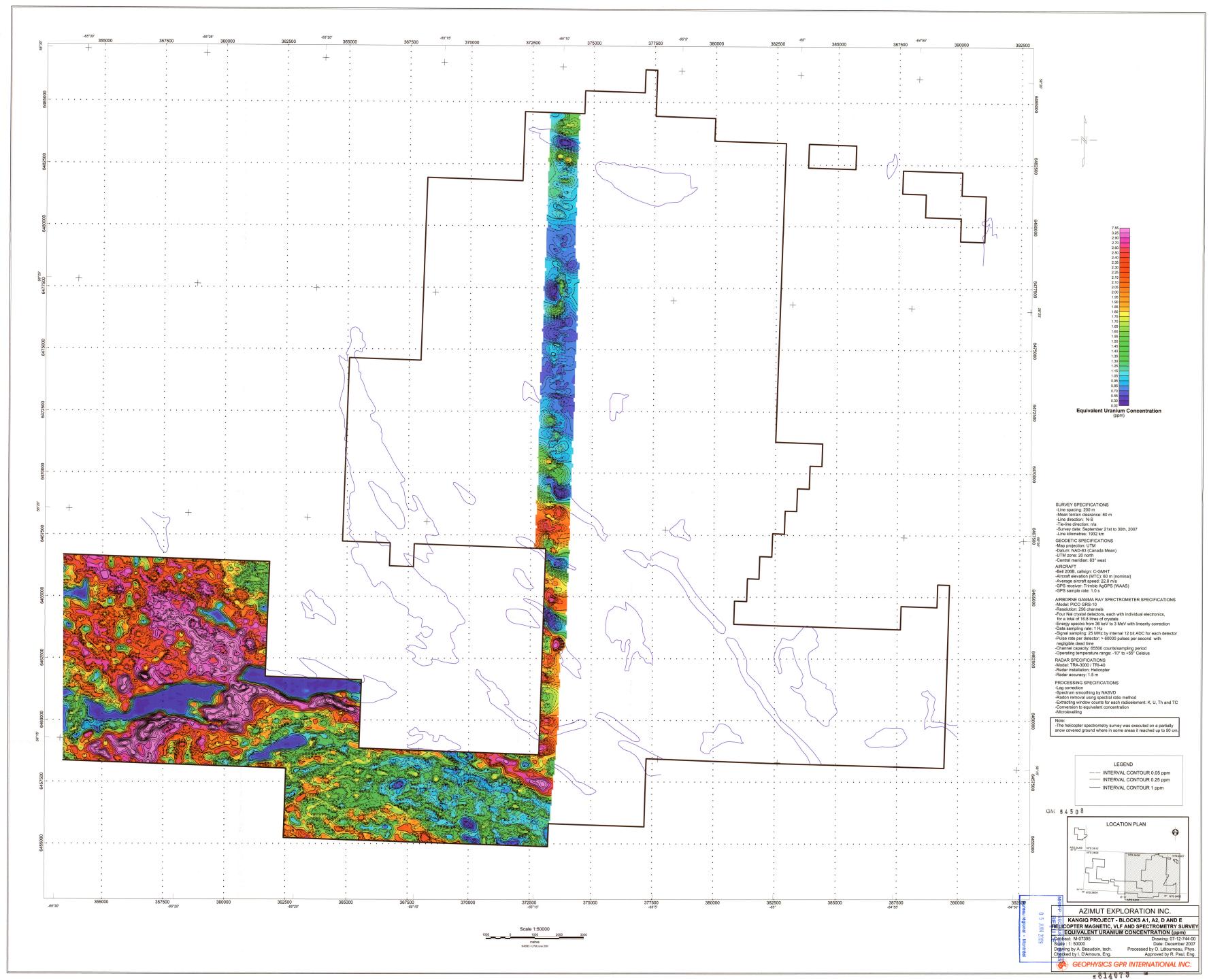
- -Data sampling rate: 1 Hz
- -Signal sampling: 25 MHz by internal 12 bit ADC for each detector
- negligible dead time
- -Channel capacity: 65500 counts/sampling period -Operating temperature range: -10° to +55° Celsius
- RADAR SPECIFICATIONS
- -Model: TRA-3000 / TRI-40
- -Radar installation: Helicopter
- -Lag correction

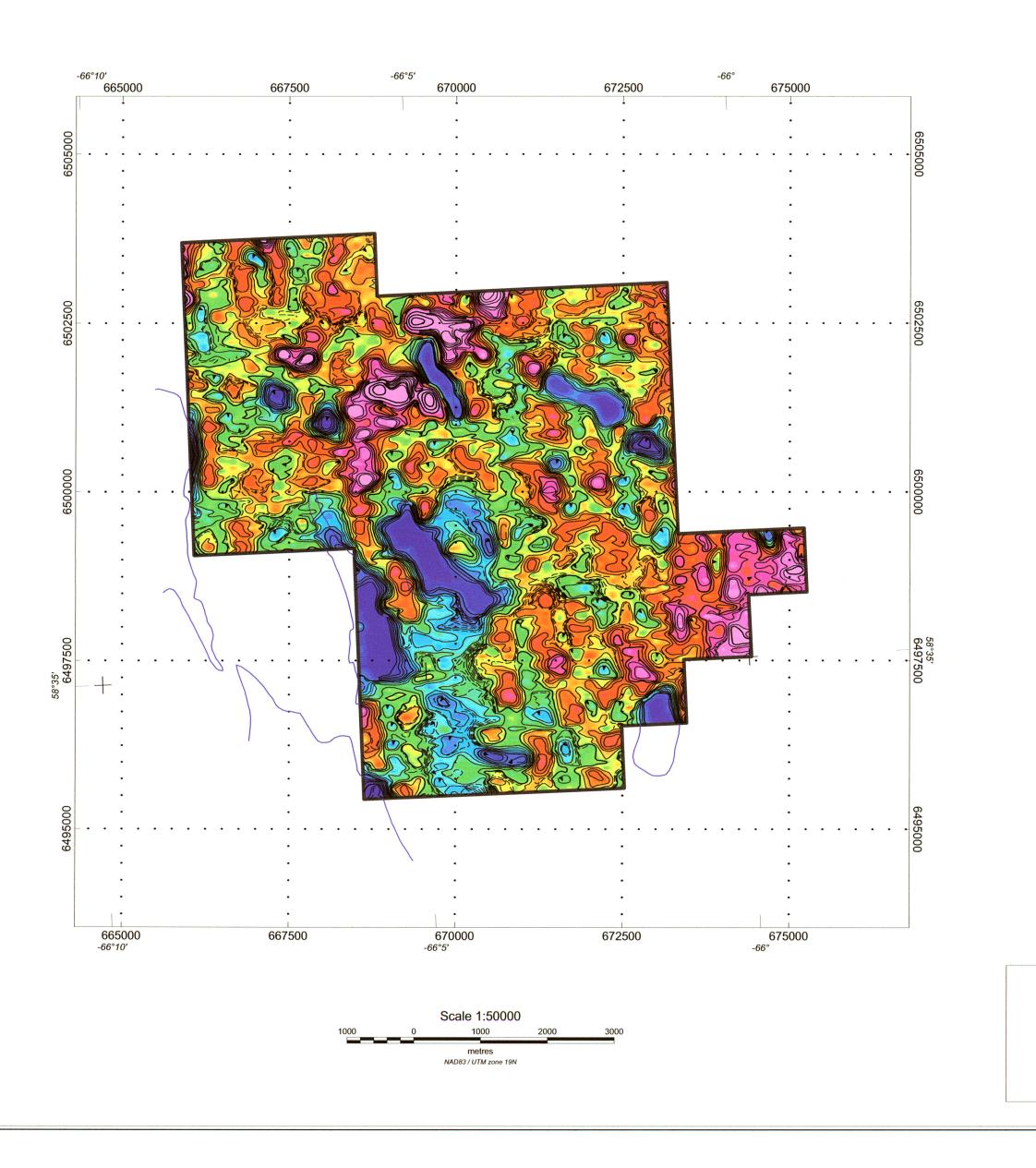
- -Conversion to equivalent concentration

snow covered ground where in some areas it reached up to 50 cm

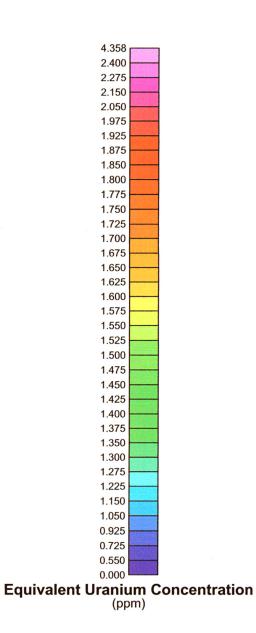












- —— INTERVAL CONTOUR 0.025 ppm
 - INTERVAL CONTOUR 0.1 ppm
- INTERVAL CONTOUR 0.5 ppm

SURVEY SPECIFICATIONS

-Line spacing: 200 m

-Mean terrain clearance: 60 m

-Line direction: N-S

-Tie-line direction: E-W -Survey date: September 21st to 30th, 2007

-Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

-Map projection: UTM

-Datum: NAD-83 (Canada Mean)

