

Specifications and Notes

Survey Line Specifications:

Total Line Kilometers: 971 km
 Line Spacing: 50 m
 Tie Spacing: 500 m
 Line Azimuth: N330.0° E
 Tie Azimuth: N060.0° E

Geodetic Specifications

Map Projection: UTM
 Datum: NAD83 (CSRS)
 Zone: 18 North
 Central Meridian: 75° West
 False Easting: 500 000
 False Northing: 0

Helicopter Specifications

Helicopter: AS350 D (C-GBOP)
 Average Speed: 40.6 m/s
 Average Flying Height: 20% drupe surface, average 41.1 m

Magnetometer Specifications

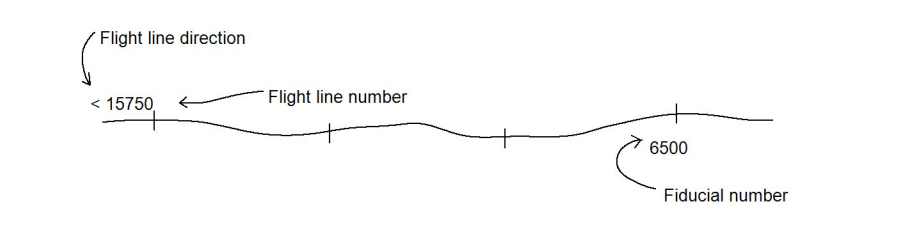
Magnetometer: Geometrics Cesium
 Magnetometer Installation: Slinger
 Sample Rate: 10Hz
 Base Station Magnetometer: GEM GSM-19 Overhauser

Ancillary Equipment

Data Acquisition System: RMS DAARCS00
 Laser Altimeter: Renshaw LM-1200-R
 GPS Receiver: Novatel ProPak6
 GPS Differential Correction: SBAS
 GPS Sample Rate: 1 Hz

Flight Path

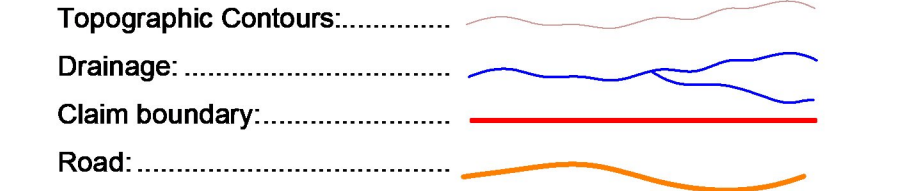
GPS data recorded during flight were corrected using Canadian Spatial Reference System: 'Precise Point Positioning' method.



