



ABITIBI
GEOPHYSICS

MUSTANG MINERALS CORP.

GROUND TDEM SURVEY IN-LOOP CONFIGURATION

EAST BULL LAKE PROJECT

GEROW AND BOON TOWNSHIPS,
DISTRICT OF ALGOMA, ONTARIO, CANADA

INTERPRETATION REPORT

11N098

DECEMBER 2011



Patent No.:US 7,116,107 B2



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ABSTRACT

*On behalf of Mustang Minerals Corp., a ground TDEM survey (in-loop) was carried out over the **East Bull Lake Project**, located in the Gerow and Boon Townships at about 80 km west of Sudbury, Ontario, Canada. The objectives of the survey were to detect, locate and define the geometry of buried conductive zones associated with nickel/copper and PGM mineralization, as well as to propose a follow-up program over the most promising anomalies.*

*The TDEM survey was carried out in **November, 2011**. In total, **21.125 line-km** were covered on four grids (Parisien Lake, Bullfrog East, Bullfrog West and Lodge North). Survey specifications, instrumentation control, data acquisition, processing and interpretation were all successfully performed within our Quality System framework.*

*A total of **seven anomalies** were identified from the TDEM ground survey. **Parisien Lake grid**: three anomalies (from **EM-PL-01** to **EM-PL-03**); **Bullfrog West grid**: four anomalies (from **EM-BW-01** to **EM-BW-04**). These anomalies exhibit the typical signature of disseminated sulphide sources.*

*We propose a follow-up prospecting/drilling on **seven different targets** and survey extension on the Parisien and Bullfrog West grids.*

1. THE MANDATE

- | | |
|--|--|
| <input type="checkbox"/> <i>PROJECT ID</i> | East Bull Lake Project
Parisien Lake, Bullfrog East, Bullfrog West and Lodge North grids
(Our reference: 11N098) |
| <input type="checkbox"/> <i>GENERAL LOCATION</i> | East Bull Lake intrusion
District of Algoma, Ontario, Canada |
| <input type="checkbox"/> <i>CUSTOMER</i> | Mustang Minerals Corp.
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Toronto, ON M5H 2M5

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www.mustangminerals.com |
| <input type="checkbox"/> <i>REPRESENTATIVE</i> | Mr. David Stevenson, P.Geo.
VP Corporate Development
dbs@mustangminerals.com |
| <input type="checkbox"/> <i>SURVEY TYPE</i> | Ground TDEM Survey , configuration in-loop |
| <input type="checkbox"/> <i>GEOPHYSICAL OBJECTIVES</i> | <ul style="list-style-type: none"> • To detect, locate and define the geometry of buried conductive zones associated with nickel/copper, PGM mineralization. • To propose a follow-up program over the most promising anomalies. |

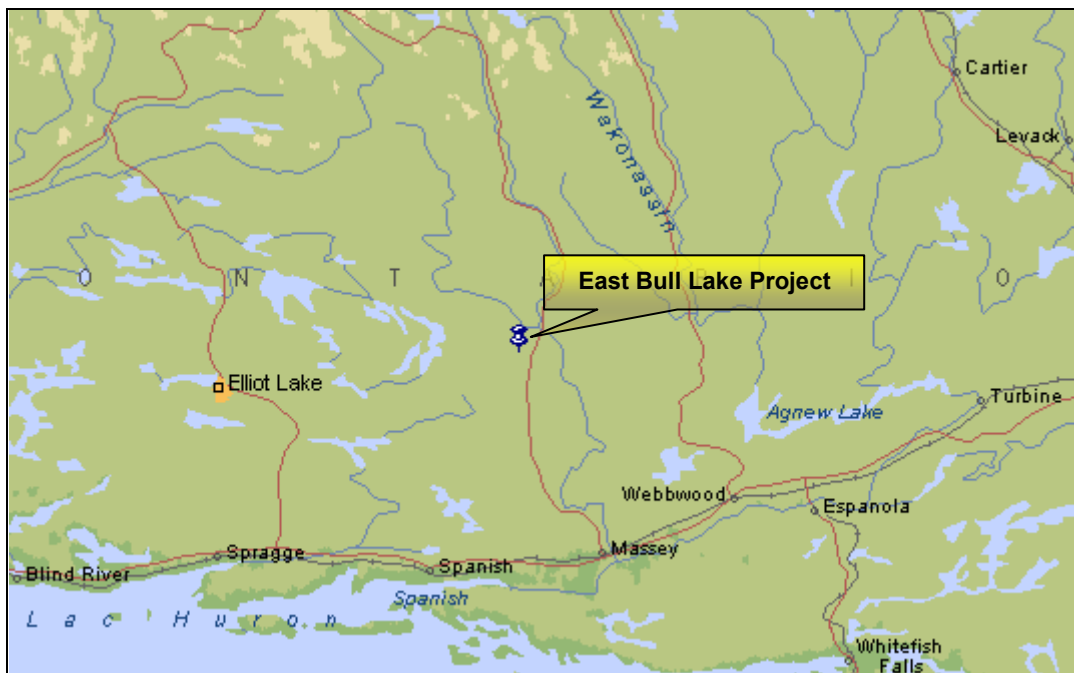


FIGURE 1. GENERAL LOCATION OF THE EAST BULL LAKE PROJECT

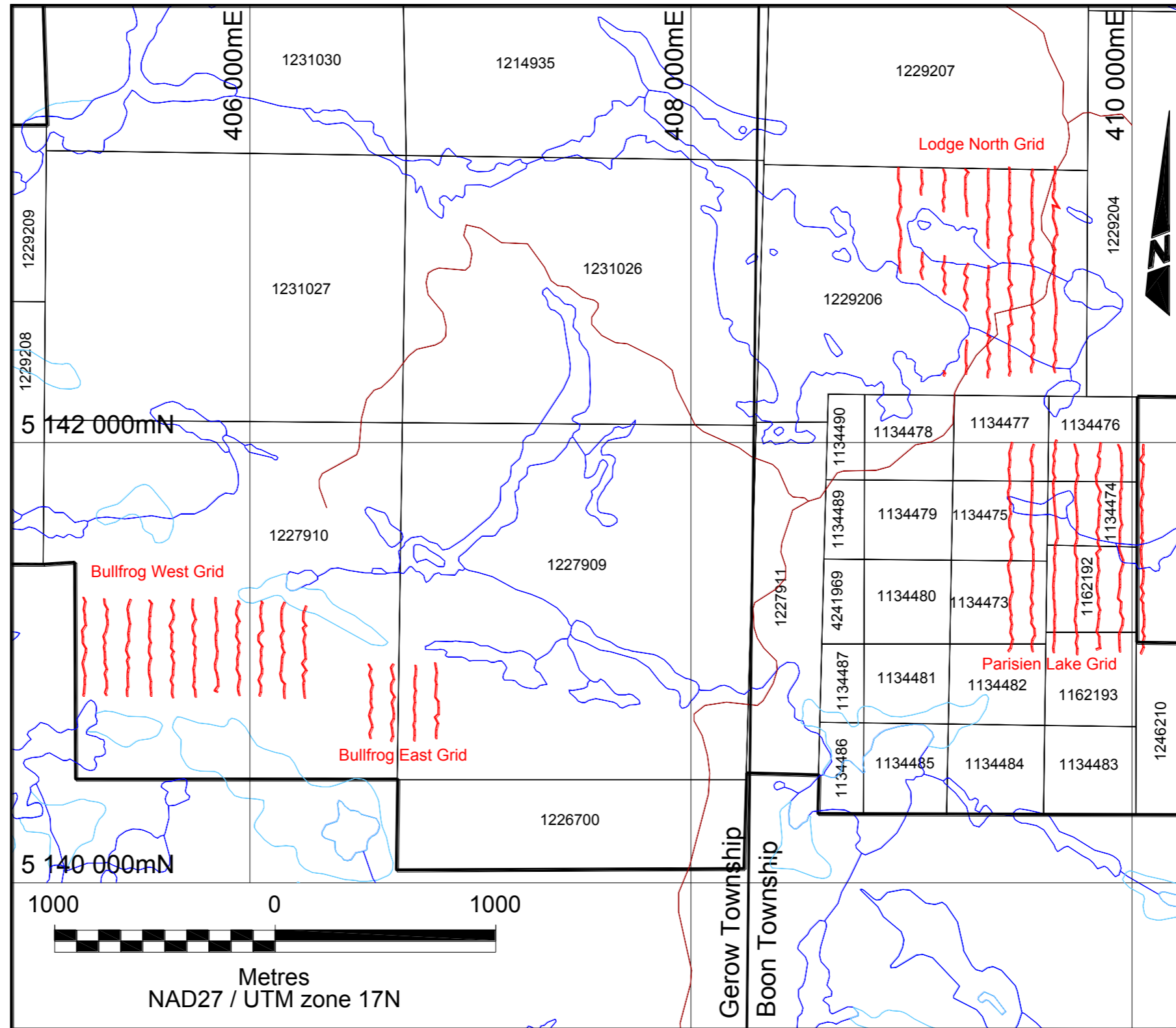


FIGURE 2. SURVEY GRIDS AND CLAIMS

□ **TDEM IN-LOOP CONFIGURATION**

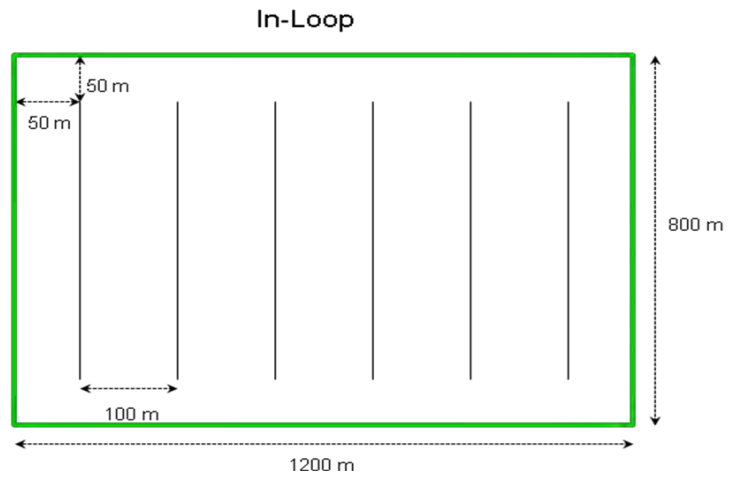


FIGURE 3. TDEM IN-LOOP CONFIGURATION

□ **TDEM TRANSMITTER (Tx)**

TerraScope Instruments **Pro 5U**, s/n 0006
 Power supplies: Voltmaster 13000 long run
 Maximum output: 12 kW or 25 A or 600 V
 Transmitted signal: bipolar wave, 50% duty cycle
 Repetition rate: 30 Hz ($T/A = 8.33$ ms)

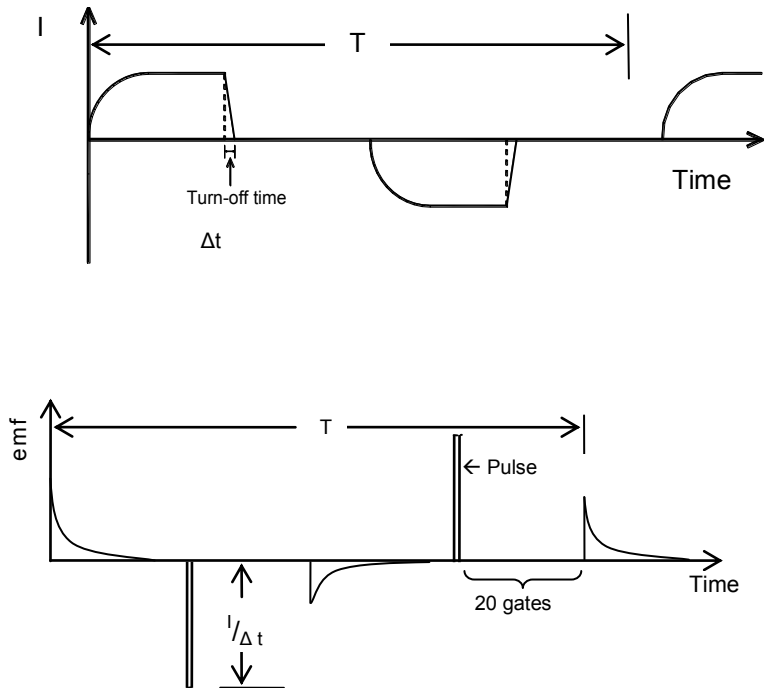


FIGURE 5. ELECTROMOTIVE FORCE WAVEFORM GENERATED IN THE GROUND

□ *TDEM RECEIVER (Rx)*

Digital receiver: **EMIT SMARTem 24**, s/n 1186
 Tx synchronization: GPS (Tx controller, s/n 1202)
 Integration time: 3 cycle of 756 stacks
 Start of integration: 100 μ s from end of trailing edge
 Number of gates: 20 geometrically spaced
 Additional delay: 0 μ s

Table 2. SMARTem 24 time gate locations

Gate #	Delay (ms)	Width (ms)
1	0.0995	0.025
2	0.1245	0.031
3	0.1540	0.0385
4	0.1910	0.0478
5	0.2375	0.0594
6	0.2950	0.0737
7	0.3660	0.0915
8	0.4545	0.1136
9	0.5645	0.1411
10	0.7005	0.1751
11	0.8695	0.2174
12	1.0800	0.2699
13	1.3405	0.3351
14	1.6640	0.416
15	2.0660	0.5165
16	2.5645	0.6412
17	3.1840	0.796
18	3.9530	0.9883
19	4.9075	1.227
20	6.0925	1.523

❑ *SURFACE SENSORS*

Geonics **3D-3** induction coil, s/n 303 and 501
 Simultaneous measurement of the Z, X and Y components.
 Effective area: 200 m²



❑ *POLARITY CONVENTION*

Z: vertical, positive upward

X: horizontal, positive to the N grids

Y: horizontal, positive to the W grids

❑ *SOFTWARES*

Geonics PROTEM: Rx data transfer to PC via RS232.

EMIT Maxwell: Data processing, plotting and interpretation.

❑ *QUALITY CONTROL*
(RECORDS AVAILABLE UPON REQUEST)

Before the survey:

- ✓ Transmitter & motor generator were checked for maximum output using calibrated loads.
- ✓ GSC geomagnetic forecasts were consulted.

Daily and prior to data acquisition:

- ✓ The battery voltage of each receiver was checked.
- ✓ The polarity of the primary field was verified on each receiver.
- ✓ Receivers were calibrated and accurately synchronized to the transmitter prior to and during data acquisition.
- ✓ The crystal drifts have been thoroughly monitored and recorded throughout the entire survey period. The averaged daily drifts were calculated and are well within quality control specifications.

At the Base of Operations:

- ✓ Field QCs were inspected & validated.
- ✓ X, Y & Z - Primary field components polarity was checked & corrected if required.

Survey noise evaluation:

- ✓ No geomagnetic activity was observed throughout the survey period.
- ✓ No abnormal instrumental noise was detected during the survey.
- ✓ The background geological noise is evaluated approximately at 0.15 nV/Am².

4. DATA PROCESSING AND DELIVERABLES

NORMALIZATION OF THE TDEM MEASUREMENTS

The Geonics field measurements were converted from mV to nV/Am² (nT/A-s) units, according to current intensity inside the loop and effective surface area of the Rx antenna.

$$\frac{nV}{Am^2} = \frac{V * 192}{A * 2^n * S / 100}$$

where V = measured voltage at the Rx coil (mV),
 n = gain of each reading,
 S = effective surface area (m²) of the Rx coil,
 A = current inside the loop.

The SMARTem data was collected in nV/Am².

STACKED PROFILES

The ground vertical (Z) and horizontal (X, Y) components were plotted along with the vertical primary field using Maxwell software. Refer to Appendix B for the stacked EM profiles. Each interpreted anomalies is identified on the profiles with a diamond “◆”.

X & Z COMPONENTS COLOR MAPS

For each grid, the contoured color maps of the Z and X (maps 6.4 & 6.5) components represent the integration of time channels 10 to 20. This process involves each channel value to be multiplied by its time length. The sum of all values is then normalized by the whole time length of the selected channels. This integration process thus results as the equivalent of a smoothed channel 15th signal. This group of channels was selected in order to emphasize on late-time TDEM signal diffusion stage, characteristic of better conductors.

SUPPLIED MAPS

The following maps are inserted in a pouch at the end of this report. Our quality system requires that every final map be inspected by at least two qualified persons before being approved and included within a final report.

Table 3. Description of maps produced

Map #	Description	Scale
Bullfrog West grid		
Stacked profiles (11)	Ground InfinitiTEM [®] Survey – Stacked Profiles.	1:5 000
6.4_bw	Ground TDEM Survey – Z Component Contours - Channels 12 to 20 (nV/Am ²)	1:2 500
6.5_bw	Ground TDEM Survey – X Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
10.0_bw	Geophysical Interpretation and Transmitting Loop Outlines	1:2 500
Bullfrog East grid		
Stacked profiles (4)	Ground InfinitiTEM [®] Survey – Stacked Profiles.	1:2 500
6.4_be	Ground TDEM Survey – Z Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
6.5_be	Ground TDEM Survey – X Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
10.0_be	Geophysical Interpretation and Transmitting Loop Outlines	1:2 500
Parisien Lake grid		
Stacked profiles (7)	Ground InfinitiTEM [®] Survey – Stacked Profiles.	1:2 500
6.4_pl	Ground TDEM Survey – Z Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
6.5_pl	Ground TDEM Survey – X Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
10.0_pl	Geophysical Interpretation and Transmitting Loop Outlines	1:2 500
Lodge North grid		
Stacked profiles (8)	Ground InfinitiTEM [®] Survey – Stacked Profiles.	1:5 000
6.4_in	Ground TDEM Survey – Z Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
6.5_in	Ground TDEM Survey – X Component Contours - Channels 10 to 20 (nV/Am ²)	1:2 500
10.0_in	Geophysical Interpretation and Transmitting Loop Outlines	1:2 500

DIGITAL DATA

The above-described maps are delivered in the Oasis Montaj map file format on DVD-Rom. A copy of all survey acquisition data is delivered on DVD-Rom. This includes TEM *ascii* files (.TEM) of each surveyed line.

5. INTERPRETATION & RECOMMENDATIONS

PARISIEN LAKE GRID

QUALITATIVE INTERPRETATION

A total of three ground anomalies (**EM-PL-01** to **EM-PL-03**) have been detected over the Parisien Lake grid (table 4). All are moderately conductive and relatively well defined. They are roughly oriented E-W and except for **EM-PL-03**, they are open-ended to the west side. These conductive trends are likely caused by disseminated sulphide mineralisation. An inferred fault oriented roughly NE with a dextral apparent movement is interpreted on the Parisien Lake grid.

EM-PL-01 is a moderate conductor interpreted over 300 m, oriented N090° and open-ended to the west. **EM-PL-01** seems limited to the east by a fault. Survey extension to the west is strongly recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching). Also, follow-up drilling is suggested on L304E.

EM-PL-02 is a moderate conductor interpreted over 300 m, oriented N085° and open-ended to the west. **EM-PL-02** seems segmented by a fault into two individual conductive sources. Survey extension to the west is strongly recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L302E. Also, follow-up drilling is suggested on L304E.

EM-PL-03 is a single line anomaly forming an outcropping and moderate conductor. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching).

The interpreted anomalies are represented by the symbol “◆” on the profiles (appendix B) and are plotted on the *Geophysical Interpretation and Transmitting Loop Outlines* map (10.0_pl).

BULLFROG EAST GRID

QUALITATIVE INTERPRETATION

No significant anomaly interpreted on this grid.

BULLFROG WEST GRID

QUALITATIVE INTERPRETATION

A total of four ground anomalies (**EM-BW-01** to **EM-BL-04**) have been detected over the Bullfrog West grid (table 4). All are moderately conductive and relatively well defined. An important network of inferred faults oriented roughly NE seem present on this grid, they appear to have segmented the conductive trends into smaller components. These conductive trends are likely caused by disseminated mineralization.

EM-BW-01 is a moderate conductor interpreted over 1000 m, oriented N070° and open-ended to both sides. **EM-BW-01** seems segmented by a network of faults into four individual conductive sources. Survey extension to the east, west and north is strongly recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L102E and from L107E to L110E. Also, follow-up drilling is suggested on L103+50E.

EM-BW-02 is a moderate conductor interpreted over 400 m, oriented N090° and open-ended to the west side. **EM-BW-02** seems segmented (and limited to the east) by a network of faults into two individual conductive sources. Survey extension to the west is recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) from L103E to L105E. Also, follow-up drilling is suggested on L105E.

EM-BW-03 is a weak to moderate conductor interpreted over 200 m, oriented N090°. **EM-BW-03** seems limited to the west by a fault. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L107E.

EM-BW-04 is a single line anomaly forming an outcropping and moderately conductive response that is open-ended to the east. Survey extension to the east is recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching).

The interpreted anomalies are represented by the symbol “◆” on the profiles (appendix B) and are plotted on the *Geophysical Interpretation and Transmitting Loop Outlines* map (10.0_bw).

LODGE NORTH GRID

QUALITATIVE INTERPRETATION

The installation of the East Bull Lake Lodge is located in the south side of the Lodge North grid. Also, the road 553 passes through this grid, a punctual EM response is created by it.

Table 4 shows a description of every TDEM anomaly. According to the location of the conductive source within the TDEM transmitting loops, the anomalous responses (for the X, Y and Z component) may be in the form of a positive maximum, negative minimum or of a cross-over. The components' signatures will determine the position of the conductive source but also its dip and general orientation. A time constant (TAU) value has been computed from the decay curve analysis of numerous anomalous profile segments. As a general rule, a good conductor is characteristic of higher TAU values and implies a response throughout the later decay channels (i.e. up to channel 15). On the other hand a poor quality conductor results as lower TAU values and its signature may be only visible over early time channels. Yet another parameter evaluated more or less corresponding to a quarter of the EM signature wavelength (λ) is the conductors' depth-to-top.

Table 4. Description of ground TDEM anomalies interpreted on the East Bull Lake Project

PARISIEN LAKE GRID								
Anomaly	Location				Conductor's Quality (Tau) ms	Estimated depth-to-top $\lambda/4$ (m)	Dip	Comments
	Grid coordinate		UTM coordinate (Nad 27, Zone 17)					
	Line	Station	(m. E)	(m. N)				
EM-PL-01	301E	550N	409 462	5 141 570	Moderate (≈ 0.8 to 1.0)	Subcropping	?	<p>Segmented anomaly forming an outcropping and moderately conductive trend oriented roughly EW. Seems limited to the east side by an inferred NE fault with a dextral apparent movement. Interpreted along 0.3 km, open-ended to west side. Visible on mid/late time channels (8 to 20). Likely originates from disseminated sulphide source.</p> <p>Survey extension to the west is strongly recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching). Also, follow-up drilling is suggested on L304E.</p>
	303E	550N	409 664	5 141 589				
	304E	525N	409 747	5 141 541				
EM-PL-02A	301E	300N	409 459	5 141 320	Weak (≈ 0.2)	≈ 50	Flat?	<p>Segmented anomaly forming a moderately conductive trend oriented roughly EW. Seems segmented in two parts (EM-PL-02A and EM-PL-02B) by an inferred NE fault with a dextral apparent movement. Interpreted along 0.3 km, open-ended to west side. Visible on mid/late time channels (8 to 20). Likely originates from disseminated sulphide source.</p> <p>Survey extension to the west is recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L302E. Also, follow-up drilling is suggested on L304E.</p>
	302E	300N	409 547	5 141 317	Moderate (≈ 1.3 to 1.5)			
EM-PI-02B	302E	200N	409 543	5 141 221	Moderate (≈ 0.9)	≈ 75 to 100	Flat?	<p>Survey extension to the west is recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L302E. Also, follow-up drilling is suggested on L304E.</p>
	303E	225N	409 649	5 141 280				
	304E	275N	409 754	5 141 286				
EM-PL-03	303E	100N	409 649	5 141 126	Moderate (≈ 0.8)	Subcropping	?	<p>Single line anomaly forming an outcropping and moderate conductor. Visible on mid/late time channels (8 to 20). Likely originates from disseminated sulphide source.</p> <p>If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching).</p>

Table 4. Description of ground TDEM anomalies interpreted on the East Bull Lake Project (cont'd)

BULLFROG WEST GRID								
Anomaly	Location				Conductor's Quality Tau (ms)	Estimated depth-to-top $\lambda/4$ (m)	Dip	Comments
	Grid coordinate		UTM coordinate (Nad 27, Zone 17)					
	Line	Station	(m. E)	(m. N)				
EM-BW-01A	101E	360N	405 257	5 141 179	Moderate (≈ 0.8 to 1.0)	≈ 50	Subvertical ?	<p>Segmented anomaly forming a weak to moderately conductive trend oriented roughly N070°.</p> <p>Seems segmented in four parts (EM-BW-01A to EM-BW-01D), by a network of inferred NE faults with a dextral apparent movement.</p> <p>Interpreted along 1.0 km, open-ended to both sides.</p> <p>Visible on mid/late time channels (8 to 20).</p> <p>Likely originates from disseminated sulphide source.</p> <p>Survey extension to the east, west and north is strongly recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L102E and from L107E to L110E. Also, follow-up drilling is suggested on L103+50E.</p>
	102E	400N	405 350	5 141 210		Subcropping		
EM-BW-01B	102E	340N	405 356	5 141 161	Weak (≈ 0.5)	$\approx 75-100$		
	103E	365N	405 451	5 141 191				
	104E	410N	405 548	5141220				
	105E	475N	405 649	5 141 285				
	106E	500?N	405 743	5 141 313?				
EM-BW-01C	107E	450N	405 844	5 141 272	Moderate (≈ 1.0 to 1.5)	Subcropping		
	108E	440N	405 952	5 141 255				
	109E	440N	406 057	5 141 260				
	110E	475N?	406 159	5 141 298?				
EM-BW-01D	111E	410N	406 244	5 141 237				

Table 4. Description of ground TDEM anomalies interpreted on the East Bull Lake Project (cont'd)

BULLFROG WEST GRID								
Anomaly	Location				Conductor's Quality Tau (ms)	Estimated depth-to-top $\lambda/4$ (m)	Dip	Comments
	Grid coordinate		UTM coordinate (Nad 27, Zone 17)					
	Line	Station	(m. E)	(m. N)				
EM-BW-02A	101E	240N	405 257	5 141 053	Moderate (≈ 0.8)	≈ 40	Subvertical	Segmented anomaly forming a weak to moderately conductive trend oriented roughly EW.
EM-BW-02B	103E	260N	405 443	5 141 084	Weak (≈ 0.3)	Subcropping	?	Seems segmented in two parts (EM-BW-02A and EM-BW-02B) by an inferred NE fault with a dextral apparent movement. Interpreted along 0.4 km, open-ended to the west side. Visible on mid/late time channels (8 to 20). Likely originates from disseminated sulphide source.
	104E	275N	405 551	5 141 090	Moderate (≈ 1.0)			Survey extension to the west is recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) from L103E to L105E. Also, follow-up drilling is suggested on L105E.
	105E	250N	405 643	5 141 064				
EM-BW-03	106E	375N	405 755	5 141 195	Weak ($\approx ?$)	Subcropping	?	Segmented anomaly forming a weak to moderately conductive trend oriented roughly EW. Seems limited to the west by an inferred NE fault. Interpreted along 0.2 km. Visible on mid/late time channels (8 to 20). Likely originates from disseminated sulphide source.
	107E	375N	405 846	5 141 199	Moderate (≈ 1.3)			If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching) on L107E.
	108E	375N	405 953	5 141 187	Weak ($\approx ?$)			
EM-BW-04	111E	175N	406 238	5 140 993	Moderate (≈ 0.9)	Subcropping	Subvertical	Single line anomaly forming an outcropping and moderate conductive Open-ended to the east side Visible on mid/late time channels (8 to 20). Likely originates from disseminated sulphide source. Survey extension to the east side is recommended. If the thickness of the overburden allows it, could be investigated by prospecting (stripping/trenching).

The interpretation of the geophysical data embodied in this report is essentially a geophysical appraisal of the East Bull Lake Project. As such, it incorporates only as much geoscientific information as the author has on hand at the time. Geoscientists thoroughly familiar with the area are in a better position to evaluate the geological significance of the various geophysical signatures. Moreover, as time passes and information provided by follow-up programs are compiled, exploration targets recognized in this study might be downgraded or upgraded.

Respectfully submitted,
Abitibi Geophysics Inc.

Martin Dubois, P. Geo.
Geophysicist
OGQ #352

MD/mw

APPENDIX A

**DAILY REPORT OF THE GEOPHYSICAL SURVEY
PERFORMED ON THE EAST BULL LAKE PROJECT**

APPENDIX A



DAILY REPORT OF THE GEOPHYSICAL SURVEY PERFORMED ON THE EAST BULL LAKE PROJECT

Date (aaaa-mm-jj)	Activity	11N098, Mustang Minerals Corp, East Bull Lake Project, Ground TDEM survey Comments	Invoicing						
			Mob/ demob	Boat	Argo	ATV	Down- time	Production	
								(line-km)	days
Project geophysicist:		Martin Dubois							
Crew chief:		Adam Lushman							
Assistants:									
2011-11-09	Mobilization	Val-d'Or – Massey.	1						
Parisien Lake grid									
2011-11-10	Preparation	Installation of the transmitting loop on Parisien Lake grid.			1	2			1
2011-11-11	Preparation	Installation of the transmitting loop on Parisien Lake grid.				2			1
2011-11-12	Survey	Survey L301+00E and 302+00E.			1	2		2	1
2011-11-13	Survey	L303+00E, 304+00E and 305+00E.			1	2		2,3	1
2011-11-15	Survey	L305+00E, 306+00E and 307+00E			1	2		2,7	1
Bullfrog East grid									
2011-11-14	Survey	Cut trail and start installing loop.			1	2			1
2011-11-16	Survey	Complete installation of the loop and made the Tx set-up.			1	2			1
2011-11-17	Survey	L201+00E, L202+00E, L203+00E and 204+00E.				2		1,6	0.5
Bullfrog West grid									
2011-11-17	Survey	L111+00E and L110+00E.				2		1	0.5
2011-11-18	Survey	From L101+00E to 109+00E.				2		4,5	1
Lodge North grid									
2011-11-19	Survey	Installation of the loop on Lodge North grid.		1	1	2			1
2011-11-20	Survey	From L405+00E to L408+00E.			1	2		3,3	1
2011-11-21	Survey	From L401E to L404E.			1	2		3.725	1
2011-11-22	Survey	Remove the Lodge North grid loop.		1	1	2			1
2011-11-23	Demobilization	Val-d'Or – Massey.	1						
Total			2 days	2	10	28	0	21,125	13

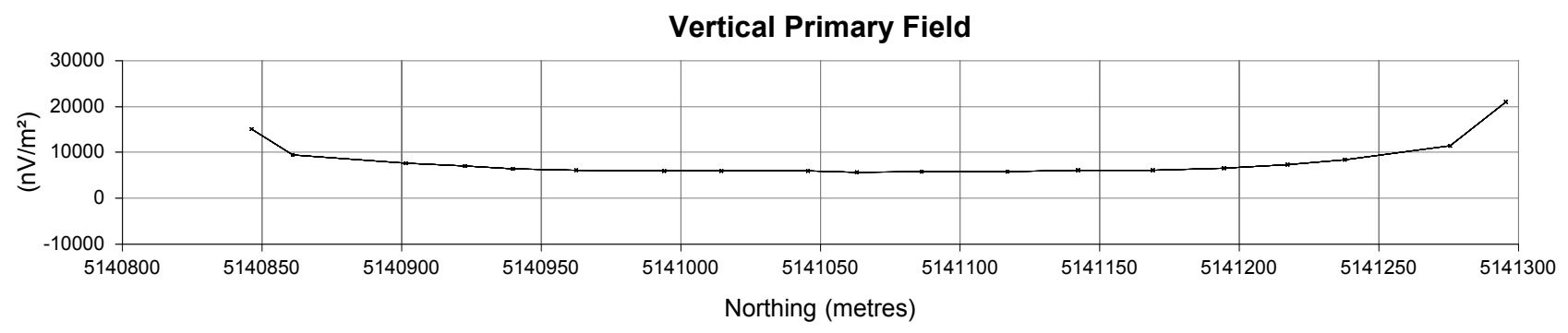
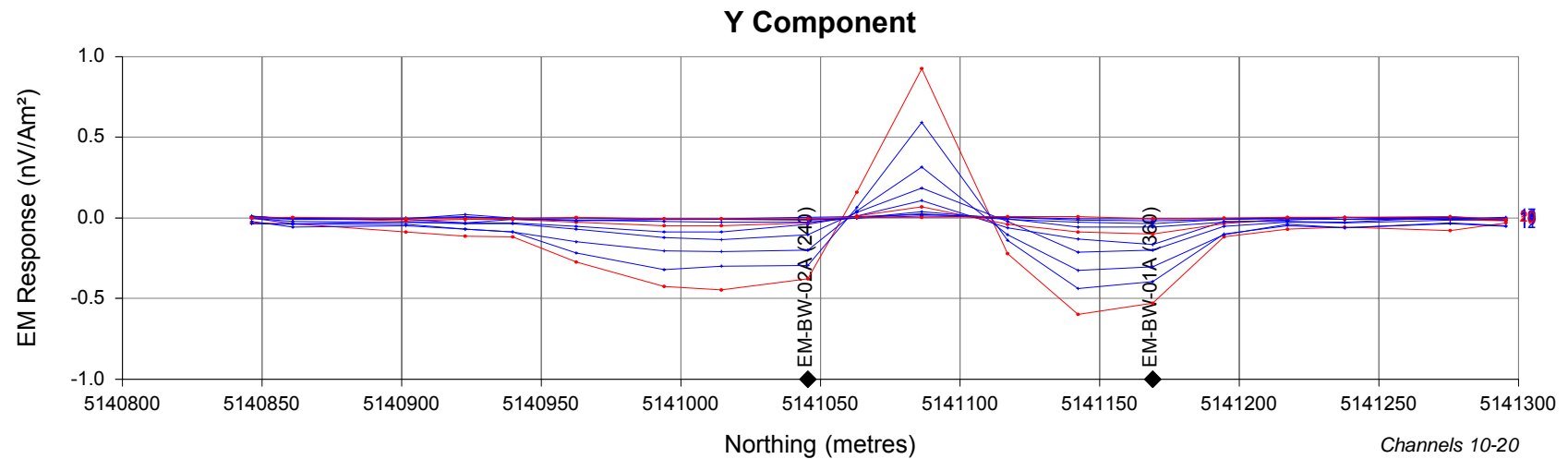
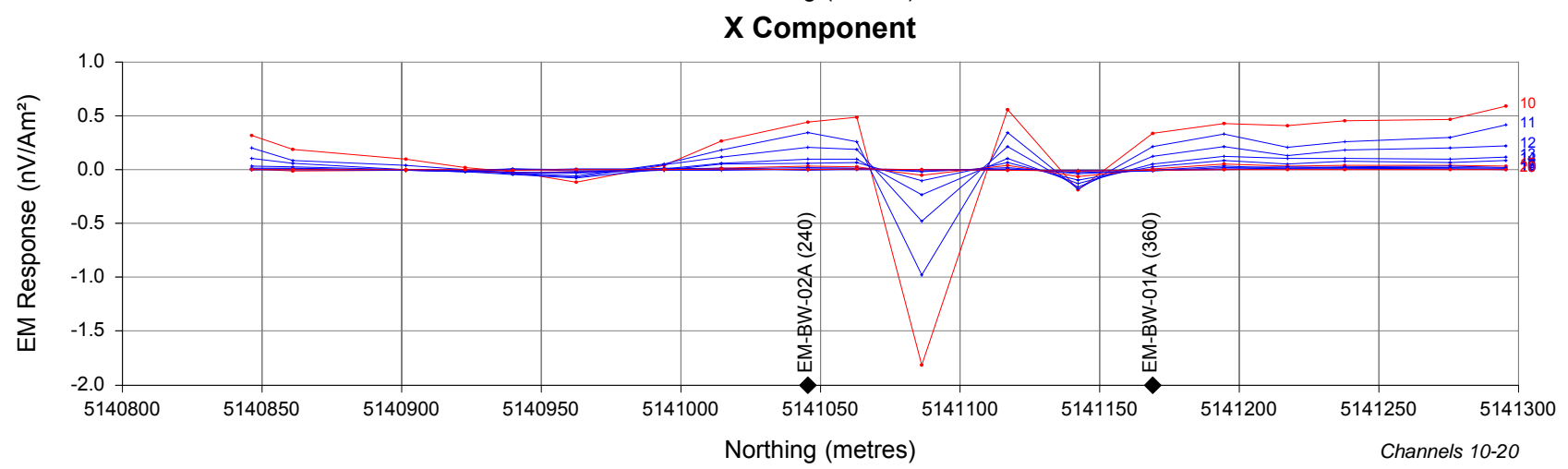
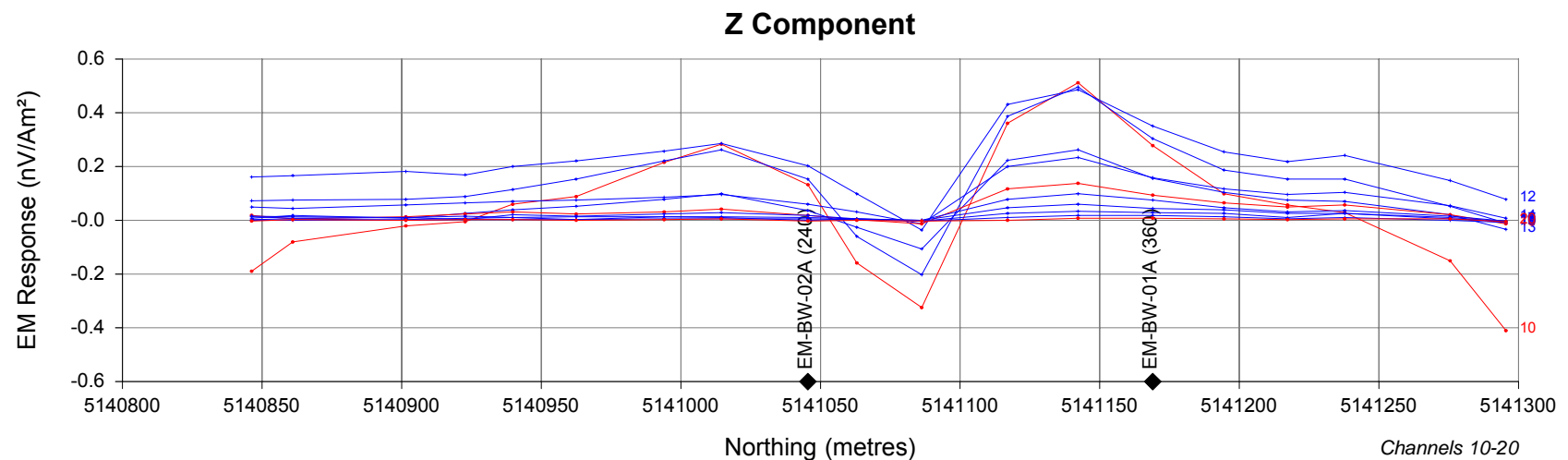
APPENDIX B

GROUND TDEM SURVEY PROFILES OF SECONDARY MAGNETIC FIELD PARTIAL DERIVATIVES:

$$\partial B_z / \partial t$$

$$\partial B_x / \partial t$$

$$\partial B_y / \partial t$$



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
 Station Spacing : 25 m

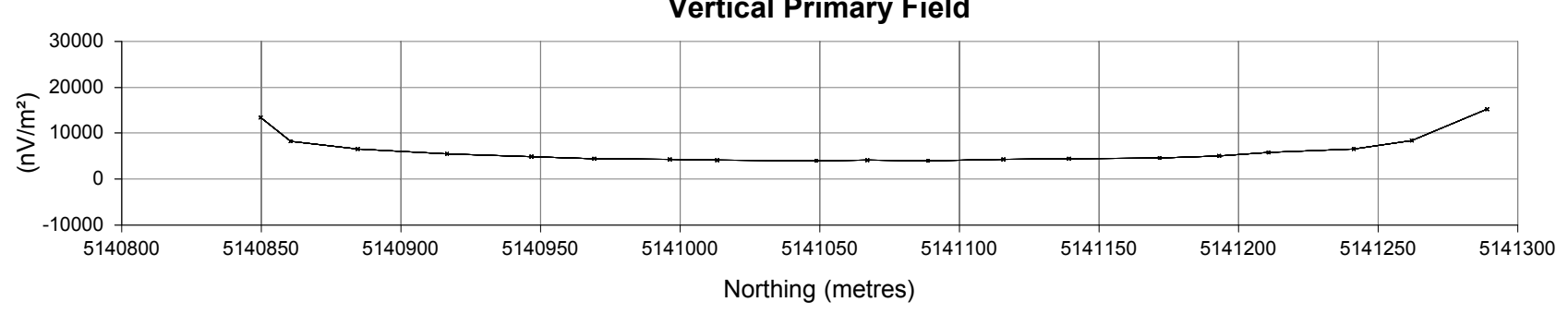
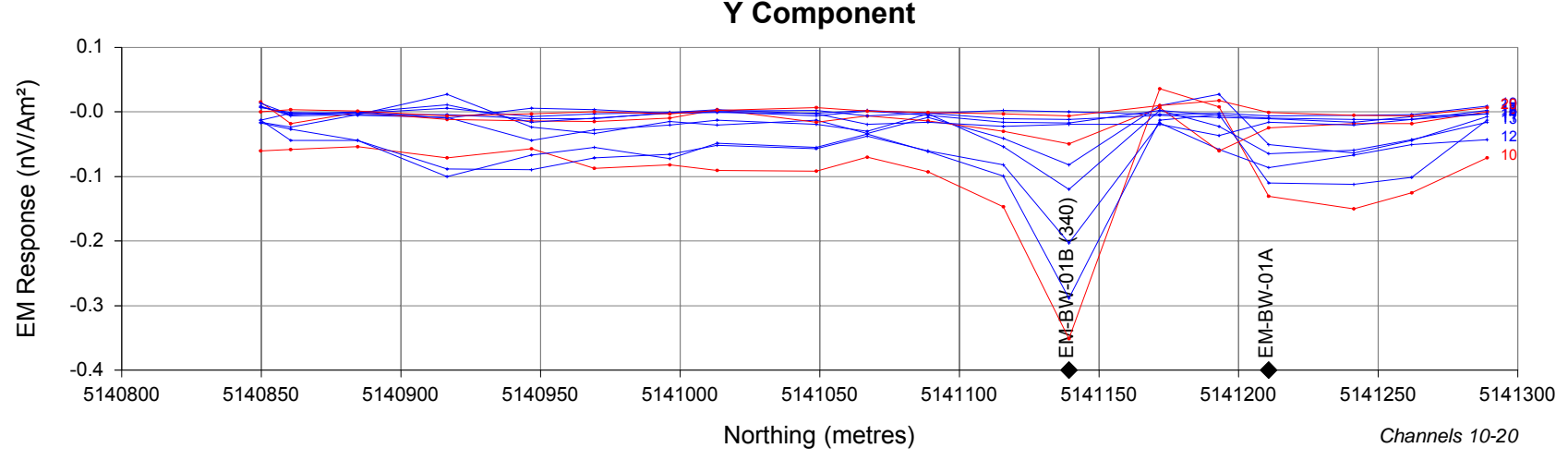
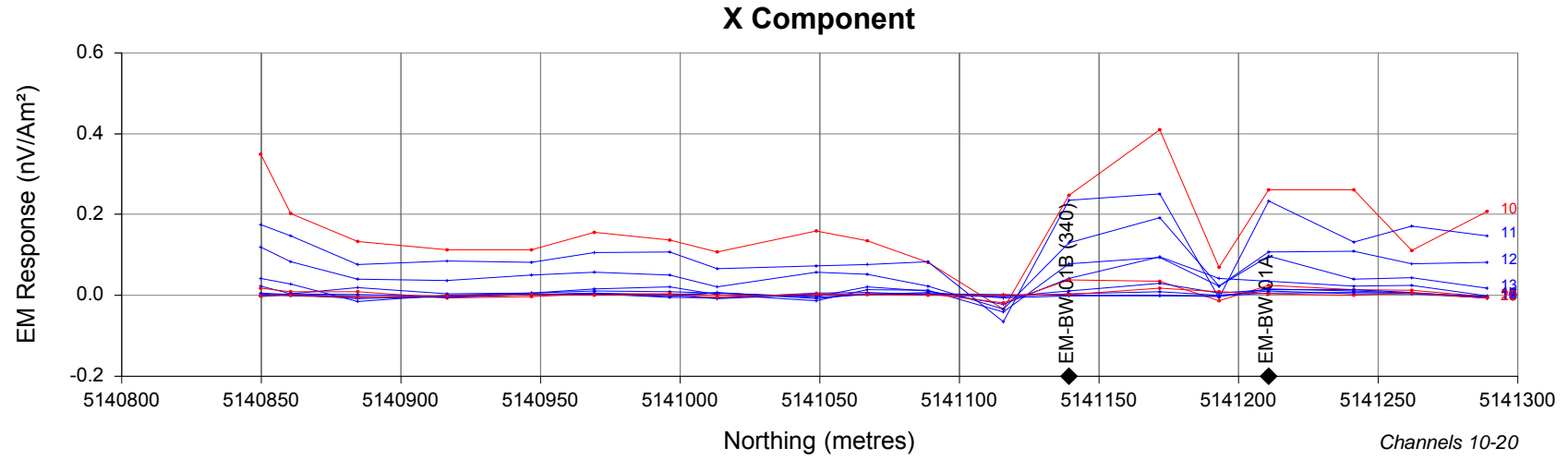
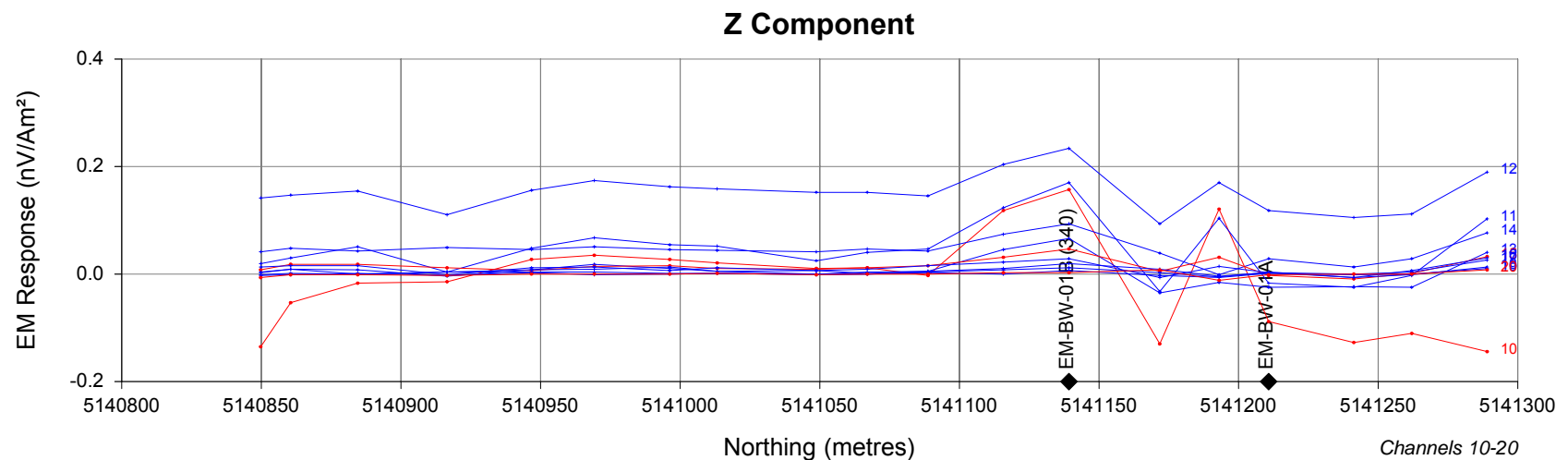
RECEIVER

EMIT : SMARTem 24
 Frequency : 30 Hz
 Components : Z, X & Y
 Surface Sensor : 3D-3 (Geonics)
 Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
 Loop : Loop 01
 Tx Turn : 1
 Tx Current : 20 A
 Off Time : 8.33 ms
 Turn Off : 340 µs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 101E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 25 m

