

**Specifications and Notes**

**Survey Line Specifications:**  
 Total Line Kilometers: 3982 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-090P)  
 Average Speed: 41.3 m/s  
 Average Flying Height: 20% drape surface, average 38.9 m

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

**Ancillary Equipment**  
 Data Acquisition System: RMS DAARC500  
 Laser Altimeter: Renishaw ILM-1200-R  
 GPS Receiver: Novatel ProPak6  
 GPS Differential Correction: SBAS  
 GPS Sample Rate: 1 Hz

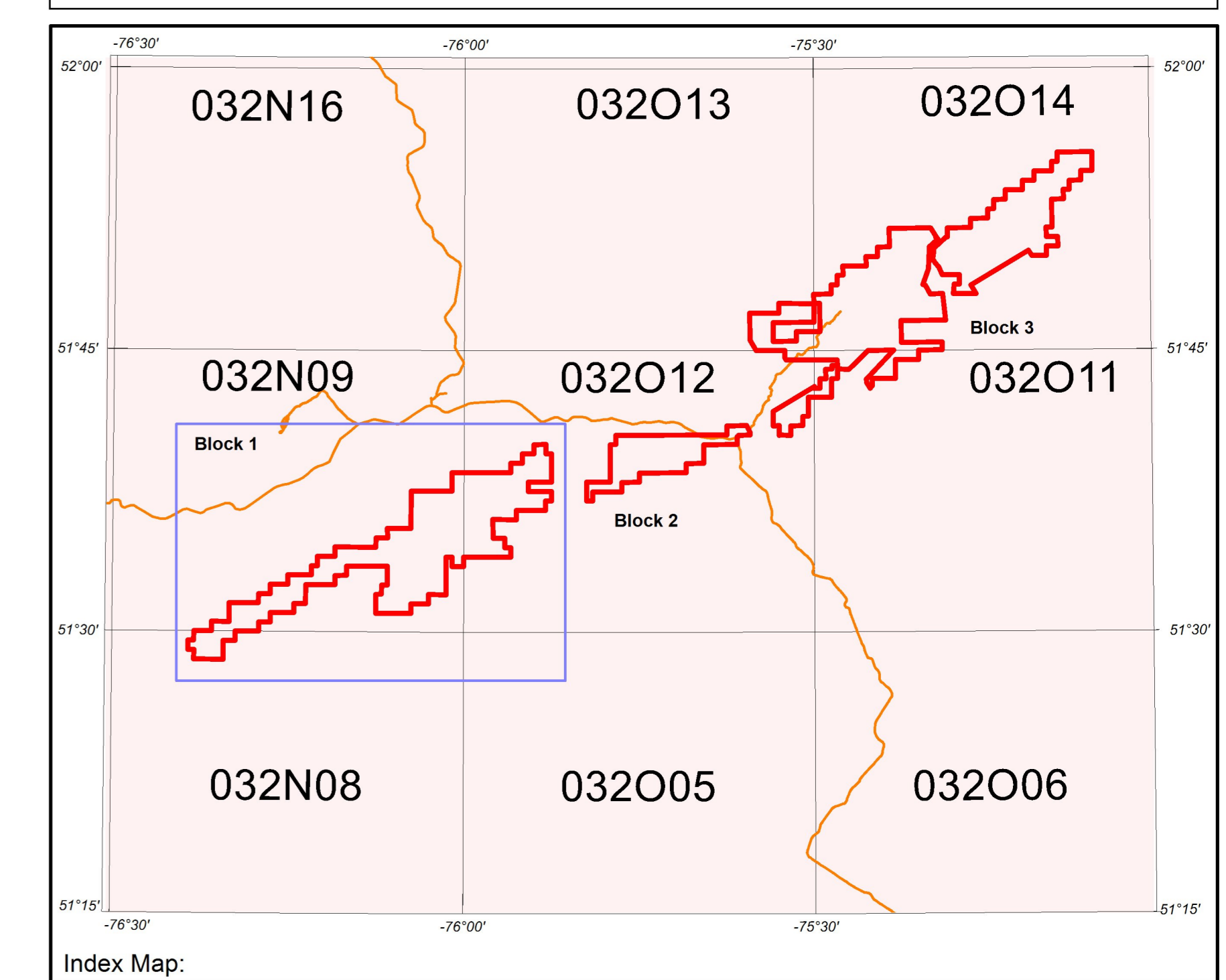
Note:  
 Magnetic data were corrected for diurnal drift and for altitude using the drape surface as reference. Tie-line leveling and micro-leveling were then applied.

Data Gridding Cell size: 12.5 m

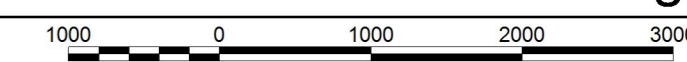
**Planimetric Symbols**  
 Topographic Contours: [Symbol]  
 Drainage: [Symbol]  
 Claim boundary: [Symbol]  
 Road: [Symbol]