GM 64508

-UTM zone: 19 north -Central meridian: 69° west

AIRCRAFT

-Bell 206B, callsign: C-GMHT

-Aircraft elevation (MTC): 60 m (nominal)

-Average aircraft speed: 22.8 m/s -GPS receiver: Trimble AgGPS (WAAS)

-GPS sample rate: 1.0 s

AIRBORNE GAMMA RAY SPECTROMETER SPECIFICATIONS

-Model: PICO GRS-10

-Resolution: 256 channels

-Four Nal crystal detectors, each with individual electronics,

for a total of 16.8 litres of crystals

-Energy spectra from 36 keV to 3 MeV with linearity correction

-Data sampling rate: 1 Hz

-Signal sampling: 25 MHz by internal 12 bit ADC for each detector

-Pulse rate per detector: > 60000 pulses per second with

negligible dead time

-Channel capacity: 65500 counts/sampling period -Operating temperature range: -10° to +55° Celsius

RADAR SPECIFICATIONS

- -Model: TRA-3000 / TRI-40 -Radar installation: Helicopter
- -Radar accuracy: 1.5 m

PROCESSING SPECIFICATIONS

-Lag correction

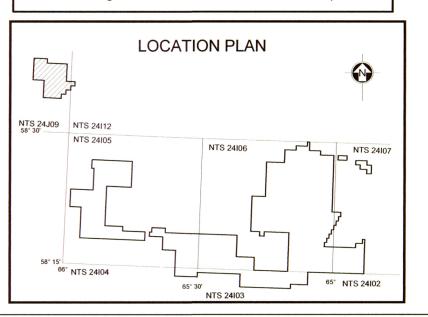
-Spectrum smoothing by NASVD

-Radon removal using spectral ratio method

-Extracting window counts for each radioelement: K, U, Th and TC -Conversion to equivalent concentration

-Microlevelling

-The helicopter spectrometry survey was executed on a partially snow covered ground where in some areas it reached up to 50 cm



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY EQUIVALENT URANIUM CONCENTRATION (ppm)

Scale: 1: 50000

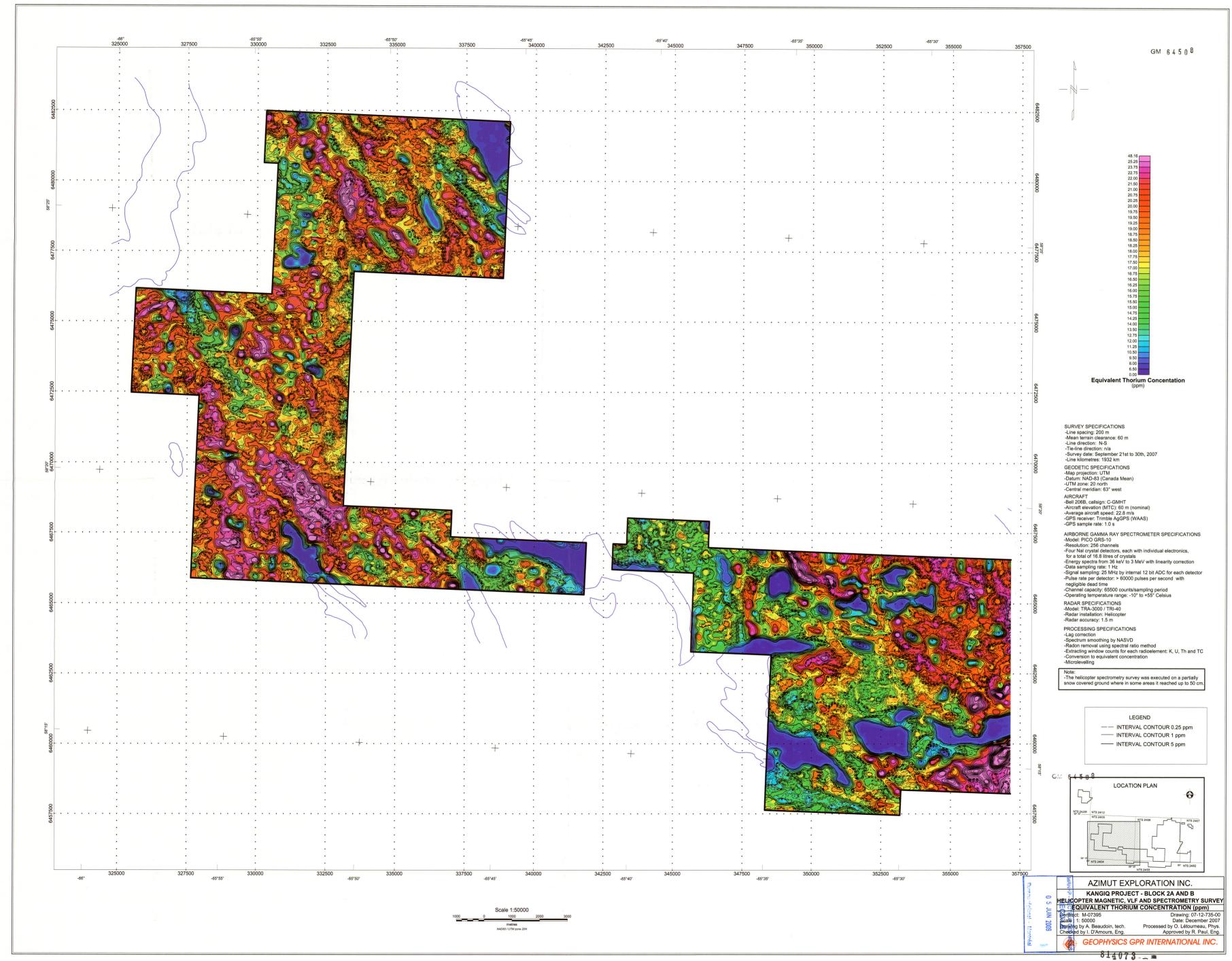
Date: December 2007 Drawing by A. Beaudoin, tech. Processed by O. Létourneau, Phys.