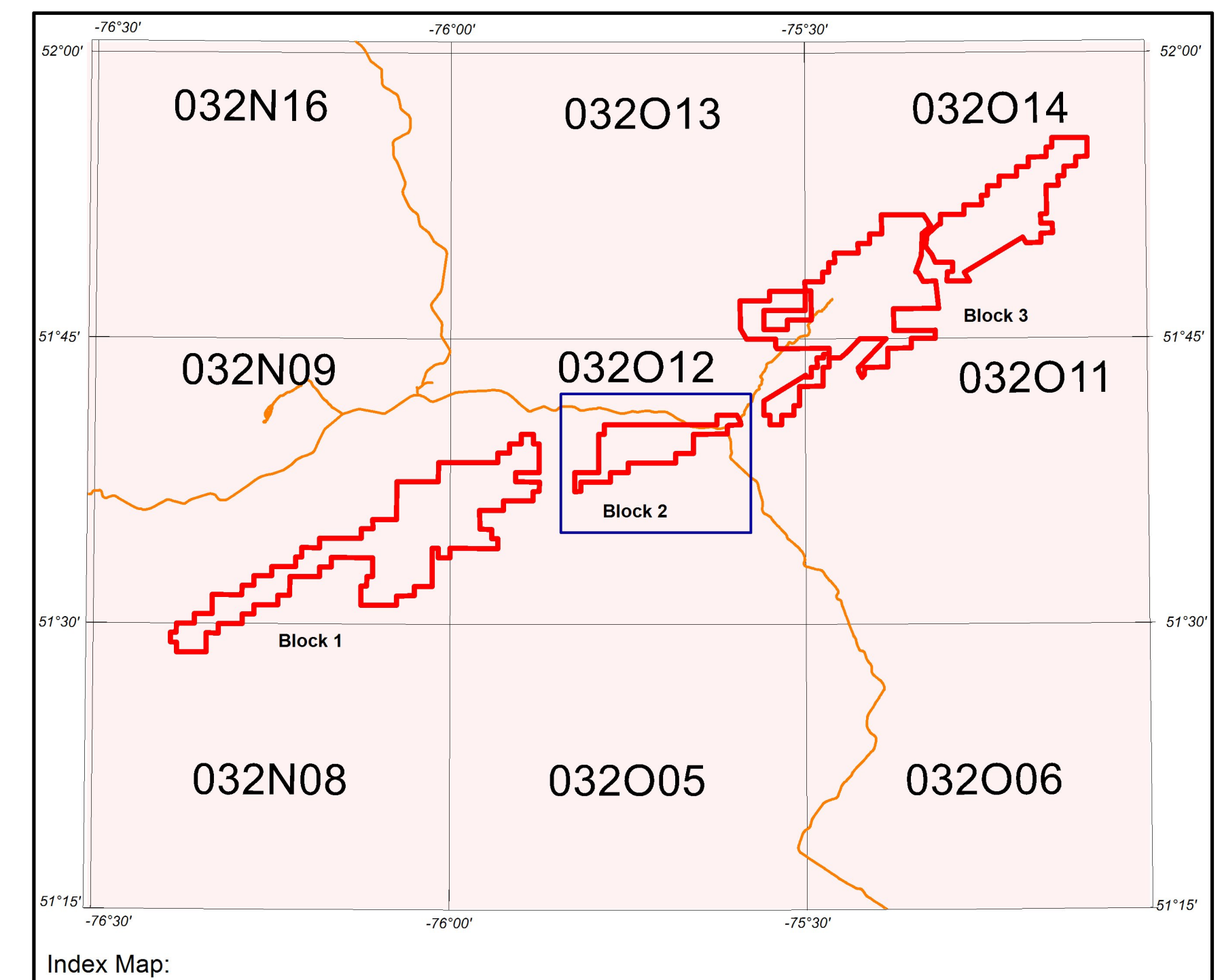
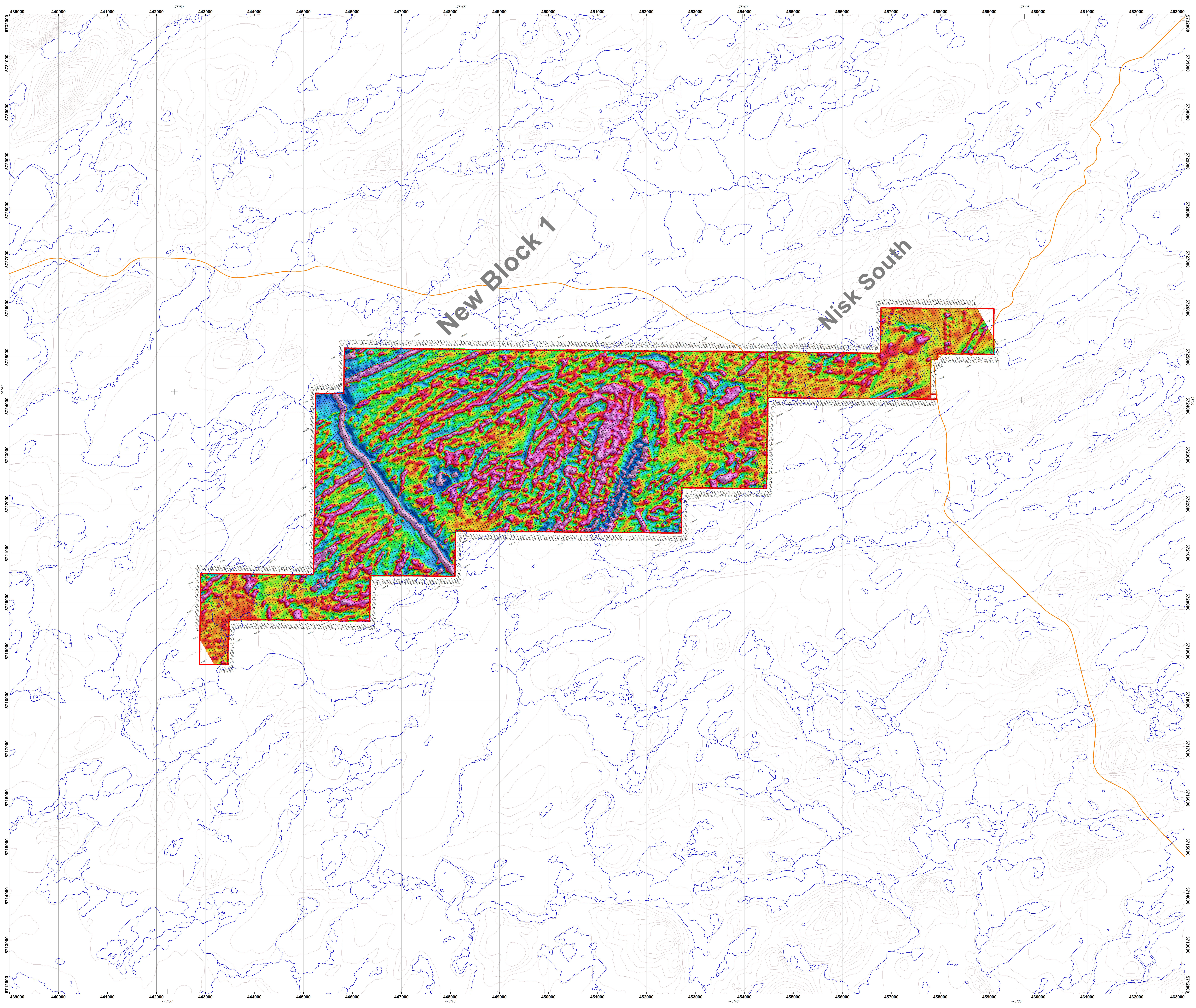
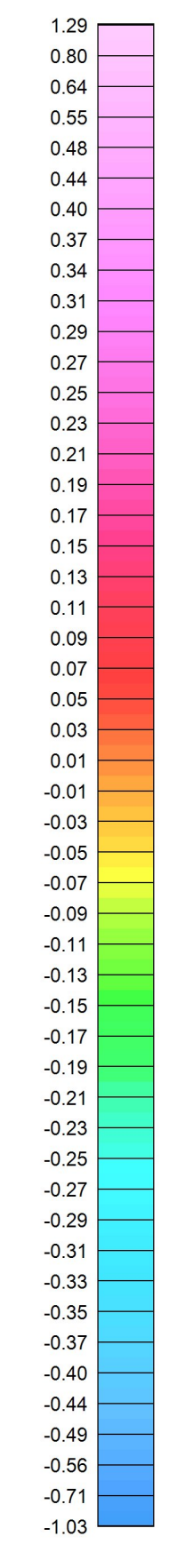
Note:
 Magnetic data were corrected for diurnal drift and for altitude using the drupe surface as reference. Tie-line levelling and micro-levelling were then applied.