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

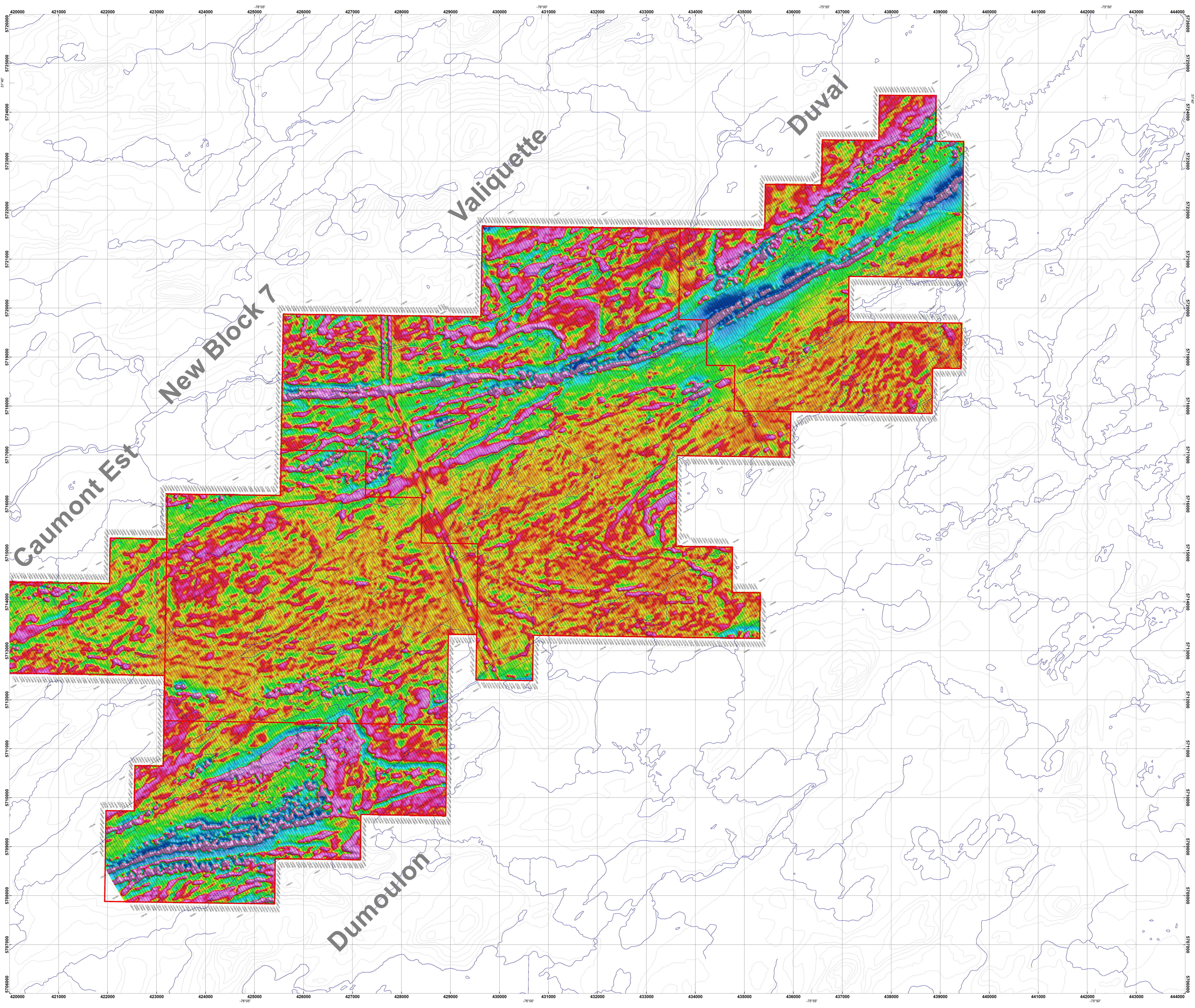
nT/m



Index Map:

Client:	Critical Elements Lithium Corp.	
Type:	Helicopter-borne Magnetic Survey	
Project:	Quebec's Eeyou Istchee James Bay Projects	
Area:	Caumont Est and Ouest, Dumoulin, Duval, New Block 7 and Valiquette properties 032N08, 032N09, 032O12	
Title:	First Vertical Derivative of the Magnetic Field	
Scale:	 NAD83/CSRS/UTM zone 18V	

		<b>GEO DATA SOLUTIONS GDS Inc.</b>	
Project #: P21004	Date: Mar. 26, 2021	Ref #: FVDGE_BLOC1_50K	
Data Processing: M. Moussaoui, P. Eng.	Verification: F. Caty, K. Khan, P. Geo	Approval: M. Moussaoui, P. Eng.	



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**Helicopter Specifications**

Helicopter: AS350 D (C-BOP)  
 Average Speed: 41.3 m/s  
 Average Flying Height: 20% drape surface, average 38.9 m

**Magnetometer Specifications**

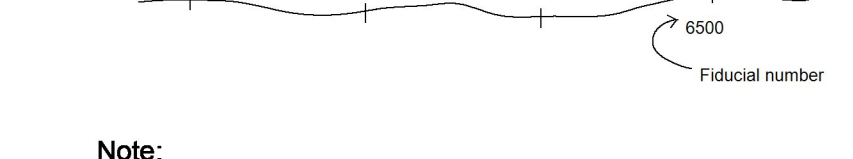
Magnetometer: Geometrics Cesium  
 Magnetometer Installation: Stinger  
 Sample Rate: 10Hz  
 Base Station Magnetometer: GEM GSM-19 Overhauser

**Ancillary Equipment**

Data Acquisition System: RMS DAARCS-R  
 Laser Altimeter: Remisaw 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.



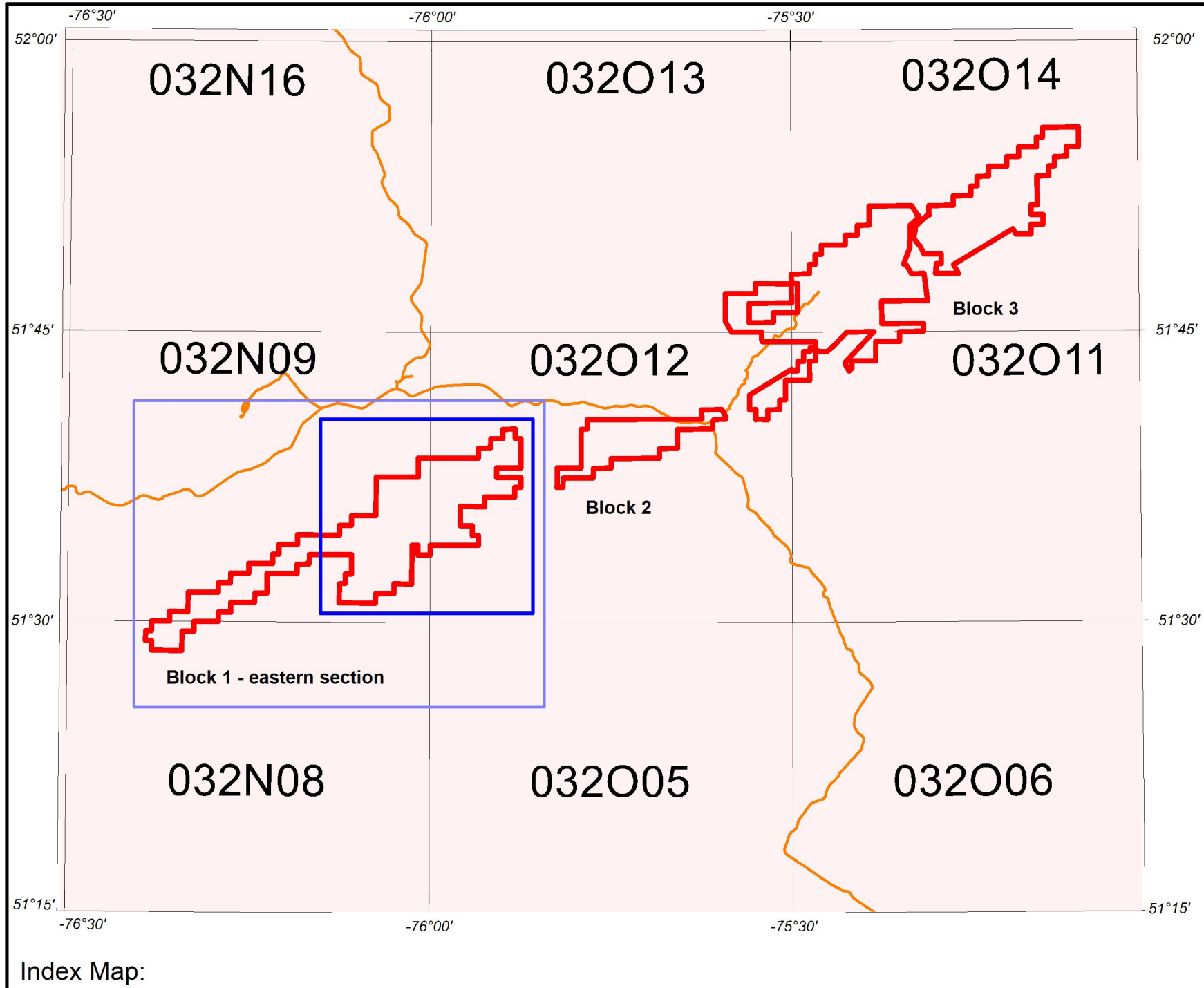
Note: Magnetic data were corrected for diurnal drift and for altitude using the drape surface as reference. Tie-line levelling and micro-levelling were then applied.