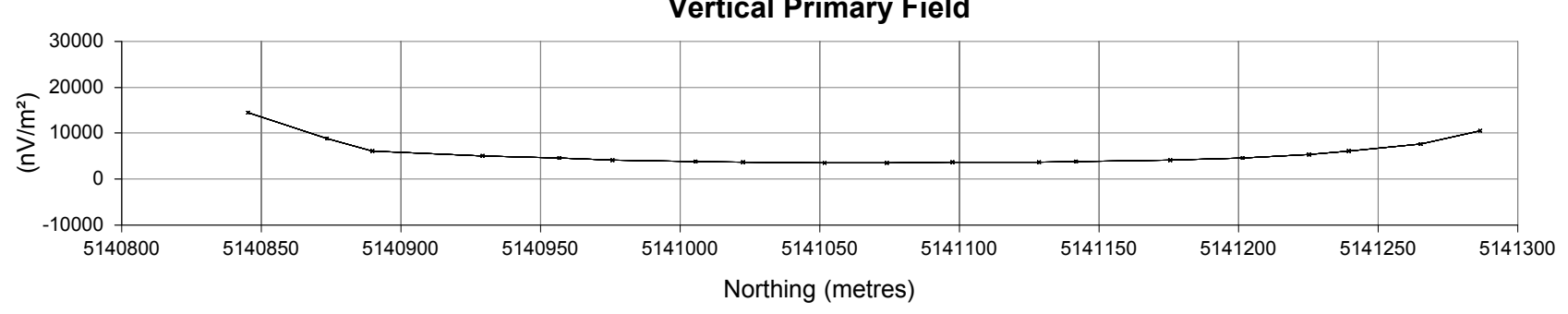
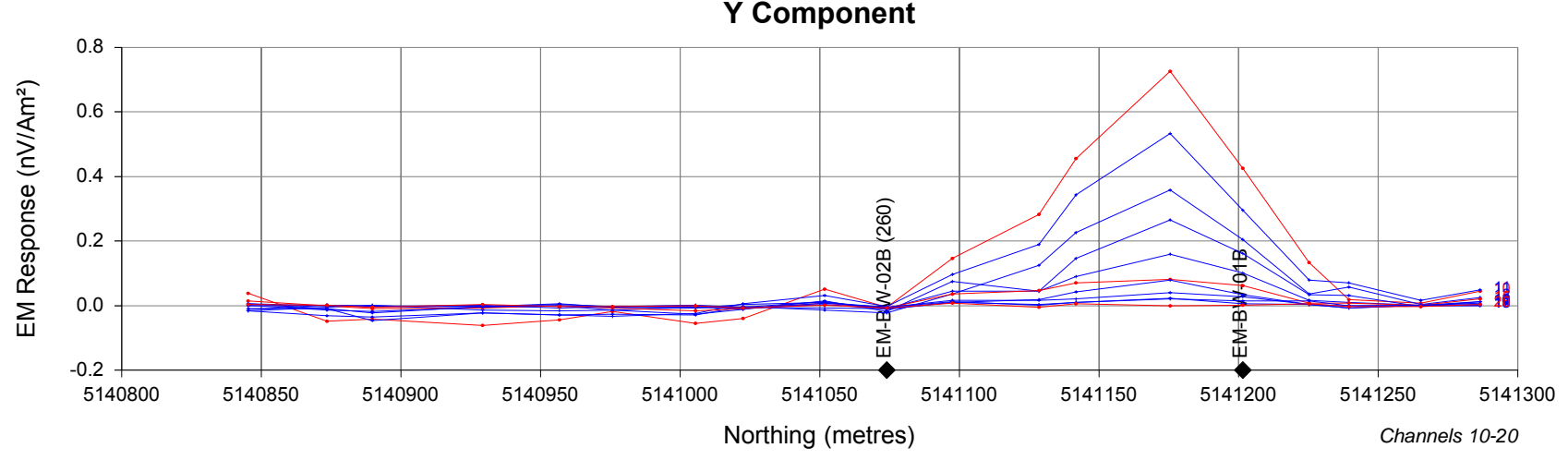
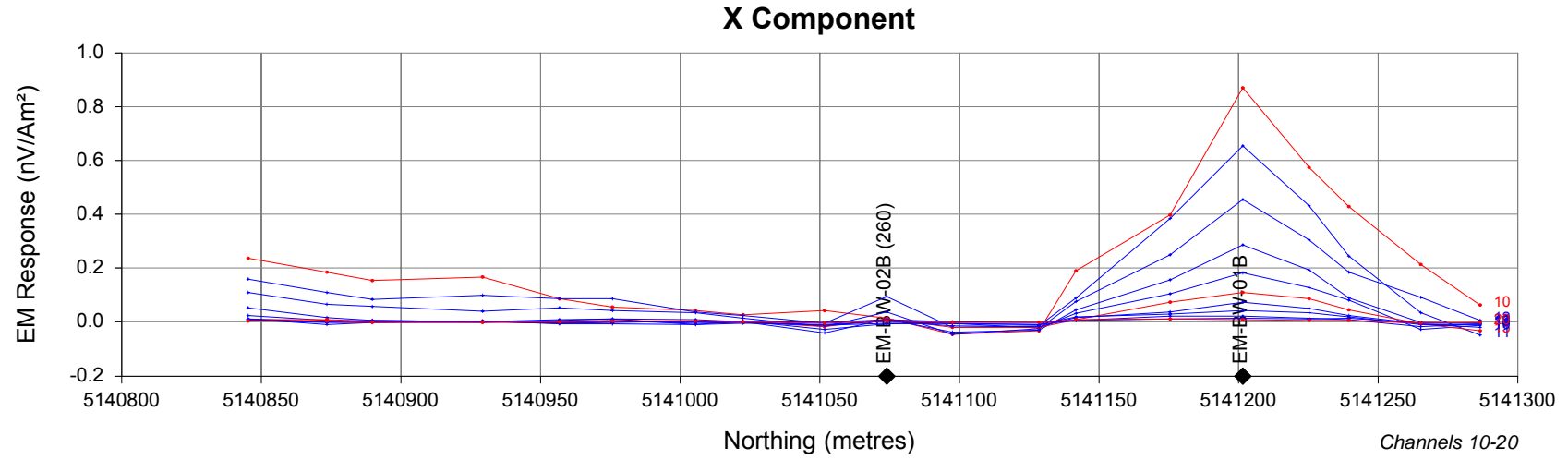
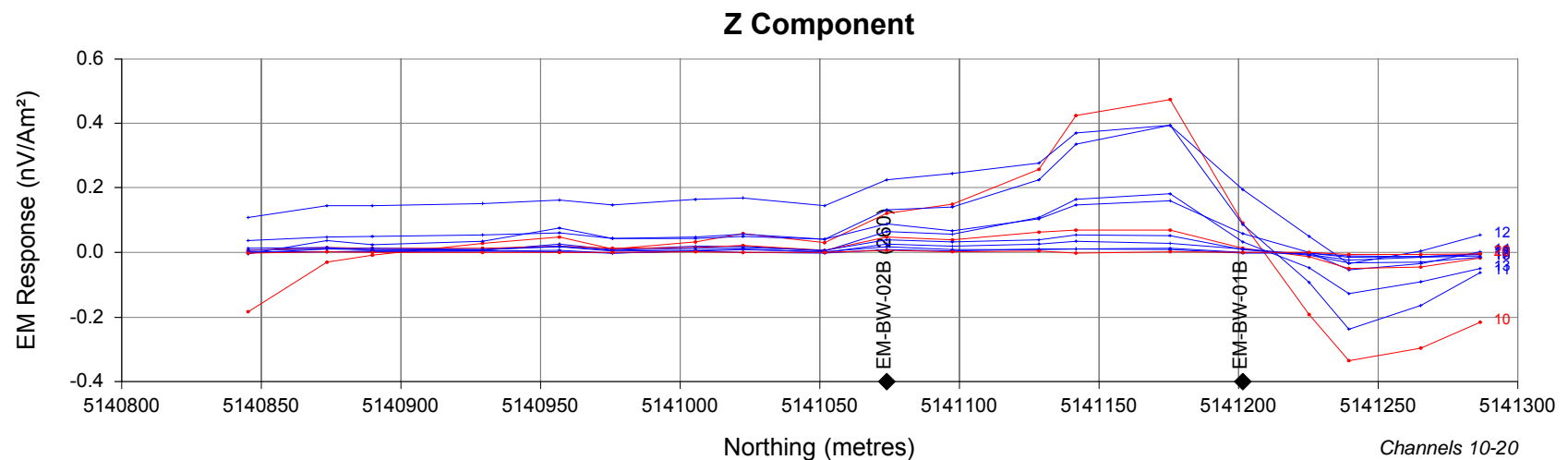
RECEIVER

EMIT	: SMARTem 24
Frequency	: 30 Hz
Components	: Z, X & Y
Surface Sensor	: 3D-3 (Geonics)
Rx Area	: 200 m ²

TRANSMITTER

TerraScope	: PRO5U
Loop	: Loop 01
Tx Turn	: 1
Tx Current	: 20 A
Off Time	: 8.33 ms
Turn Off	: 340 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 102E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
 Station Spacing : 25 m

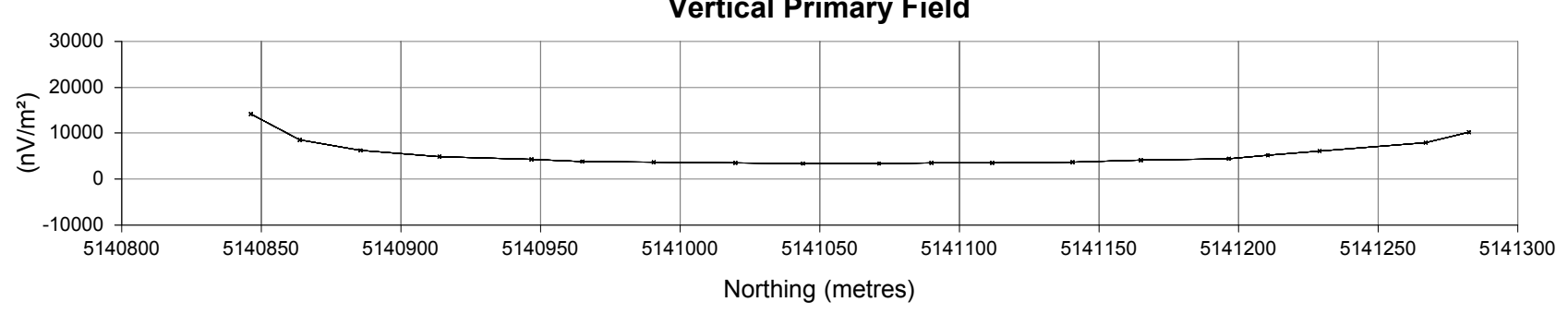
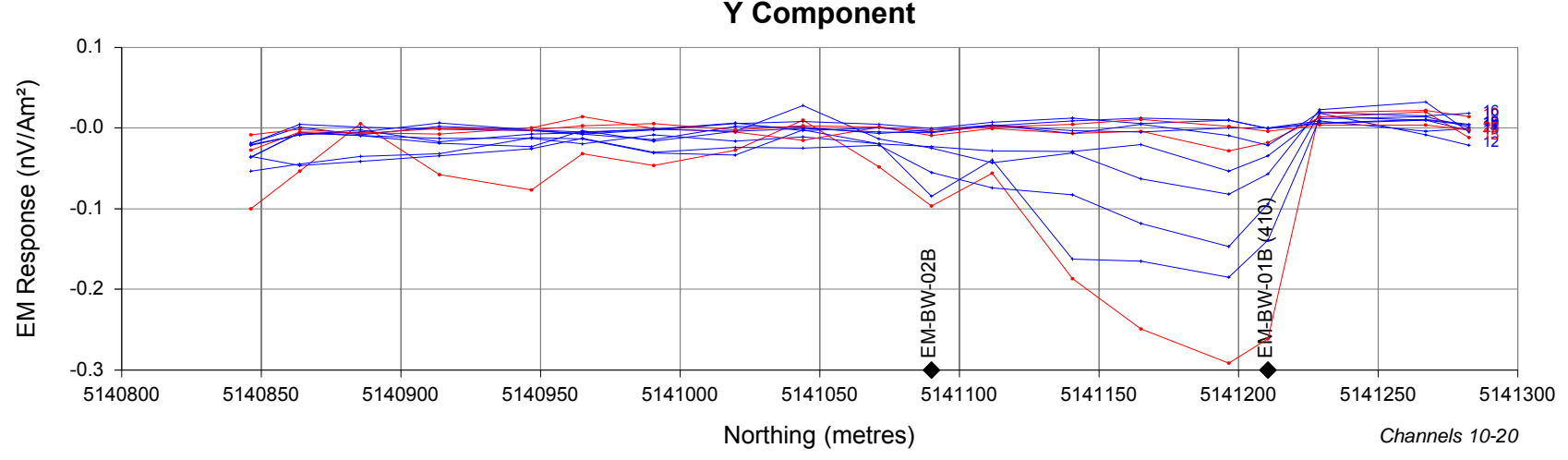
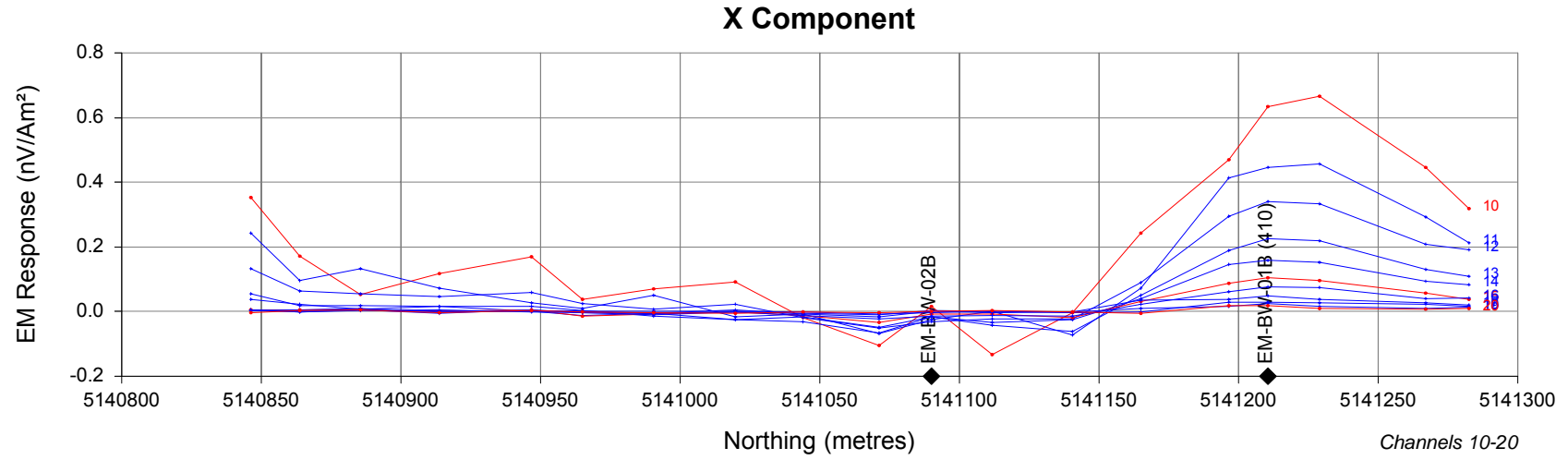
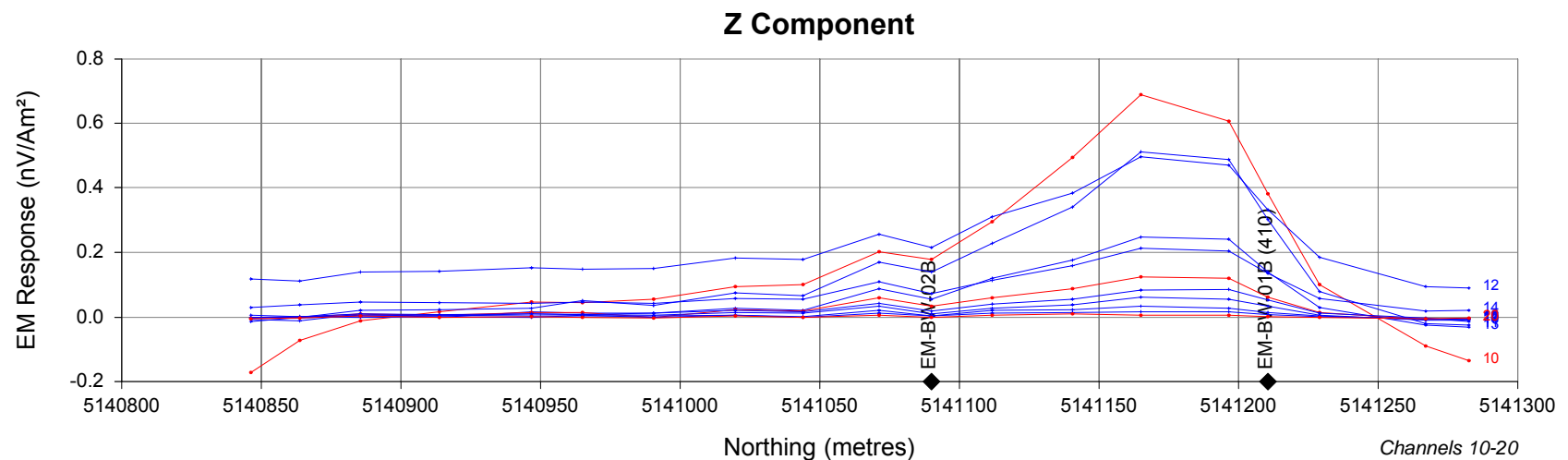
RECEIVER

EMIT : SMARTem 24
 Frequency : 30 Hz
 Components : Z, X & Y
 Surface Sensor : 3D-3 (Geonics)
 Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
 Loop : Loop 01
 Tx Turn : 1
 Tx Current : 20 A
 Off Time : 8.33 ms
 Turn Off : 340 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 103E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
 Station Spacing : 25 m

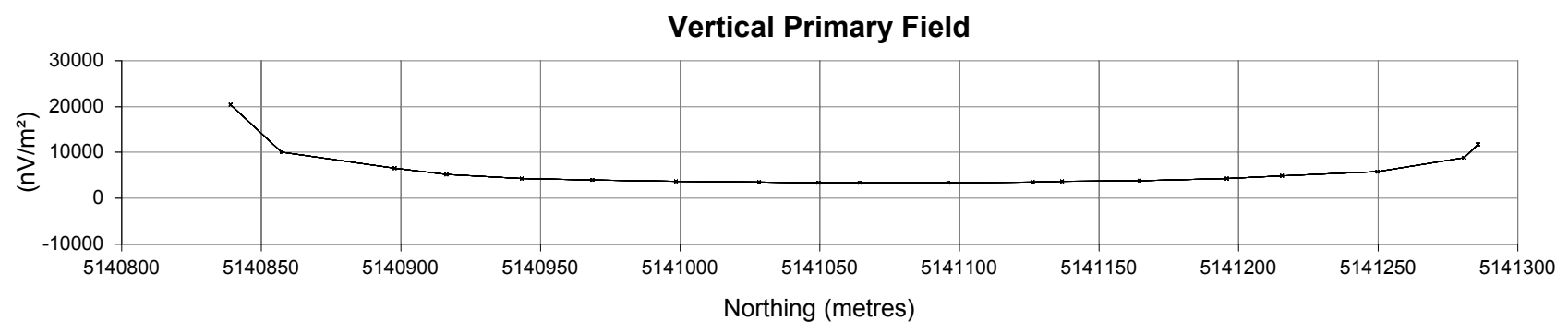
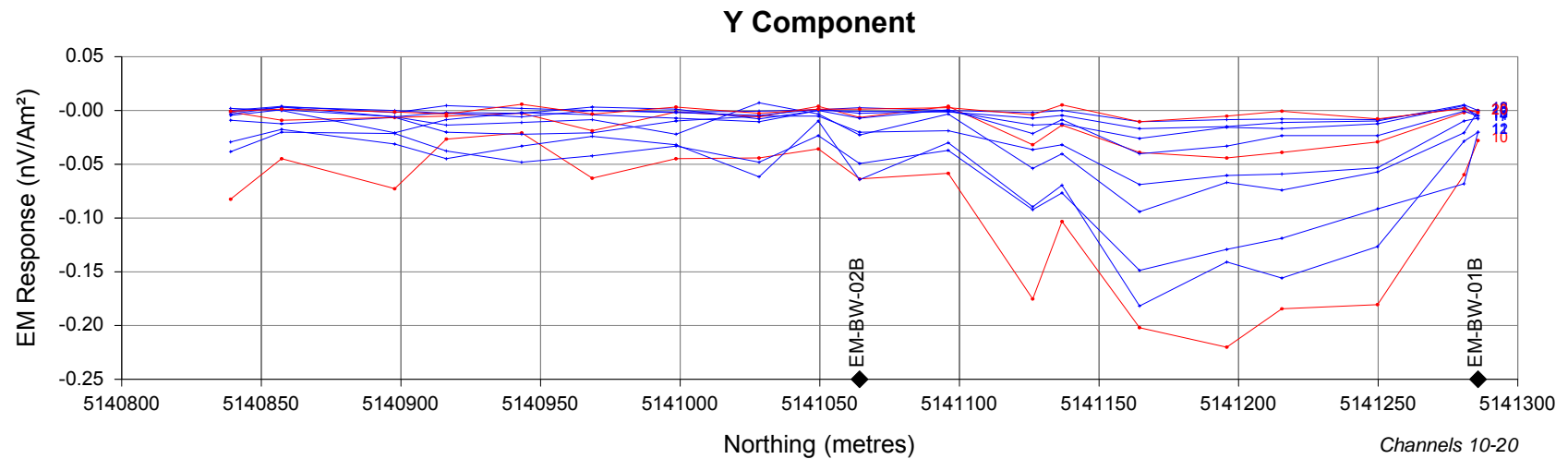
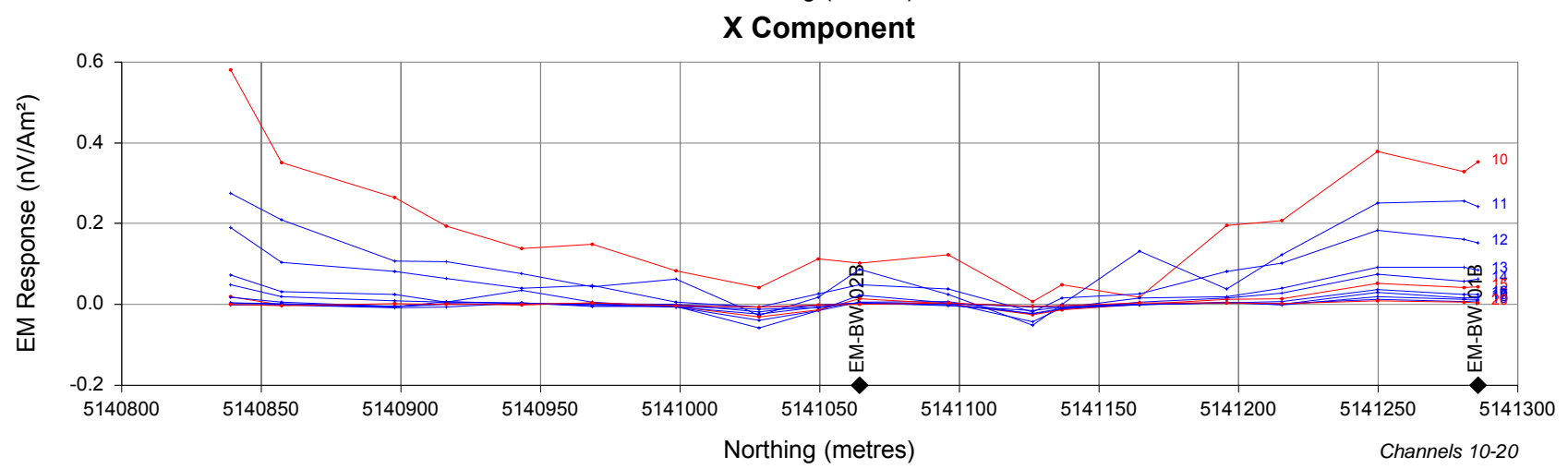
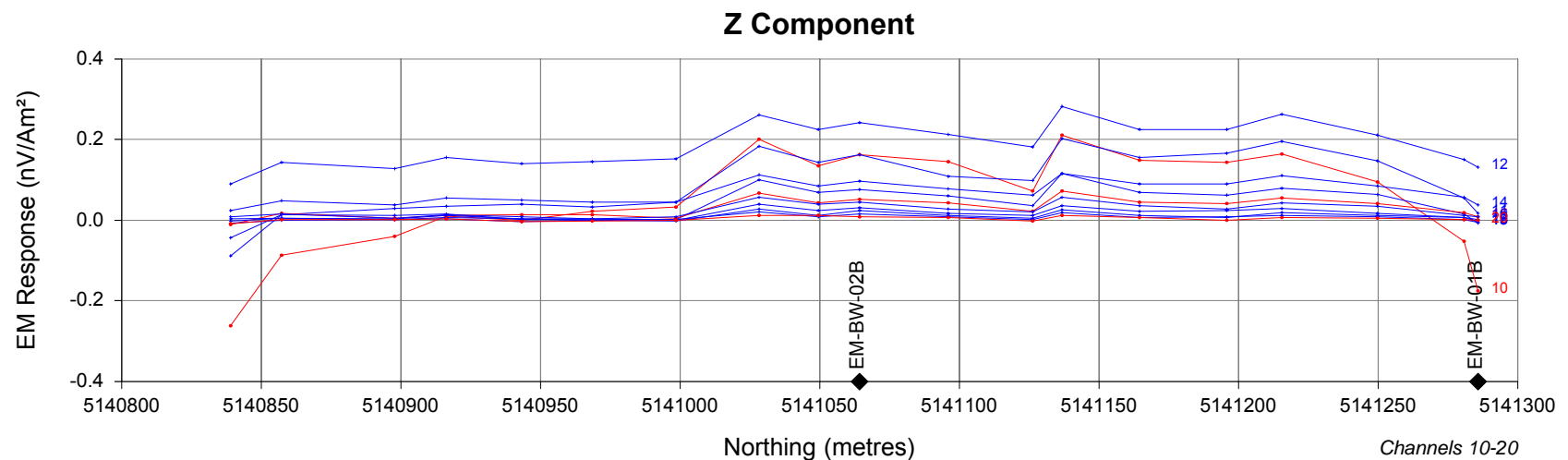
RECEIVER

EMIT : SMARTem 24
 Frequency : 30 Hz
 Components : Z, X & Y
 Surface Sensor : 3D-3 (Geonics)
 Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
 Loop : Loop 01
 Tx Turn : 1
 Tx Current : 20 A
 Off Time : 8.33 ms
 Turn Off : 340 µs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 104E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

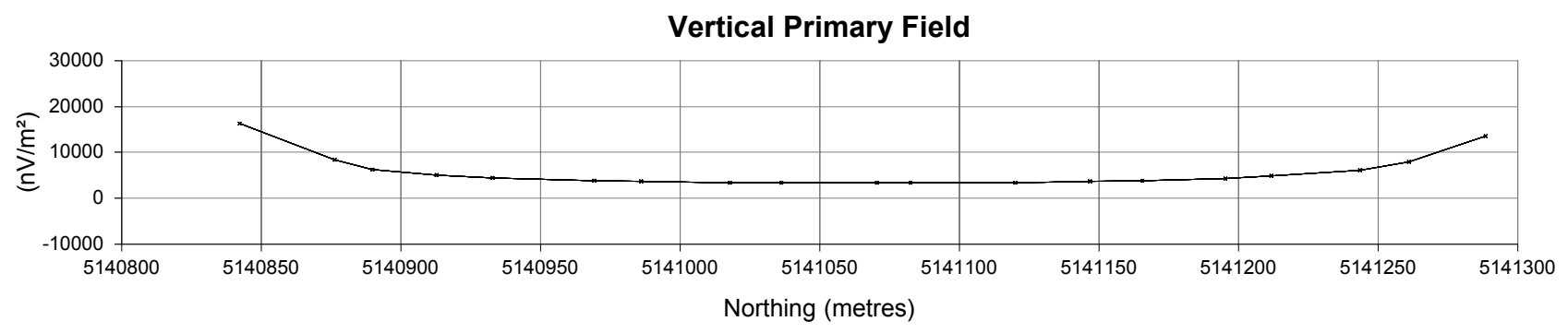
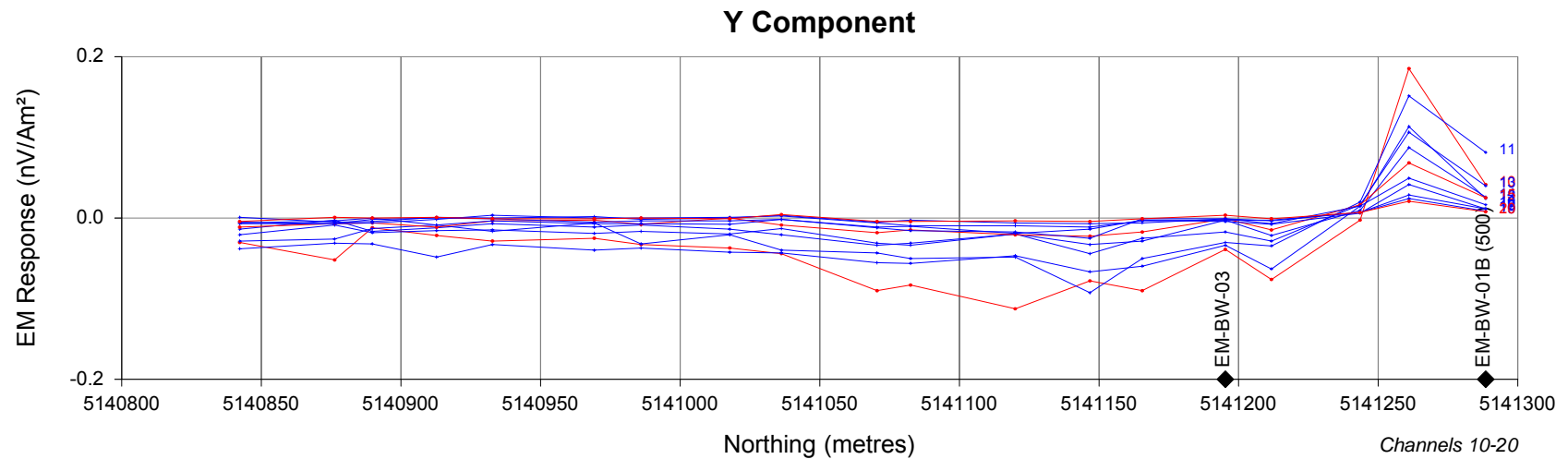
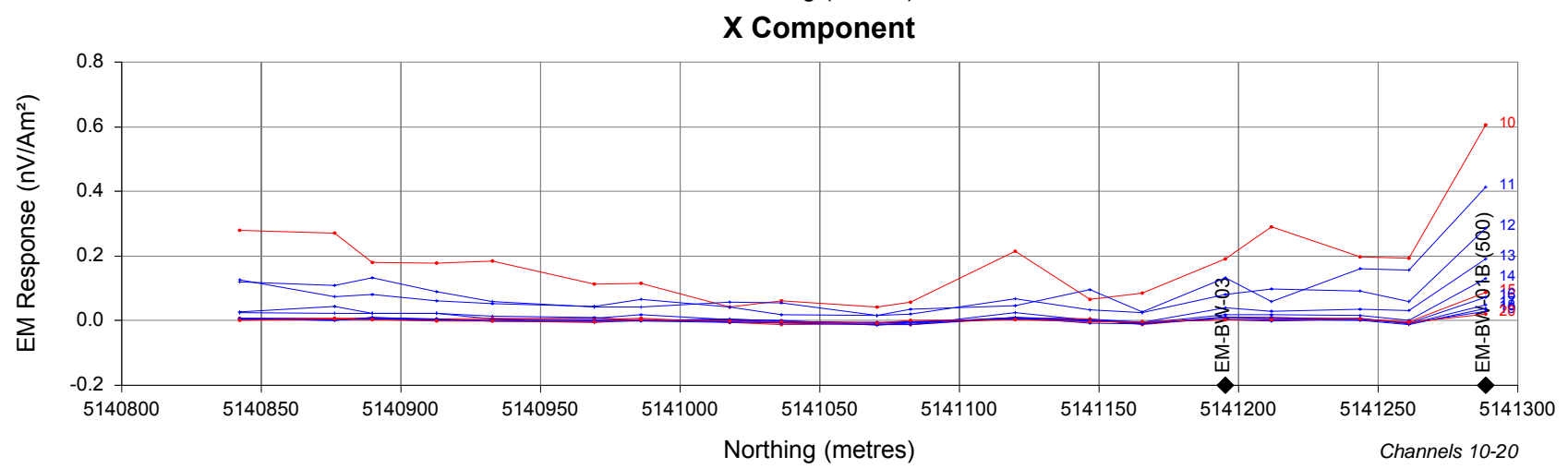
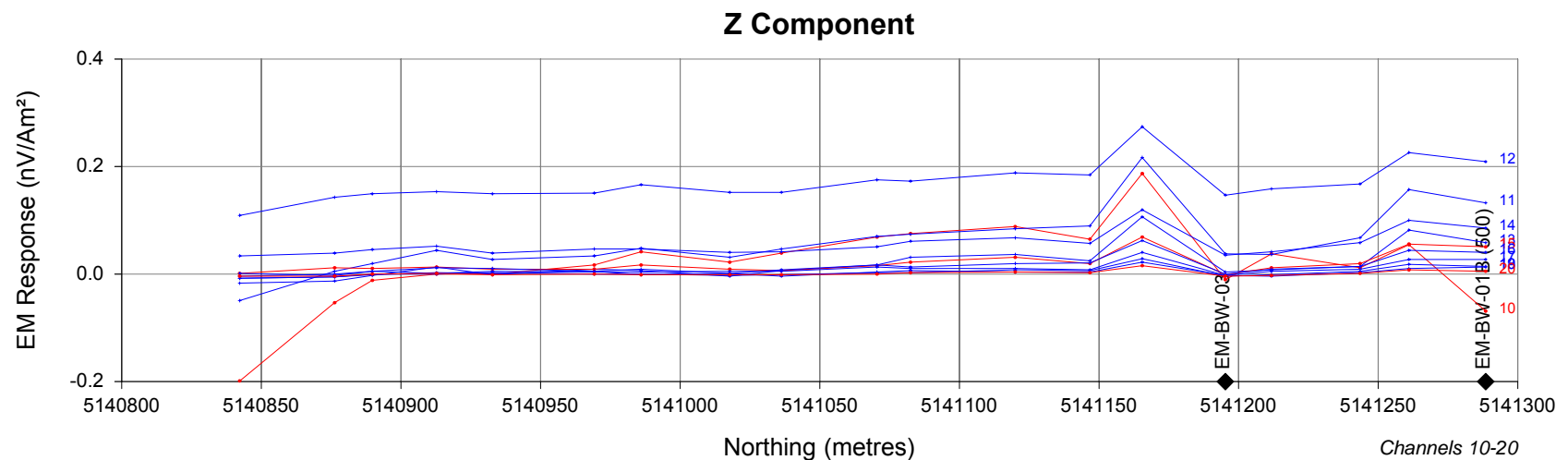
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 01
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 340 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 105E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
 Station Spacing : 25 m

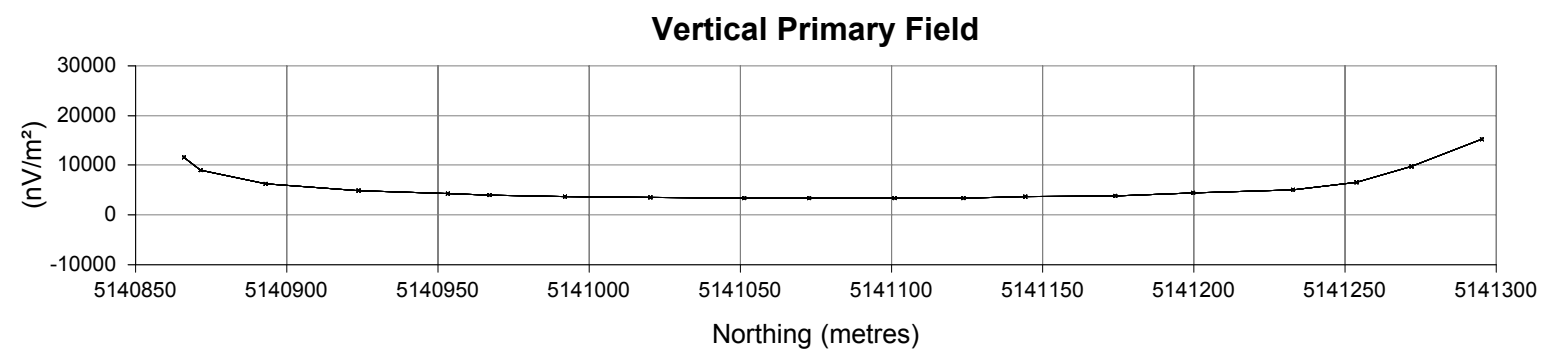
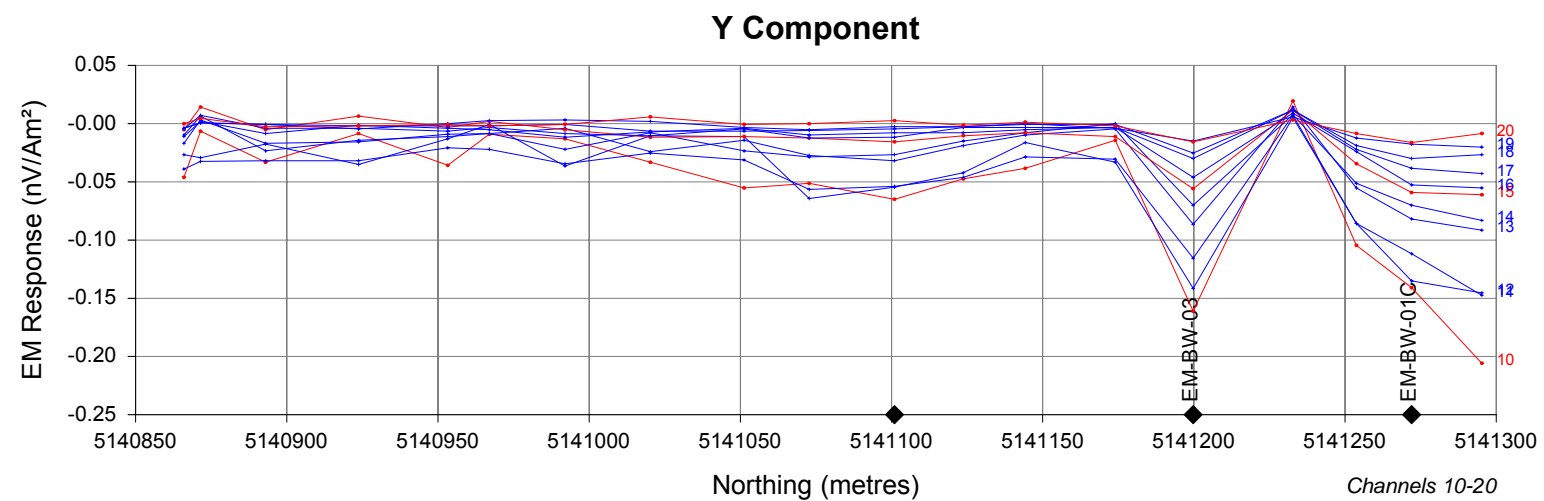
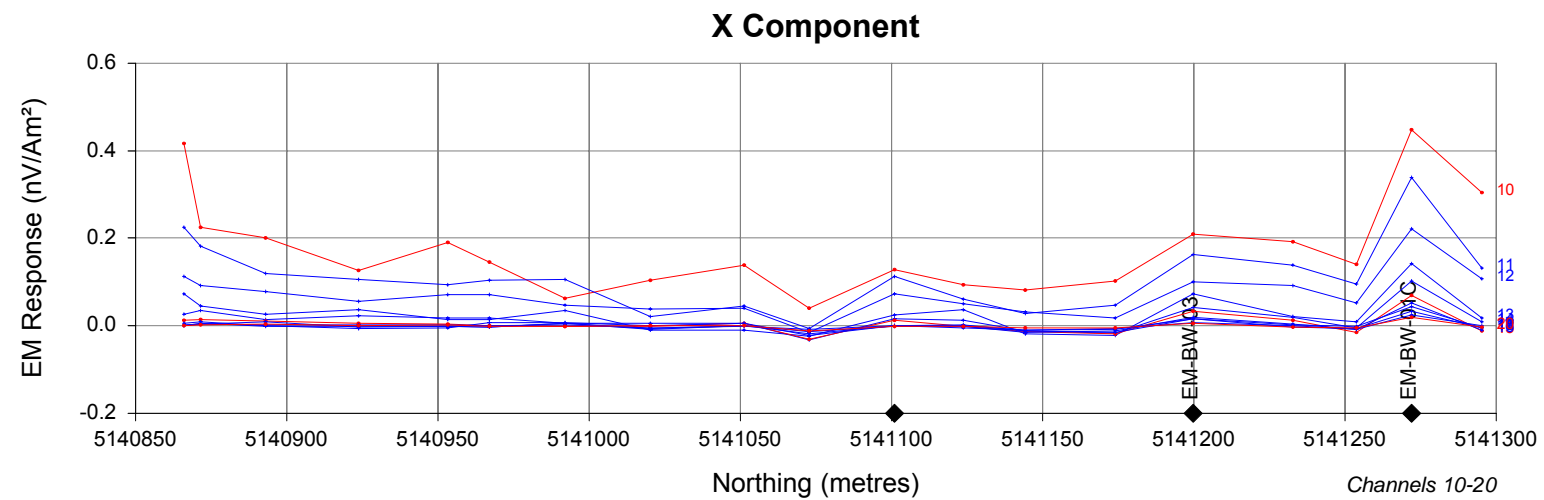
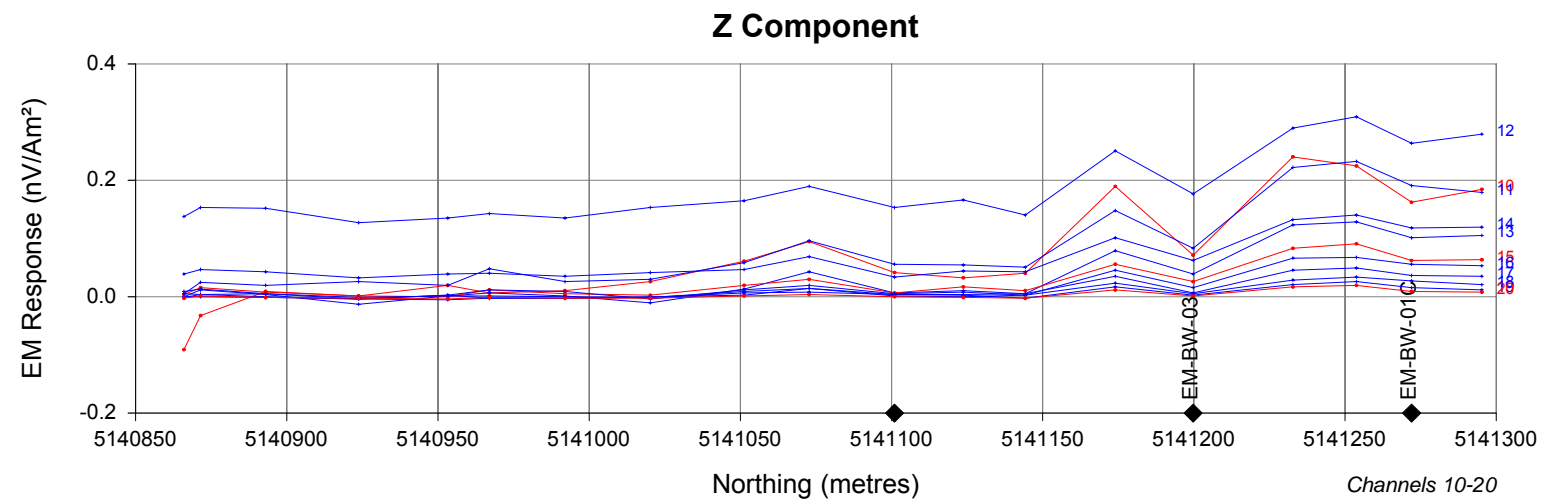
RECEIVER

EMIT : SMARTem 24
 Frequency : 30 Hz
 Components : Z, X & Y
 Surface Sensor : 3D-3 (Geonics)
 Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
 Loop : Loop 01
 Tx Turn : 1
 Tx Current : 20 A
 Off Time : 8.33 ms
 Turn Off : 340 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 106E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 01
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 340 μs

Abitibi Geophysics Inc.