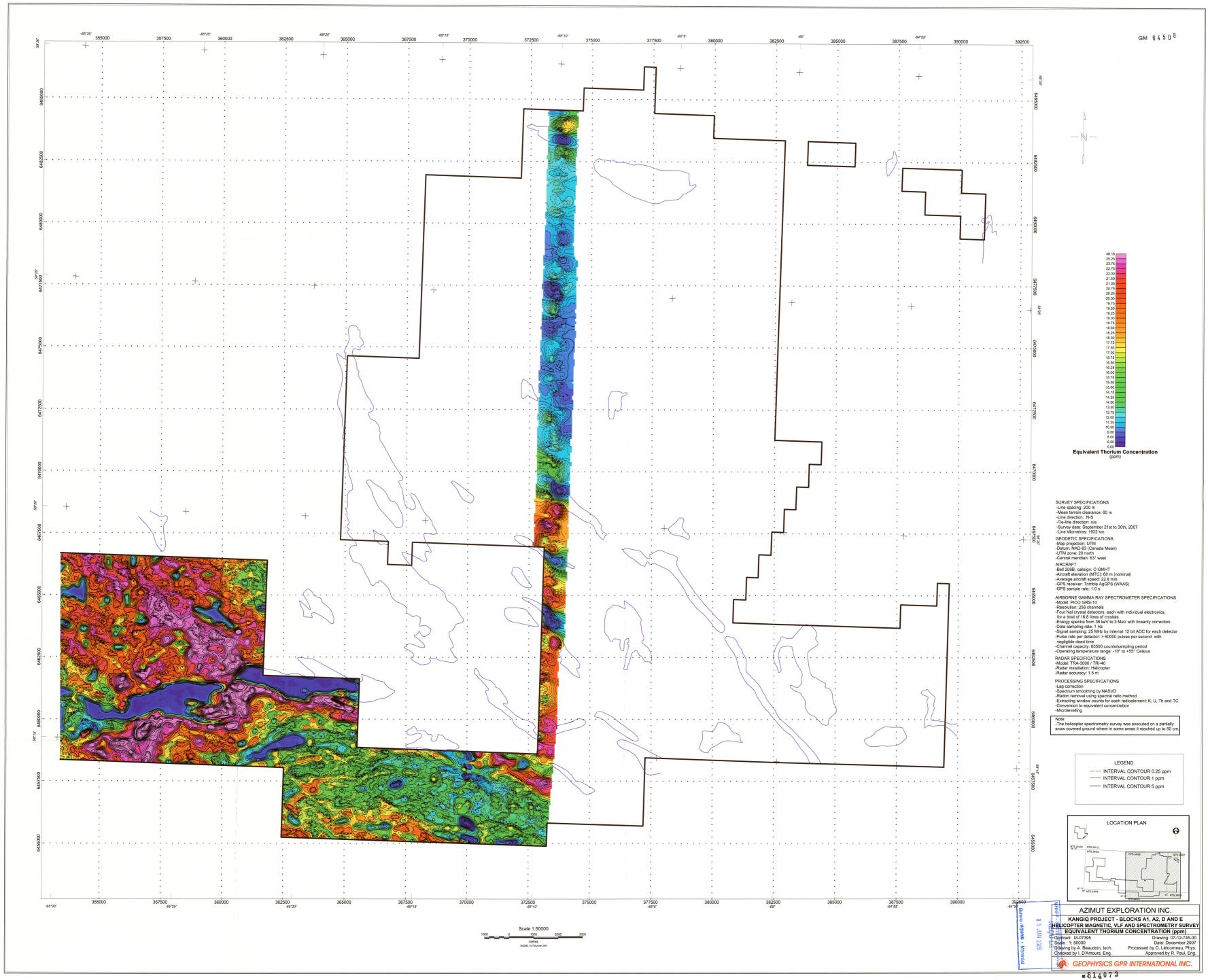
Checked by I. D'Amours, Eng.

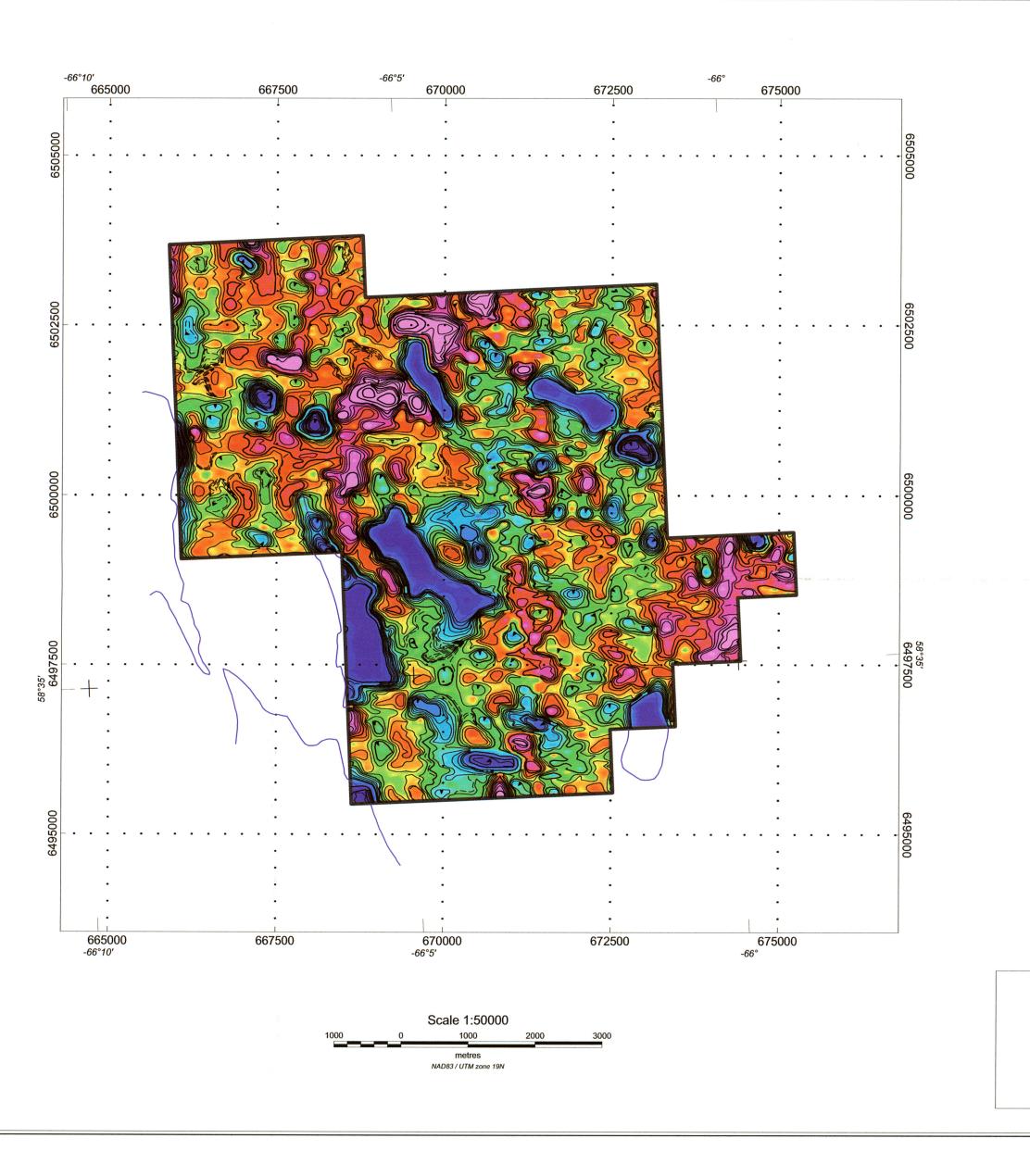
Approved by R. Paul, Eng. GEOPHYSICS GPR INTERNATIONAL INC.

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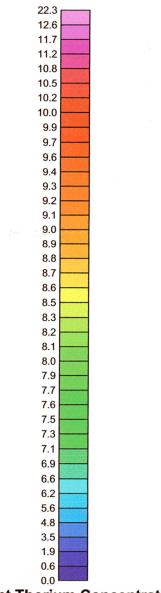
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- —— INTERVAL CONTOUR 0.1 ppm
- ---- INTERVAL CONTOUR 0.5 ppm
- —— INTERVAL CONTOUR 2.5 ppm

SURVEY SPECIFICATIONS

- -Line spacing: 200 m
- -Mean terrain clearance: 60 m
- -Line direction: N-S
- -Tie-line direction: E-W
- -Survey date: September 21st to 30th, 2007
- -Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

- -Map projection: UTM
- -Datum: NAD-83 (Canada Mean)
- -UTM zone: 19 north
- -Central meridian: 69° west

AIRCRAFT

- -Bell 206B, callsign: C-GMHT
- -Aircraft elevation (MTC): 60 m (nominal)
- -Average aircraft speed: 22.8 m/s
- -GPS receiver: Trimble AgGPS (WAAS)
- -GPS sample rate: 1.0 s

AIRBORNE GAMMA RAY SPECTROMETER SPECIFICATIONS

GM 64508

- -Model: PICO GRS-10
- -Resolution: 256 channels
- -Four Nal crystal detectors, each with individual electronics,
- for a total of 16.8 litres of crystals
- -Energy spectra from 36 keV to 3 MeV with linearity correction
- -Data sampling rate: 1 Hz
- -Signal sampling: 25 MHz by internal 12 bit ADC for each detector
- -Pulse rate per detector: > 60000 pulses per second with
- negligible dead time
- -Channel capacity: 65500 counts/sampling period
- -Operating temperature range: -10° to +55° Celsius

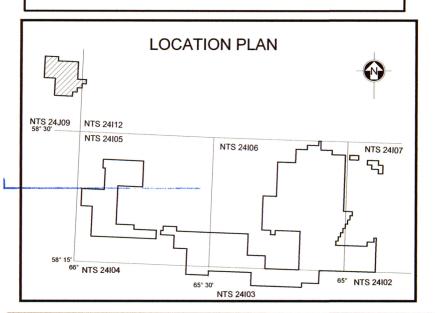
RADAR SPECIFICATIONS

- -Model: TRA-3000 / TRI-40
- -Radar installation: Helicopter
- -Radar accuracy: 1.5 m

PROCESSING SPECIFICATIONS

- -Lag correction
- -Spectrum smoothing by NASVD
- -Radon removal using spectral ratio method
- -Extracting window counts for each radioelement: K, U, Th and TC
- -Conversion to equivalent concentration
- -Microlevelling

-The helicopter spectrometry survey was executed on a partially snow covered ground where in some areas it reached up to 50 cm.



