

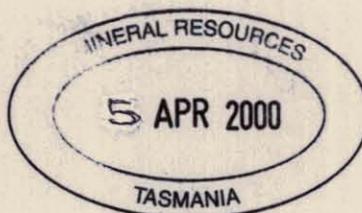
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Western Metals Resources Ltd
Townsville Exploration Office

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19M/95 PT 1		
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COMSTOCK GROUND EM/DOWNHOLE EM INTERPRETATION REPORT

EPM 19M/95
EPM 123M/47

Geophysics Technical Report
September 1999

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Comstock Ground EM/Downhole EM Interpretation Report - EPM19M/95 & EPM 123M/47 - Geophysics Bass Resources Limited; Oceania Tasmania Proprieta Thompson, A.D. ML123M/47; ML19M/9

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Report No.: TAS37

Compiled by:

A.D. Thompson
A.D. THOMPSON

Issued by:

A.M. Hespe
A.M. Hespe

Date 17th January 2000

Western Metals Resources Limited ACN 004 664 108
27 Mackley Street, Garbutt, Townsville QLD 4814
Tel +61 7 4725 2352 Fax +61 7 4725 2353

Level 3, 65 Murray Street
Hobart, Tasmania 7000

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SUMMARY

Seven early time responses and a late time response were detected during the 1999 Comstock ground EM survey. The late time response has been drilled and its source identified as a thick unit of a pyritic black shale. This conductive unit does not appear to be uniformly conductive however and areas to the east and west of the current drilling remain attractive targets.

One of the seven early time targets was intersected in hole SY017 and SY018 and its source identified as a steeply dipping unit of pyrite which may contain minor base metal mineralisation down dip. The other shallow conductors have similar characteristics and are thought to have similar pyritic sources.

No conductive responses from potential eastern extensions to the Balstrup Fault mineralisation were detected along the Balstrup Fault from the surface EM.

Downhole EM confirmed the graphitic shale as the source for the late time response from the ground EM and also the pyrite mineralisation as the source for at least one of the shallow, weaker responses detected during the ground EM.

A late time, in-hole response with an off-hole component, associated with a mineralised skarn unit 450 metres down the hole was detected in hole SY018. The offhole component of this anomaly suggests that this unit has some strike length and may be worth testing east and west along strike.

A mid-time off-hole response from a west dipping body located 50 metres above hole SY019 at a depth of 100 metres remains untested and is a viable target.

1. INTRODUCTION

From September to November of 1999 fixed loop ground EM and downhole EM surveys were conducted over Bass Resources Comstock prospect for Western Metals Resources. The Comstock prospect is located on the west coast of Tasmania near the mining town of Zeehan (figure 1). Pb/Zn massive sulphide has been intermittently mined from Comstock over a period of years.

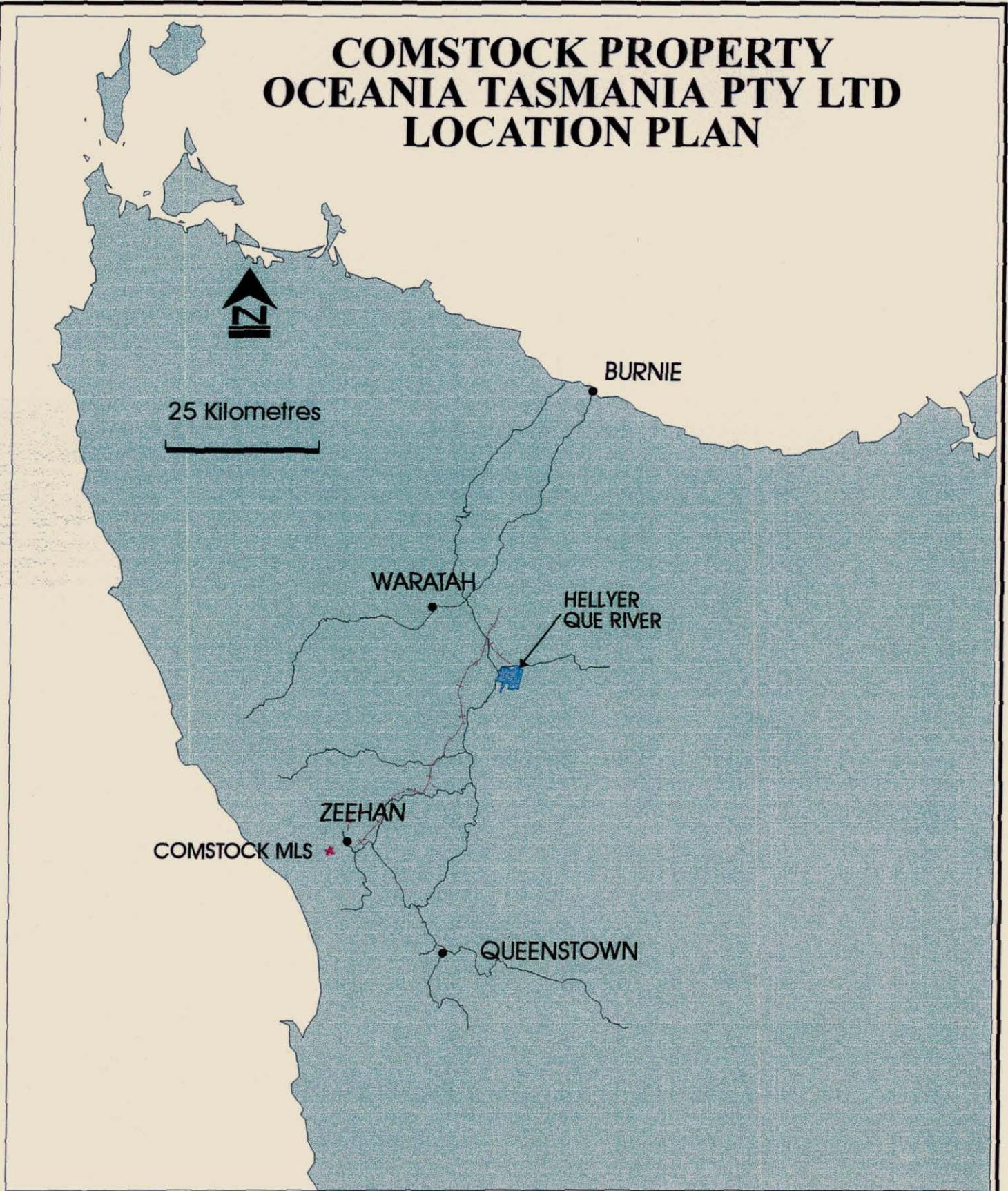
The survey was part of an exploration program by Western Metals Resources to locate an alternative ore resource to feed the nearby Hellyer Mill which is expected to run out of ore from the current Hellyer orebody in mid 2000. The fixed loop ground EM (figure 2) was used to identify potential conductive mineralisation in a prospective area containing ironstone outcrop. The downhole EM (figure 3) was used to identify any potential off-hole conductors that the drilling may have narrowly missed and also to determine the source of the ground EM responses and whether or not these ground EM responses had been intersected.

Field work for the ground EM survey commenced on the 14th of September and was completed on the 22nd of September. The downhole EM was conducted on each hole as it was required throughout October and November. A total of 13 line kilometres of ground EM data was collected along 11, north-south oriented lines from 4 different loop locations at 25 metre intervals (PET-016). Both the Hx and Hz components of the EM field were collected.

A total of four drillholes were surveyed with downhole EM. SY017, SY018, SY019 and SY020 were surveyed with the axial or Z component of the EM signal being recorded from up to 4 different transmitting loops (PET-017B).

The ground EM survey was conducted by Zonge Engineering Crew Chief Matt Chamberlain and two local field personnel using Western Metals in-house Zonge Engineering ground EM acquisition system. The downhole EM work was conducted by Western Metals personnel Garry Cooper and Andrew Thompson using Western Metals downhole winch and Zonge transmitting system.

COMSTOCK PROPERTY OCEANIA TASMANIA PTY LTD LOCATION PLAN



2. DATA COLLECTION

The ground EM data was collected in a fixed loop configuration. In this configuration a large fixed EM transmitting loop is used to produce the EM signal which is then measured by a roving receiver which traverses along lines extending at right angles to the longest loop edge (figure 1.). EM recordings are collected both inside and outside of the transmitting loop.

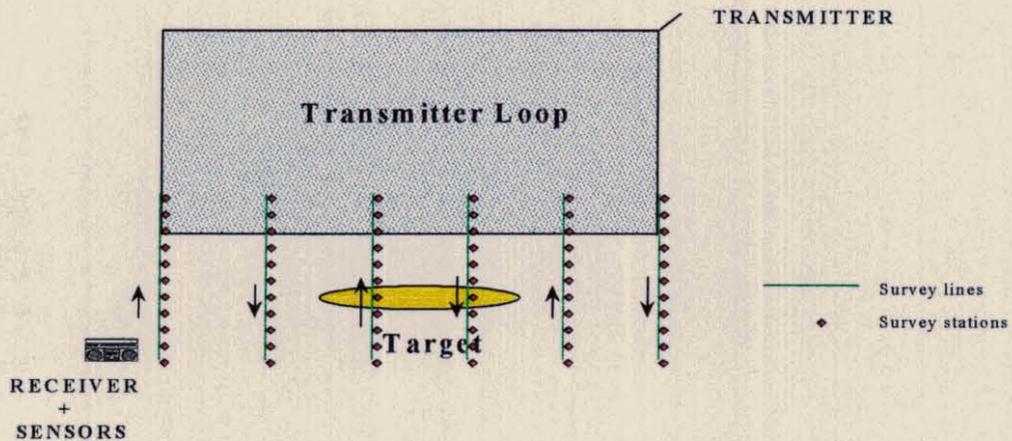


Figure 2. Fixed Loop Ground EM Survey Configuration.

The downhole EM is collected using a similar system for coupling with the target however a downhole winch and slimline probe is used to measure the EM signal down the hole (figure 3).

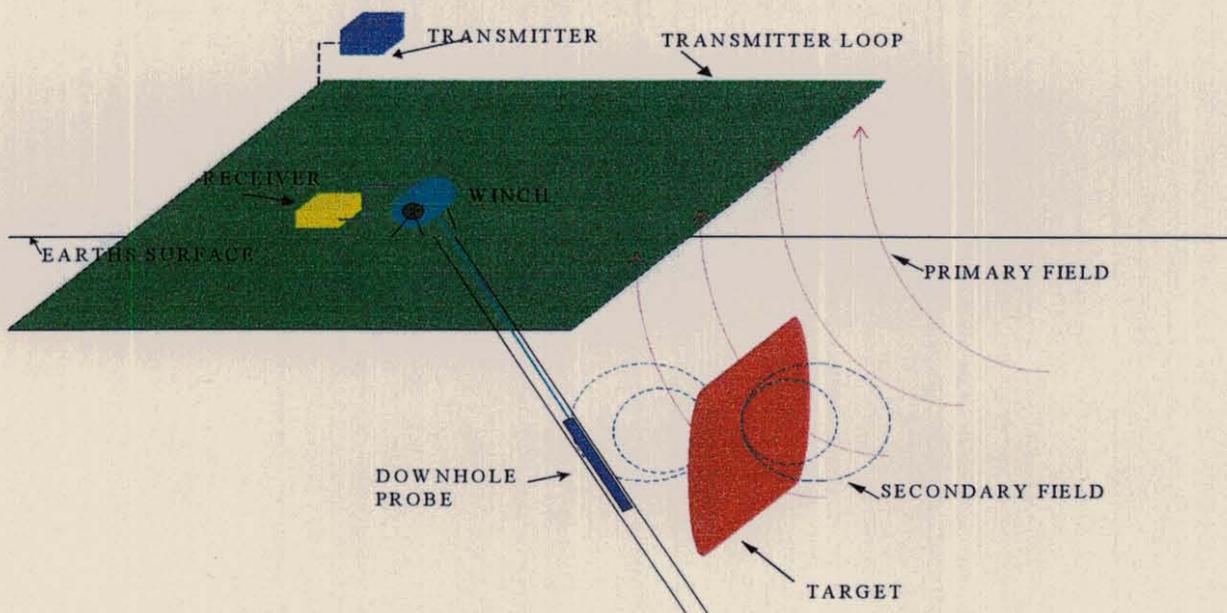


Figure 3. Downhole EM setup

2.3 Data Quality

The data quality throughout the survey was good due to the large signal strengths recorded at late time. Wind was a problem however and slowed down acquisition times due to the need for increased stacking of data. This problem mostly affected the X-component data. The X-component data was also affected by the transmitting wire from loop 3 on line 7700E creating spikey data.

3. DISCUSSION

3.1 Previous Geophysical Work

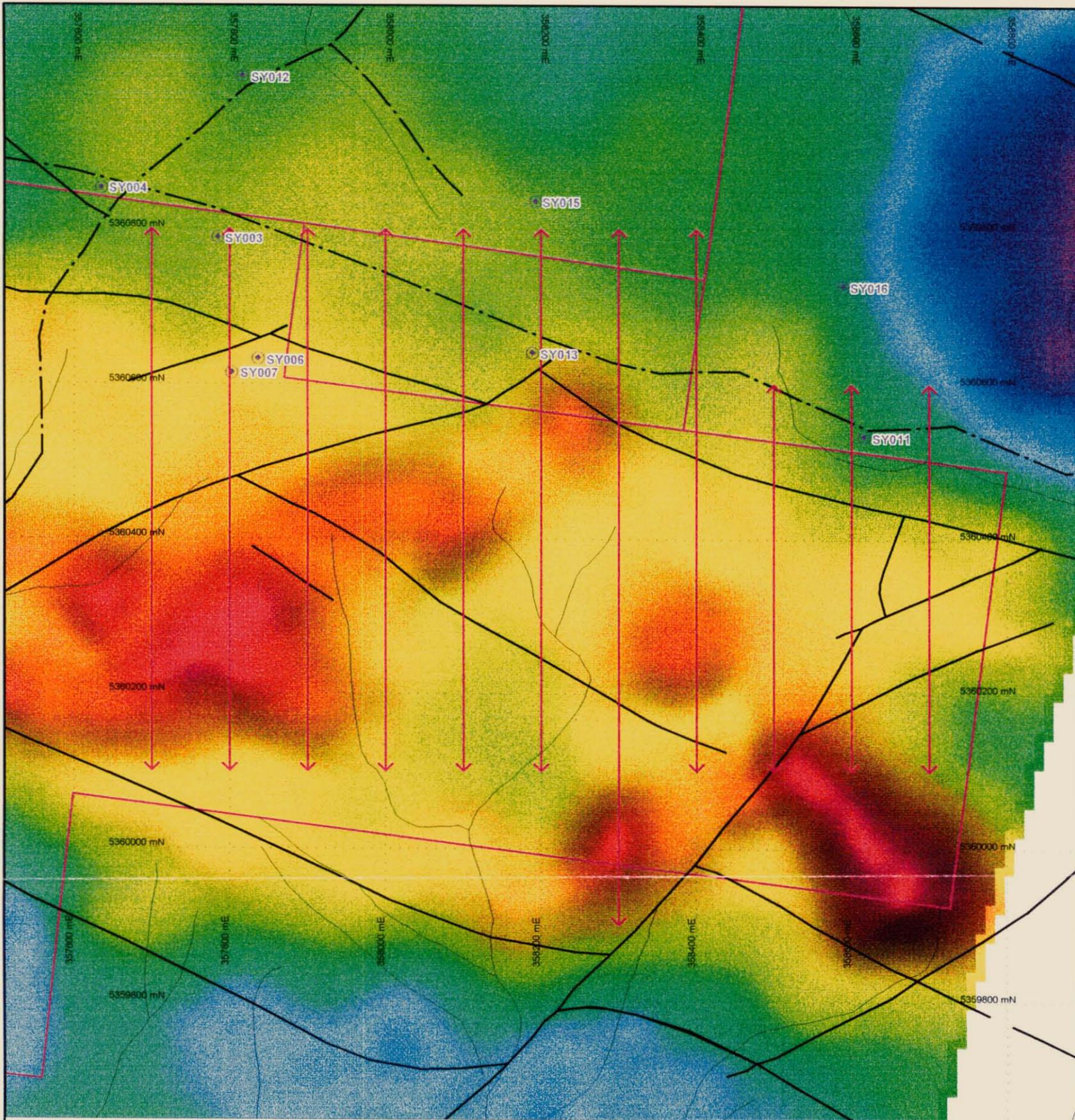
A helicopter EM survey was conducted by Geoinstruments using their Hummingbird system over the Comstock tenements for Bass Resources in March of 1999. The ground was flown at 50 metre line intervals in east-west (PET-018F) and north-south (PET-018E) directions giving a very detailed dataset. The data revealed many shallow conductive responses which were thought to be sourced by black shale units. Due to this conductive environment the signal from the HEM frequency domain system was not able to penetrate very deep and hence to locate any deep targets some sort of ground EM survey was required. The Balstrup Fault mineralisation was not detected by the HEM system most likely because of the considerable depth, steep dip and small size.

Renison conducted downhole EM on some of the holes that intersected the Balstrup Fault mineralisation, which was subsequently found to be conductive. EM is therefore a valid technique to detect mineralisation of this type.

From April to June 1999 a gravity survey was conducted at Comstock by Solo Geophysics for Bass Resources (PET-018F) (Leaman, 1999). This survey was quite extensive with data resolution as close as 25m in many places. The gravity showed several localised highs and also resolved the Balstrup fault mineralisation in some places however none of these local anomalies correlated with the HEM anomalies. A steep gravity gradient recorded in the southeast of the survey area was thought to be due to an as yet untested structure however no evidence of this was indicated from the drilling by Western Metals Resources.

A ground Magnetics survey was also conducted in approximately 1992 by Steve Wyatt for Renison. A large magnetic high caused by the magnetite alteration produced by contact metamorphism associated with granite is the dominant magnetic feature in the Comstock area. Modelling of the magnetic data suggested that there were two conductive bodies present a highly magnetic pyrrhotite body and a less magnetic pyritic unit. There does not appear to be much association between the magnetic data and the known mineralisation.

Magnetic data was also collected during the 1999 HEM survey (PET-018G). The magnetic data in the area of the ground EM survey is quite flat suggesting that no pyrrhotite sources are present in this area.



- ⊙ RGC DRILL HOLE COLLARS
- FAULT
- - ROAD
- ↔ Ground EM Survey Line



LOCATION MAP 1:50000



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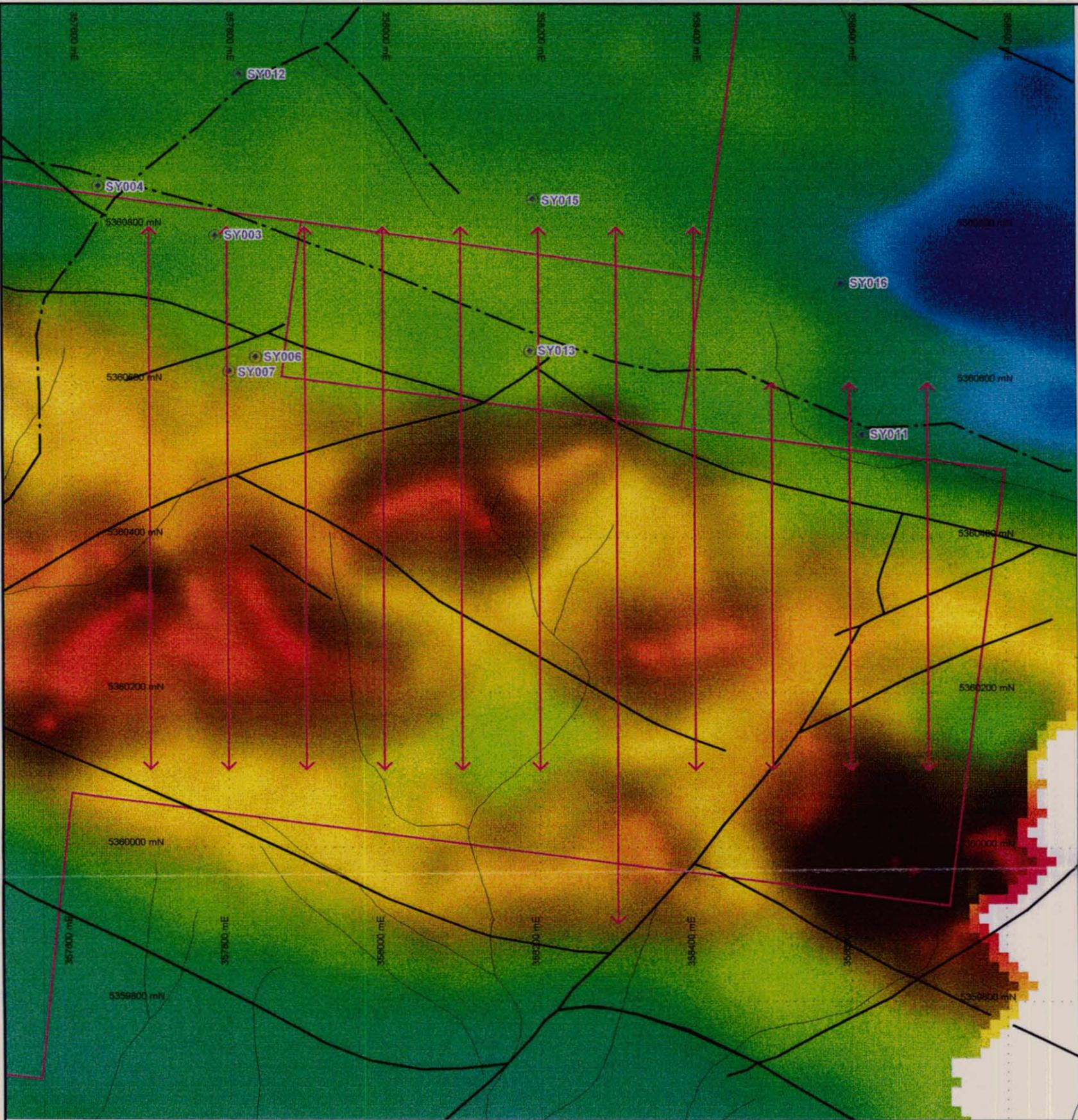
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 Bass Resources
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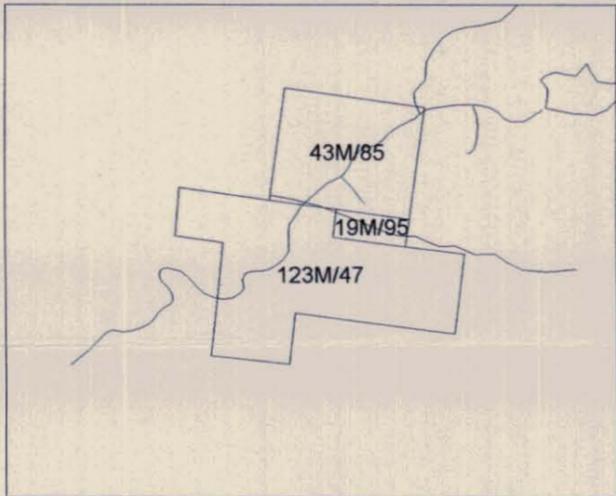
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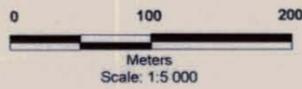
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- RGC DRILL HOLE COLLARS
- FAULT
- - ROAD
- ↔ Ground EM Survey Line



LOCATION MAP 1:50000



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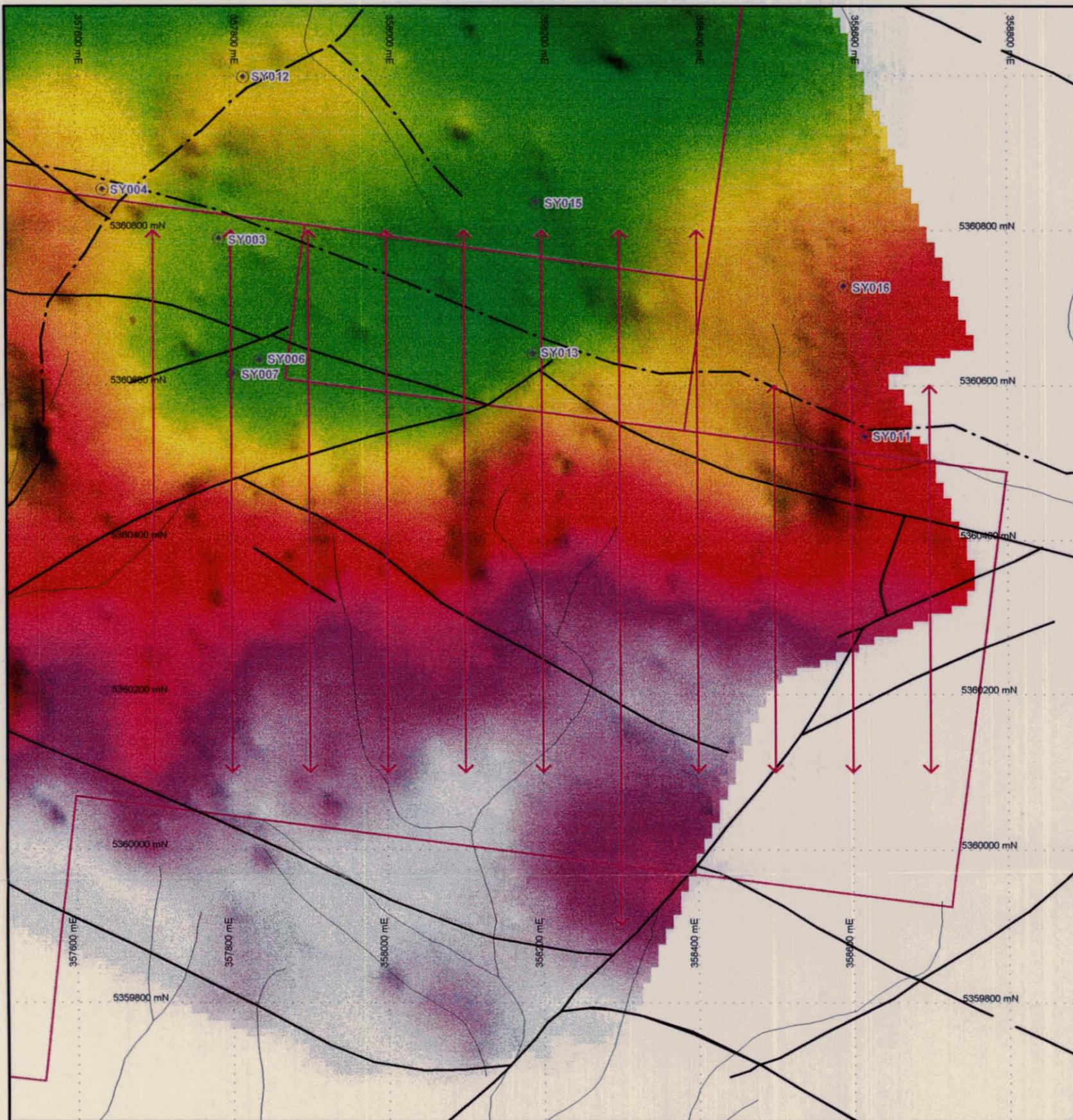
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 Property Evaluation Comstock Project
 Bass Resources
 HEM E-W Orientation Resistivity

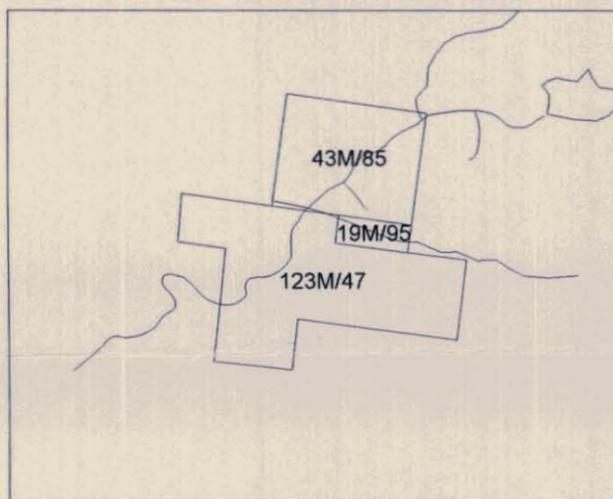
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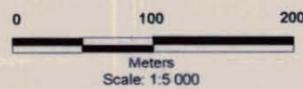
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- RGC DRILL HOLE COLLARS
- FAULT
- - ROAD
- ↔ Ground EM Survey Line



LOCATION MAP 1:50000

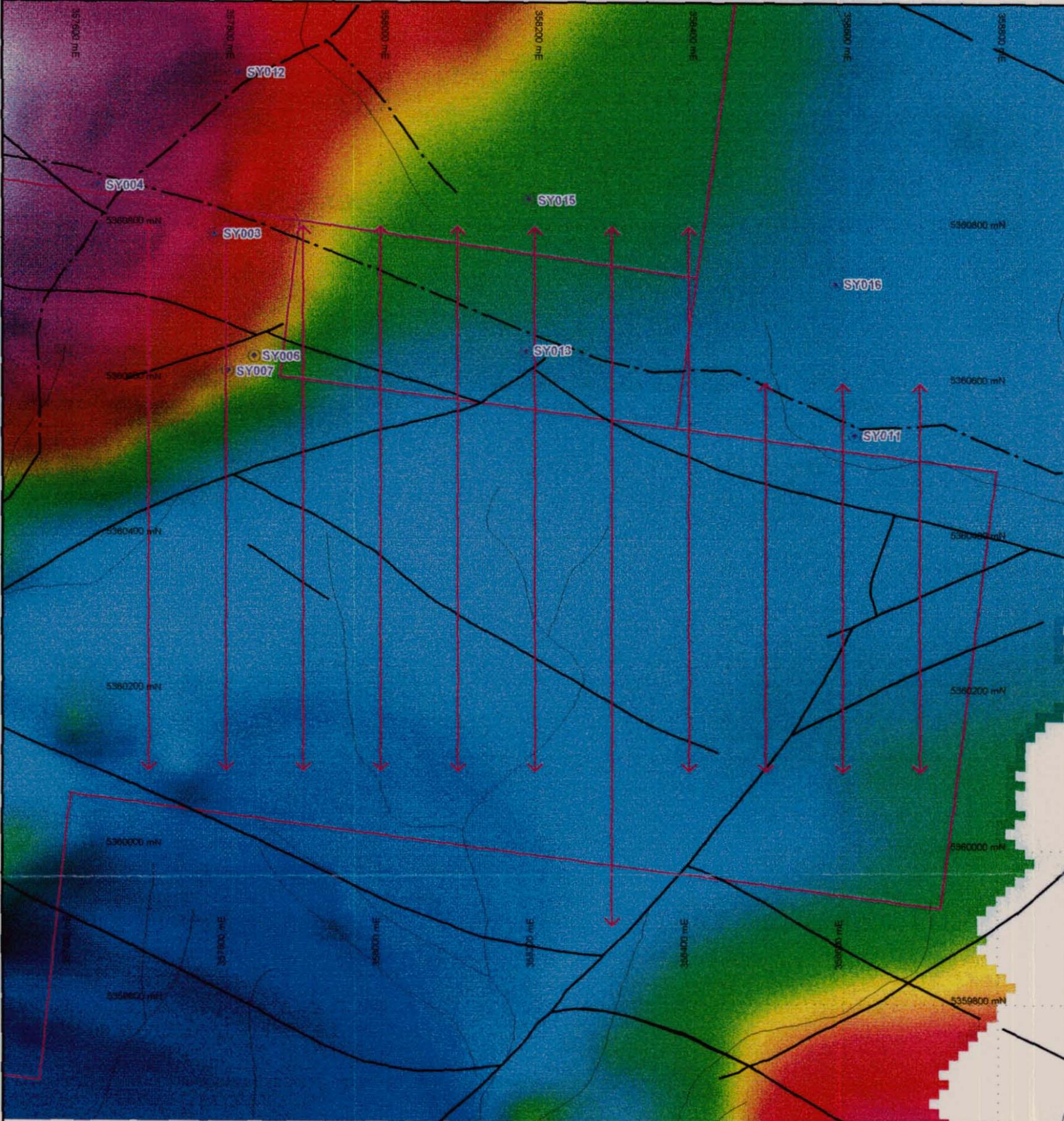


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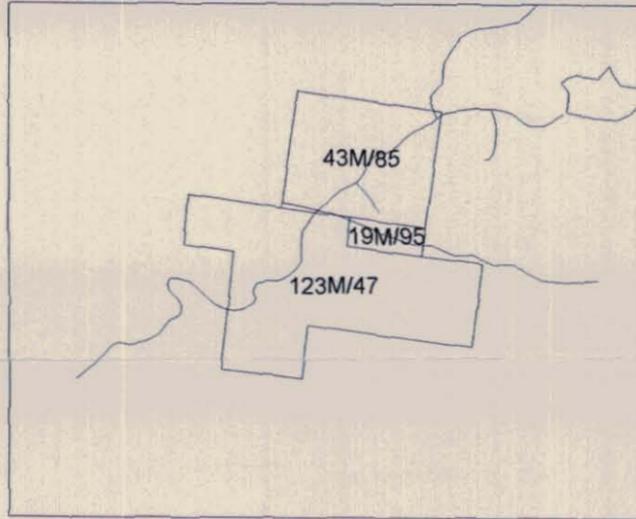
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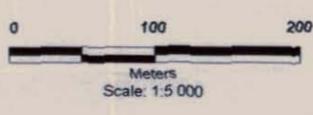
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- ⊙ RGC DRILL HOLE COLLARS
- FAULT
- - - ROAD
- ↔ Ground EM Survey Line



LOCATION MAP 1:50000



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3.2 Ground EM Interpretation

Two separate targets were tested during the 1999 Comstock ground EM survey (PET-016). The primary target was an area associated with outcropping ironstones and a steep gravity gradient, representing a possible structure. The secondary target was the Balstrup Fault along which it was hoped to detect extensions to the known Balstrup Fault mineralisation.

It was not known whether mineralisation in the primary target area would be steeply dipping or flat lying and as a result transmitting loops were used to couple with targets of either orientation. Hence loops 1 and 2 were used to couple with a steeply dipping target in the primary target region whereas loops 3 and 4 were located to couple with a flat lying target in the primary target area and also a steeply dipping target in the Balstrup Fault or secondary target area (PET-016).

Several targets which will be discussed in the next section were identified within the primary target zone however there was little response over the Balstrup Fault target area. This could have been due to the large late time amplitudes that were recorded from transmitting loops 3 and 4 which may have swamped any response from mineralisation along the Balstrup Fault, however any early time response over the secondary target should have been detected. Any mineralisation along the Balstrup Fault not detected from this survey is thought to be too small and too deep to be of interest.

A number of conductive responses were detected during this survey from all loops resulting in a complex interpretation. Different targets were identified from the various transmitting loops and so the data from each loop will be discussed individually.

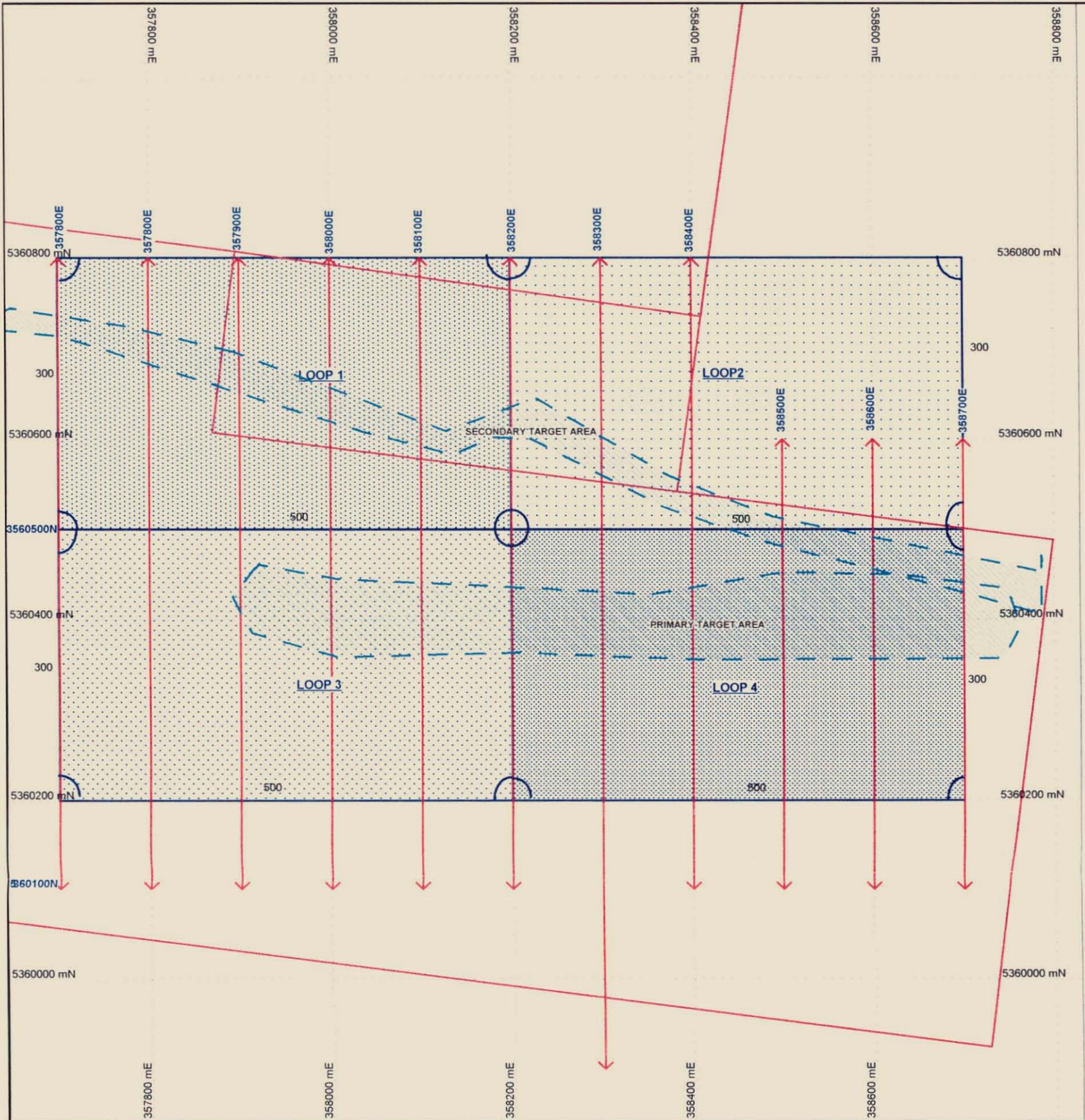
Interpretation consisted of modeling the responses recorded during the survey using a series of thin plates and using analytical signal processing to resolve the location of the targets which is discussed in another section.

Loops 1 and 2

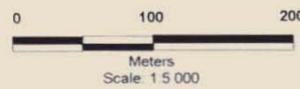
As mentioned previously, transmitting loops 1 and 2 were designed to couple with steeply dipping targets in the primary target area however flatlying targets will also be resolved in this area though not as accurately as for transmitting loops 3 and 4.

A total of five targets were identified from modeling of the loop1 and 2 data including four shallow, weakly conductive targets and a deeper, highly conductive target (figures 4a-5b). From west to east, the shallow targets consist of,

- a weakly conductive, shallowly north dipping body located at 60450N and extending from 57700E to 58000E at a depth of 75m.
- a shallow body located at 60375N, striking east-west, this body extends from 57900E to 58100E at a depth of 50m, dips shallowly to the north and is moderately conductive. This unit is intersected in hole SY017 at a depth of 70 metres and in hole SY018 at a depth of 150 metres.