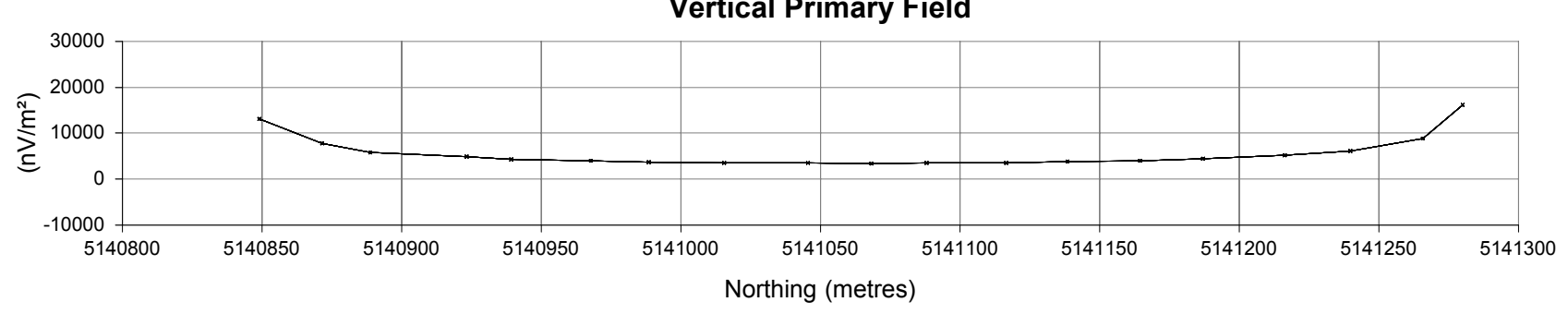
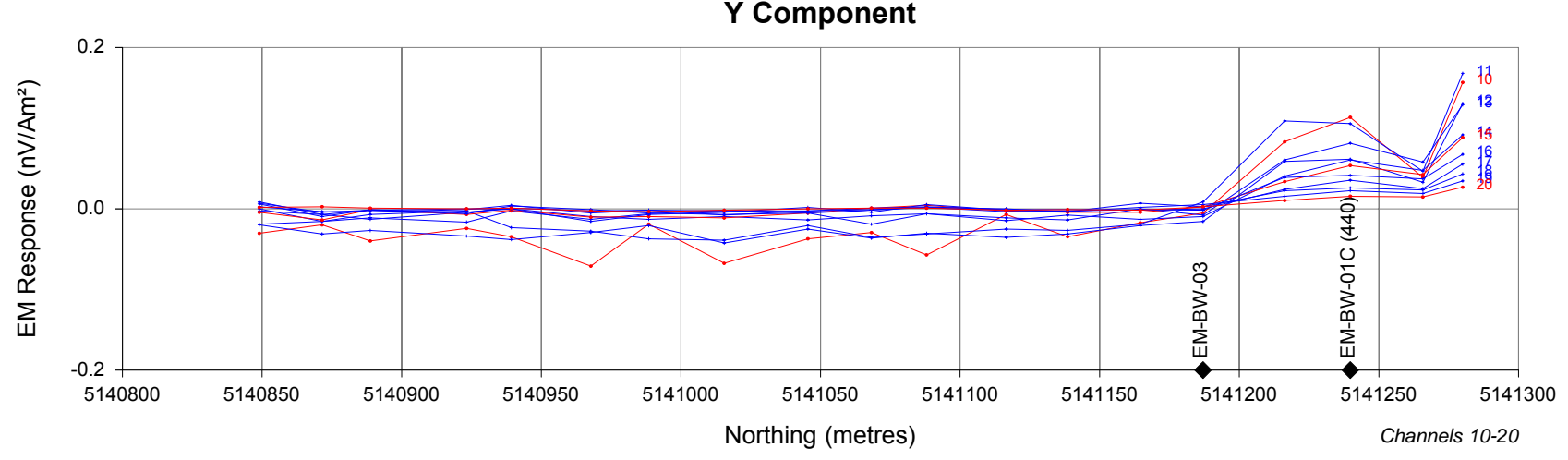
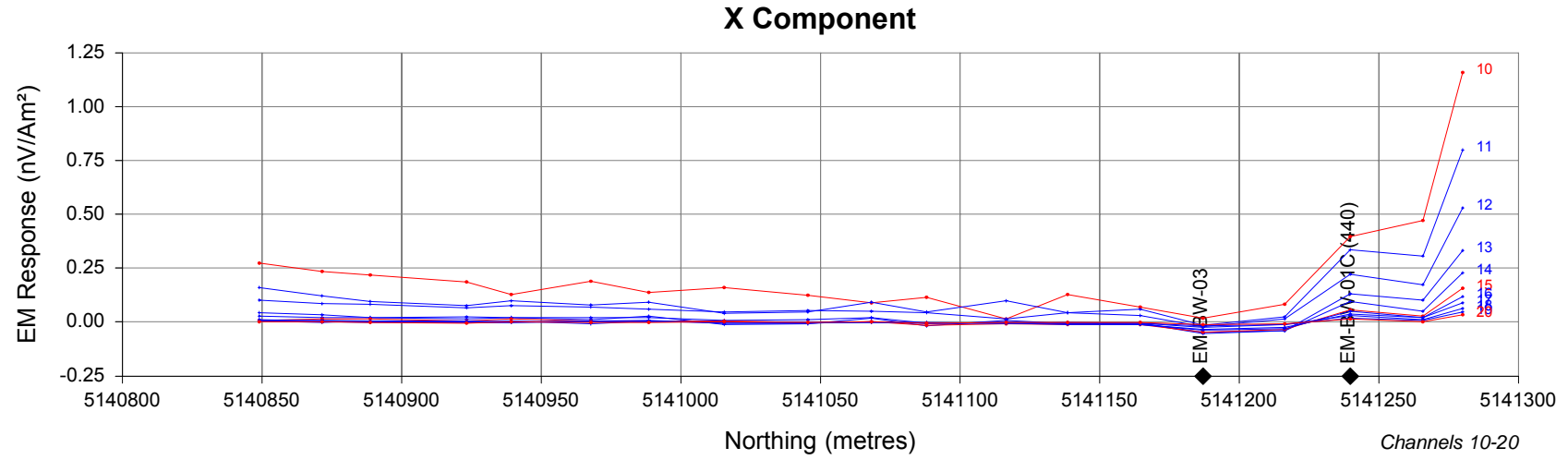
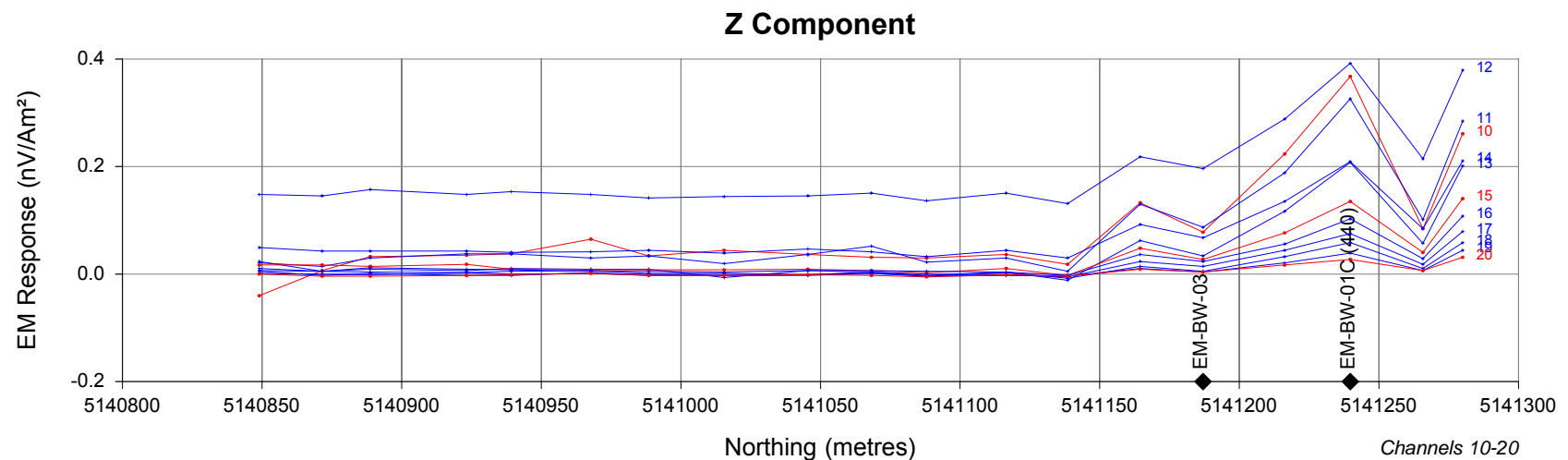
Mustang Minerals Corp.
East Bull Lake Project - Bullfrog West Grid
Ground TDEM Survey
EM Response Profiles
Line 107E
11N098

By : M. Dubois

Date : Nov. 2011

Verif. : C. Brown

Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

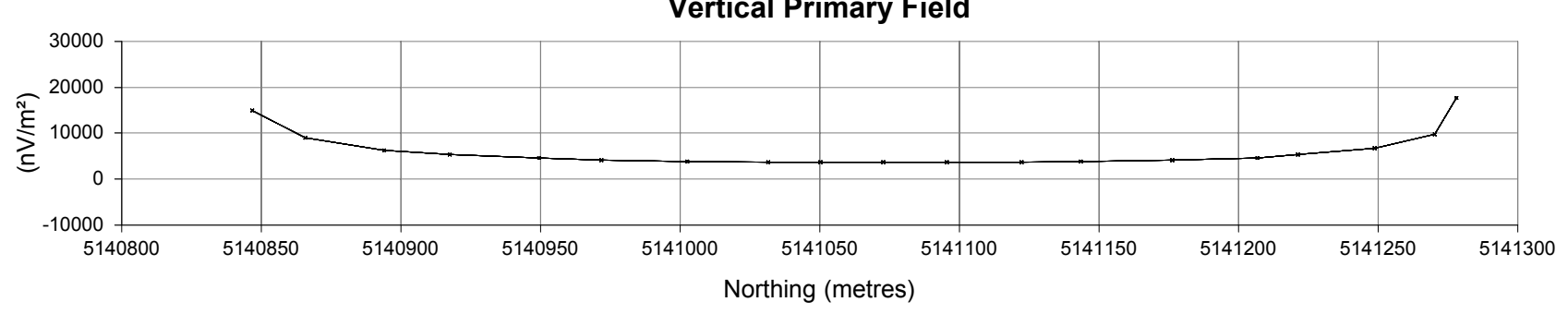
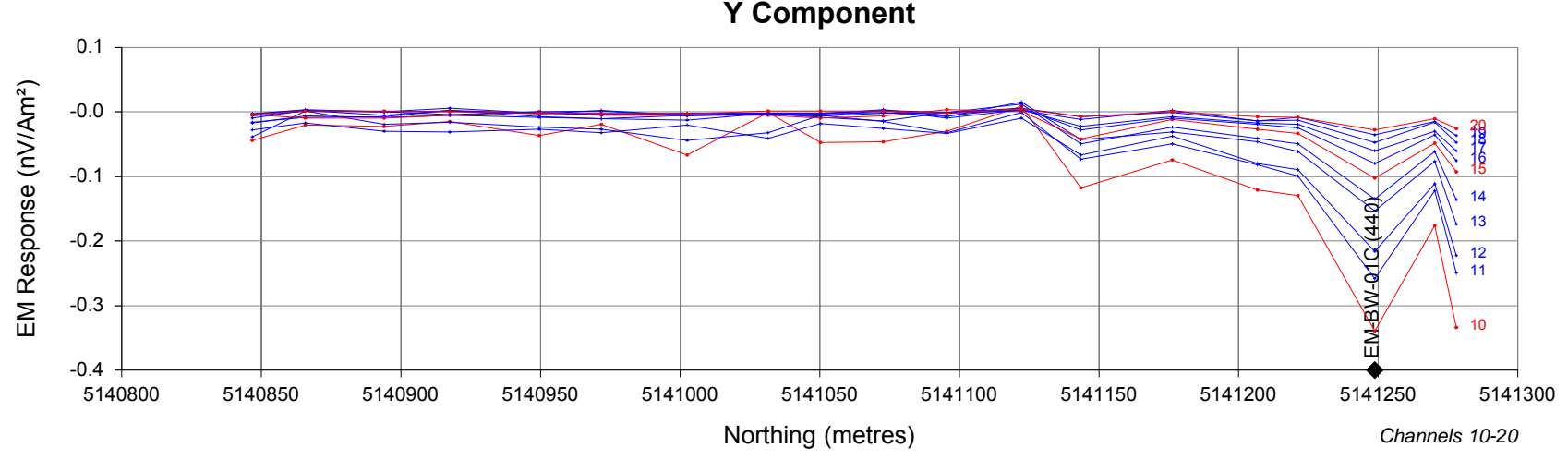
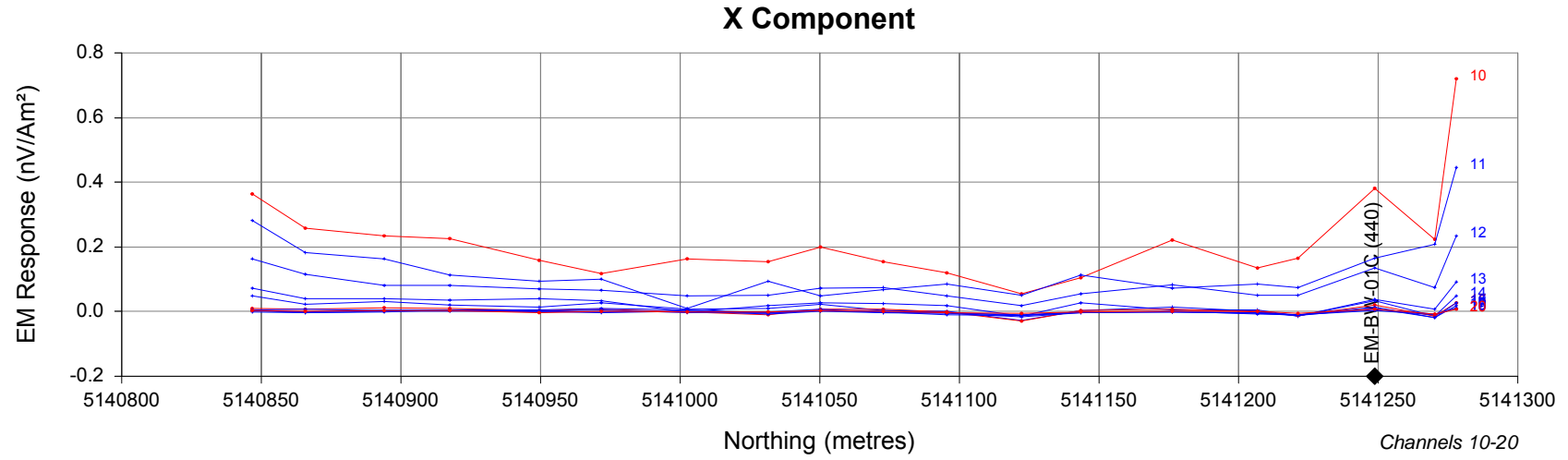
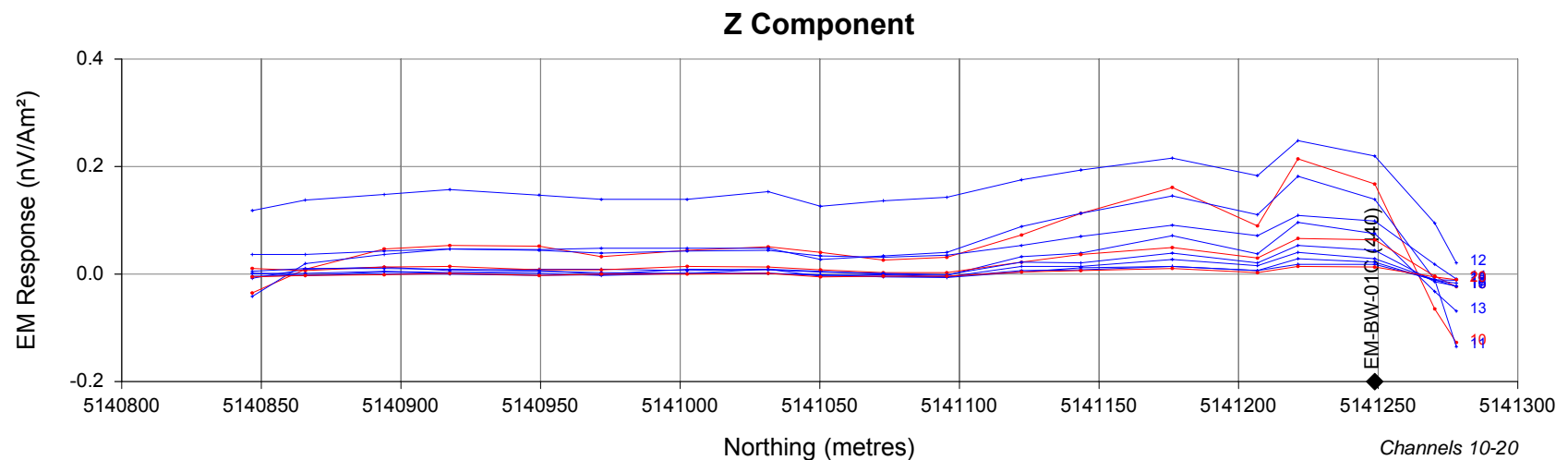
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 01
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 340 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 108E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
 Station Spacing : 25 m

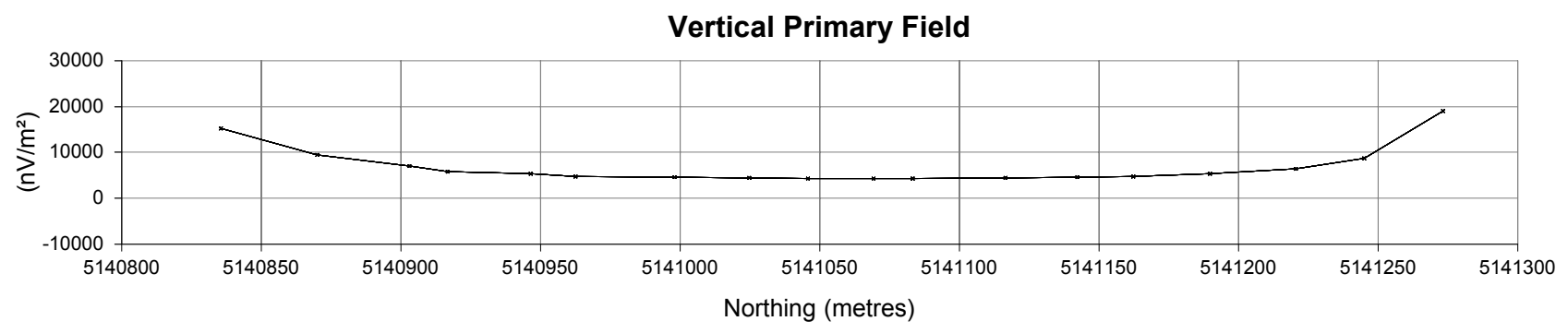
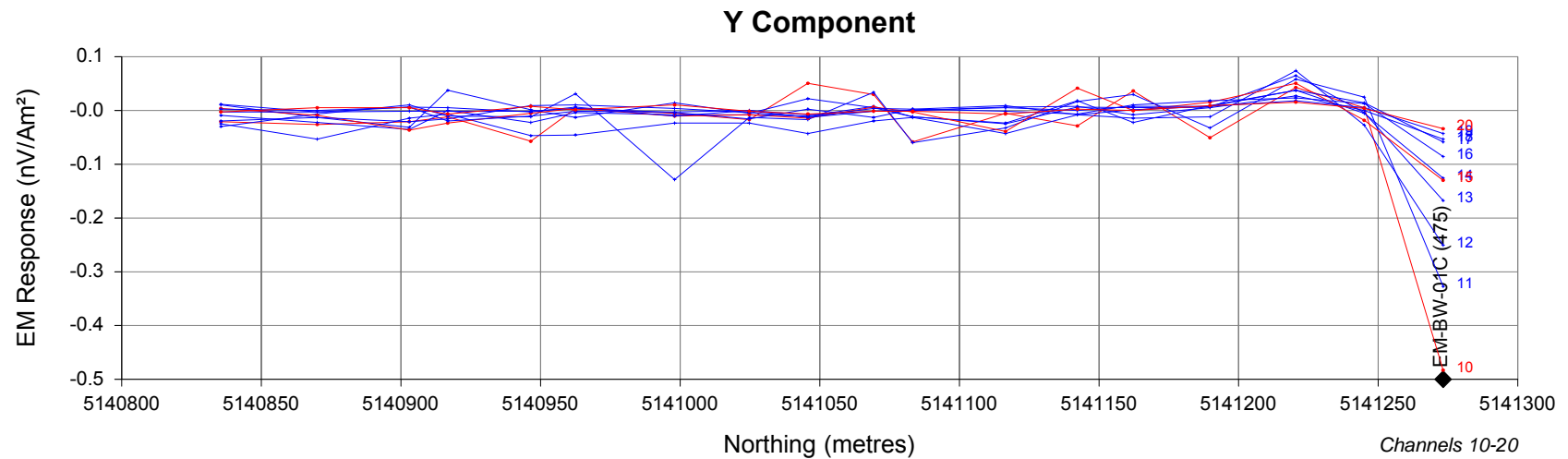
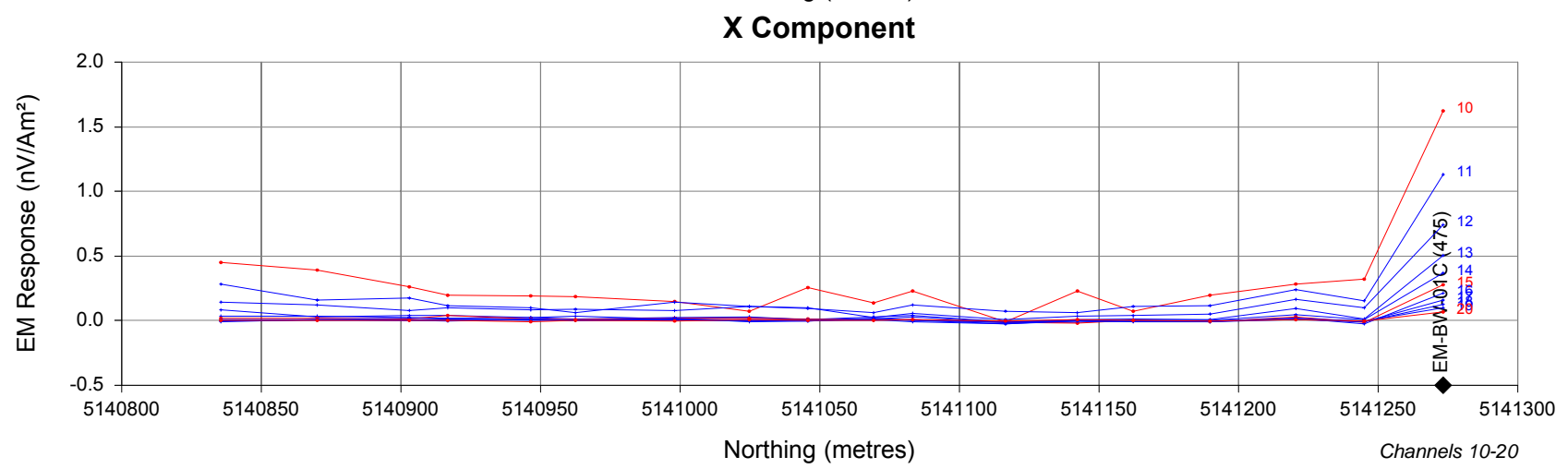
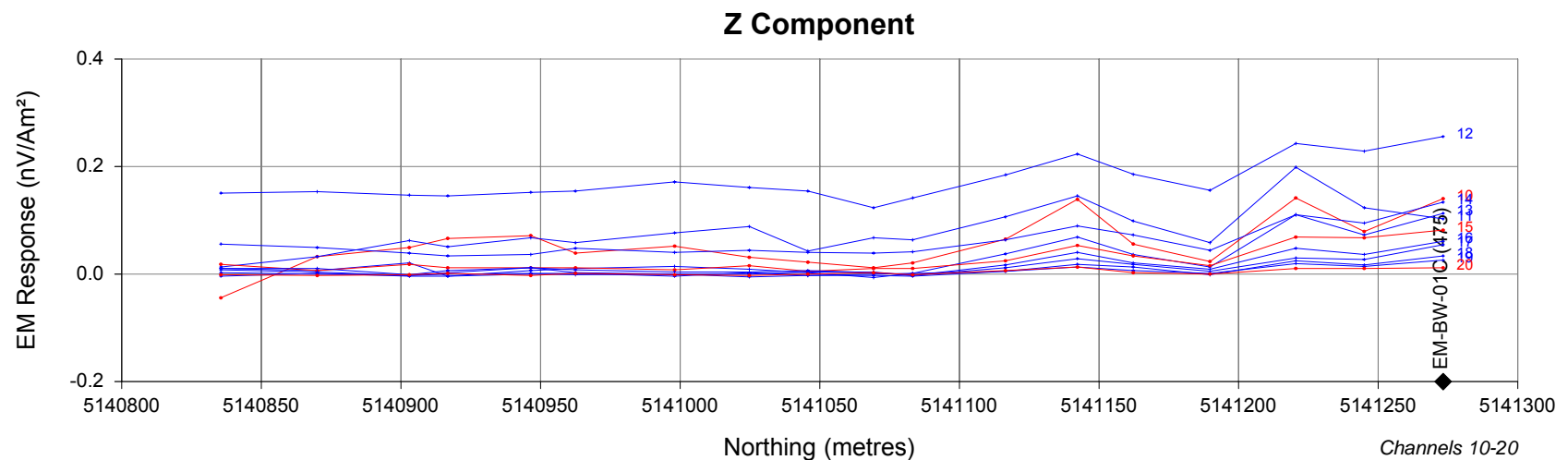
RECEIVER

EMIT : SMARTem 24
 Frequency : 30 Hz
 Components : Z, X & Y
 Surface Sensor : 3D-3 (Geonics)
 Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
 Loop : Loop 01
 Tx Turn : 1
 Tx Current : 20 A
 Off Time : 8.33 ms
 Turn Off : 340 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Bullfrog West Grid Ground TDEM Survey EM Response Profiles Line 109E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

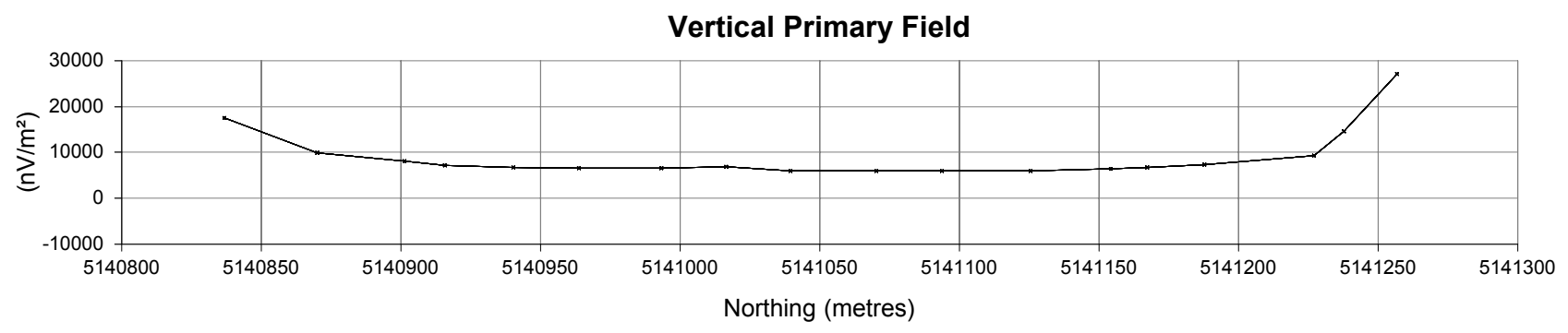
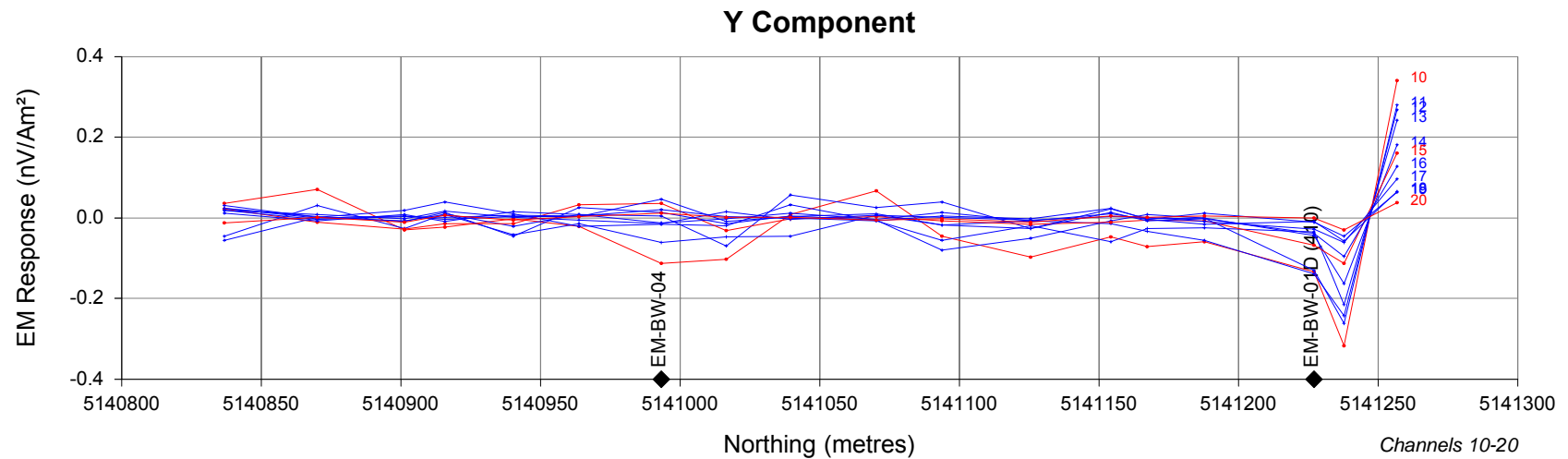
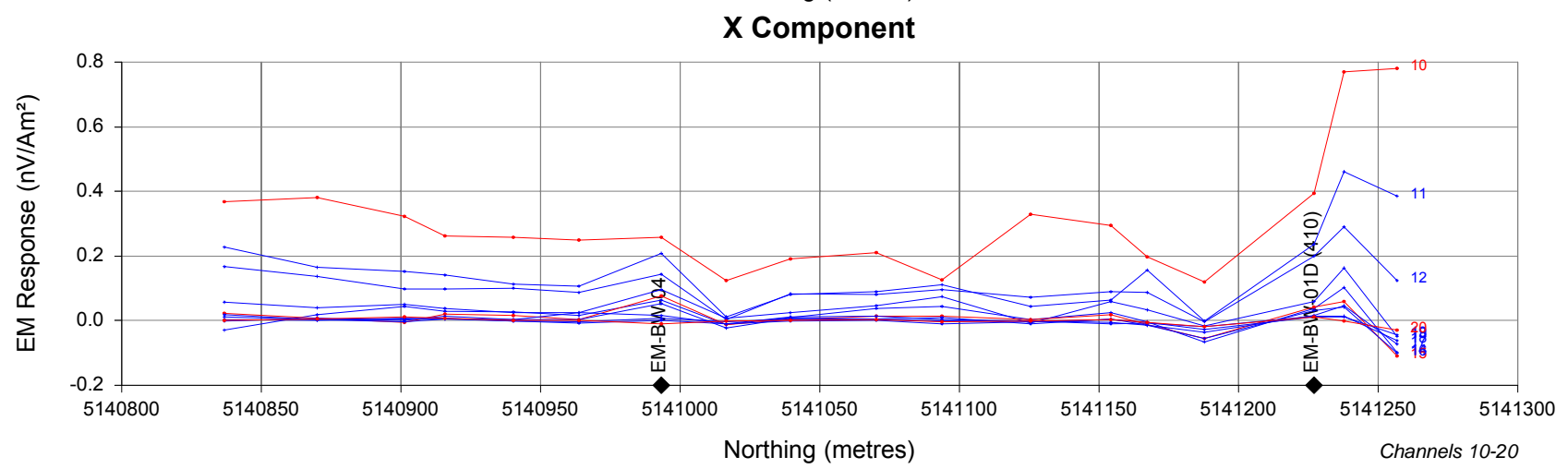
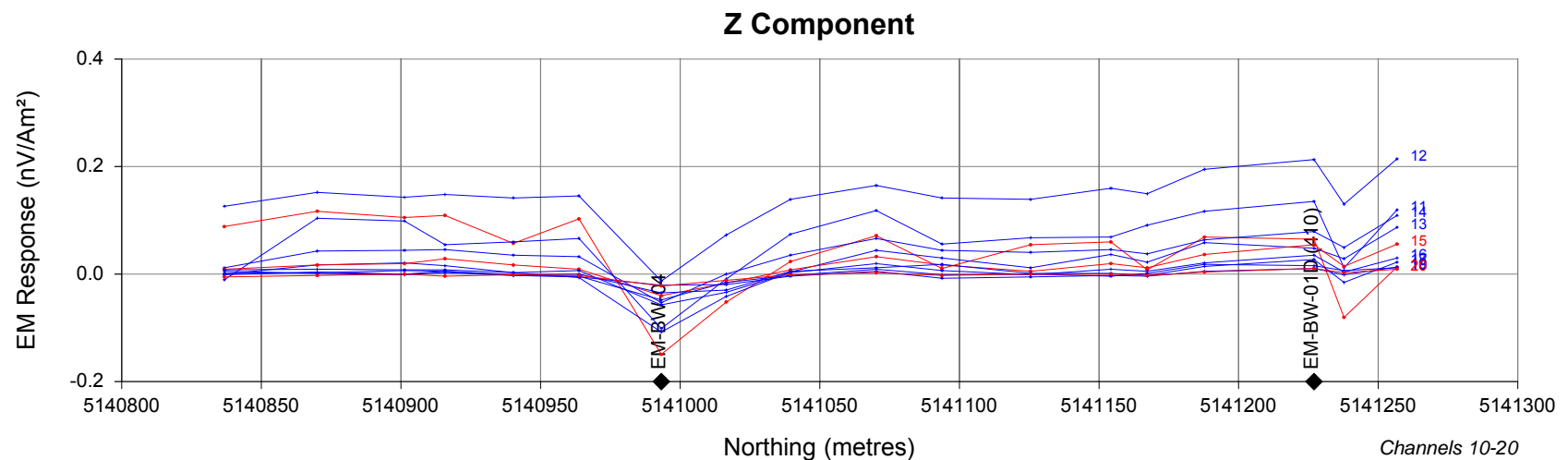
TRANSMITTER

TerraScope : PRO5U
Loop : Loop 01
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 340 μs

Abitibi Geophysics Inc.

Mustang Minerals Corp.
East Bull Lake Project - Bullfrog West Grid
Ground TDEM Survey
EM Response Profiles
Line 110E
11N098

By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.6592	11	: 1.429
2	: 0.6842	12	: 1.640
3	: 0.7137	13	: 1.900
4	: 0.7507	14	: 2.224
5	: 0.7972	15	: 2.626
6	: 0.8547	16	: 3.124
7	: 0.9257	17	: 3.744
8	: 1.014	18	: 4.513
9	: 1.124	19	: 5.467
10	: 1.260	20	: 6.652

SURVEY PARAMETERS

Configuration : In-Loop
 Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
 Frequency : 30 Hz
 Components : Z, X & Y
 Surface Sensor : 3D-3 (Geonics)
 Rx Area : 200 m²

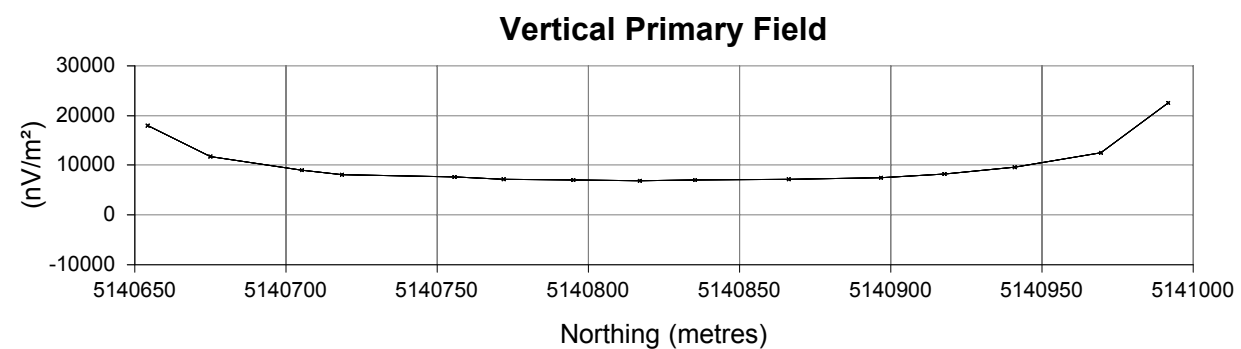
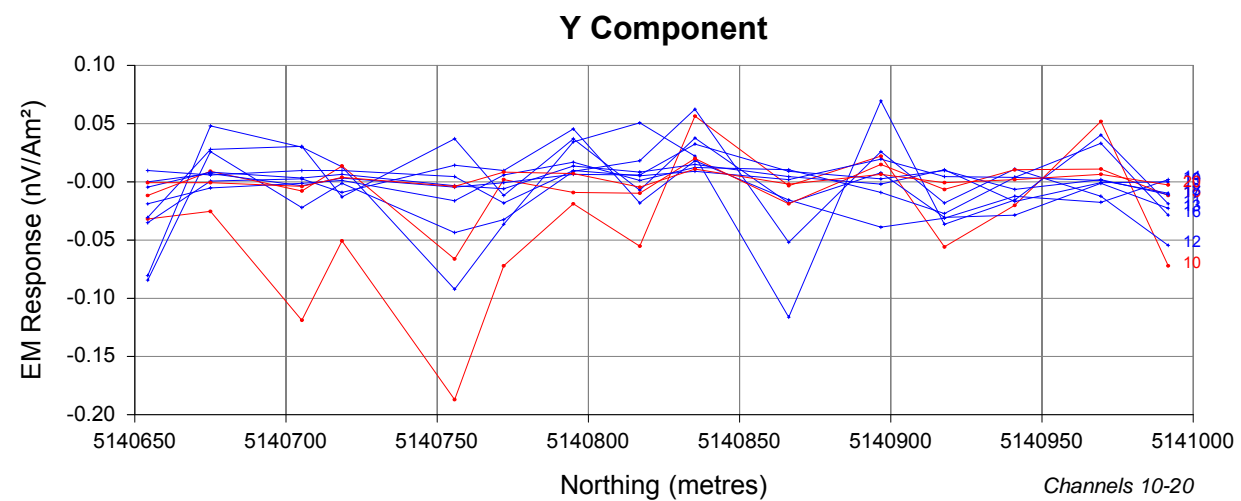
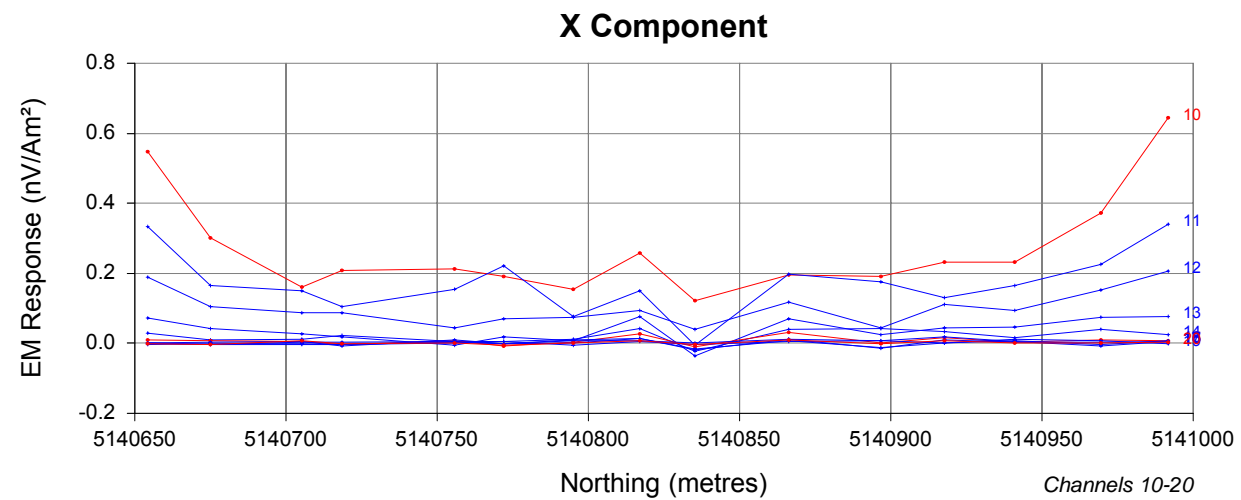
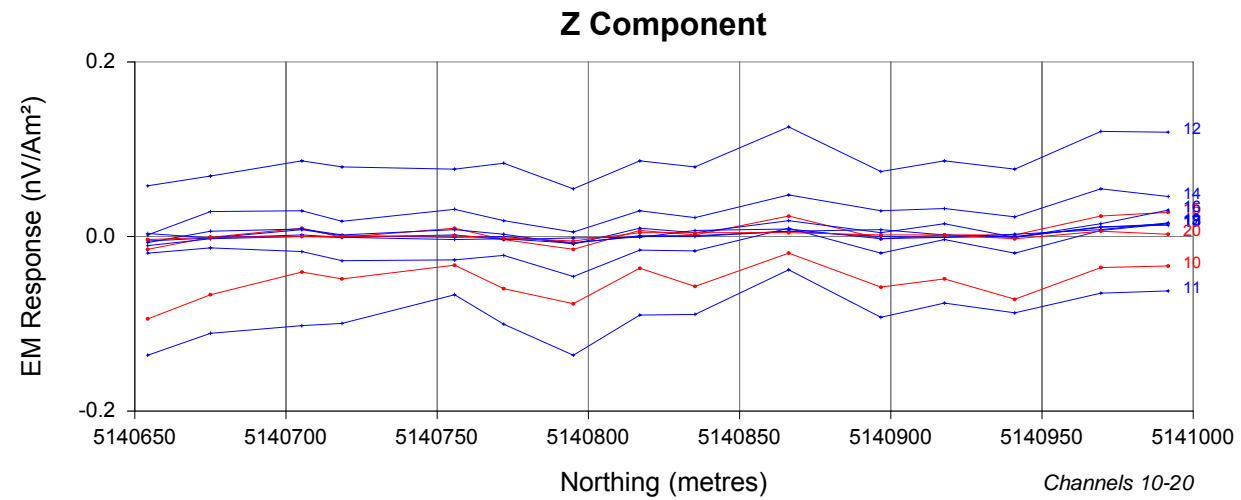
TRANSMITTER

TerraScope : PRO5U
 Loop : Loop 01
 Tx Turn : 1
 Tx Current : 20 A
 Off Time : 8.33 ms
 Turn Off : 340 µs

Abitibi Geophysics Inc.

Mustang Minerals Corp.
 East Bull Lake Project - Bullfrog West Grid
 Ground TDEM Survey
 EM Response Profiles
 Line 111E
 11N098

By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.5952	11	: 1.365
2	: 0.6202	12	: 1.576
3	: 0.6497	13	: 1.836
4	: 0.6867	14	: 2.160
5	: 0.7332	15	: 2.562
6	: 0.7907	16	: 3.060
7	: 0.8617	17	: 3.680
8	: 0.9502	18	: 4.449
9	: 1.060	19	: 5.403
10	: 1.196	20	: 6.588

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 02
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μ s

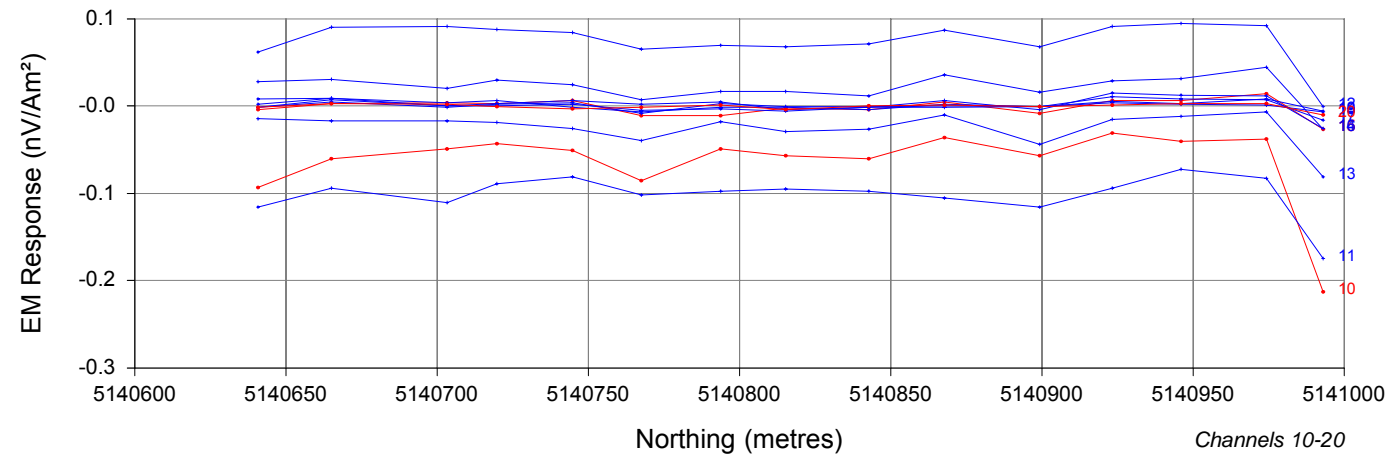
Abitibi Geophysics Inc.

Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Ground TDEM Survey
EM Response Profiles
Line 201E
11N098

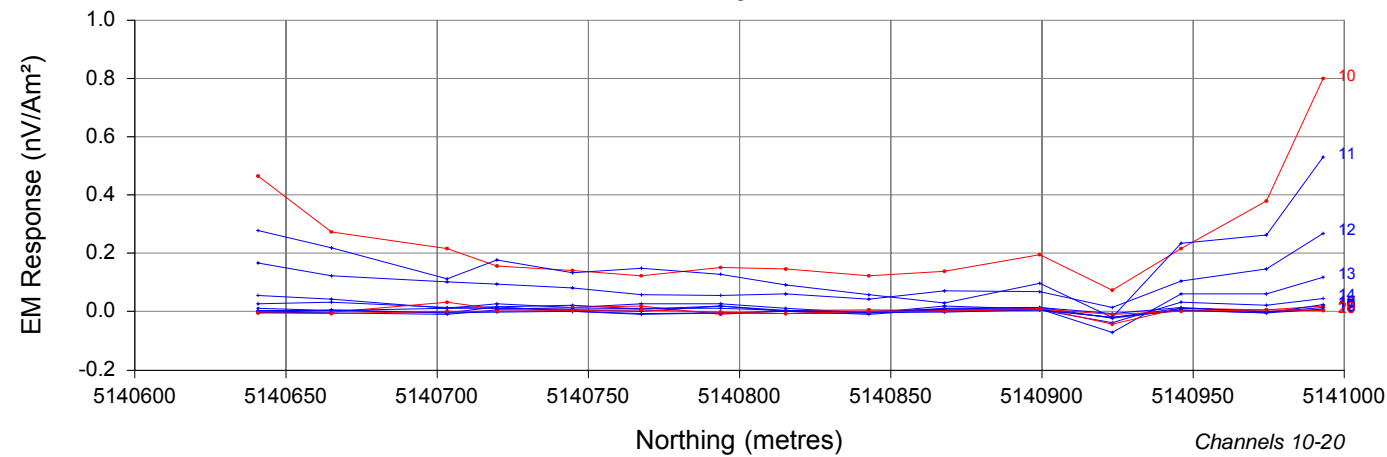
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



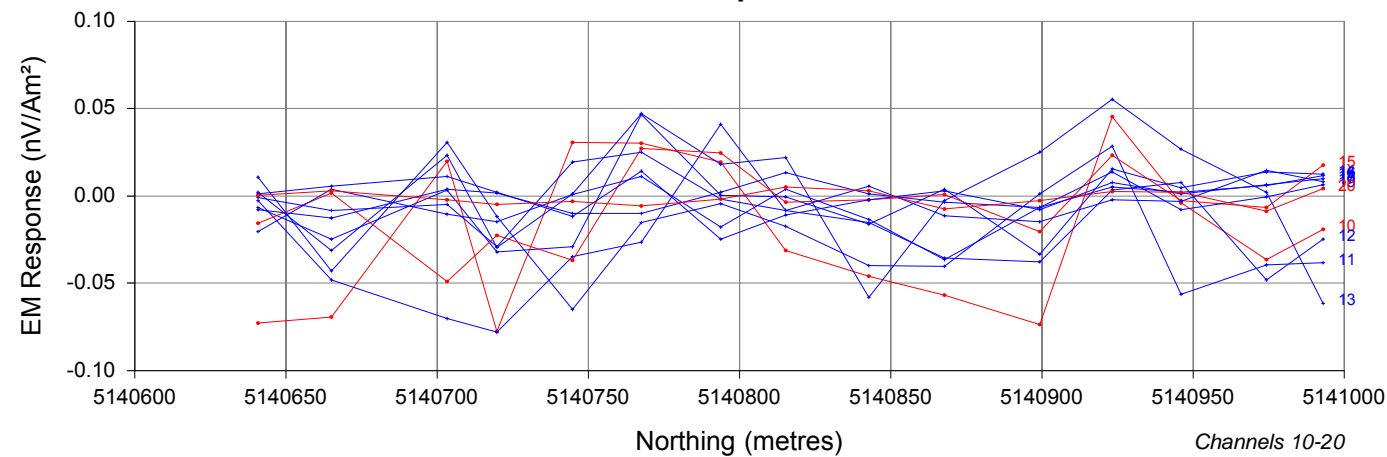
Z Component



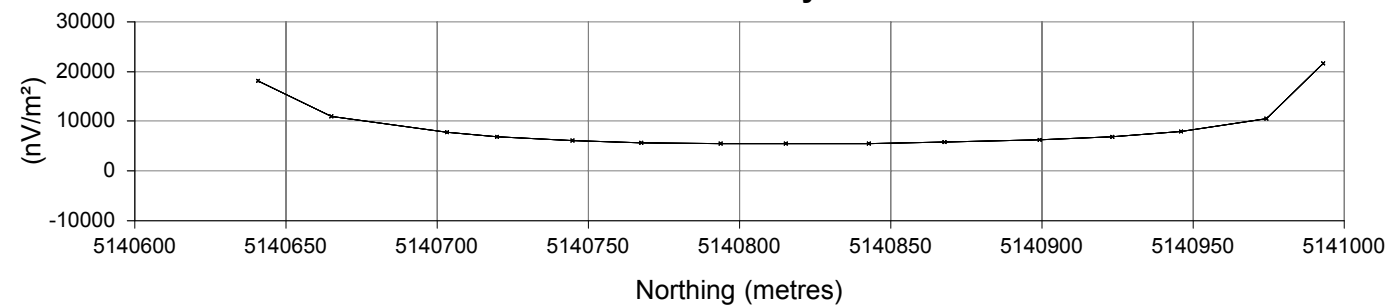
X Component



Y Component



Vertical Primary Field



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.5952	11	: 1.365
2	: 0.6202	12	: 1.576
3	: 0.6497	13	: 1.836
4	: 0.6867	14	: 2.160
5	: 0.7332	15	: 2.562
6	: 0.7907	16	: 3.060
7	: 0.8617	17	: 3.680
8	: 0.9502	18	: 4.449
9	: 1.060	19	: 5.403
10	: 1.196	20	: 6.588

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 02
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μ s

Abitibi Geophysics Inc.

Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Ground TDEM Survey
EM Response Profiles
Line 202E
11N098

By : M. Dubois

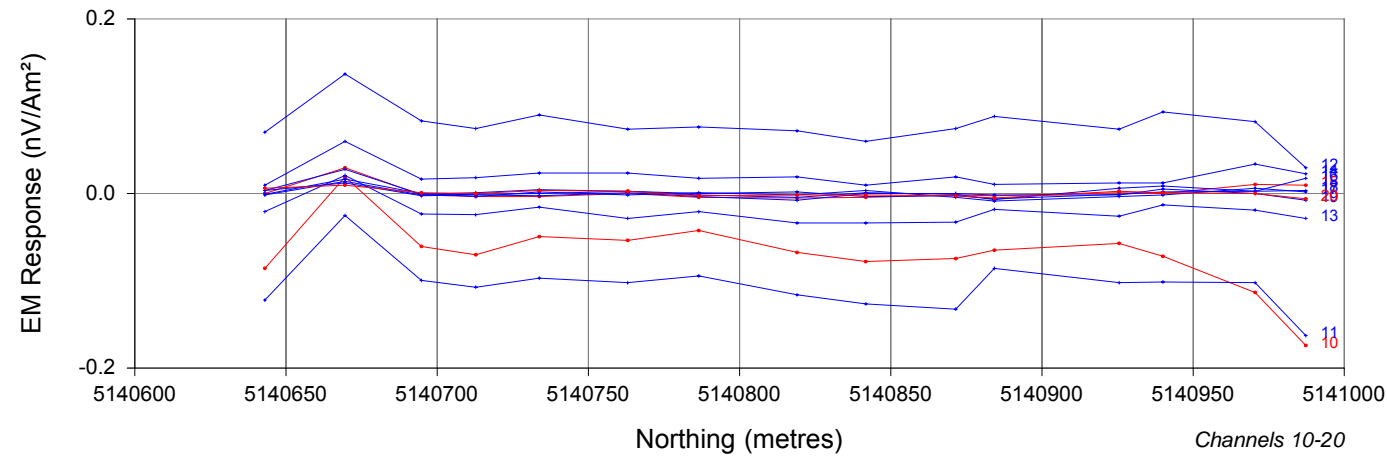
Date : Nov. 2011

Verif. : C. Brown

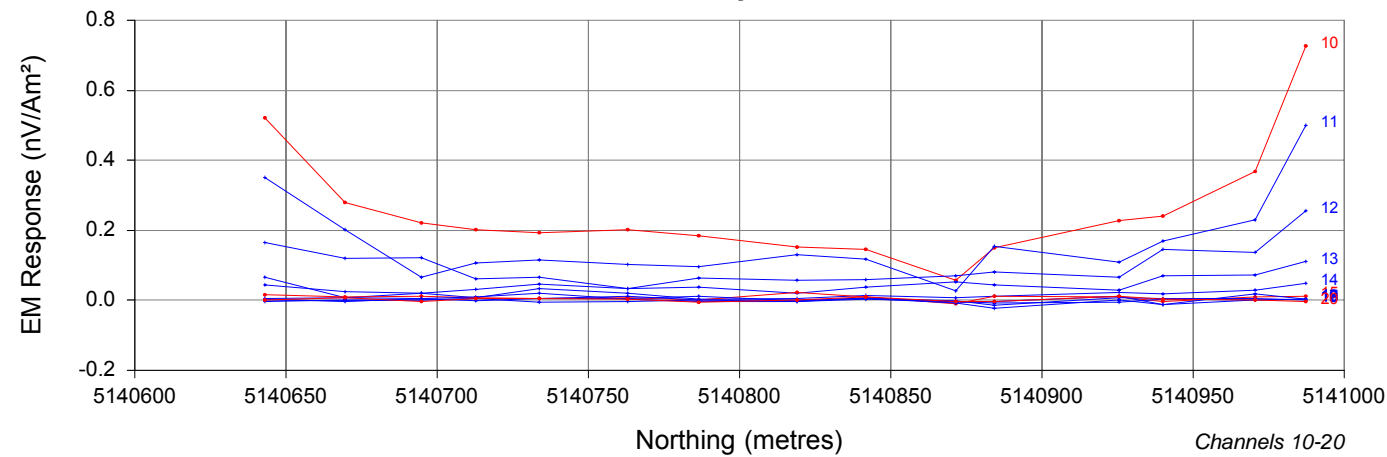
Scale 1:2500



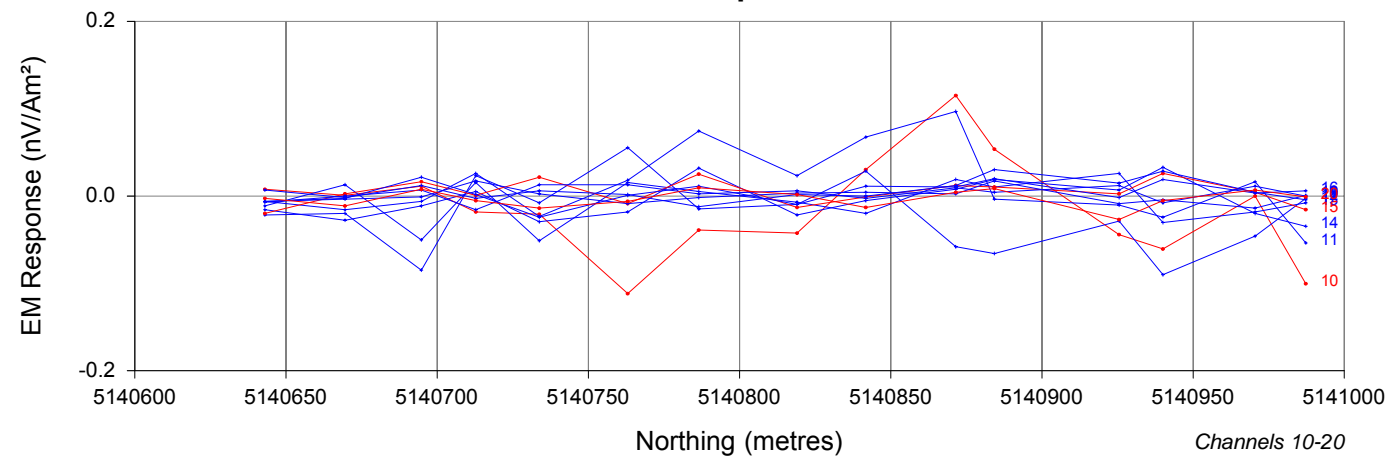
Z Component



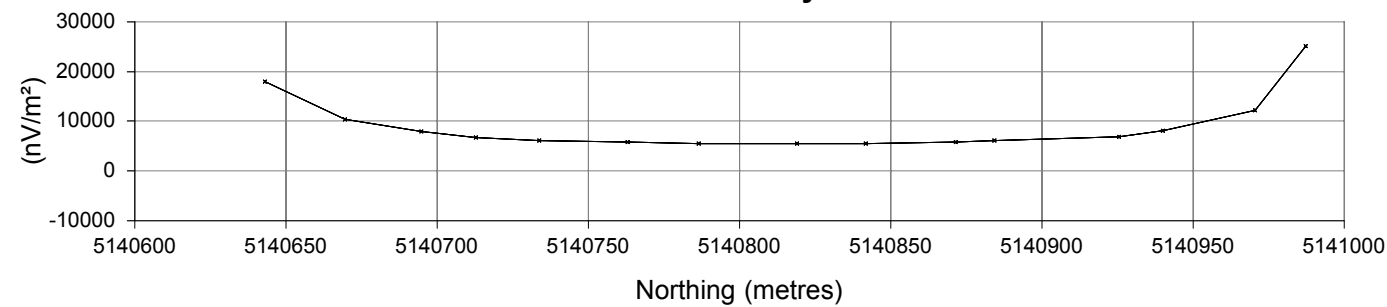
X Component



Y Component



Vertical Primary Field



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.5952	11	: 1.365
2	: 0.6202	12	: 1.576
3	: 0.6497	13	: 1.836
4	: 0.6867	14	: 2.160
5	: 0.7332	15	: 2.562
6	: 0.7907	16	: 3.060
7	: 0.8617	17	: 3.680
8	: 0.9502	18	: 4.449
9	: 1.060	19	: 5.403
10	: 1.196	20	: 6.588

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 02
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 µs

Abitibi Geophysics Inc.