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY **EQUIVALENT THORIUM CONCENTRATION (ppm)**

Contract: M-07395

Scale: 1: 50000

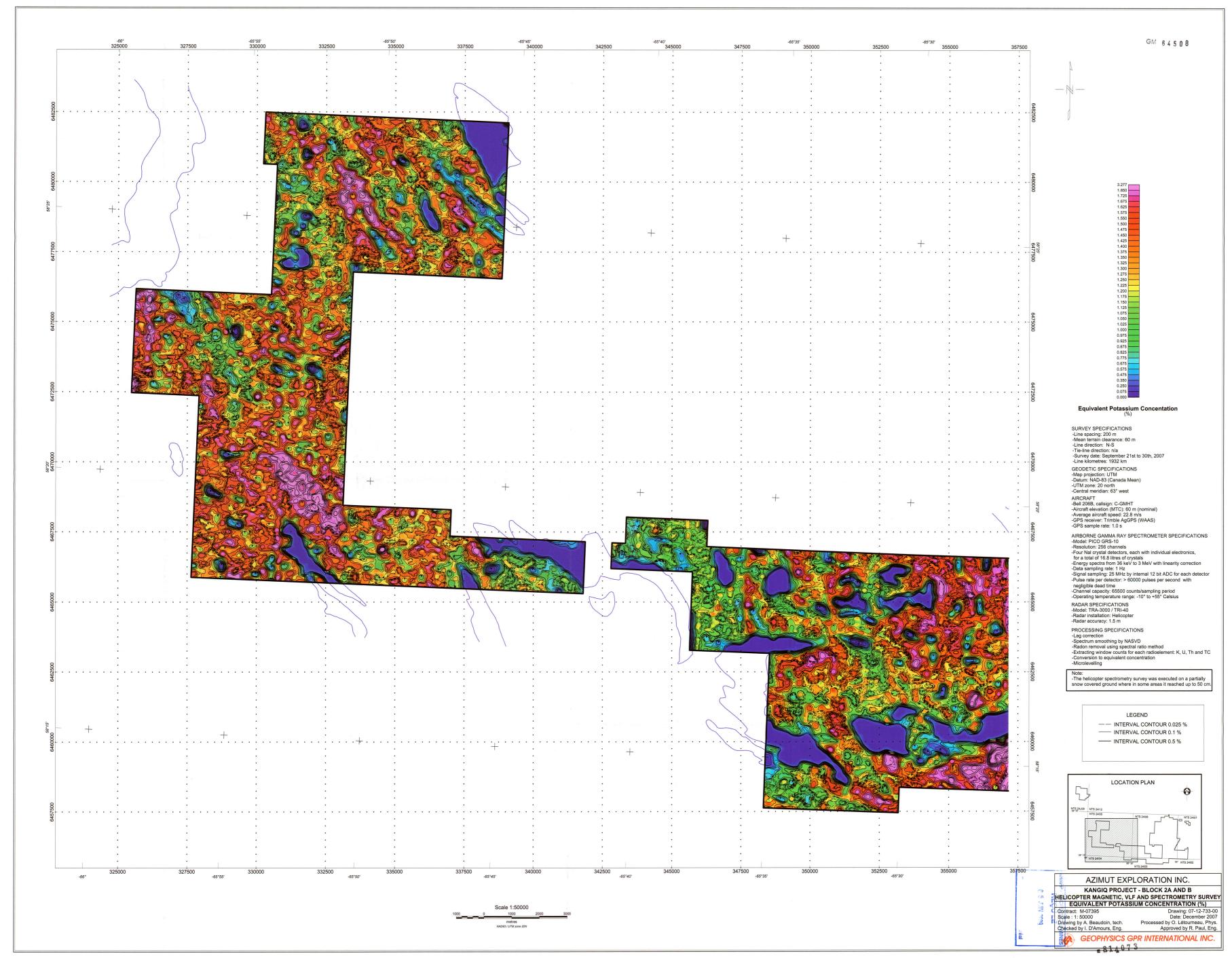
Drawing: 07-12-725-00 Date: December 2007 Processed by O. Létourneau, Phys.

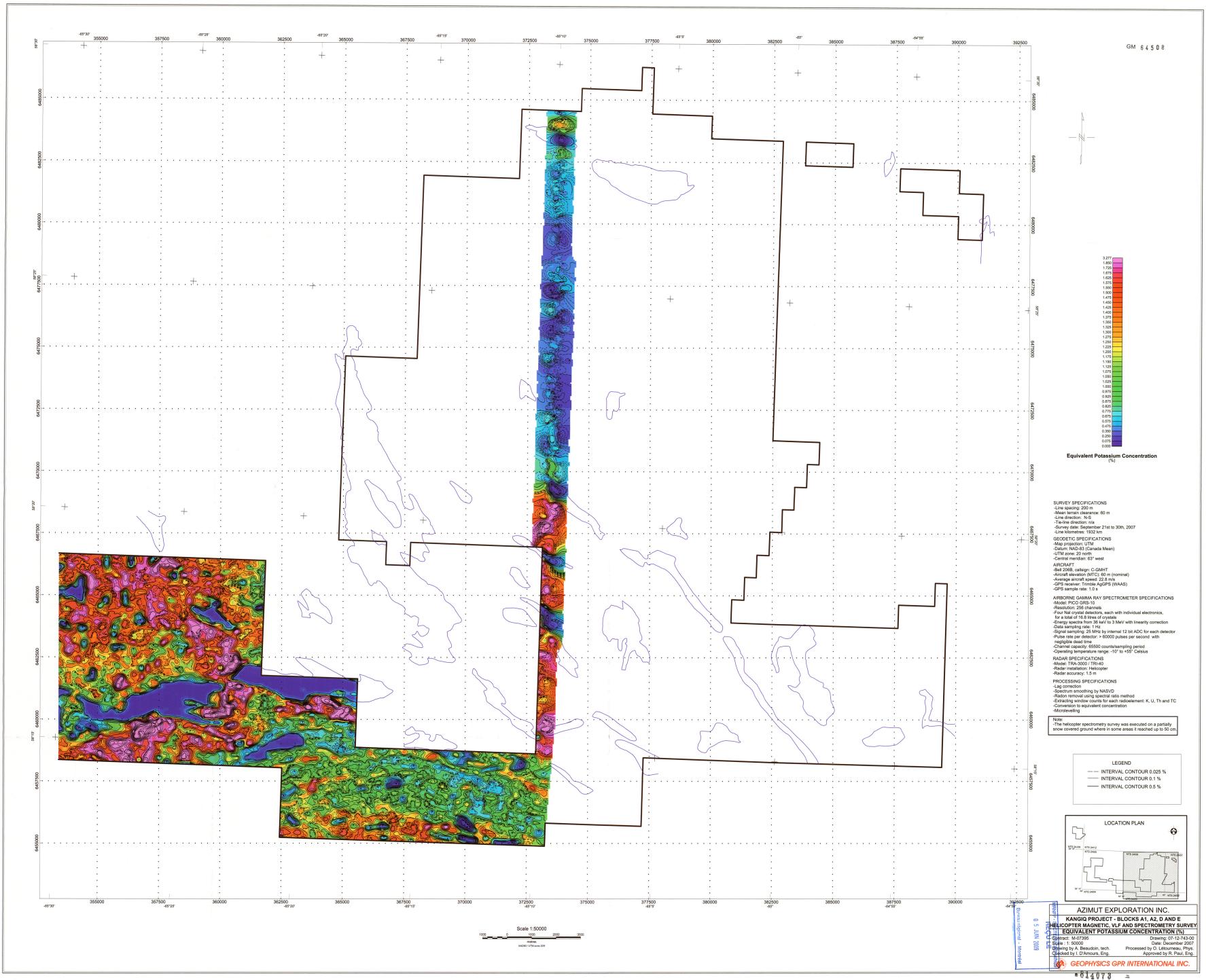
Approved by R. Paul, Eng.