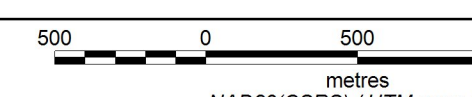
Data Gridding Cell size: 12.5 m


**Planimetric Symbols**

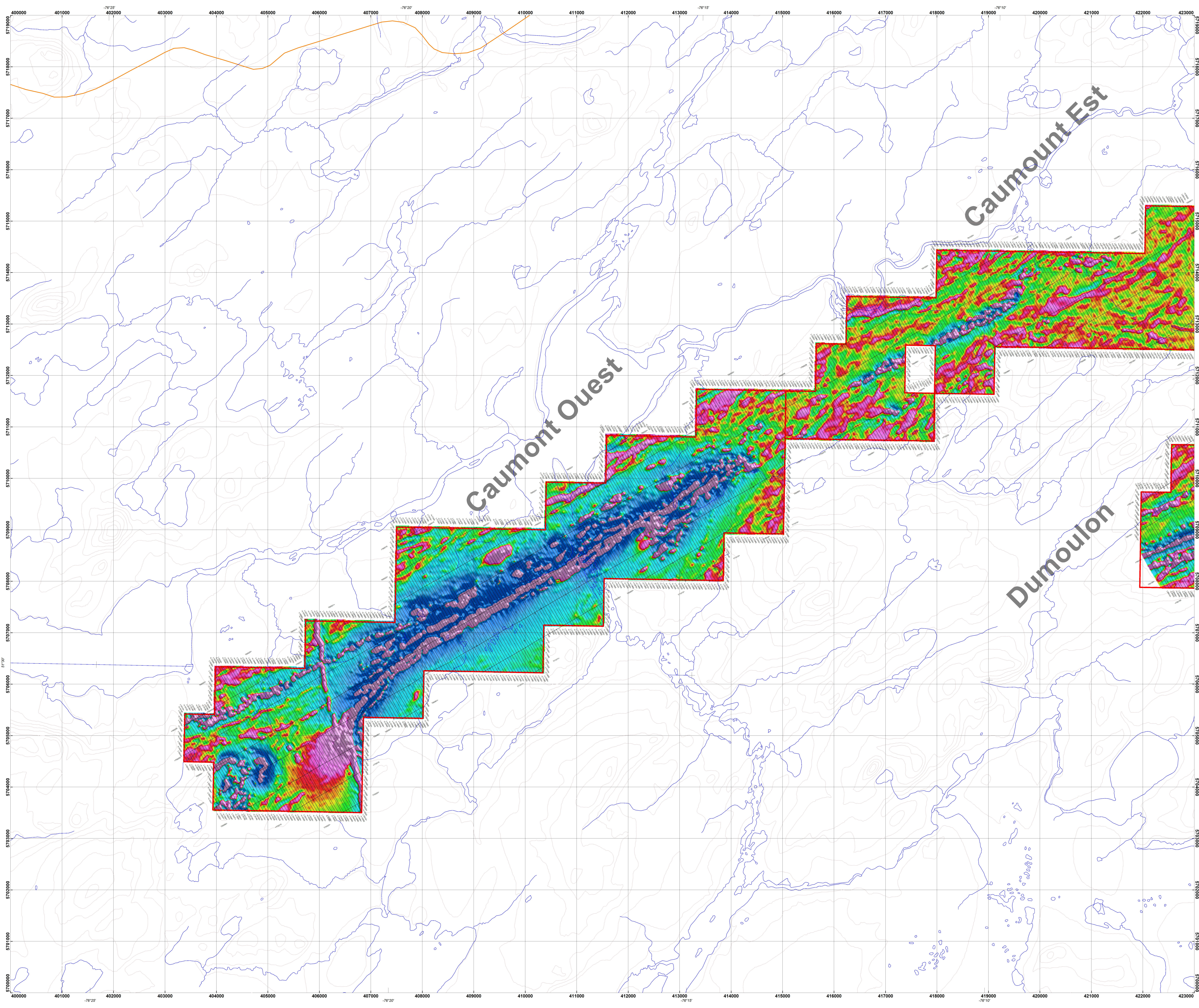


Topographic and hydrographic information from Geobase Carvec 1:50K.



Client:	Critical Elements Lithium Corp.
Type:	Helicopter-borne Magnetic Survey
Project:	Quebec's Eeyou Istchee James Bay Projects
Area:	Caumont Est, Dumoulon, Duval, New Block 7 and Valiquette properties 032N09, 032O12
Title:	Shadow: Inc. 45°, Dec. N45°E First Vertical Derivative of the Magnetic Field
Scale:	 NAD83(CSRS) / UTM zone 18N

 <b>GEO DATA SOLUTIONS GDS Inc.</b>		
Project #: P21004	Date: Mar. 26, 2021	Ref #: FVDCE_BLOC1_ESTN_25K
Data Processing: M. Moussoui, P. Eng.	Verification: F. Caty, K. Khan, P. Geo	Approval: M. Moussoui, P. Eng.



### Specifications and Notes

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 False Northing: 0

**Helicopter Specifications**  
 Helicopter: AS350 D (C-GBOP)  
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 Sample Rate: 10Hz  
 Base Station Magnetometer: GEM GEM-19 Overhauser

**Ancillary Equipment**  
 Data Acquisition System: RMS DAARC500  
 Laser Altimeter: Renishaw 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.