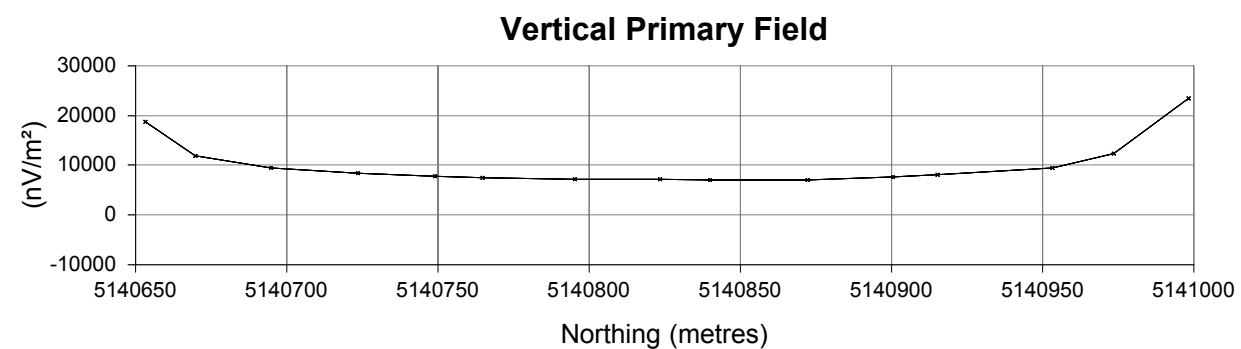
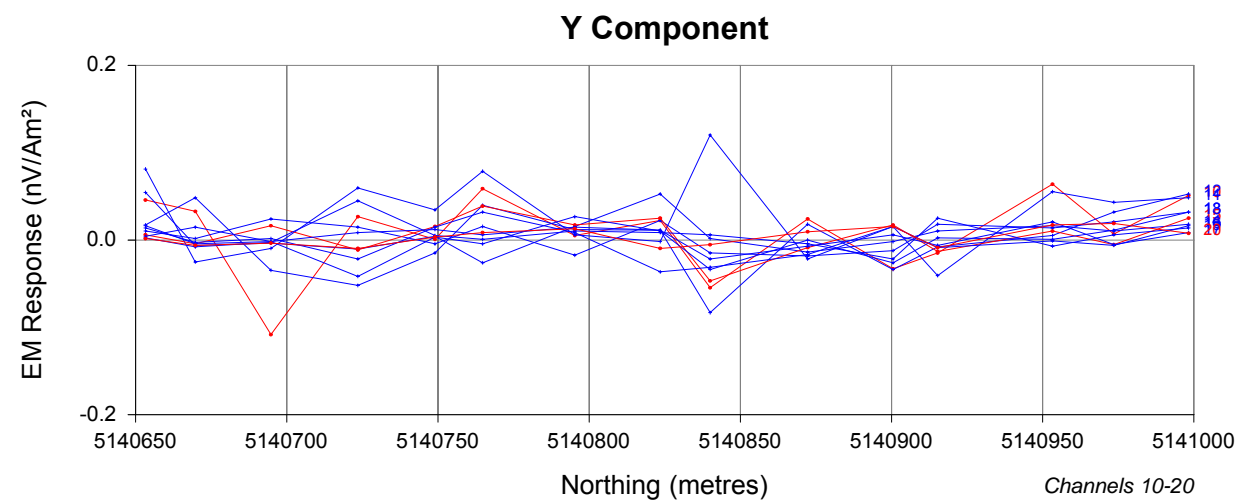
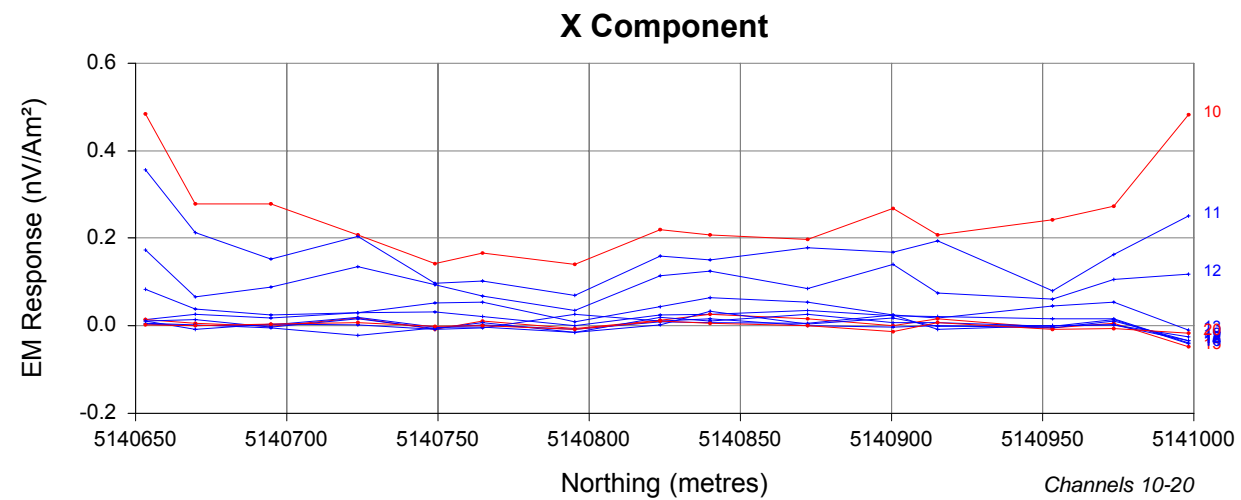
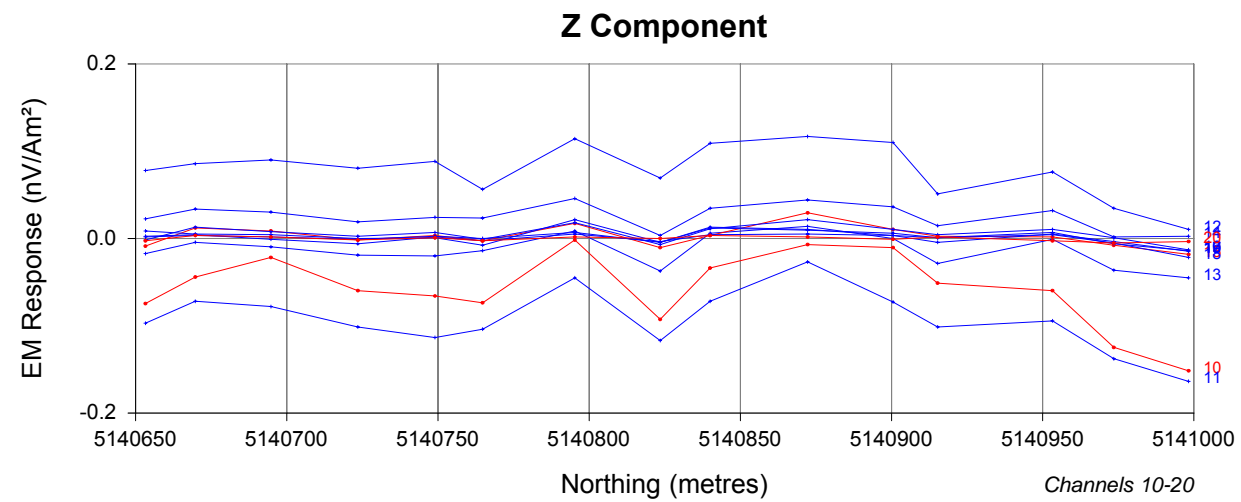
Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Ground TDEM Survey
EM Response Profiles
Line 203E
11N098

By : M. Dubois

Date : Nov. 2011

Verif. : C. Brown

Scale 1:2500



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.5952	11	: 1.365
2	: 0.6202	12	: 1.576
3	: 0.6497	13	: 1.836
4	: 0.6867	14	: 2.160
5	: 0.7332	15	: 2.562
6	: 0.7907	16	: 3.060
7	: 0.8617	17	: 3.680
8	: 0.9502	18	: 4.449
9	: 1.060	19	: 5.403
10	: 1.196	20	: 6.588

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

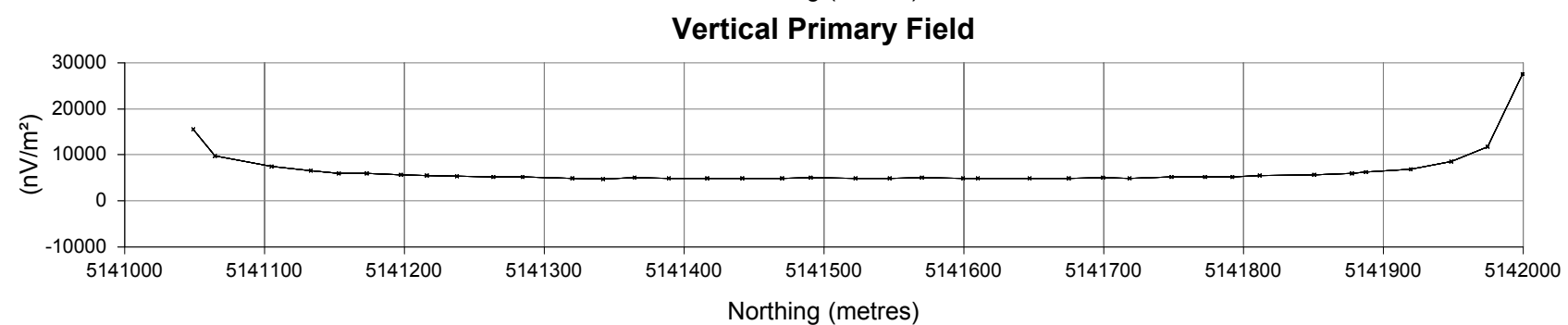
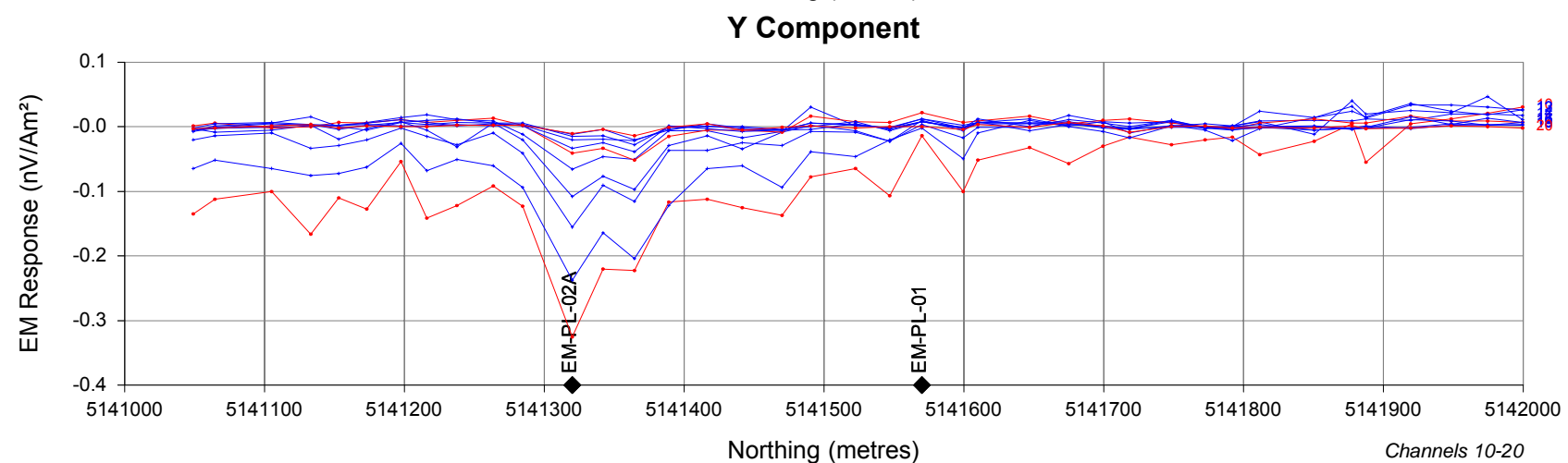
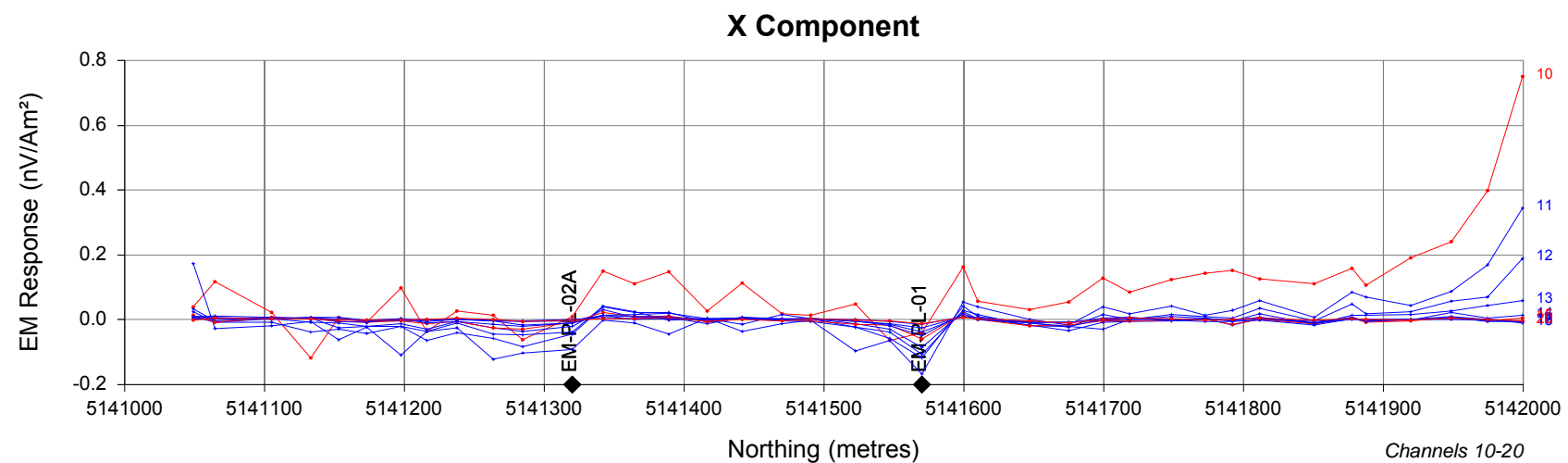
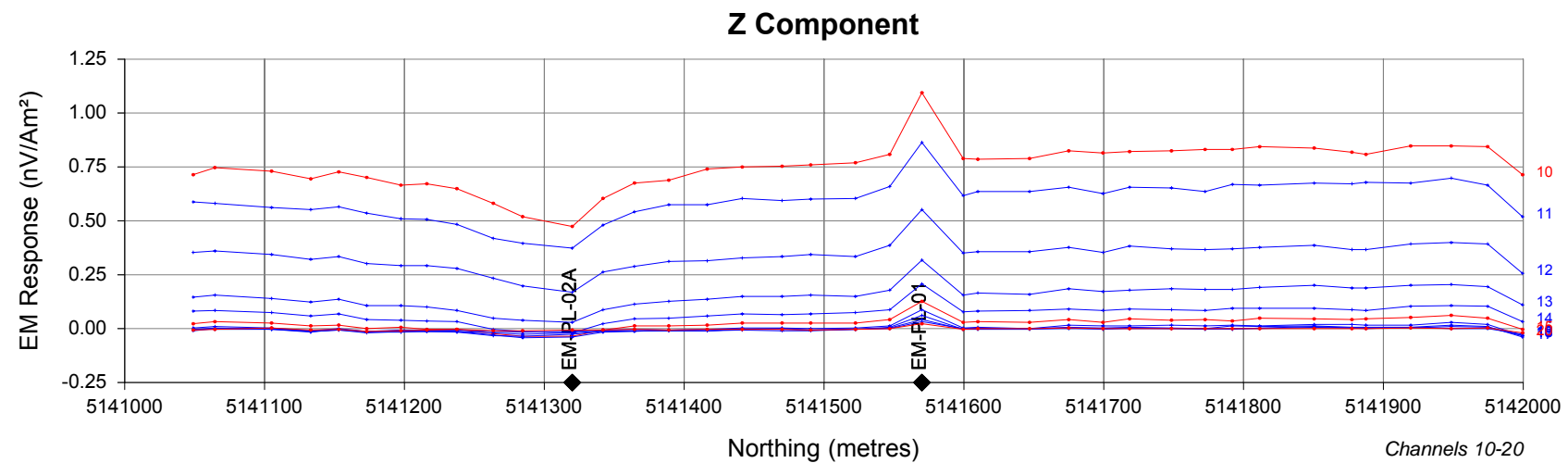
TRANSMITTER

TerraScope : PRO5U
Loop : Loop 02
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μ s

Abitibi Geophysics Inc.

Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Ground TDEM Survey
EM Response Profiles
Line 204E
11N098

By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:2500



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6712	11	: 1.441
2	: 0.6962	12	: 1.652
3	: 0.7257	13	: 1.912
4	: 0.7627	14	: 2.236
5	: 0.8092	15	: 2.638
6	: 0.8667	16	: 3.136
7	: 0.9377	17	: 3.756
8	: 1.026	18	: 4.525
9	: 1.136	19	: 5.479
10	: 1.272	20	: 6.664

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

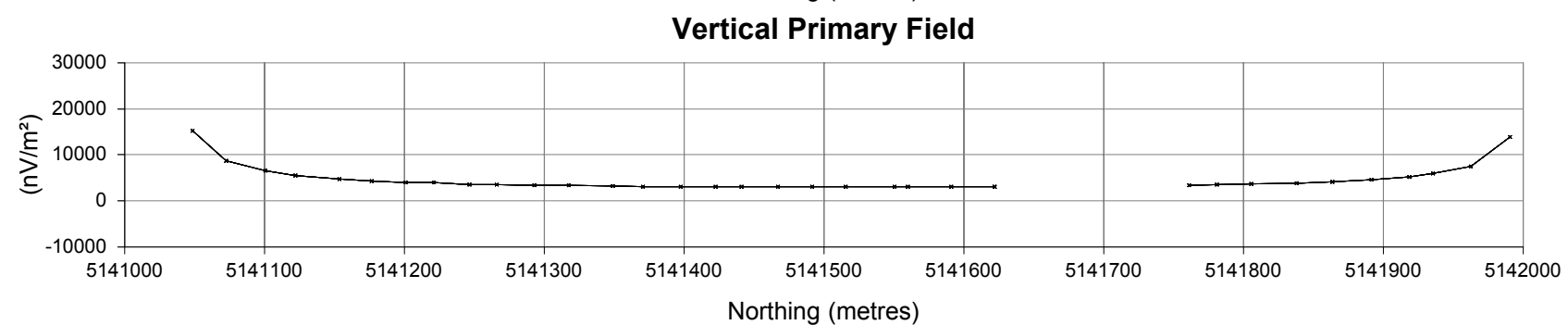
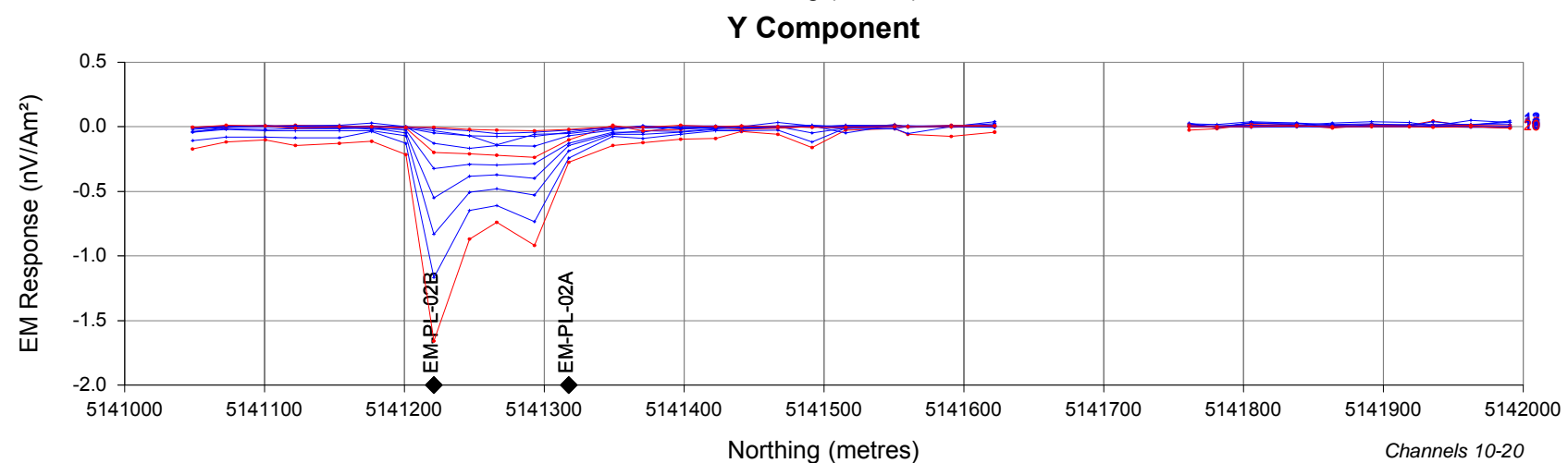
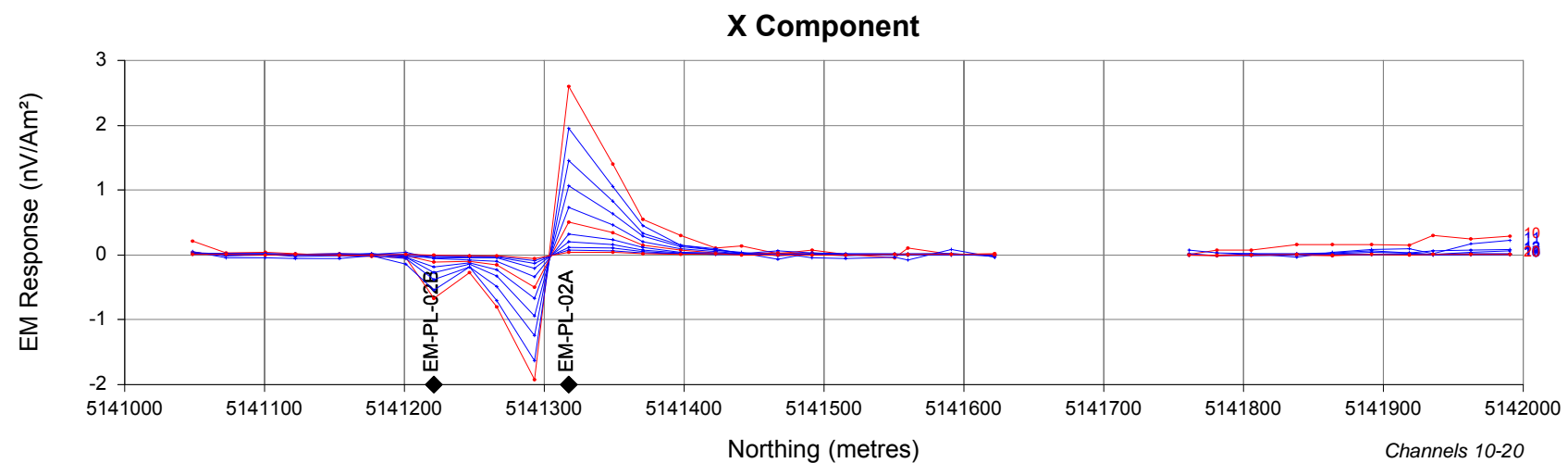
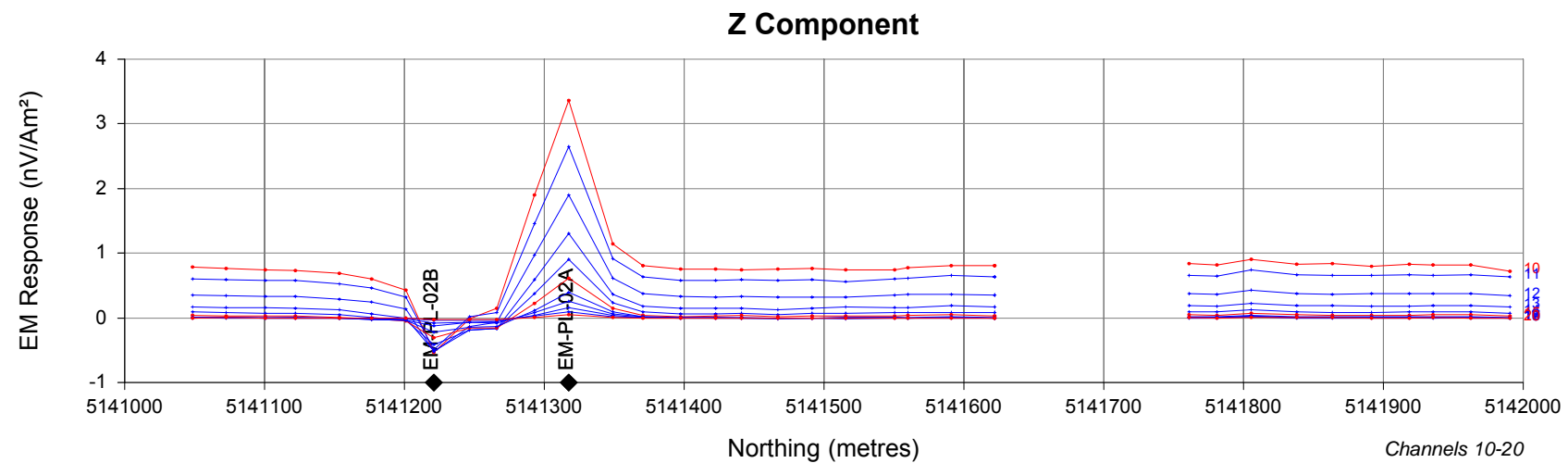
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 03
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μ s

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 301E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6712	11	: 1.441
2	: 0.6962	12	: 1.652
3	: 0.7257	13	: 1.912
4	: 0.7627	14	: 2.236
5	: 0.8092	15	: 2.638
6	: 0.8667	16	: 3.136
7	: 0.9377	17	: 3.756
8	: 1.026	18	: 4.525
9	: 1.136	19	: 5.479
10	: 1.272	20	: 6.664

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

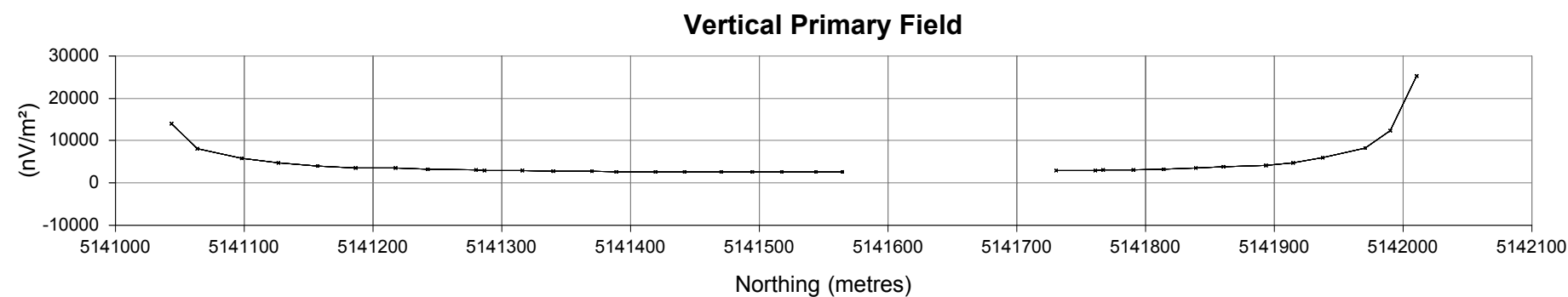
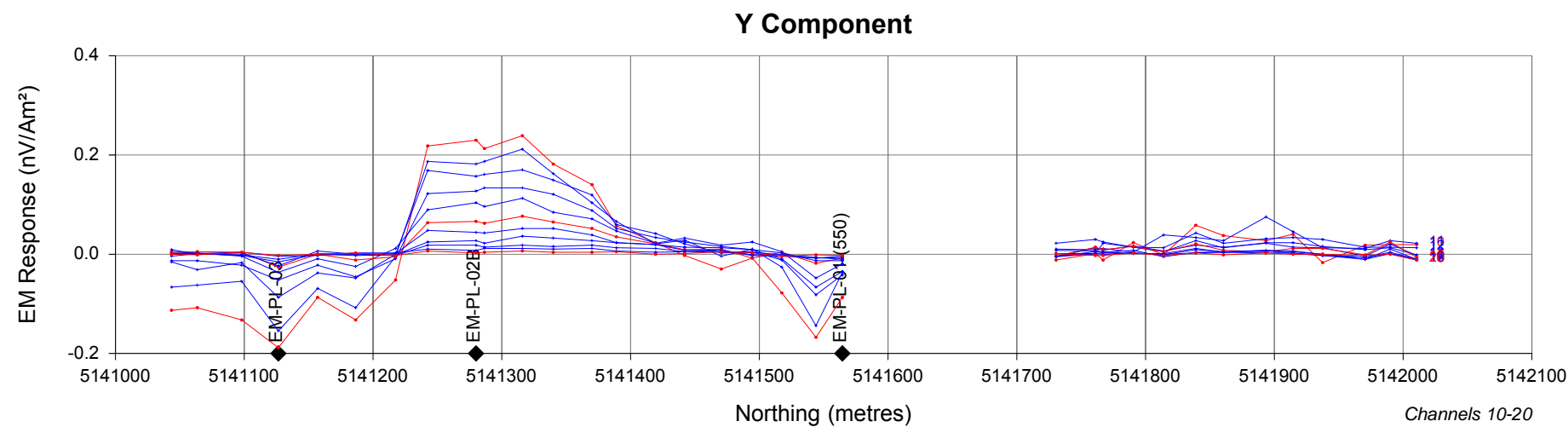
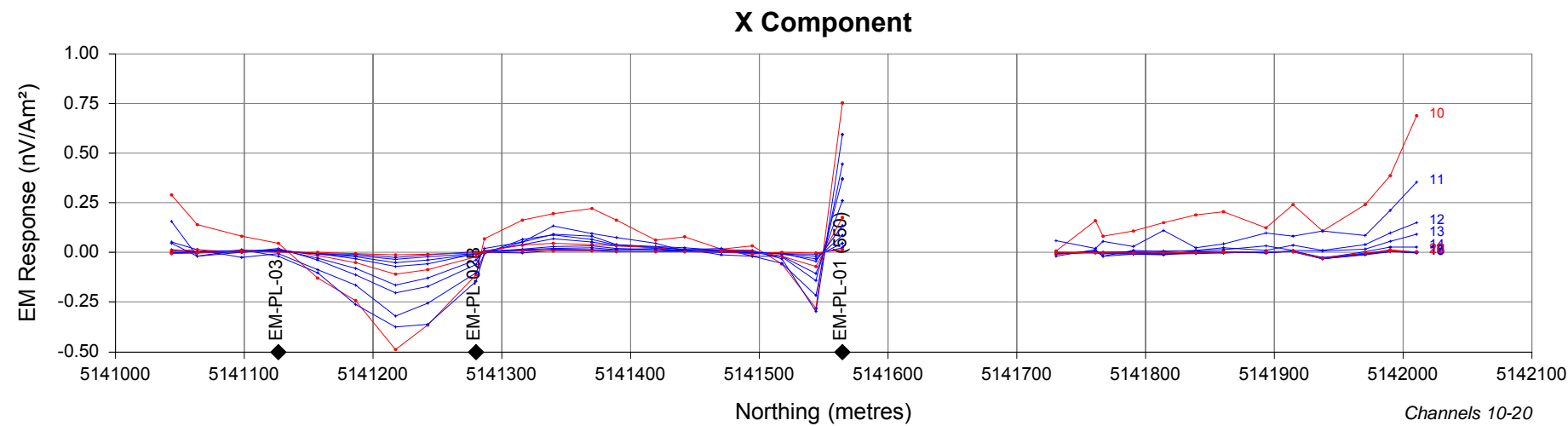
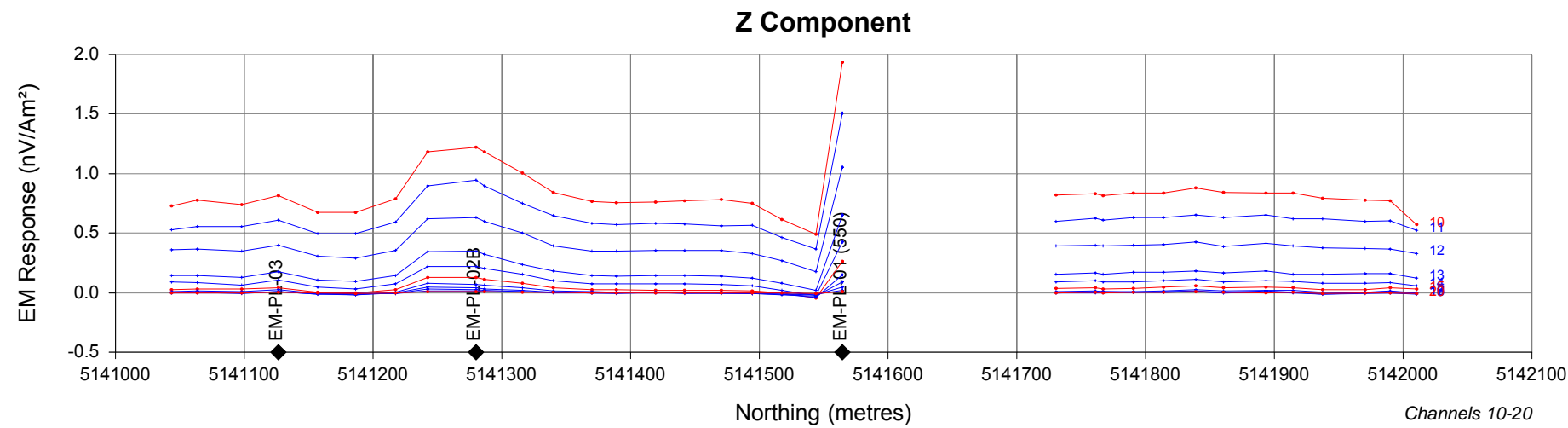
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 03
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 µs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 302E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.6712	11	: 1.441
2	: 0.6962	12	: 1.652
3	: 0.7257	13	: 1.912
4	: 0.7627	14	: 2.236
5	: 0.8092	15	: 2.638
6	: 0.8667	16	: 3.136
7	: 0.9377	17	: 3.756
8	: 1.026	18	: 4.525
9	: 1.136	19	: 5.479
10	: 1.272	20	: 6.664

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

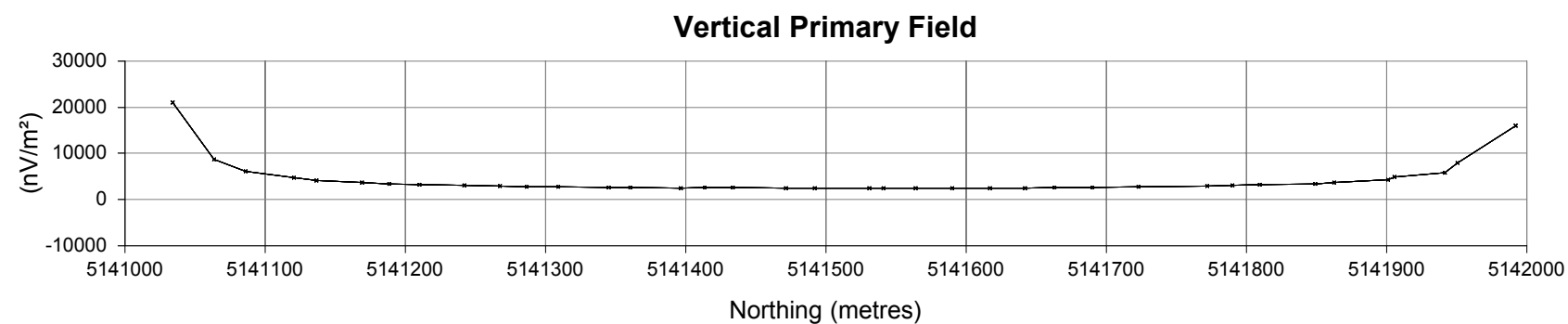
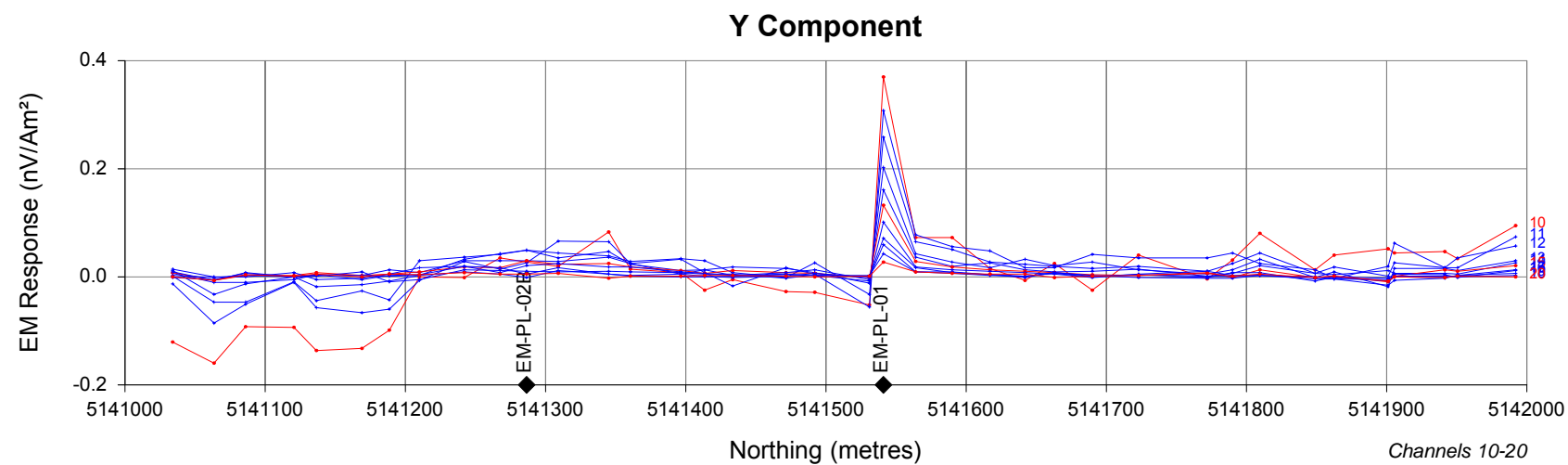
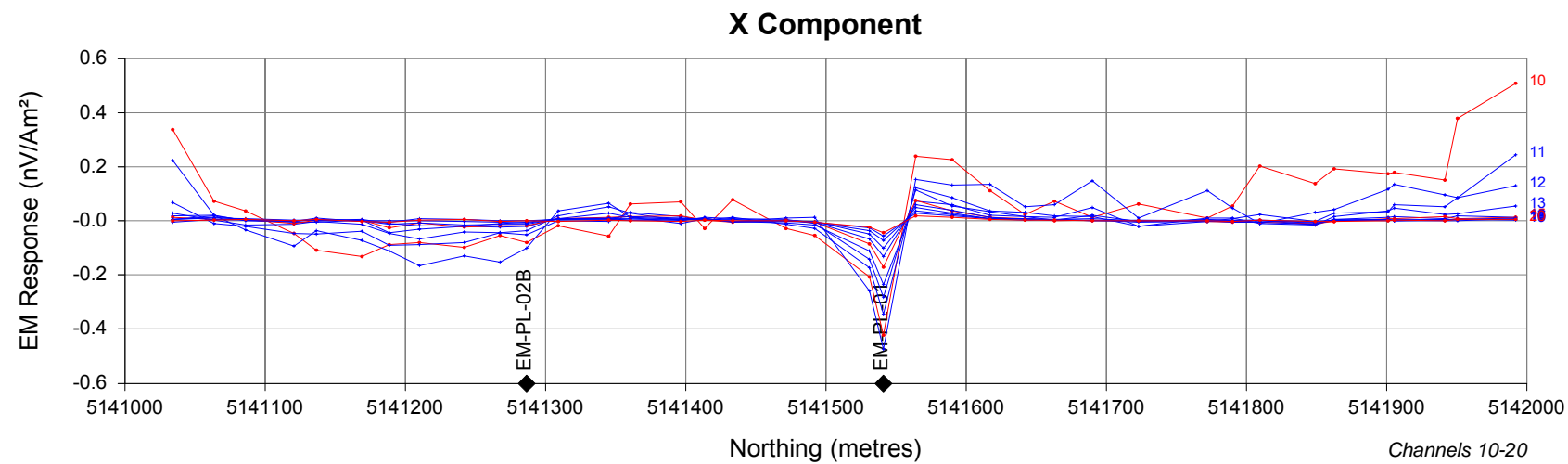
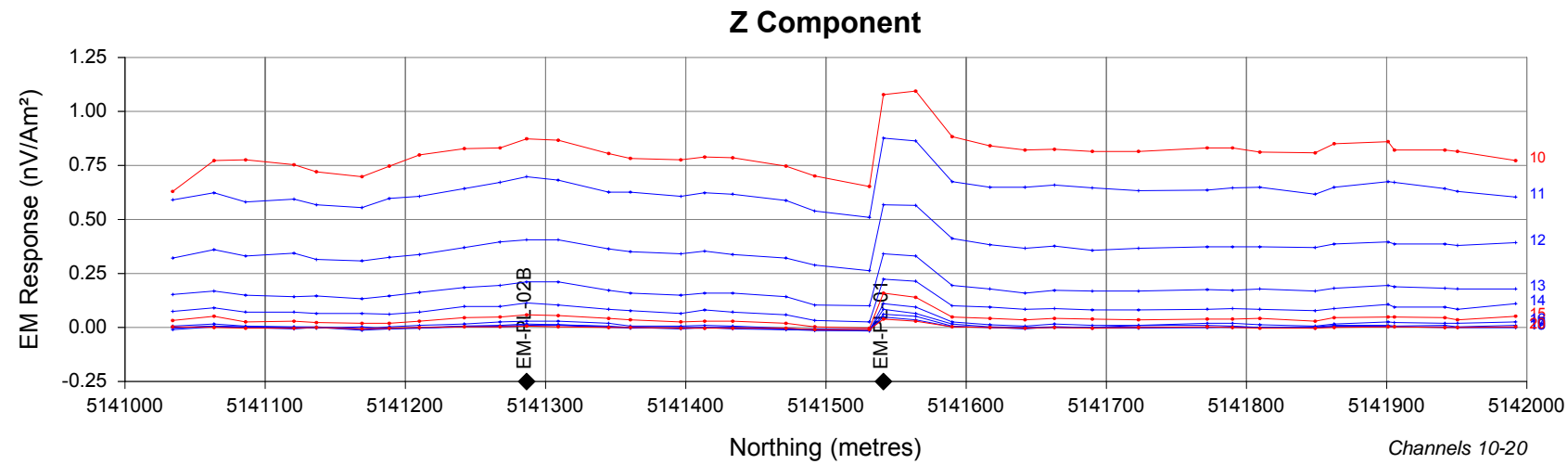
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 03
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 303E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6712	11	: 1.441
2	: 0.6962	12	: 1.652
3	: 0.7257	13	: 1.912
4	: 0.7627	14	: 2.236
5	: 0.8092	15	: 2.638
6	: 0.8667	16	: 3.136
7	: 0.9377	17	: 3.756
8	: 1.026	18	: 4.525
9	: 1.136	19	: 5.479
10	: 1.272	20	: 6.664