LOCATION MAP 1:50000



LEGEND

-  Ground EM Transmitting Loop
-  Ground EM Survey Line
-  Target Areas
-  Drainage
-  Roads

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Tasmania - Zechan
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 Proposed Ground EM Survey Plan

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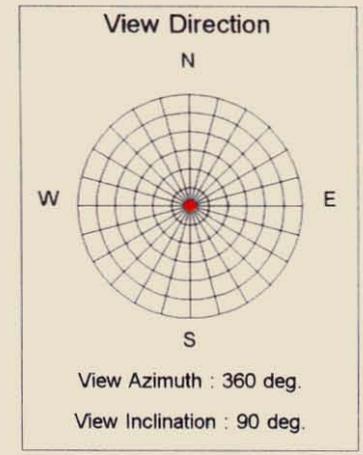
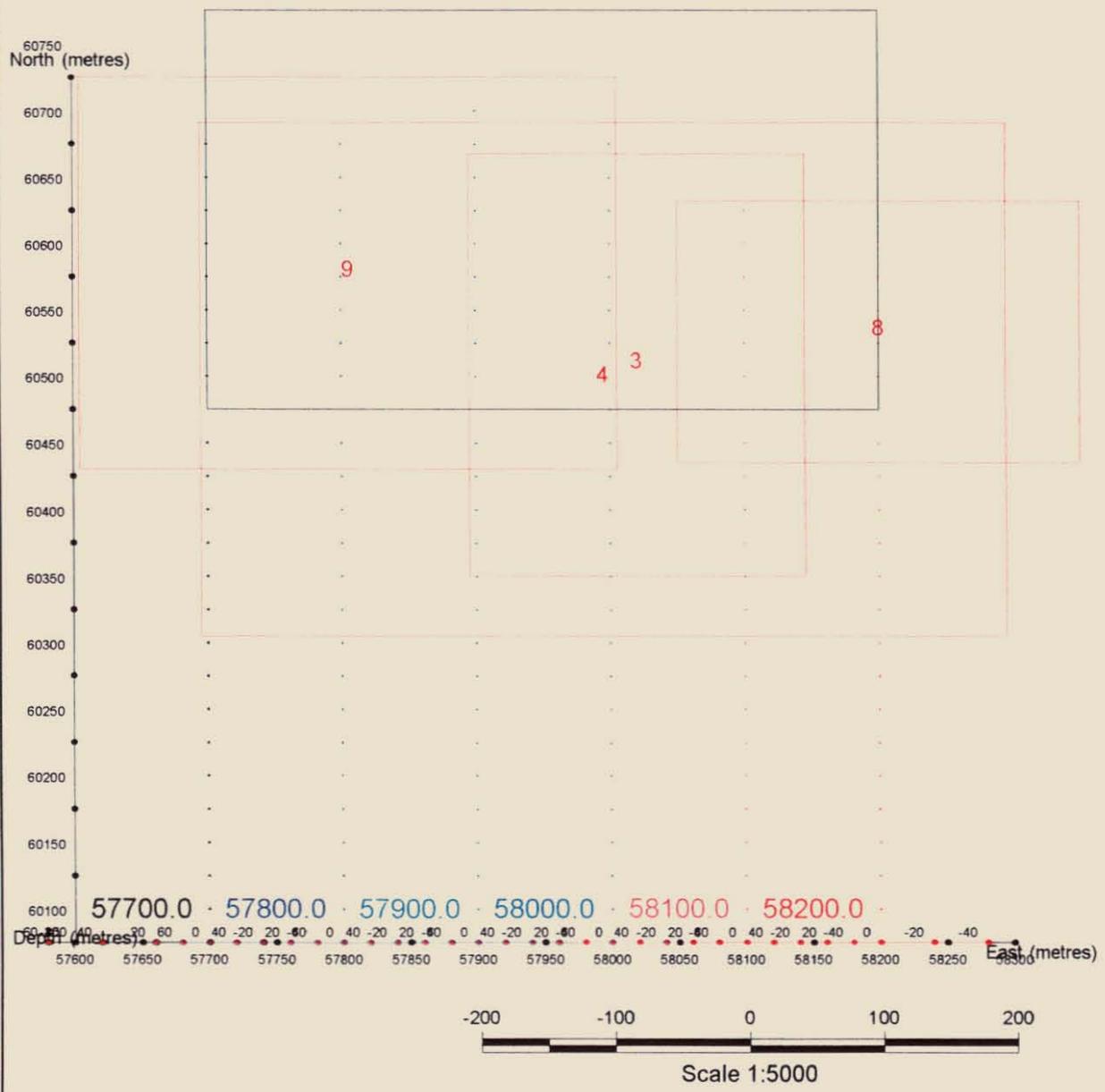


PLATE PARAMETERS

Name	3	4	8	9
X	58020	57995	58200	57805
Y	60375	60330	60460	60455
Z	-50	-200	-50	-75
Length	250	600	300	400
Depth Extent	350	400	200	300
Dip	25	15	10	10
Dip Dir.	0	0	0	0
Plunge	0	0	0	0
Cond-Th.	30.9557	200	15	15

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
PLAN VIEW
OF MODELING RESULTS
LOOP 1**

Drawn : ADT

Figure : 4a

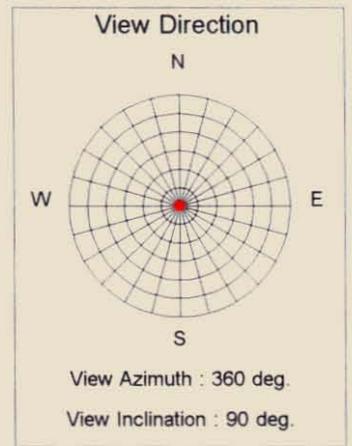
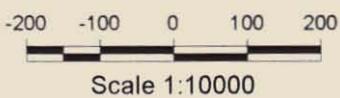
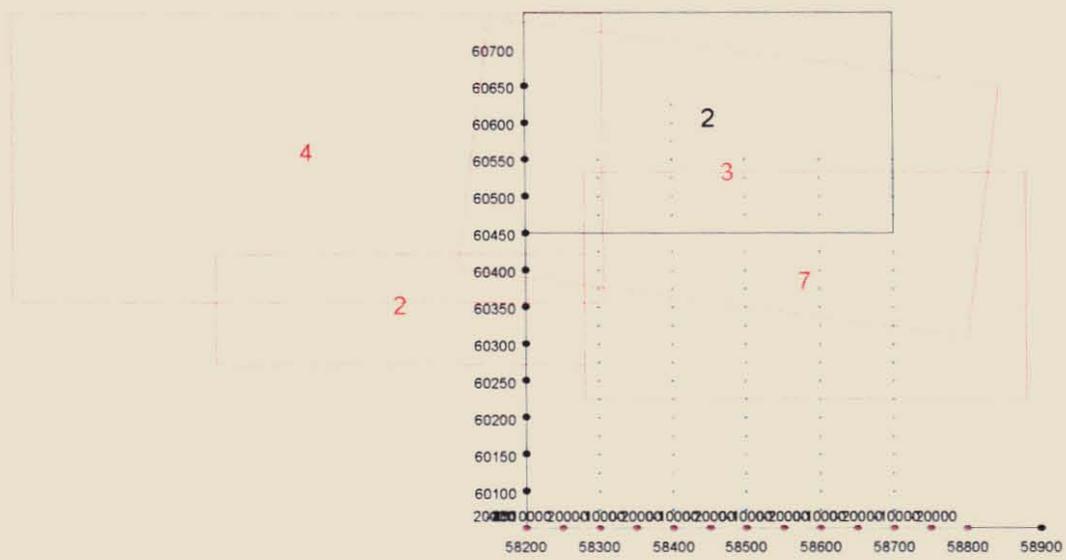


PLATE PARAMETERS

Name	2	3	4	7
X	58030	58455	57905	58580
Y	60470	60405	60405	60275
Z	-30	-50	-200	-75
Length	500	700	800	600
Depth Extent	150	350	400	400
Dip	0	10	10	40
Dip Dir.	180	17.5	0	0
Plunge	0	10	0	0
Cond-Th.	3.5	1.7557	50	70

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Comstock Prospect
Fixed Loop EM Survey
PLAN VIEW
OF MODELLING RESULTS
LOOP 2

Drawn : ADT

Figure : 5a

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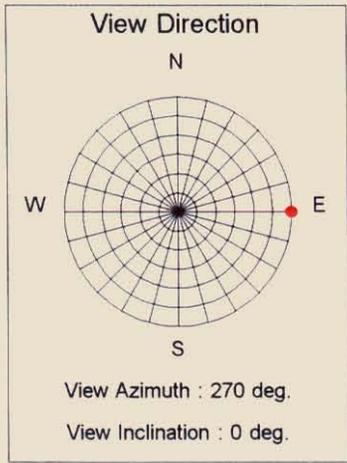
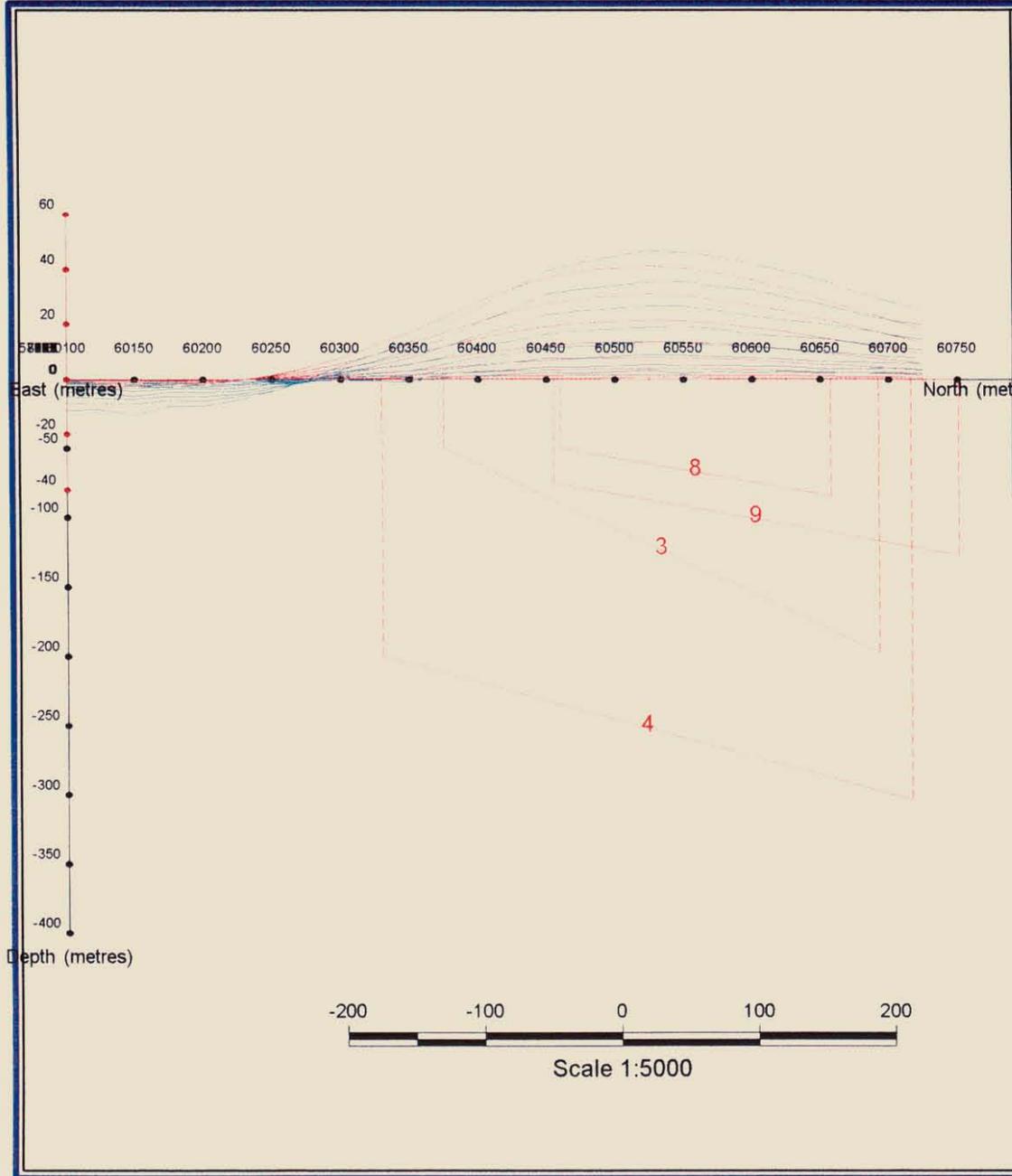


PLATE PARAMETERS

Name	3	4	8	9
X	58020	57995	58200	57805
Y	60375	60330	60460	60455
Z	-50	-200	-50	-75
Length	250	600	300	400
Depth Extent	350	400	200	300
Dip	25	15	10	10
Dip Dir.	0	0	0	0
Plunge	0	0	0	0
Cond-Th.	30.9557	200	15	15

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
LONG SECTION
OF MODELLING RESULTS
LOOP 1**

Drawn : ADT	
Figure : 4h	

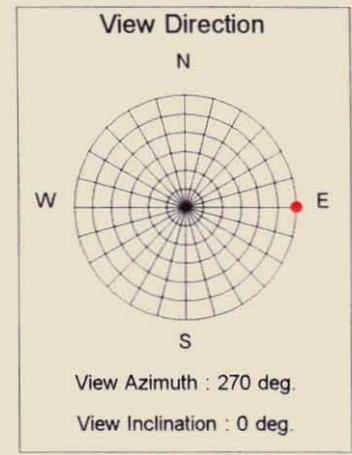
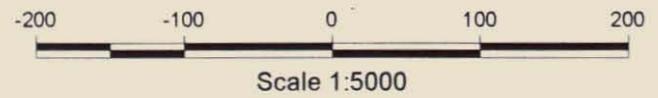
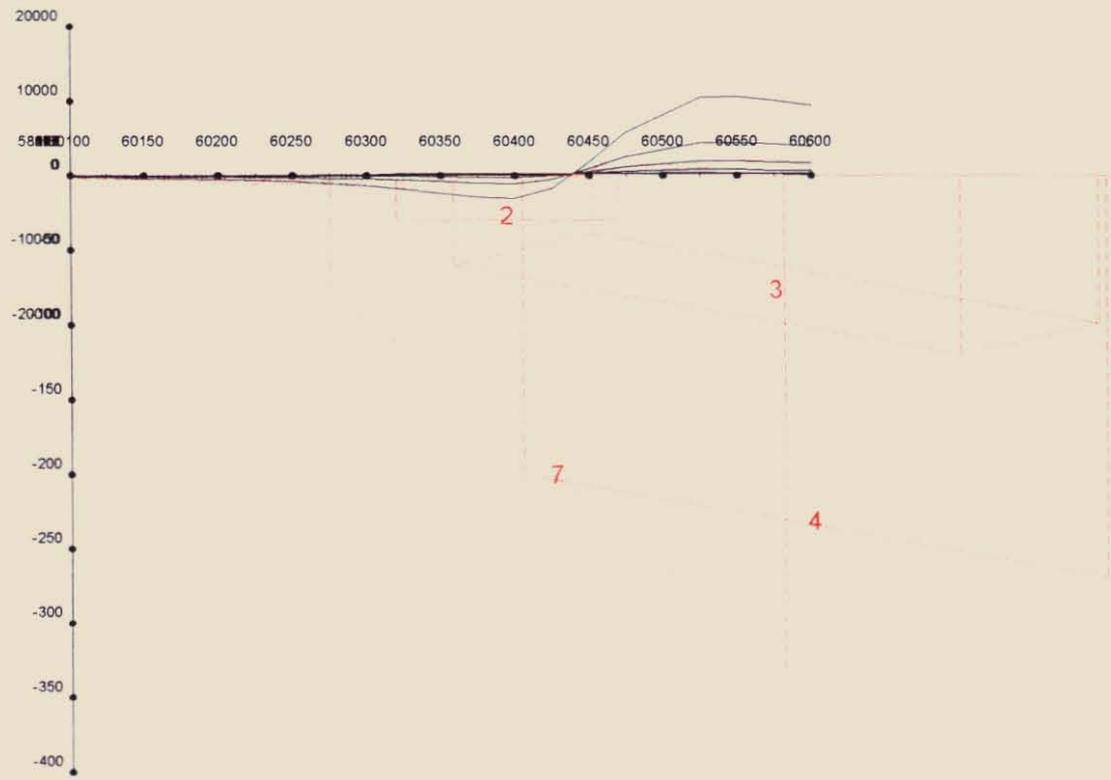


PLATE PARAMETERS

Name	2	3	4	7
X	58030	58455	57905	58580
Y	60470	60405	60405	60275
Z	-30	-50	-200	-75
Length	500	700	800	600
Depth Extent	150	350	400	400
Dip	0	10	10	40
Dip Dir.	180	17.5	0	0
Plunge	0	10	0	0
Cond-Th.	3.5	1.7557	50	70

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
LONG SECTION
OF MODELLING RESULTS
LOOP 2**

Drawn : ADT

Figure : 5b

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- a third shallow body located at 60450N, extends from 58200E to 57700E at a depth of 50m, is weakly conductive and again dips shallowly to the north. This body appears to plunge shallowly to the east.
- a fourth shallow body is located at 60275N and extends from 58400E to the east where it remains open. This moderately conductive target lies at a depth of 75 m, strikes east-west and plunges slightly to the east.

The late time response is from a flat lying, highly conductive unit dipping slightly to the north at a depth of 200m. This response is better resolved from transmitting loops 3 and 4. A mid-late time response is also visible on line 57700E and may be associated with an off-hole response detected in hole SY019. This response is complicated and is masked by other conductors in the area creating difficulties in resolving the depth and orientation of this conductor.

Loops 3 and 4

Loops three and four identified a total of 4 conductive responses including the deep, flat lying, highly conductive response observed from loop 1 and three shallow, poorly conductive units (figures 6a-7b). From west to east the shallow conductors consist of,

- a northeast striking unit at a depth of 25 metres, detected on lines 57700E through to 58100E centred at 60125N. This conductor dips at a shallow angle to the north and is weakly conductive. This unit gives an offhole response at a depth 100 metres down the hole in SY018 (figure 10a, 10b).
- a weakly conductive, flat lying unit striking east from 58000E to 58100E, centred at 60125N. This unit is weakly conductive and lies at a depth of 25 metres and was observed from transmitting loop 3.
- a weakly conductive response observed from 58400E through to 58700E at a northing of 60200N and strikes east-west. This target again dips shallowly to the north and lies at a depth of 25 metres. This response could be better representation of the body interpreted to be located at 60275N observed from loop 2.
- A fourth flat lying, moderately conductive body at a depth of 100 metres was required to fit the loop3 data from windows 16 to 23. The response at these window times could however be a combination of responses from the weakly conductive shallow units and the more conductive deeper unit. This feature was not evident in the downhole data and therefore should probably be discarded.

As mentioned previously the deep, flat lying highly conductive unit detected from loop 1 is also present in the loop3 and loop4 data however as loops 3 and 4 are better positioned to couple with this flat lying target, this target is resolved more accurately from these loops. The modeling suggests this body lies at a depth of approximately 200 metres and dips shallowly to the northeast. It is evident from lines 57700E through to 58400E and strikes to the southeast. Due to its depth the width of the body is not well resolved in the data. This conductor has been intersected in holes SY017 and SY018 and correlates with a 30 metre thick unit of graphitic shale.

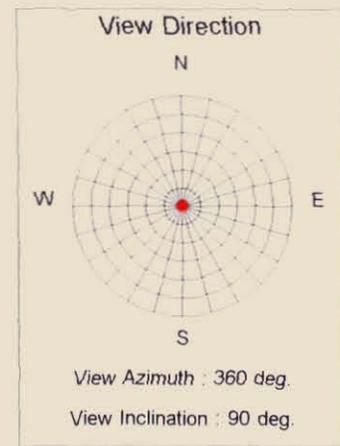
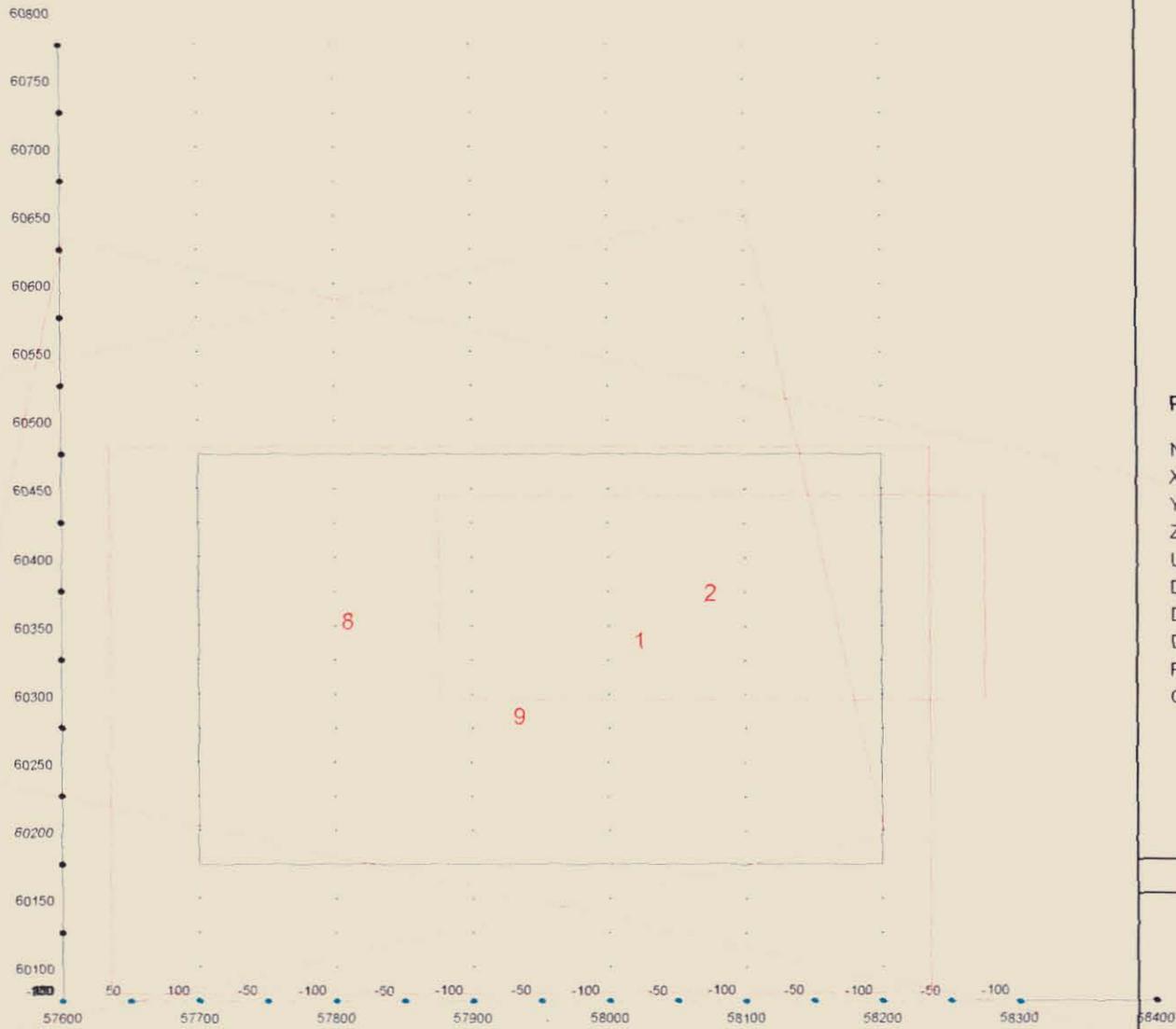


PLATE PARAMETERS

Name	1	2	8
X	57980	58075	57
Y	60165	60470	60
Z	-200	-30	-2
Length	950.5	400	70
Depth Extent	402.6	150	50
Dip	7.7	0	20
Dip Dir.	12.5	180	34
Plunge	0	0	0
Cond-Th.	200.3066	3.5	3



Western Metals Resources

**Comstock Prospec
Fixed Loop EM Sur
PLAN VIEW
OF MODELLING RES
LOOP 3**

505023

Drawn : ADT
Figure : 6a

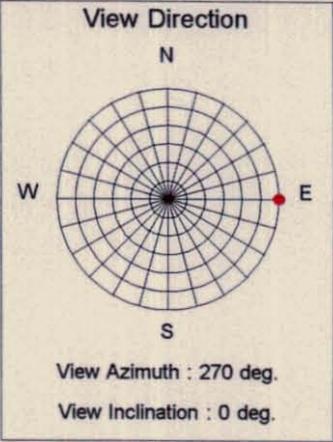
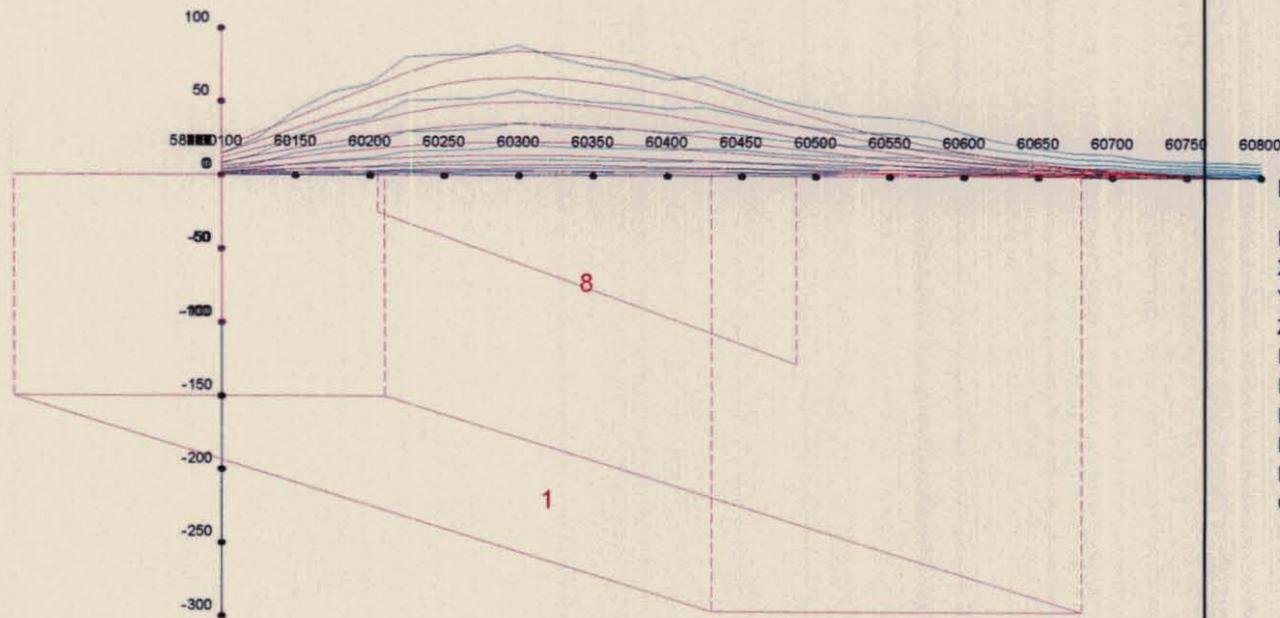
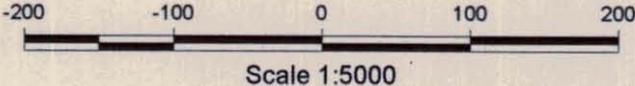


PLATE PARAMETERS

Name	1	8
X	58320	58500
Y	60085	60205
Z	-150	-25
Length	1150.5	500
Depth Extent	502.6	300
Dip	17	20
Dip Dir.	12.5	0
Plunge	0	0
Cond-Th.	200.3066	12

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
LONG SECTION
OF MODELLING RESULTS
LOOP 4**



Drawn : ADT
Figure : 6b

505024

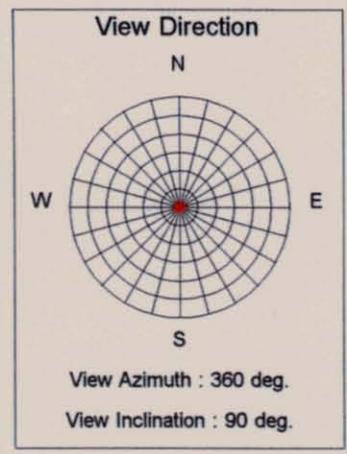
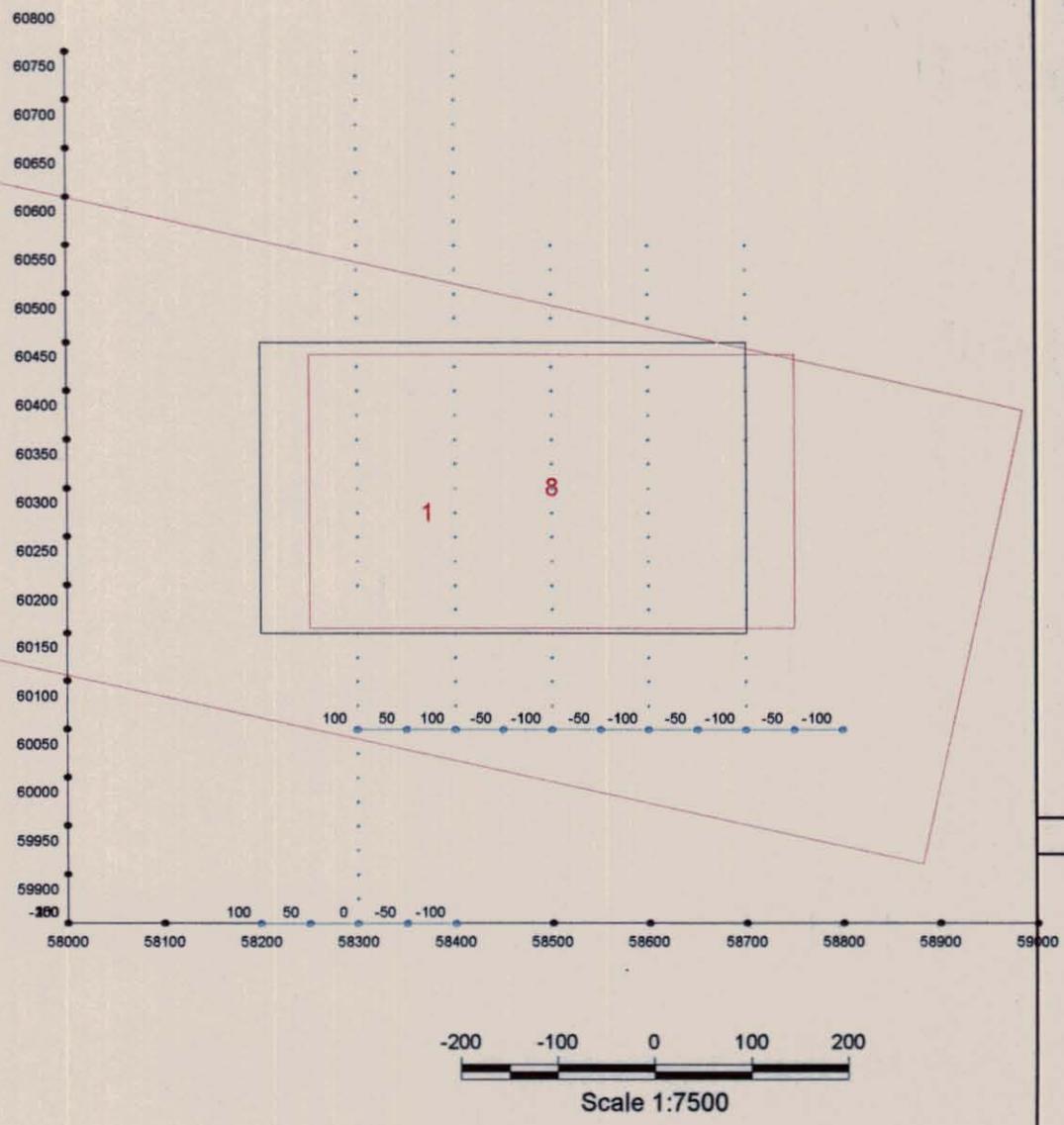


PLATE PARAMETERS

Name	1	8
X	58320	58500
Y	60085	60205
Z	-150	-25
Length	1150.5	500
Depth Extent	502.6	300
Dip	17	20
Dip Dir.	12.5	0
Plunge	0	0
Cond-Th.	200.3066	12

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
PLAN VIEW
OF MODELLING RESULTS
LOOP 4**

Drawn : ADT

Figure : 7a

505025

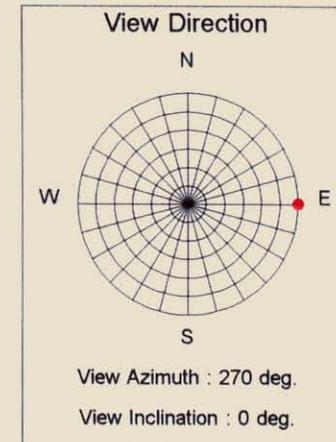
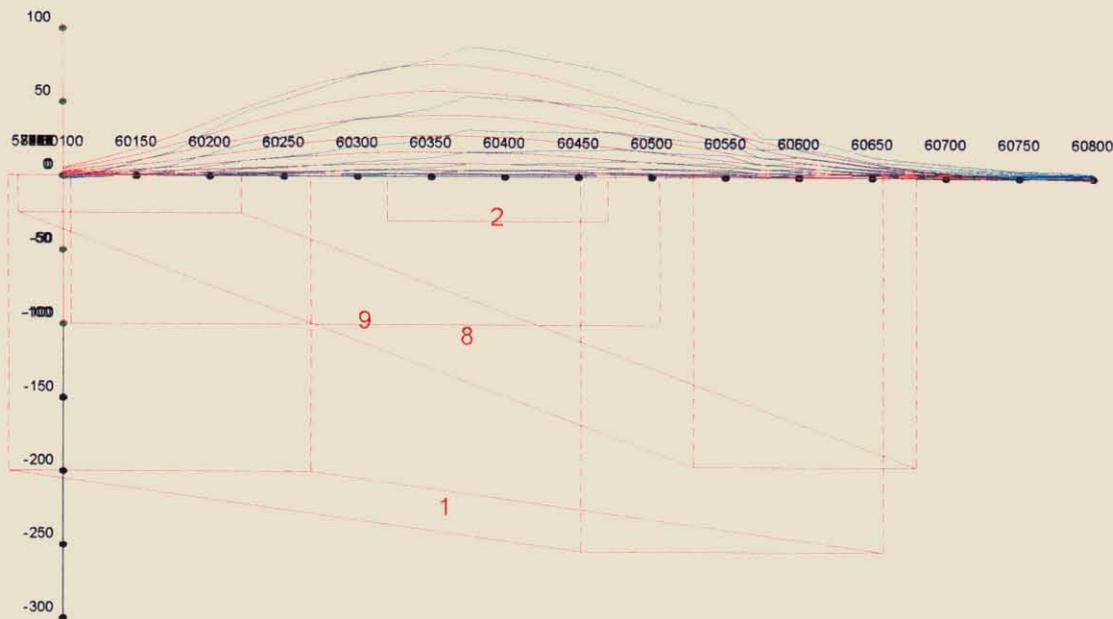


PLATE PARAMETERS

Name	1	2	8	9
X	57980	58075	57860	57935
Y	60165	60470	60145	60105
Z	-200	-30	-25	-100
Length	950.5	400	700	600
Depth Extent	402.6	150	500	400
Dip	7.7	0	20	0
Dip Dir.	12.5	180	347.5	0
Plunge	0	0	0	0
Cond-Th.	200.3066	3.5	3	15

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
LONG SECTION
OF MODELLING RESULTS
LOOP 3**

Drawn : ADT

Figure : 7b

505026

3.3 Analytical Signal Interpretation

3.3.1 Analytical Signal Theory

The analytical signal is a form of processing which uses spatial derivatives or the rate of change of the electromagnetic signal amplitude, along the survey line which can be used to identify conductive bodies. Another name for this type of processing is the derivative transformation method.

When a conductive body is charged by an electromagnetic (EM) field it emits its own secondary EM field which can be measured when the primary EM field from the transmitter is turned off. The variation in shape of this secondary field or response as the sensor passes over the conductor, reflects the orientation and dip of the conductor. The rate at which this secondary field varies or changes, reflects the depth of the conductor. The rate of change of EM signal is rapid for shallow bodies and more gradual for deeper bodies which means that the response from a shallower body can be more visible to the naked eye than for a deeper body. The response from shielded bedrock conductors therefore can be overprinted from lateral conductivity variations in the overburden and may be difficult to identify.

The analytical signal method or derivative transformation can detect small changes in slope and so is able to identify responses from conductive targets that may be missed with the naked eye. The analytical signal transformation places a bell shaped peak over the edges of a conductor if the body is shallow and the edges of the body are therefore defined in the raw EM data (figure 3.). If the body is deeper the transformation will place a bell shaped anomaly over the shallowest part or centre of the body and therefore when imaged, the transformation high marks the location of the conductive body. Shallow weathering troughs usually become obvious in the analytical signal by two edges plotting close together whereas a deeper conductor will be marked by a single peak. As a rule for steeply dipping conductors, the broader the width of this bell shaped peak, the deeper the conductive body.

3.3.2 Comstock Ground EM Analytical Signal Interpretation

The early time (channel 7) analytical signal image from loops 1 and 2 (PET-018B) appears to resolve three separate bodies which agrees to a certain extent with the loop 1 interpretation. The eastern extent of the shallow, southeasterly striking body identified from loop 2 is not picked up by the analytical signal processing however this may be a result of the reduced signal amplitudes on the eastern lines due to the plunge of the conductor. The other shallow body from loop 2 further south is resolved in the later time analytical signal data due to its increased conductivity.

The early time analytical signal image from loops 3 and 4 (PET-018C) resolves all of the shallow responses identified from the modelling of loop 3 and 4 data, including the northeast striking body in the southwest of the survey area and the small, flat lying unit at 60400N. The analytical signal suggests that these two bodies are separate and have different strike directions supporting the interpretation generated from the modelling. This agrees with the east-west oriented HEM data as opposed to the north-south oriented HEM data which suggests that these bodies are the same unit. The shallow response from loop

NUMERICAL MODEL

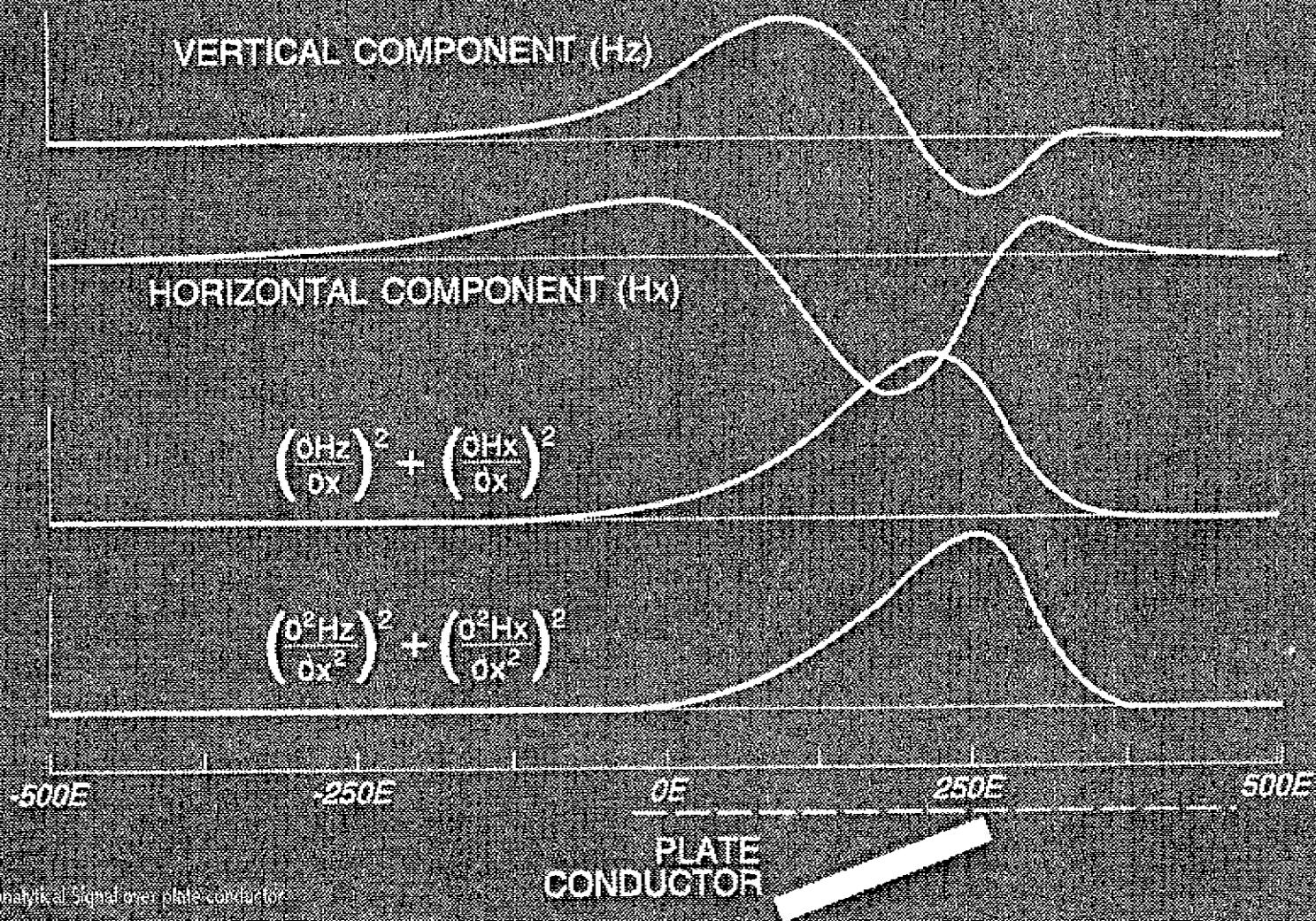
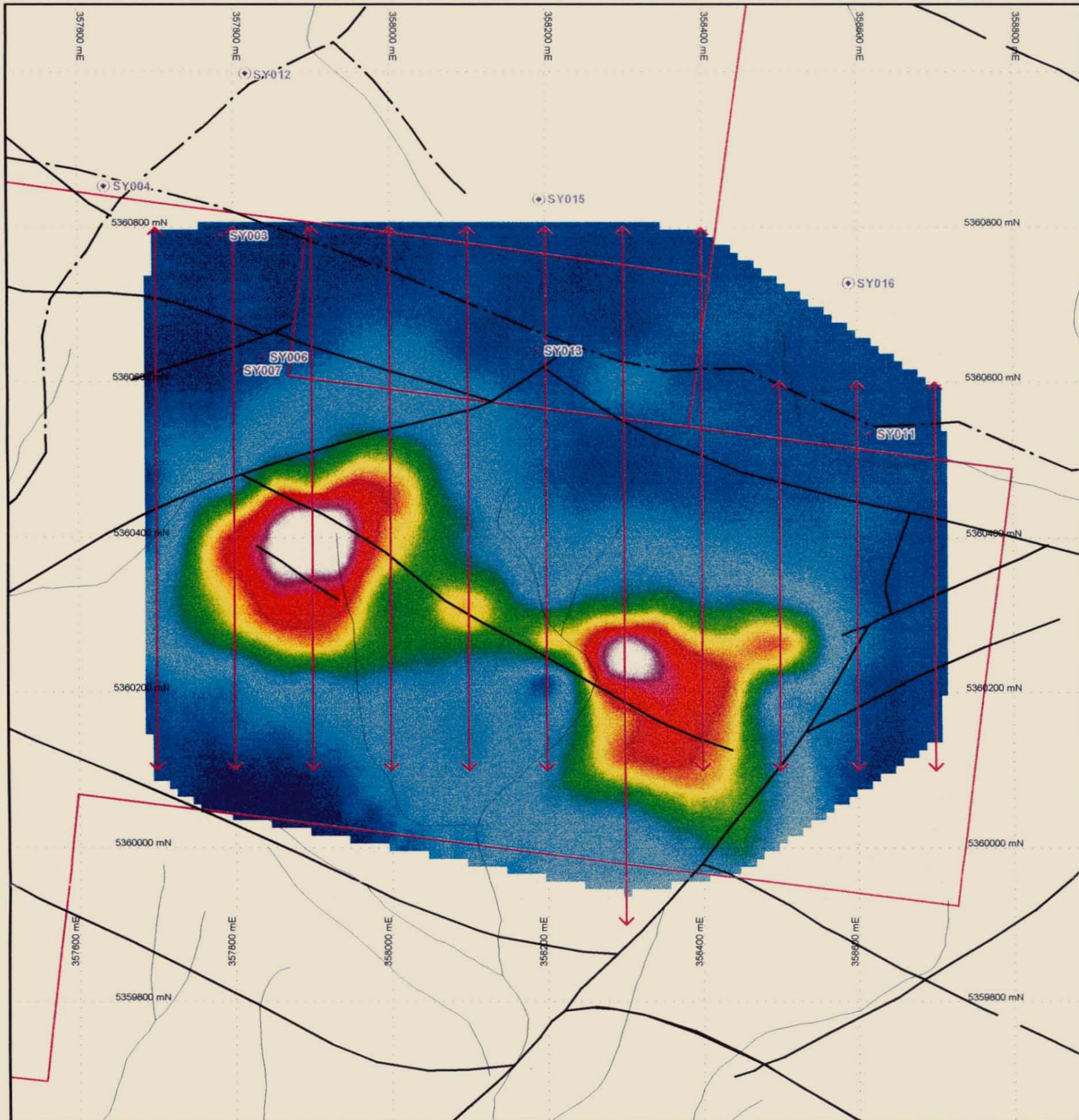
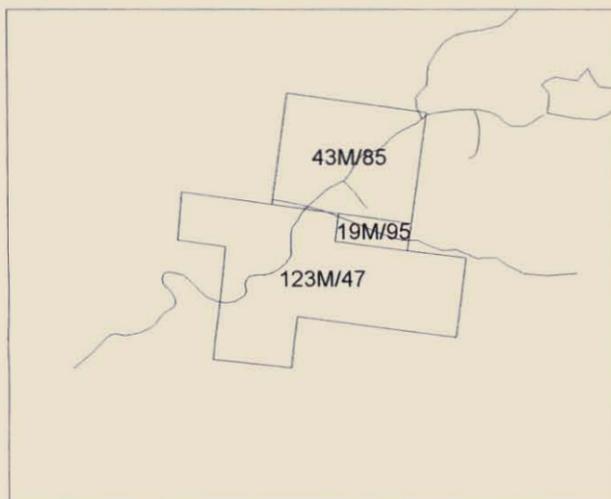