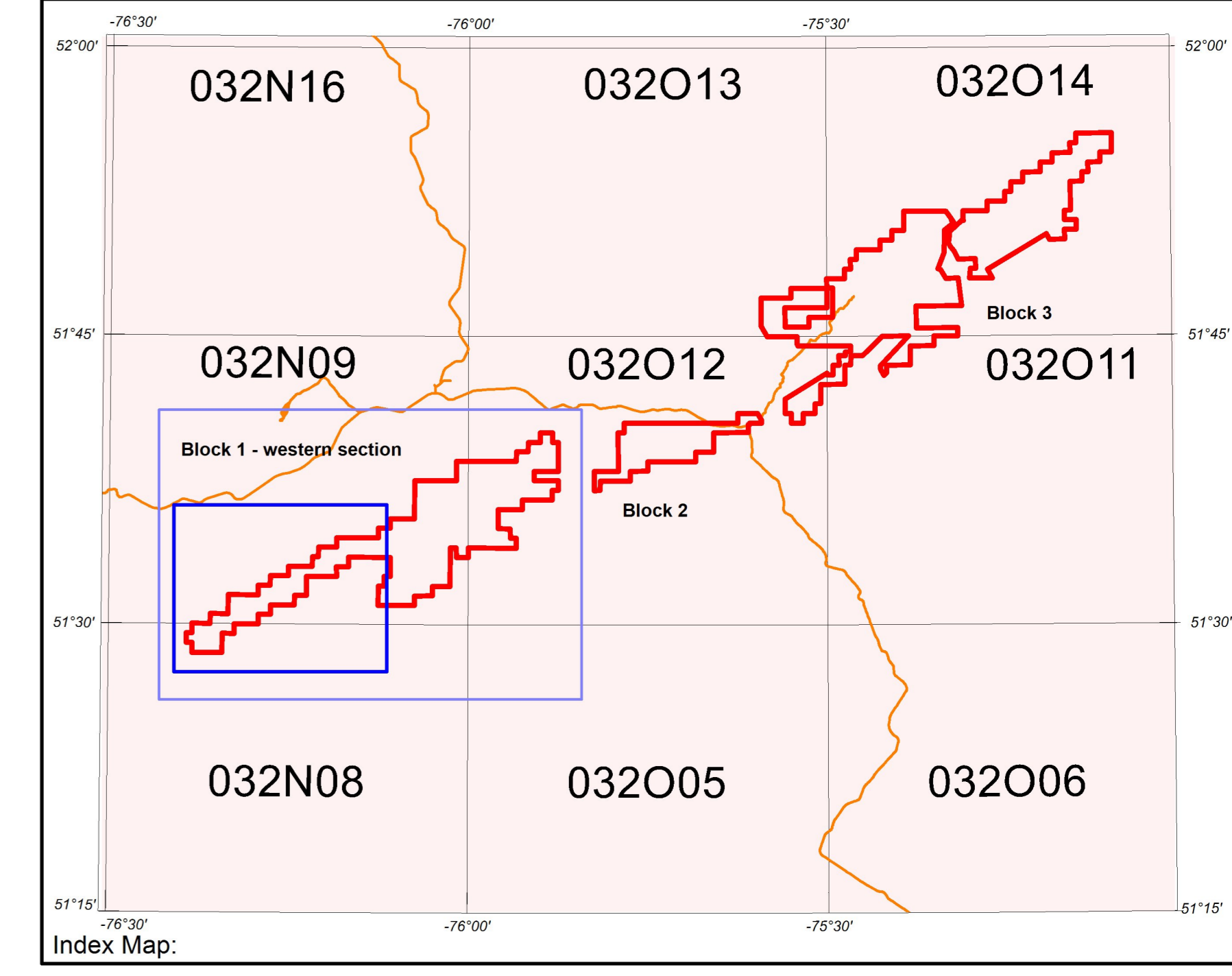
Note:  
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Data Gridding Cell size: 12.5 m

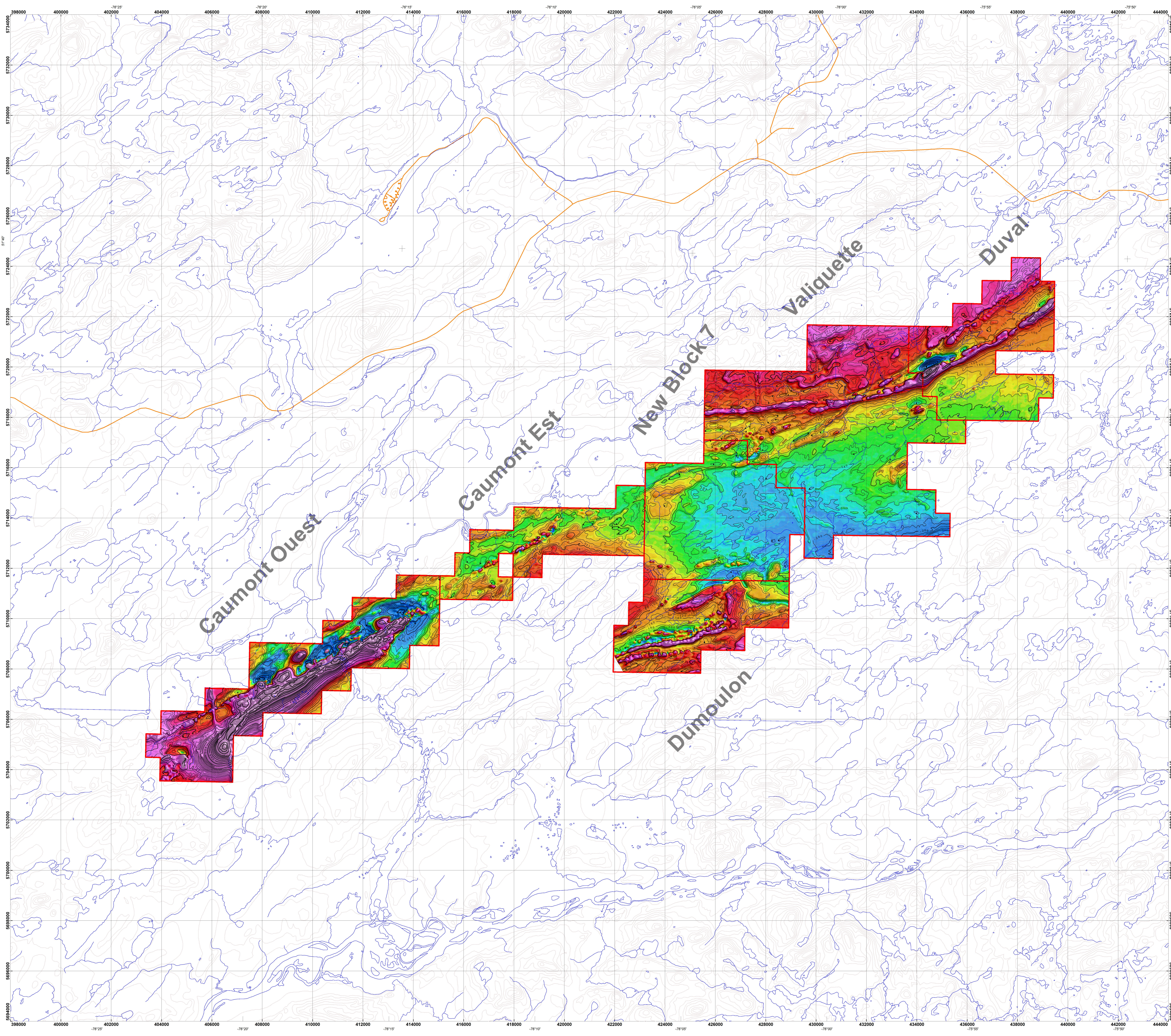
**Planimetric Symbols**  
 Topographic Contours: [Symbol]  
 Drainage: [Symbol]  
 Claim boundary: [Symbol]  
 Road: [Symbol]

nT/m

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



Client:	Critical Elements Lithium Corp.	
Type:	Helicopter-borne Magnetic Survey	
Project:	Quebec's Eeyou Istchee James Bay Projects	
Area:	Dumoulin, Caumont Est and Ouest properties 032N08, 032N09	
Title:	Shadow, Inc. 45° Dec. N45°E First Vertical Derivative of the Magnetic Field	
Scale:	[Scale bar: 0, 500, 1000, 1500 meters] NAD83(CSRS) / UTM Zone 18N	