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 25 m

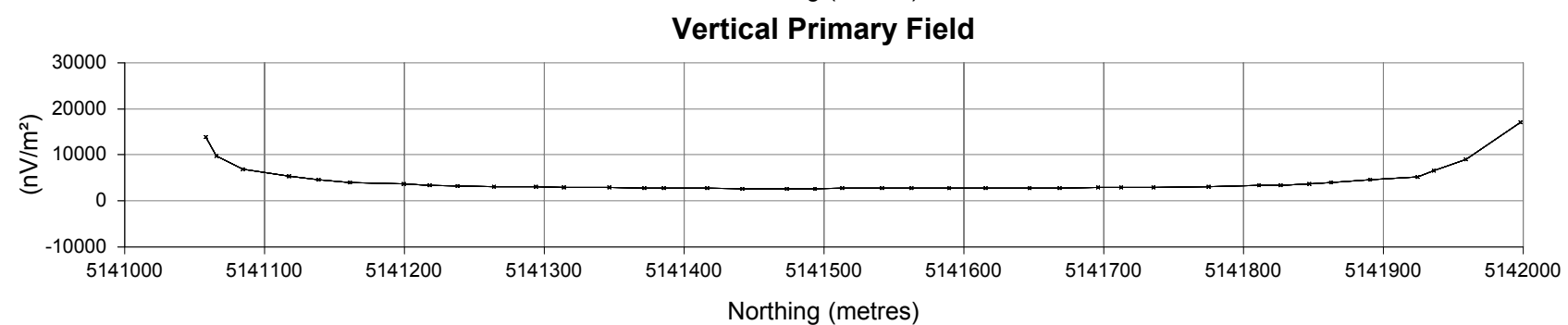
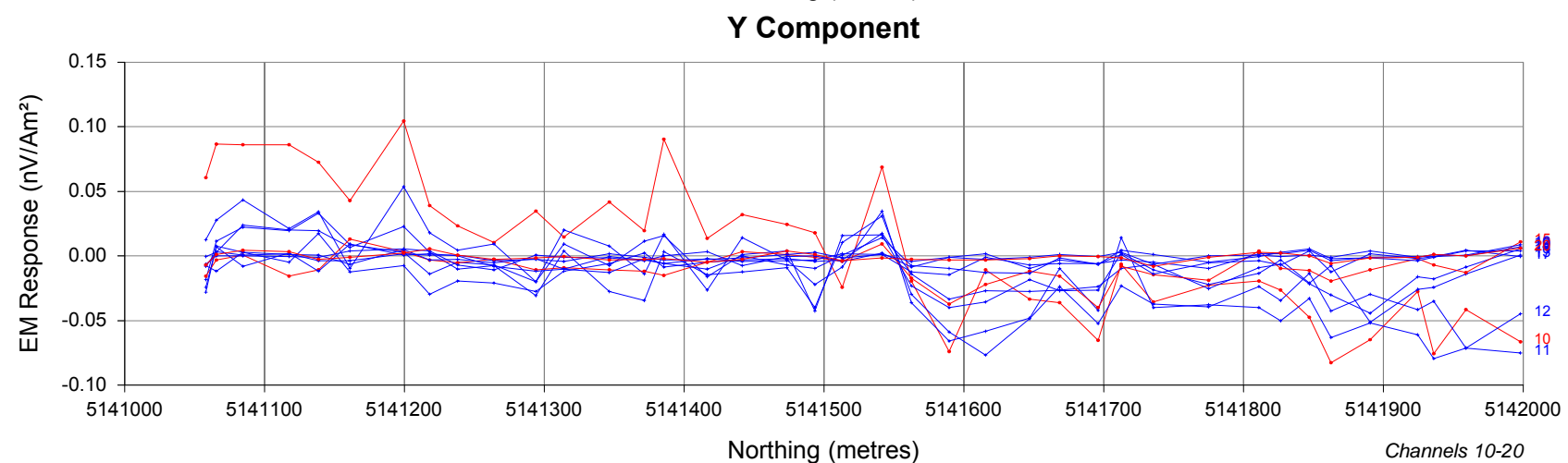
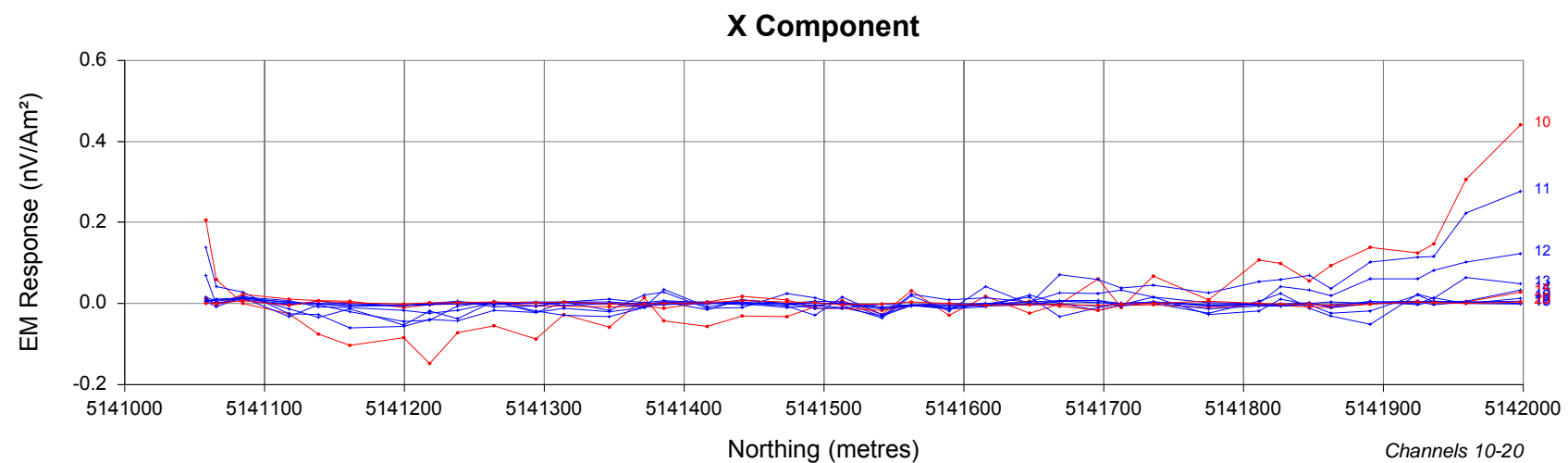
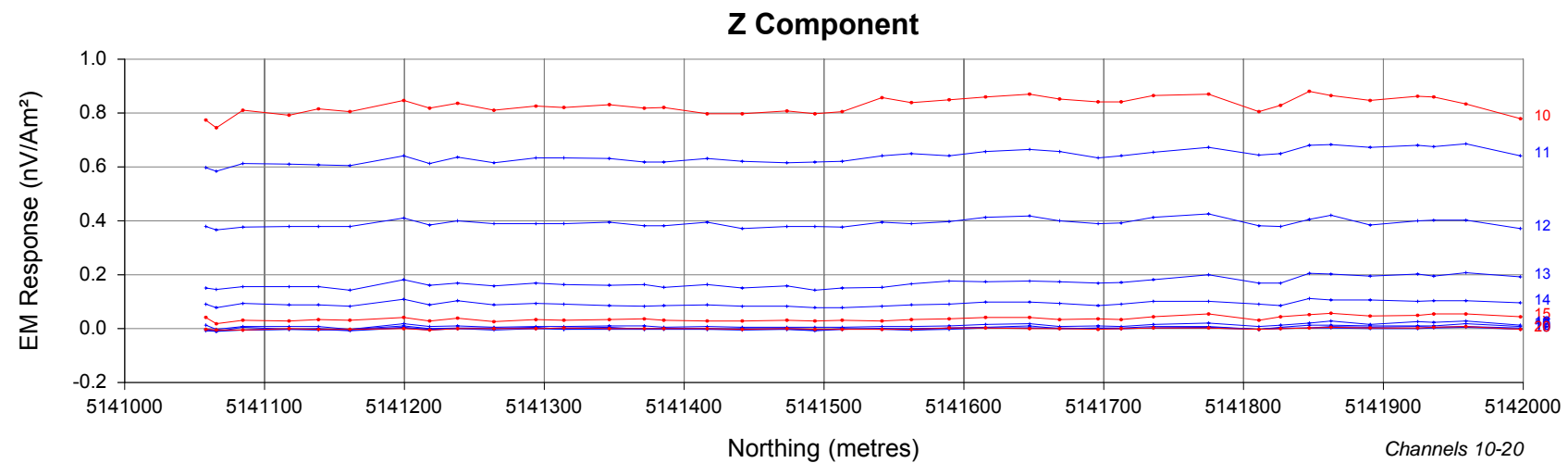
RECEIVER

EMIT	: SMARTem 24
Frequency	: 30 Hz
Components	: Z, X & Y
Surface Sensor	: 3D-3 (Geonics)
Rx Area	: 200 m ²

TRANSMITTER

TerraScope	: PRO5U
Loop	: Loop 03
Tx Turn	: 1
Tx Current	: 20 A
Off Time	: 8.33 ms
Turn Off	: 572 µs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 304E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6792	11	: 1.449
2	: 0.7042	12	: 1.660
3	: 0.7337	13	: 1.920
4	: 0.7707	14	: 2.244
5	: 0.8172	15	: 2.646
6	: 0.8747	16	: 3.144
7	: 0.9457	17	: 3.764
8	: 1.034	18	: 4.533
9	: 1.144	19	: 5.487
10	: 1.280	20	: 6.672

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

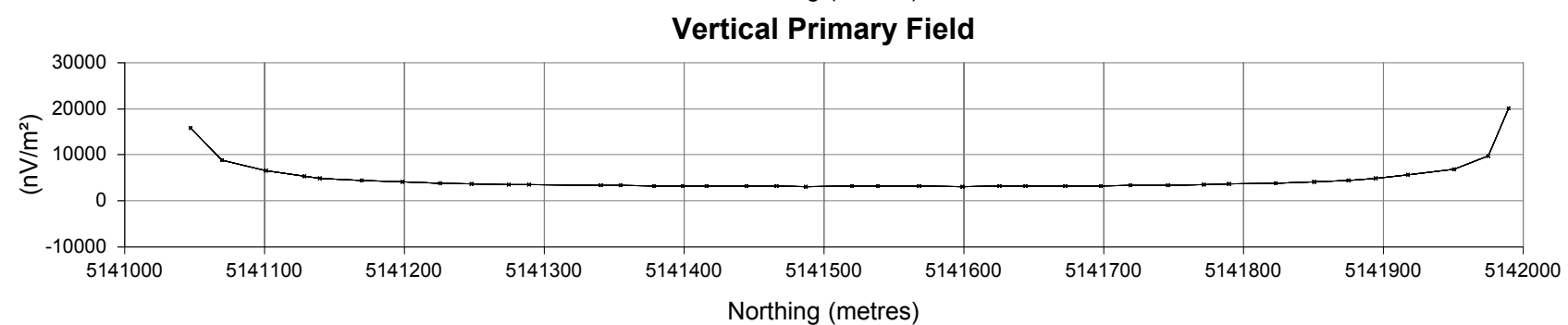
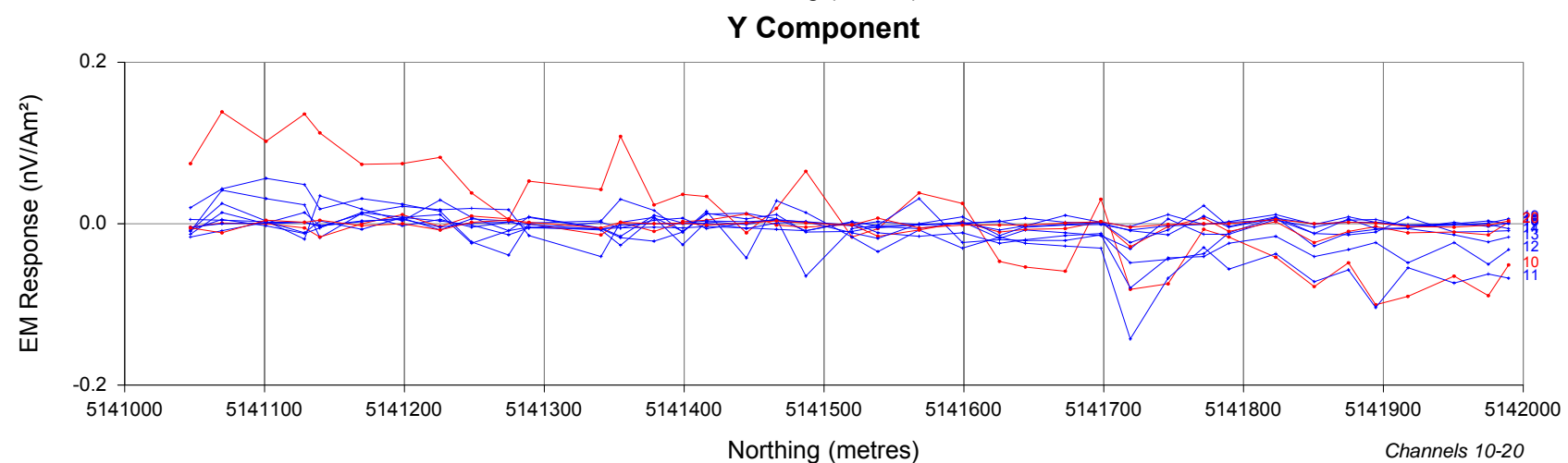
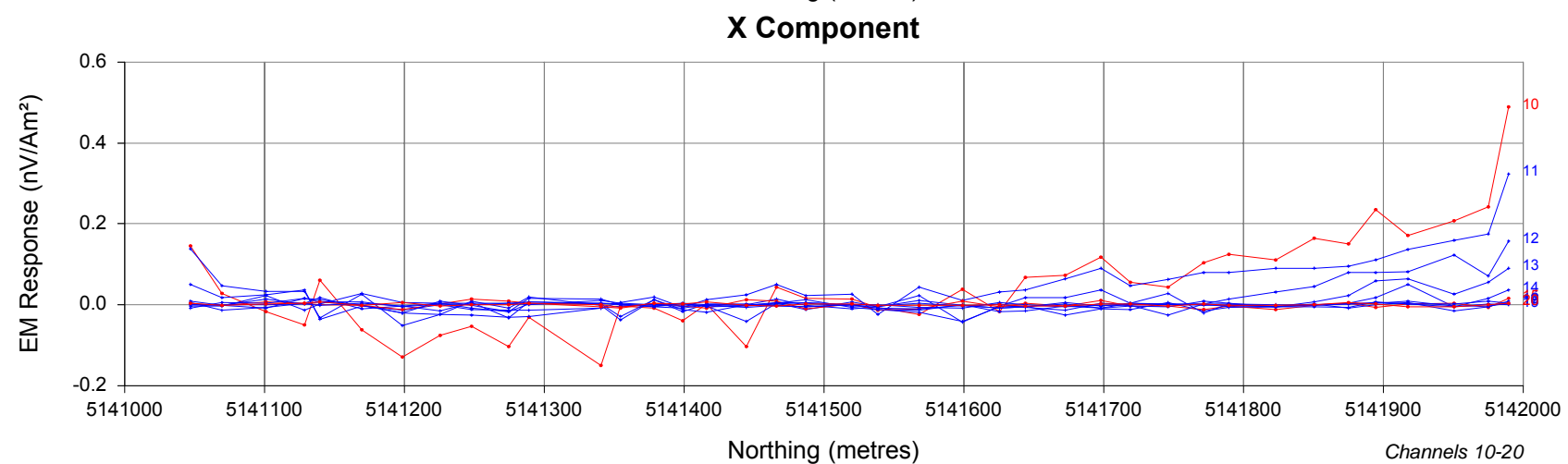
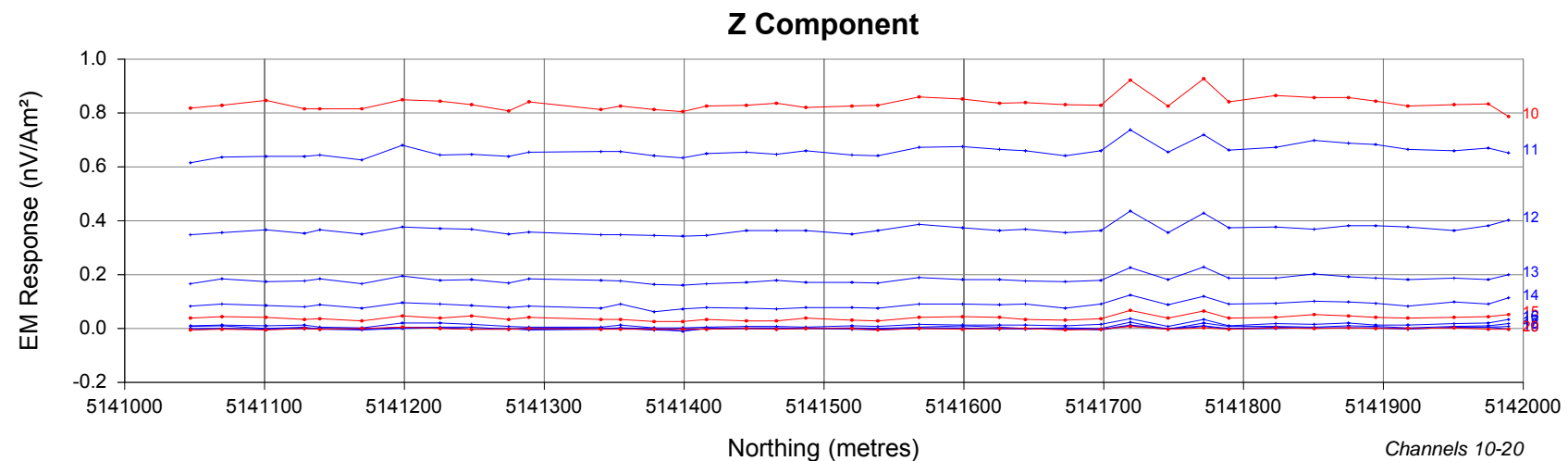
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 03
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 305E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6792	11	: 1.449
2	: 0.7042	12	: 1.660
3	: 0.7337	13	: 1.920
4	: 0.7707	14	: 2.244
5	: 0.8172	15	: 2.646
6	: 0.8747	16	: 3.144
7	: 0.9457	17	: 3.764
8	: 1.034	18	: 4.533
9	: 1.144	19	: 5.487
10	: 1.280	20	: 6.672

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

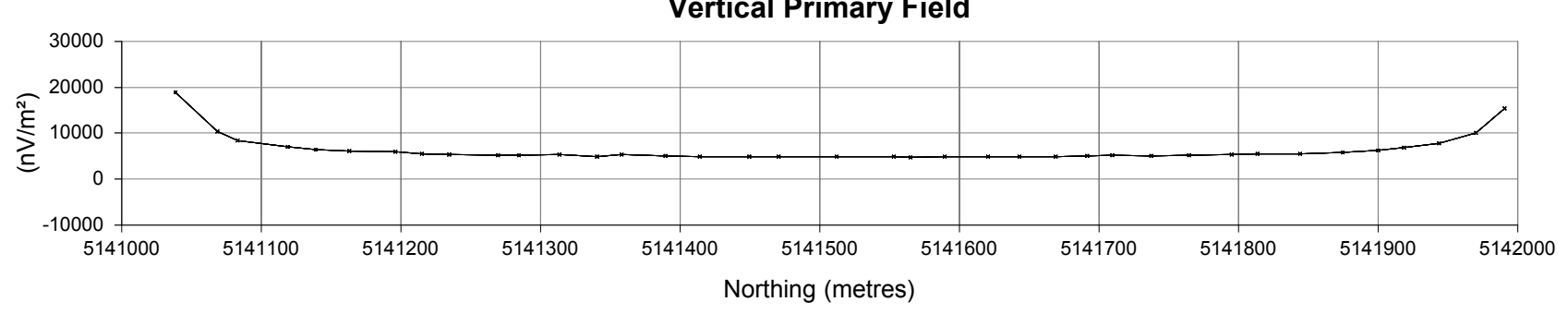
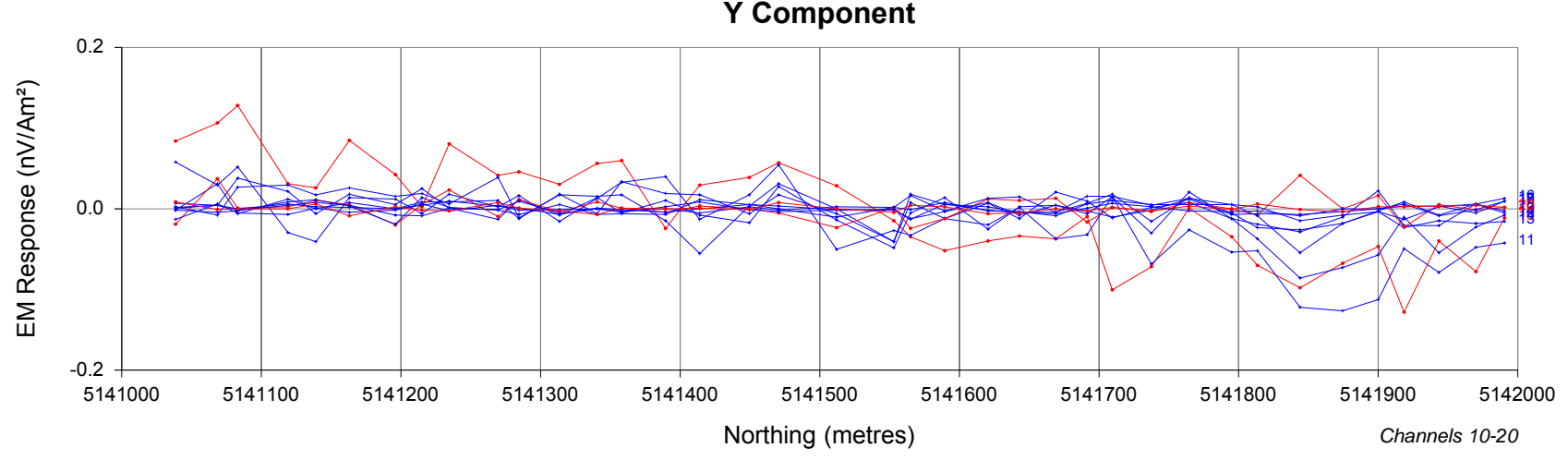
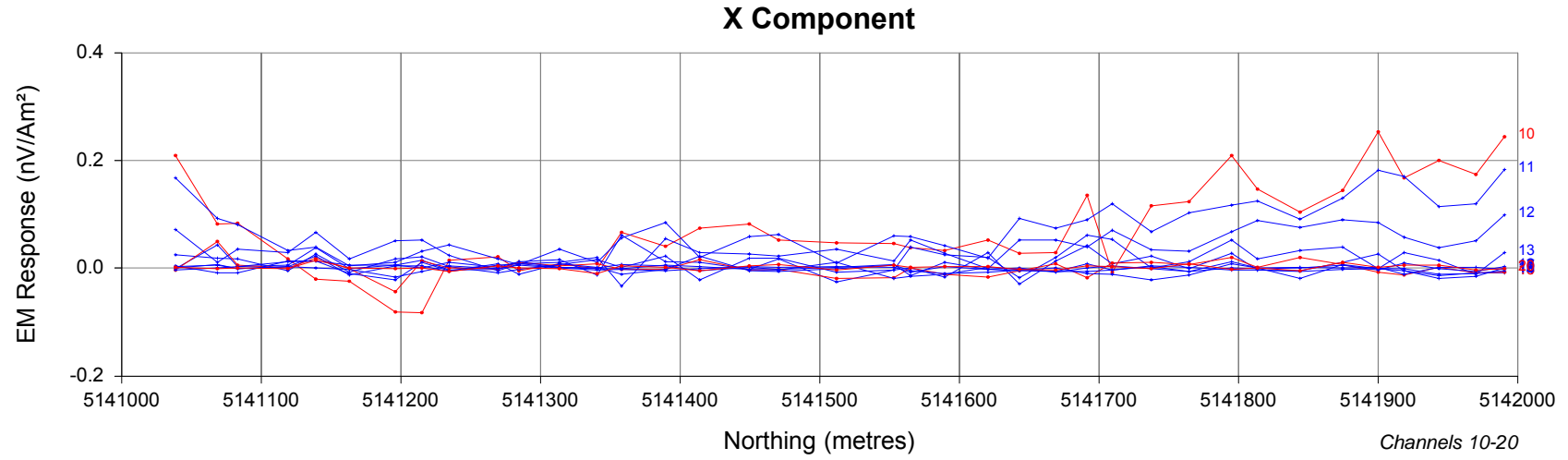
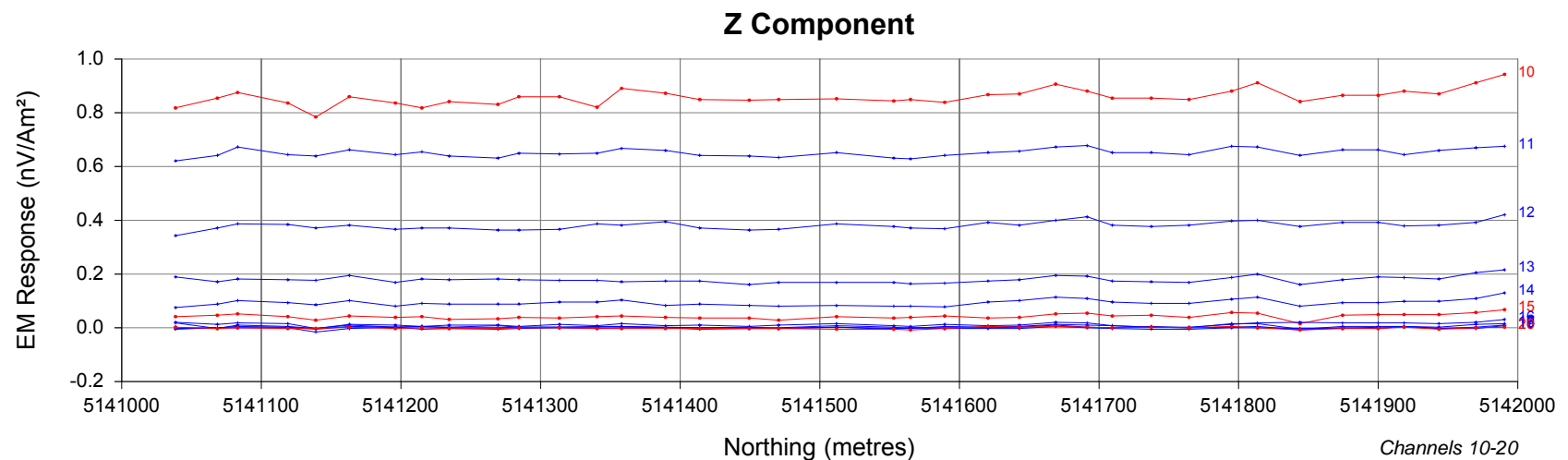
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 03
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 306E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6792	11	: 1.449
2	: 0.7042	12	: 1.660
3	: 0.7337	13	: 1.920
4	: 0.7707	14	: 2.244
5	: 0.8172	15	: 2.646
6	: 0.8747	16	: 3.144
7	: 0.9457	17	: 3.764
8	: 1.034	18	: 4.533
9	: 1.144	19	: 5.487
10	: 1.280	20	: 6.672

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

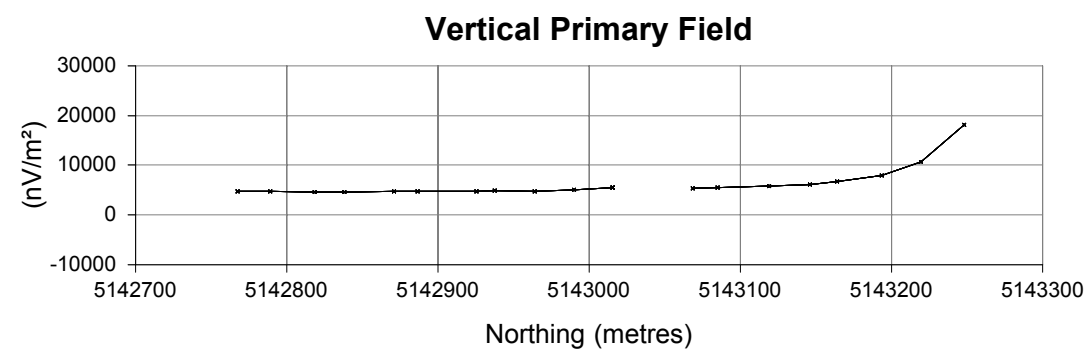
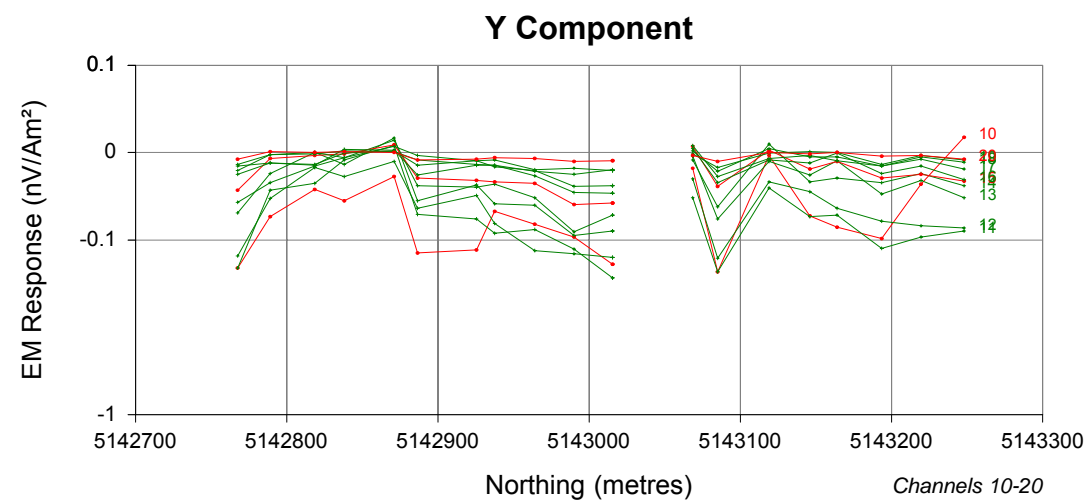
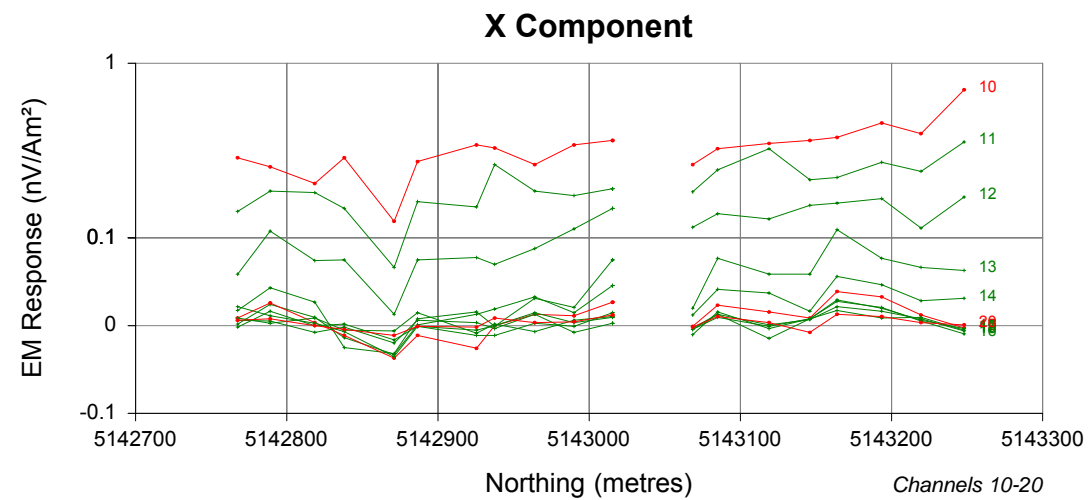
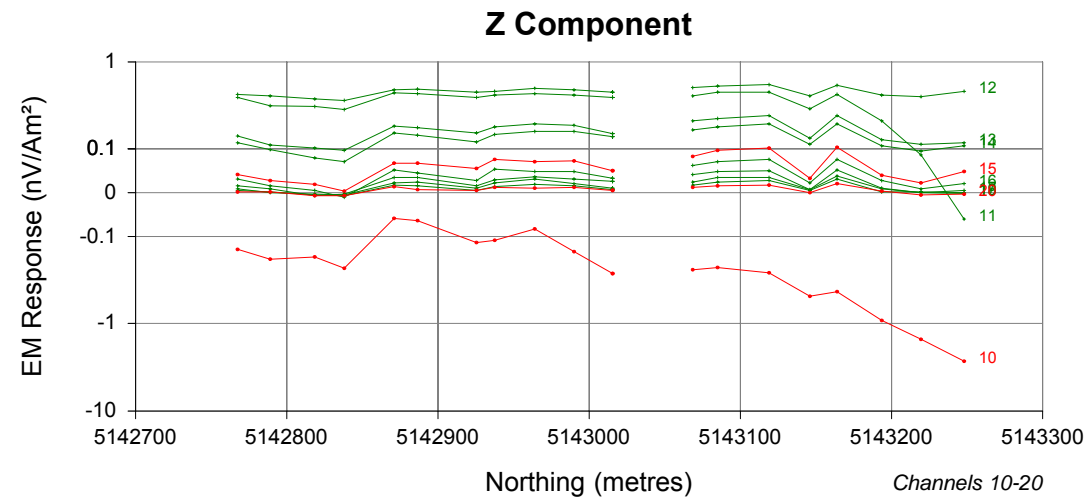
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 03
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 572 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Parisien Lake Grid Ground TDEM Survey EM Response Profiles Line 307E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.7032	11	: 1.473
2	: 0.7282	12	: 1.684
3	: 0.7577	13	: 1.944
4	: 0.7947	14	: 2.268
5	: 0.8412	15	: 2.670
6	: 0.8987	16	: 3.168
7	: 0.9697	17	: 3.788
8	: 1.058	18	: 4.557
9	: 1.168	19	: 5.511
10	: 1.304	20	: 6.696

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 04
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 400 μ s

Abitibi Geophysics Inc.

Mustang Minerals Corp.
East Bull Lake Project - Lodge North Grid
Ground TDEM Survey
EM Response Profiles
Line 401E
11N098

By : M. Dubois

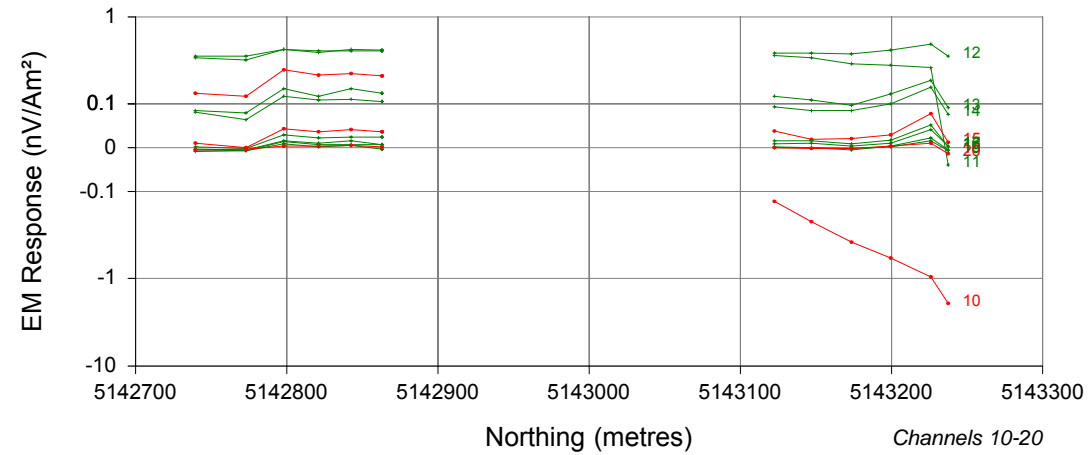
Date : Nov. 2011

Verif. : C. Brown

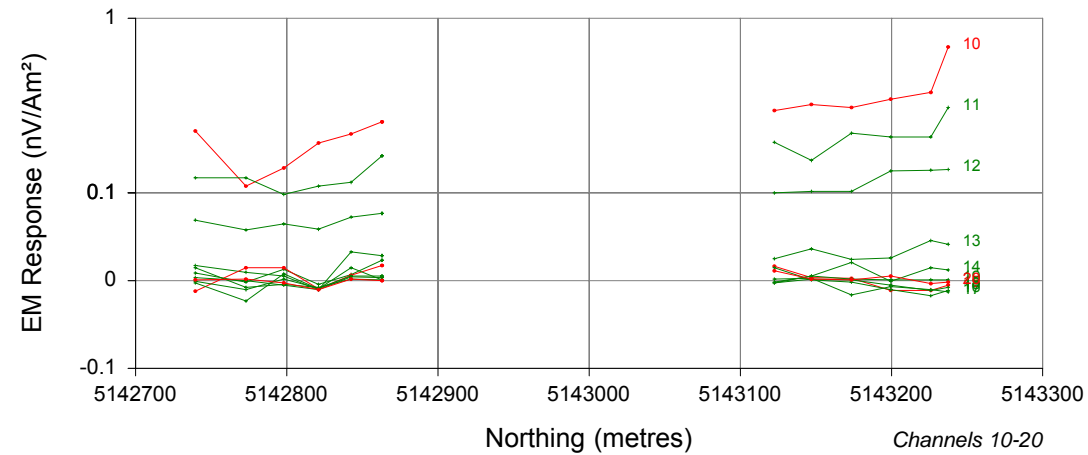
Scale 1:5000



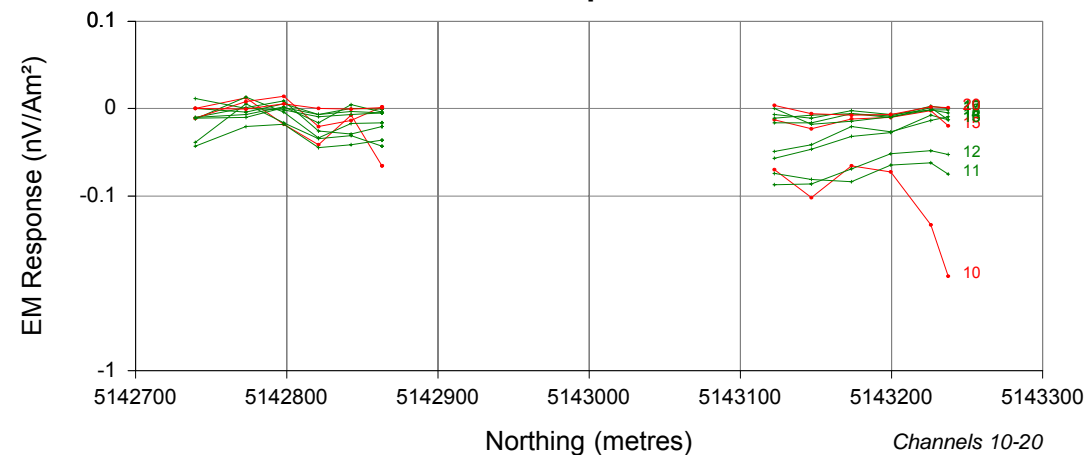
Z Component



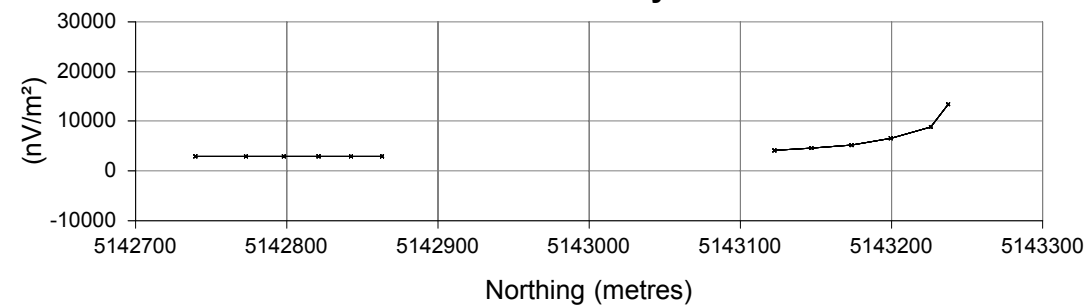
X Component



Y Component



Vertical Primary Field



WINDOW TIMES (ms): Centre From the start of the Ramp

1	: 0.7032	11	: 1.473
2	: 0.7282	12	: 1.684
3	: 0.7577	13	: 1.944
4	: 0.7947	14	: 2.268
5	: 0.8412	15	: 2.670
6	: 0.8987	16	: 3.168
7	: 0.9697	17	: 3.788
8	: 1.058	18	: 4.557
9	: 1.168	19	: 5.511
10	: 1.304	20	: 6.696

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 04
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 400 μ s

Abitibi Geophysics Inc.

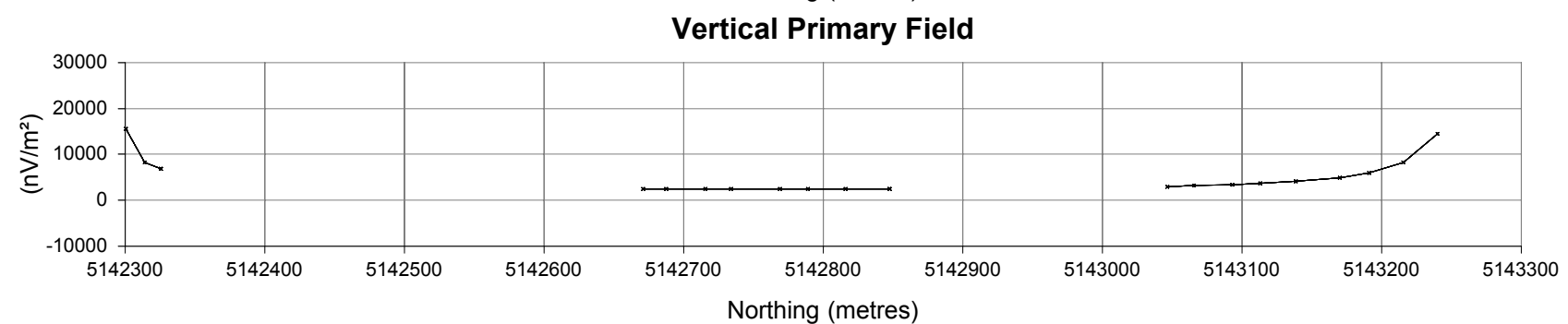
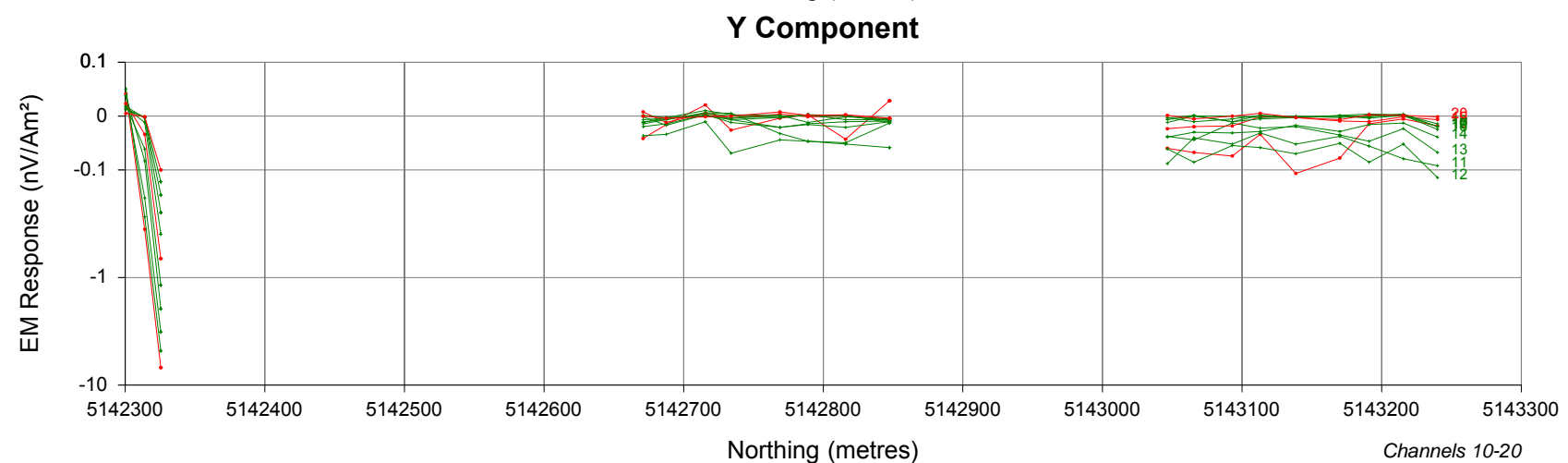
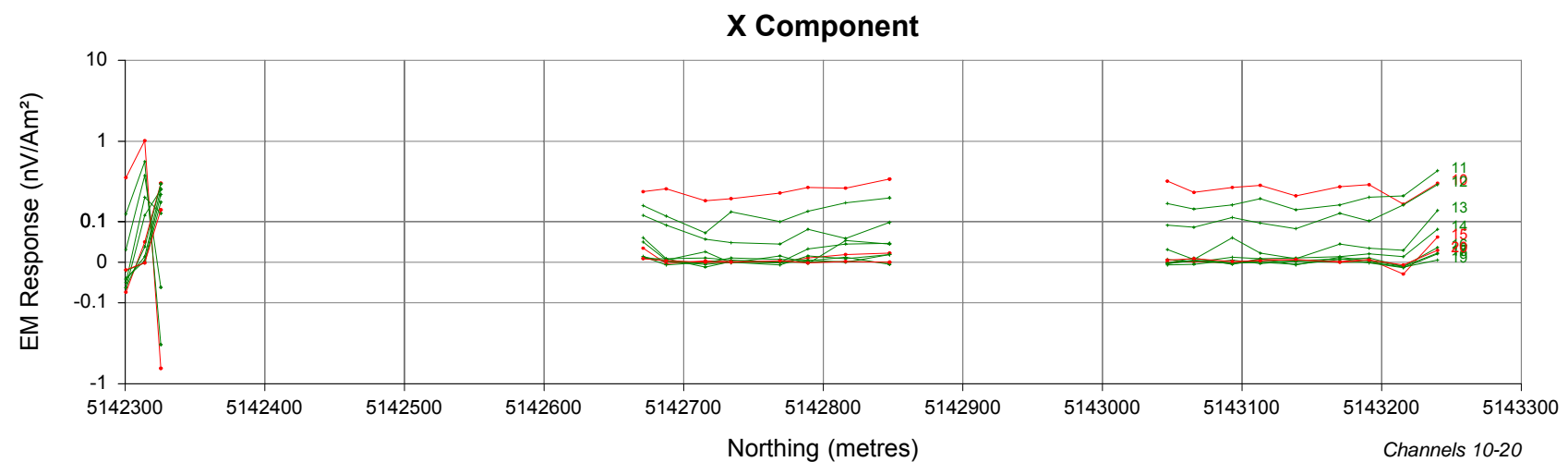
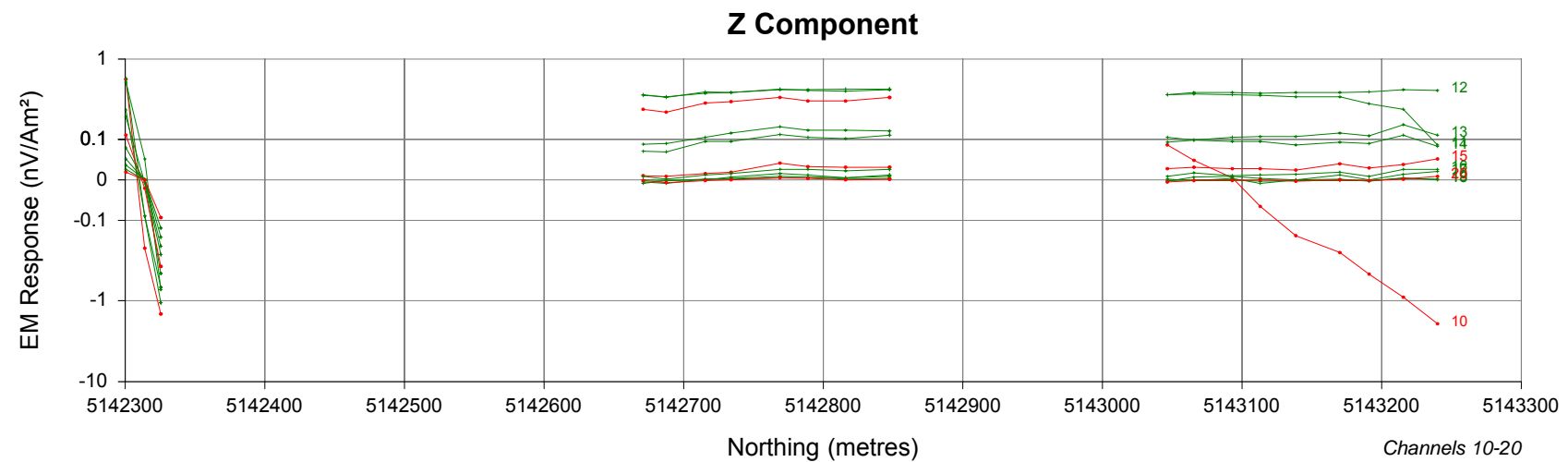
Mustang Minerals Corp.
East Bull Lake Project - Lodge North Grid
Ground TDEM Survey
EM Response Profiles
Line 402E
11N098

By : M. Dubois

Date : Nov. 2011

Verif. : C. Brown

Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.7032	11	: 1.473
2	: 0.7282	12	: 1.684
3	: 0.7577	13	: 1.944
4	: 0.7947	14	: 2.268
5	: 0.8412	15	: 2.670
6	: 0.8987	16	: 3.168
7	: 0.9697	17	: 3.788
8	: 1.058	18	: 4.557
9	: 1.168	19	: 5.511
10	: 1.304	20	: 6.696