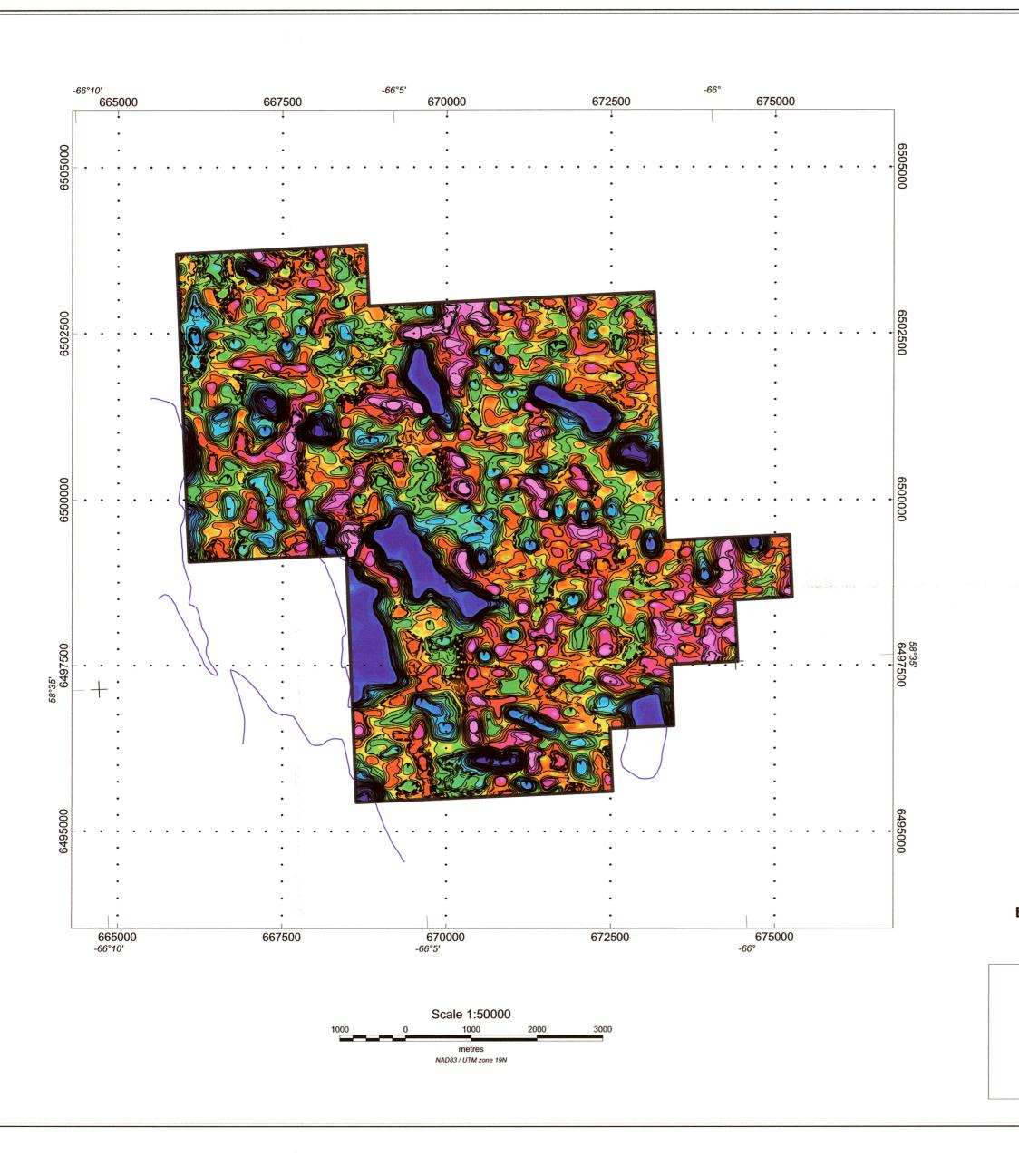
Drawing by A. Beaudoin, tech. Poliecked by I. D'Amours, Eng. GEOPHYSICS GPR INTERNATIONAL INC

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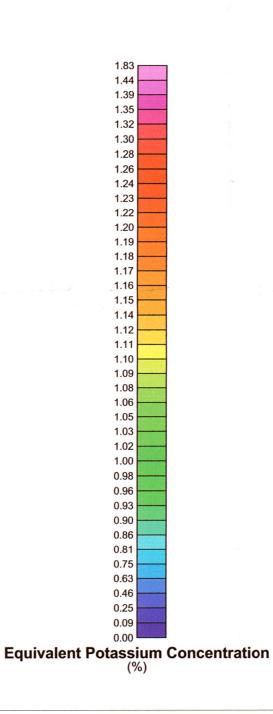
Bureau régional - Montréal













- —— INTERVAL CONTOUR 0.01 %
- INTERVAL CONTOUR 0.05 %
- ---- INTERVAL CONTOUR 0.25 %

SURVEY SPECIFICATIONS

-Line spacing: 200 m

GM 64508 -Mean terrain clearance: 60 m

-Line direction: N-S

-Tie-line direction: E-W -Survey date: September 21st to 30th, 2007

-Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

-Map projection: UTM

-Datum: NAD-83 (Canada Mean)

-UTM zone: 19 north

-Central meridian: 69° west

AIRCRAFT

-Bell 206B, callsign: C-GMHT

-Aircraft elevation (MTC): 60 m (nominal)

-Average aircraft speed: 22.8 m/s

-GPS receiver: Trimble AgGPS (WAAS)

-GPS sample rate: 1.0 s

AIRBORNE GAMMA RAY SPECTROMETER SPECIFICATIONS

-Model: PICO GRS-10

-Resolution: 256 channels

-Four Nal crystal detectors, each with individual electronics,

for a total of 16.8 litres of crystals

-Energy spectra from 36 keV to 3 MeV with linearity correction

-Data sampling rate: 1 Hz

-Signal sampling: 25 MHz by internal 12 bit ADC for each detector

-Pulse rate per detector: > 60000 pulses per second with

negligible dead time

-Channel capacity: 65500 counts/sampling period

-Operating temperature range: -10° to +55° Celsius

RADAR SPECIFICATIONS

- -Model: TRA-3000 / TRI-40
- -Radar installation: Helicopter
- -Radar accuracy: 1.5 m

PROCESSING SPECIFICATIONS

-Lag correction

-Spectrum smoothing by NASVD

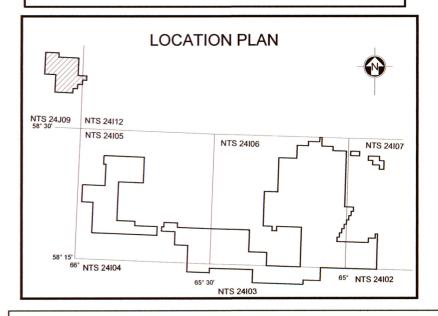
-Radon removal using spectral ratio method

-Extracting window counts for each radioelement: K, U, Th and TC

-Conversion to equivalent concentration

-Microlevelling

-The helicopter spectrometry survey was executed on a partially snow covered ground where in some areas it reached up to 50 cm



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY **EQUIVALENT POTASSIUM CONCENTRATION (%)**

Contract: M-07395

Scale: 1: 50000

Date: December 2007 Processed by O. Létourneau, Phys. Approved by R. Paul, Eng.



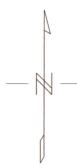
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0 5 JUIN 2009

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Drawing: 07-12-723-00





--- PROPERTY LIMITS

FLIGHT PATH

LAKE

SURVEY SPECIFICATIONS

-Line spacing: 200 m -Mean terrain clearance: 30 m

-Line direction: N-S

-Tie-line direction: E-W

-Survey date: September 21st to 30th , 2007. -Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

-Map projection: UTM -Datum: NAD-83

-UTM zone: 19 north

-Central meridian: 69° west

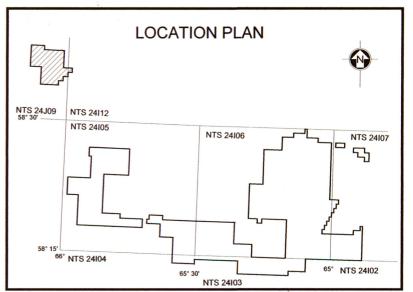
AIRCRAFT

-Bell 206L, callsign: C-GMHT
-Aircraft elevation (MTC): 60 m (nominal)

-Average aircraft speed: 22.8 m/s
-GPS receiver: Trimble AgGPS (WAAS)

-GPS sample rate: 1.0 s

GM 64508



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY

FLIGHT PATH RECOVERY AND PROPERTY LIMITS

Contract: M-07395

Scale: 1: 50000

Date: December 2007 Processed by O. Létourneau, Phys.