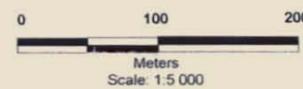
Figure 3. Analytical Signal over plate conductor



- ⊙ RGC DRILL HOLE COLLARS
- FAULT
- - ROAD
- ↔ Ground EM Survey Line
- ▲ Deep Conductor
- ▲ Shallow Conductor



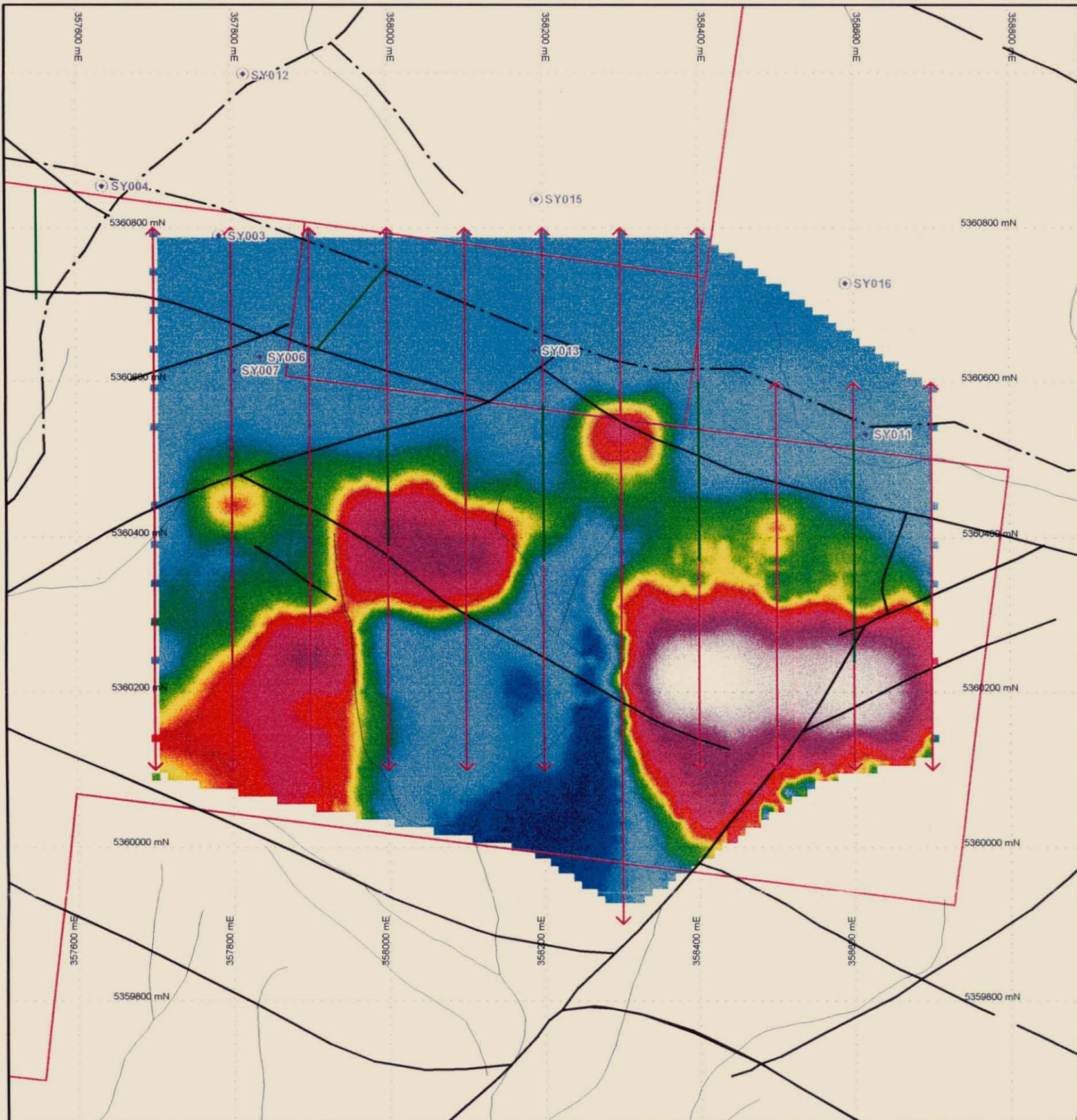
LOCATION MAP 1:50000



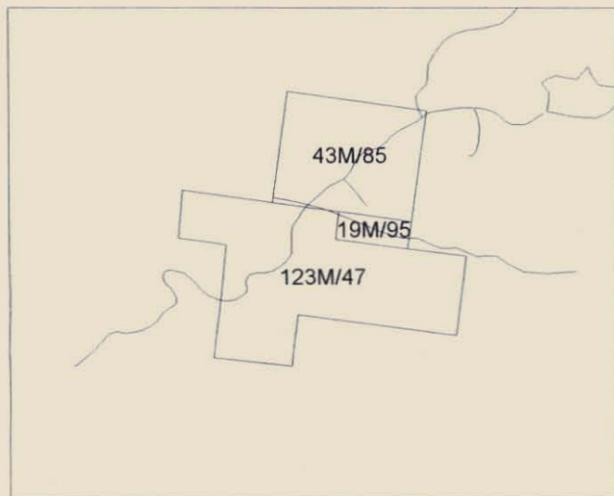
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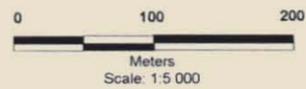
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					Date: 2/11/99
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- RGC DRILL HOLE COLLARS
- FAULT
- - ROAD
- ↔ Ground EM Survey Line



LOCATION MAP 1:50000



505030

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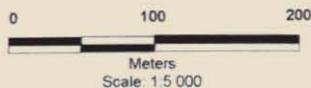
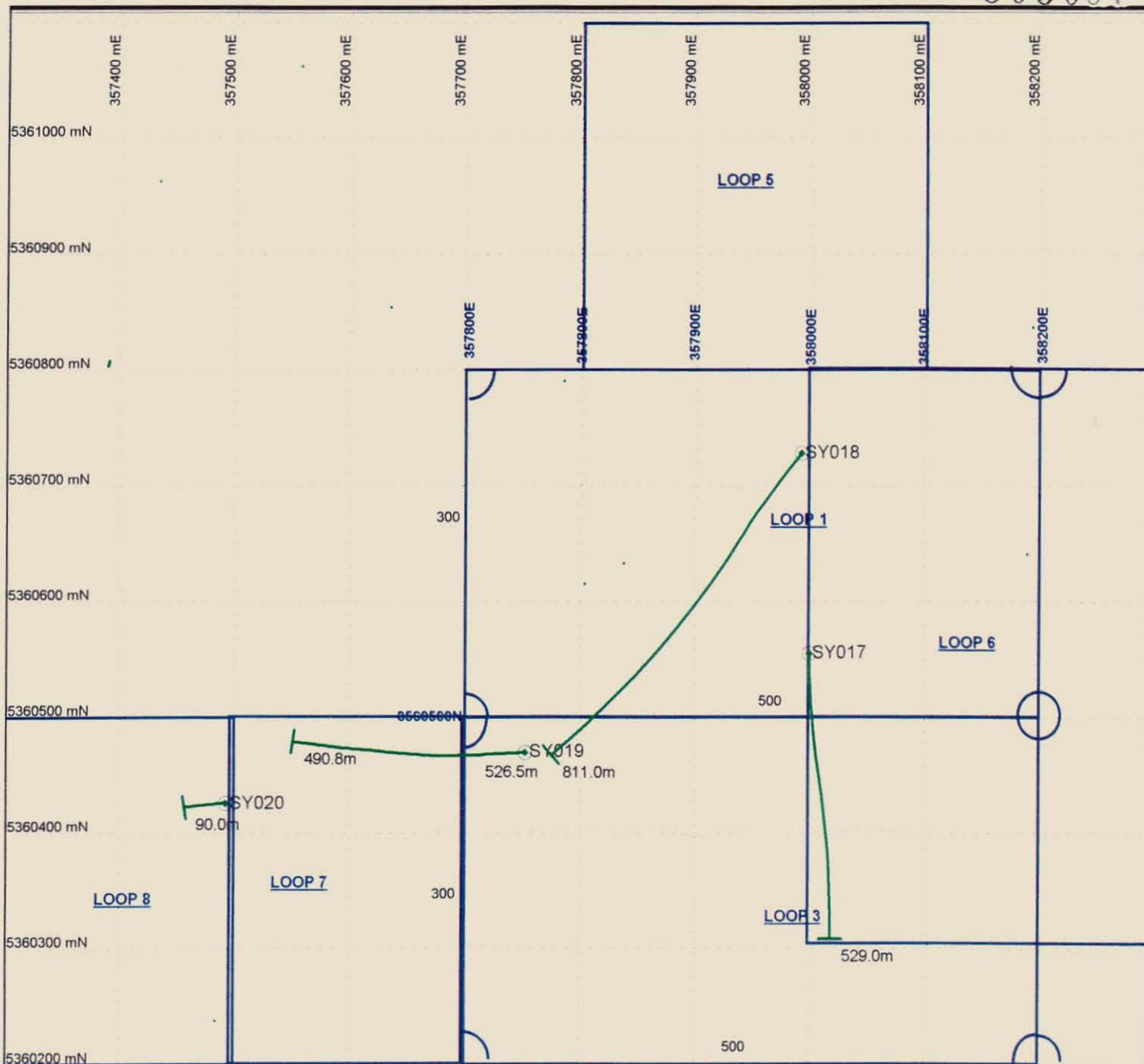
Tasmania - Zeehan
Property Evaluation Comstock Project
Bass Resources
Early Time Loop 3-4 Analytical Signal

Compiled: ADT
Printed: DJ-755CM
Office: TSV
Date: 2/11/99

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Tasmania - Zeehan
 Property Evaluation Comstock Project
 Bass Resources
 Downhole EM Survey Plan

Compiled: ADT
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 Office: TSV
 Date: 18/11/99

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Plate No: PET-017B

4 at 60200N is also well resolved by the analytical signal processing and supports the interpretation produced by the computer modelling.

The late time analytical signal from loops 3 and 4 (PET-018D) resolves the location of the centre of the deep conductive unit well. In particular the analytical signal processing has identified several areas within this deeper conductive unit, namely at 360400N on line 57900E and 360250N on line 58300E that appear to have a greater conductivity-thickness product and therefore may be of greater interest. On closer investigation however these targets however appear to simply indicate a shallowing of the shale unit at these locations and therefore should be treated with caution.

The late time analytical signal from loops 1 and 2 is similar to loops 3 and 4 late time analytical signal.

3.4 Downhole EM Interpretation

Four holes were surveyed using single component downhole EM to identify potential conductive mineralisation in the vicinity of the drillholes that has not been intersected and also to identify those units which are conductive (PET-017B).

Each hole was surveyed using several transmitting loops located to couple with the potential targets. Holes SY017, SY019 and SY020 were surveyed with two transmitting loops and hole SY018 was surveyed with four transmitting loops due to the unknown orientation of the target here.

The starting models for the downhole EM were taken from the ground EM data for holes SY017 and SY018 however as there was no ground EM cover over SY019 and SY020 and the models for these holes were started from scratch.

SY017

Hole SY017 was surveyed using transmitting loops 1 and 3 from the ground EM survey. Both holes identified a late time in-hole response at 220 m and an early time in-hole response at 70 metres down the hole. Early time, in-hole responses at 225 metres and 410 metres down the hole were also detected using transmitting loop 3 (figures 9a-9b).

The early time response at 70 metres visible in both loop 1 and 3 data corresponds with the north dipping, weakly conductive body at a depth of 50 metres, detected from loop 1 in the ground EM data. This response correlates with a thin unit of pyritic unit.

The other, early time, in-hole response detected from transmitting loop 3 at 400 metres down the hole also has an associated off-hole response and corresponds with a unit of graphitic shale. This unit was not modeled as it was of little interest and hence will not appear on the model diagrams.

The late time response correlates with the strongly conductive, flat-lying response detected in both loops 1 and 3 from the ground EM at a depth of 200 m. This response also has a substantial off-hole component observed mostly from transmitting loop 3 which confirms that the conductor extends for some distance either side of the hole. This conductive

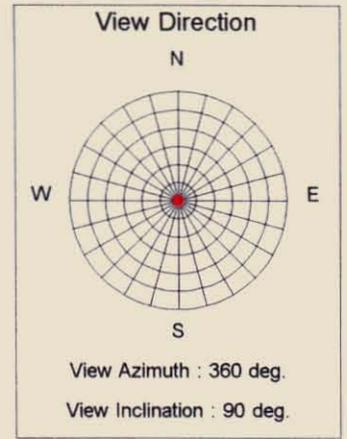
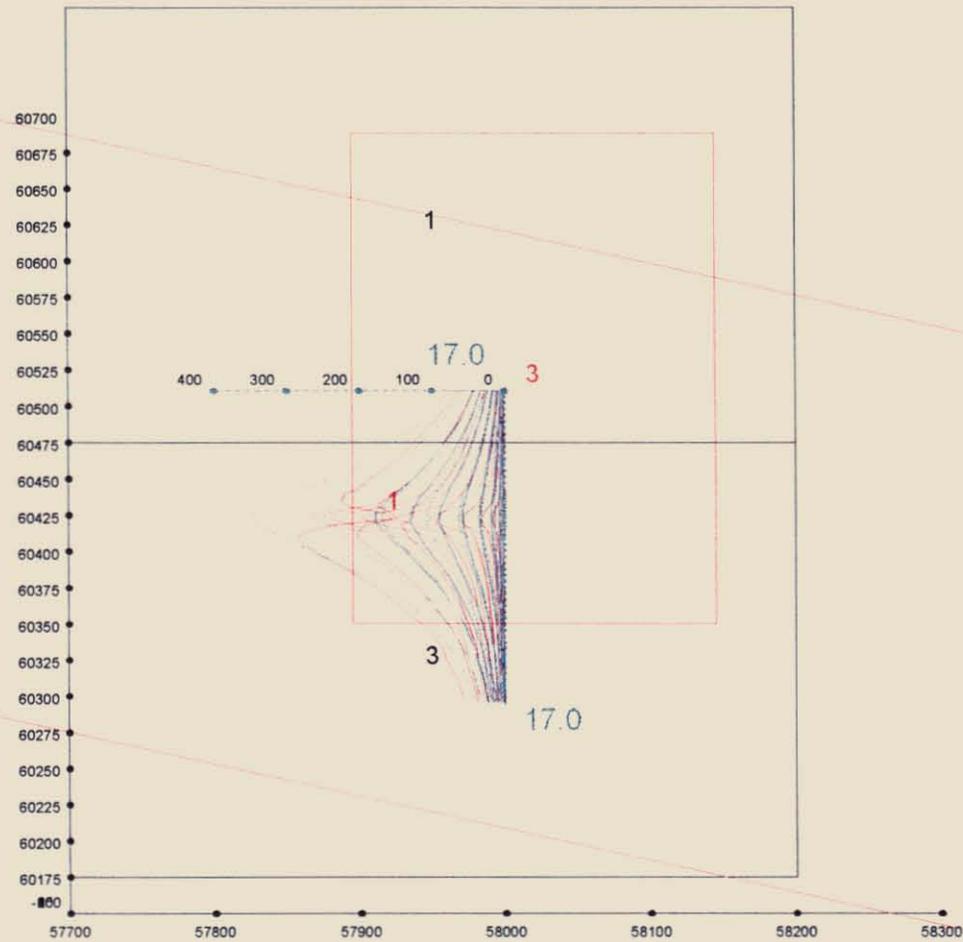


PLATE PARAMETERS

Name	1	3
X	57880	58020
Y	60260	60375
Z	-200	-50
Length	950.5	250
Depth Extent	402.6	350
Dip	0	15
Dip Dir.	12.5	0
Plunge	0	0
Cond-Th.	200.3066	20.9557

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
PLAN VIEW
OF MODELLING RESULT
HOLE SY017 - Loops 1 and 3**

Drawn : ADT
Figure : 9a

502033

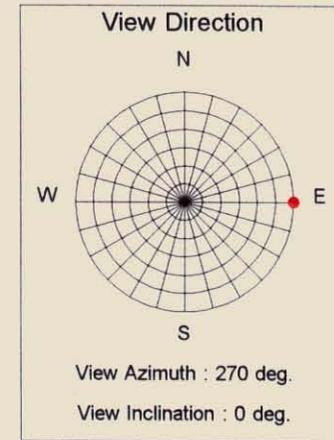
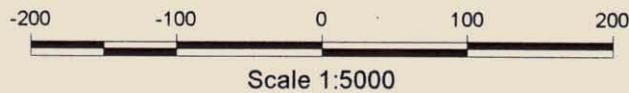
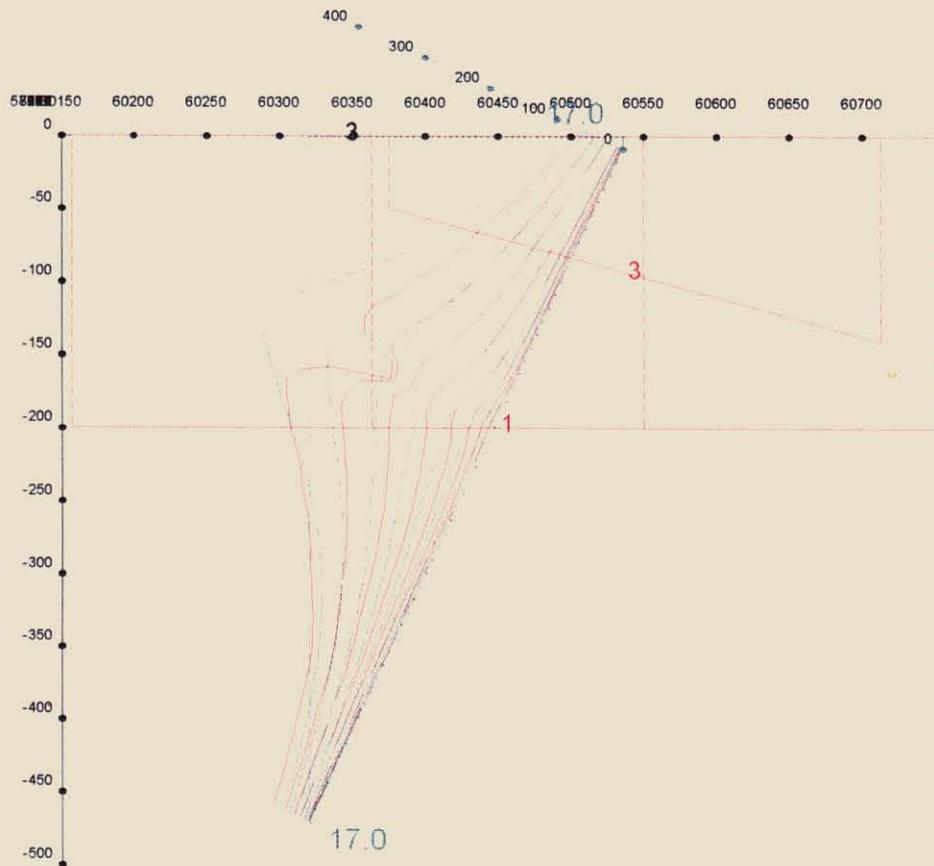


PLATE PARAMETERS

Name	1	3
X	57880	58020
Y	60260	60375
Z	-200	-50
Length	950.5	250
Depth Extent	402.6	350
Dip	0	15
Dip Dir.	12.5	0
Plunge	0	0
Cond-Th.	200.3066	20.9557

Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
LONG SECTION
OF MODELLING RESULTS
HOLE SY017 - Loops 1 and 3**

Drawn : ADT

Figure : 9b

505034

response at a depth of 225 metres down the hole is sourced by a thick unit (up to 30 metres) of graphitic shale and pyrite stockwork.

There did not appear to be a response from the pyrite unit at 235-245 metres down the hole which contained traces of base metals. This may be a result of this unit of up to 20% pyrite being of a similar or greater conductivity as the unit of graphitic shale above and the response would therefore be combined with or masked by the response from the graphitic shale. An alternative reason for the lack of response is that this unit has a limited strike length and therefore a minimal response.

SY018

As mentioned previously SY018 was surveyed from four different transmitting loops due to the large number of possible targets around the drillhole (PET-017B). Loops 1 and 3 from the ground EM survey were again used along with loop 5, designed to test for shallow, steeply dipping targets above the hole and loop 6, designed to test for north-south striking targets.

An early time, in-hole response were detected at 150 metres down the hole from transmitting loop 6 and an off-hole response at 100 metres was detected from transmitting loop 3. Late time in-hole responses were detected at 320 and 450 metres down the hole (figure 10a-10b) from all loops.

The early time, off-hole response at a depth of 100 metres down the hole, detected from transmitting loop 3 correlates with the shallow, northeast striking, weakly conductive unit detected from loop 3 in the ground EM data (figures 6a-6b). The early time, in-hole response at a depth of 150 metres down the hole, observed in the loop 6 data for this hole correlates with the weakly conductive, north dipping unit detected in the loop 1 ground EM data (figure 4a-4b) located at 60375N which is the unit intersected at approximately 70 metres in hole SY017. This response roughly corresponds with a mineralised skarn unit containing massive sulphide although this unit is intersected at 20 metres further down the hole. The geophysics therefore suggests that the mineralised skarn is the extension at depth of the pyritic unit intersected in hole SY017 at a depth of 70 metres. The skarn may however be a separate unit altogether which would require the pyritic unit intersected in SY017 to have a limited depth extent.

The difference in the location of the in-hole conductor with respect to the intersected skarn may be due to problems encountered in measuring the depth of the probe down the hole. It is unlikely that the depth of the probe would be so far out at such an early stage however it remains a possibility.

The late time response from all loops is dominated by an in-hole feature at approximately 320 metres down the hole which has a substantial off-hole effect. There is also another late time in hole response 450 metres down the hole which has a substantial associated off-hole component.

The dominant late time response at 320 metres is again due to the flat lying graphitic shale unit detected in hole SY017 and in the ground EM. The other inhole response at a depth of 450 metres down the hole is due to a northwest-southeast striking unit which correlates

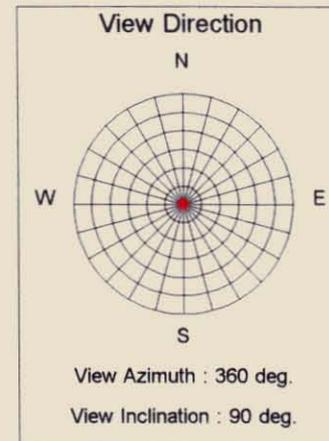
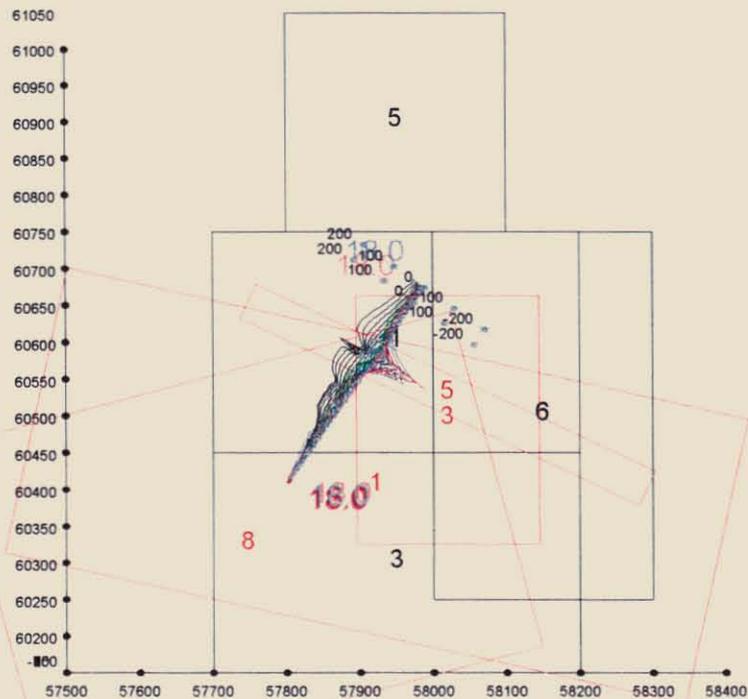
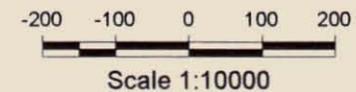


PLATE PARAMETERS

Name	1	5	8	3
X	57880	58010	57810	58020
Y	60260	60555	60145	60375
Z	-200	-400	-25	-50
Length	950.5	600	700	250
Depth Extent	402.6	150	475	350
Dip	9	70	5	15
Dip Dir.	12.5	25	345	0
Plunge	0	0	0	0
Cond-Th.	200.3066	200	3	20.9557



Western Metals Resources

**Comstock Prospect
Downhole EM Survey
PLAN VIEW
OF MODELLING RESULTS
Hole SY018**

Drawn : ADT

Figure : 10*

505036

with the intersection of a mineralised skarn unit containing 20% pyrite and 20 cm of 18% zinc.

Although the models are different for each loop, and no single model fits all loops this is a product of the variations in coupling with the different conductive bodies from the various loops.

SY019

Downhole EM was conducted down hole SY019 using transmitting loops 7 and 8 to test for both flat lying and steeply dipping targets (PET-075B).

Two in-hole responses and two off-hole responses were detected from both loops and two off-hole responses were also evident solely within the loop 8 data. Two models were put forward as interpretations of this dataset. The first model consists of two in hole responses located at 240 metres and 330 metres down the hole interpreted as two units dipping to the west at approximately 45 degrees (figures 11a-11b).

The second model suggests that the lower intersected unit dips to the east while the shallower unit remains west dipping (figures 11c-11d). This second model agrees with the geology interpreted from the drilling and is therefore the favoured model. The intersected units are quite conductive and correlate with a graphitic shale at 325 and a mineralised skarn including 2.2m @ %5 zinc equivalent at 240 metres down the hole.

Both of the models indicate that the late time off hole response detected from loop8 is the off-hole component of the in-hole response detected at 240 metres down the hole. The mid-time off-hole response, centred at 110 metres down the hole is due to an unknown moderately conductive unit dipping at 45 degrees to the west or is flatlying (model 2) at a depth of approximately 100 metres beneath the surface and 30 to 50 metres above the hole. This response is visible in the ground EM on the western most line (57700E) from loop 1 as a mid-late time response centred on 60400N. The response is masked by other conductors in the area and is difficult to interpret.

SY020

Hole SY020 was also surveyed from two transmitter locations in an attempt to couple with both steeply dipping and flat lying potential conductive targets.

A weak early time response at approximately 30 metres down the hole correlates with a graphitic shale intersection. No other in-hole or off-hole responses were detected in the EM data for SY020.

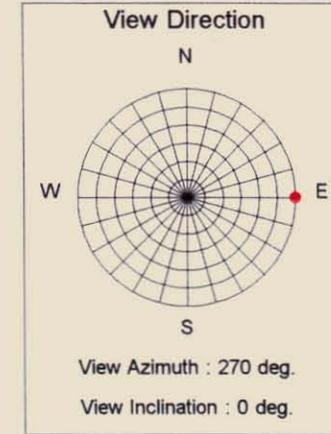
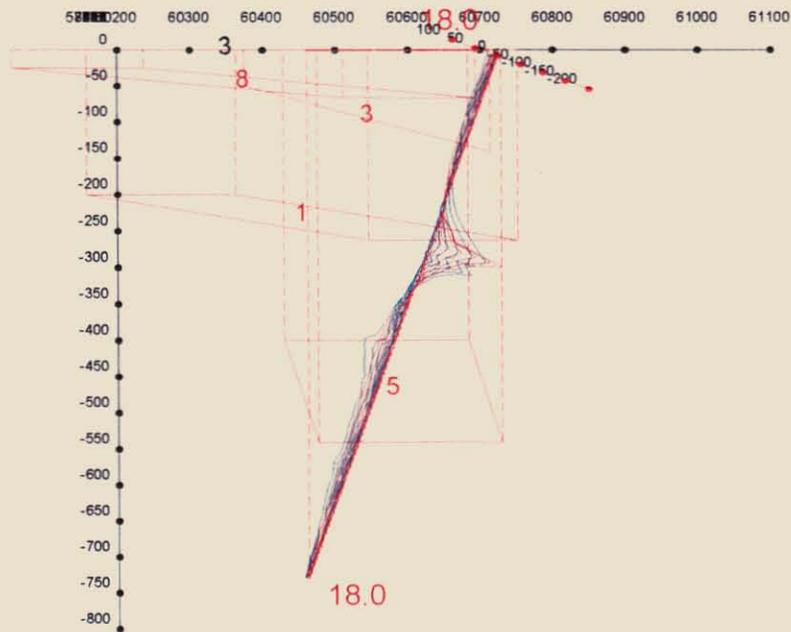


PLATE PARAMETERS

Name	1	5	8	3
X	57880	58010	57810	58020
Y	60260	60555	60145	60375
Z	-200	-400	-25	-50
Length	950.5	600	700	250
Depth Extent	402.6	150	475	350
Dip	9	70	5	15
Dip Dir.	12.5	25	345	0
Plunge	0	0	0	0
Cond-Th.	200.3066	200	3	20.9557

Western Metals Resources

**Comstock Prospect
Downhole EM Survey
LONG SECTION
OF MODELLING RESULTS
Hole SY018**

Drawn : ADT

Figure : 10b

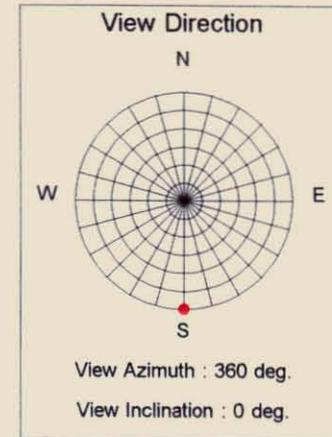
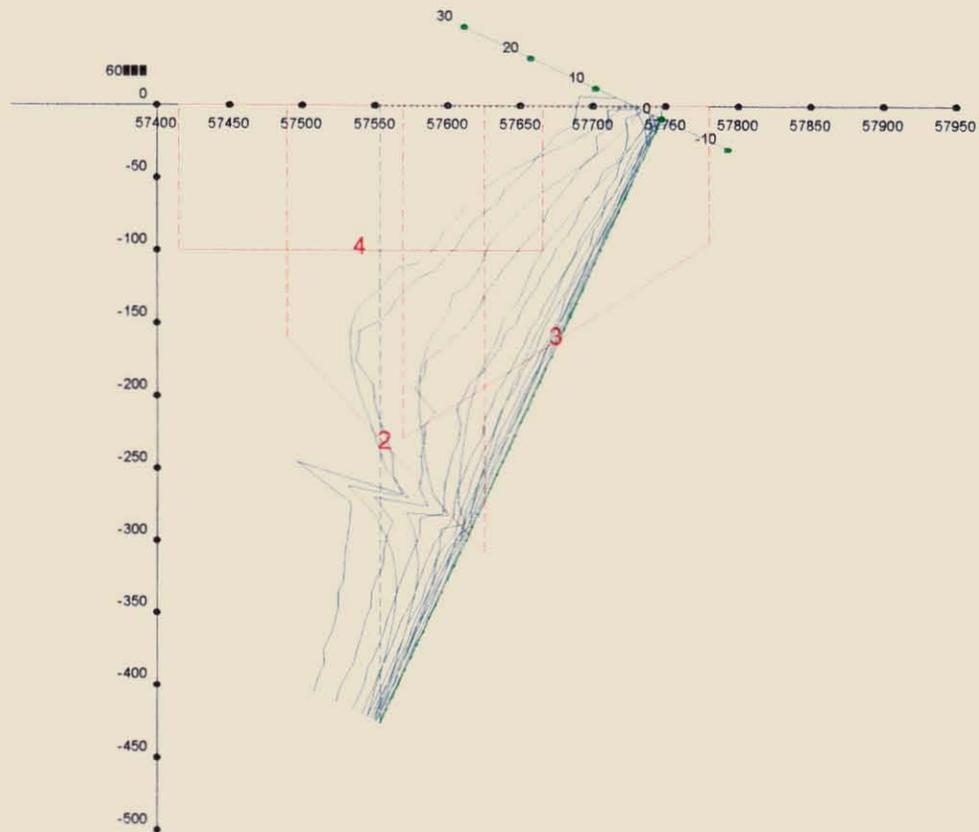
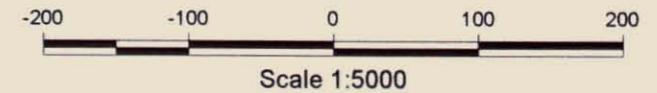


PLATE PARAMETERS

Name	2	3	4
X	57490	57780	57665
Y	60440	60440	60440
Z	-160	-95	-100
Length	200	200	400
Depth Extent	200	250	250
Dip	47.5	32.5	0
Dip Dir.	90	270	270
Plunge	0	0	0
Cond-Th.	200	200	70



Western Metals Resources

**Comstock Prospect
Downhole EM Survey
LONG SECTION
OF MODELLING RESULTS
Hole SY019 - model 2**

Drawn : ADT

Figure : 11d

650559

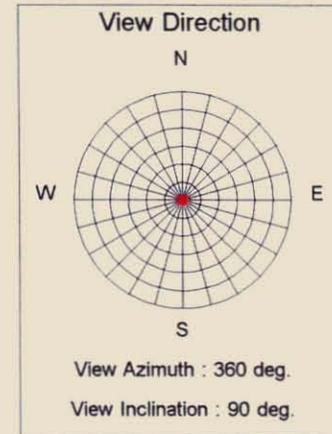
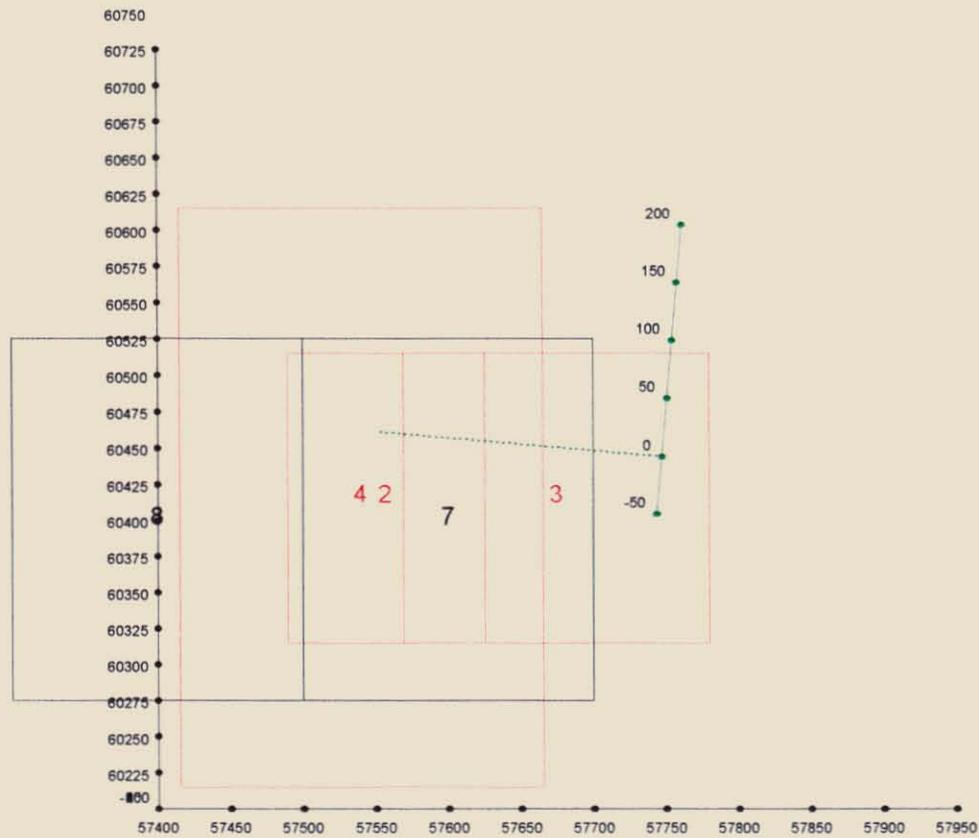
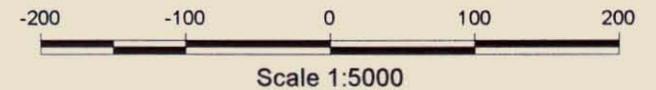


PLATE PARAMETERS

Name	2	3	4
X	57490	57780	57665
Y	60440	60440	60440
Z	-160	-95	-100
Length	200	200	400
Depth Extent	200	250	250
Dip	47.5	32.5	0
Dip Dir.	90	270	270
Plunge	0	0	0
Cond-Th.	200	200	70



Western Metals Resources

**Comstock Prospect
Downhole EM Survey
PLAN VIEW
OF MODELLING RESULTS
Hole SY019 - model 2**

Drawn : ADT

Figure : 116

505040

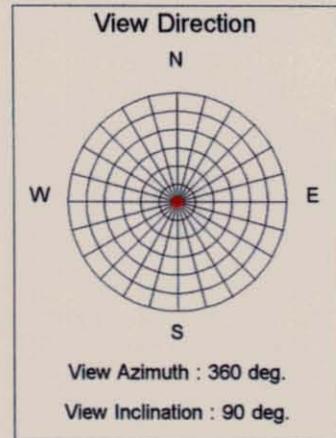
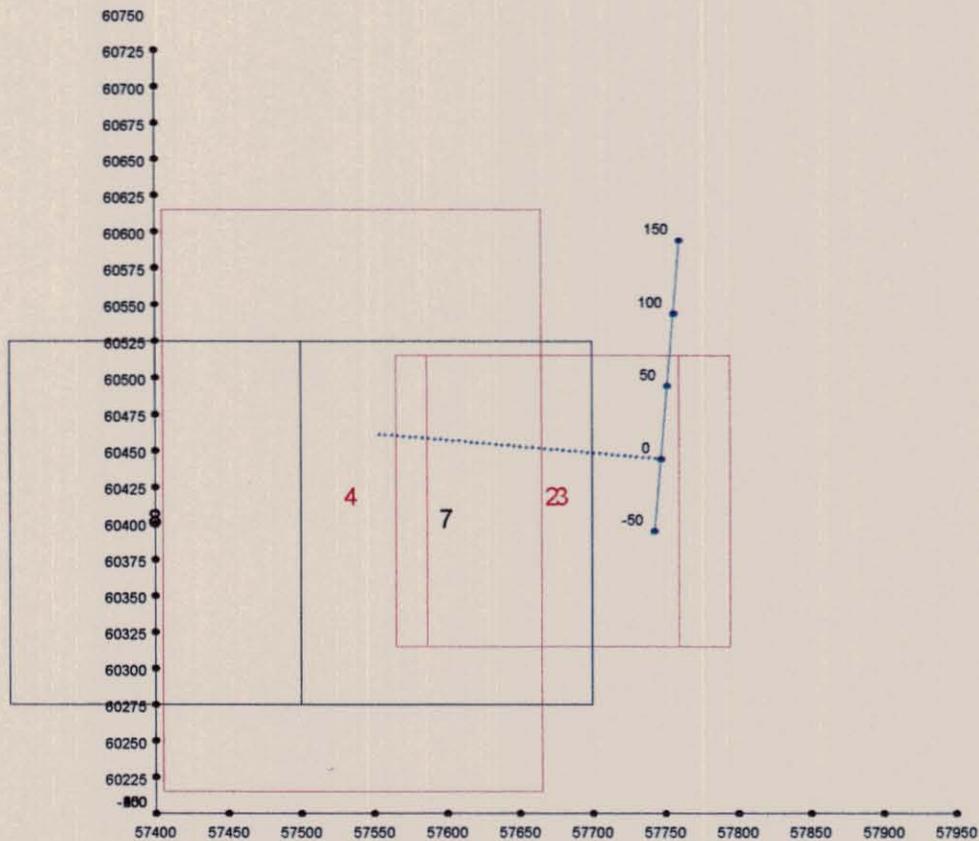
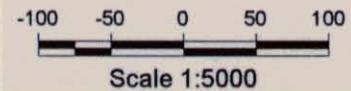


PLATE PARAMETERS

Name	2	3	4
X	57760	57795	57665
Y	60440	60440	60440
Z	-210	-105	-85
Length	200	200	400
Depth Extent	200	300	300
Dip	30	40	30
Dip Dir.	270	270	270
Plunge	0	0	0
Cond-Th.	200	150	50



Western Metals Resources

**Comstock Prospect
Downhole EM Survey
PLAN VIEW
OF MODELLING RESULTS
Hole Sy019 - model 1**

Drawn : ADT

Figure : 100

505041

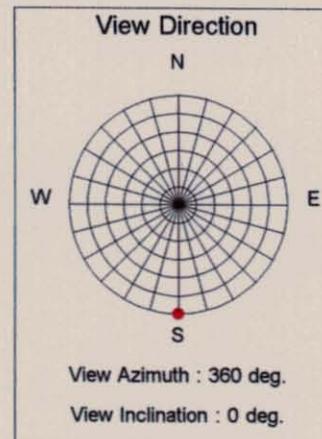
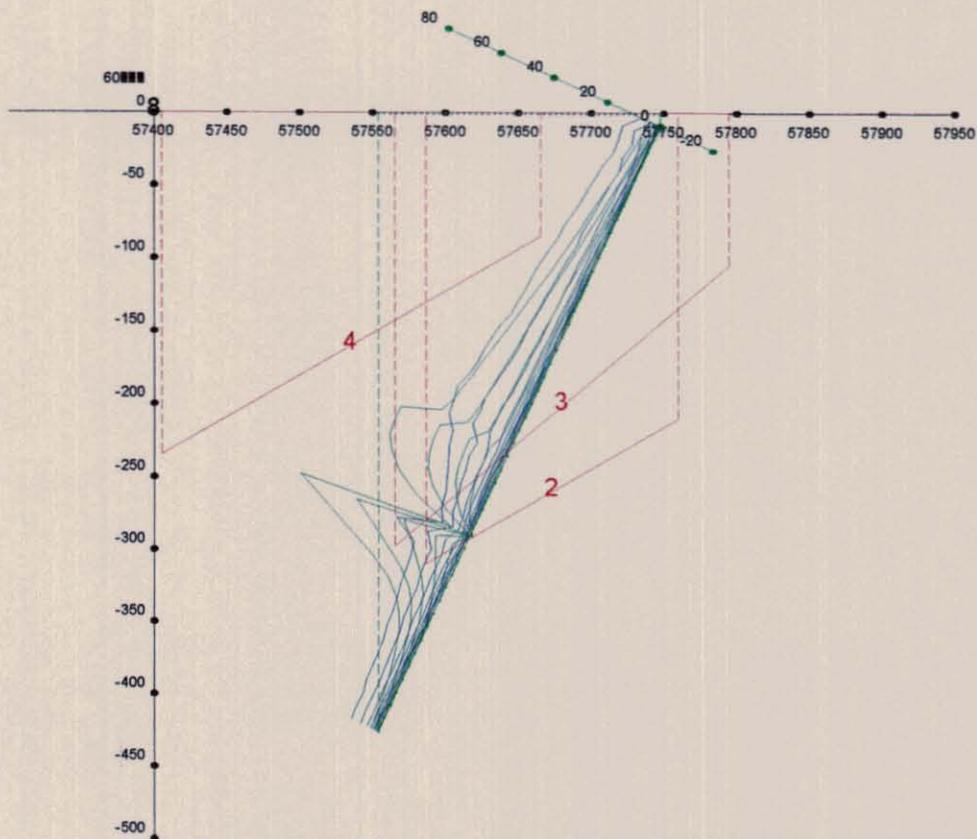
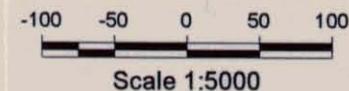


PLATE PARAMETERS

Name	2	3	4
X	57760	57795	57665
Y	60440	60440	60440
Z	-210	-105	-85
Length	200	200	400
Depth Extent	200	300	300
Dip	30	40	30
Dip Dir.	270	270	270
Plunge	0	0	0
Cond-Th.	200	150	50



Western Metals Resources

**Comstock Prospect
Downhole EM Survey
LONG SECTION
OF MODELLING RESULTS
Hole Sy019 - model 1**

Drawn : ADT

Figure : 11b

505042

4. CONCLUSION

The Comstock ground EM survey identified at least seven shallow poorly conductive responses dipping shallowly to the north and a deep, highly conductive response from a flatlying, graphitic shale unit.