**Specifications and Notes**

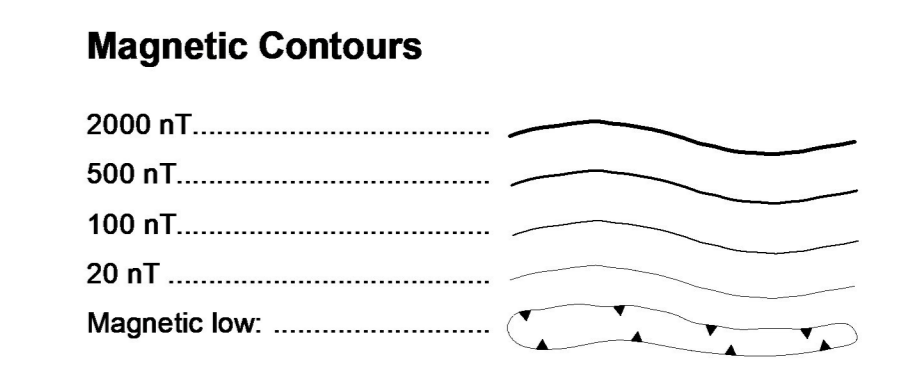
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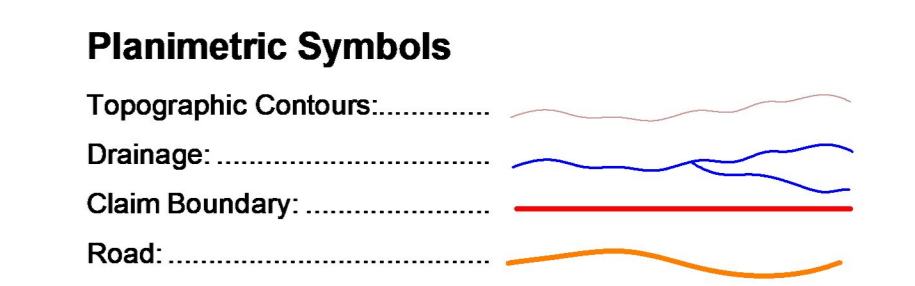
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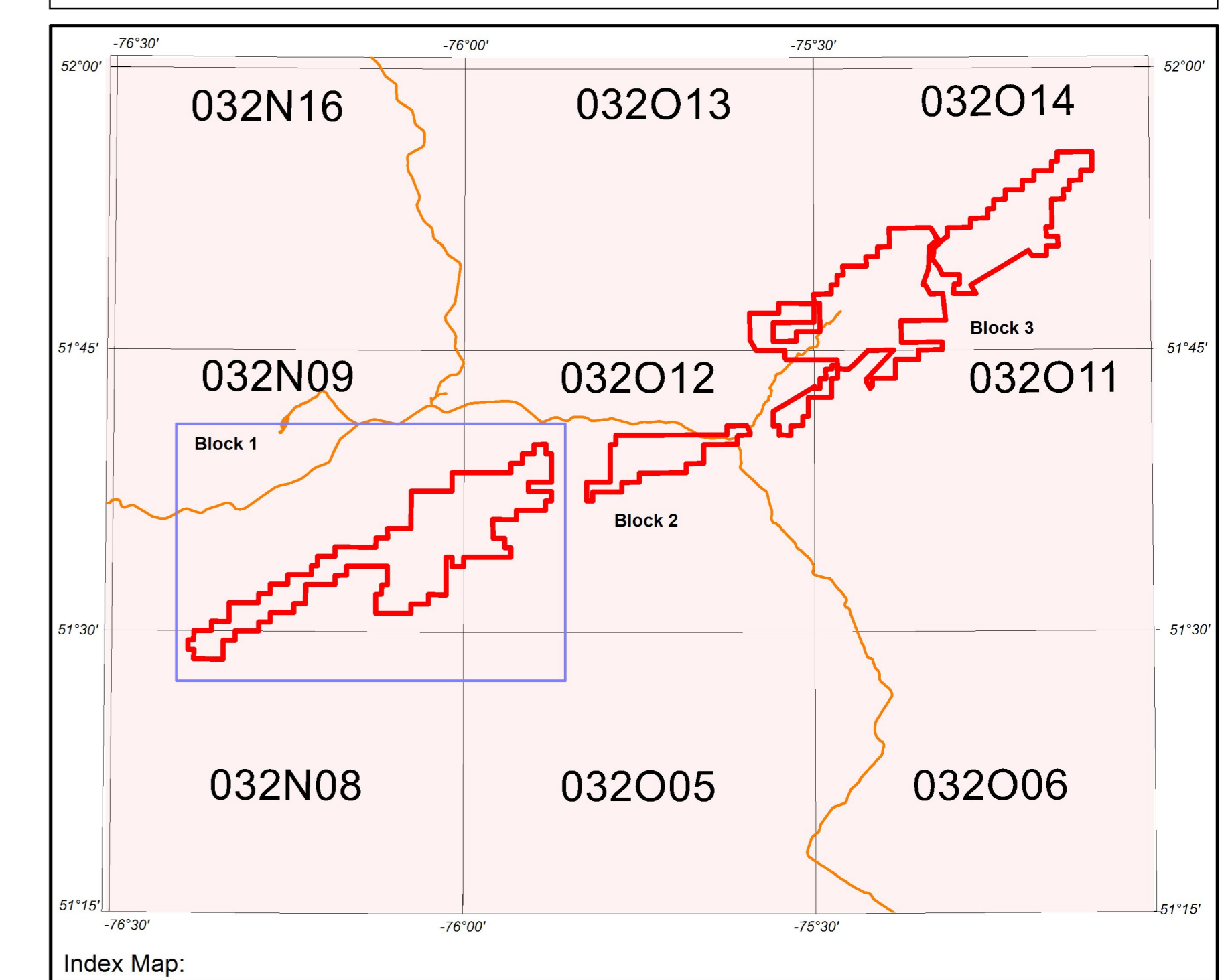
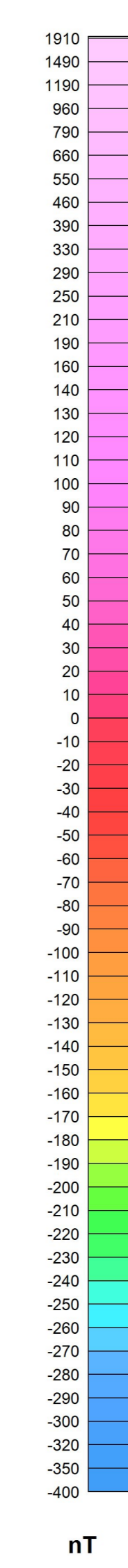


Note: Magnetic data were corrected for diurnal drift and for altitude using the drape surface as reference. Tie-line levelling and micro-levelling were then applied.