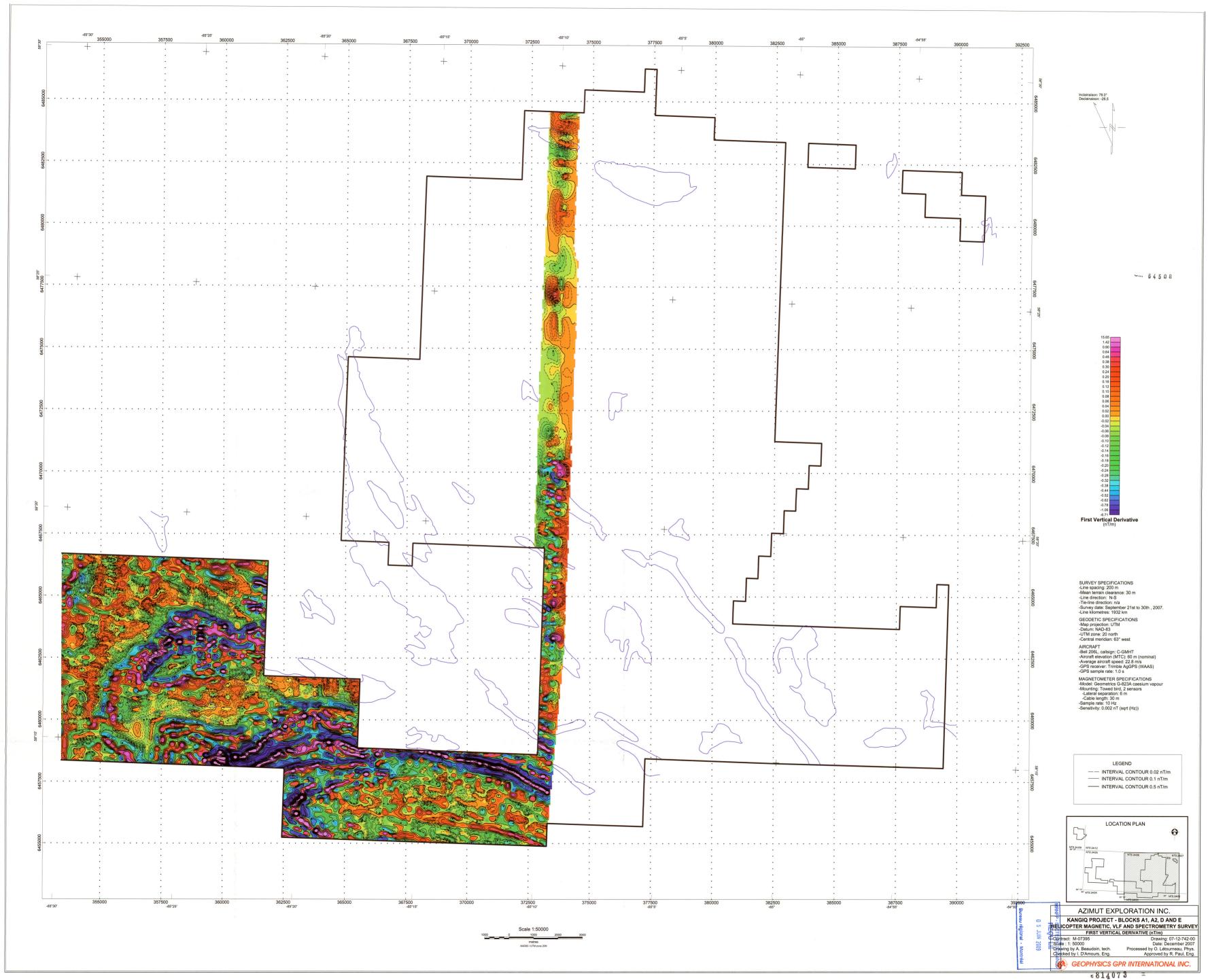
Drawing by A. Beaudoin, tech. GEORERSICS GPR INTERNATIONAL INC.

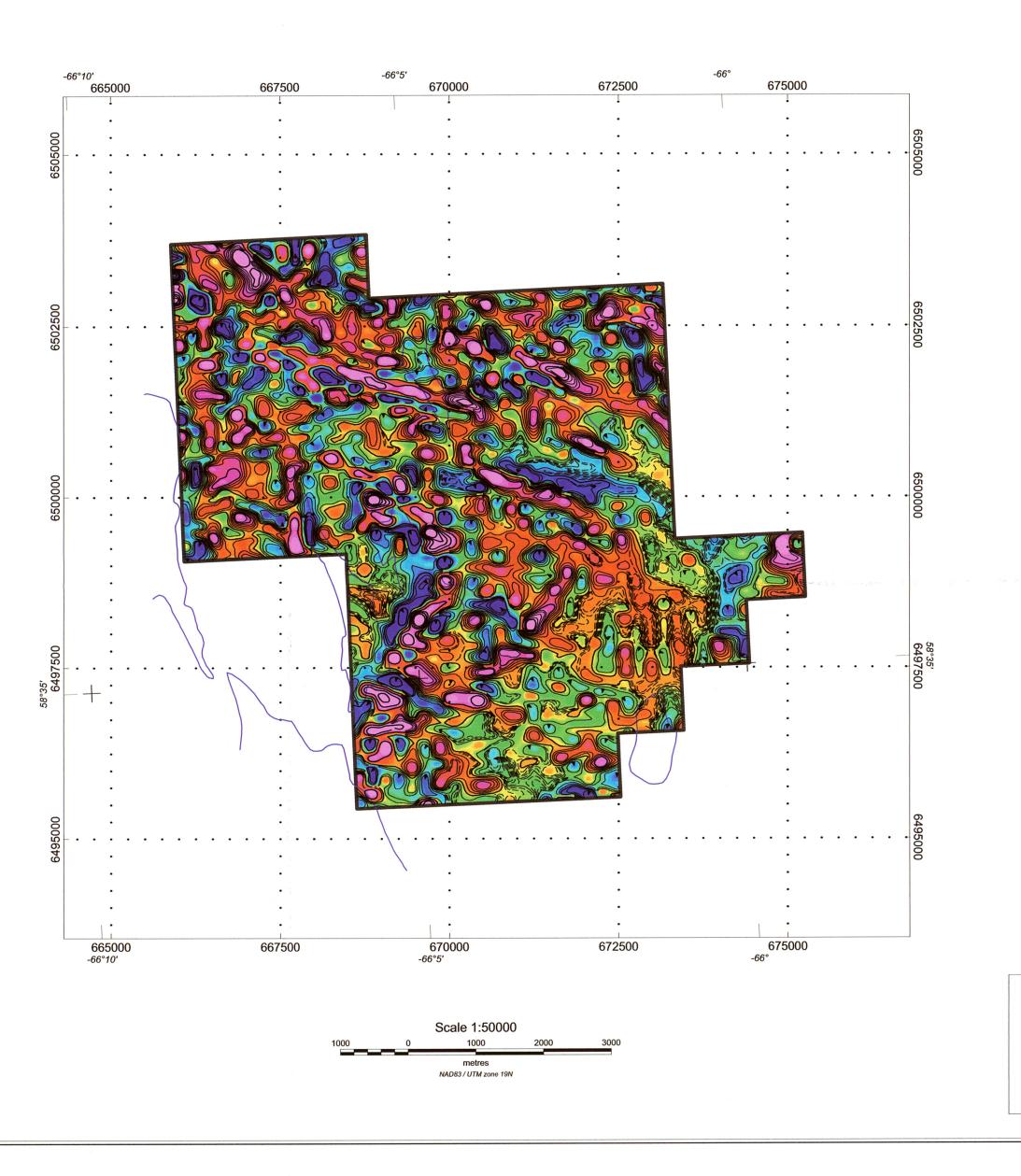
Approved by R. Paul, Eng.