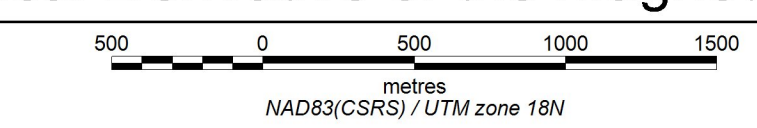
Data Gridding Cell size: 12.5 m


Planimetric Symbols

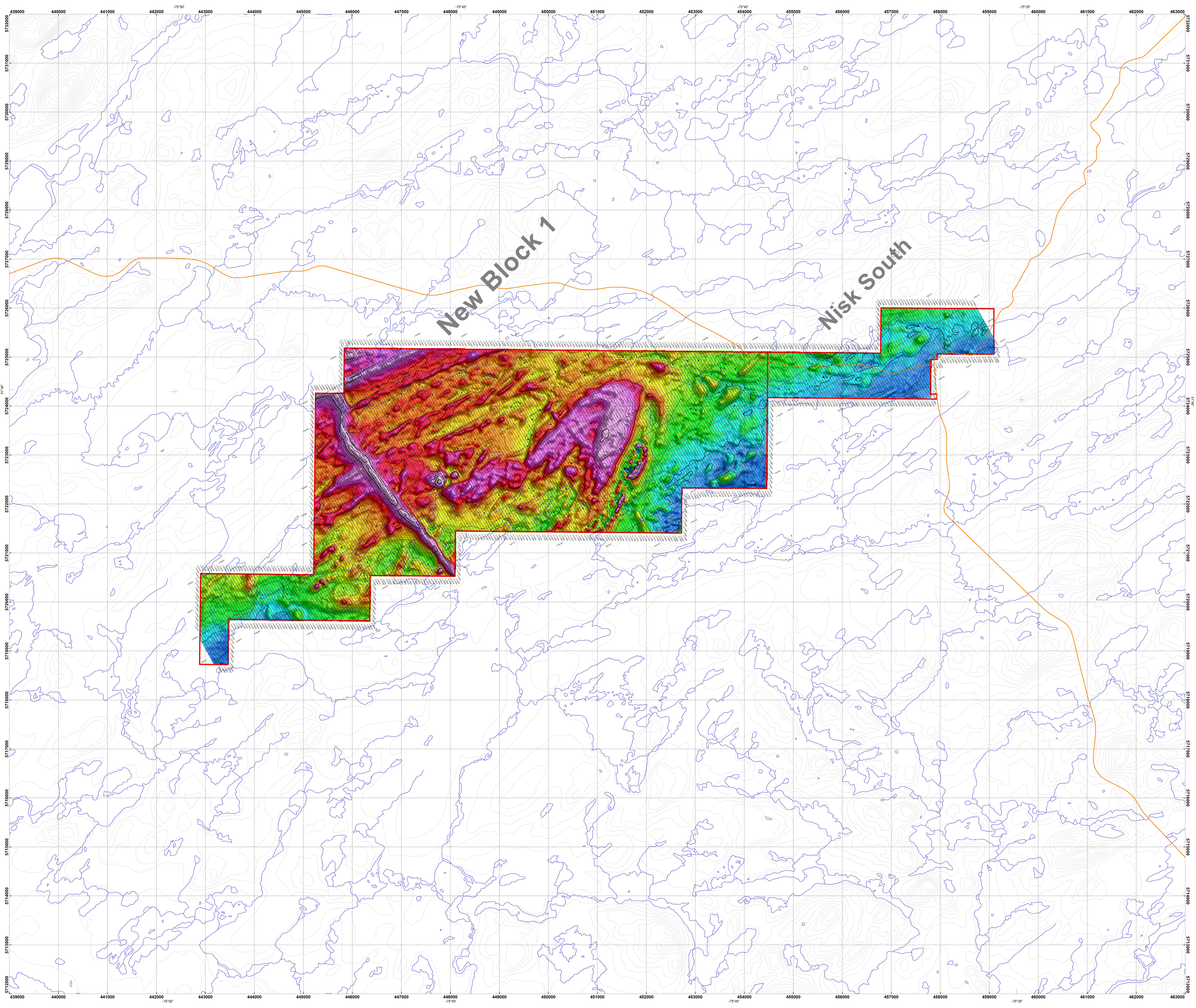


Topographic and hydrographic information from Geobase Carvec 1: 50K.