One of the weakly conductive units was intersected in SY017 and SY018 drill-holes and found to be sourced by a thin pyritic unit which may contain base metals down-dip. The conductive late time conductor has been intersected in holes SY017 and SY018 and is sourced by a thick unit of graphitic shale at a depth of approximately 220 metres.

No conductive targets were identified in the Balstrup Fault secondary target zone although the strong late time response from the graphitic shale unit could have swamped any late time response from potential Balstrup Fault mineralisation. Any early time response from this target should have been visible in the dataset however.

Down-hole EM in holes SY017 and SY018 confirmed that the graphitic shale was the source of the late time response at a depth of 200 metres and that the shallow response at 60375N, 58000E was due to pyrite mineralisation. This unit however when intersected down dip in hole SY018 contains small amounts of base metal sulphides although there is some ambiguity about the location of the response from this unit.

A late time inhole response with an associated off-hole component was identified at 450m down the hole in SY018. This response was associated with a mineralised skarn unit and may be a target for further work. A second weaker, inhole and associated offhole response was detected in the early time channels of hole SY017 as is associated with a minor shale unit. No unexplained offhole responses were detected in SY017 and SY018.

Downhole EM in hole SY019 identified two late time in-hole responses and a mid-time, off-hole response. The inhole responses correlate with a west dipping mineralised skarn at 250 metres down the hole and an east dipping shale unit containing minor base metals at 325 metres down the hole. The mid-time offhole response is due to a moderately conductive unit dipping to the west between 0 and 45 degrees located 50 metres above the hole and 100 metres below the surface at 57665E, 60440N. This response remains untested and is an attractive target for further work although its relative flat lying characteristic suggests that it may be sourced by graphitic shale.

A single weak, early time inhole response associated with an intersection of graphitic shale was detected in hole SY020.

Possible targets for further work therefore consist of the off-hole response associated with the skarn unit intersected at 450 metres in SY018 and the off-hole response in SY019 located 50 metres above the hole. The highly conductive shale unit at a depth of 200 metres detected in the ground EM may host base metal mineralisation and is worthy of further drilling along strike to the east and west of SY018. The shallow, weakly conductive targets in the east of the survey area from 58200E to 57700E remain untested however are thought to be due to pyrite mineralisation.

5. REFERENCES

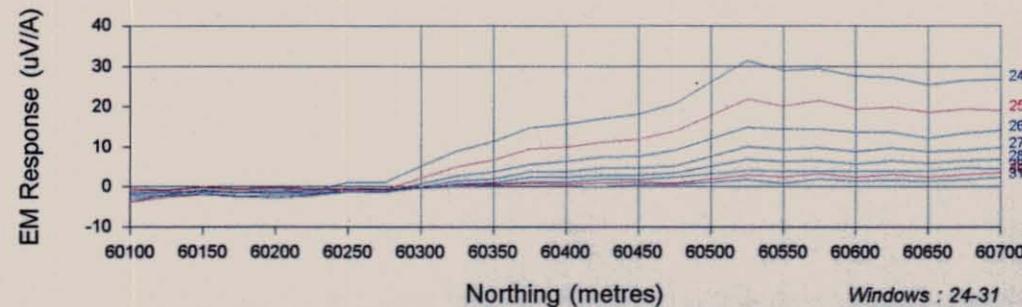
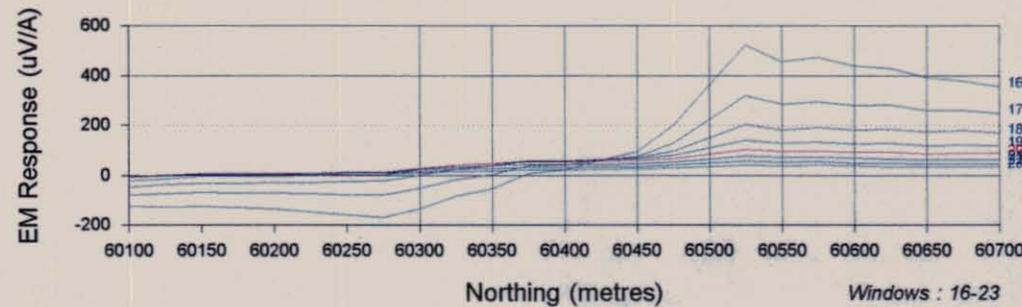
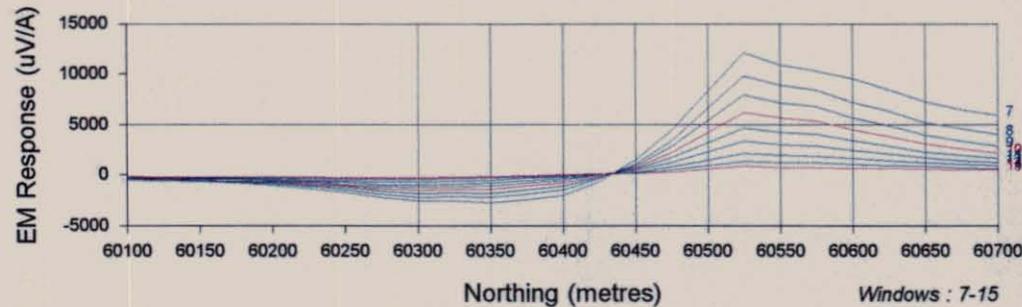
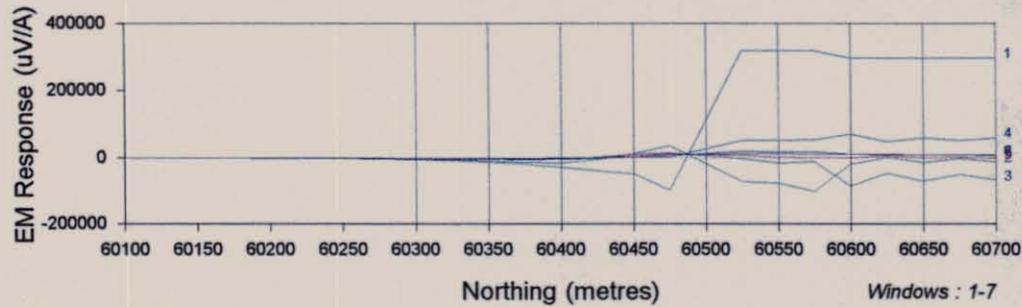
Leaman D.E. 1999 Primary Interpretation, Gravity Survey, Comstock Prospect, Zeehan,

APPENDIX 1

Ground EM Line Profiles

Comstock Prospect

Hz and Hx components



SURVEY PARAMETERS

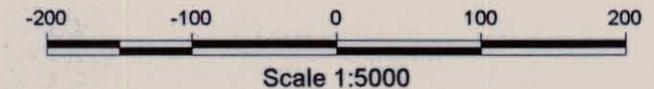
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RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z component
Rx Coil : TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 1
Tx Area : 150000m²
Tx X Loop Side : 500m
Tx Y Loop Side : 300m
Tx Turns : 1
Tx Current : 14A
Turn Off : 150 us



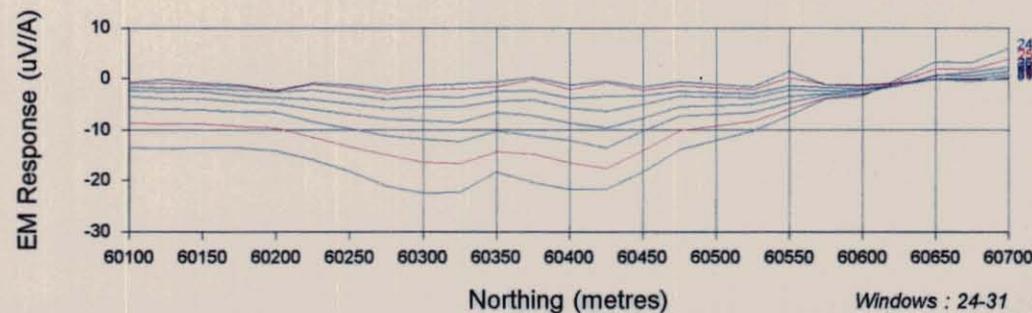
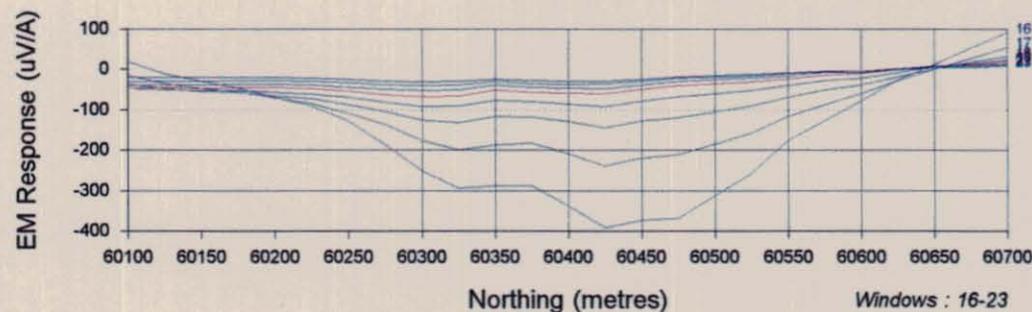
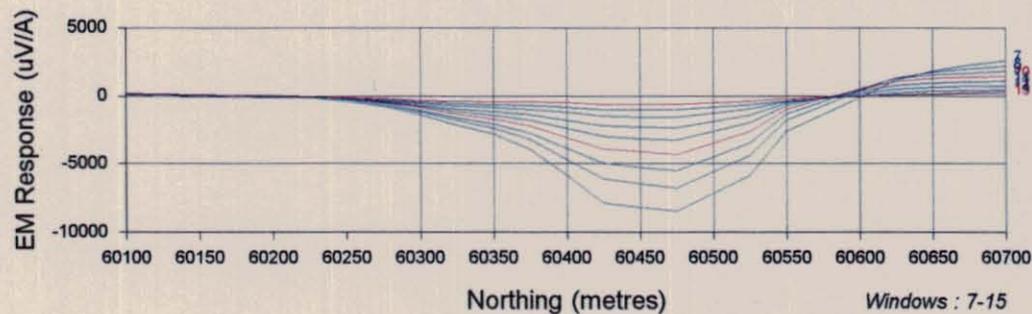
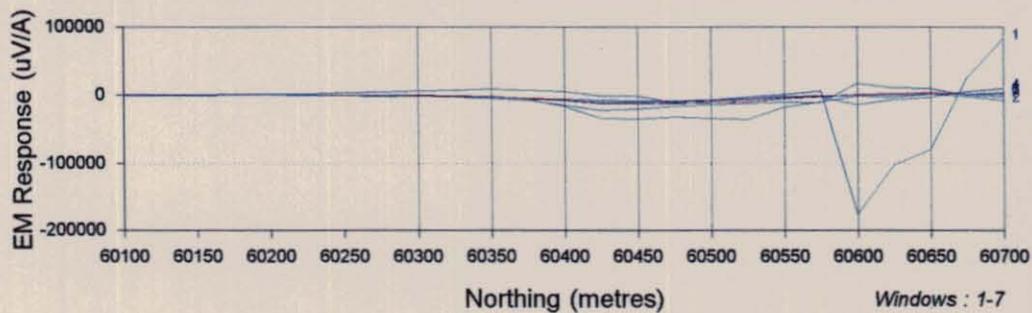
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
Z Component EM RESPONSE
Line 57700E

Drawn : ADT

Job No. :

505046



SURVEY PARAMETERS

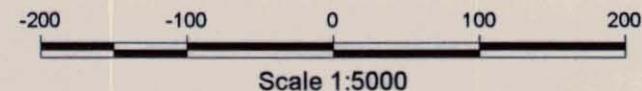
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RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X component
Rx Coil : TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 1
Tx Area : 150000m²
Tx X Loop Side : 500m
Tx Y Loop Side : 300m
Tx Turns : 1
Tx Current : 14A
Turn Off : 150 us



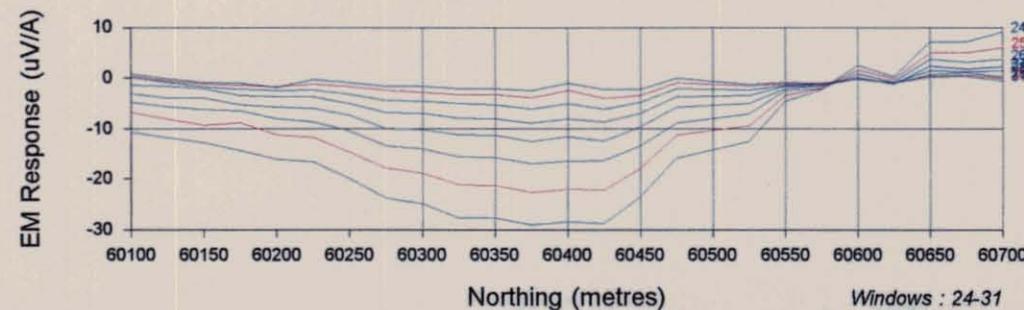
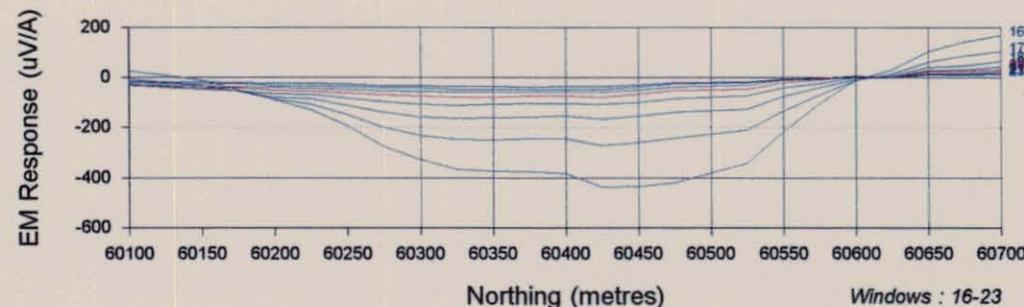
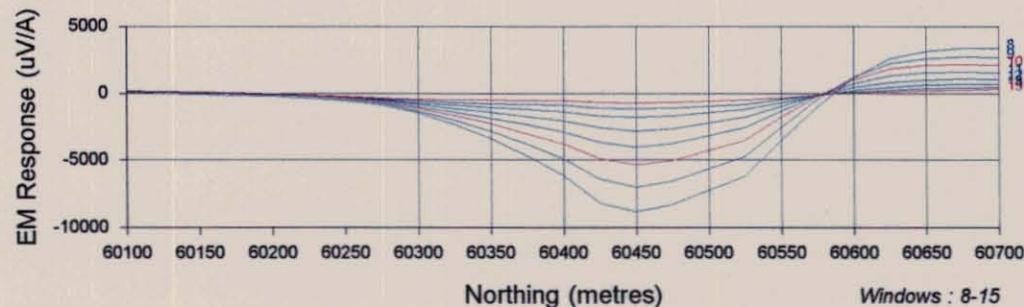
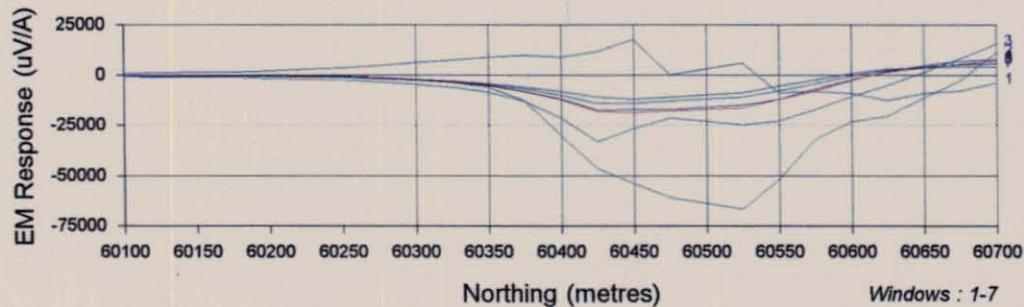
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X Component EM RESPONSE
Line 57700E

Drawn : ADT

Job No. :

505047



SURVEY PARAMETERS

Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 1
Tx Area : 150000 m²
Tx X Loop Side : 500 m
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Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



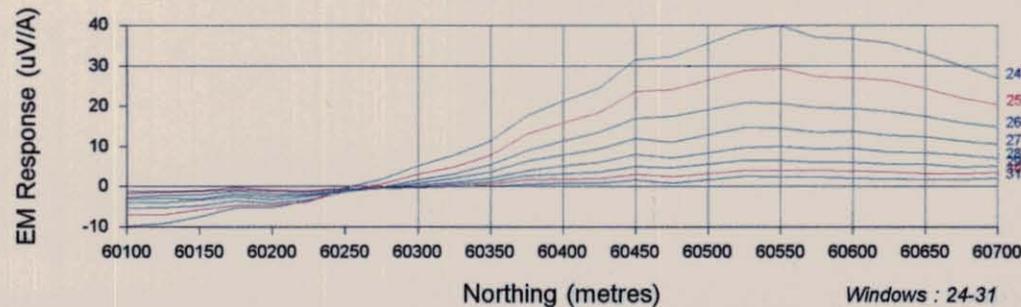
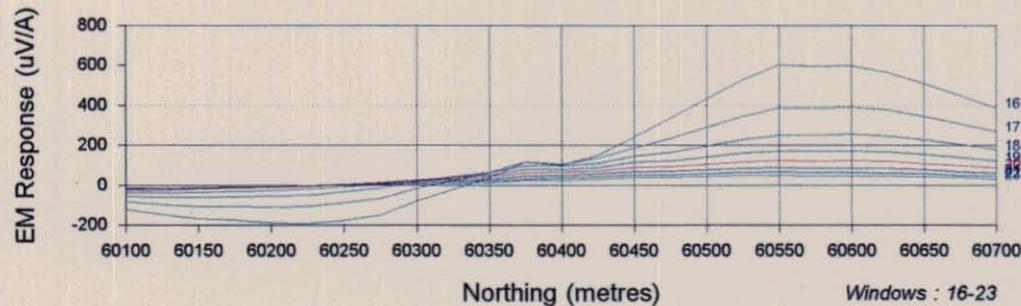
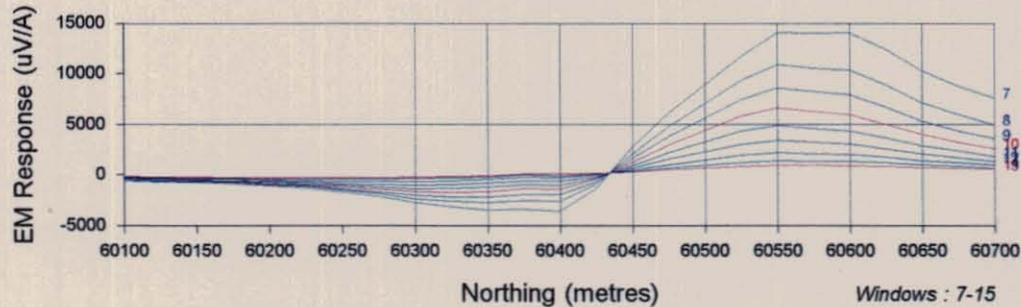
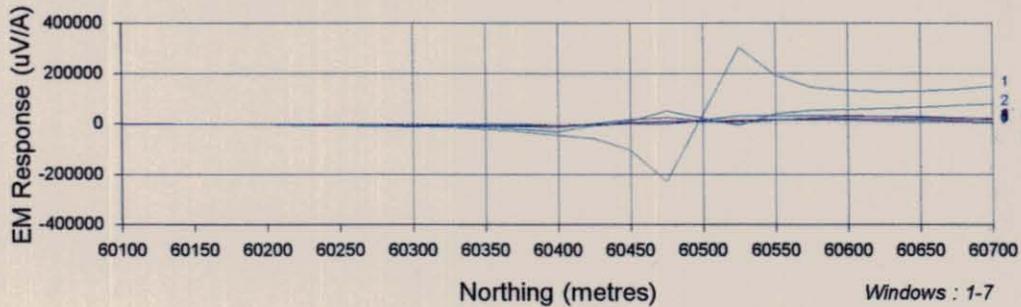
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Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 57800E

Drawn : ADT

Job No. :

505048



SURVEY PARAMETERS

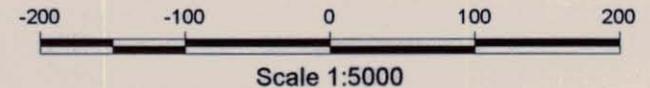
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RECEIVER

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 Component : Z component
 Rx Coil : TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
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 Tx Area : 15000m²
 Tx X Loop Side : 500m
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 Tx Turns : 1
 Tx Current : 14A
 Turn Off : 150 us



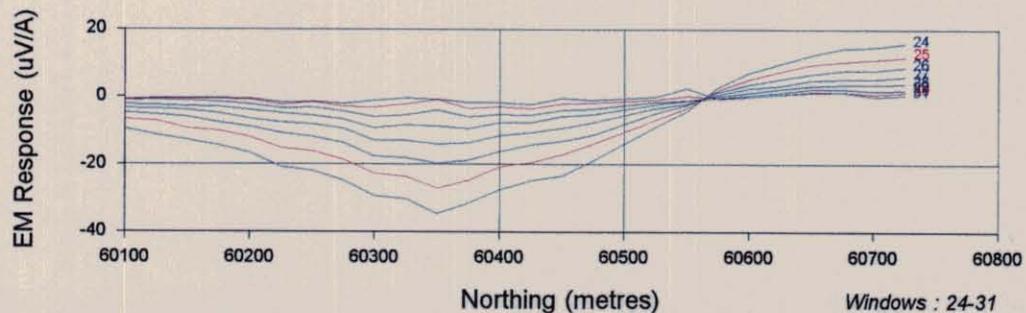
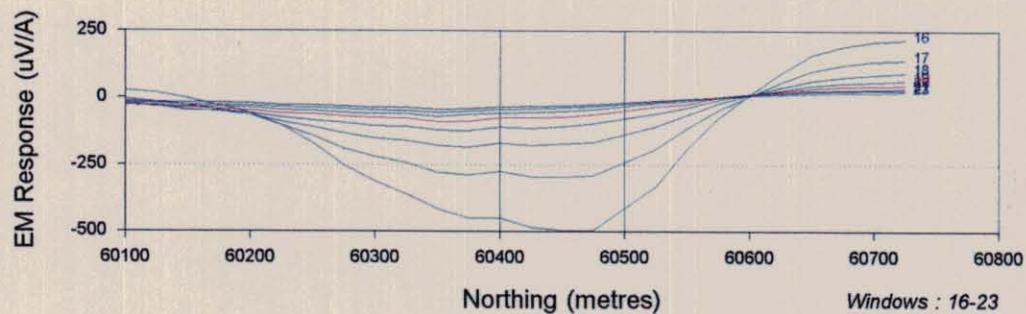
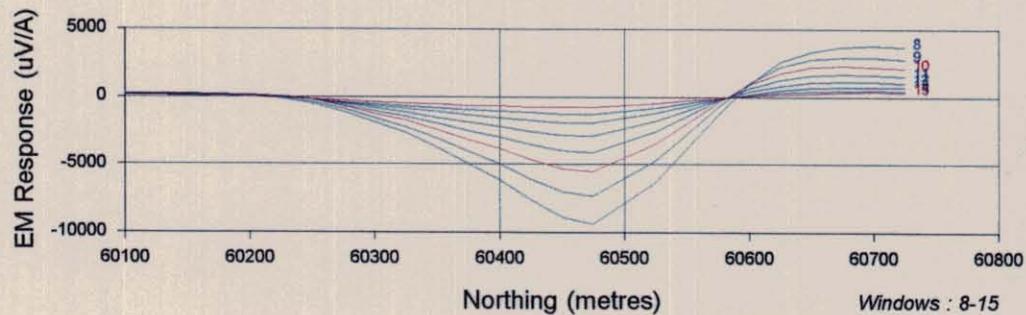
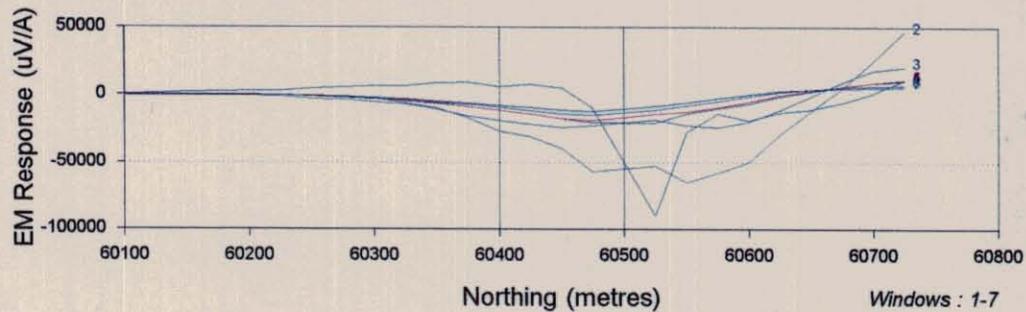
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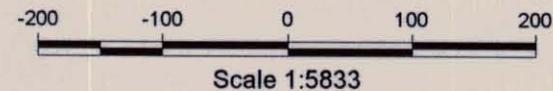
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TRANSMITTER

Transmitter : Zonge GGT-10
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Turn Off : 150 us



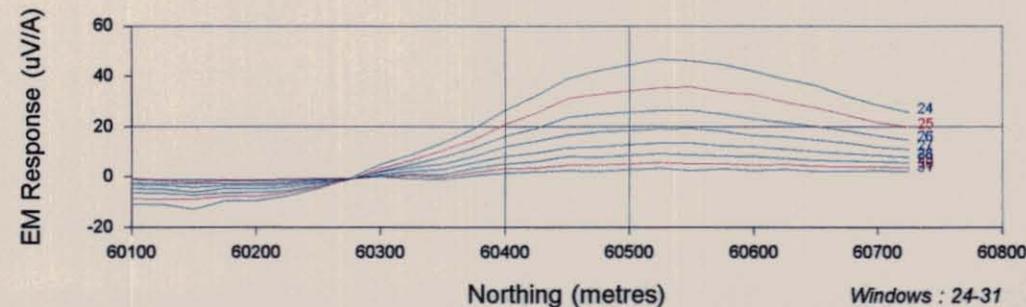
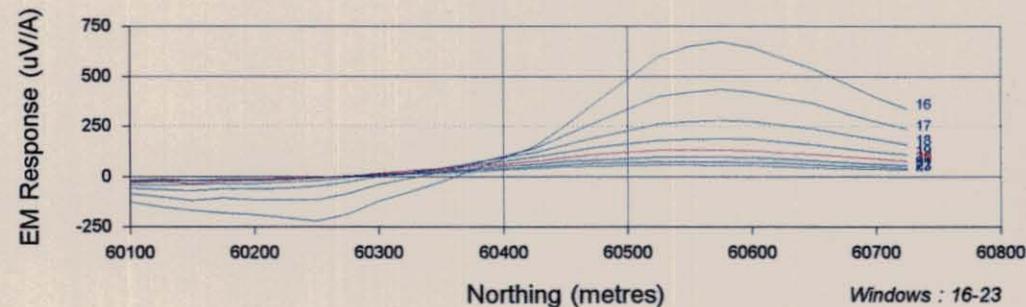
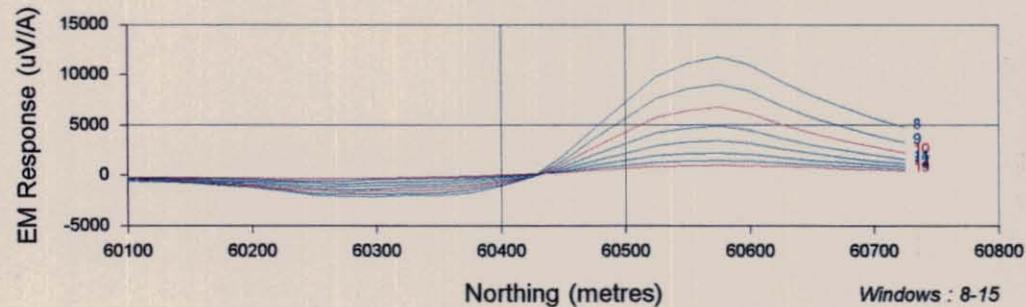
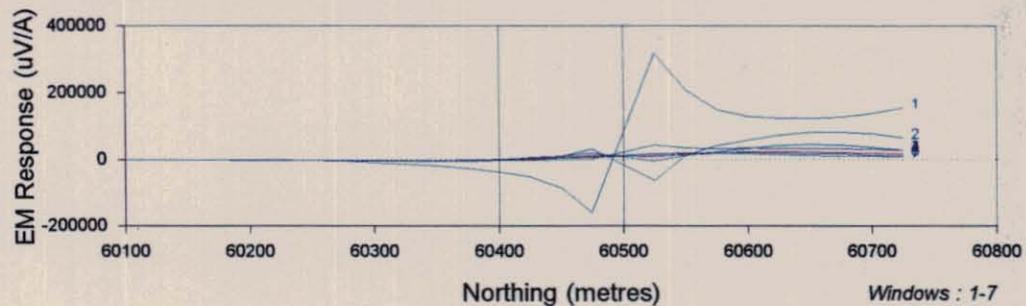
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Line 57900E**

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Job No. :

005050



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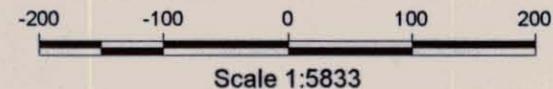
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Rx Coil : Zonge TEM-3
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TRANSMITTER

Transmitter : Zonge GGT-10
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Turn Off : 150 us



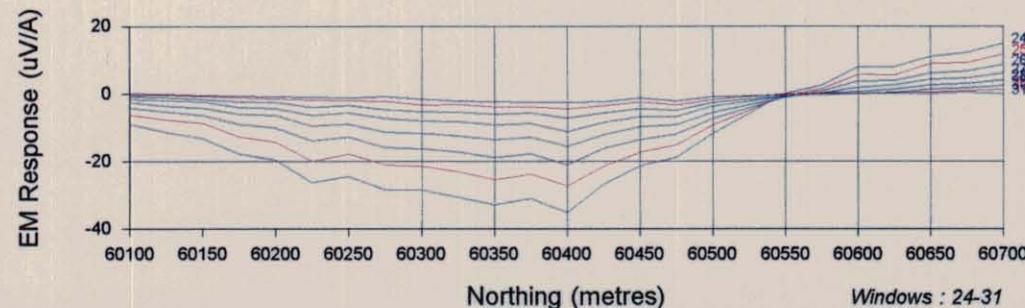
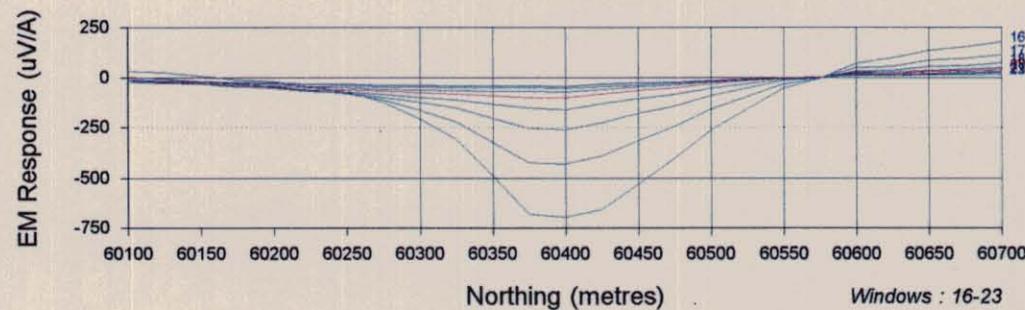
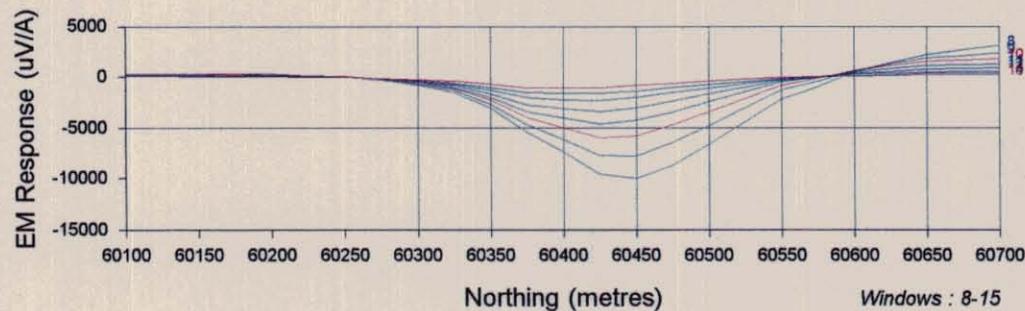
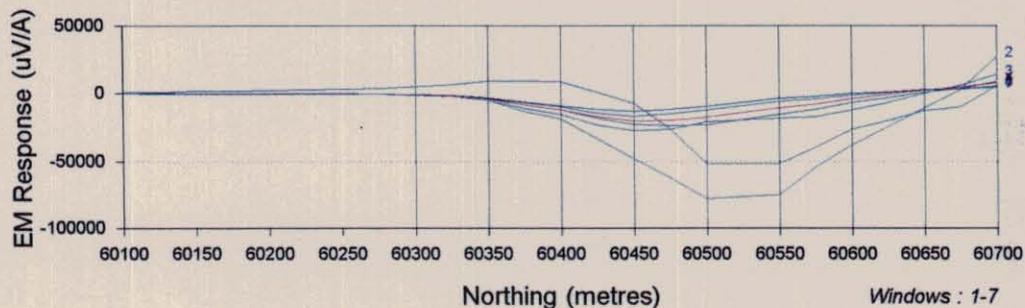
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Comstock Prospect
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Job No. :

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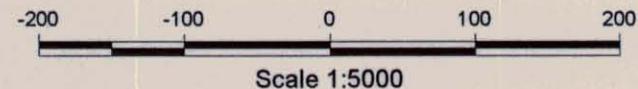
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RECEIVER

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 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
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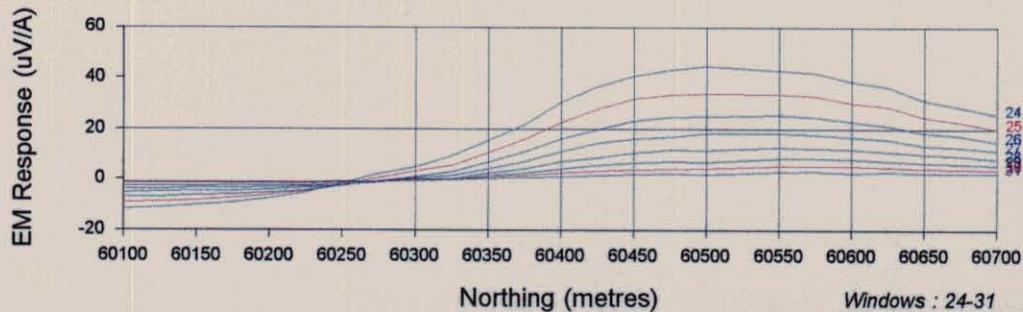
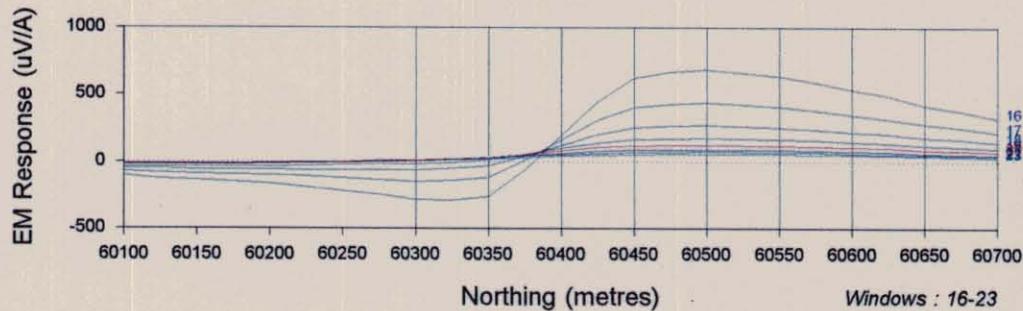
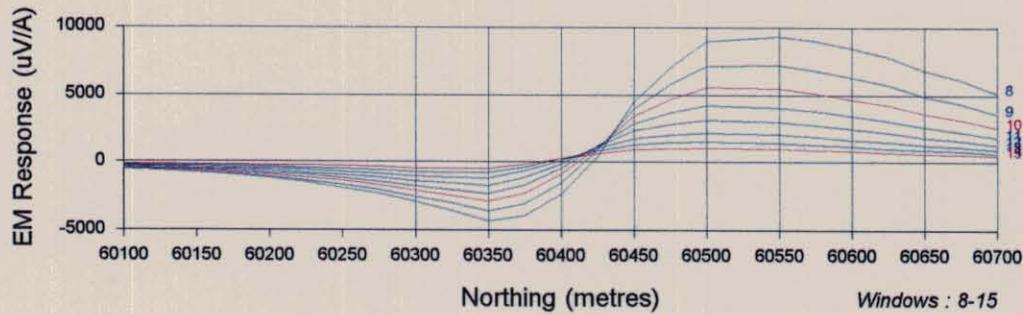
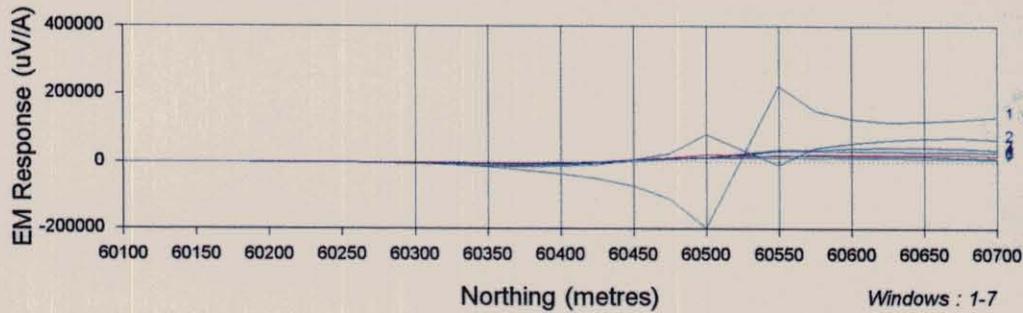
Western Metals Resources