Data Gridding Cell size: 12.5 m

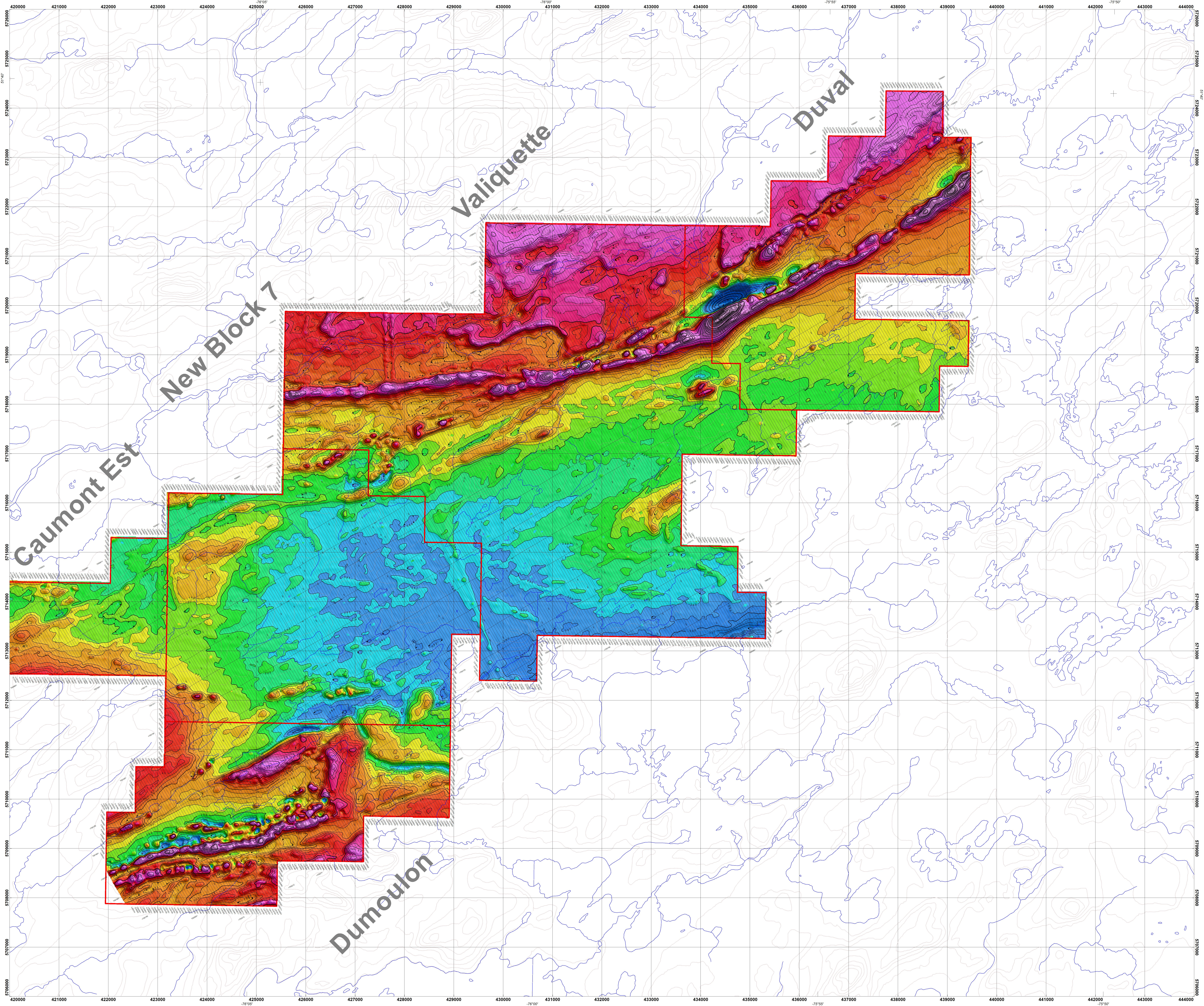


Topographic and hydrographic information from Geobase Carvec 1: 50K.



Client:	Critical Elements Lithium Corp.	
Type:	Helicopter-borne Magnetic Survey	
Project:	Quebec's Eeyou Istchee James Bay Projects	
Area:	Caumont Est and Ouest, Dumoulon, Duval, New Block 7 and Valiquette properties 032N08, 032N09, 032O12	
Title:	Residual Magnetic Field Intensity	
Scale:		

Project #: P21004	Date: Mar. 26, 2021	Ref #: RMFCE_BLOC1_50K
Data Processing: M. Moussoui, P. Eng.	Verification: F. Caty, K. Khan, P. Geo	Approval: M. Moussoui, P. Eng.



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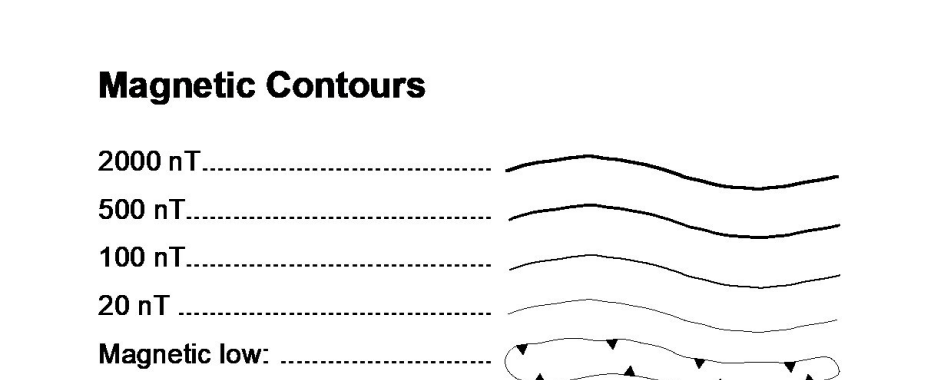
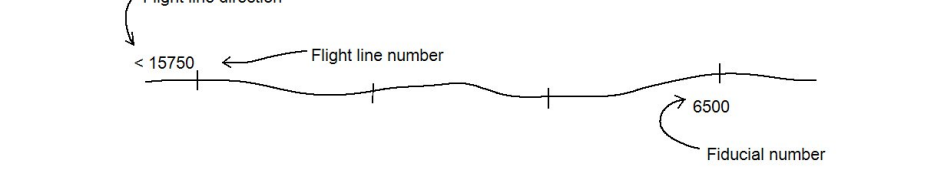
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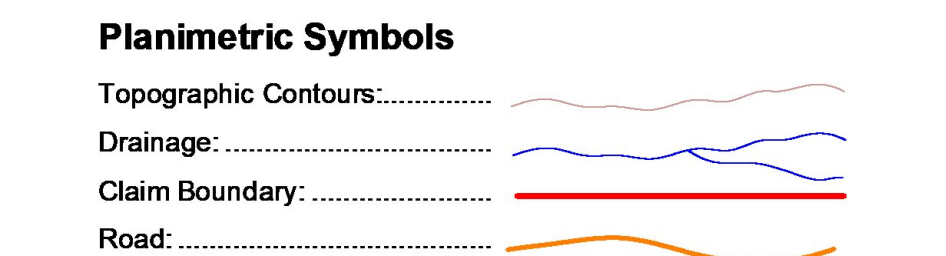
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 GPS Receiver: Novatel ProXR6  
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 GPS Sample Rate: 1 Hz

**Flight Path**  
 GPS data recorded during flight were corrected using Canadian Spatial Reference System: "Precise Point Positioning" method.