Client:	Critical Elements Lithium Corp.	
Type:	Helicopter-borne Magnetic Survey	
Project:	Quebec's Eeyou Itstchee James Bay Projects	
Area:	New Block 1 and Nisk South properties	
Title:	032O12 Shadow, Inc. 45° Dec. N45°E First Vertical Derivative of the Magnetic Field	
Scale:	 metres NAD83(CSRS) / UTM zone 18W	

 GEO DATA SOLUTIONS GDS Inc.		
Project #: P21004	Date: Mar. 26, 2021	Ref #: FVDCE_BLOC2_25K
Data Processing: M. Moussaoui, P. Eng.	Verification: F. Caty, K. Khan, P. Geo	Approval: M. Moussaoui, P. Eng.



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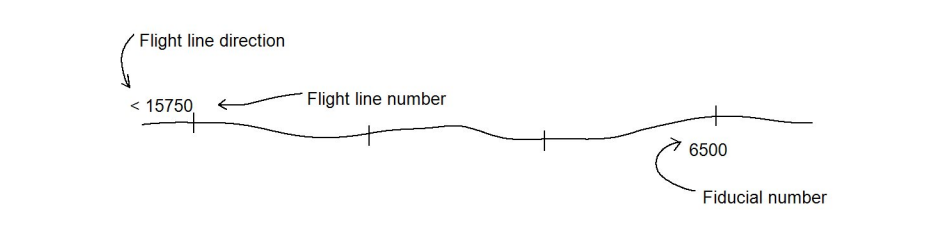
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Ancillary Equipment
 Data Acquisition System: RMS DAARCS00
 Laser Altimeter: Resonance ILM-1200 R
 GPS Receiver: Novatel ProPak6
 GPS Differential Correction: SBAS
 GPS Sample Rate: 1 Hz