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

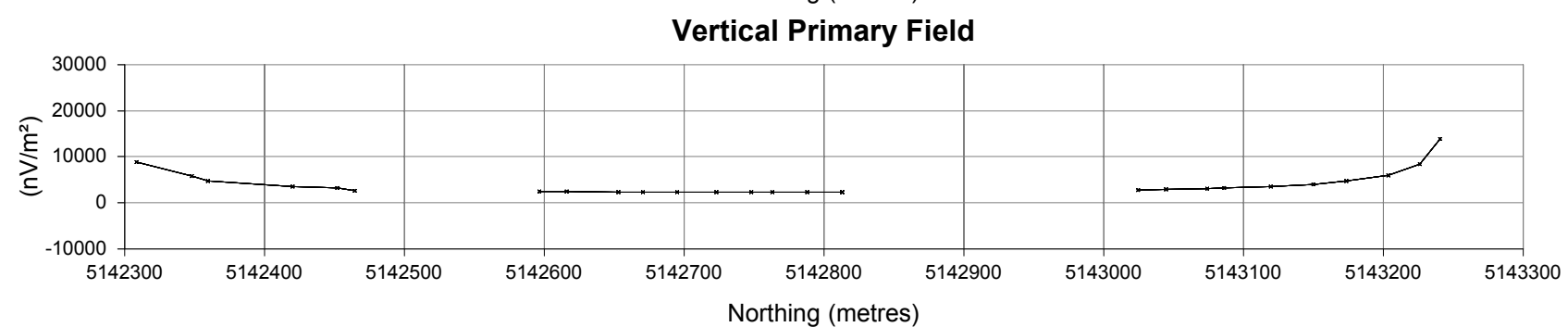
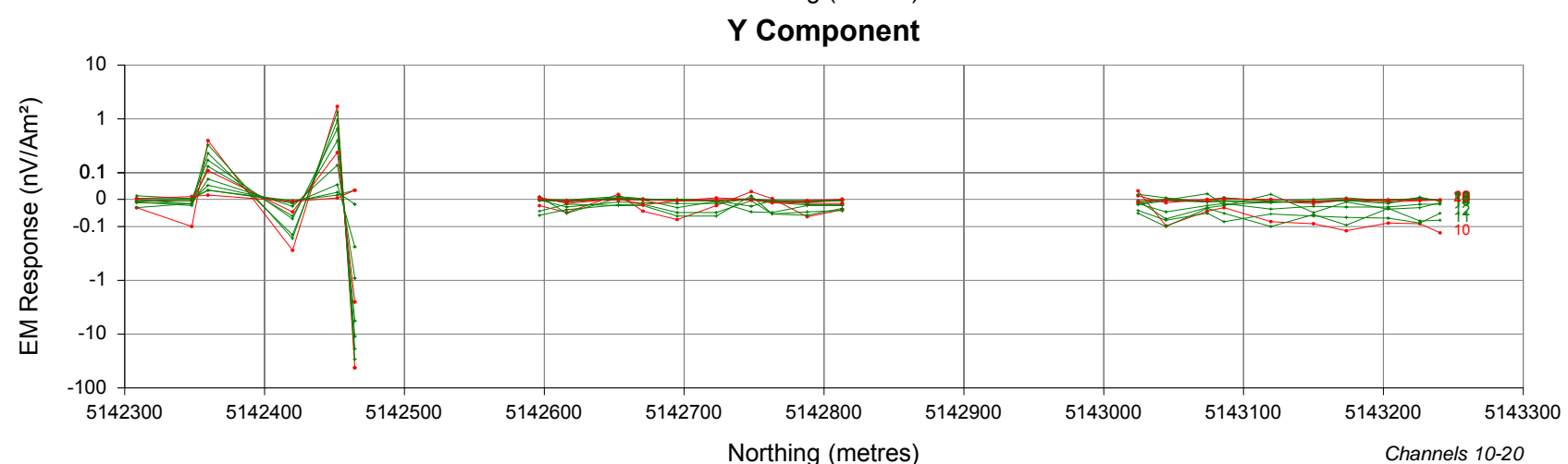
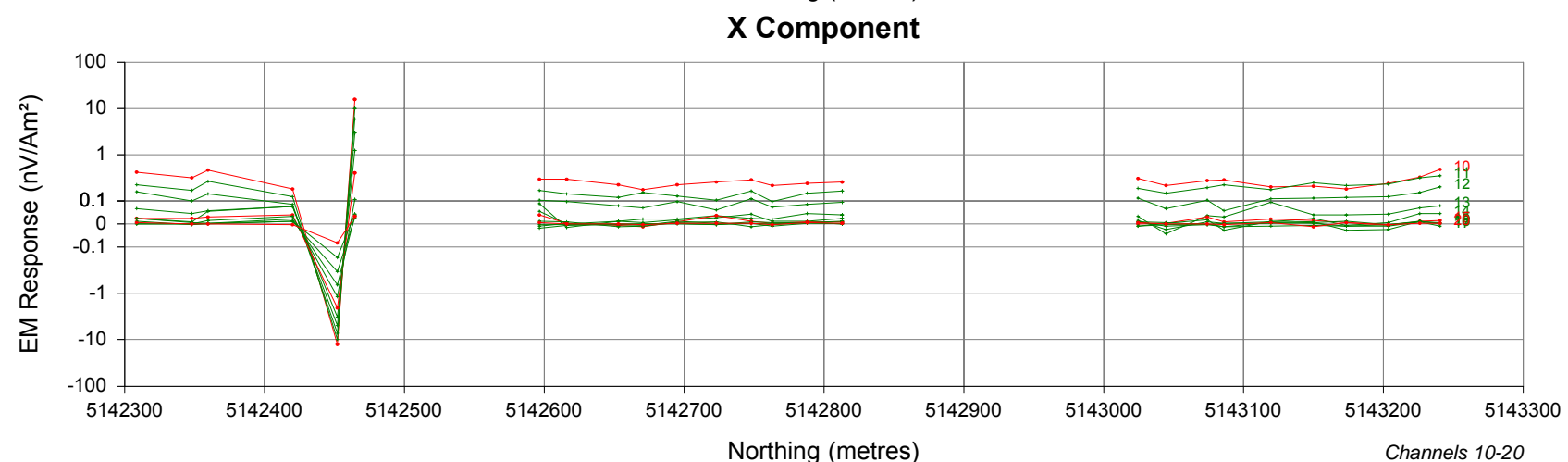
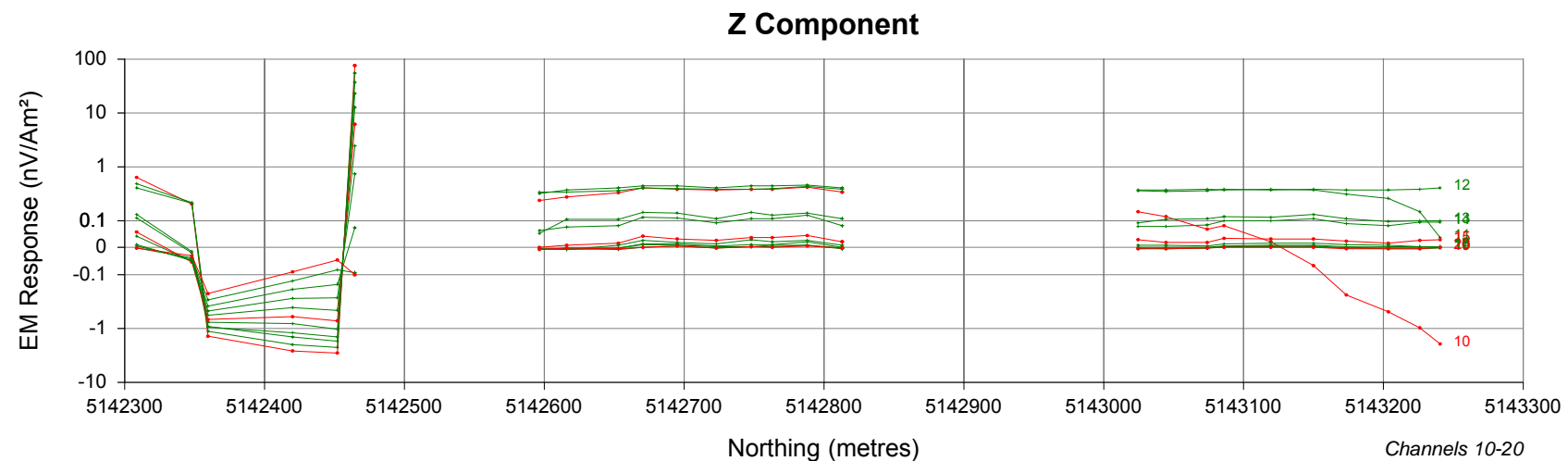
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 04
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 400 μ s

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Lodge North Grid Ground TDEM Survey EM Response Profiles Line 403E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.7032	11	: 1.473
2	: 0.7282	12	: 1.684
3	: 0.7577	13	: 1.944
4	: 0.7947	14	: 2.268
5	: 0.8412	15	: 2.670
6	: 0.8987	16	: 3.168
7	: 0.9697	17	: 3.788
8	: 1.058	18	: 4.557
9	: 1.168	19	: 5.511
10	: 1.304	20	: 6.696

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

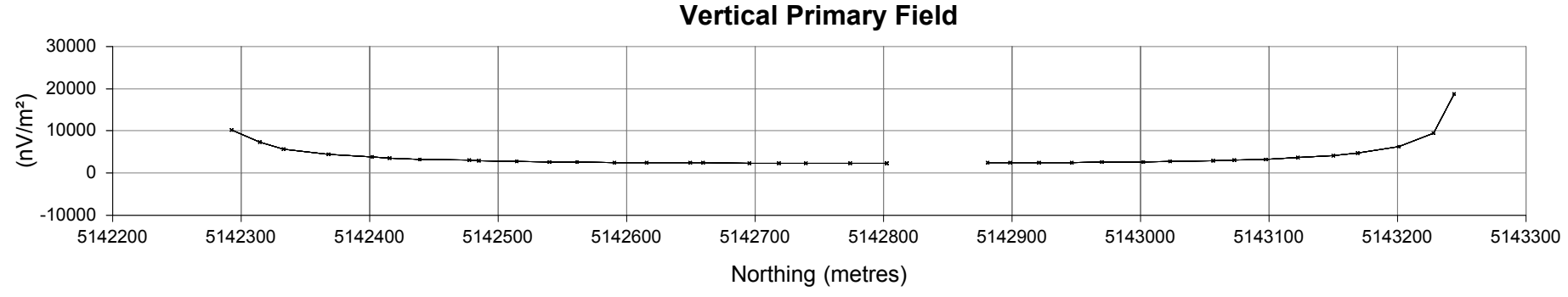
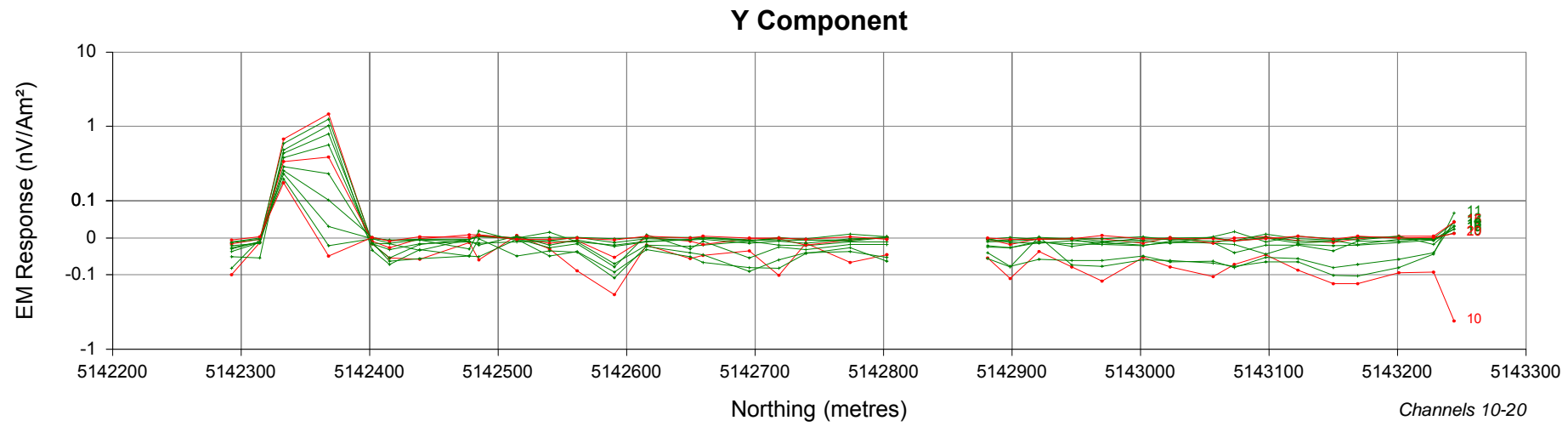
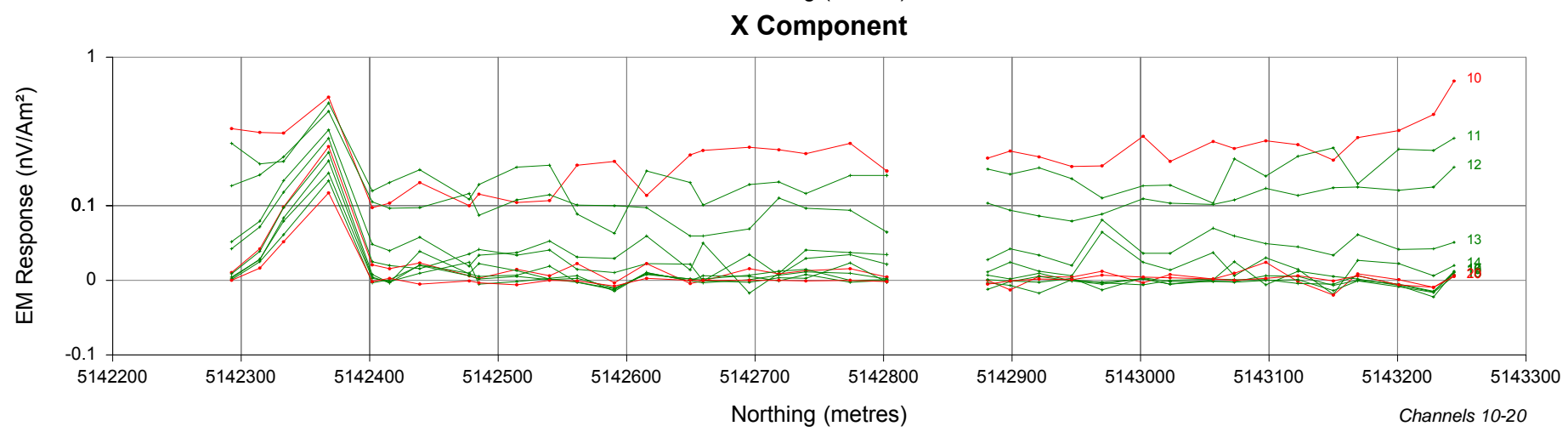
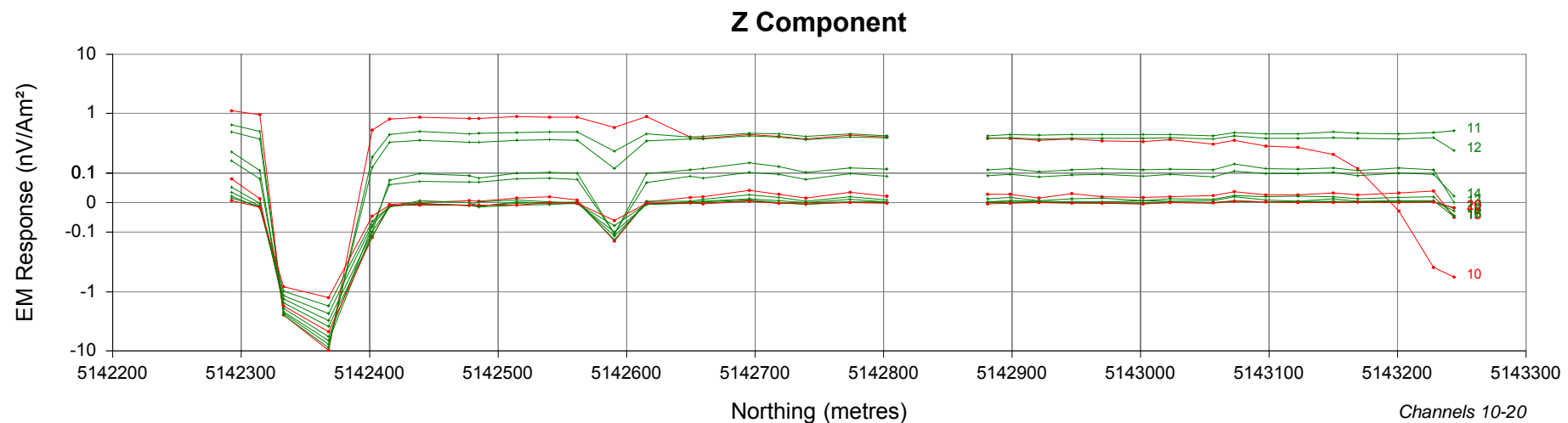
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

TerraScope : PRO5U
Loop : Loop 04
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 400 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Lodge North Grid Ground TDEM Survey EM Response Profiles Line 404E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



WINDOW TIMES (ms): Centre From the start of the Ramp

1 : 0.7032	11 : 1.473
2 : 0.7282	12 : 1.684
3 : 0.7577	13 : 1.944
4 : 0.7947	14 : 2.268
5 : 0.8412	15 : 2.670
6 : 0.8987	16 : 3.168
7 : 0.9697	17 : 3.788
8 : 1.058	18 : 4.557
9 : 1.168	19 : 5.511
10 : 1.304	20 : 6.696

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 25 m

RECEIVER

EMIT	: SMARTem 24
Frequency	: 30 Hz
Components	: Z, X & Y
Surface Sensor	: 3D-3 (Geonics)
Rx Area	: 200 m ²

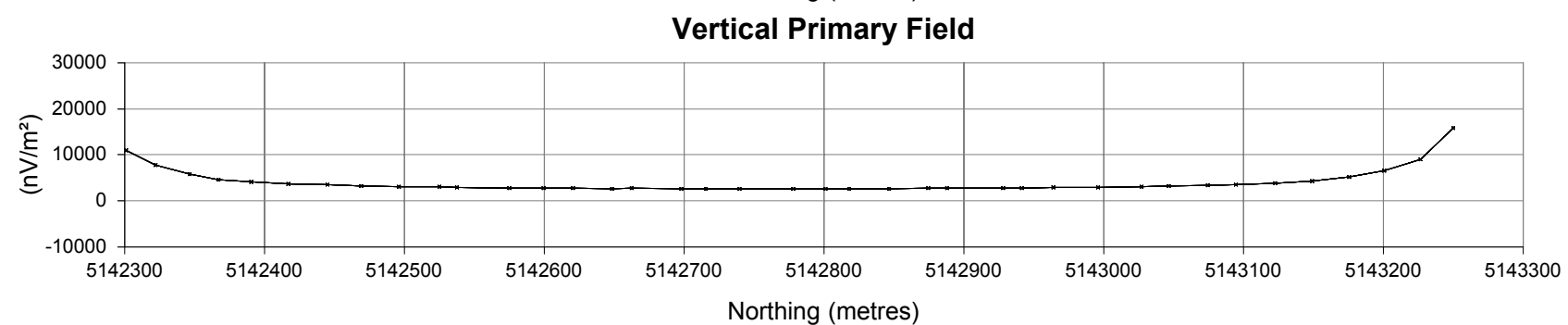
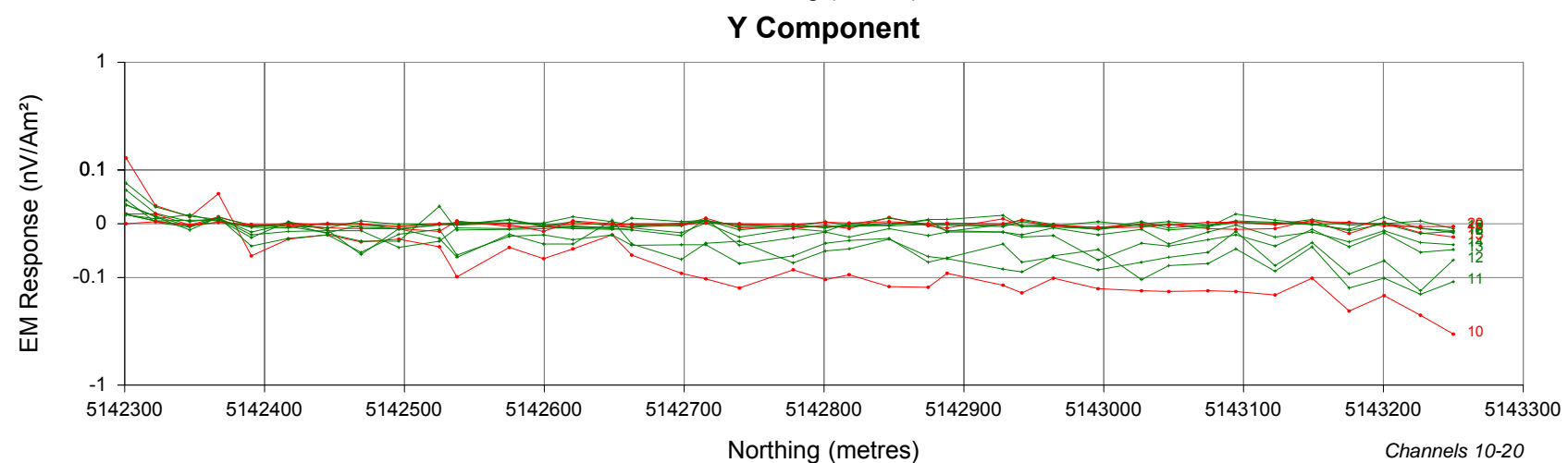
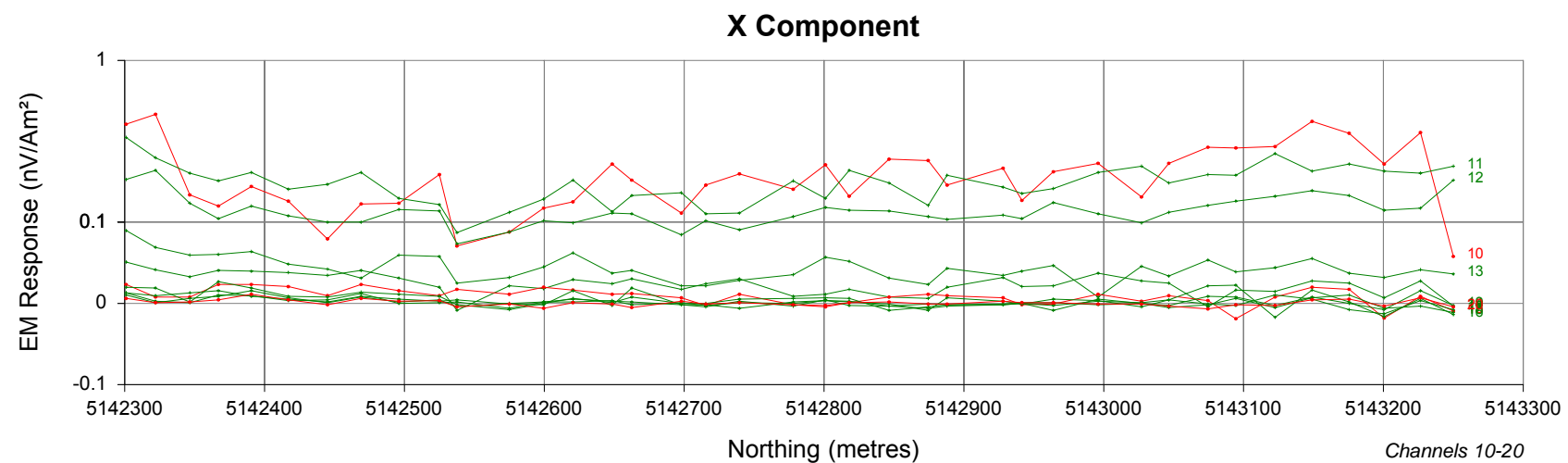
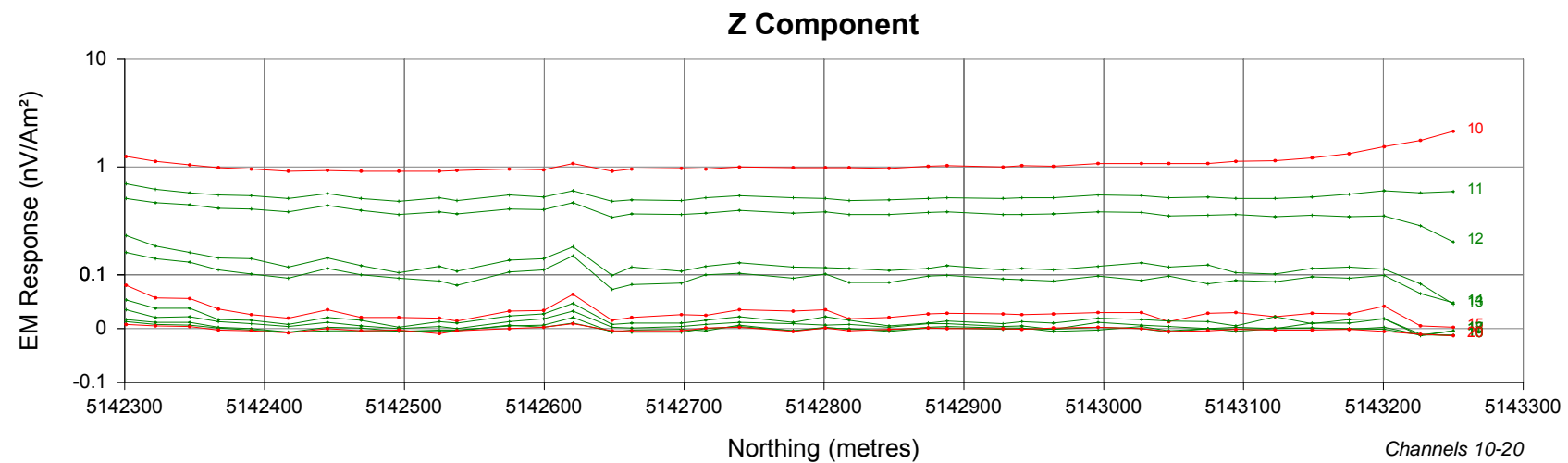
TRANSMITTER

TerraScope	: PRO5U
Loop	: Loop 04
Tx Turn	: 1
Tx Current	: 20 A
Off Time	: 8.33 ms
Turn Off	: 400 µs

Abitibi Geophysics Inc.

Mustang Minerals Corp.
East Bull Lake Project - Lodge North Grid
Ground TDEM Survey
EM Response Profiles
Line 405E
11N098

By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1 : 0.6872	11 : 1.457
2 : 0.7122	12 : 1.668
3 : 0.7417	13 : 1.928
4 : 0.7787	14 : 2.252
5 : 0.8252	15 : 2.654
6 : 0.8827	16 : 3.152
7 : 0.9537	17 : 3.772
8 : 1.042	18 : 4.541
9 : 1.152	19 : 5.495
10 : 1.288	20 : 6.680

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 25 m

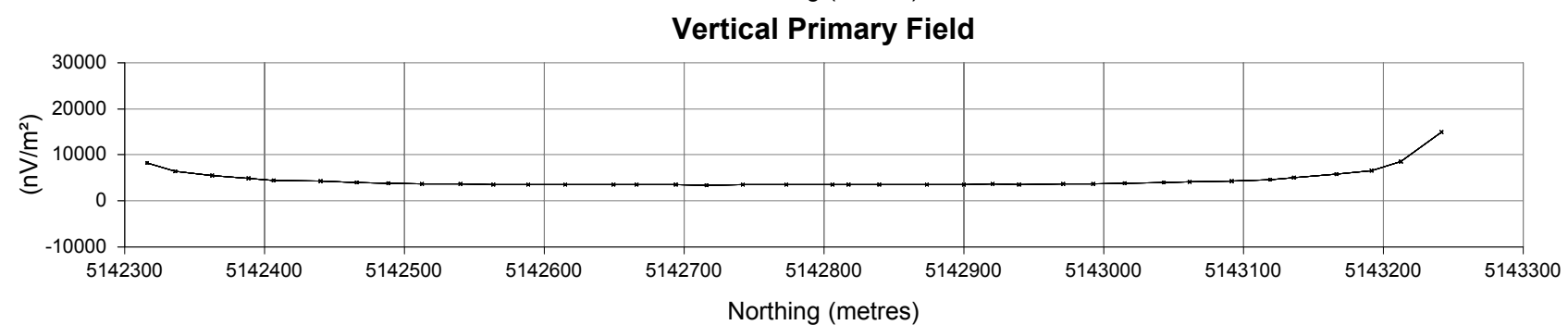
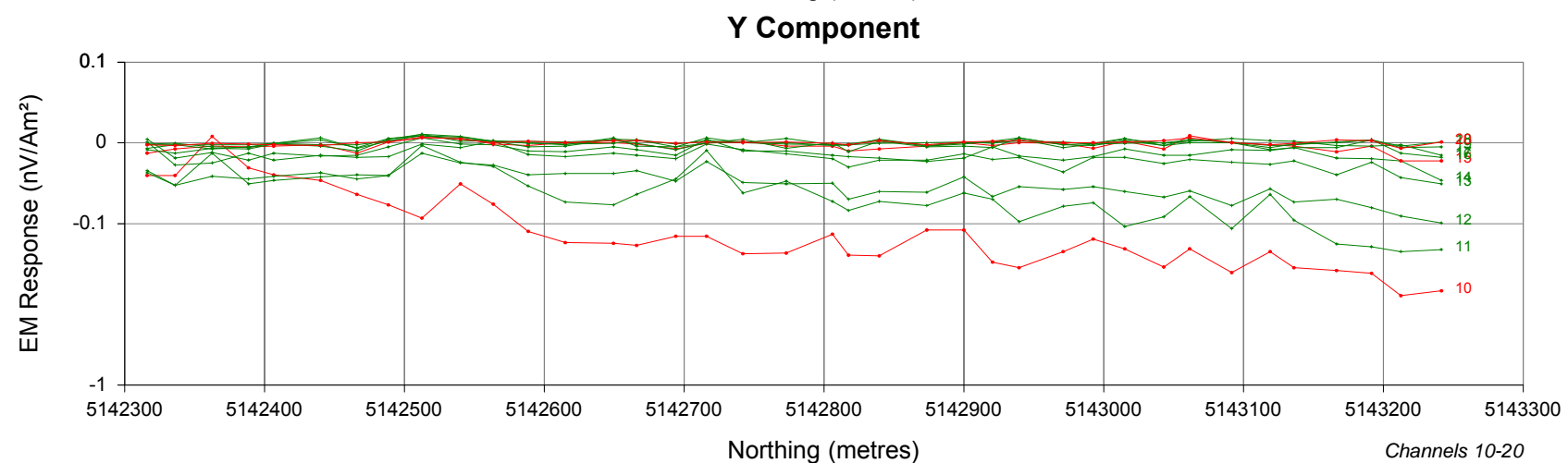
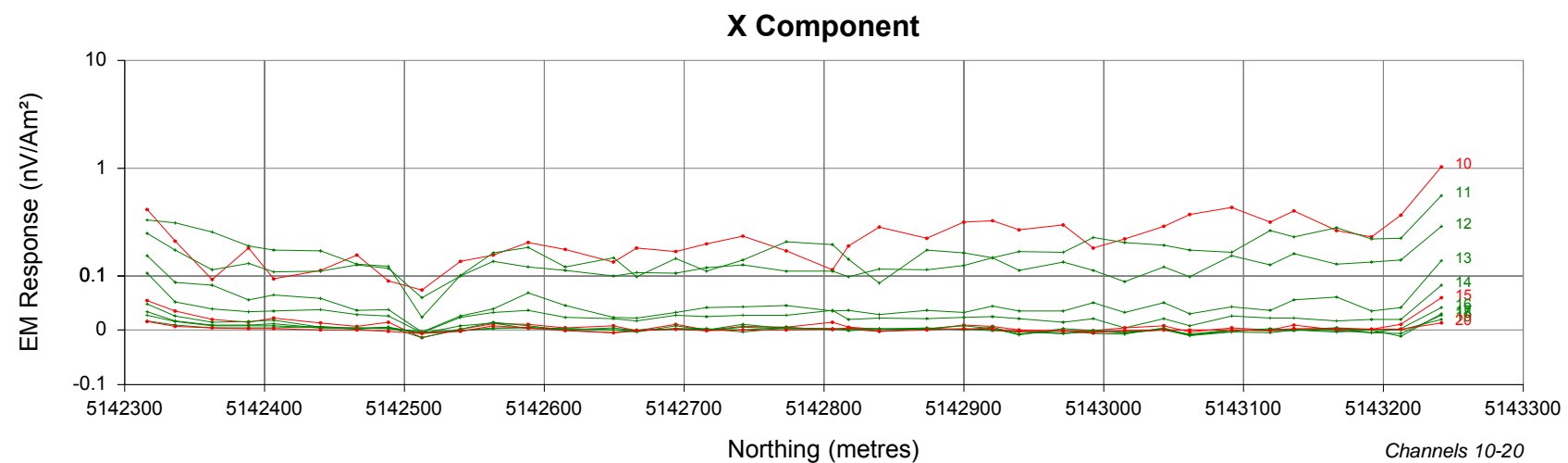
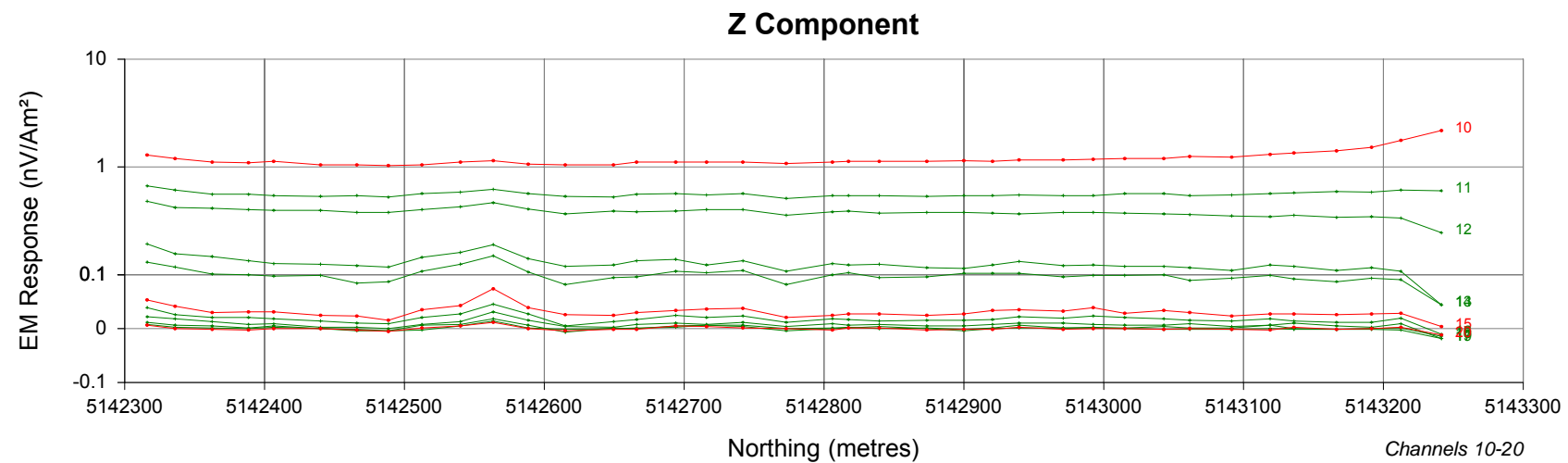
RECEIVER

EMIT	: SMARTem 24
Frequency	: 30 Hz
Components	: Z, X & Y
Surface Sensor	: 3D-3 (Geonics)
Rx Area	: 200 m ²

TRANSMITTER

TerraScope	: PRO5U
Loop	: Loop 04
Tx Turn	: 1
Tx Current	: 20 A
Off Time	: 8.33 ms
Turn Off	: 400 µs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Lodge North Grid Ground TDEM Survey EM Response Profiles Line 406E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1	: 0.6872	11	: 1.457
2	: 0.7122	12	: 1.668
3	: 0.7417	13	: 1.928
4	: 0.7787	14	: 2.252
5	: 0.8252	15	: 2.654
6	: 0.8827	16	: 3.152
7	: 0.9537	17	: 3.772
8	: 1.042	18	: 4.541
9	: 1.152	19	: 5.495
10	: 1.288	20	: 6.680

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

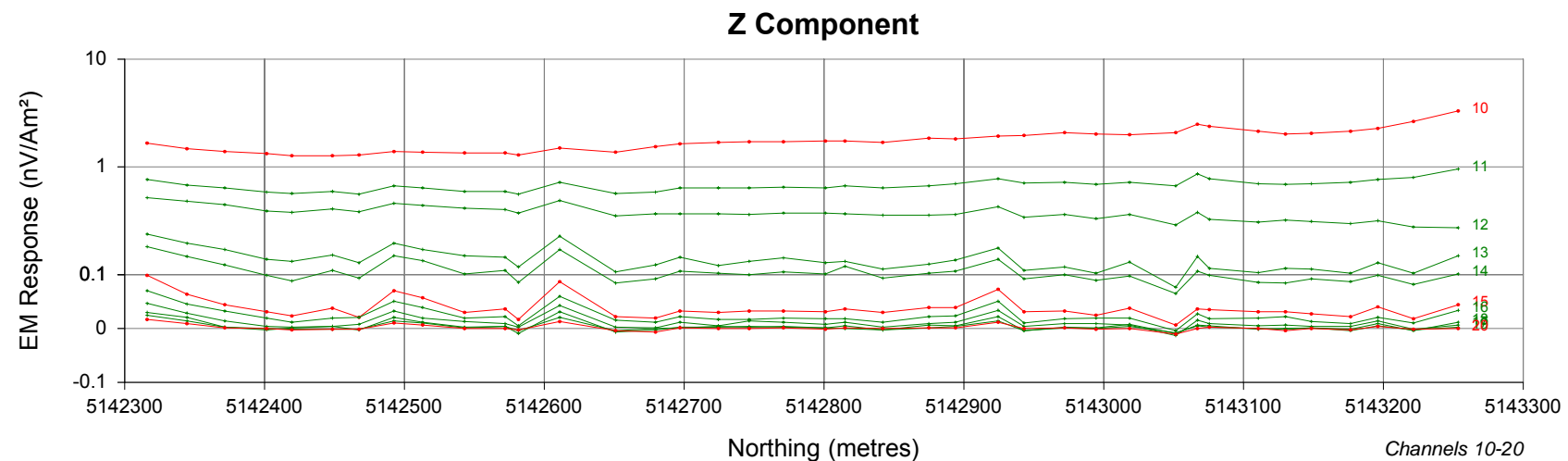
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

TRANSMITTER

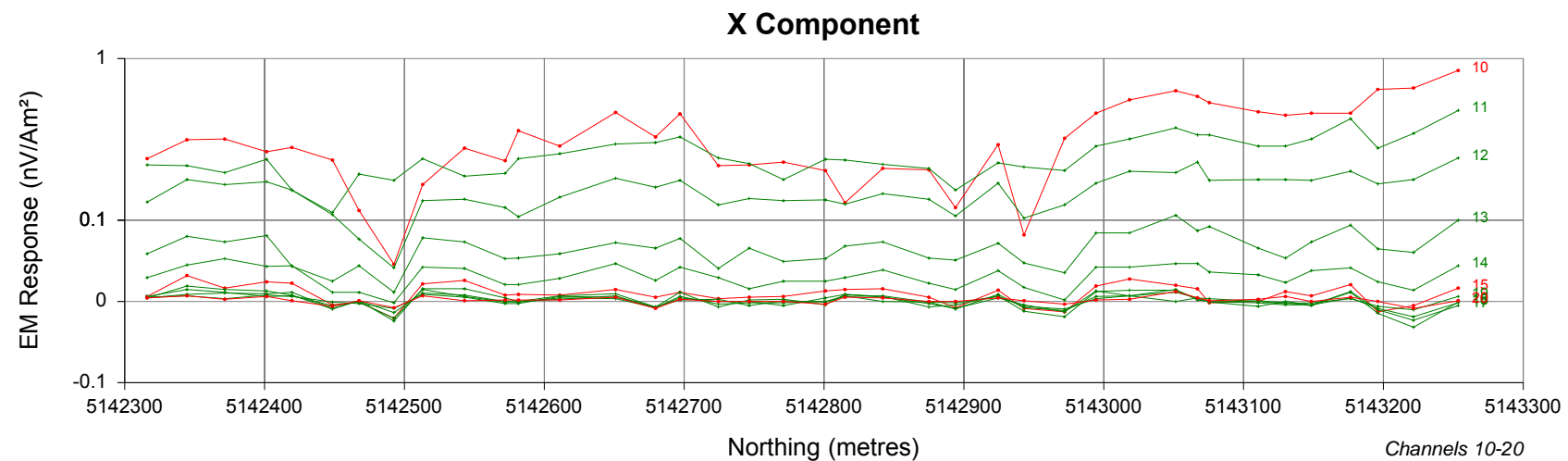
TerraScope : PRO5U
Loop : Loop 04
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 400 μs

Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Lodge North Grid Ground TDEM Survey EM Response Profiles Line 407E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



**WINDOW TIMES (ms): Centre
From the start of the Ramp**

1 : 0.6872	11 : 1.457
2 : 0.7122	12 : 1.668
3 : 0.7417	13 : 1.928
4 : 0.7787	14 : 2.252
5 : 0.8252	15 : 2.654
6 : 0.8827	16 : 3.152
7 : 0.9537	17 : 3.772
8 : 1.042	18 : 4.541
9 : 1.152	19 : 5.495
10 : 1.288	20 : 6.680

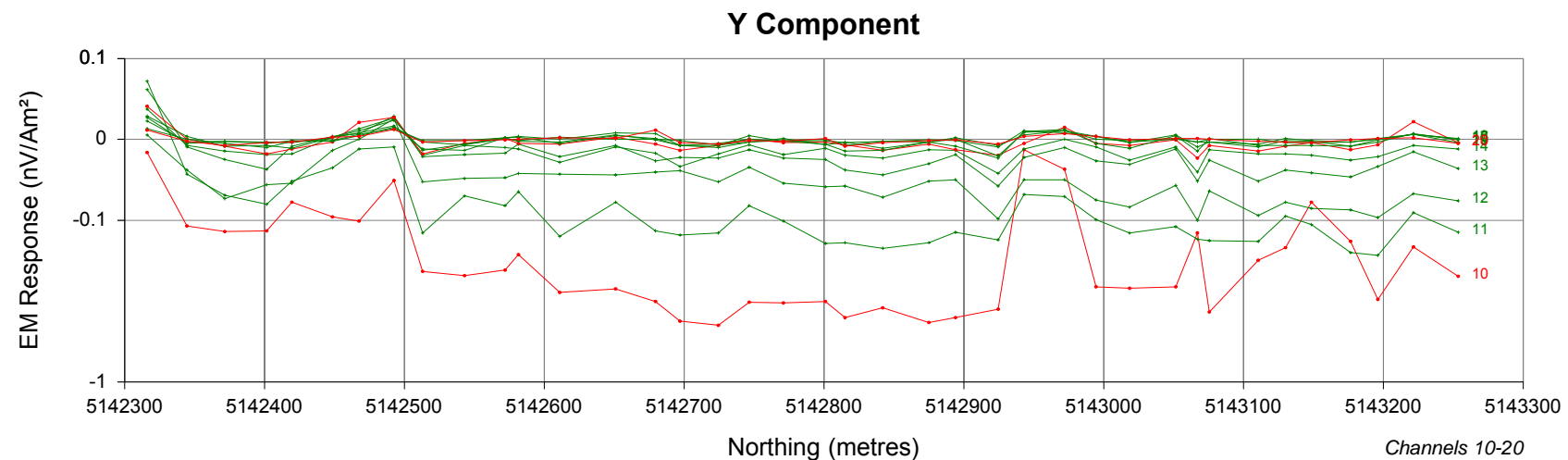


SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25 m

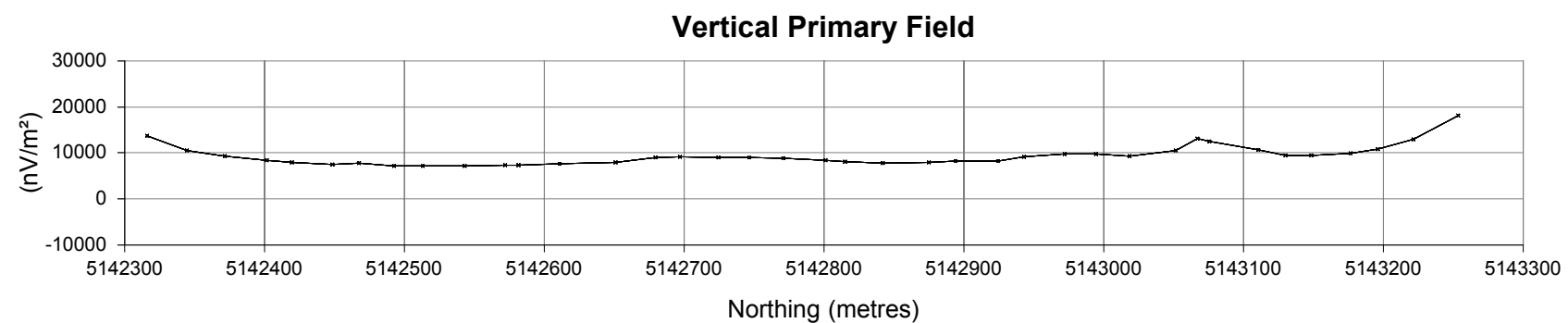
RECEIVER

EMIT : SMARTem 24
Frequency : 30 Hz
Components : Z, X & Y
Surface Sensor : 3D-3 (Geonics)
Rx Area : 200 m²

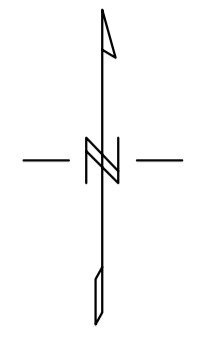
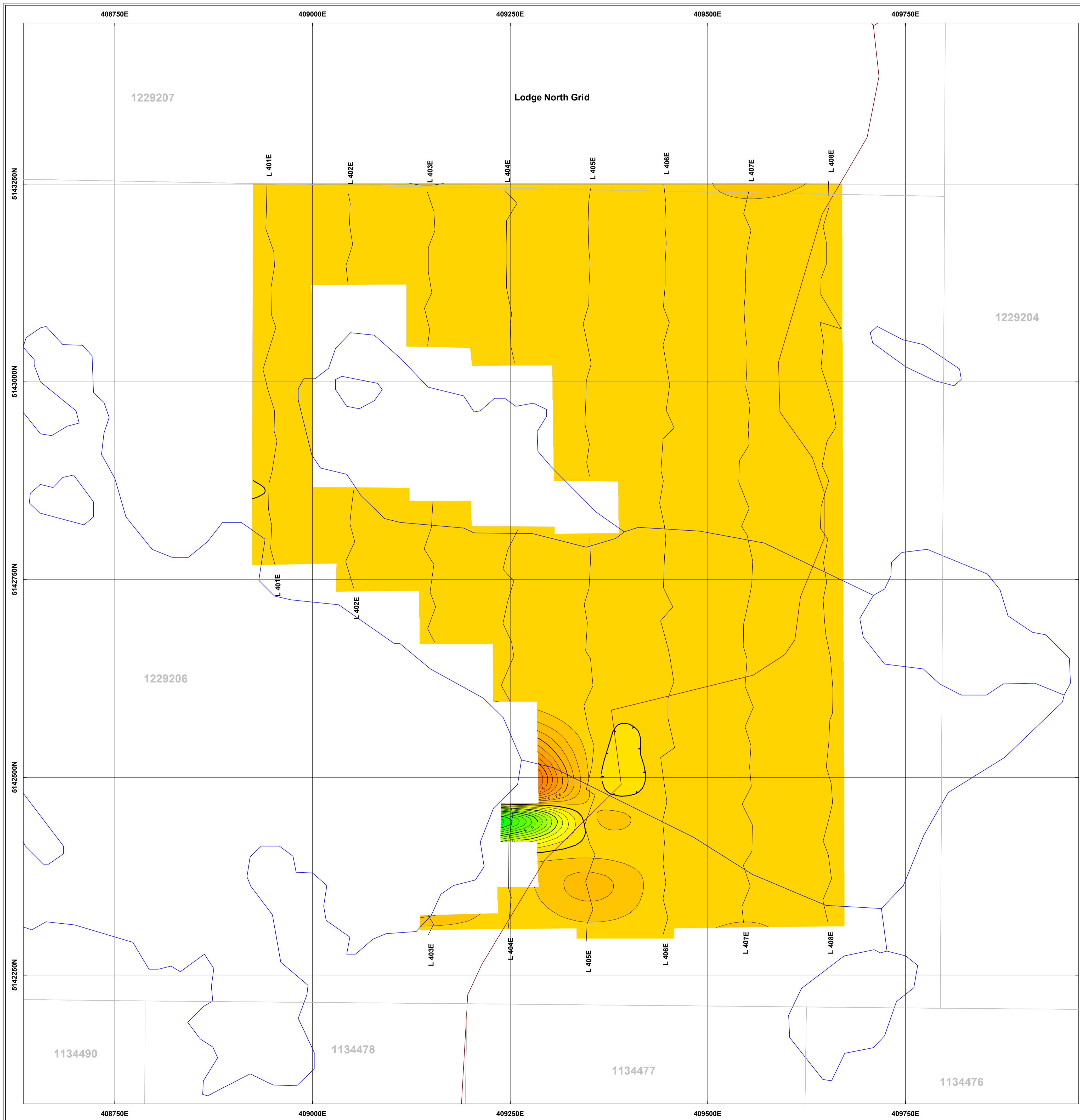


TRANSMITTER

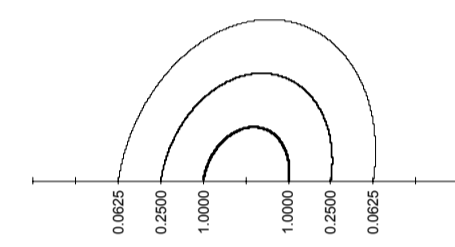
TerraScope : PRO5U
Loop : Loop 04
Tx Turn : 1
Tx Current : 20 A
Off Time : 8.33 ms
Turn Off : 400 µs



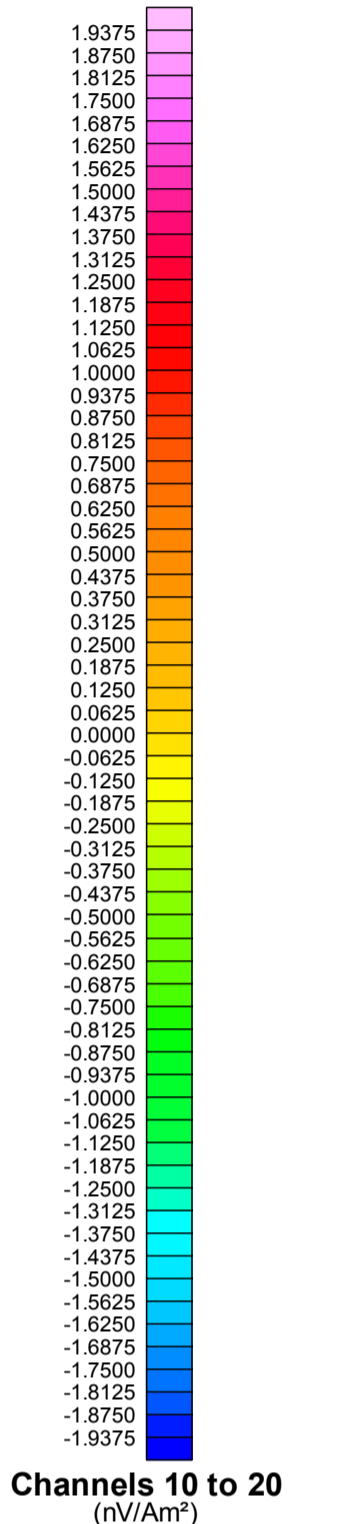
Abitibi Geophysics Inc.	
Mustang Minerals Corp. East Bull Lake Project - Lodge North Grid Ground TDEM Survey EM Response Profiles Line 408E 11N098	
By : M. Dubois	Date : Nov. 2011
Verif. : C. Brown	Scale 1:5000