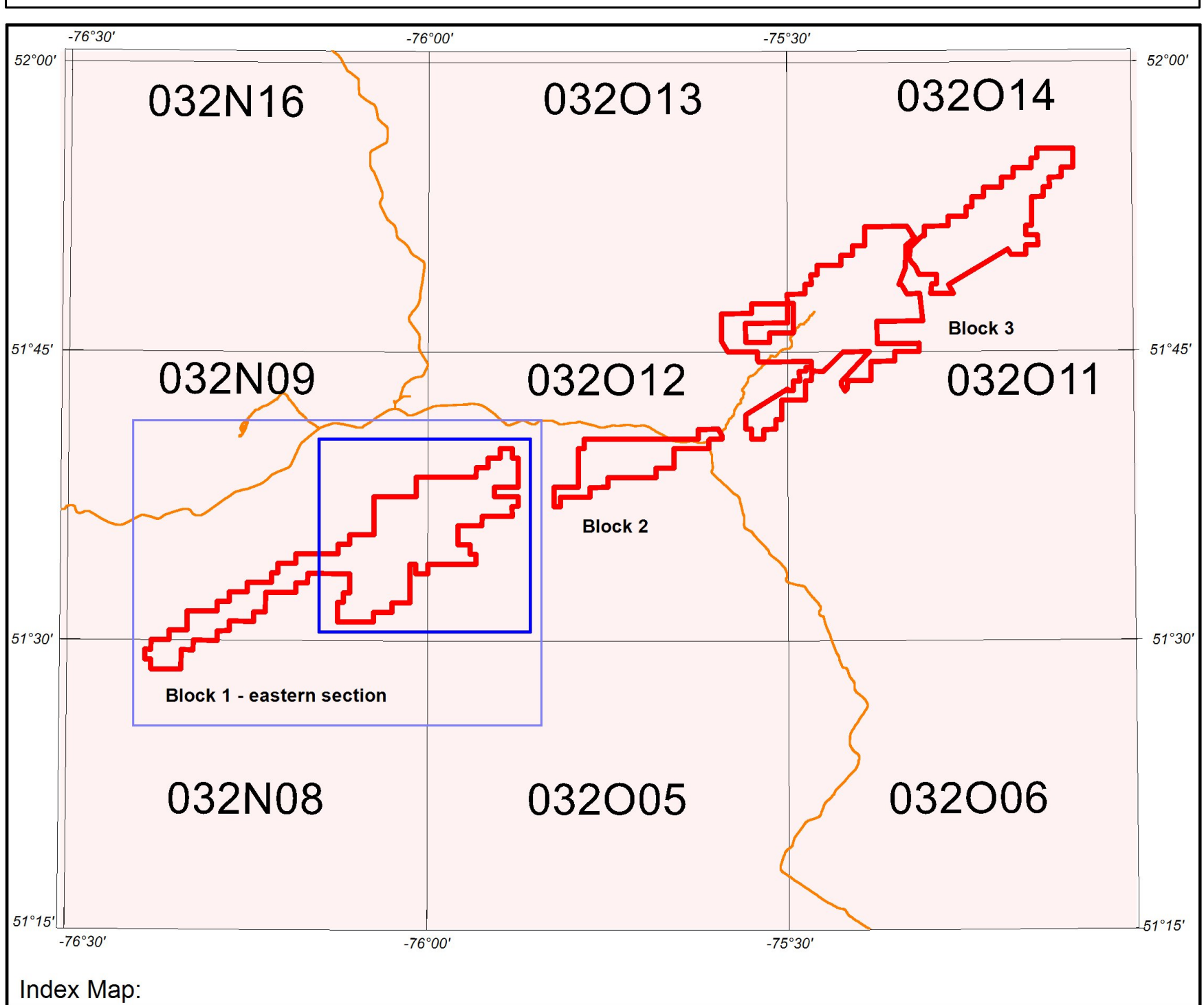


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Data Grid Cell size: 12.5 m

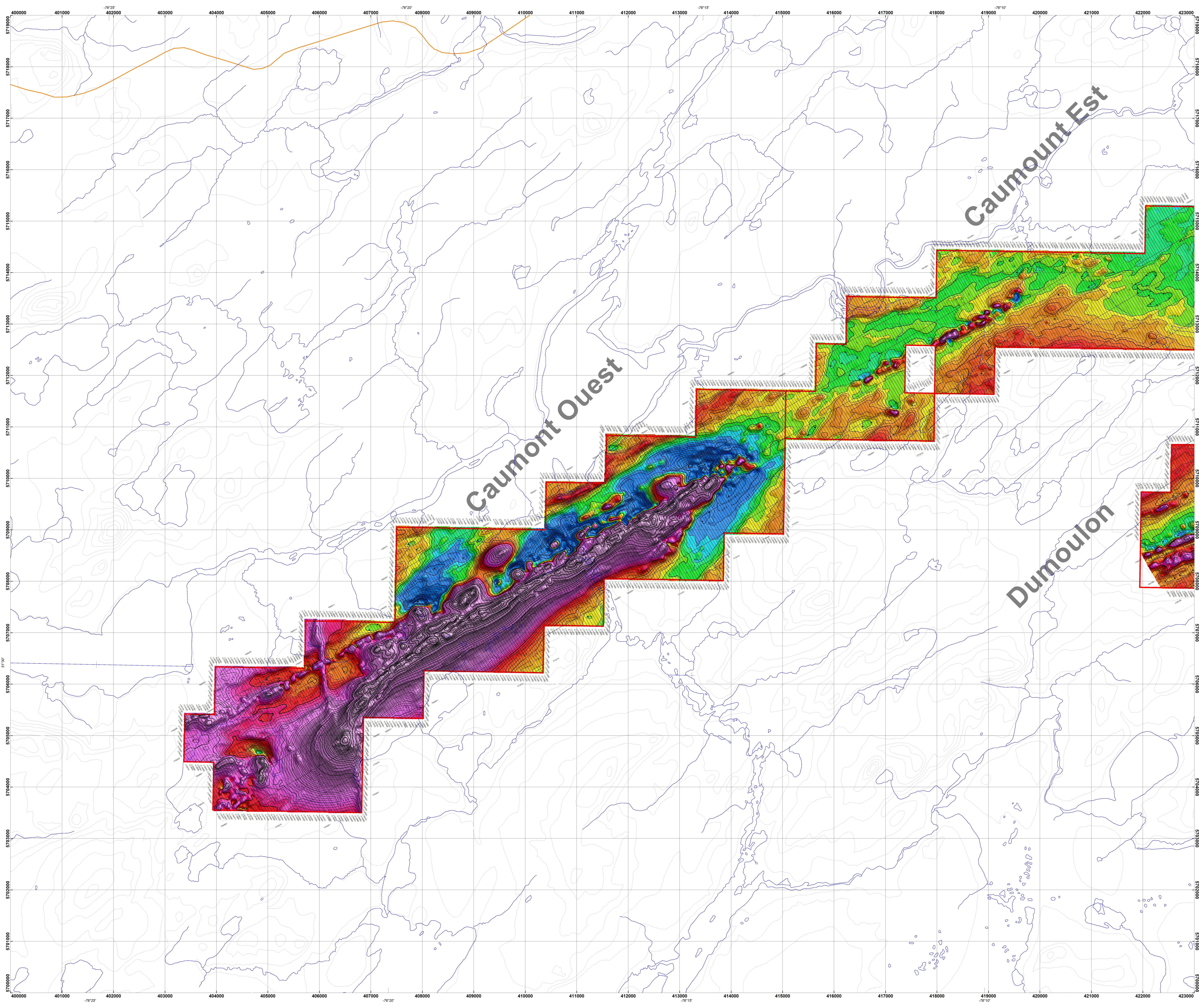


Topographic and hydrographic information from Geobase Curves: 1:50K



Client:	Critical Elements Lithium Corp.	
Type:	Helicopter-borne Magnetic Survey	
Project:	Quebec's Eeyou Istchee James Bay Projects	
Area:	Caumont Est, Dumoulon, Duval, New Block 7 and Valiquette properties 032N09, 032O12	
Title:	Residual Magnetic Field Intensity Shadow: Inc. 45°, Dec. N45°E	
Scale:		

 <b>GEO DATA SOLUTIONS GDS INC.</b>		
Project #: P21004	Date: Mar. 26, 2021	Ref #: RMFCE_BLOC1_ESTN_25K
Data Processing: M. Moussouli, P. Eng.	Verification: F. Caty, K. Khan, P. Geo	Approval: M. Moussouli, P. Eng.