Comstock Prospect
 Ground EM Survey
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 X COMPONENT EM RESPONSE
Line 58000E

Drawn : ADT

Job No. :

505052



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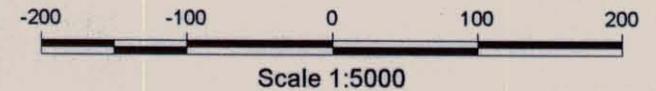
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RECEIVER

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 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
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 Tx Area : 150000 m²
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 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



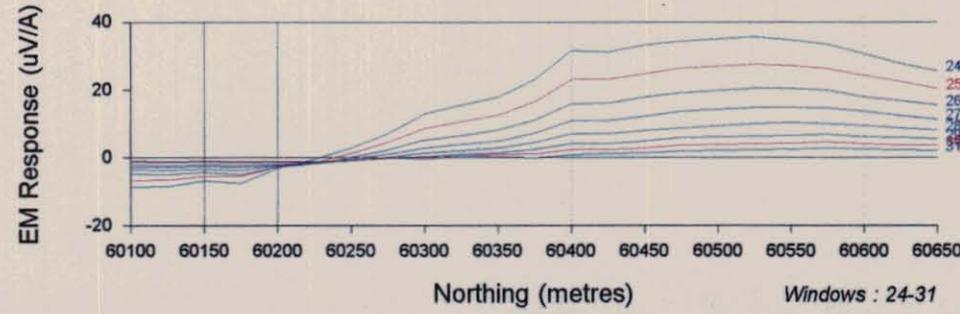
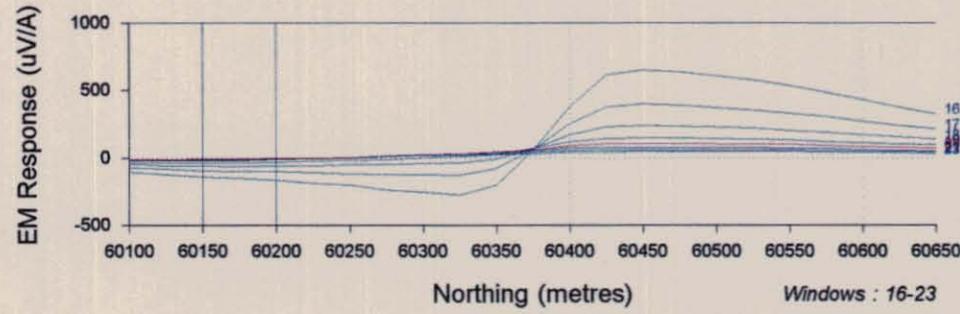
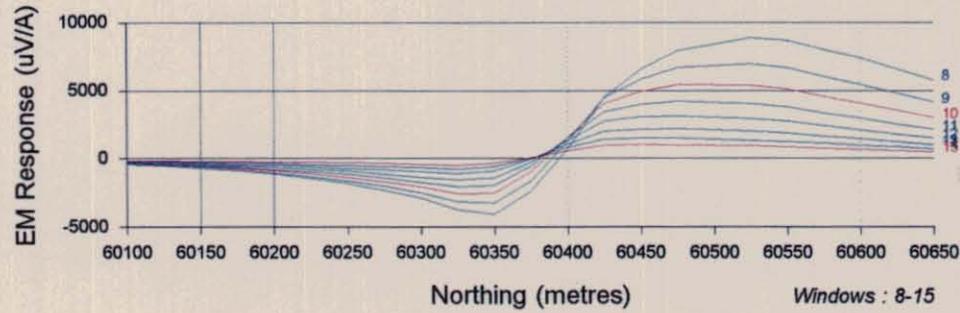
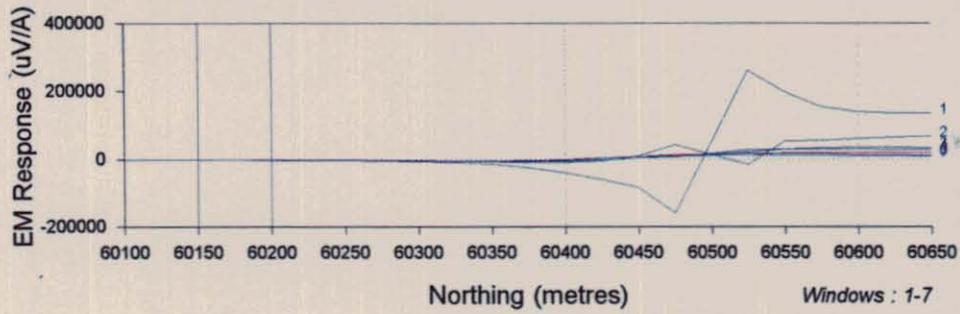
Western Metals Resources

Comstock Prospect
 Ground EM Survey
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 Z COMPONENT EM RESPONSE
Line 58000E

Drawn : ADT

Job No. :

505053



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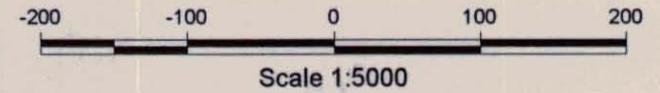
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 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
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 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



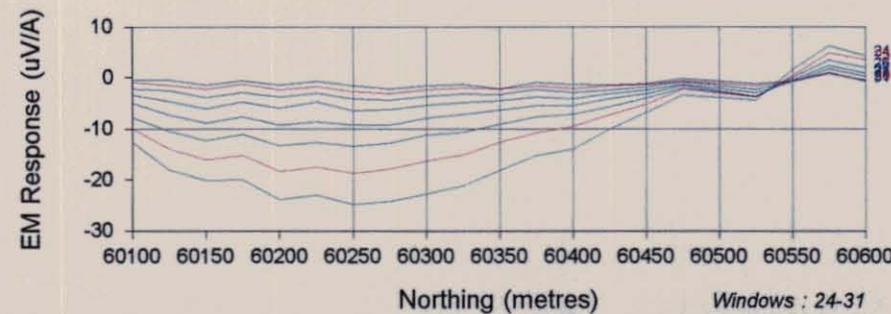
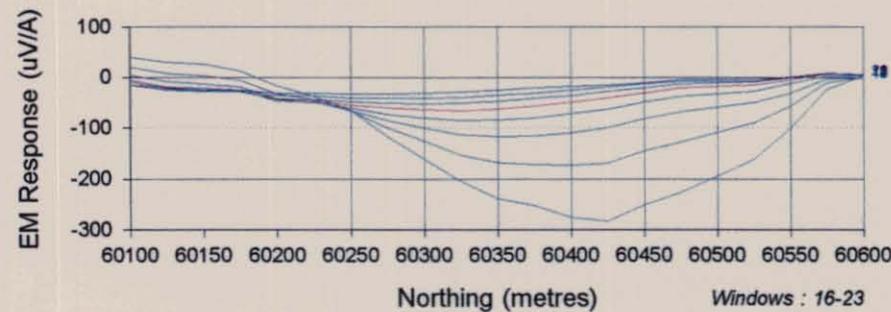
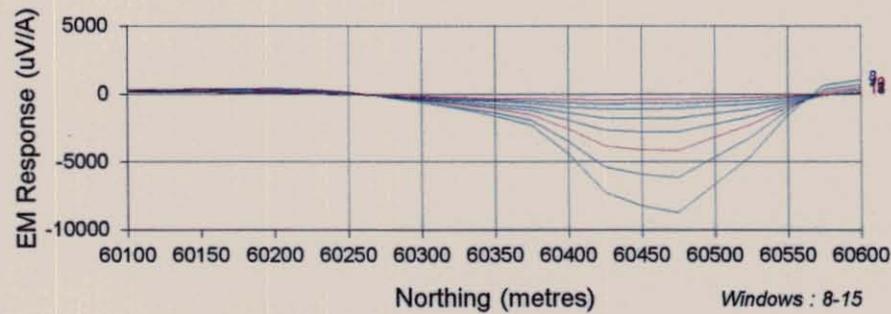
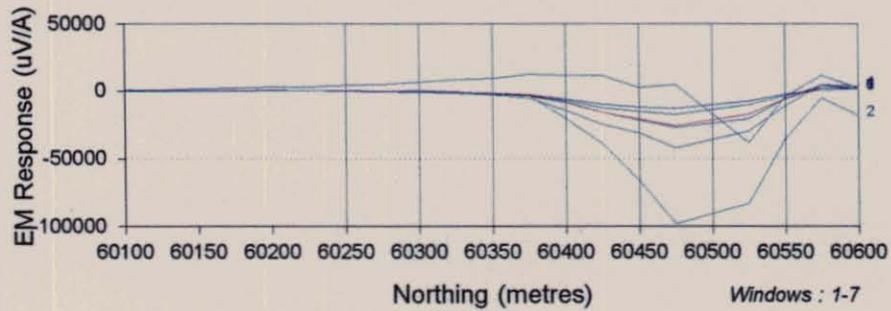
Western Metals Resources

Comstock Prospect
 Ground EM Survey
**STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
 Line 58100E**

Drawn : ADT

Job No. :

505054



SURVEY PARAMETERS

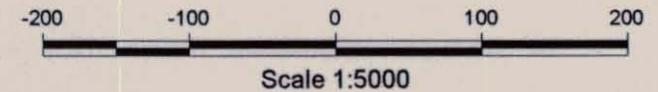
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
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Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



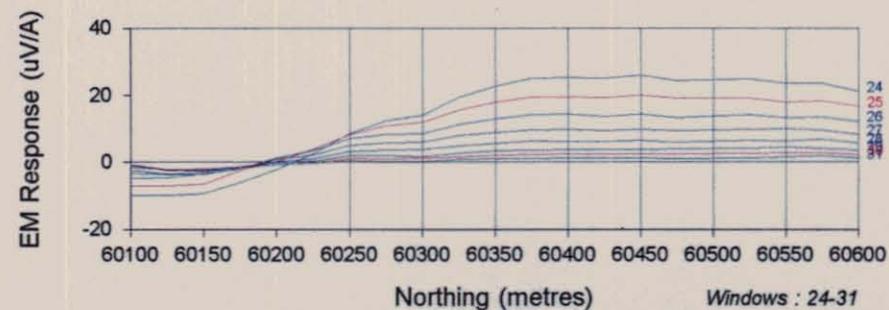
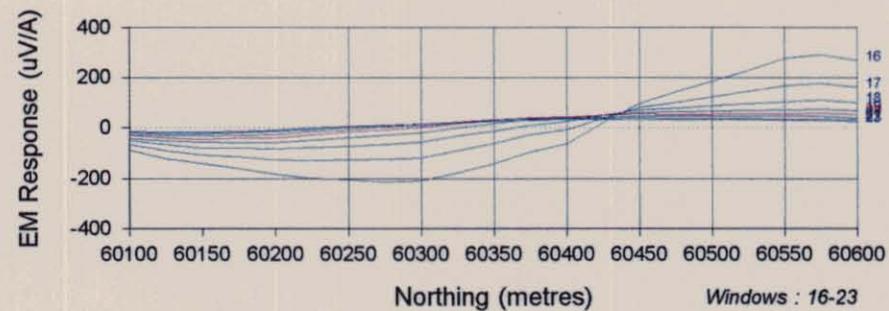
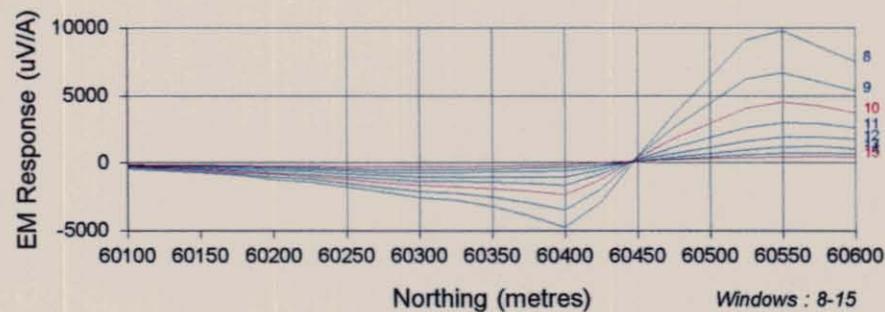
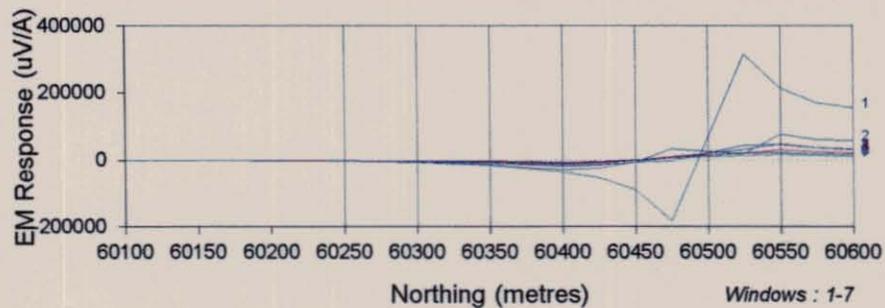
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58300E

Drawn : ADT

Job No. :

505052



SURVEY PARAMETERS

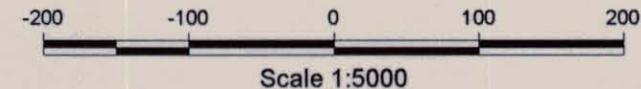
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 2
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



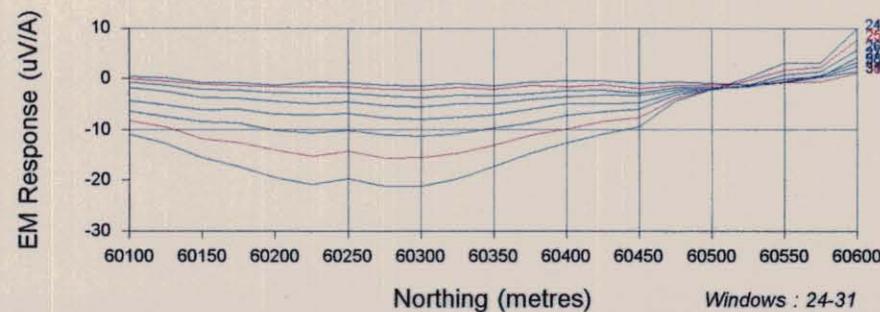
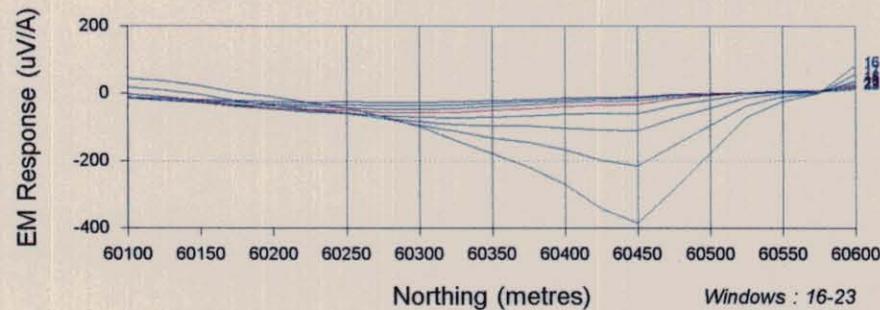
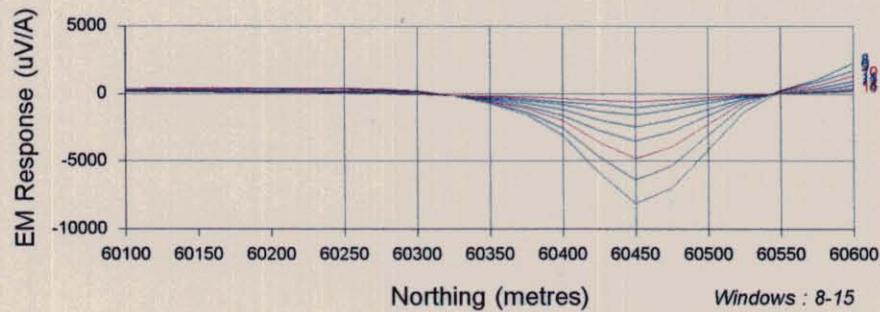
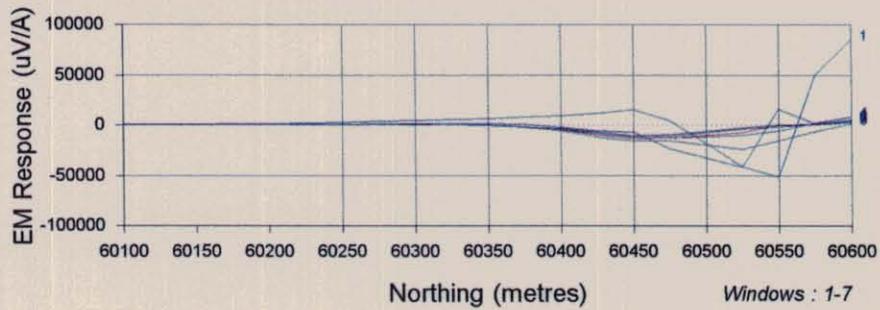
Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
Line 58300E

Drawn : ADT

Job No. :

505056



SURVEY PARAMETERS

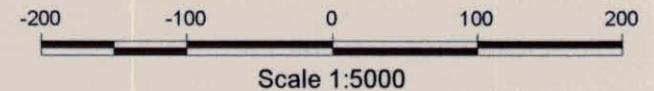
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 1
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



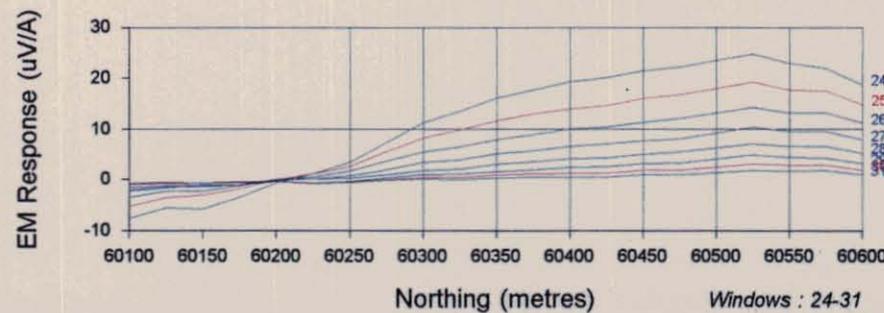
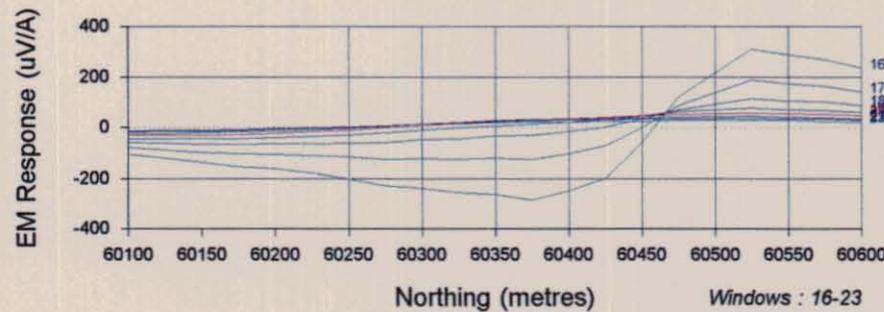
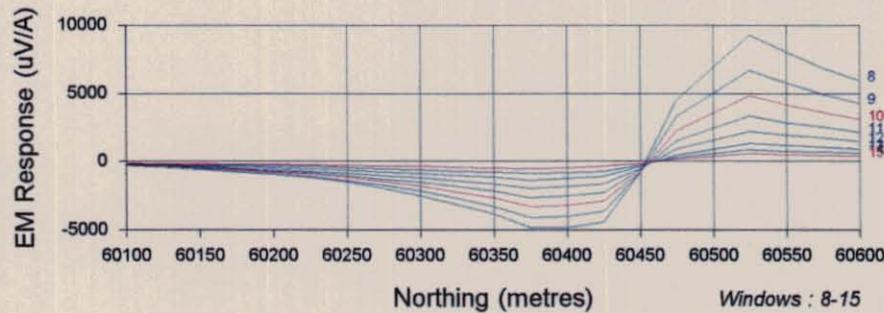
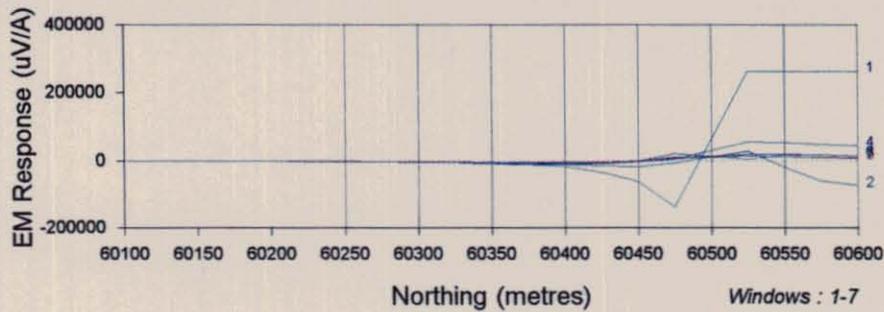
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Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58200E

Drawn : ADT

Job No. :

2005051



SURVEY PARAMETERS

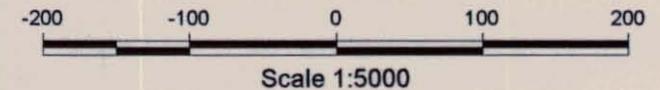
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RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 1
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



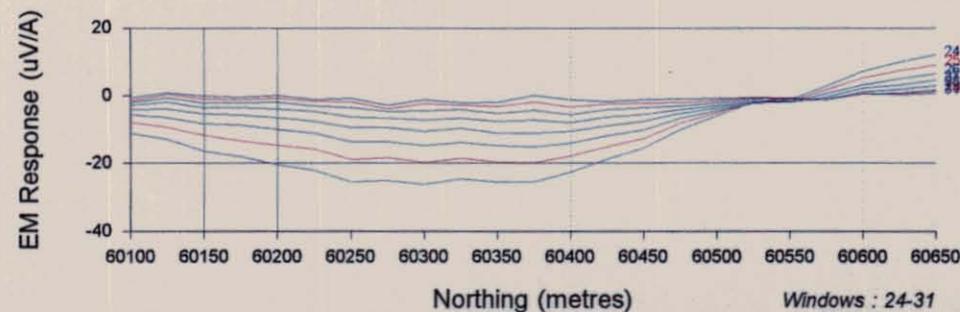
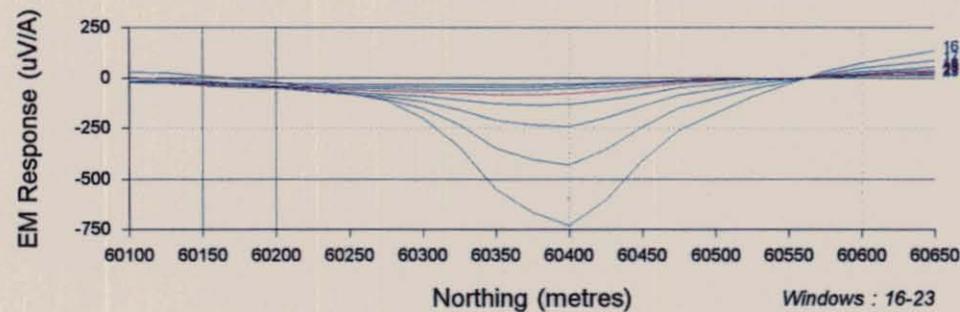
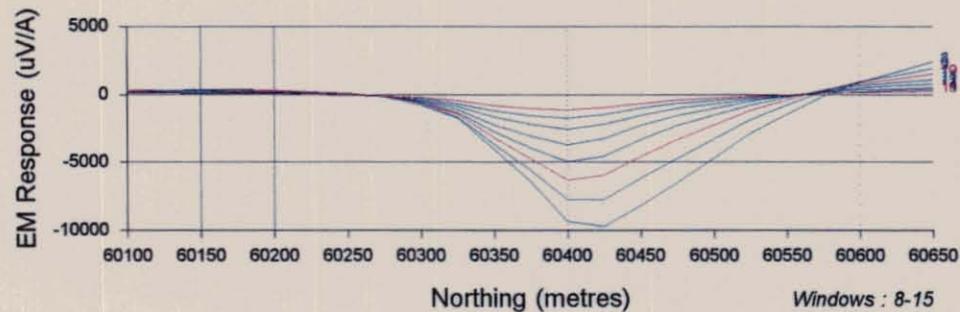
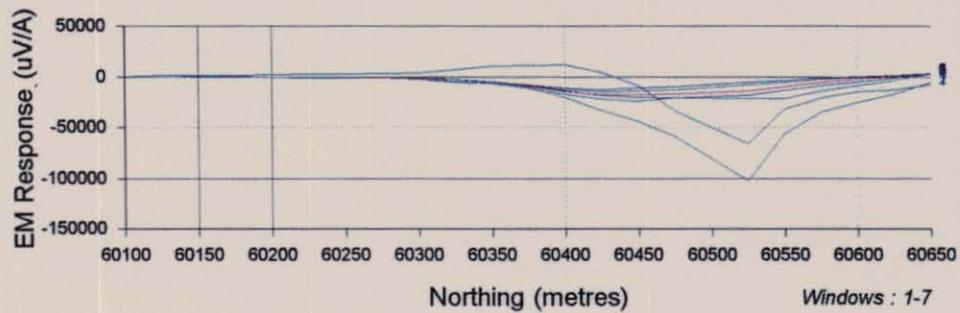
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Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58200E

Drawn : ADT

Job No. :

2008



SURVEY PARAMETERS

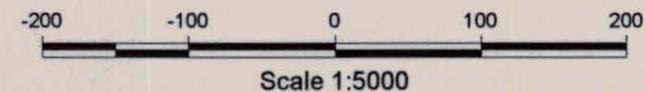
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 1
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



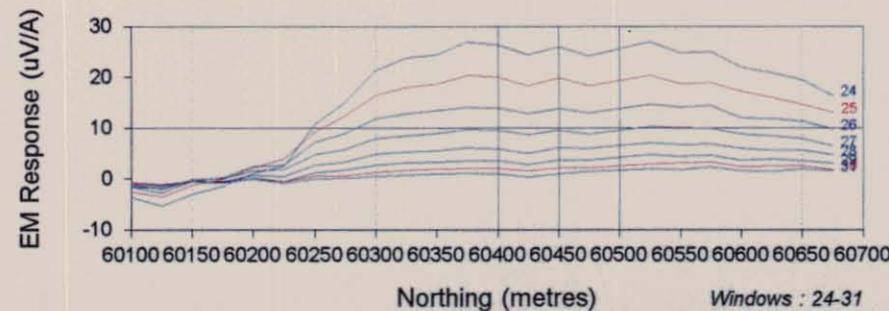
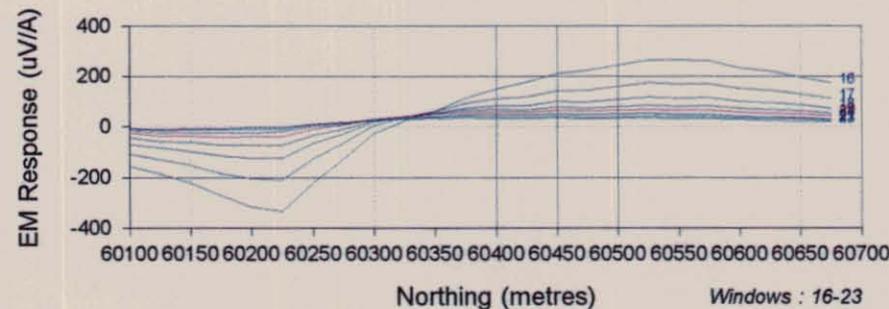
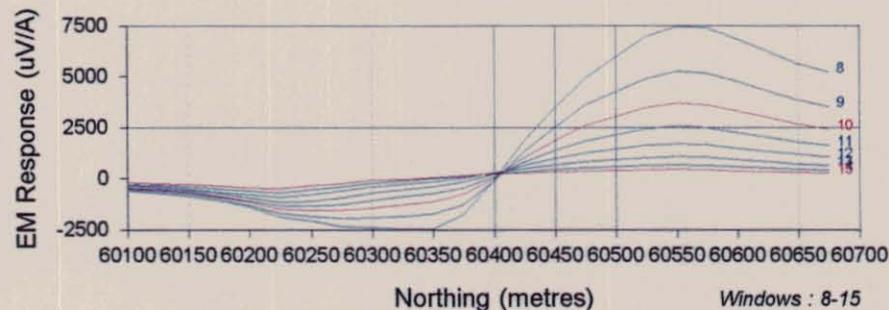
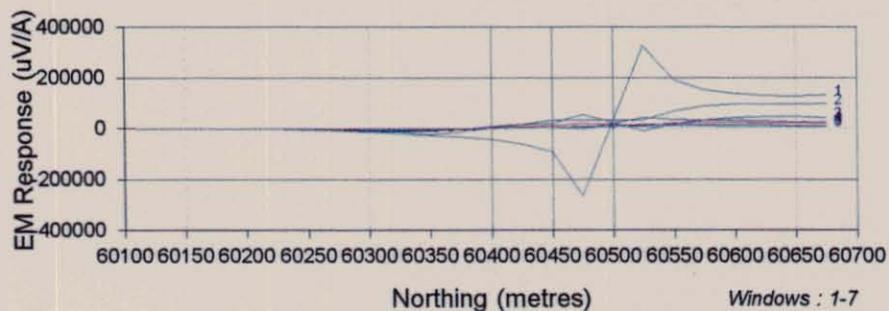
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58100E

Drawn : ADT

Job No. :

65059



SURVEY PARAMETERS

Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 2
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



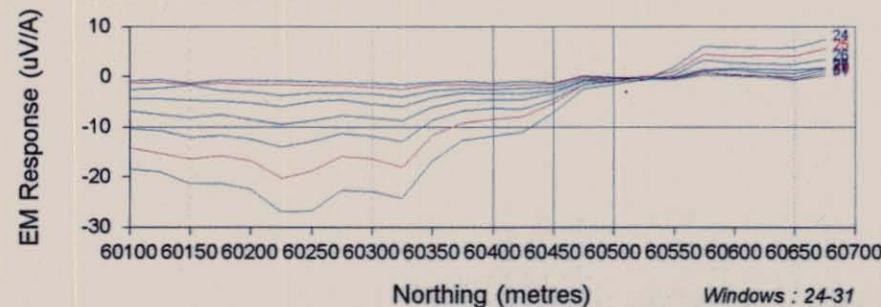
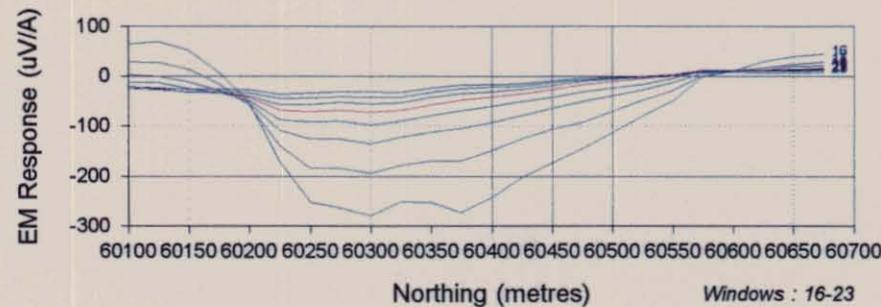
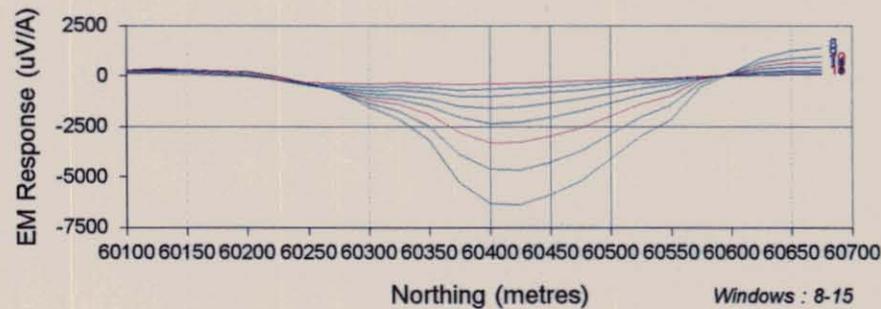
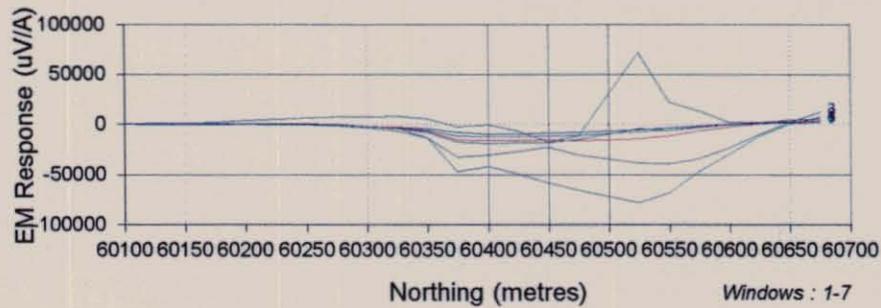
Western Metals Resources

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Ground EM Survey
**STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58400E**

Drawn : ADT

Job No. :

000000



SURVEY PARAMETERS

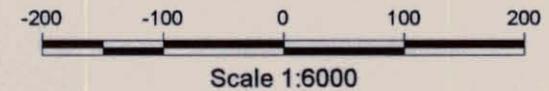
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 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : X
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 2
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



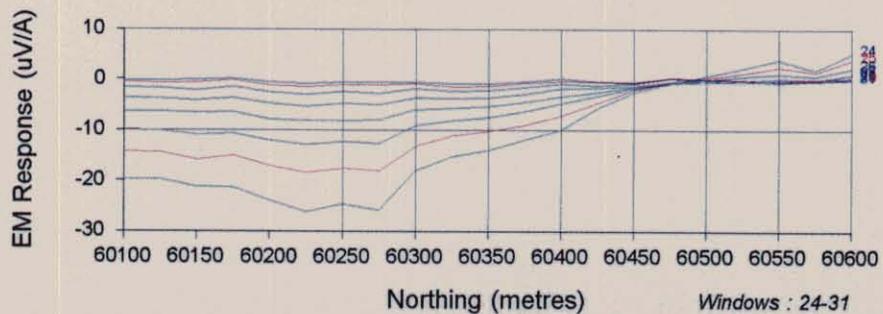
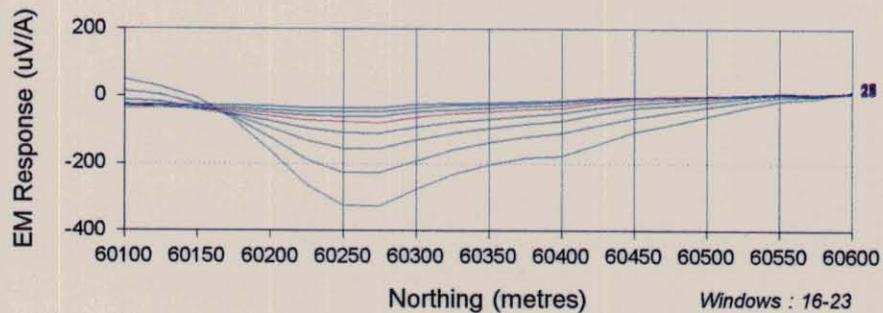
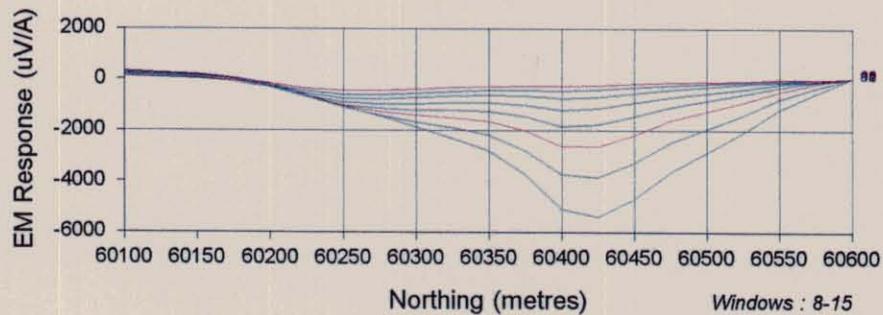
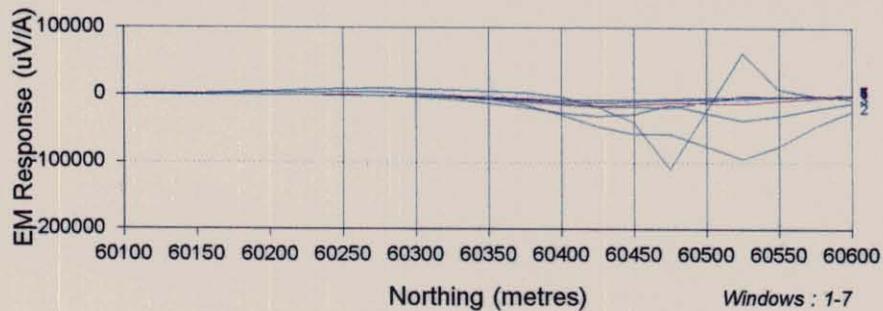
Western Metals Resources

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 Ground EM Survey
 STACKED PROFILES OF
 X COMPONENT EM RESPONSE
Line 58400E

Drawn : ADT

Job No. :

505061



SURVEY PARAMETERS

Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : X
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 2
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



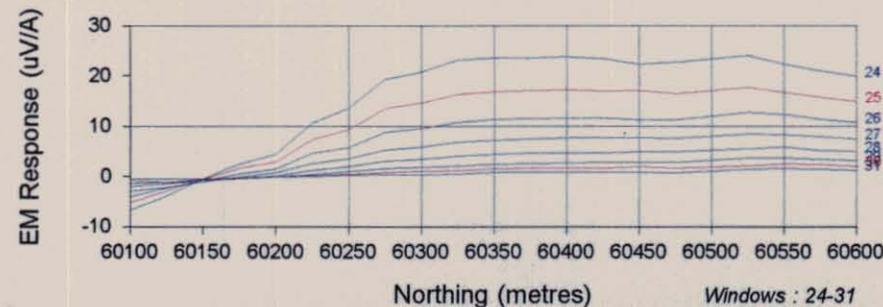
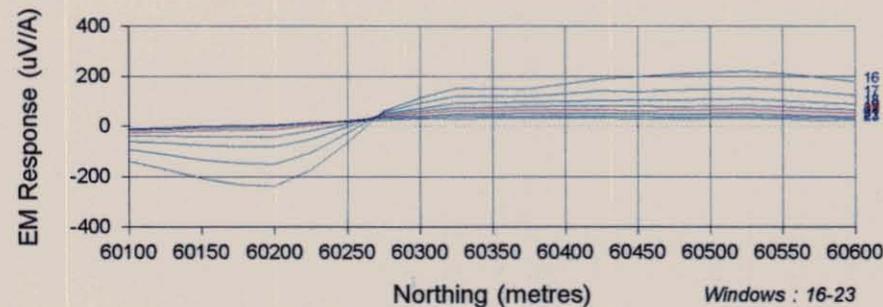
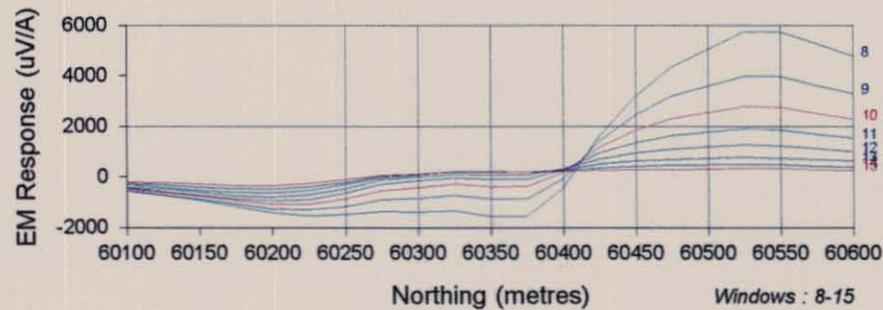
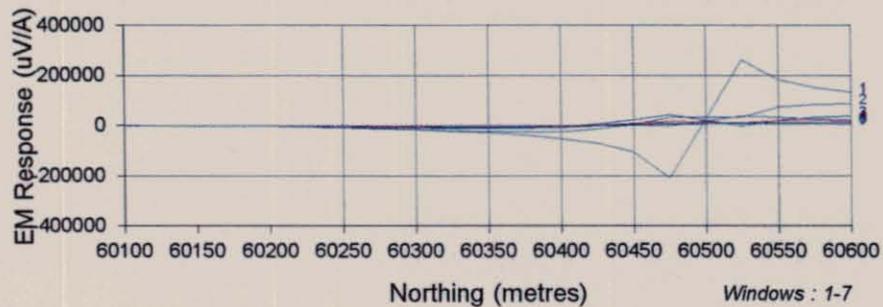
Western Metals Resources

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 Ground EM Survey
 STACKED PROFILES OF
 X COMPONENT EM RESPONSE
Line 58500E

Drawn : ADT

Job No. :

603062



SURVEY PARAMETERS

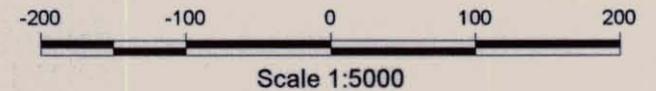
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 2
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