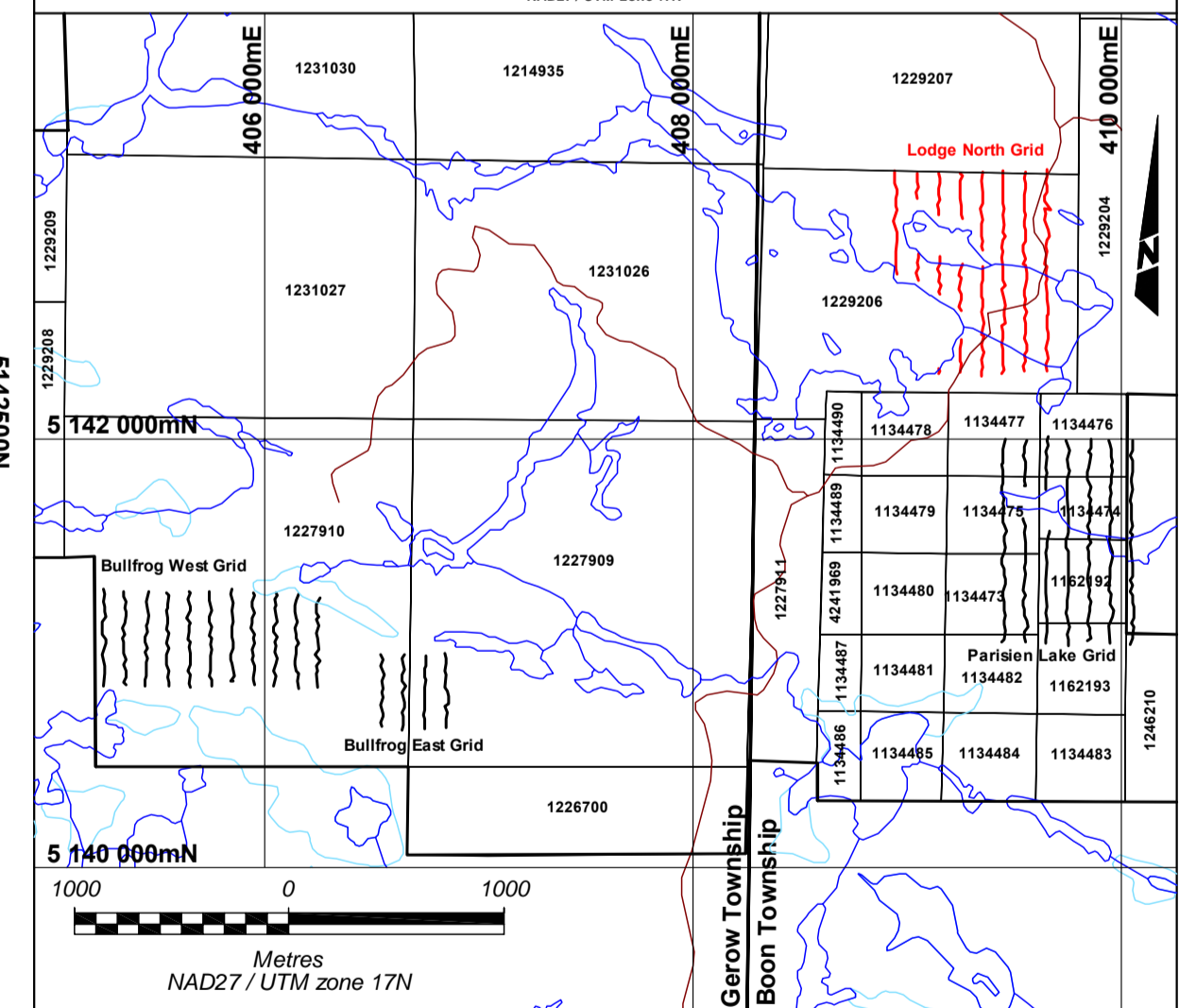
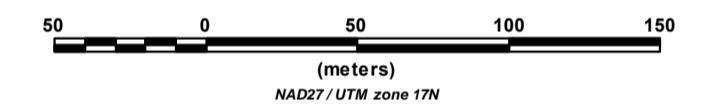
X Component Contours



Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz



Scale 1:2500



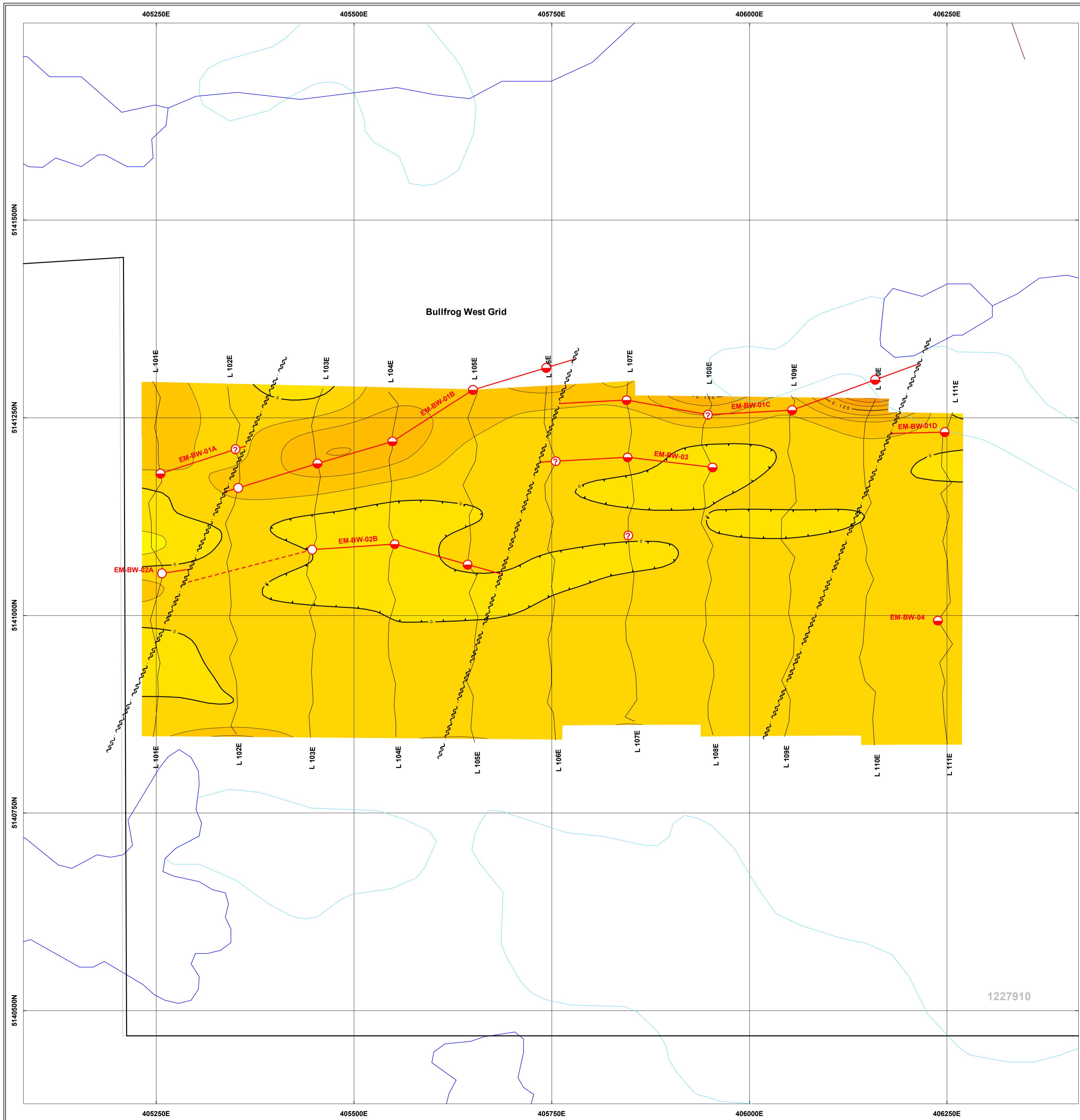
Mustang Minerals Corp.
East Bull Lake Project - Lodge North Grid
Boon Township, Ontario

Ground TDEM Survey
X Component Contours
Channels 10 to 20 (nV/Am²)

Interpreted by: M. Dubois, P.Geo. 2011/12
 Surveyed by: Abitibi Geophysics Inc. 2011/11
 Approved by: C. Brown, G.I.T. 2011/12
 Reference map: 41J/08
 Project no: 11N098

Scale 1:2500
 Map no: 6.5_In





Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz

Channels 10 to 20
(nV/Am²)

Scale 1:2500

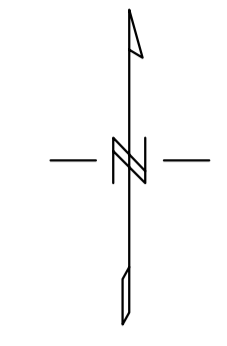
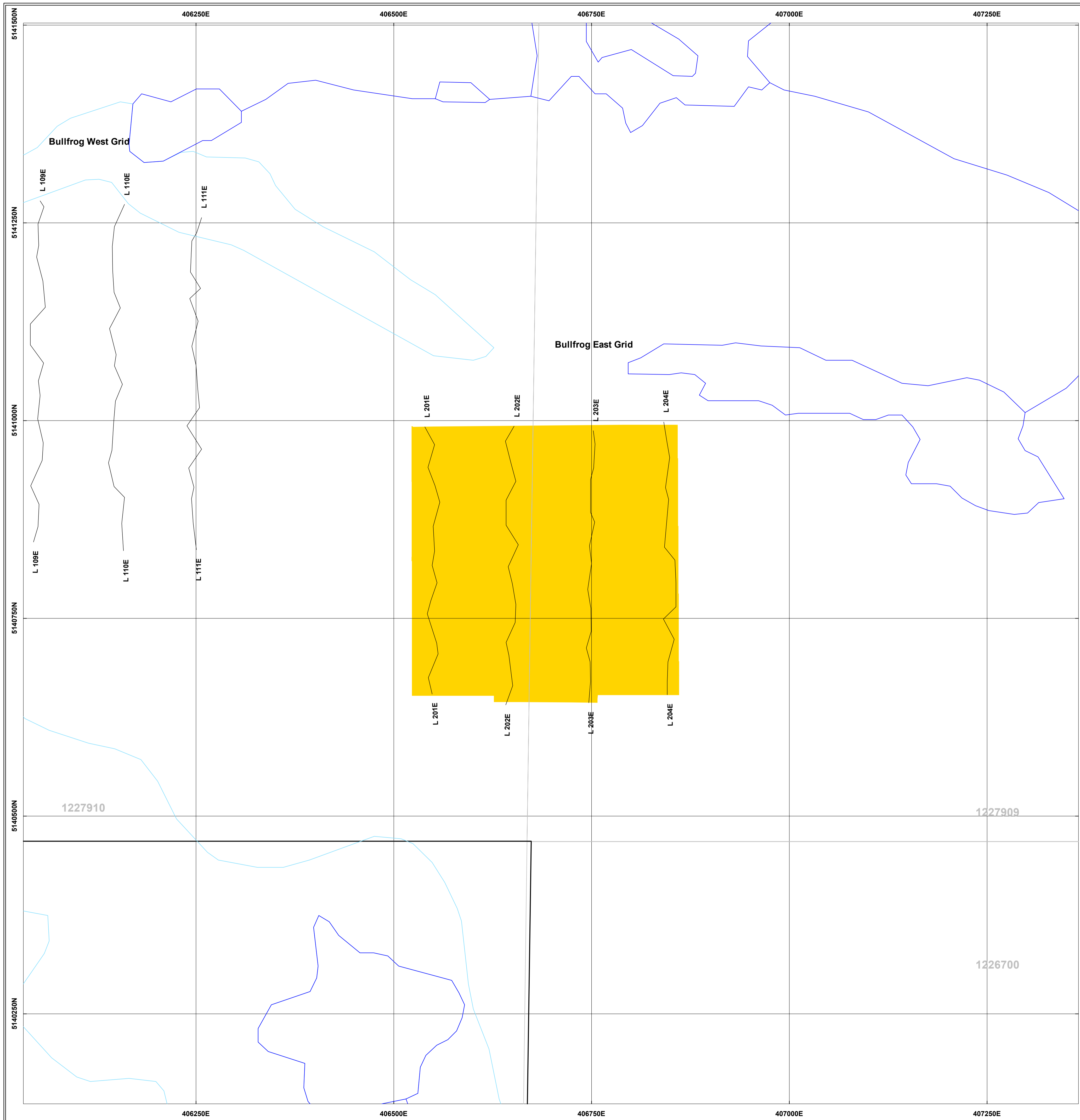
(meters)
NAD27 / UTM zone 17N

Metres
NAD27 / UTM zone 17N

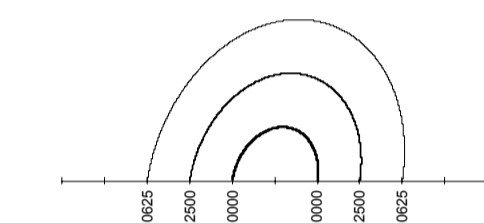
Mustang Minerals Corp.
East Bull Lake Project - Bullfrog West Grid
Gerow Township, Ontario

Ground TDEM Survey
X Component Contours
Channels 10 to 20 (nV/Am²)

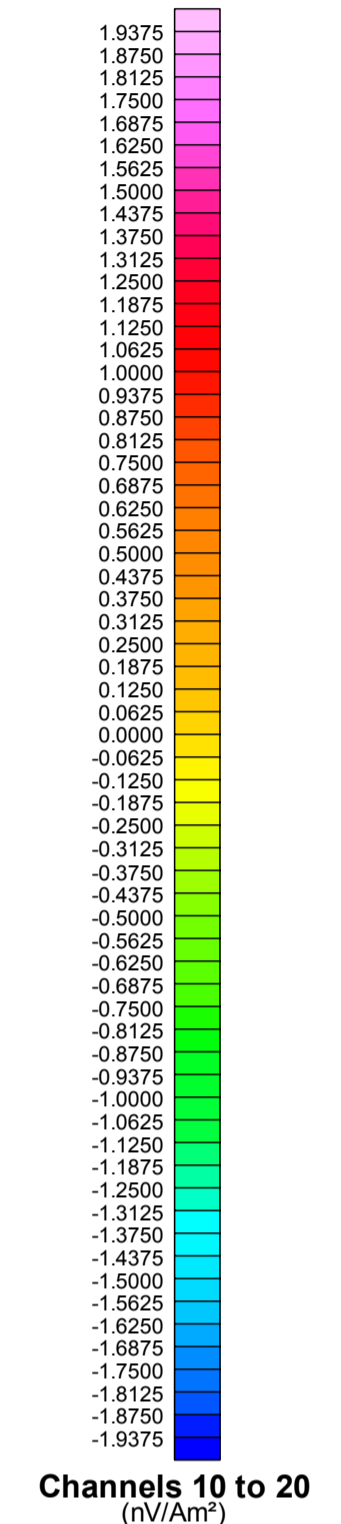
Interpreted by: M. Dubois, P.Geo.	2011/12
Surveyed by: Abitibi Geophysics Inc.	2011/11
Approved by: C. Brown, G.I.T.	2011/12
Reference map: 41J/08	Scale 1:2500
Project no: 11N098	Map no: 6.5_bw



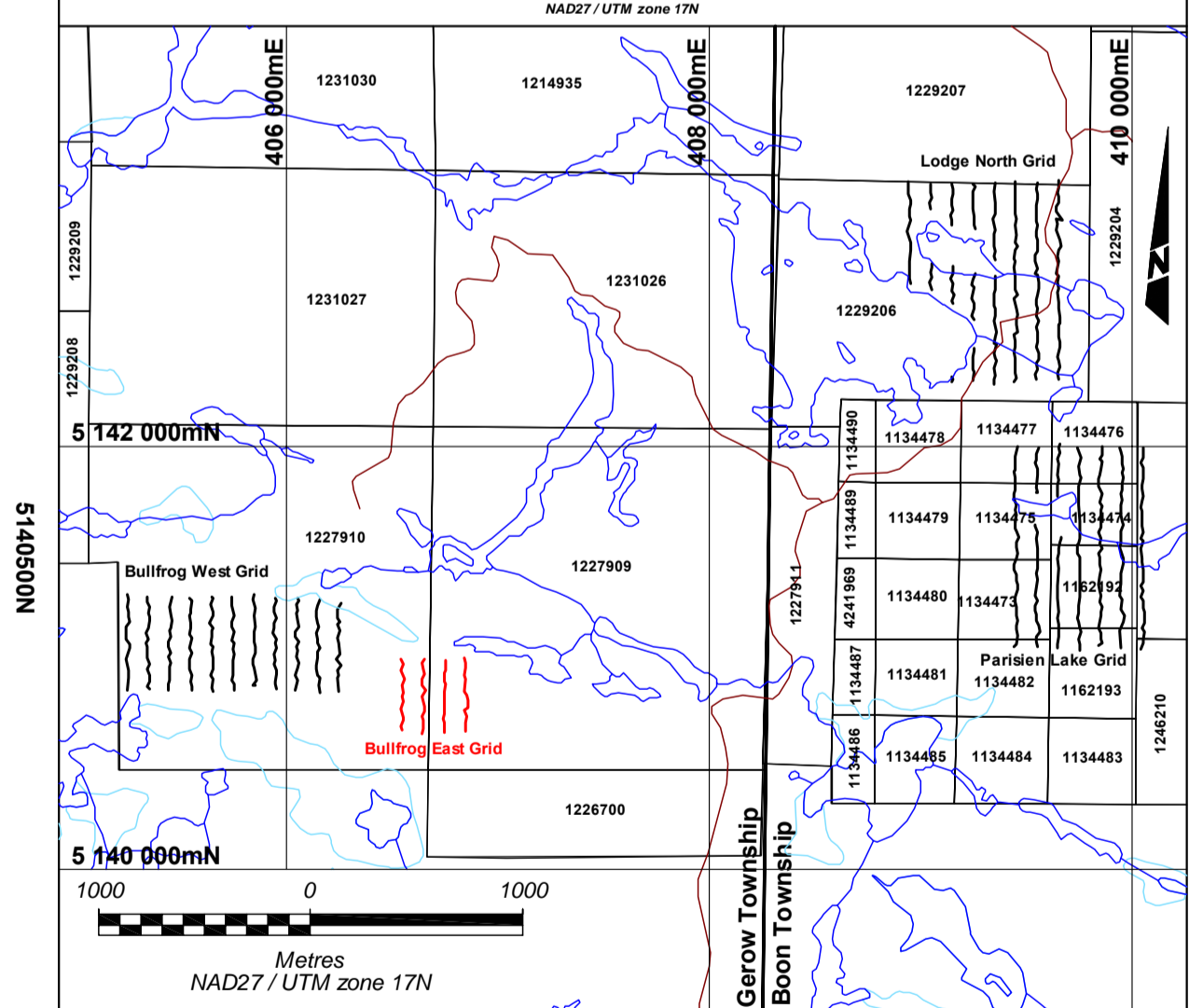
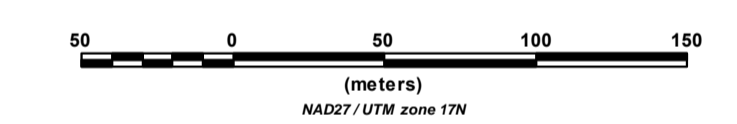
X Component Contours



Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz



Scale 1:2500

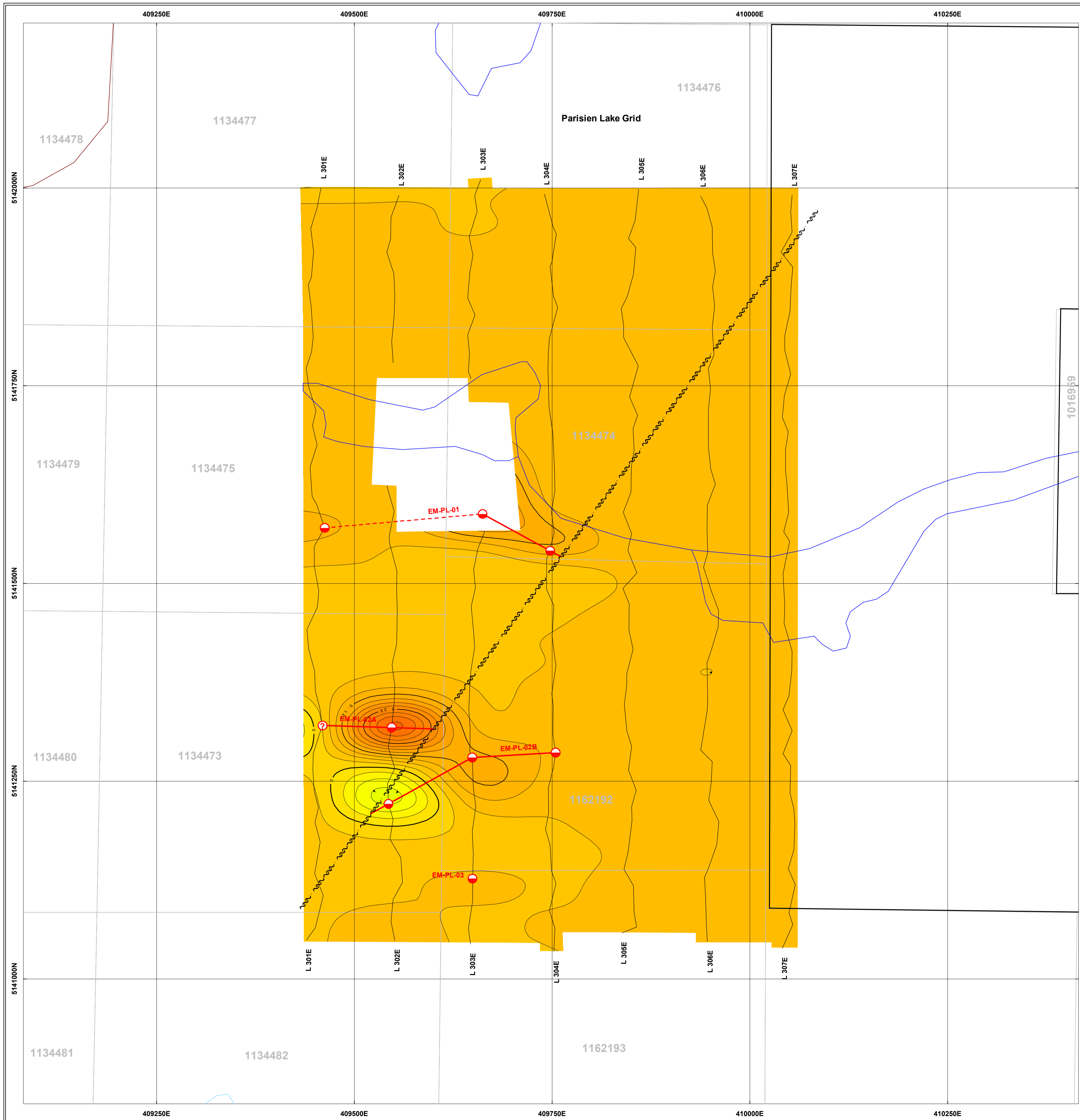


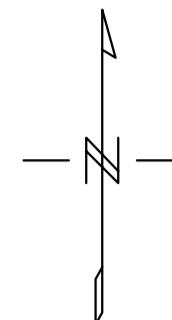
Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Gerow Township, Ontario

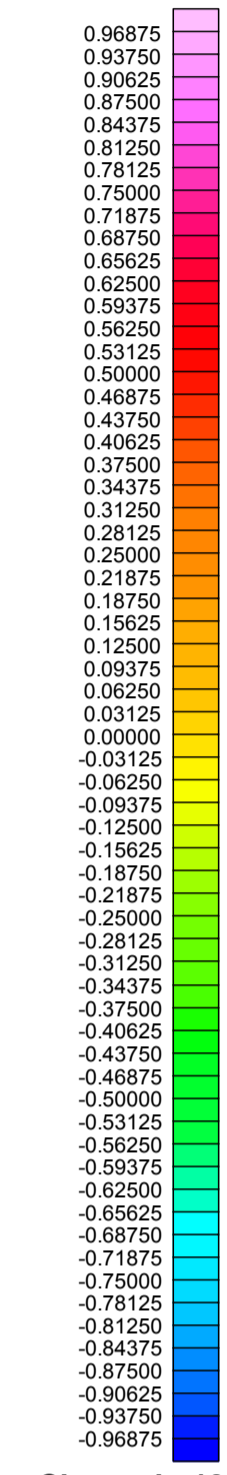
Ground TDEM Survey
X Component Contours
Channels 10 to 20 (nV/Am²)

Interpreted by: M. Dubois, P.Geo. 2011/12
 Surveyed by: Abitibi Geophysics Inc. 2011/11
 Approved by: C. Brown, G.I.T. 2011/12
 Reference map: 41J/08 Scale 1:2500
 Project no: 11N098 Map no: 6.5_be







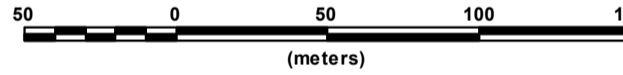


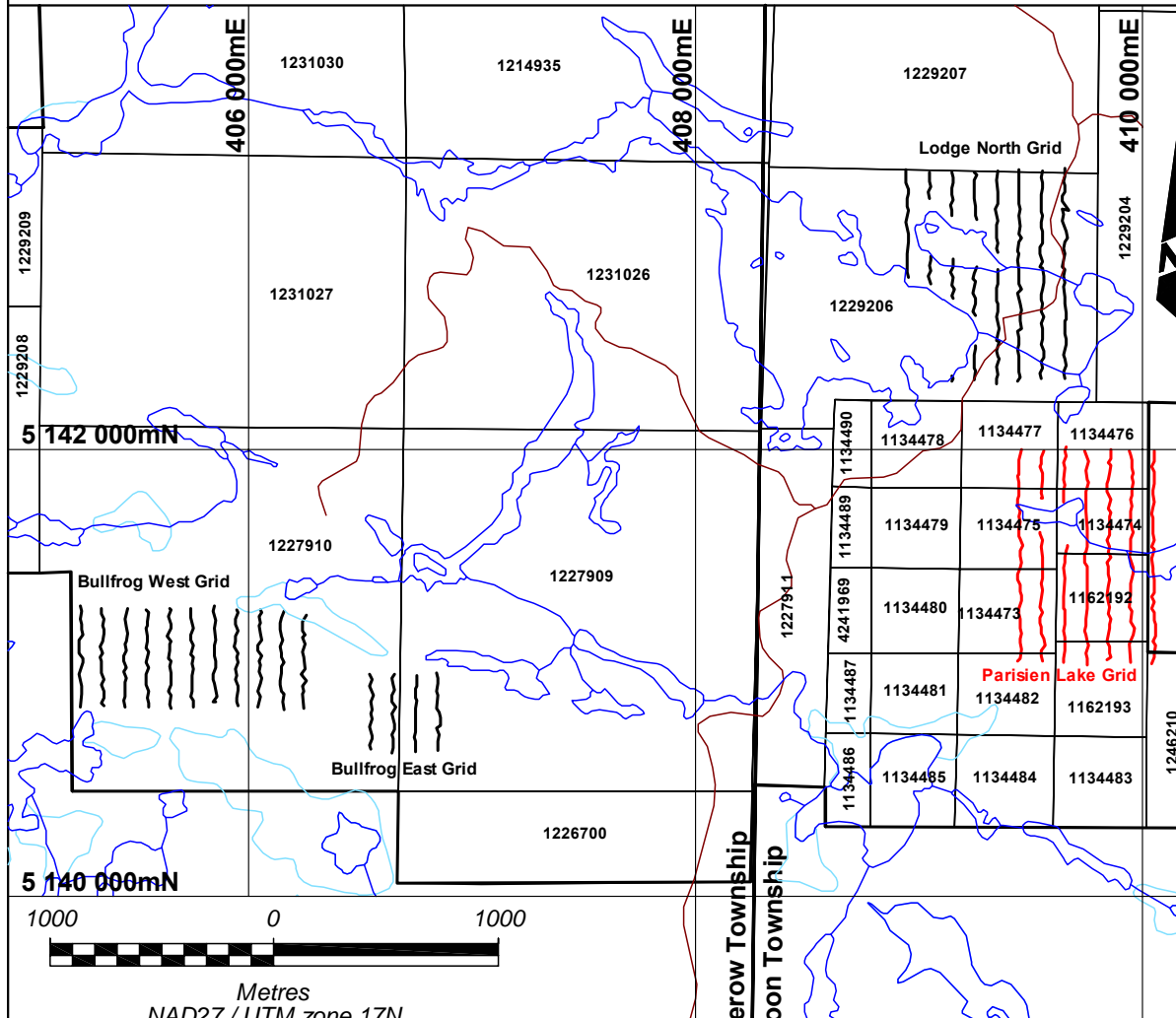
Z Component Contours

Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz

Channels 10 to 20
(nV/Am²)

Scale 1:2500






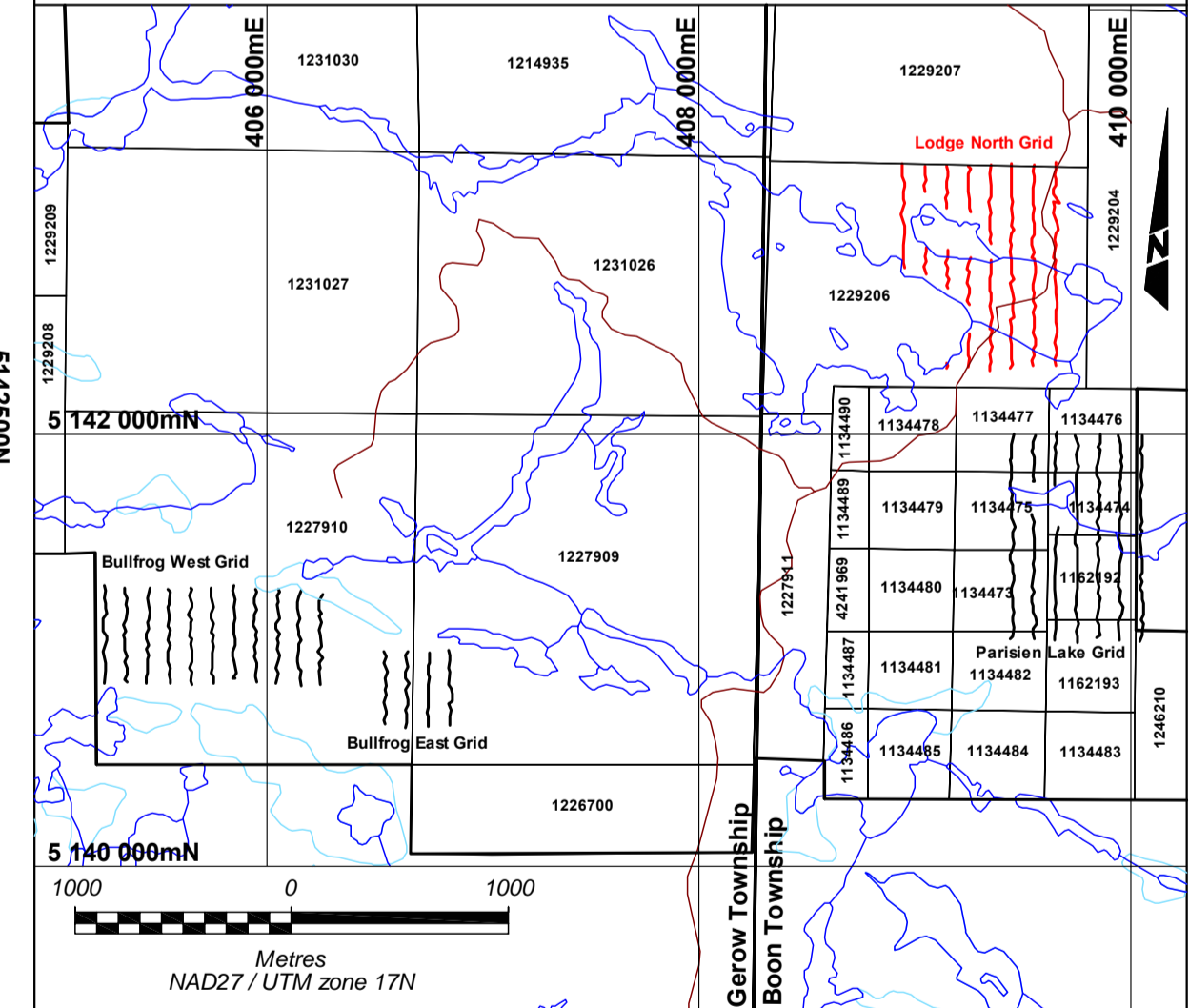
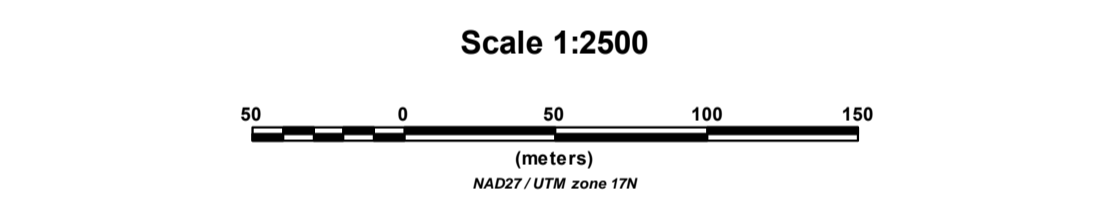
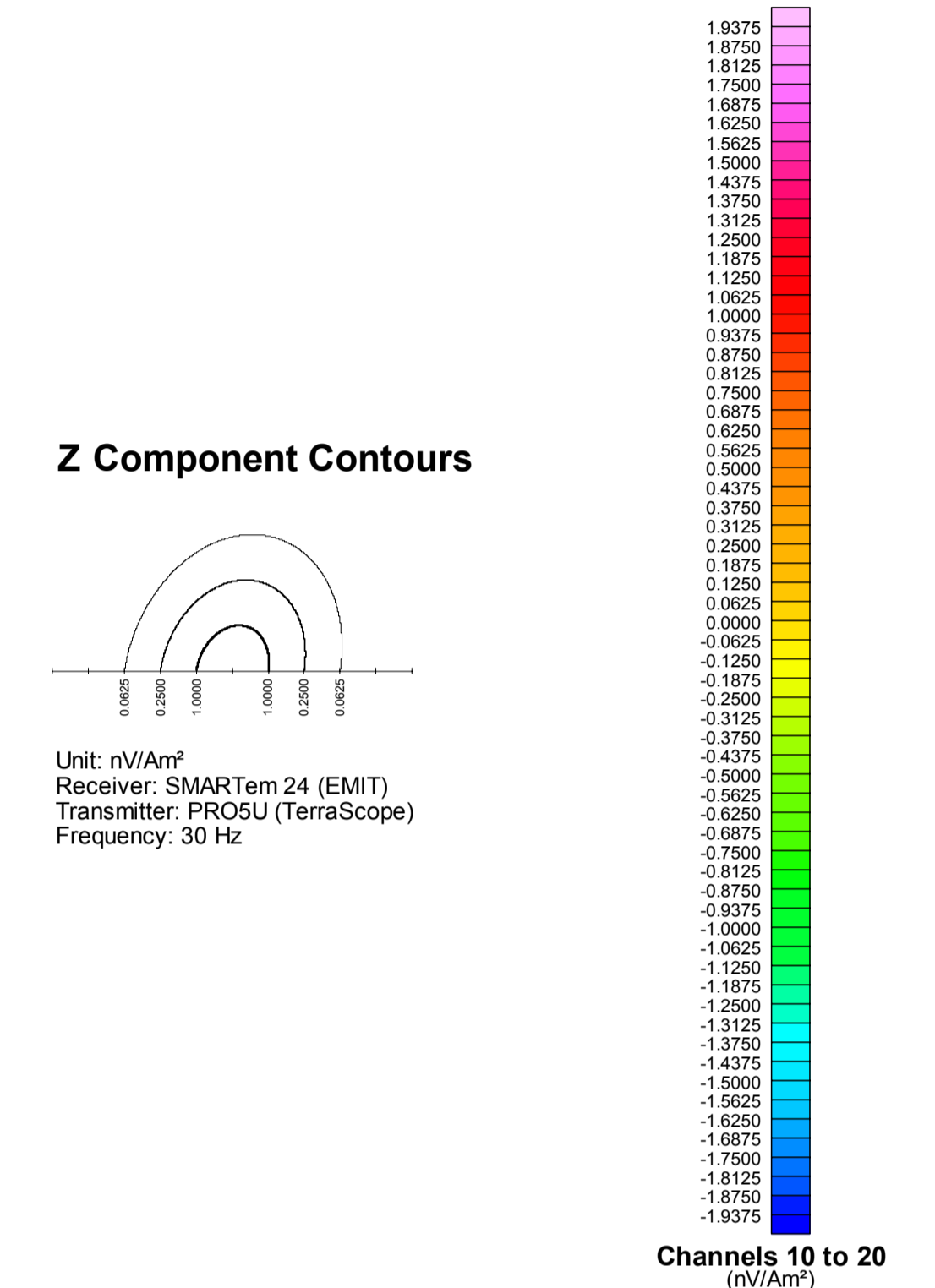
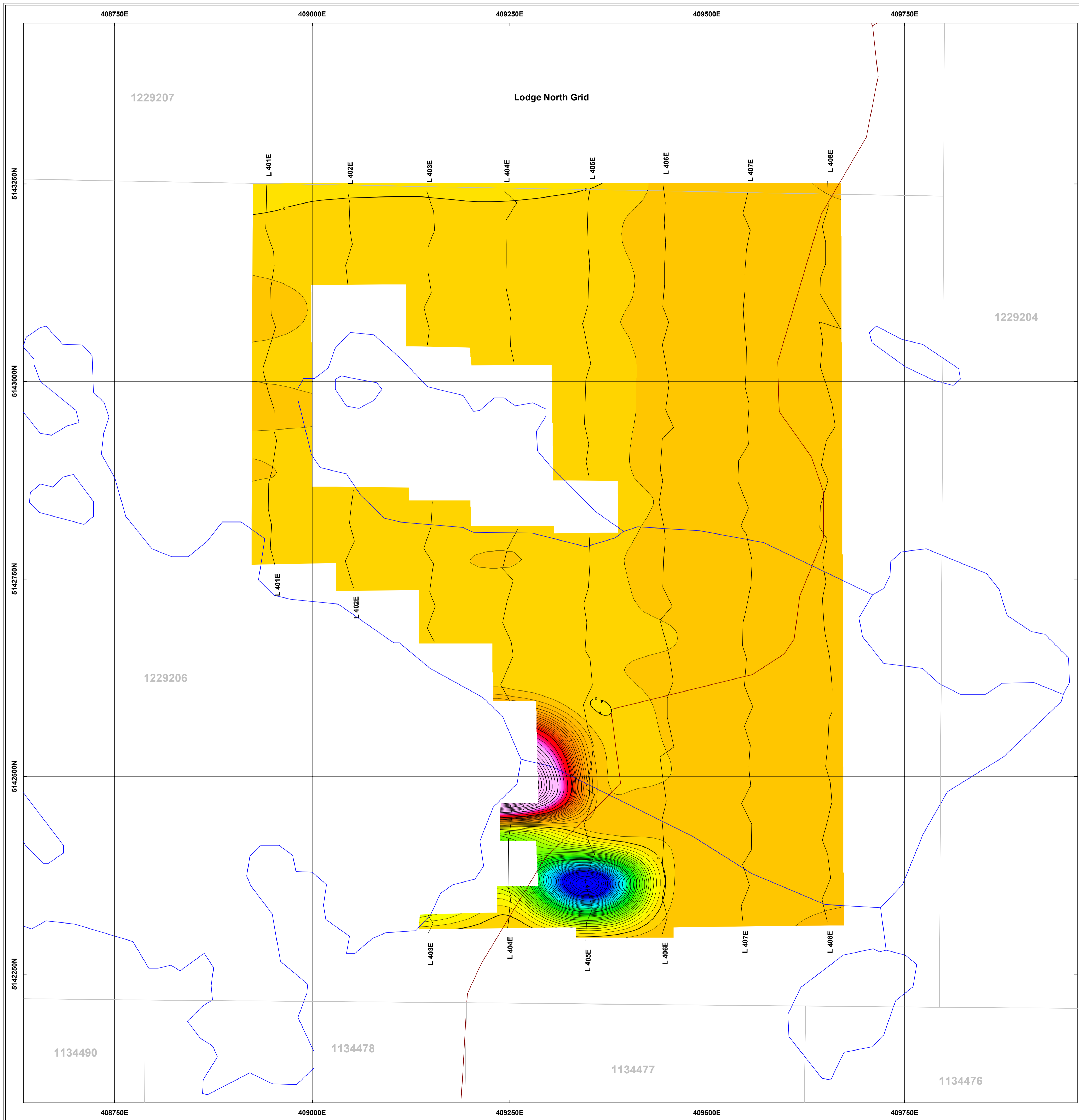
Scale 1:10000

Mustang Minerals Corp.
East Bull Lake Project - Parisien Lake Grid
Boon Township, Ontario

Ground TDEM Survey
Z Component Contours
Channels 10 to 20 (nV/Am²)

Interpreted by: M. Dubois, P.Geo.	2011/12
Surveyed by: Abitibi Geophysics Inc.	2011/11
Approved by: C. Brown, G.I.T.	2011/12
Reference map: 41J/08	Scale 1:2500
Project no: 11N098	Map no: 6.4_pl

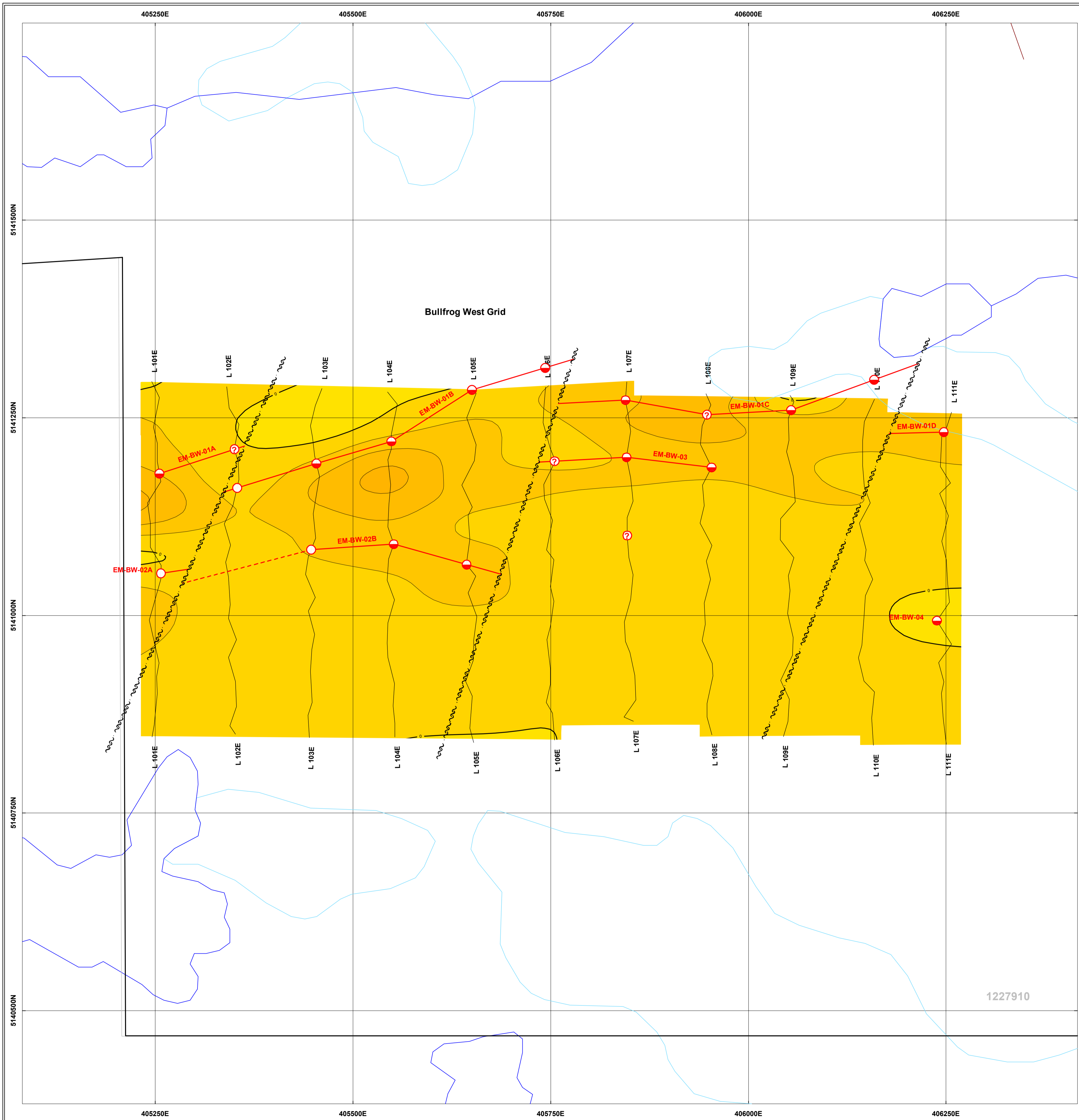




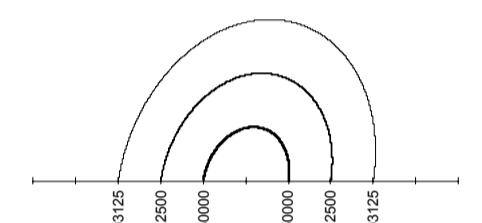
Mustang Minerals Corp.
East Bull Lake Project - Lodge North Grid
Boon Township, Ontario

Ground TDEM Survey
Z Component Contours
Channels 10 to 20 (nV/Am²)

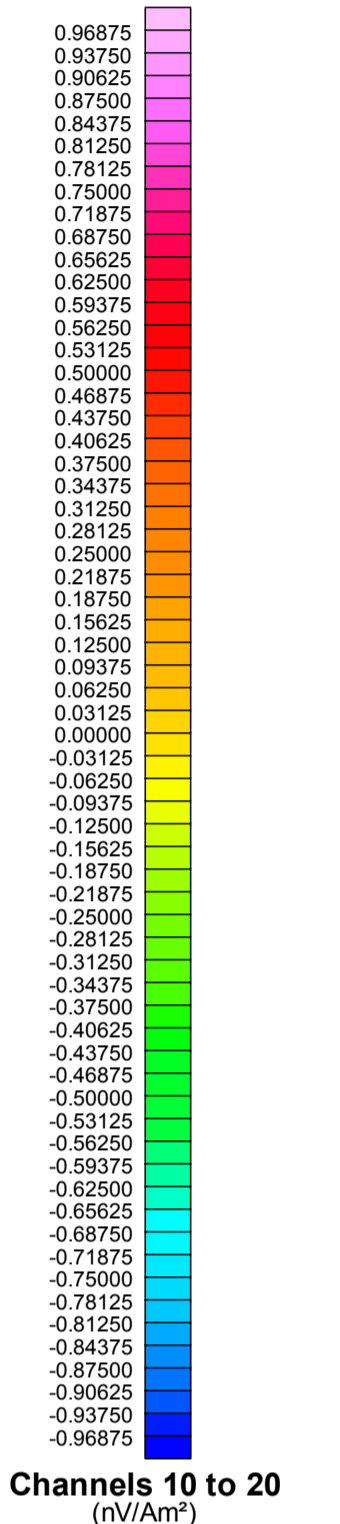
Interpreted by: M. Dubois, P.Geo.	2011/12	
Surveyed by: Abitibi Geophysics Inc.	2011/11	
Approved by: C. Brown, G.I.T.	2011/12	
Reference map: 41J/08	Scale 1:2500	
Project no: 11N098	Map no: 6.4_In	



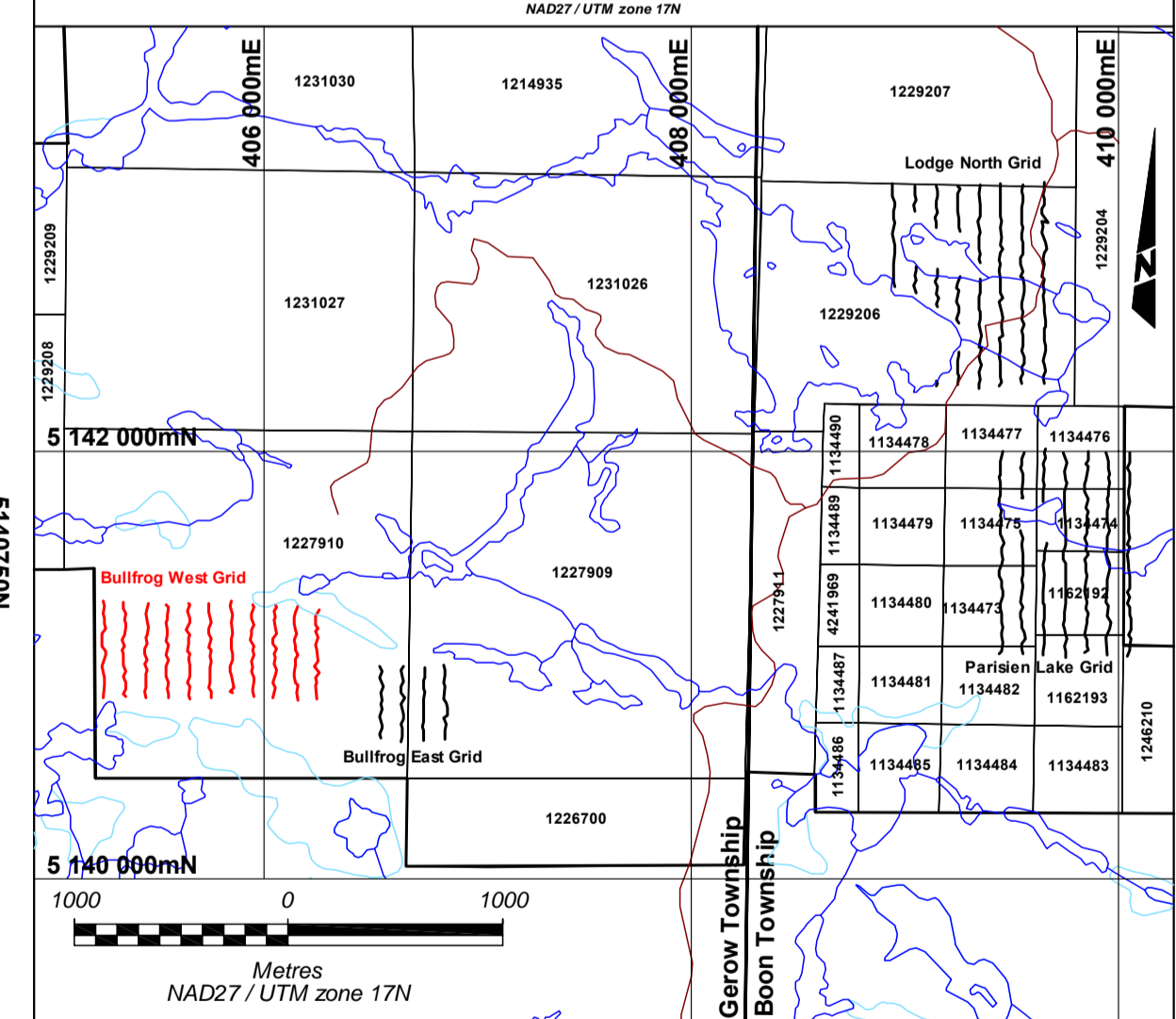
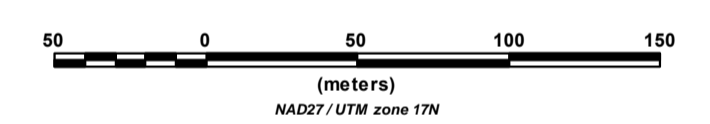
Z Component Contours



Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz



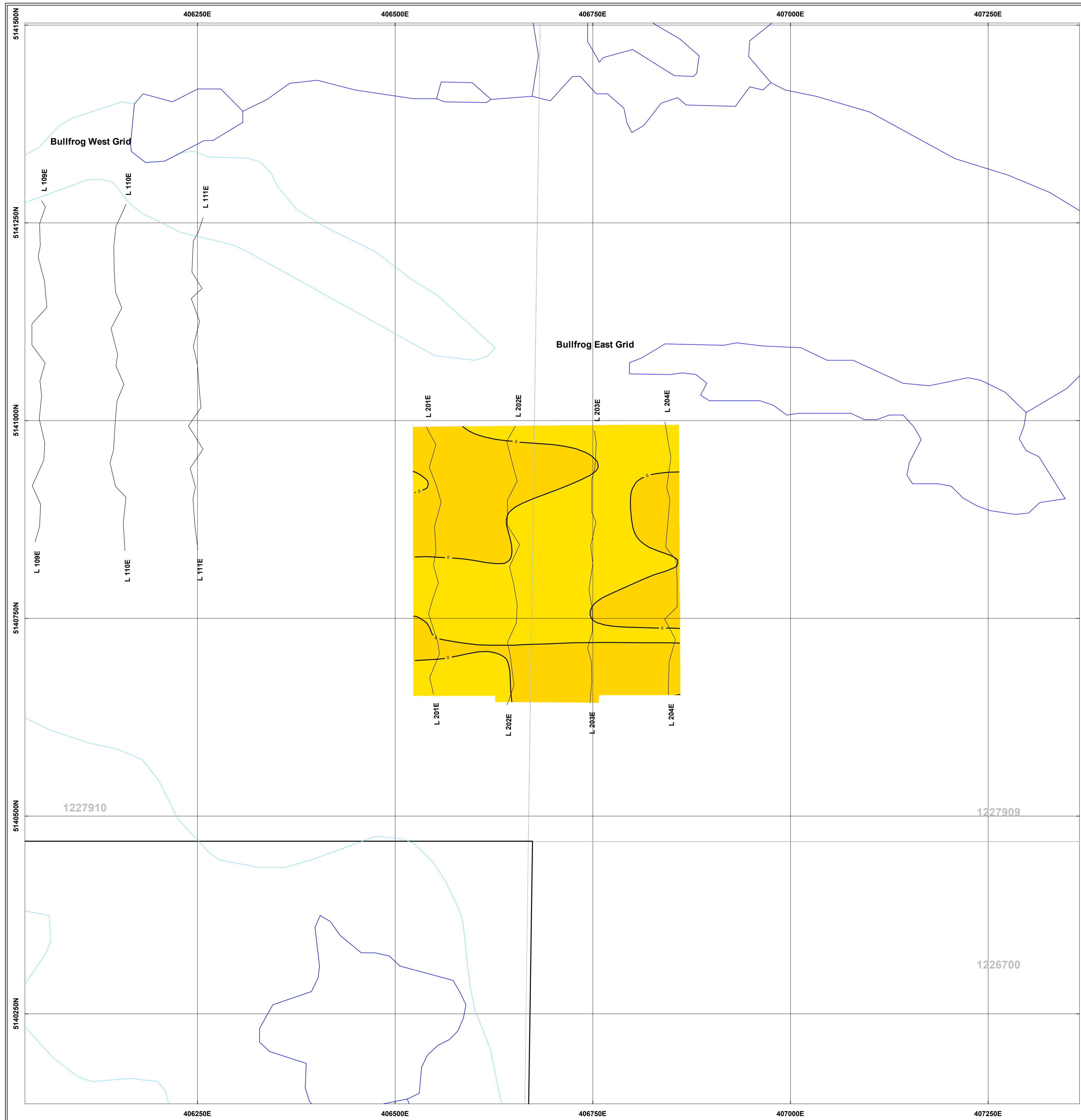
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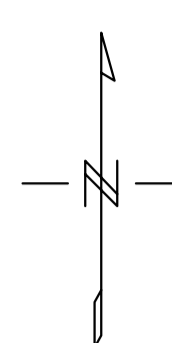


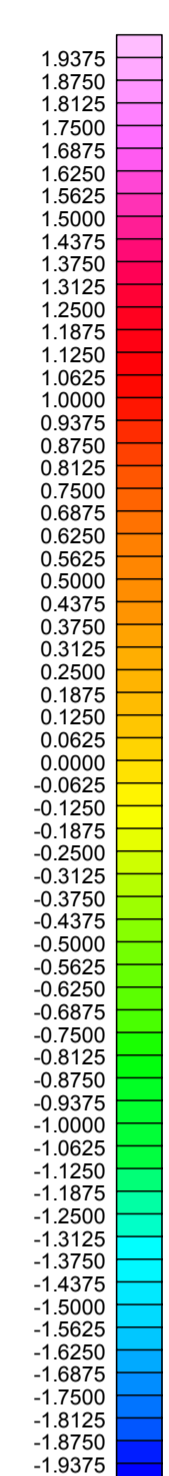
Mustang Minerals Corp.
East Bull Lake Project - Bullfrog West Grid
Gerow Township, Ontario

Ground TDEM Survey
Z Component Contours
Channels 10 to 20 (nV/Am²)

Interpreted by: M. Dubois, P.Geo.	2011/12	
Surveyed by: Abitibi Geophysics Inc.	2011/11	
Approved by: C. Brown, G.I.T.	2011/12	
Reference map: 41J/08	Scale 1:2500	
Project no: 11N098	Map no: 6.4_bw	





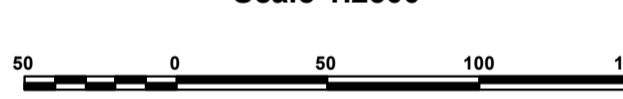


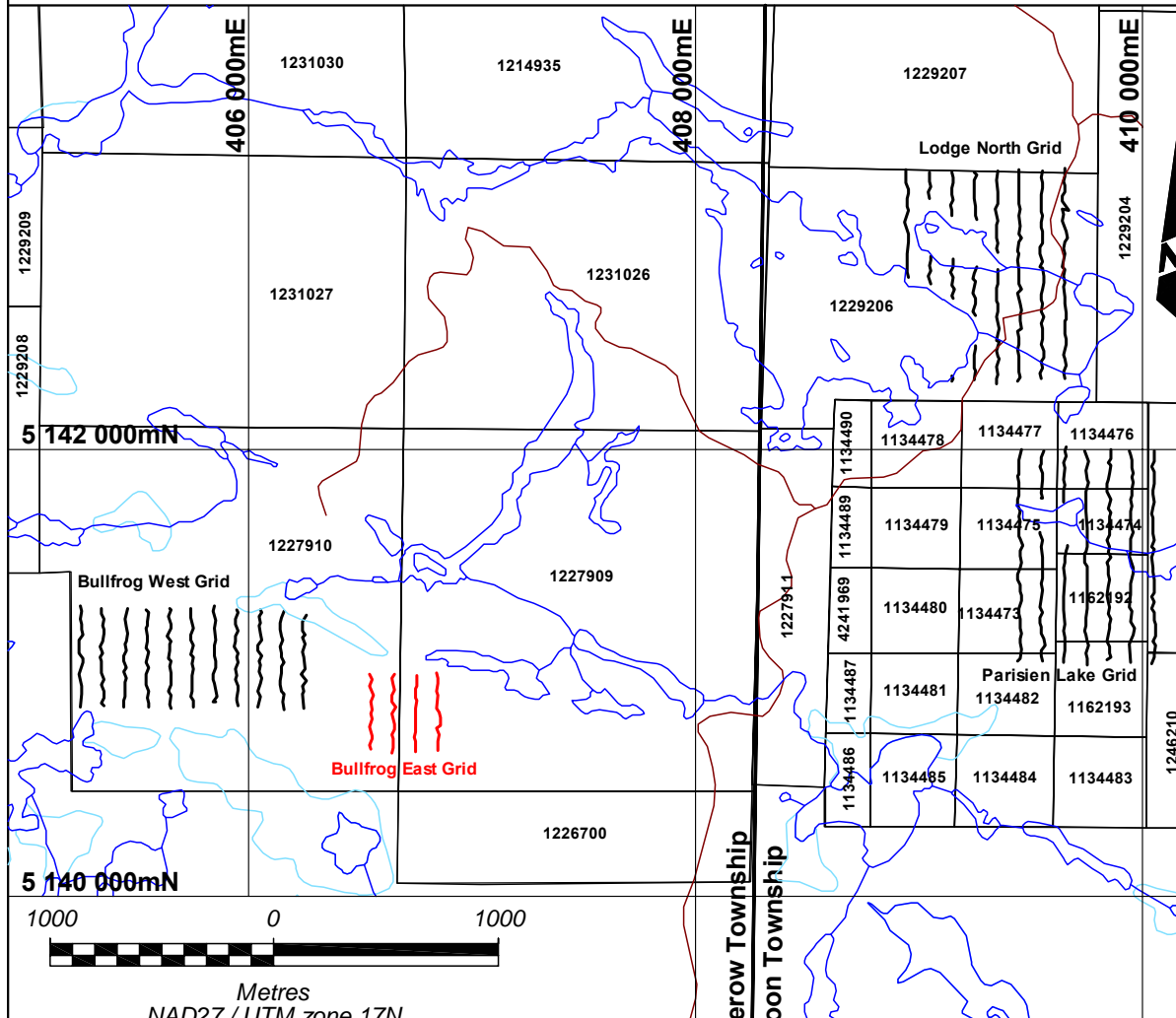
Z Component Contours

Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz

Channels 10 to 20
(nV/Am²)

Scale 1:2500




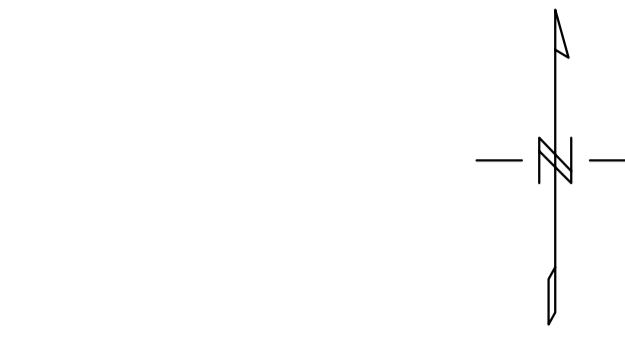
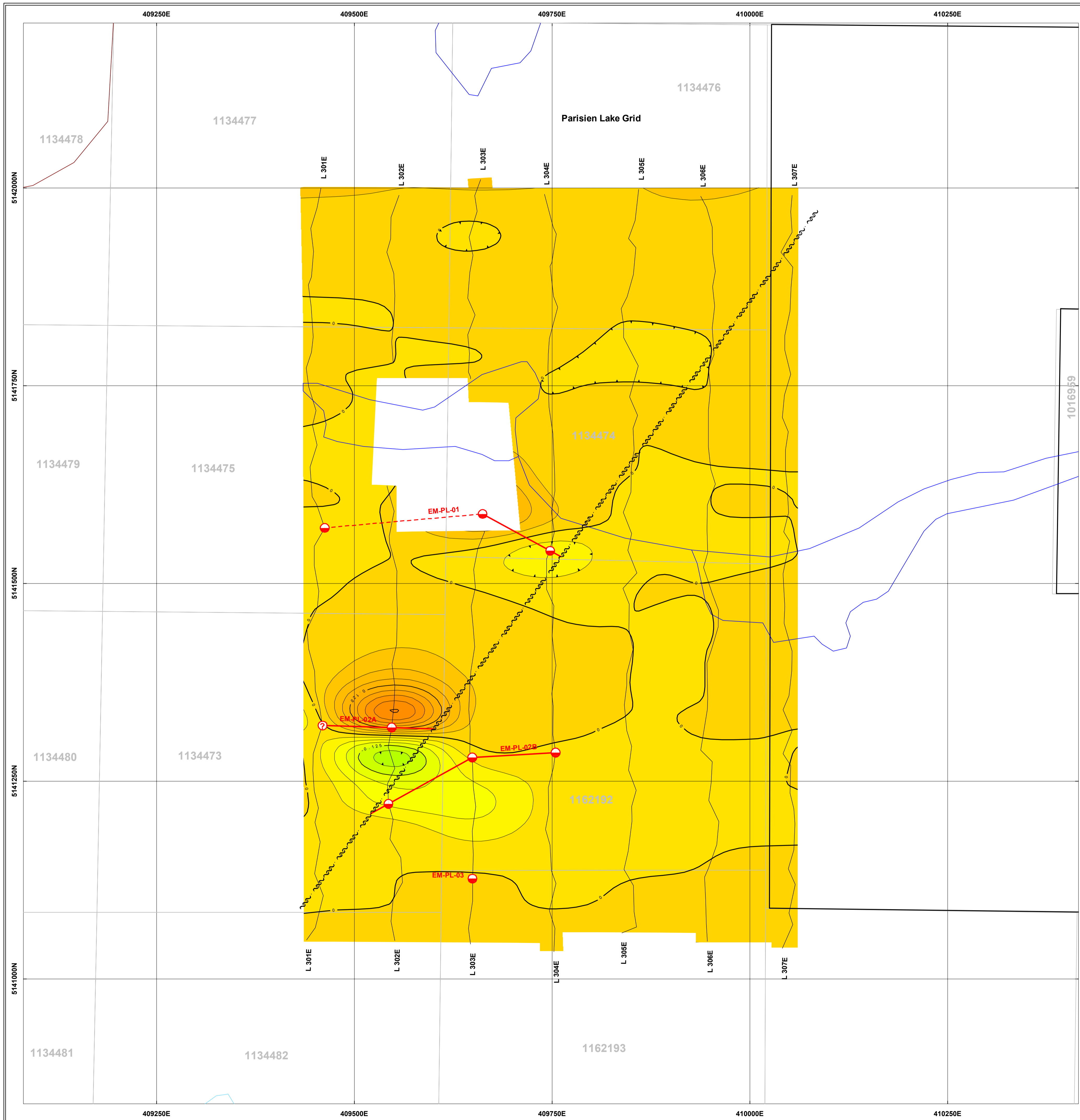


Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Gerow Township, Ontario

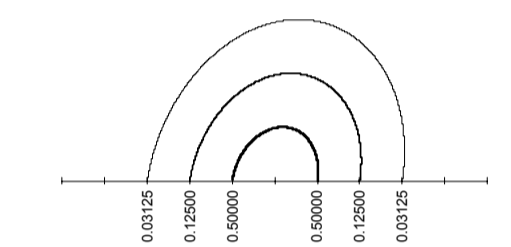
Ground TDEM Survey
Z Component Contours
Channels 10 to 20 (nV/Am²)

Interpreted by: M. Dubois, P.Geo.	2011/12
Surveyed by: Abitibi Geophysics Inc.	2011/11
Approved by: C. Brown, G.I.T.	2011/12
Reference map: 41J/08	Scale 1:2500
Project no: 11N098	Map no: 6.4_b

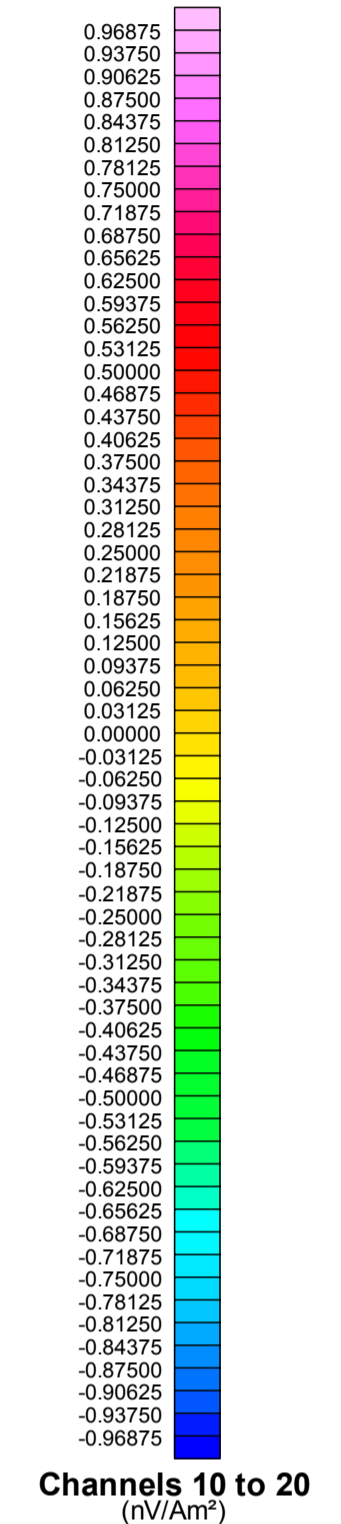




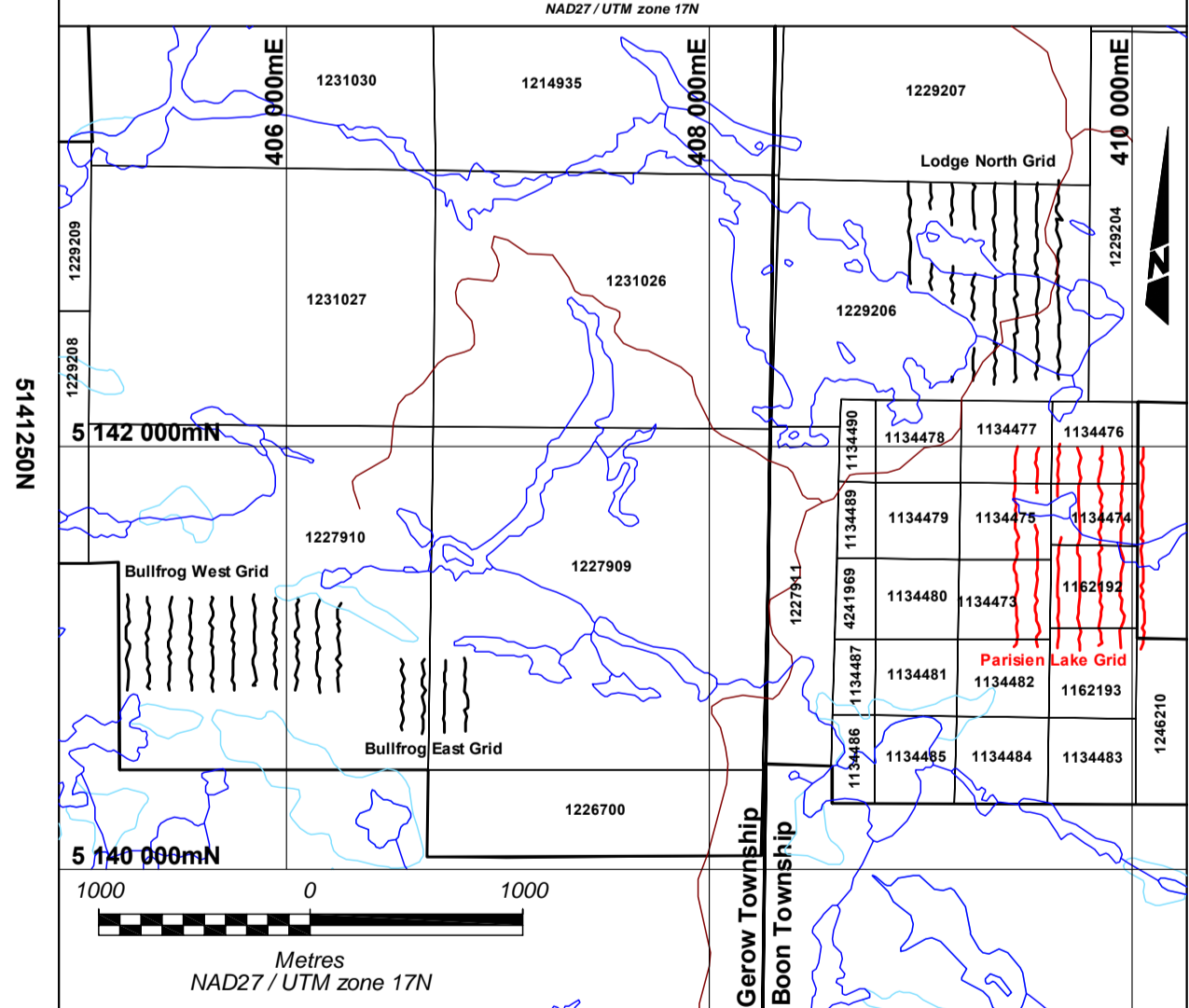
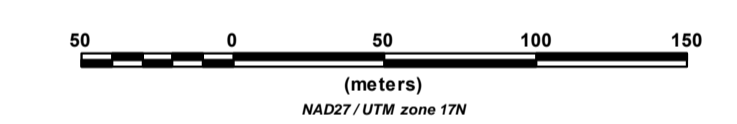
X Component Contours



Unit: nV/Am²
 Receiver: SMARTem 24 (EMIT)
 Transmitter: PROSU (TerraScope)
 Frequency: 30 Hz



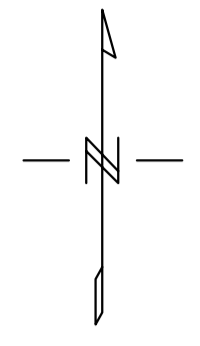
Scale 1:2500



Mustang Minerals Corp.
East Bull Lake Project - Parisien Lake Grid
Boon Township, Ontario

Ground TDEM Survey
X Component Contours
Channels 10 to 20 (nV/Am²)

Interpreted by: M. Dubois, P.Geo.	2011/12	
Surveyed by: Abitibi Geophysics Inc.	2011/11	
Approved by: C. Brown, G.I.T.	2011/12	
Reference map: 41J/08	Scale 1:2500	
Project no: 11N098	Map no: 6.5_pl	



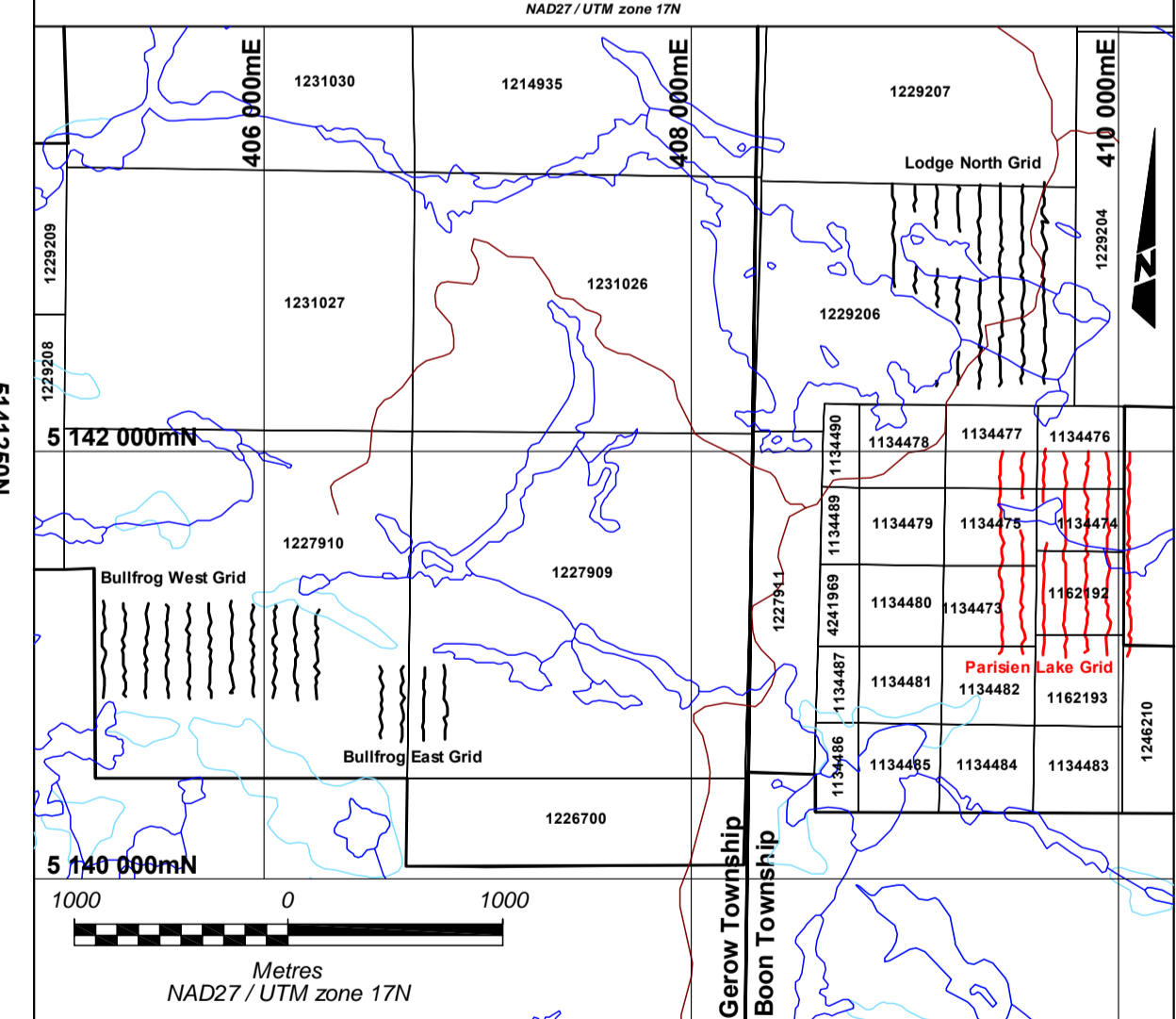
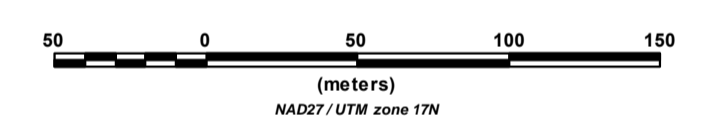
LEGEND

TDEM SURVEY

- Conductor Axis**
- - - - - Questionable Continuity
 - Definite Continuity
 - Wide Conductor
 - TDEM Transmitting Loop Outlines
- Conductor's Quality**
- Low Conductance
 - Moderate Conductance
 - High Conductance
 - ⊗ Ambiguous response
 - ⊗ Cultural anomaly

- Miscellaneous Symbols**
- ~ ~ ~ ~ ~ Observed Fault / Shear
 - ~ ~ ~ ~ ~ Geophysically Inferred Fault / Shear

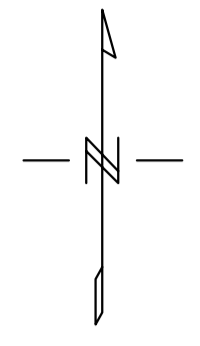
Scale 1:2500



Mustang Minerals Corp.
East Bull Lake Project - Parisien Lake Grid
Boon Township, Ontario

Geophysical Interpretation & Transmitting Loop Outlines

Interpreted by: M. Dubois, P.Geo.	2011/12	
Surveyed by: Abitibi Geophysics Inc.	2011/11	
Approved by: C. Brown, G.I.T.	2011/12	
Reference map: 41J/08	Scale 1:2500	
Project no: 11N098	Map no: 10.0_pl	



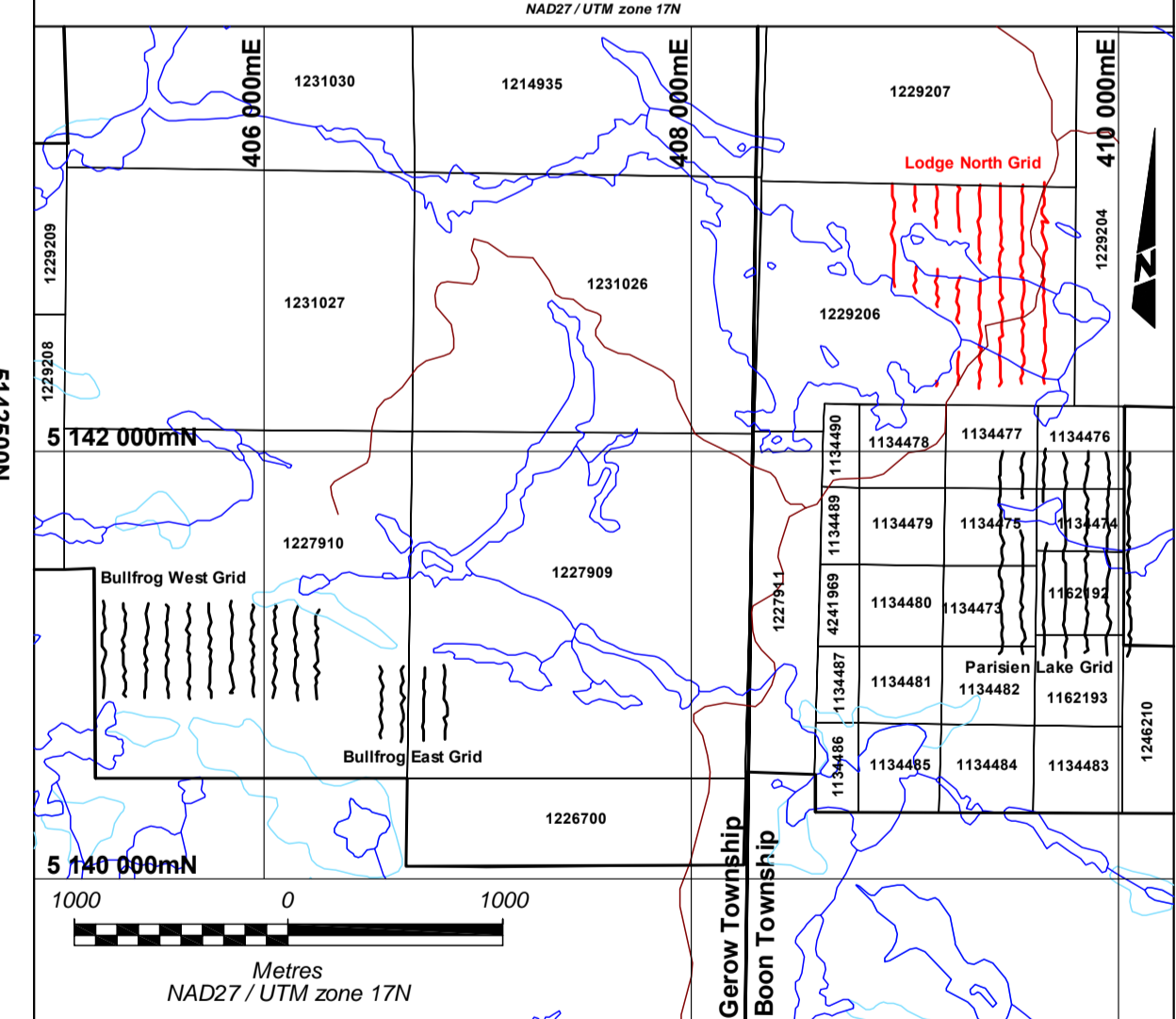
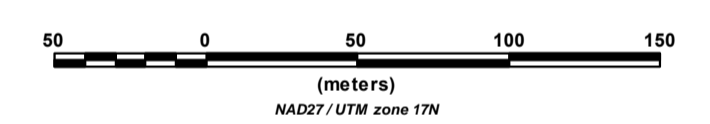
LEGEND

TDEM SURVEY

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- Miscellaneous Symbols**
- ~ Observed Fault / Shear
 - ~ Geophysically Inferred Fault / Shear

Scale 1:2500

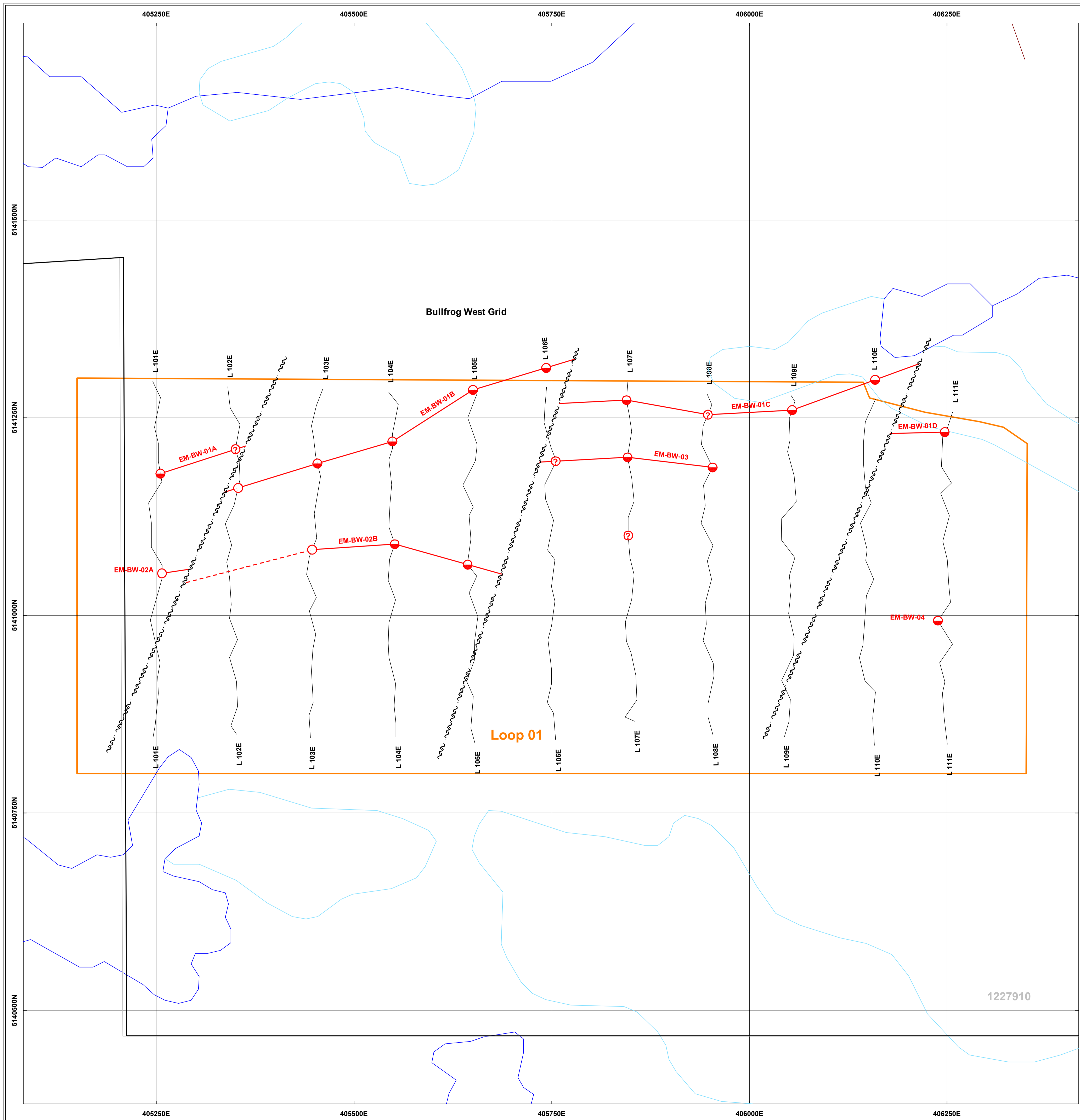


Mustang Minerals Corp.
East Bull Lake Project - Lodge North Grid
Boon Township, Ontario

Geophysical Interpretation & Transmitting Loop Outlines

Interpreted by: M. Dubois, P.Geo. 2011/12
 Surveyed by: Abitibi Geophysics Inc. 2011/11
 Approved by: C. Brown, G.I.T. 2011/12
 Reference map: 41J/08 Scale 1:2500
 Project no: 11N098 Map no: 10.0_In





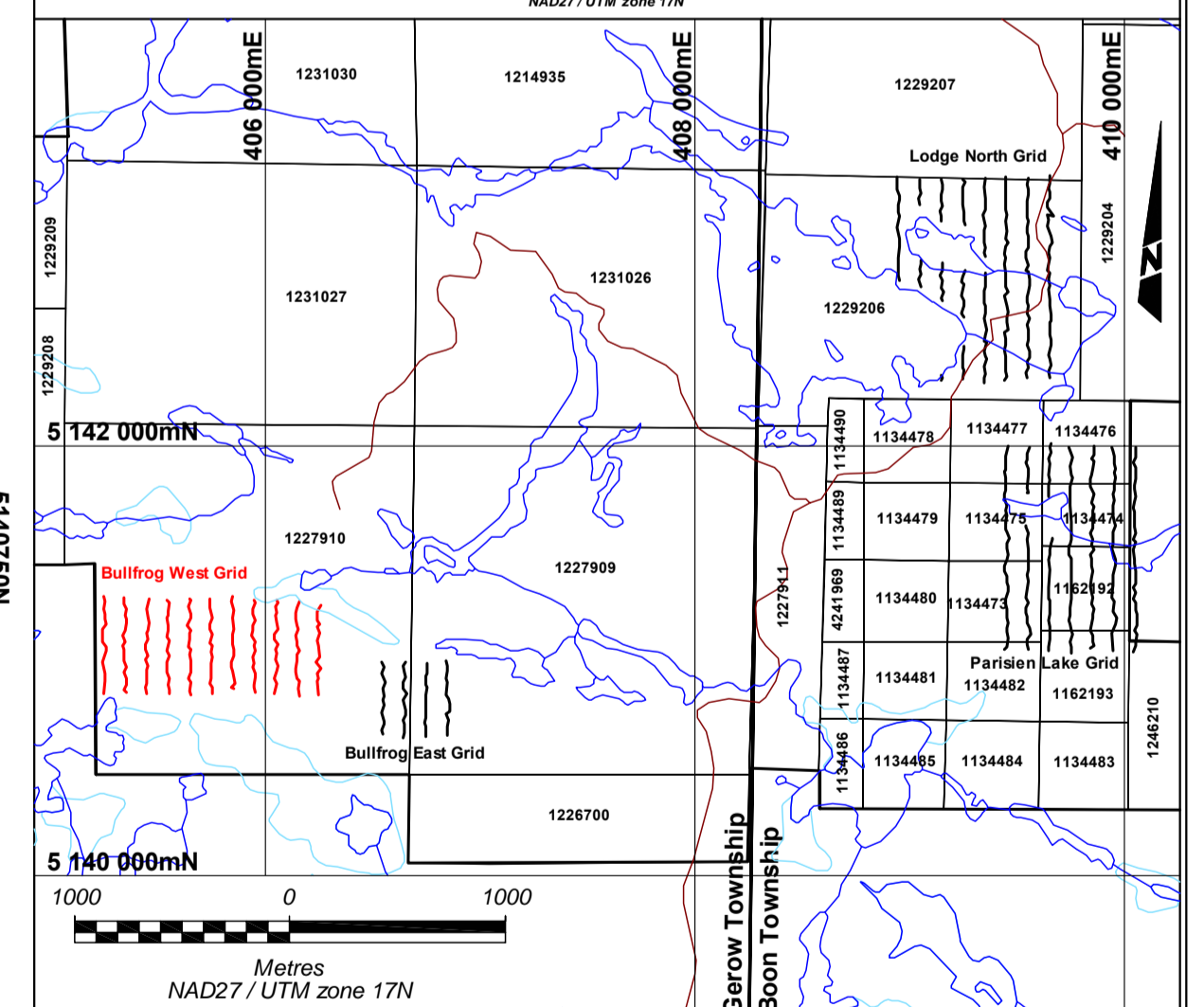
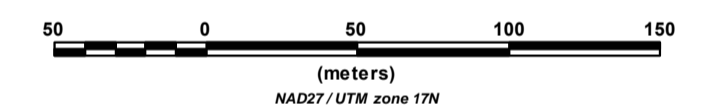
LEGEND

TDEM SURVEY

- Conductor Axis**
- - - Questionable Continuity
 - Definite Continuity
 - Wide Conductor
 - TDEM Transmitting Loop Outlines
- Conductor's Quality**
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 - High Conductance
 - ⊙ Ambiguous response
 - ⊗ Cultural anomaly

- Miscellaneous Symbols**
- ~ Observed Fault / Shear
 - ~ Geophysically Inferred Fault / Shear

Scale 1:2500

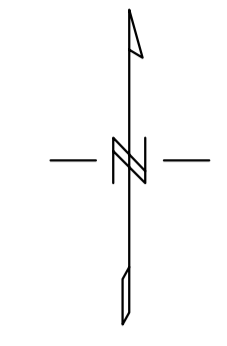
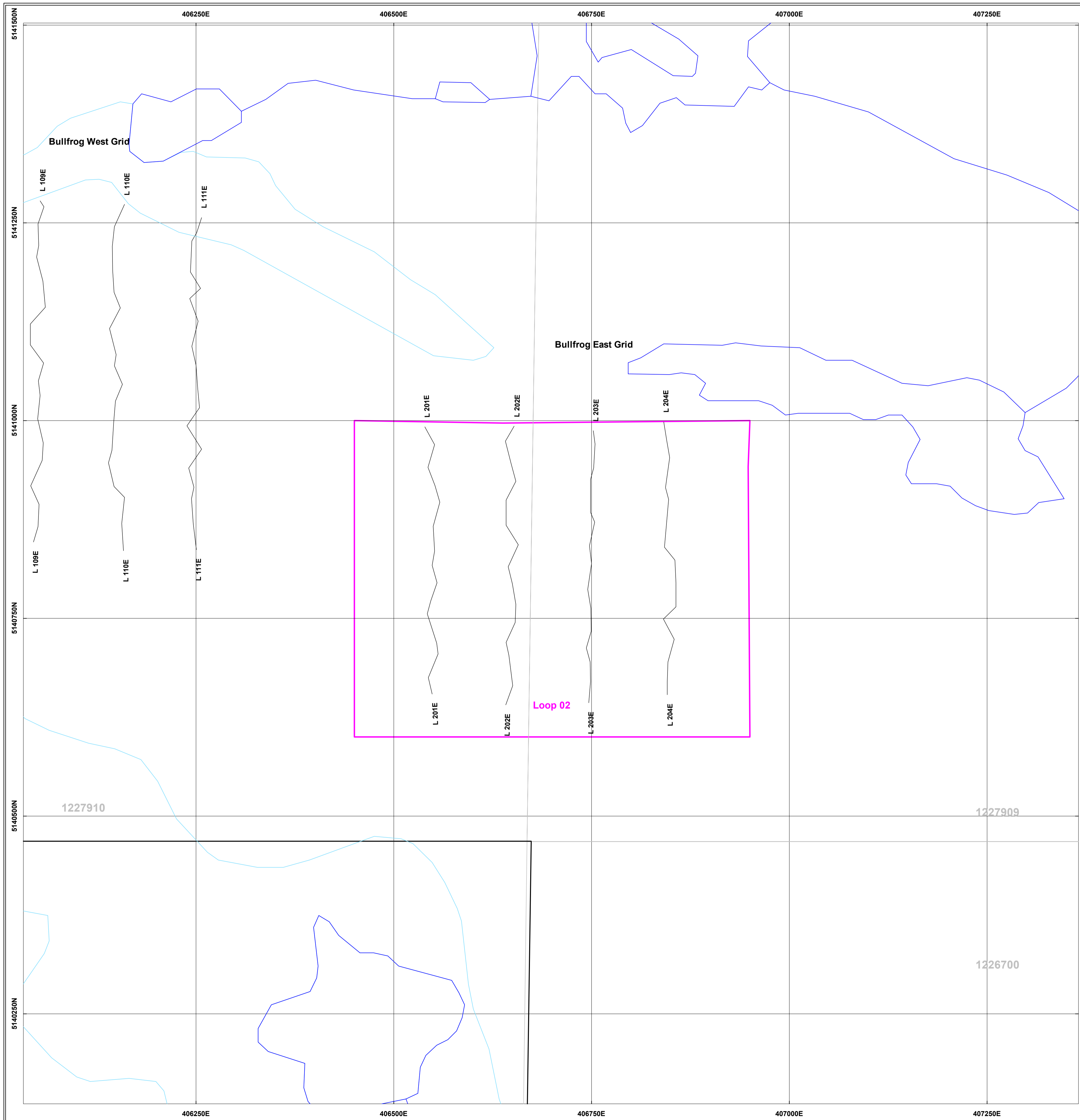


Mustang Minerals Corp.
East Bull Lake Project - Bullfrog West Grid
Gerow Township, Ontario

Geophysical Interpretation
& Transmitting Loop Outlines

Interpreted by: M. Dubois, P.Geo. 2011/12
 Surveyed by: Abitibi Geophysics Inc. 2011/11
 Approved by: C. Brown, G.I.T. 2011/12
 Reference map: 41J/08 Scale 1:2500
 Project no: 11N098 Map no: 10.0_bw





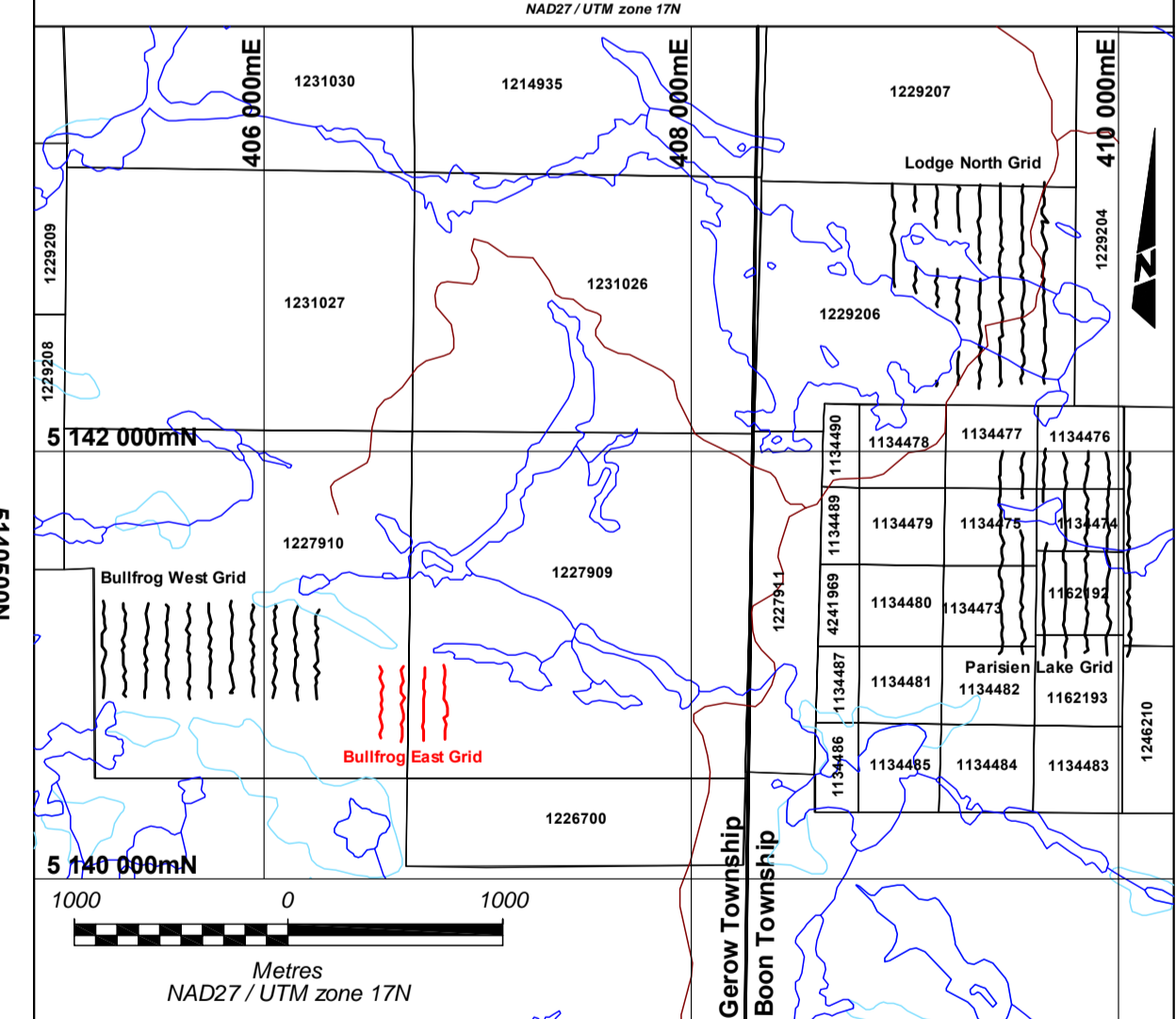
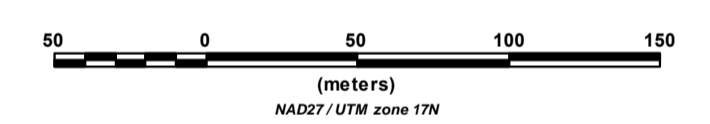
LEGEND

TDEM SURVEY

- Conductor Axis**
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 - Definite Continuity
 - Wide Conductor
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- Miscellaneous Symbols**
- ~ Observed Fault / Shear
 - ~ Geophysically Inferred Fault / Shear

Scale 1:2500



Mustang Minerals Corp.
East Bull Lake Project - Bullfrog East Grid
Gerow Township, Ontario

Geophysical Interpretation & Transmitting Loop Outlines

Interpreted by: M. Dubois, P.Geo. 2011/12
 Surveyed by: Abitibi Geophysics Inc. 2011/11
 Approved by: C. Brown, G.I.T. 2011/12
 Reference map: 41J/08 Scale 1:2500
 Project no: 11N098 Map no: 10.0_be