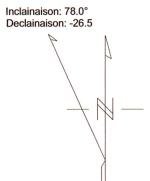
Drawing: 07-12-720-00



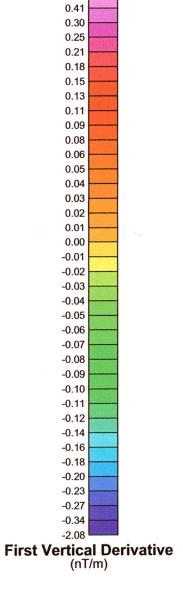
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2.28



LEGEND

- —— INTERVAL CONTOUR 0.01 nT/m
- ---- INTERVAL CONTOUR 0.05 nT/m
- ---- INTERVAL CONTOUR 0.25 nT/m

SURVEY SPECIFICATIONS

- -Line spacing: 200 m
- -Mean terrain clearance: 30 m
- -Line direction: N-S
- -Tie-line direction: E-W
- -Survey date: September 21st to 30th , 2007. -Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

- -Map projection: UTM -Datum: NAD-83
- -UTM zone: 19 north
- -Central meridian: 69° west

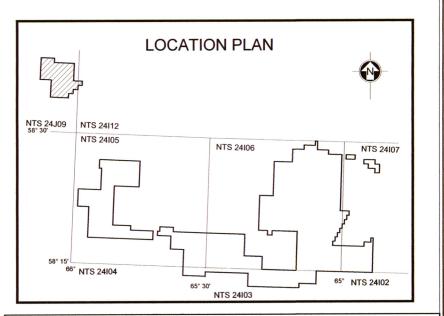
AIRCRAFT

- -Bell 206L, callsign: C-GMHT
- -Aircraft elevation (MTC): 60 m (nominal)
- -Average aircraft speed: 22.8 m/s -GPS receiver: Trimble AgGPS (WAAS)
- -GPS sample rate: 1.0 s

MAGNETOMETER SPECIFICATIONS

- -Model: Geometrics G-823A caesium vapour
- -Mounting: Towed bird, 2 sensors -Lateral separation: 6 m
- -Cable length: 30 m
- -Sample rate: 10 Hz
- -Sensitivity: 0.002 nT (sqrt (Hz))

GM 64508



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY

FIRST VERTICAL DERIVATIVE (nT/m)

Contract: M-07395

Drawing: 07-12-722-00

Scale: 1: 50000

Date: December 2007

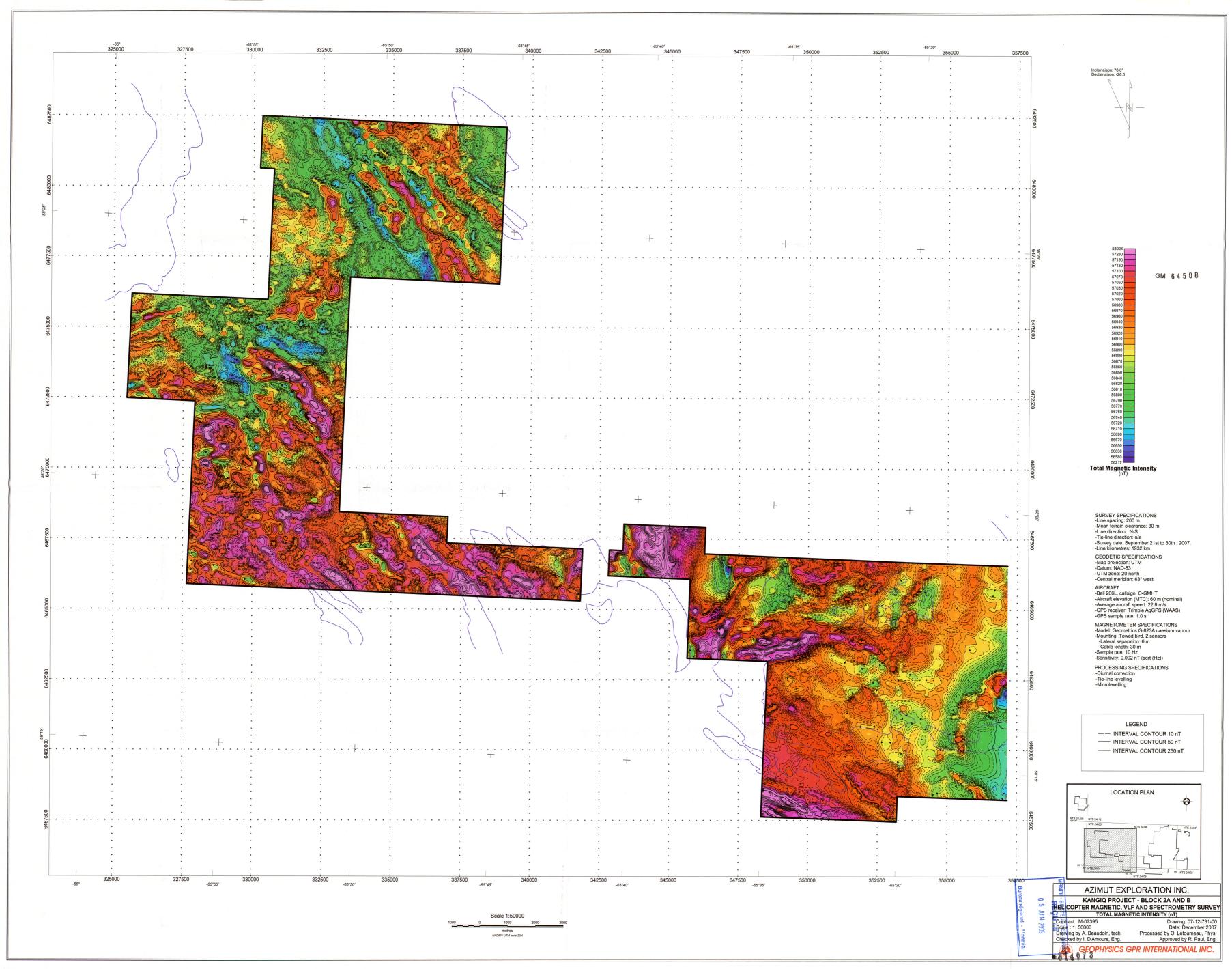
Drawing by A. Beaudoin, reeks MINE Processed by O. Létourneau, Phys.

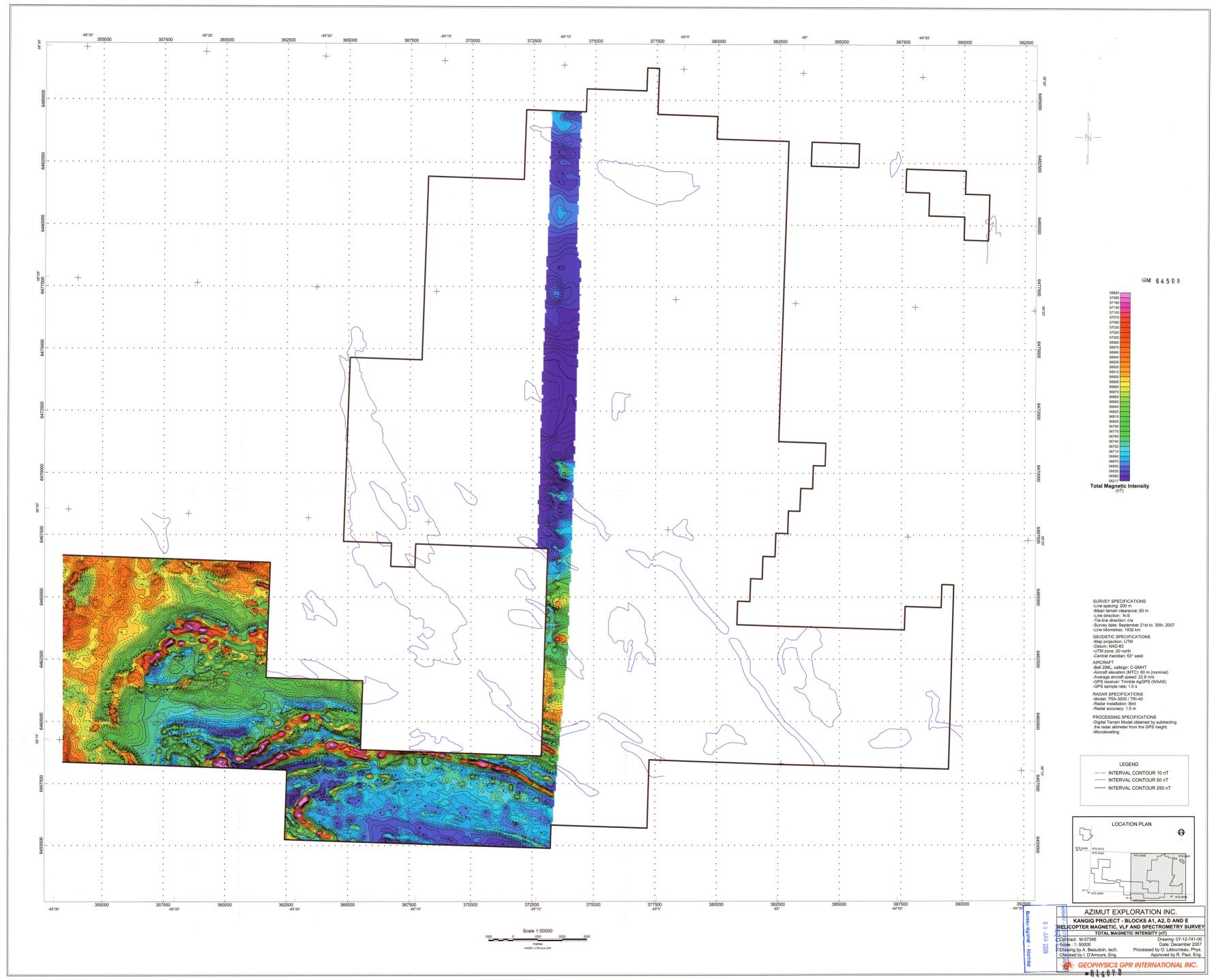
Checked by I. D'Amours, Erig.