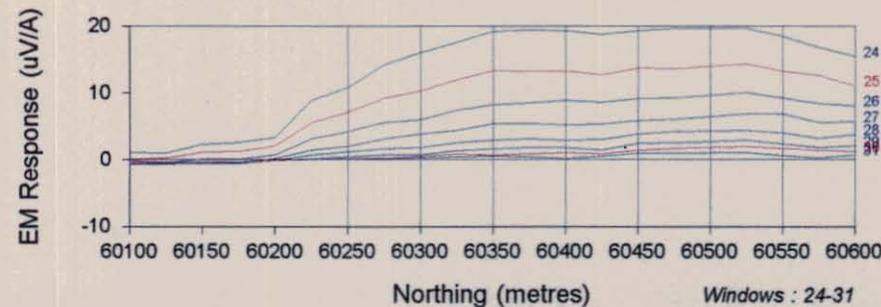
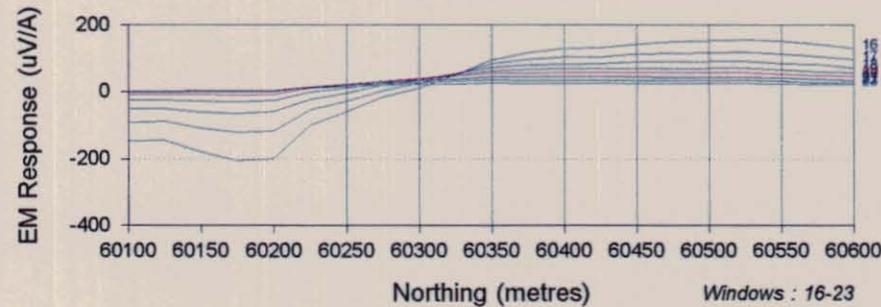
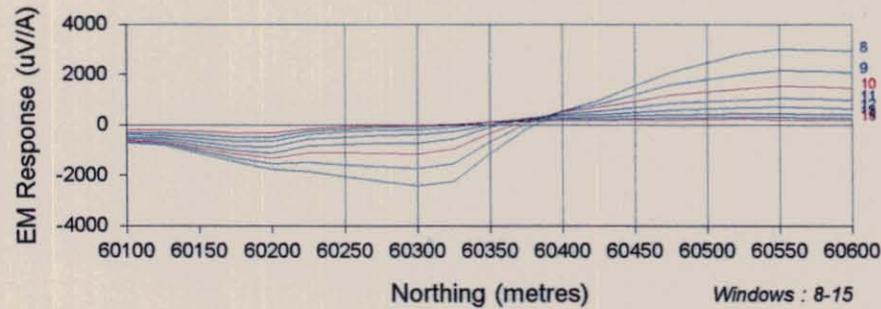
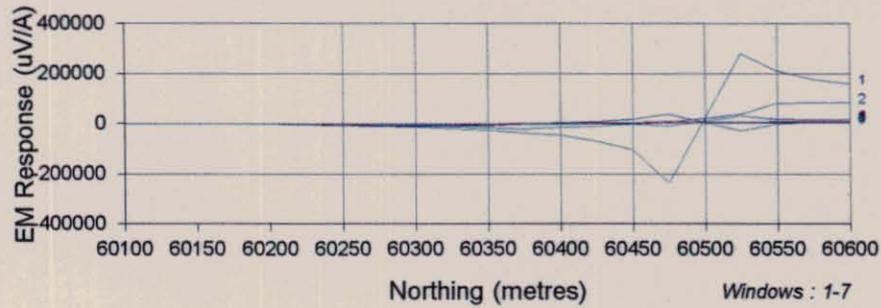
Western Metals Resources

**Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
 Line 58500E**

Drawn : ADT

Job No. :

505063



SURVEY PARAMETERS

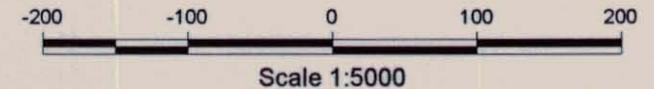
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 2
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



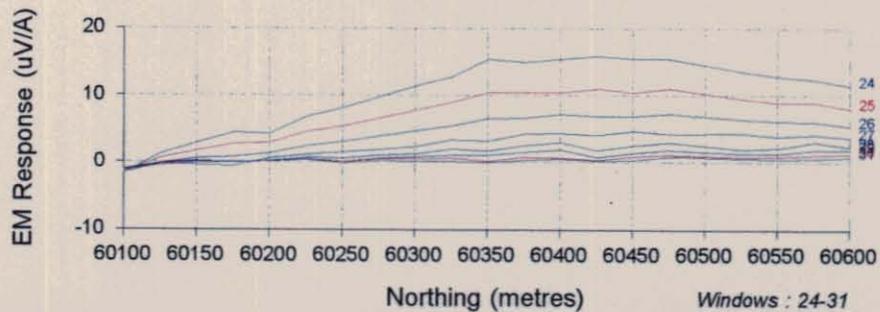
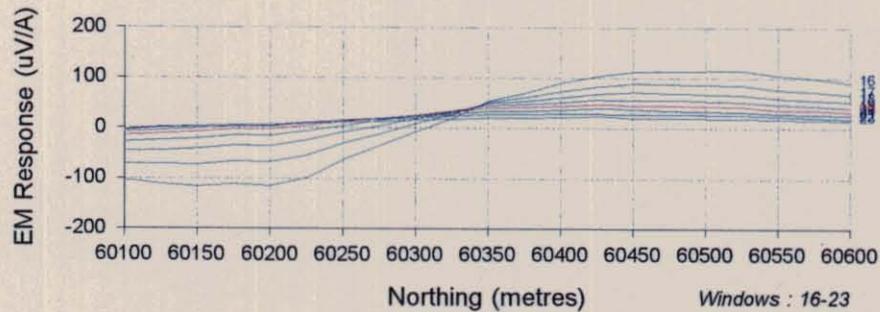
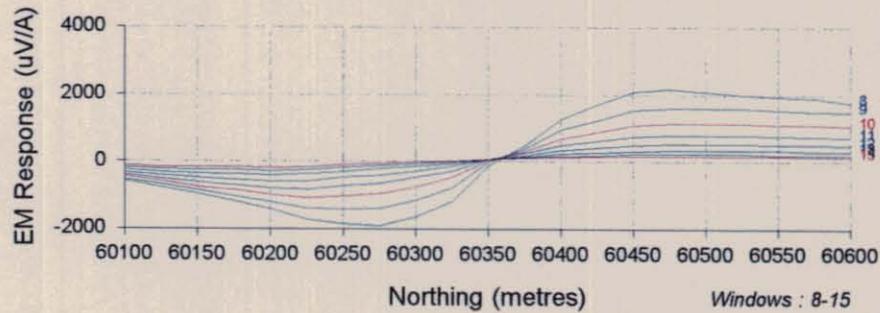
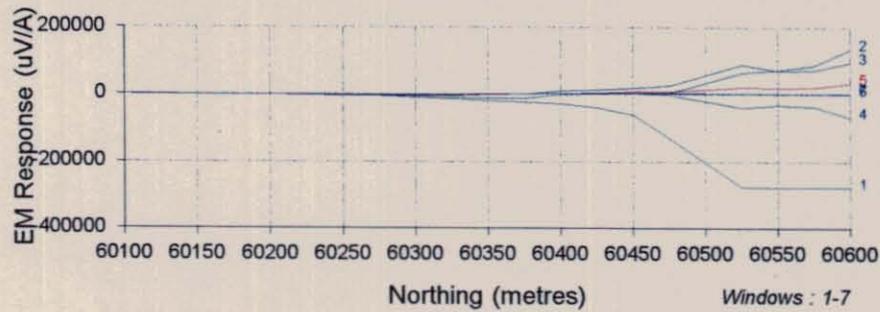
Western Metals Resources

Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58600E**

Drawn : ADT

Job No. :

505064



SURVEY PARAMETERS

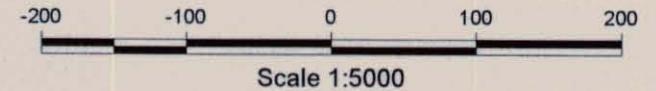
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 2
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



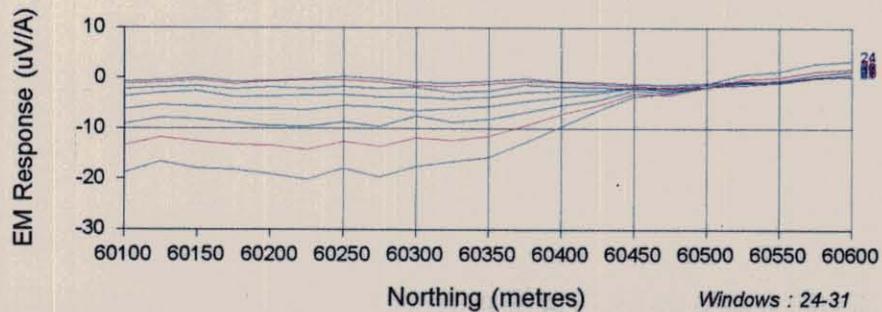
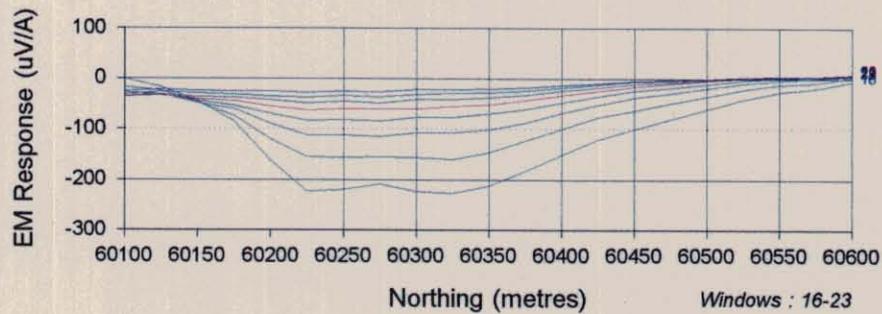
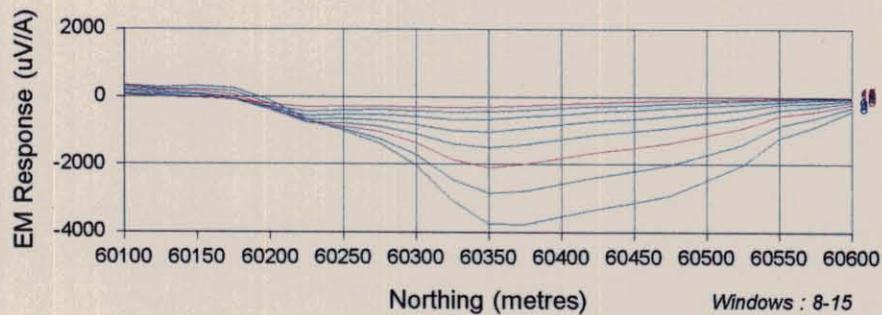
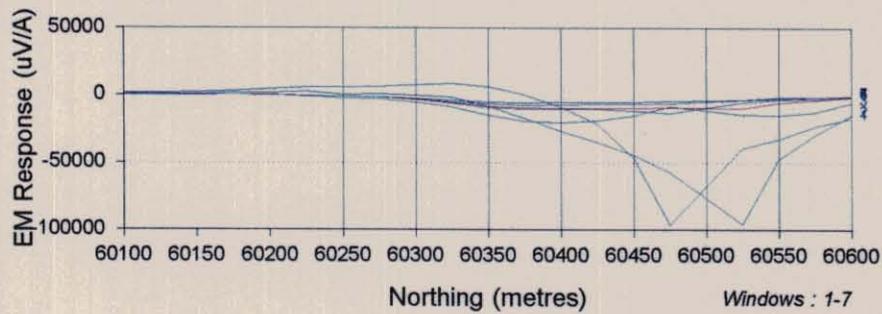
Western Metals Resources

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Ground EM Survey
**STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58700E**

Drawn : ADT

Job No. :

202062



SURVEY PARAMETERS

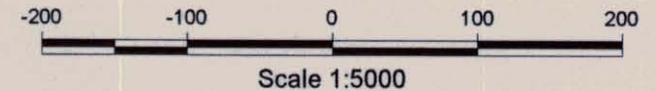
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 2
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



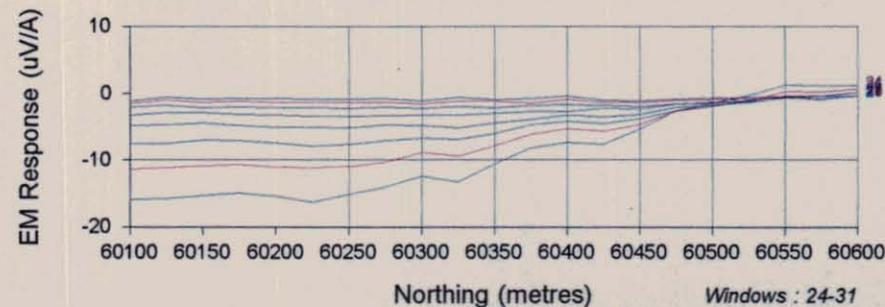
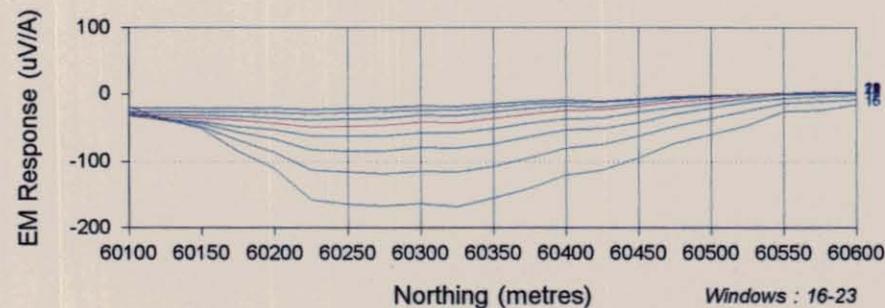
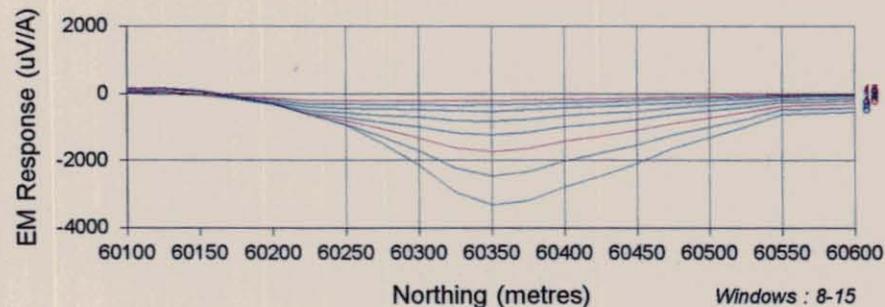
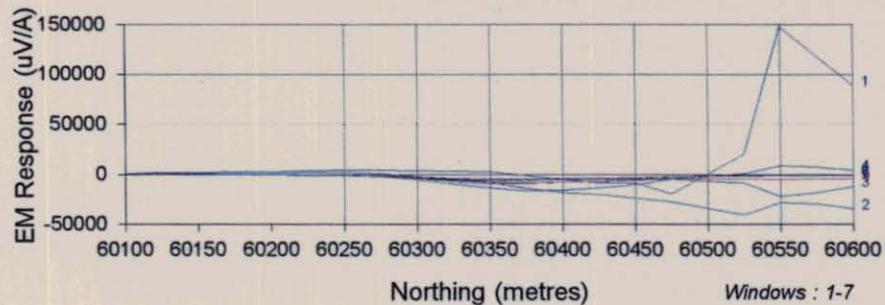
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58600E

Drawn : ADT

Job No. :

505066



SURVEY PARAMETERS

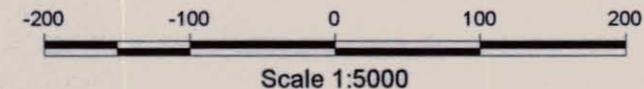
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 2
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



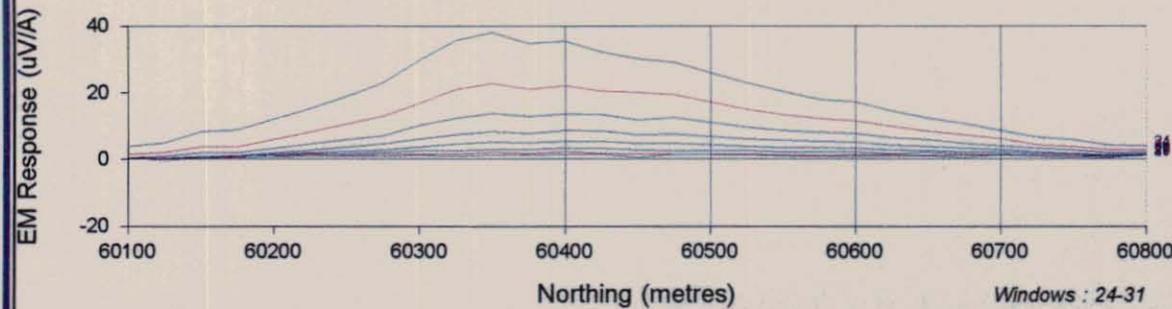
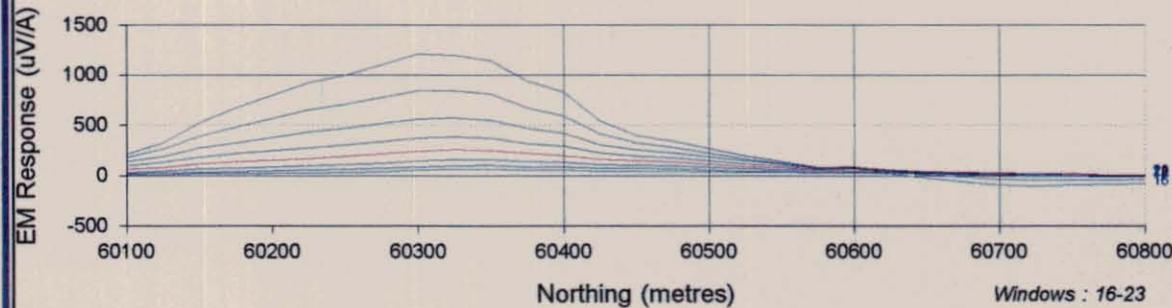
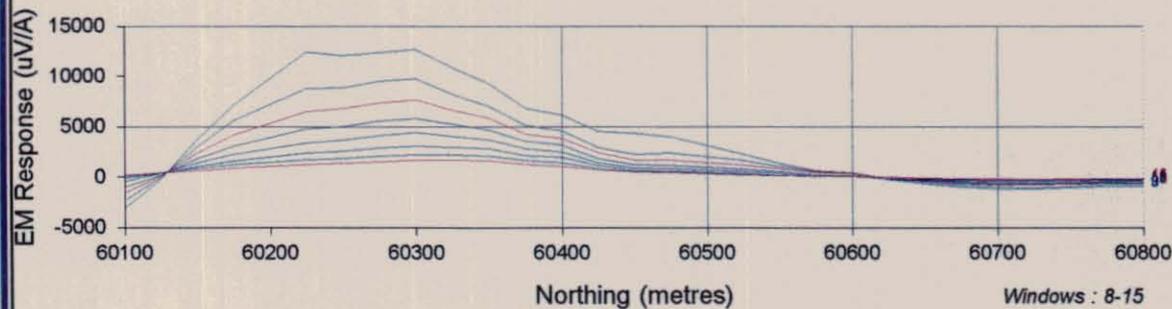
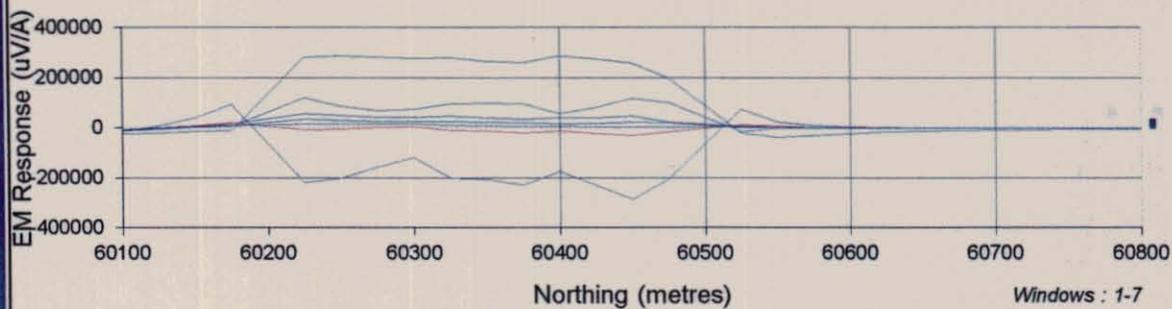
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58700E

Drawn : ADT

Job No. :

505067



SURVEY PARAMETERS

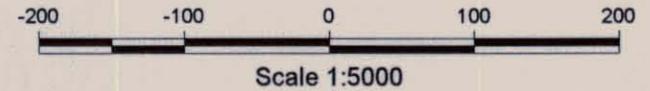
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 3
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us

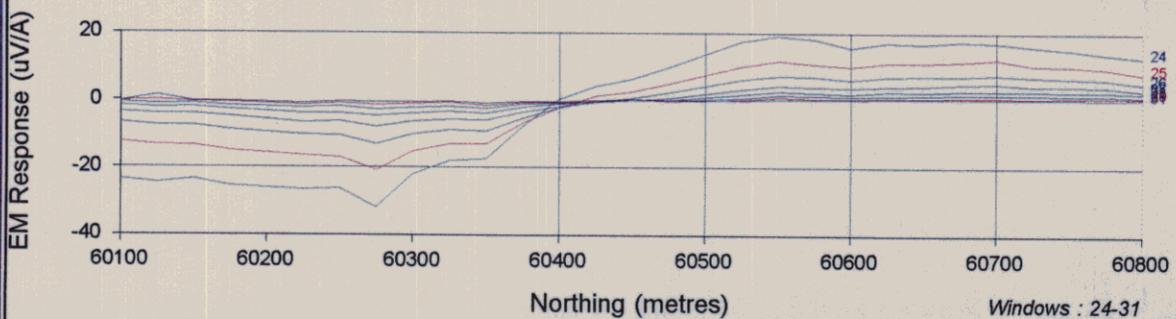
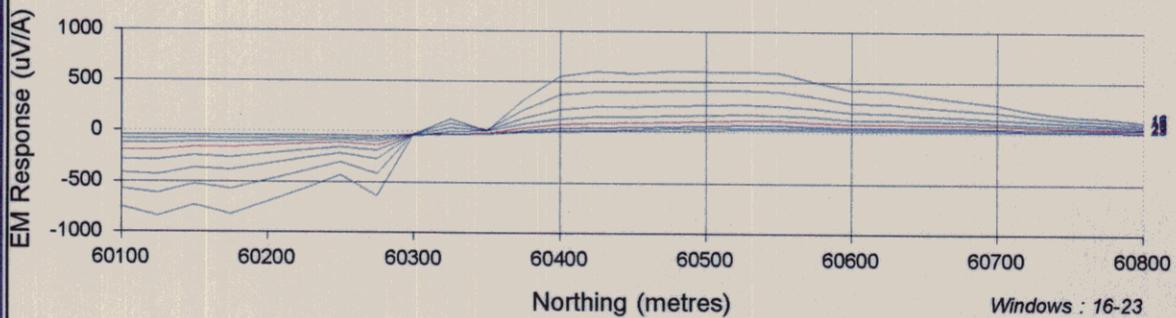
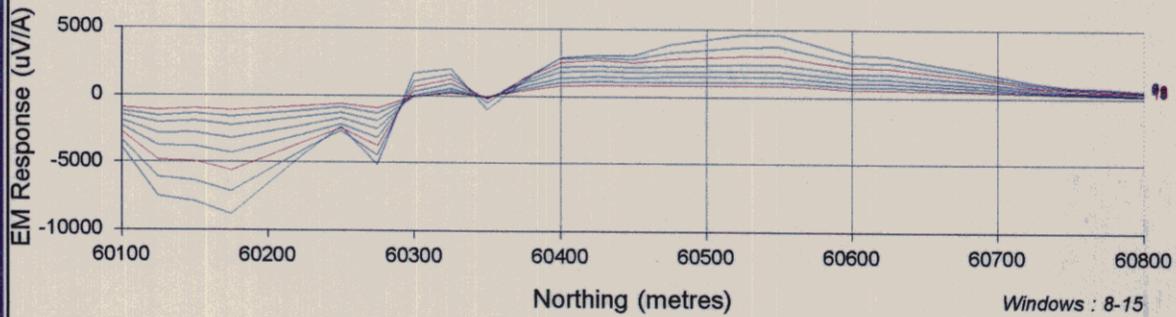
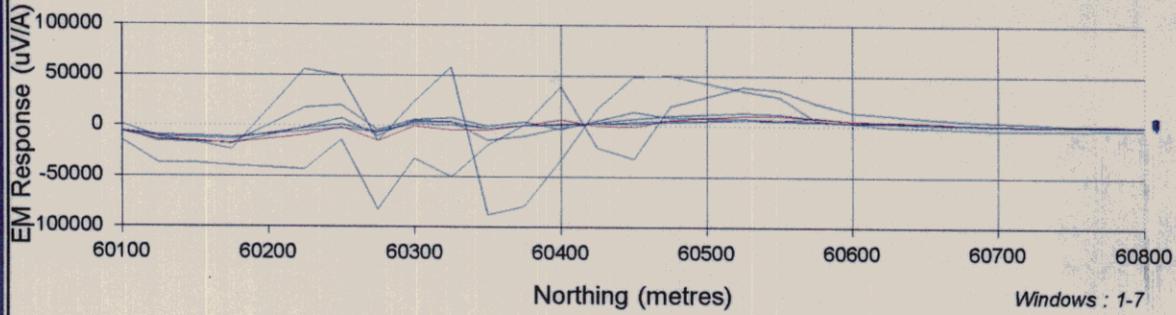


Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
Line 57700E

Drawn : ADT
 Job No. :

205068



SURVEY PARAMETERS

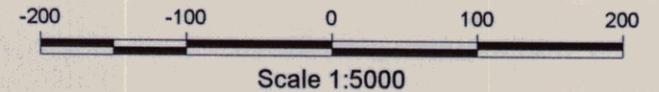
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : X
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 3
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



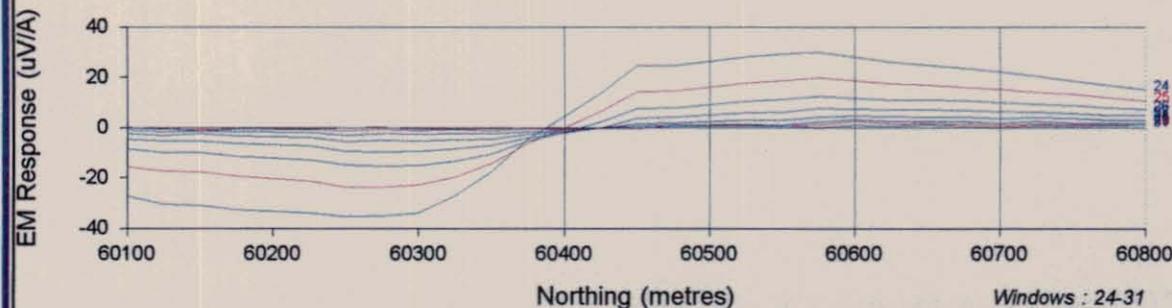
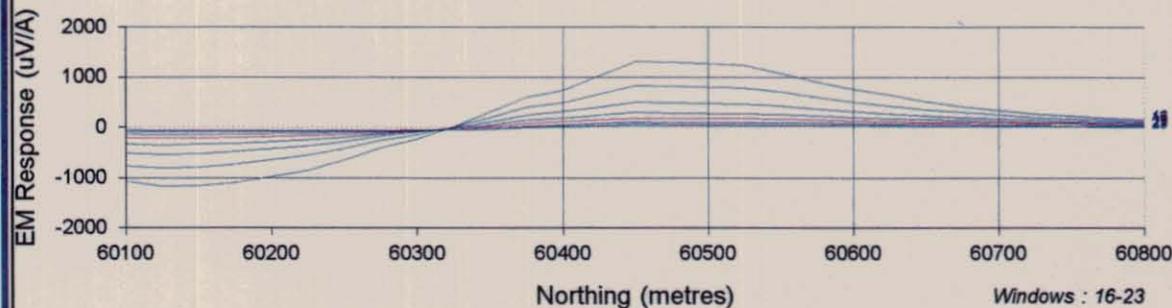
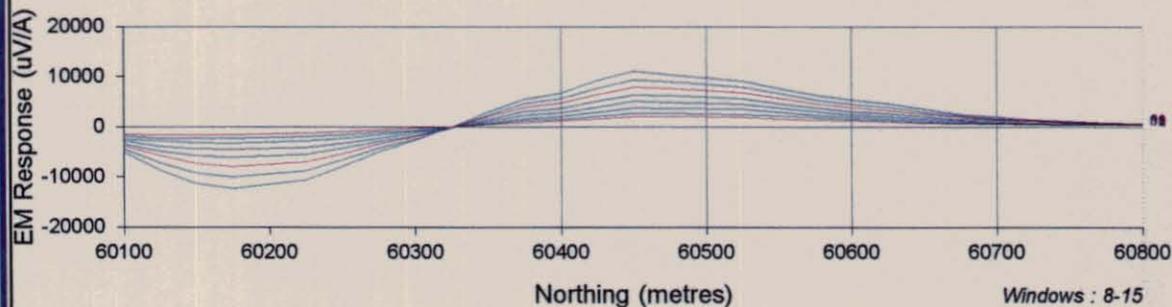
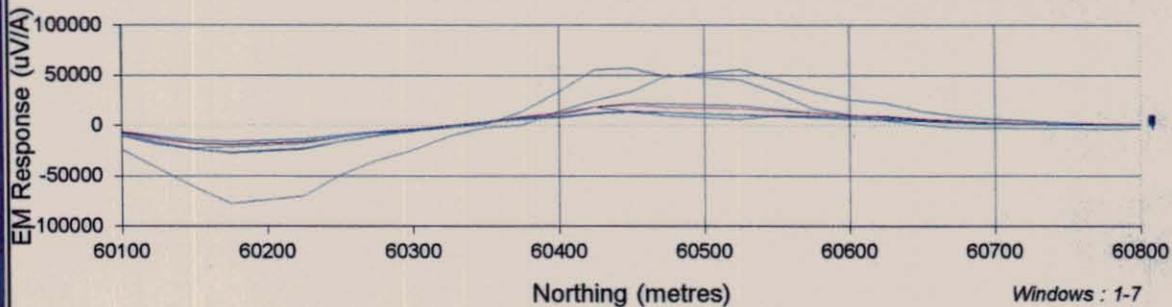
Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 X COMPONENT EM RESPONSE
Line 57700E

Drawn : ADT

Job No. :

505069



SURVEY PARAMETERS

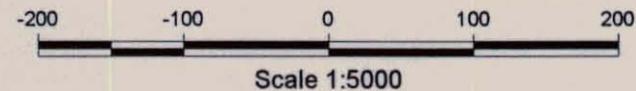
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



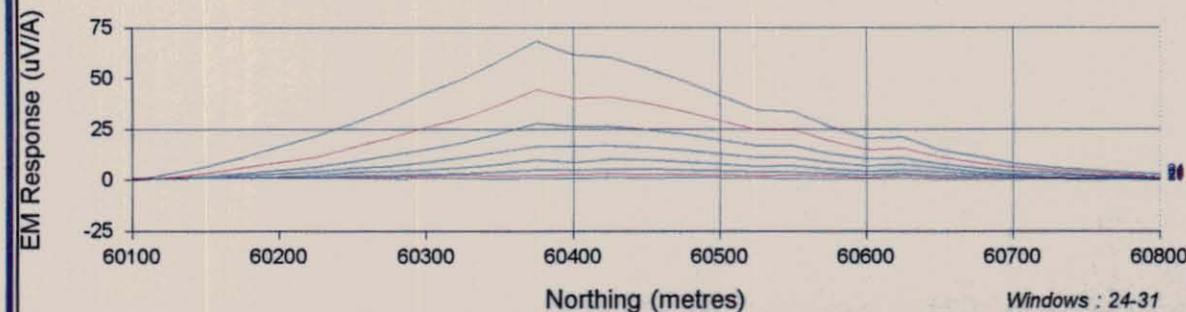
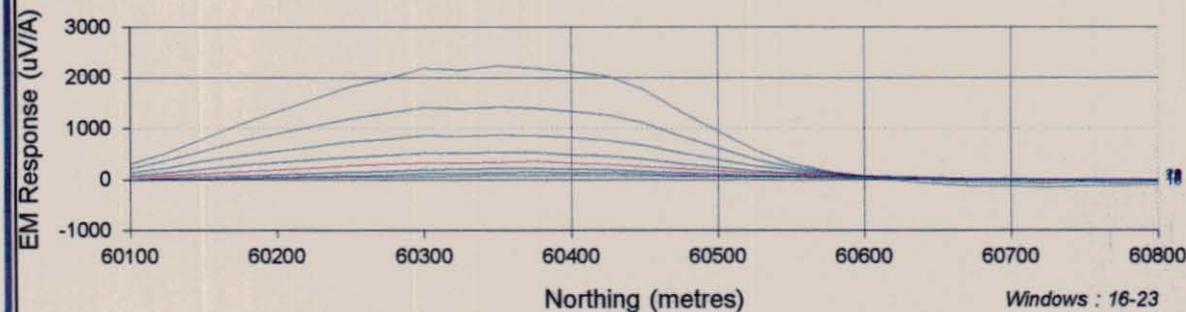
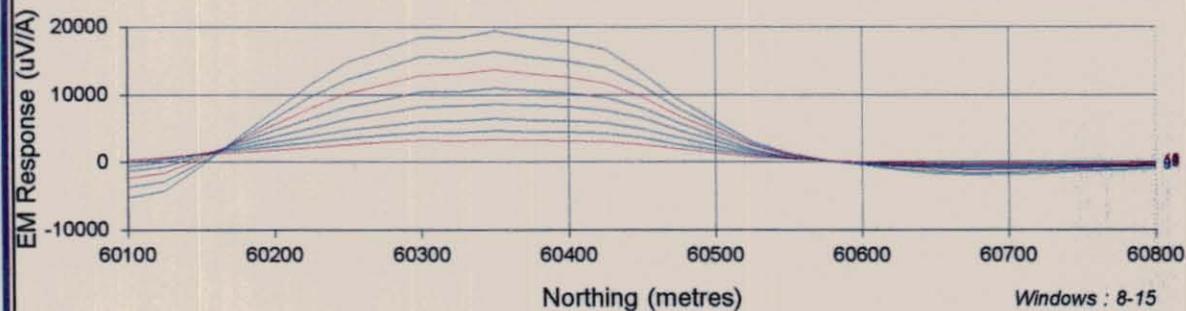
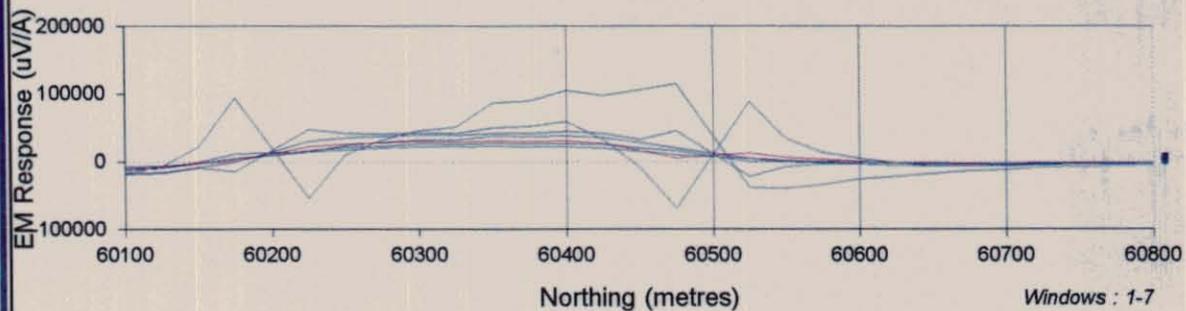
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 57800E

Drawn : ADT

Job No. :

505070



SURVEY PARAMETERS

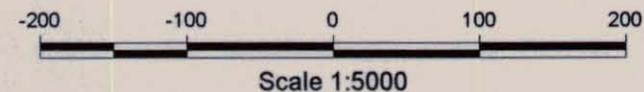
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 3
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



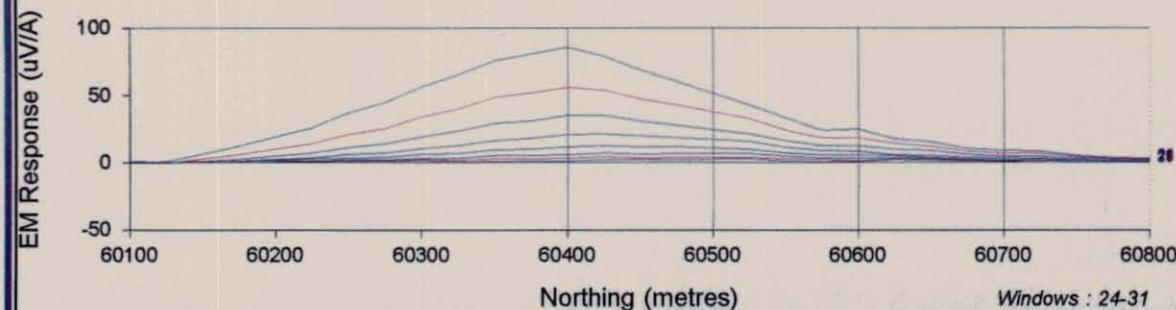
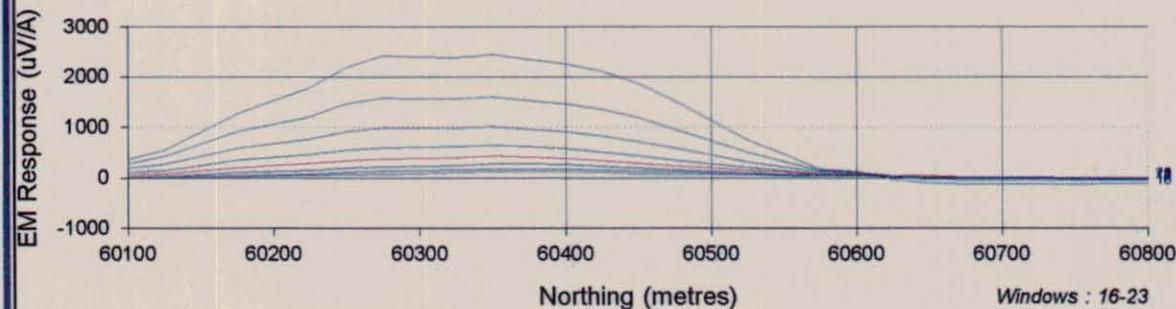
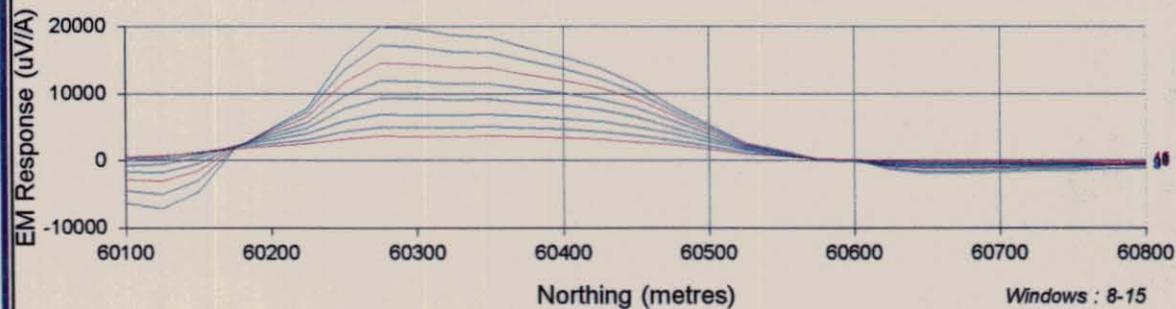
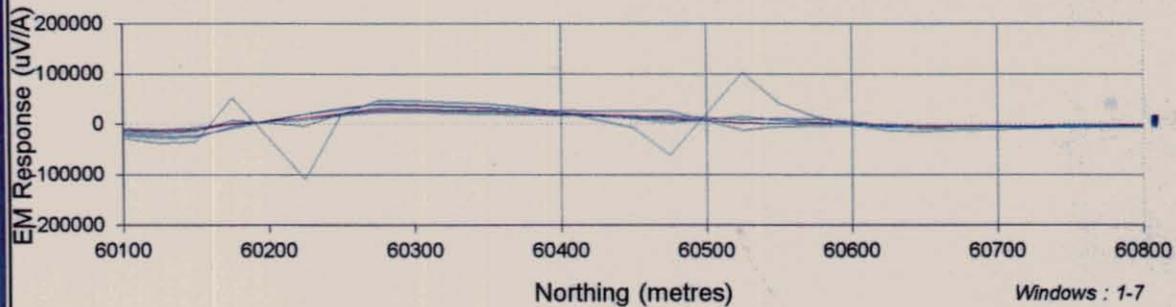
Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
Line 57800E

Drawn : ADT

Job No. :