Flight Path
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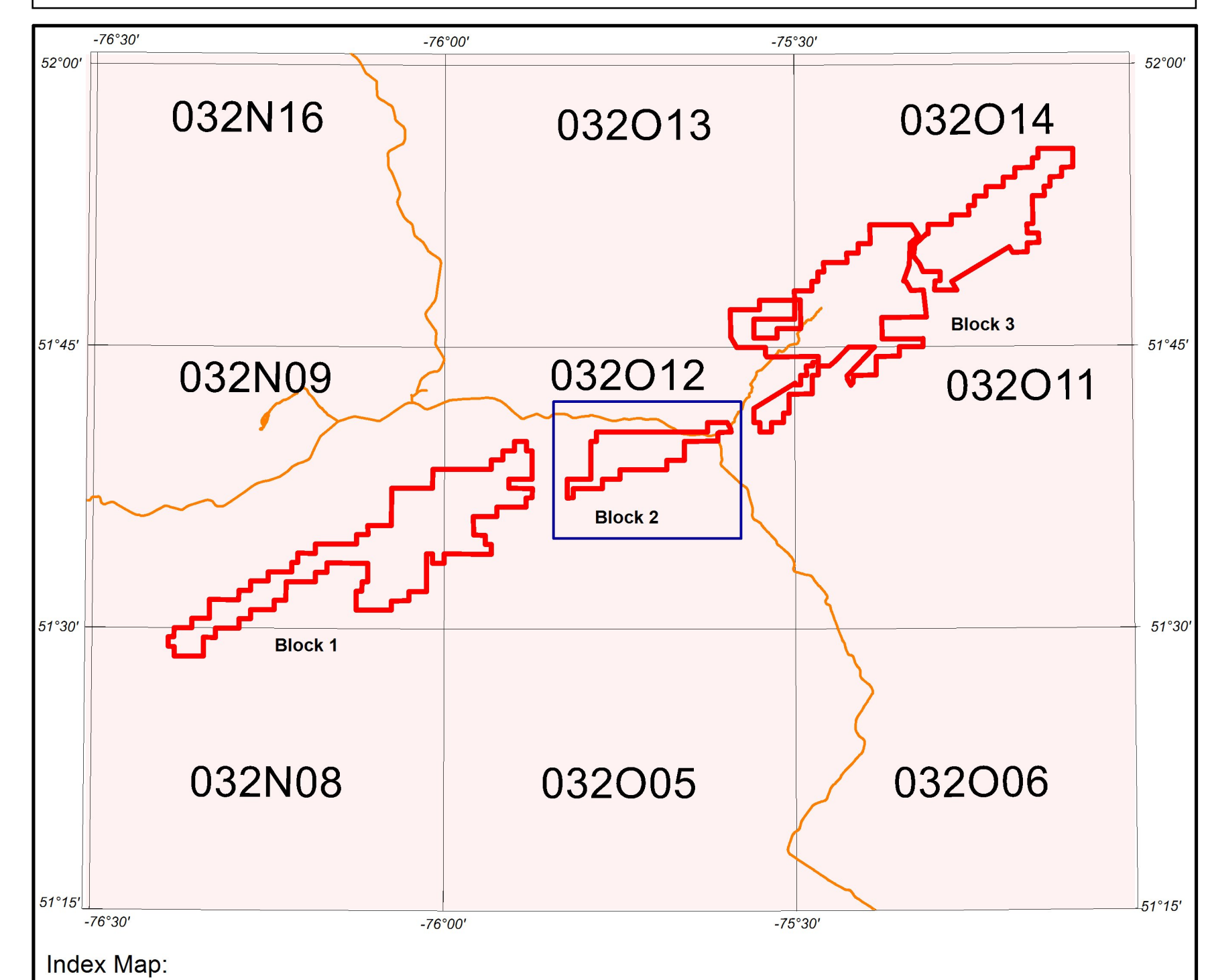
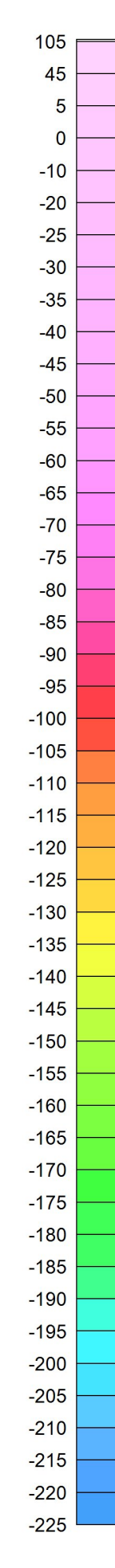
Magnetic Contours
 500 nT
 100 nT
 20 nT
 5 nT
 Magnetic low:

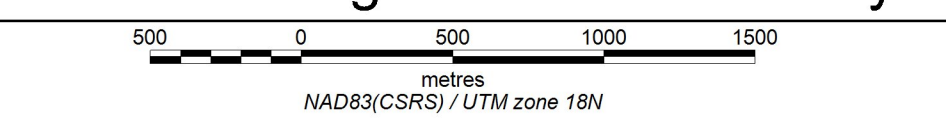
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Data Gridding Cell size: 12.5 m

Planimetric Symbols
 Topographic Contours:
 Drainage:
 Claim Boundary:
 Road:

Topographic and hydrographic information from Geobase Canvec 1:50K.



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Type:	Helicopter-borne Magnetic Survey	
Project:	Quebec's Eeyou Itstchee James Bay Projects	
Area:	New Block 1 and Nisk South properties	
	032O12	
	Shadow: Inc. 45°, Dec. N45°E	
Title:	Residual Magnetic Field Intensity	
Scale:	 NAD83(CSRS) / UTM zone 18N	

GDS
GEO DATA SOLUTIONS GDS INC.

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