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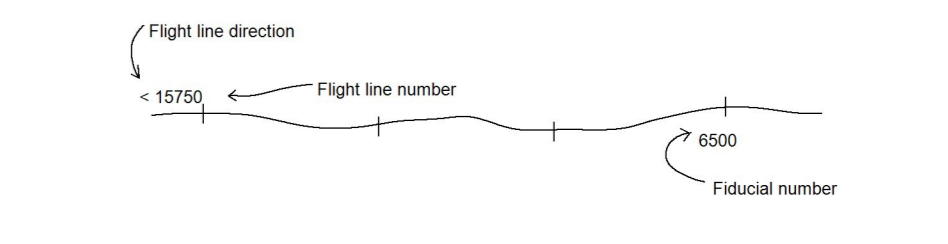
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 GPS Sample Rate: 1 Hz

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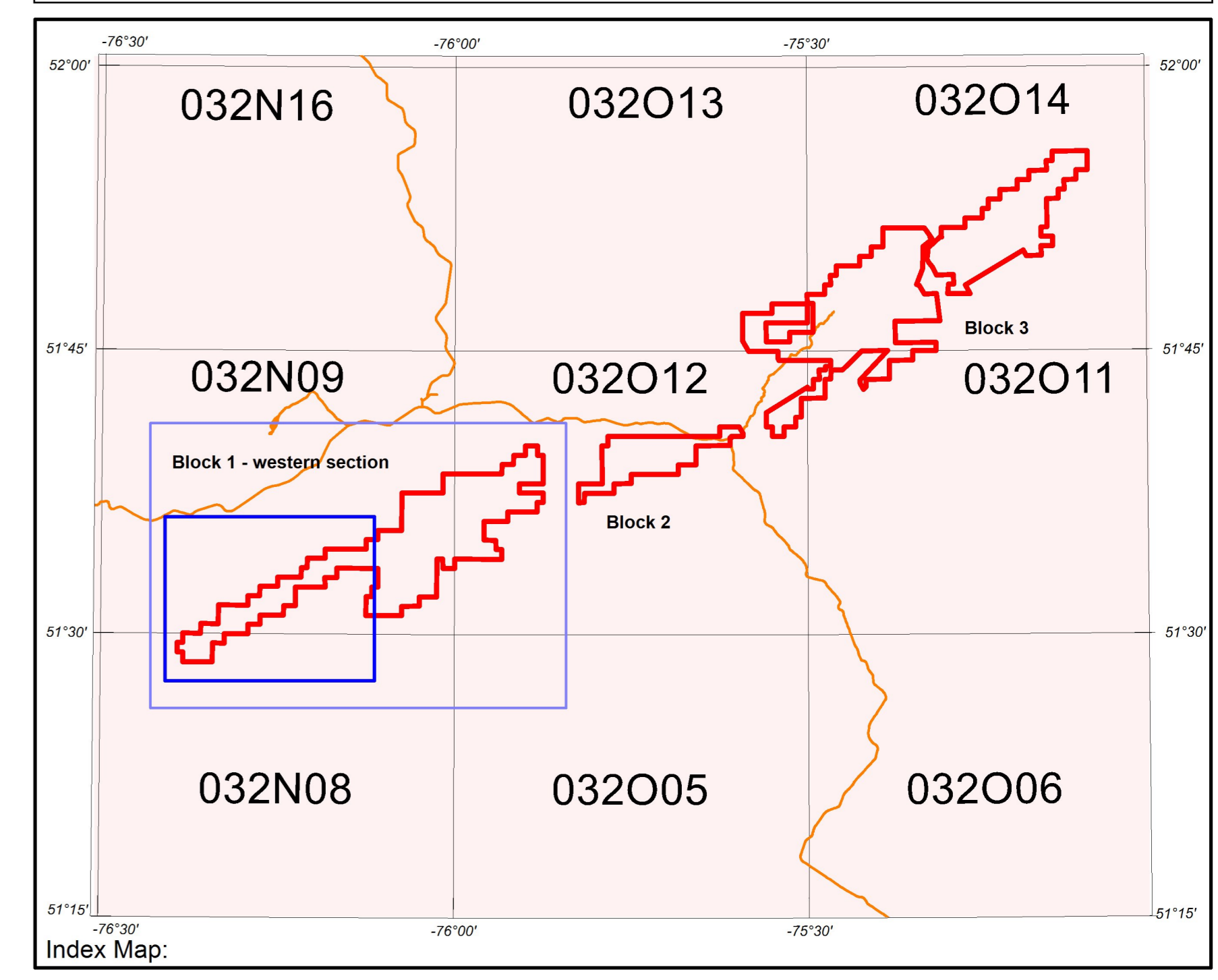
**Magnetic Contours**  
 2000 nT  
 500 nT  
 100 nT  
 20 nT  
 Magnetic low

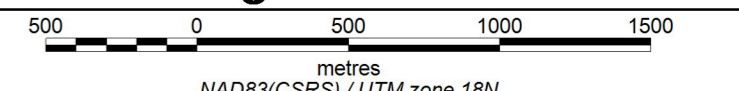
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**Planimetric Symbols**  
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 <b>GEO DATA SOLUTIONS GDS Inc.</b>		
Project #: P21004	Date: Mar. 26, 2021	Ref #: RMFCE_BLOC1_WSTN_25K
Data Processing: M. Moussaoui, P. Eng.	Verification: F. Caty, K. Khan, P. Geo	Approval: M. Moussaoui, P. Eng.