505071



SURVEY PARAMETERS

Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



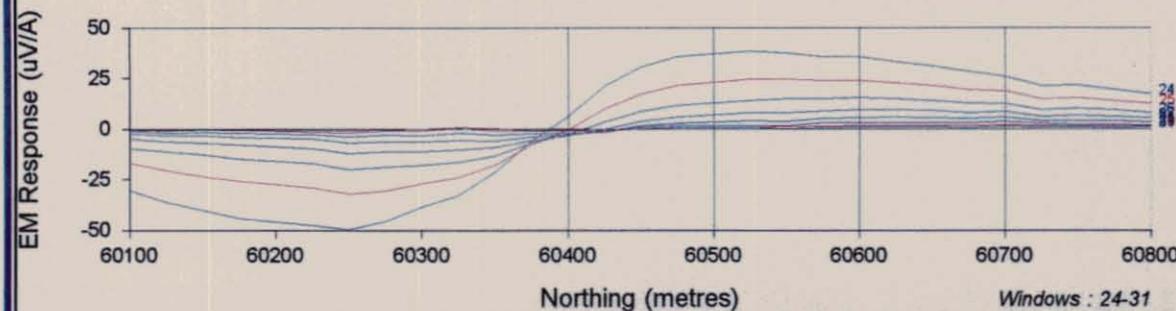
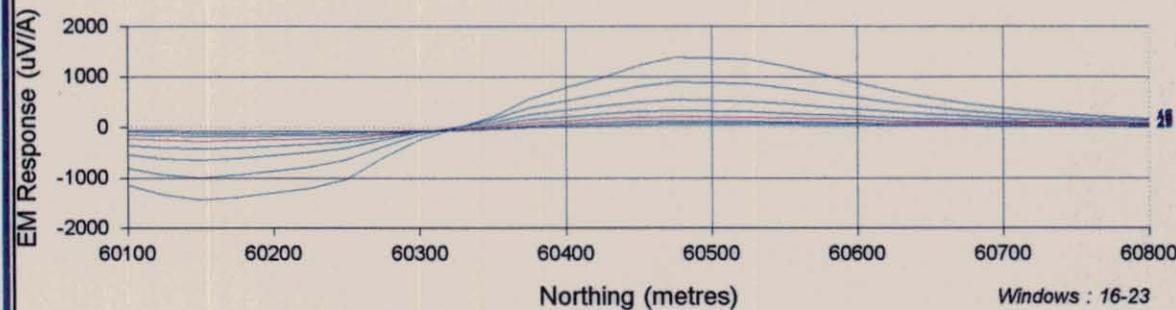
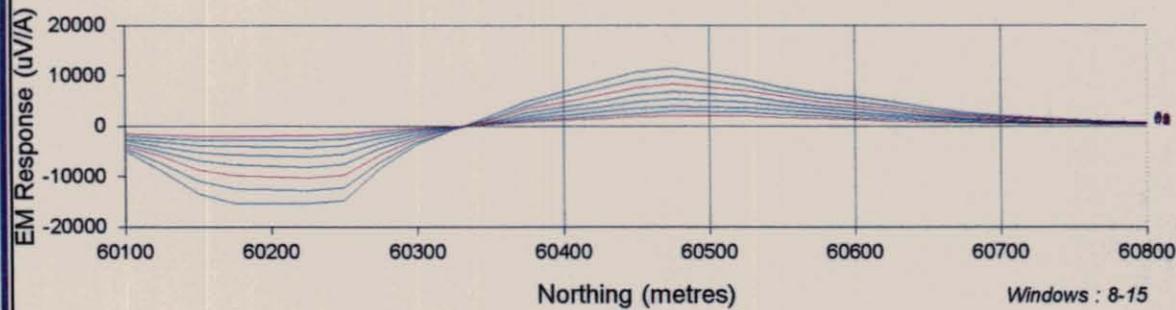
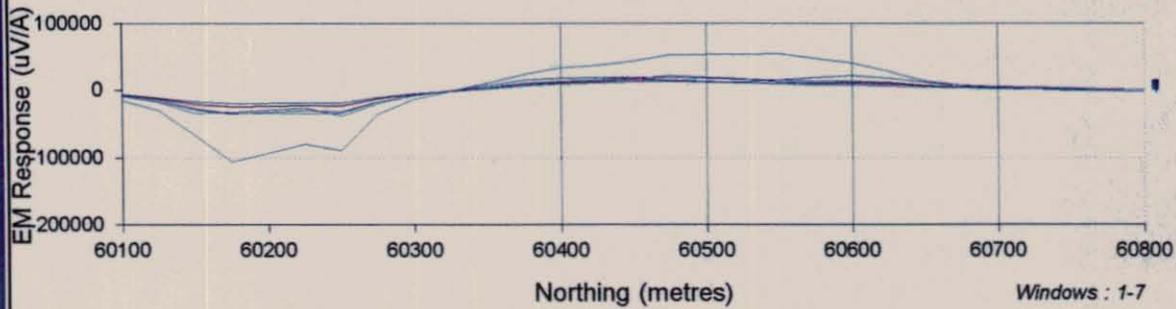
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Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 57900E**

Drawn : ADT

Job No. :

505072



SURVEY PARAMETERS

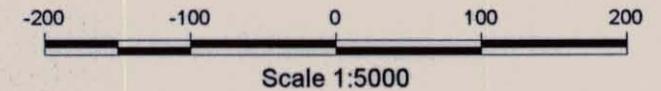
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



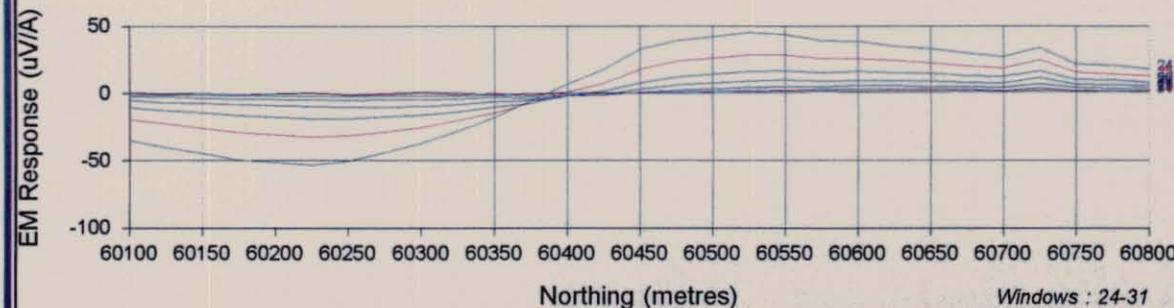
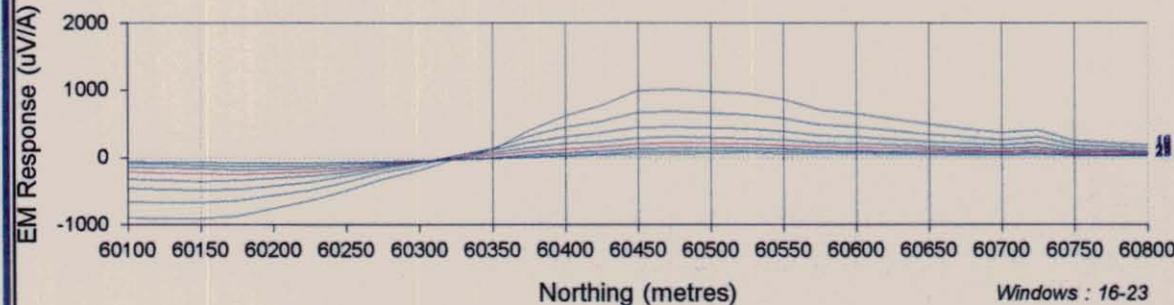
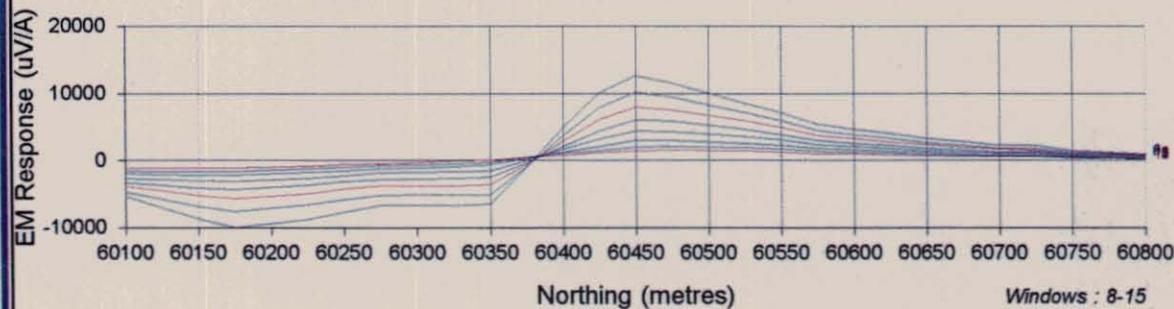
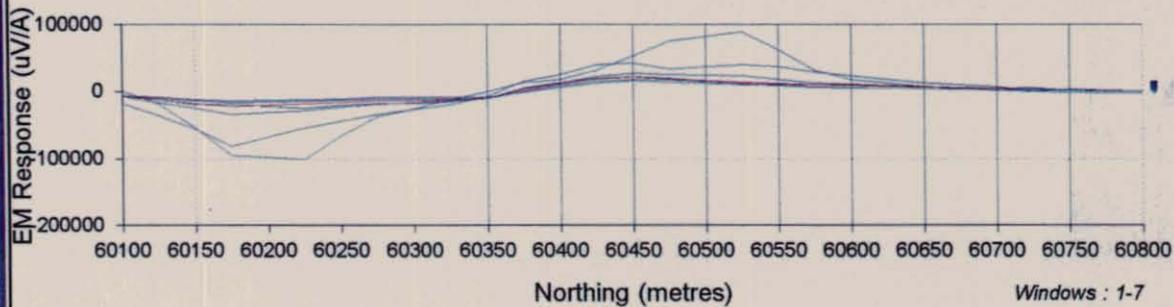
Western Metals Resources

Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 57900E**

Drawn : ADT

Job No. :

505073



SURVEY PARAMETERS

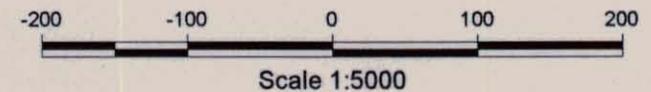
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



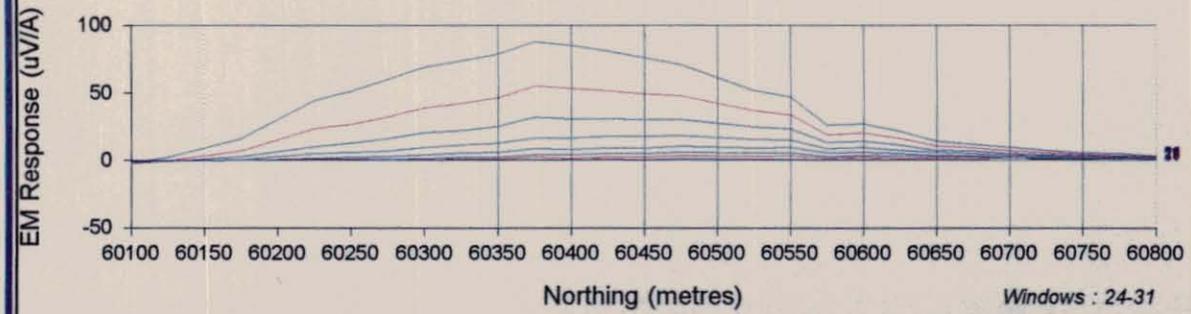
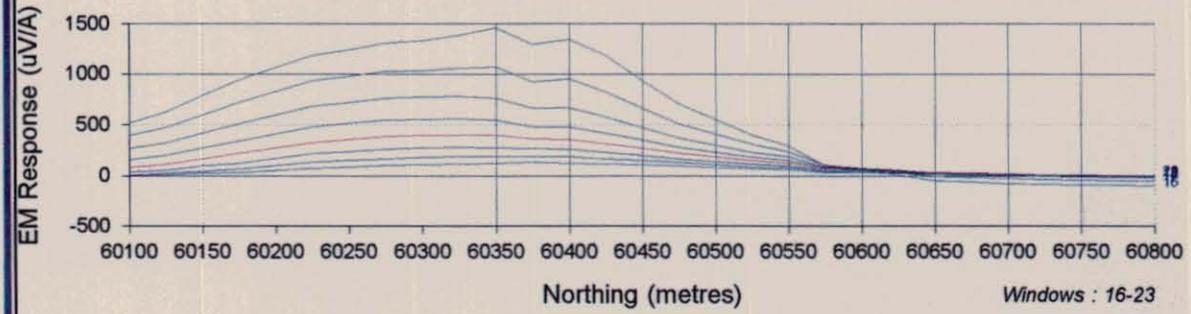
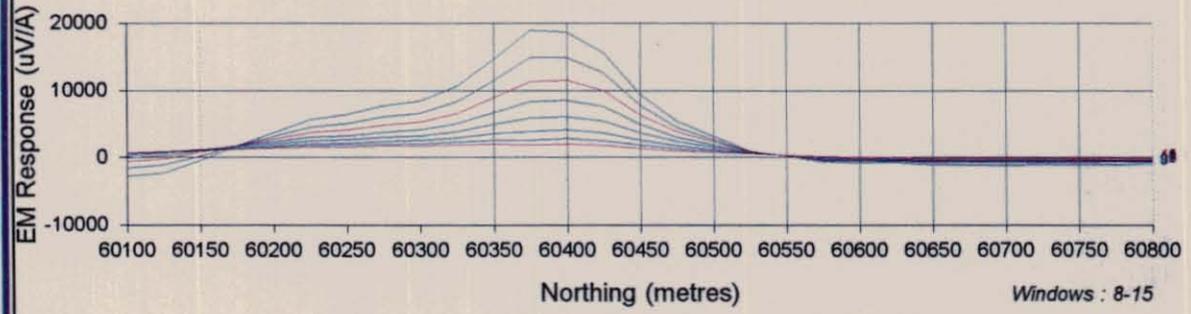
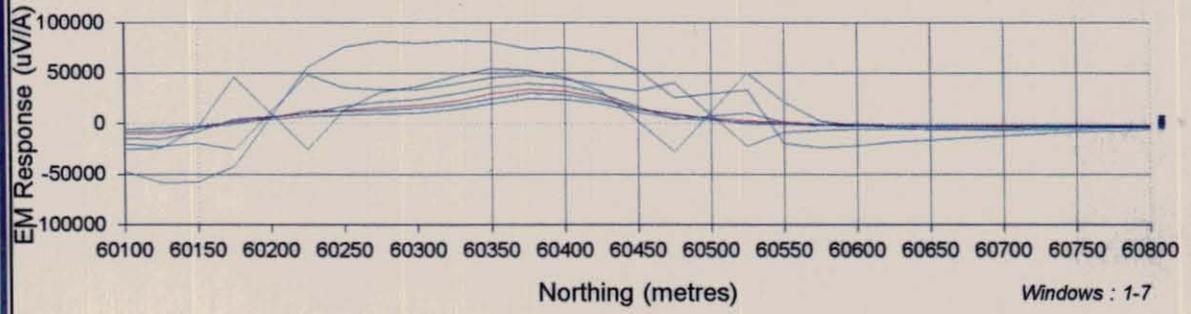
Western Metals Resources

Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58000E**

Drawn : ADT

Job No. :

505074



SURVEY PARAMETERS

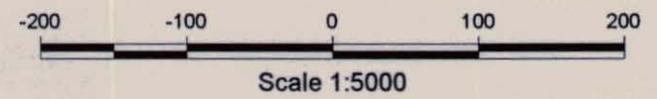
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 3
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



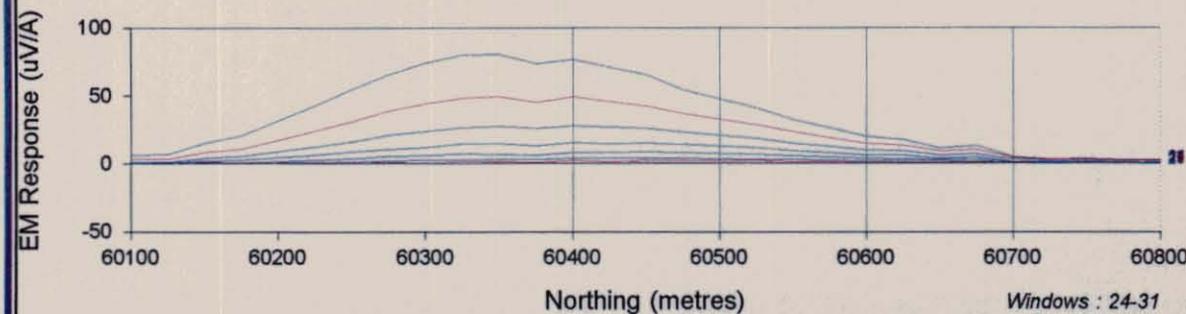
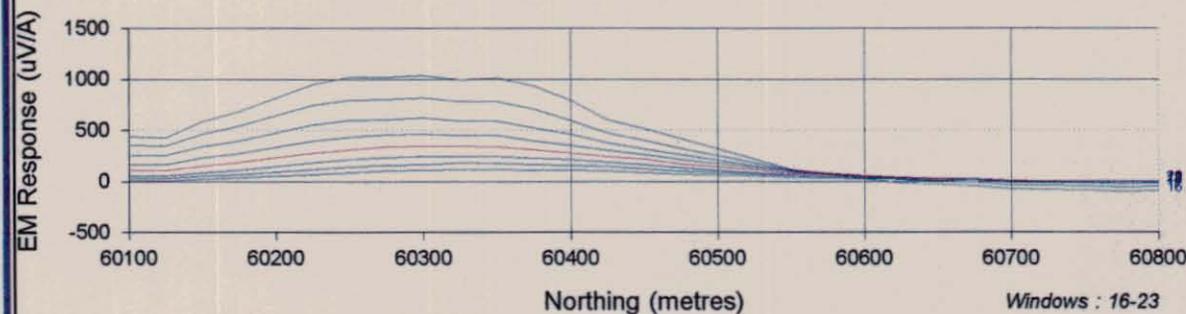
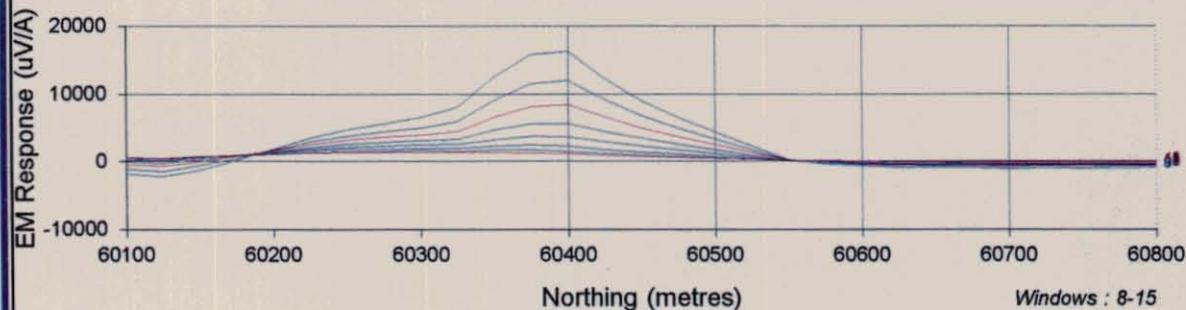
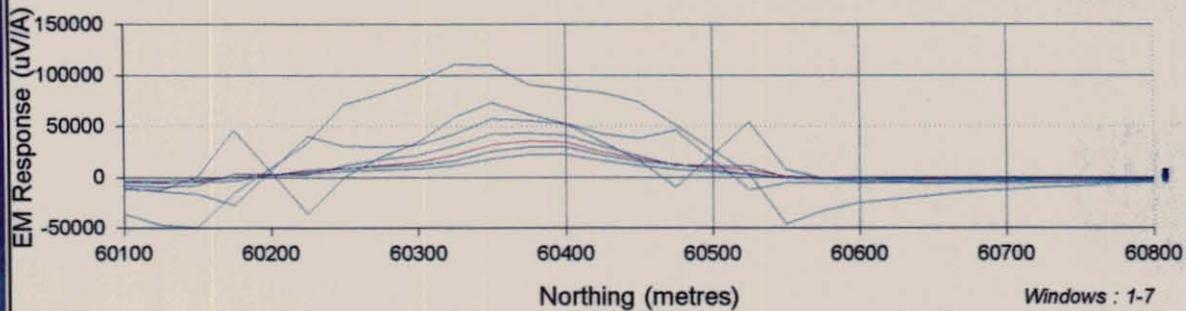
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Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
Line 58000E

Drawn : ADT

Job No. :

505075



SURVEY PARAMETERS

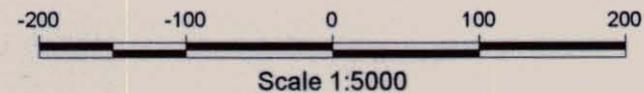
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 3
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



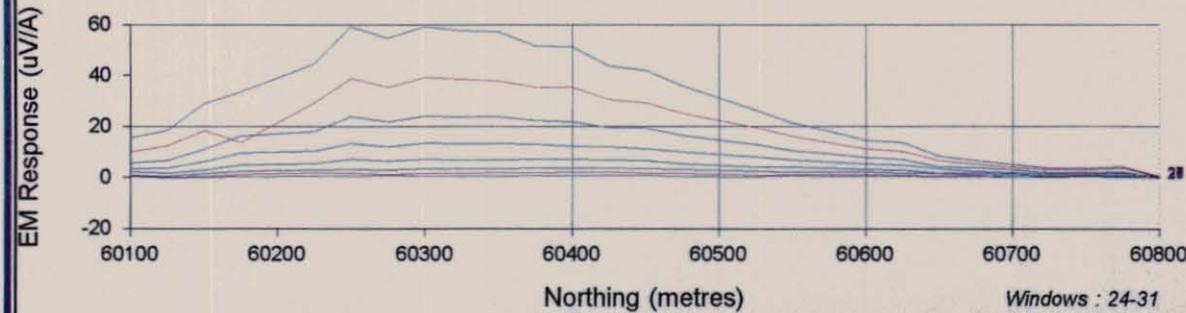
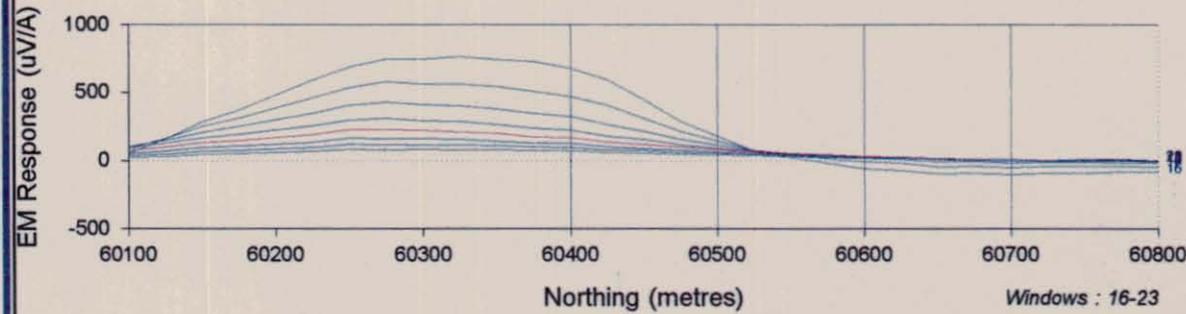
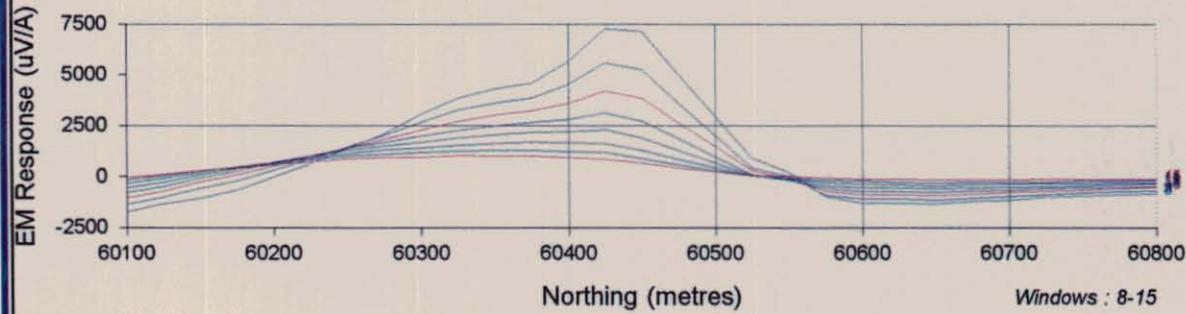
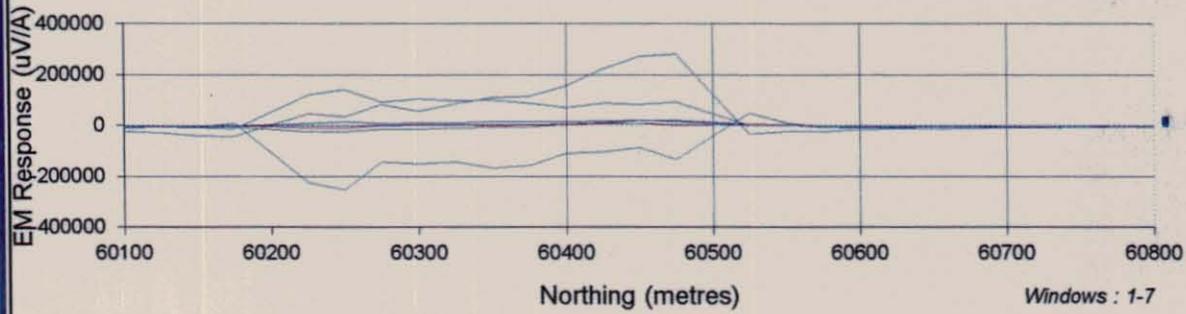
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 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
Line 58100E

Drawn : ADT

Job No. :

505076



SURVEY PARAMETERS

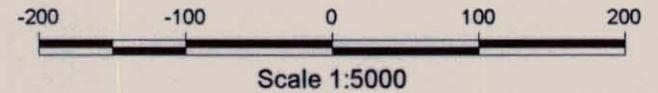
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 3
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



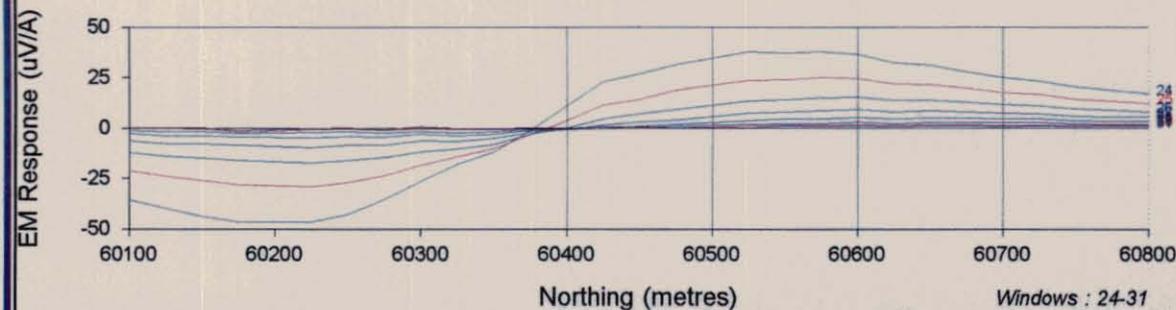
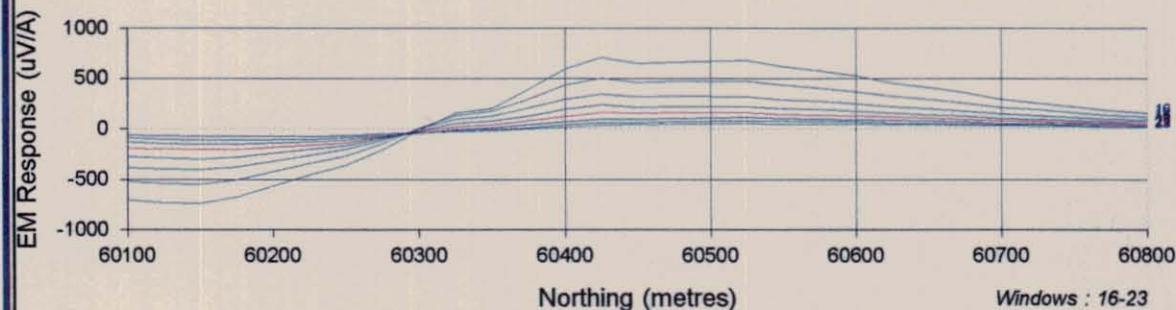
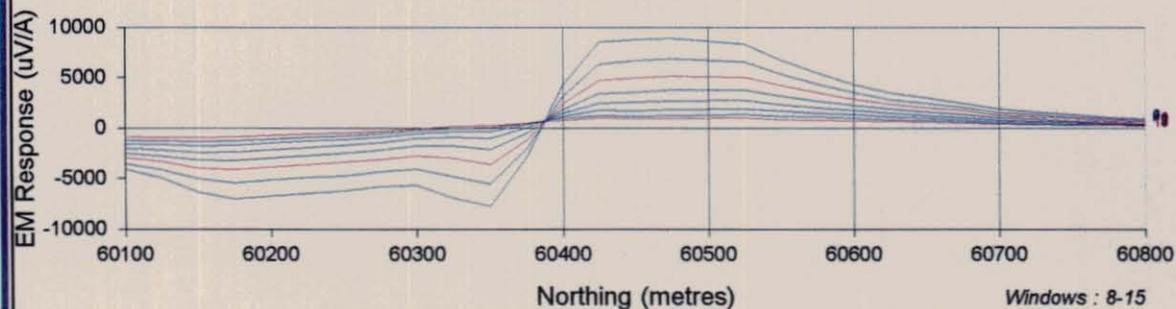
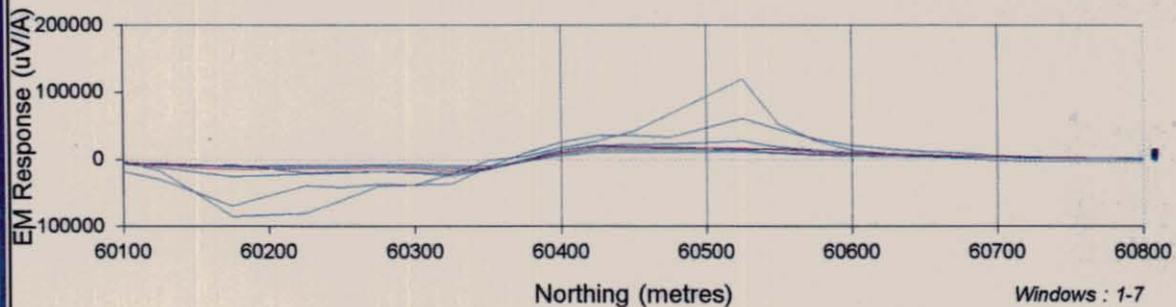
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Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
Line 58200E

Drawn : ADT

Job No. :

20050724



SURVEY PARAMETERS

Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



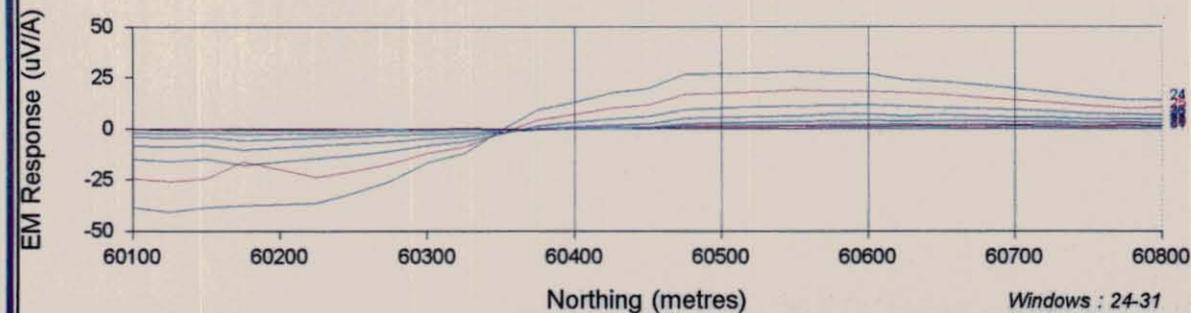
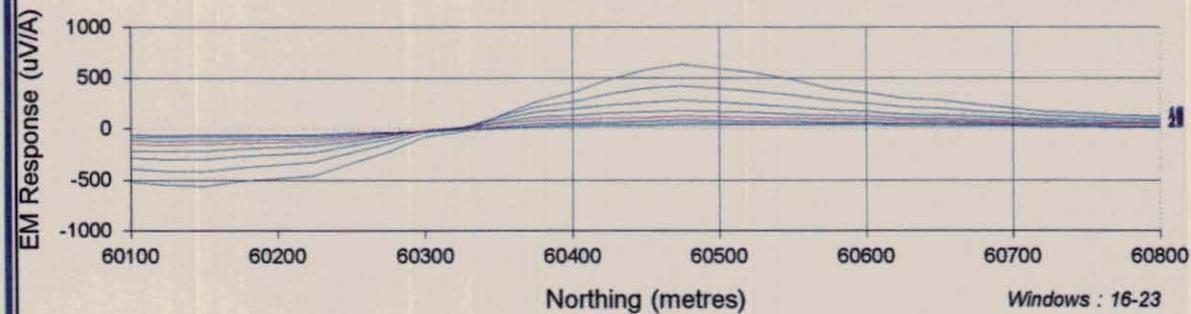
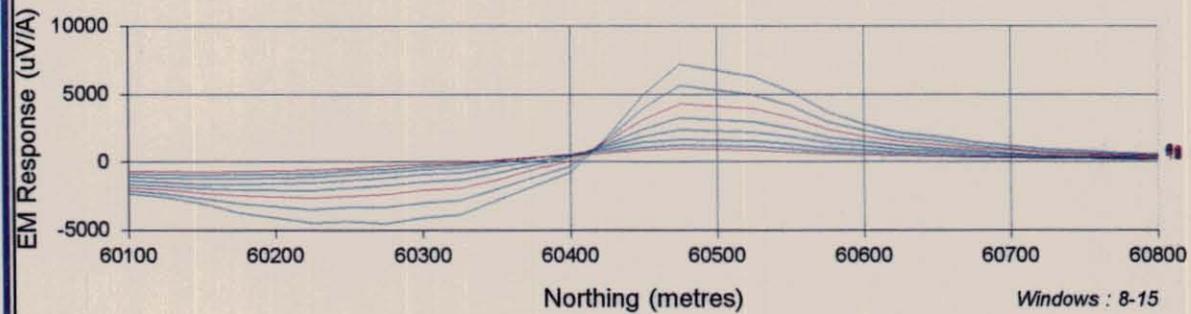
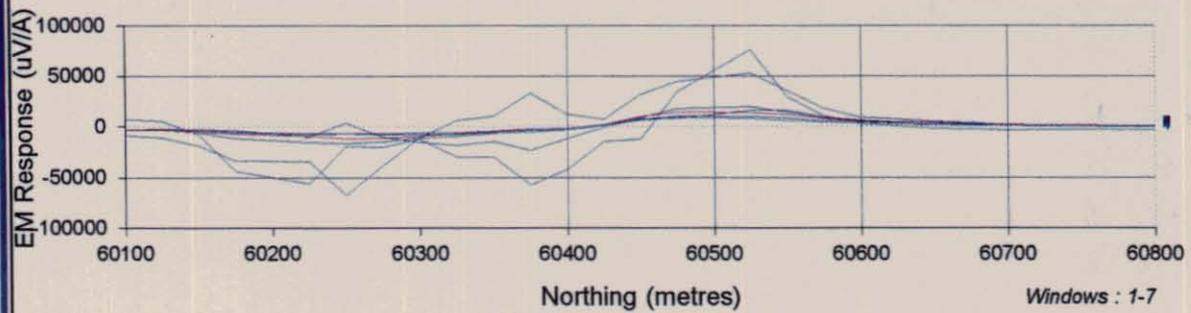
Western Metals Resources

Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58100E**

Drawn : ADT

Job No. :

505078



SURVEY PARAMETERS

Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



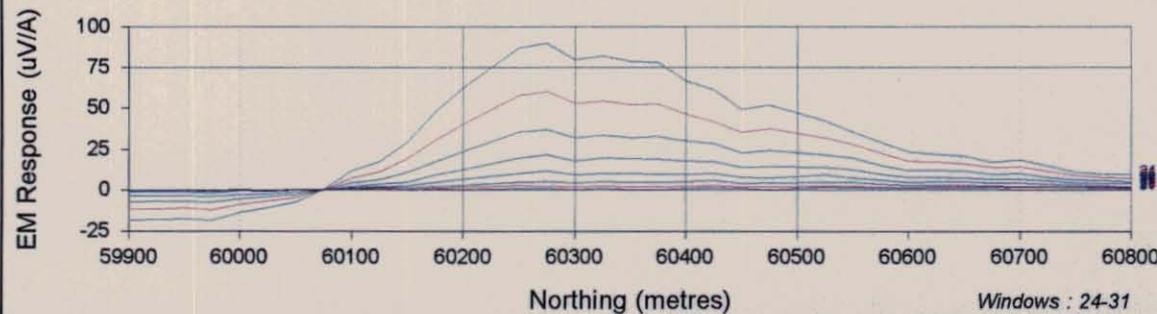
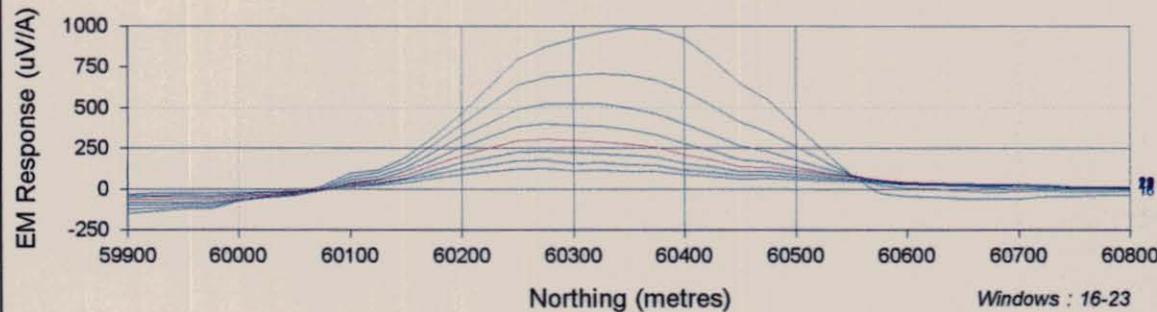
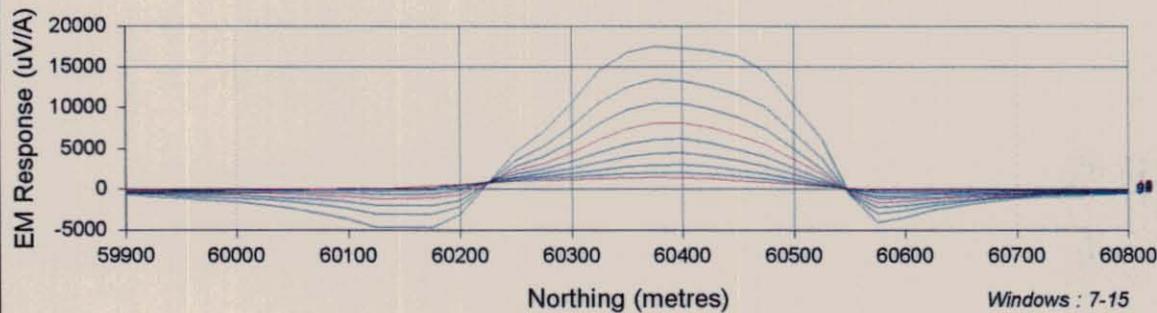
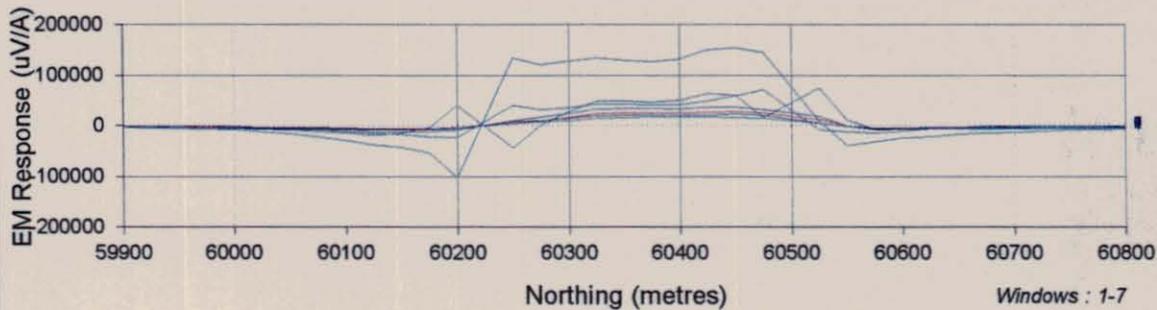
Western Metals Resources

Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58200E**

Drawn : ADT

Job No. :

505079



SURVEY PARAMETERS

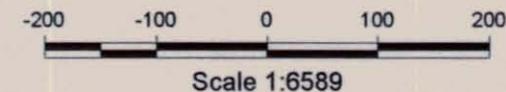
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component :
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 4
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