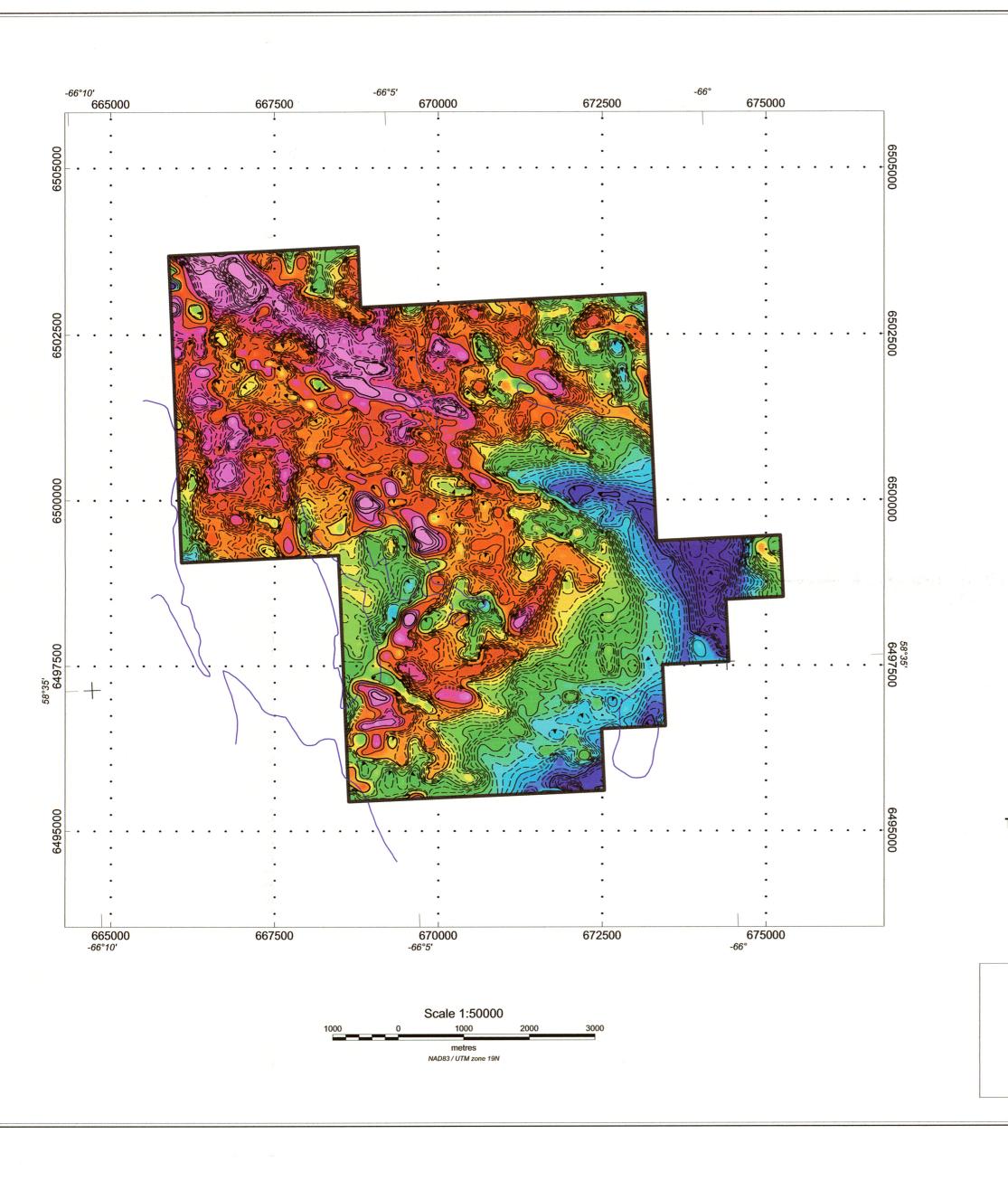
Approved by R. Paul, Eng. Approved by R. Paul, Eng.

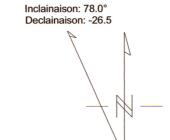
GEOPHYSICS GPR INTERNATIONAL INC.

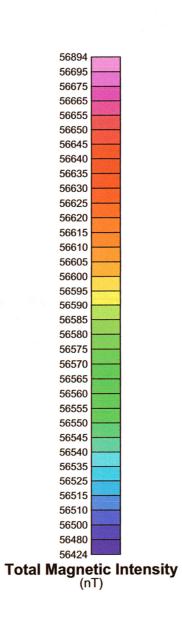
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- —— INTERVAL CONTOUR 5 nT
 - INTERVAL CONTOUR 25 nT
 - INTERVAL CONTOUR 100 nT

SURVEY SPECIFICATIONS

- -Line spacing: 200 m -Mean terrain clearance: 30 m
- -Line direction: N-S
- -Tie-line direction: E-W
- -Survey date: September 21st to 30th, 2007.
- -Line kilometres: 1932 km

GEODETIC SPECIFICATIONS

- -Map projection: UTM
- -Datum: NAD-83
- -UTM zone: 19 north -Central meridian: 69° west

AIRCRAFT

- -Bell 206L, callsign: C-GMHT
- -Aircraft elevation (MTC): 60 m (nominal)
- -Average aircraft speed: 22.8 m/s
- -GPS receiver: Trimble AgGPS (WAAS)
- -GPS sample rate: 1.0 s

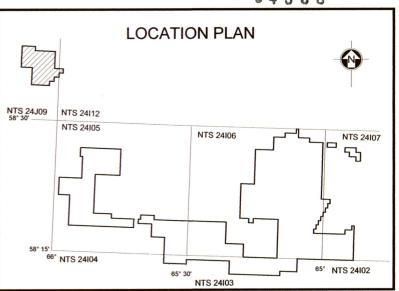
MAGNETOMETER SPECIFICATIONS

- -Model: Geometrics G-823A caesium vapour
- -Mounting: Towed bird, 2 sensors -Lateral separation: 6 m
- -Cable length: 30 m
- -Sample rate: 10 Hz
- -Sensitivity: 0.002 nT (sqrt (Hz))

PROCESSING SPECIFICATIONS

- -Diurnal correction
- -Tie-line levelling
- -Microlevelling

GM 64508



AZIMUT EXPLORATION INC.

KANGIQ PROJECT - BLOCK C

HELICOPTER MAGNETIC, VLF AND SPECTROMETRY SURVEY

TOTAL MAGNETIC INTENSITY (nT)

Contract: M-07395 Scale : 1: 50000

Drawing by A. Beaudoin, tech.

Drawing: 07-12-721-00 Date: December 2007 Processed by O. Létourneau, Phys.

Checked by Amours, Eng. IR DES MINES | Approved by R. Paul, Eng.

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