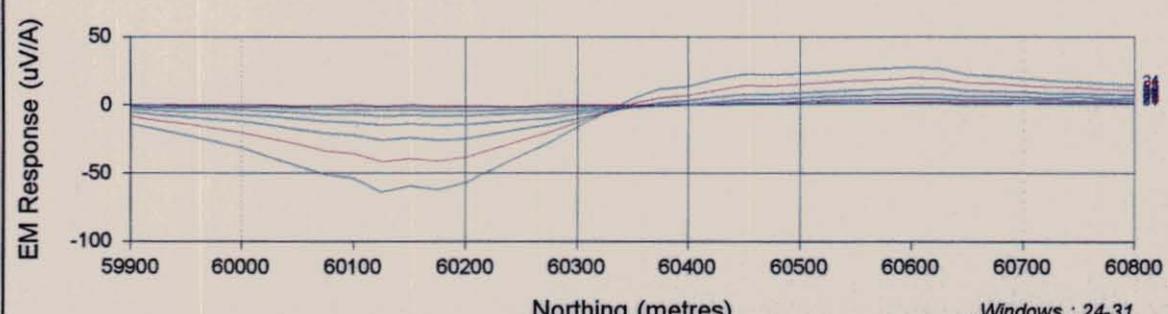
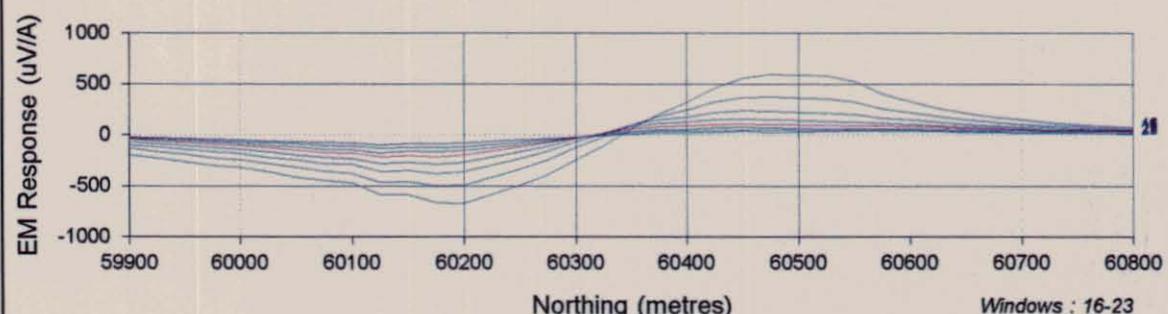
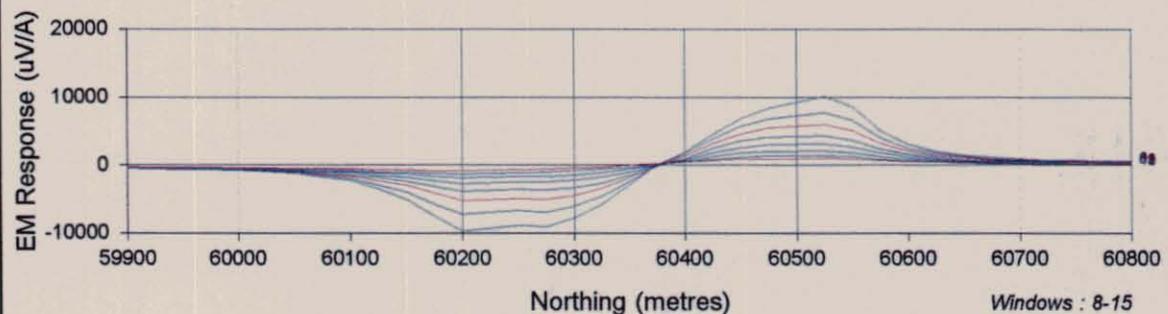
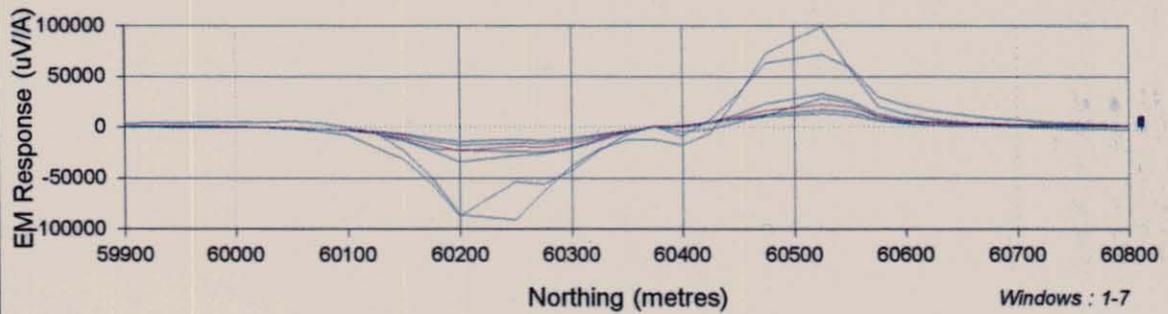
Western Metals Resources

Comstock Prospect Fixed Loop EM Survey STACKED PROFILES OF Z COMPONENT EM RESPONSE Line 58300E

Drawn : ADT

Figure :

505080



SURVEY PARAMETERS

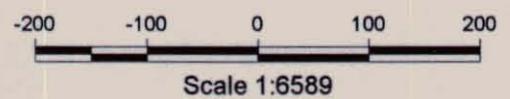
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : X
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 4
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us

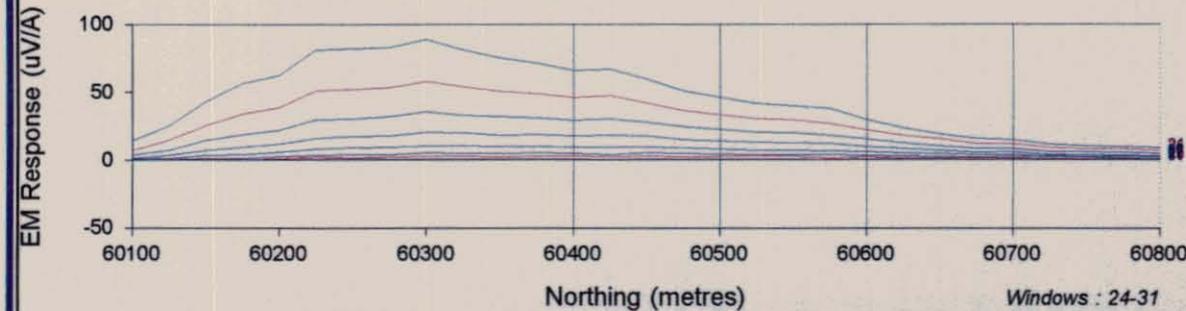
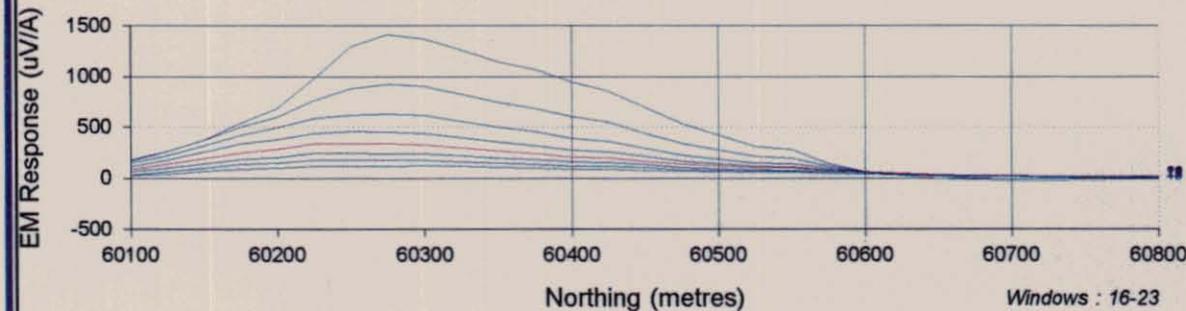
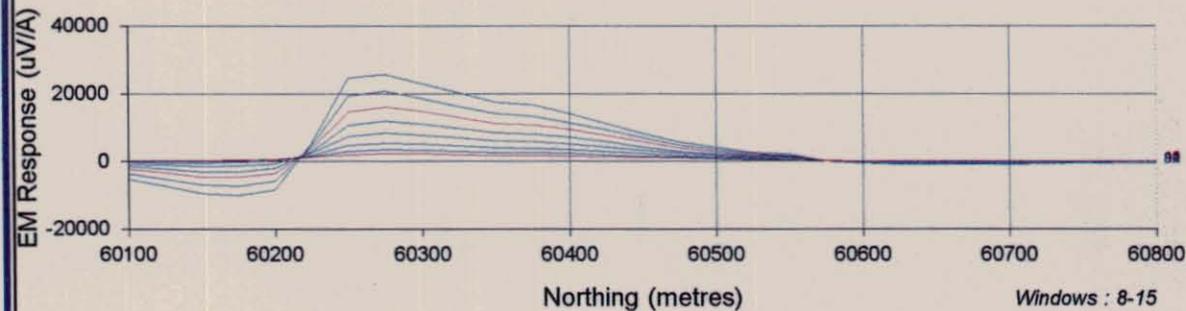
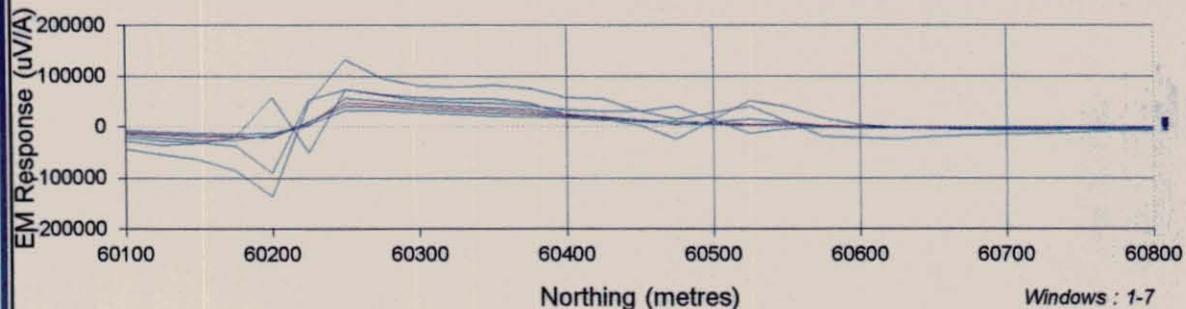


Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 X COMPONENT EM RESPONSE
Line 58300E

Drawn : ADT
 Job No. :

505081



SURVEY PARAMETERS

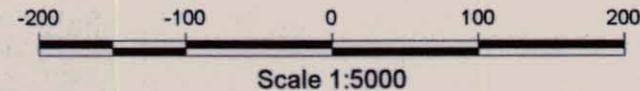
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 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : Z
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 4
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us

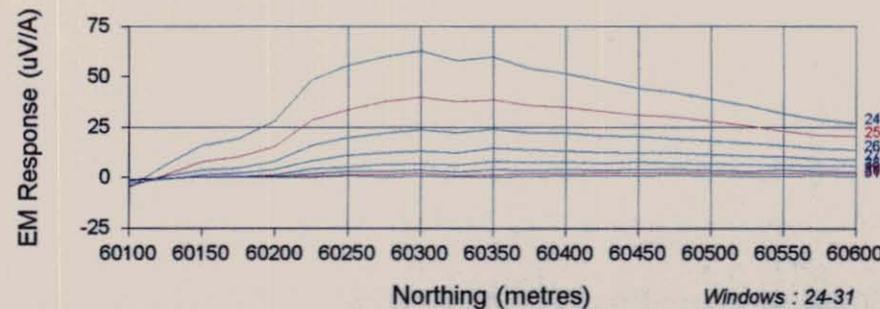
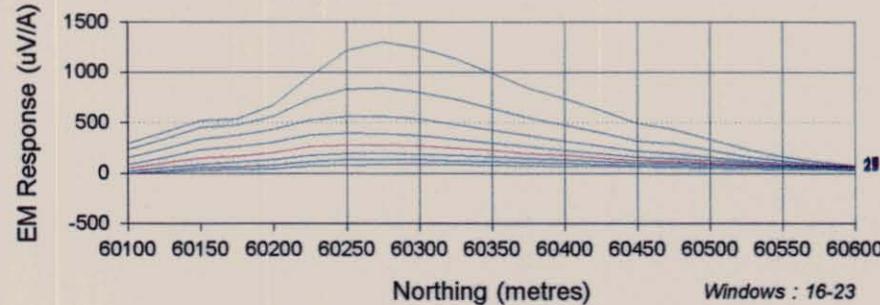
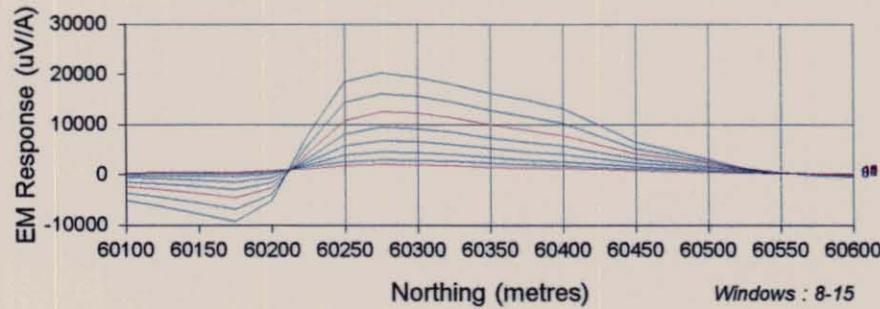
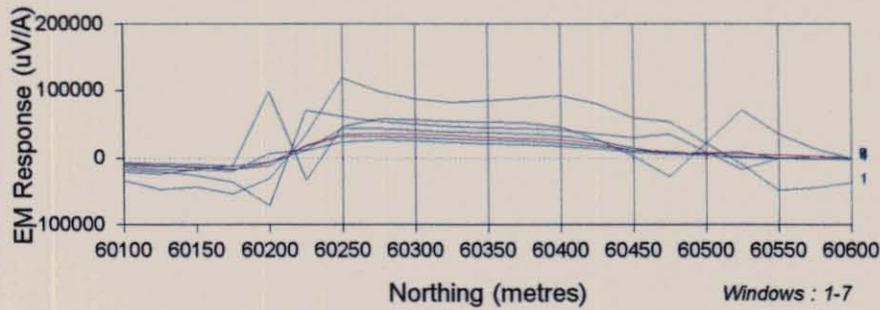


Western Metals Resources

**Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 Z COMPONENT EM RESPONSE
 Line 58400E**

Drawn : ADT
 Job No. :

505082



SURVEY PARAMETERS

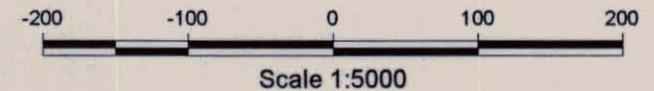
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 4
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



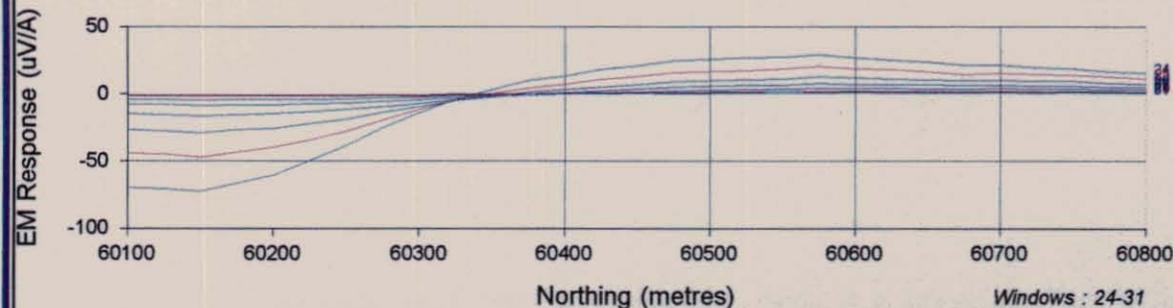
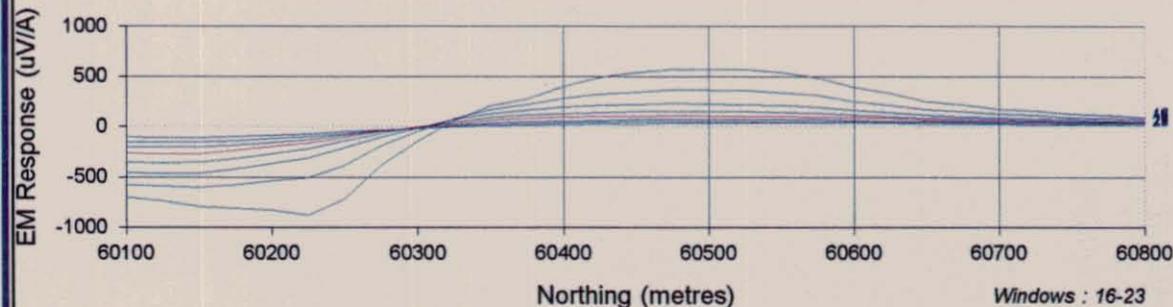
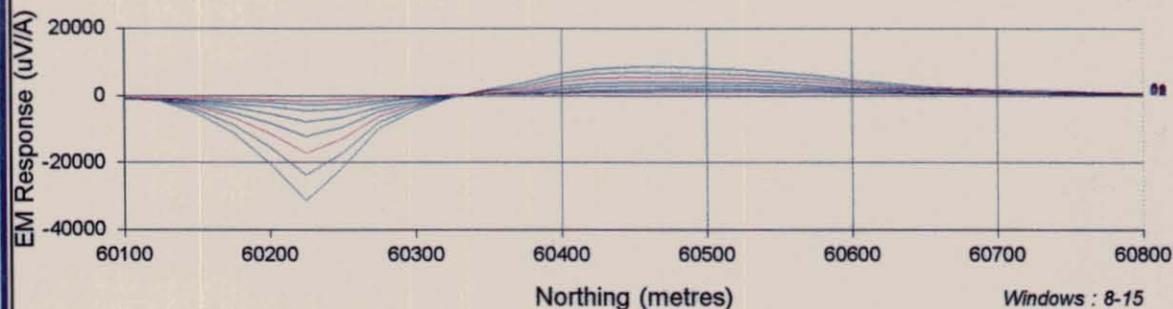
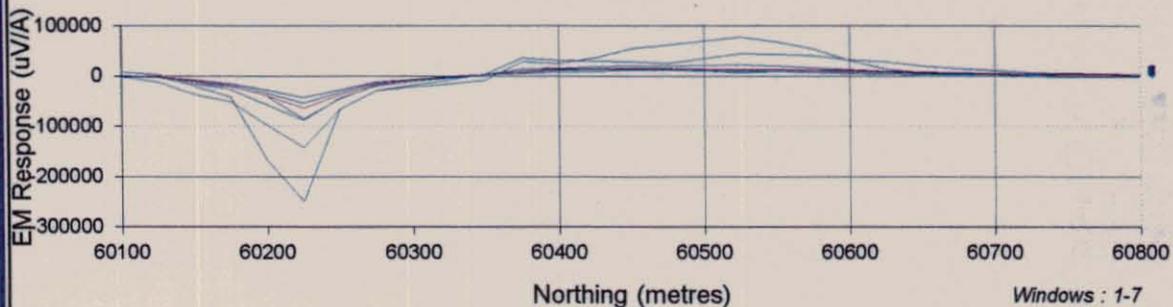
Western Metals Resources

Comstock Prospect
Ground EM Survey
**STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58500E**

Drawn : ADT

Job No. :

505083



SURVEY PARAMETERS

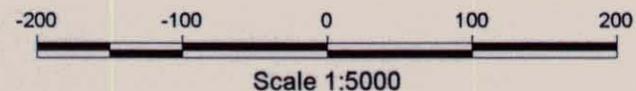
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 4
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



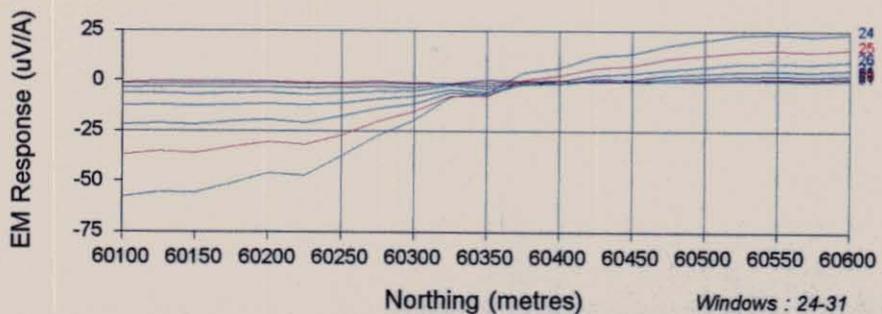
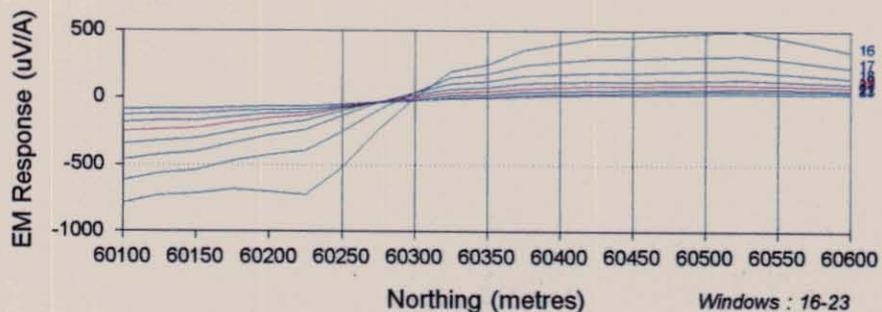
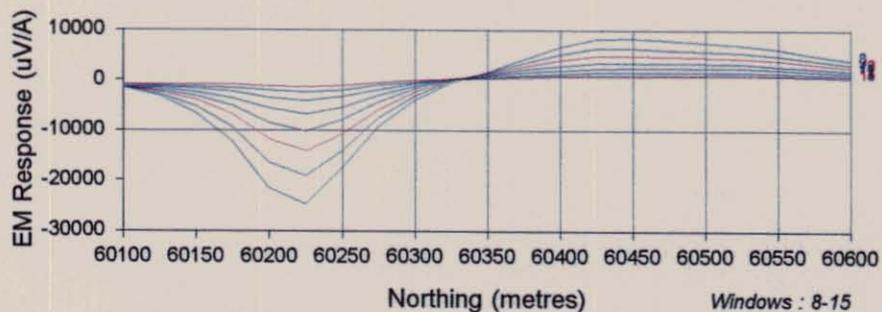
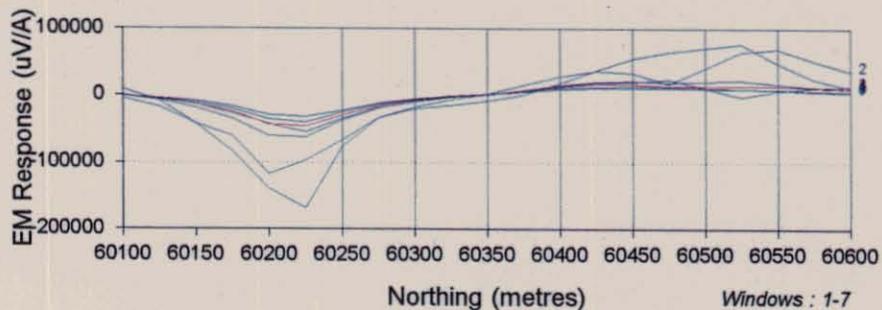
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58400E

Drawn : ADT

Job No. :

505084



SURVEY PARAMETERS

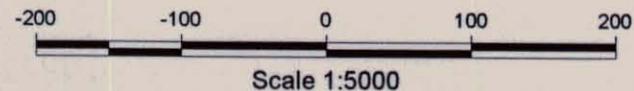
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : X
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 4
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



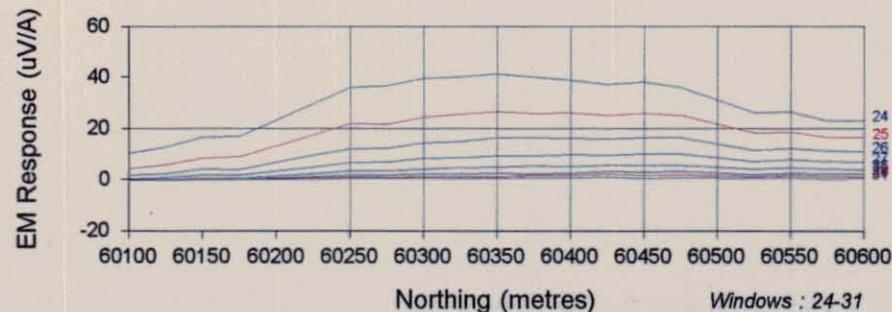
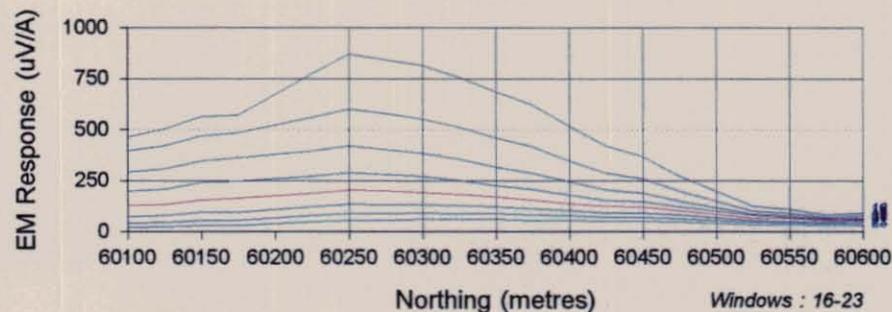
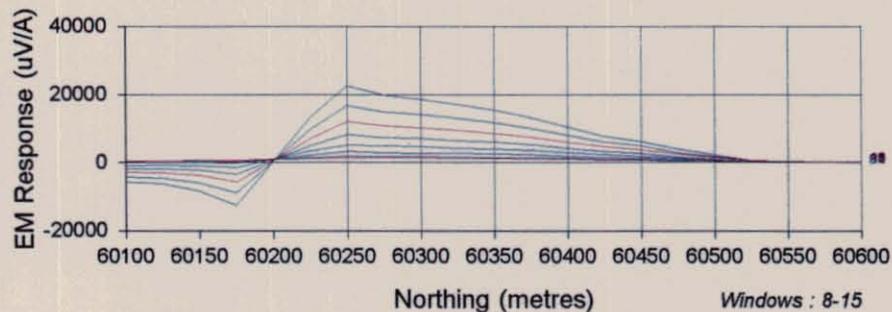
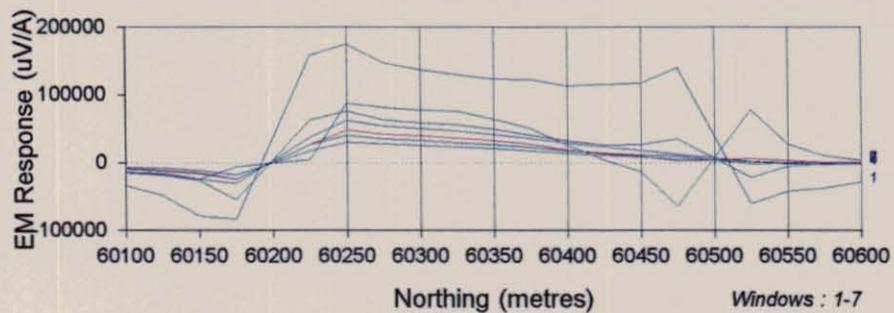
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
X COMPONENT EM RESPONSE
Line 58500E

Drawn : ADT

Job No. :

58500E



SURVEY PARAMETERS

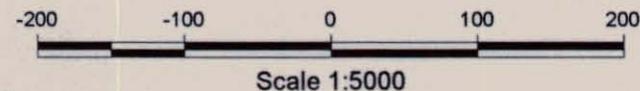
Configuration : Fixed Loop
Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 4
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



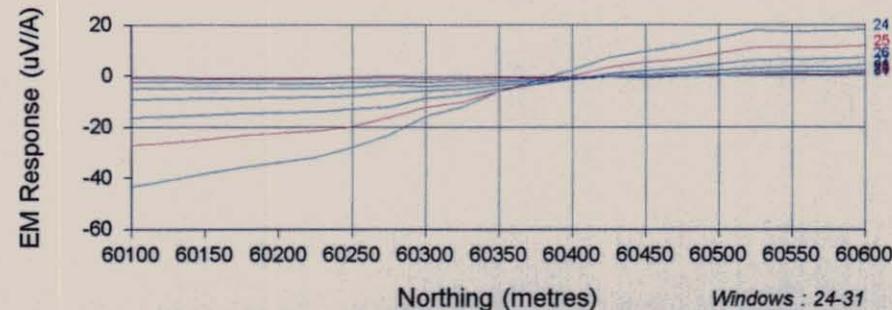
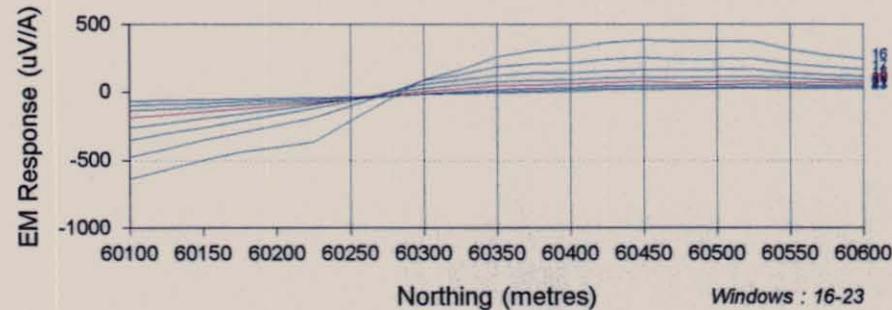
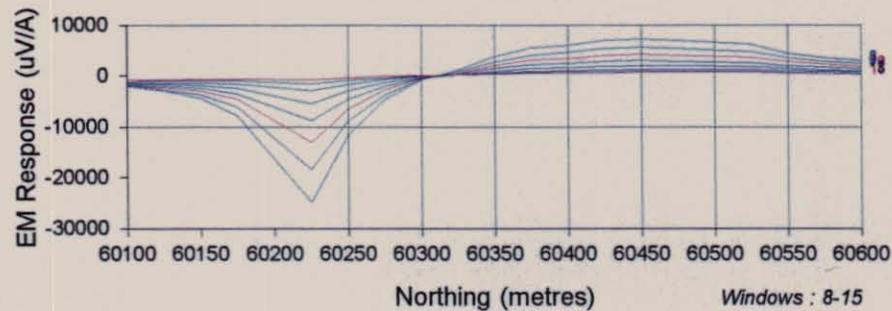
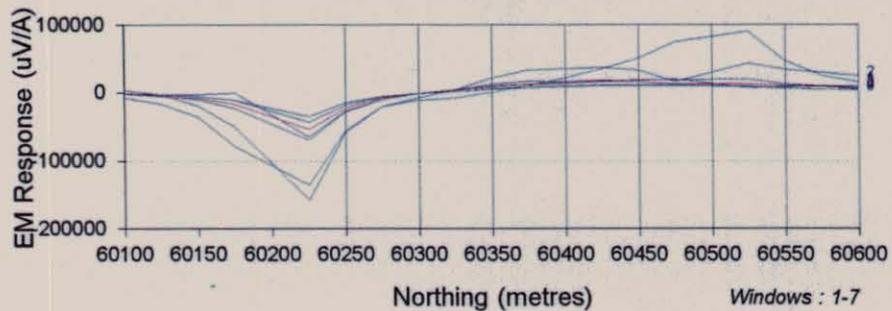
Western Metals Resources

Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58600E

Drawn : ADT

Job No. :

505086



SURVEY PARAMETERS

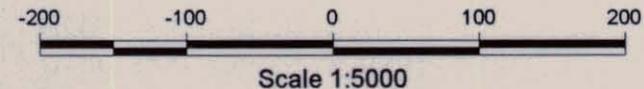
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : X
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 4
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



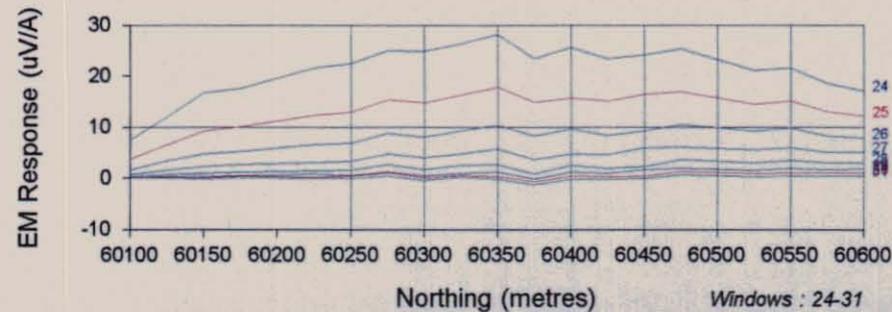
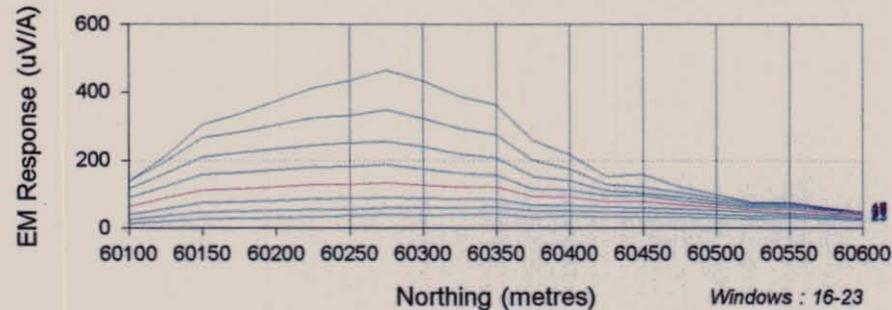
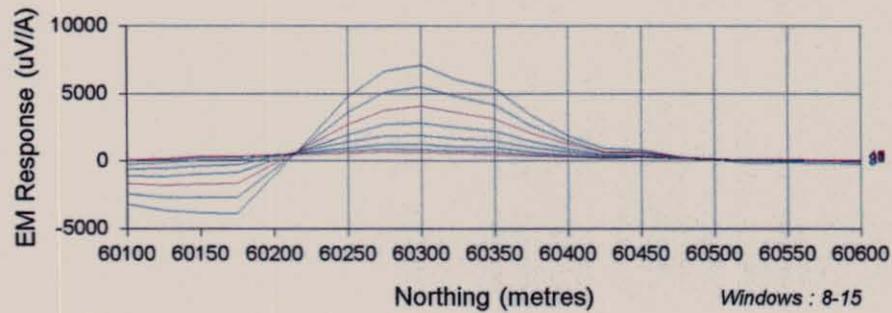
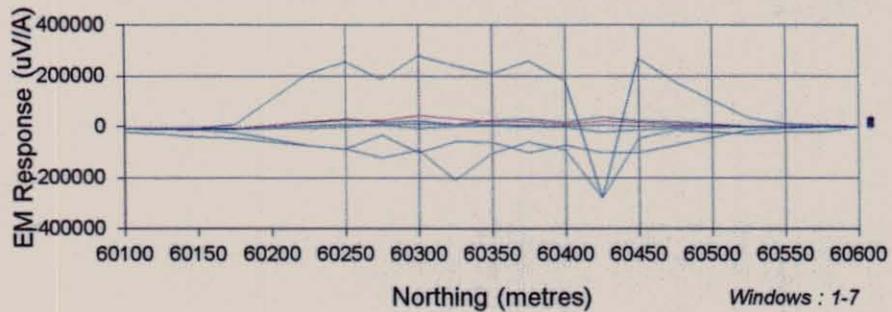
Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 X COMPONENT EM RESPONSE
Line 58600E

Drawn : ADT

Job No. :

505087



SURVEY PARAMETERS

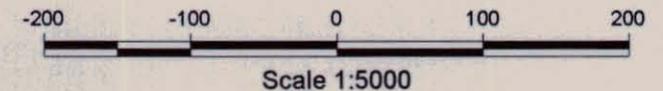
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Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : Z
Rx Coil : Zonge TEM-3
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 4
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 14 A
Turn Off : 150 us



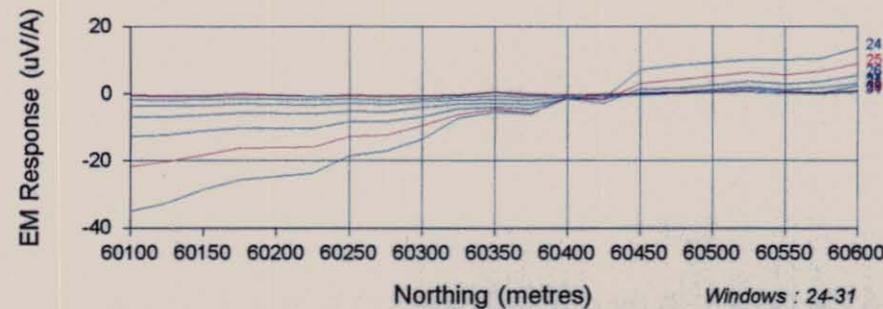
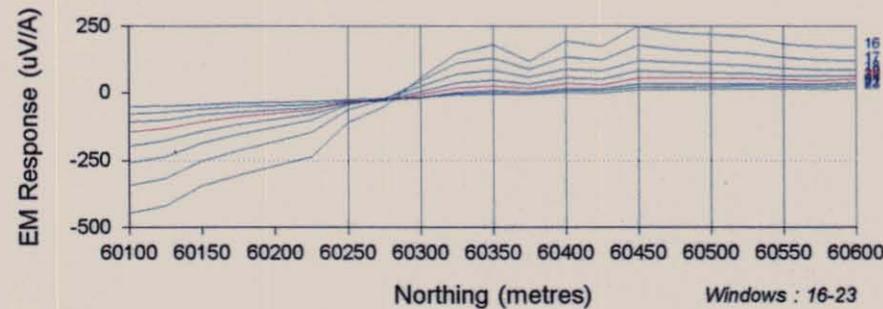
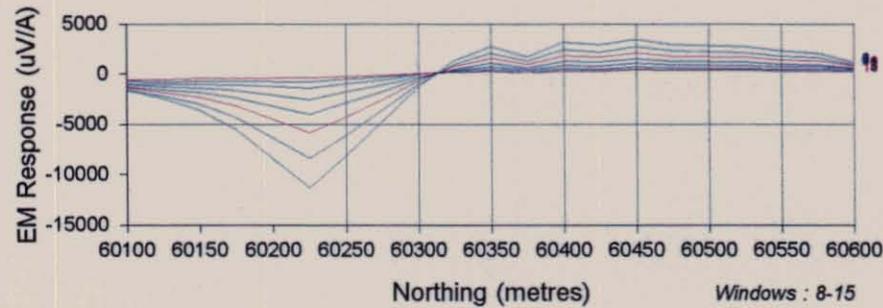
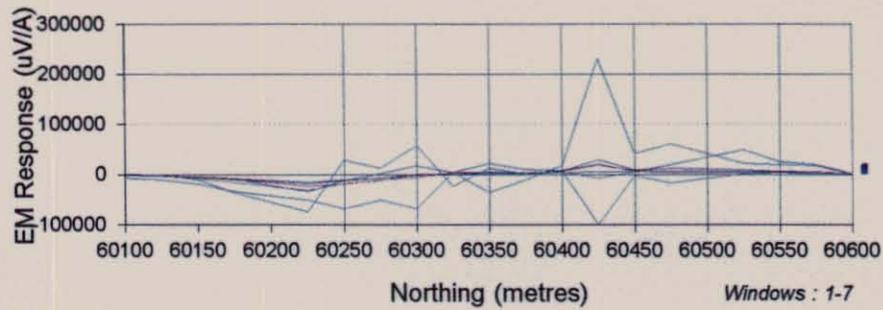
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Comstock Prospect
Ground EM Survey
STACKED PROFILES OF
Z COMPONENT EM RESPONSE
Line 58700E

Drawn : ADT

Job No. :

58700E



SURVEY PARAMETERS

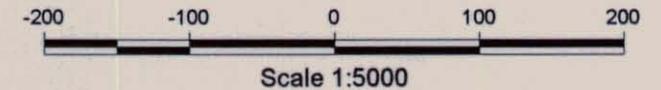
Configuration : Fixed Loop
 Station Spacing : 25 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : X
 Rx Coil : Zonge TEM-3
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 4
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 14 A
 Turn Off : 150 us



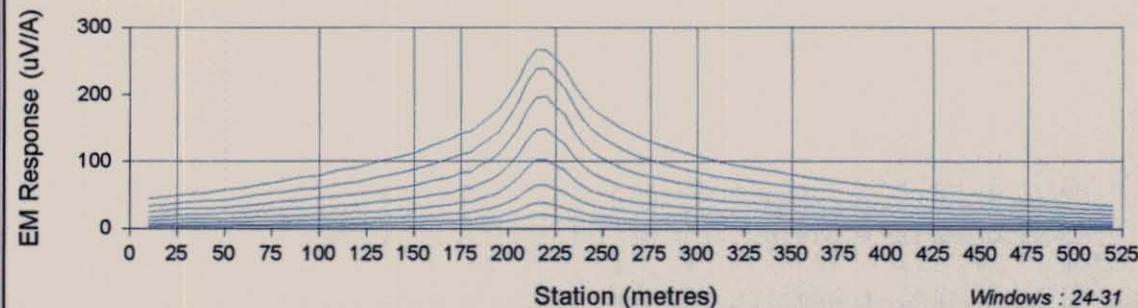
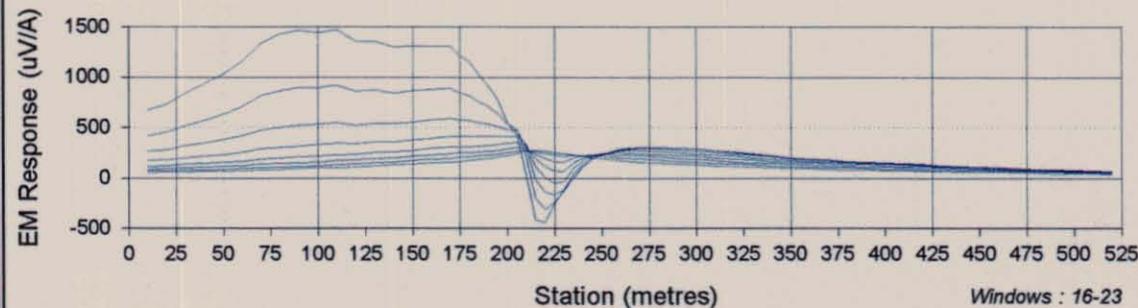
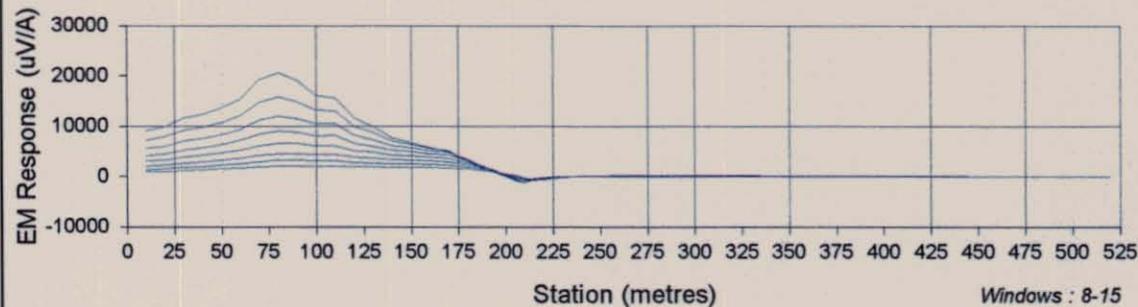
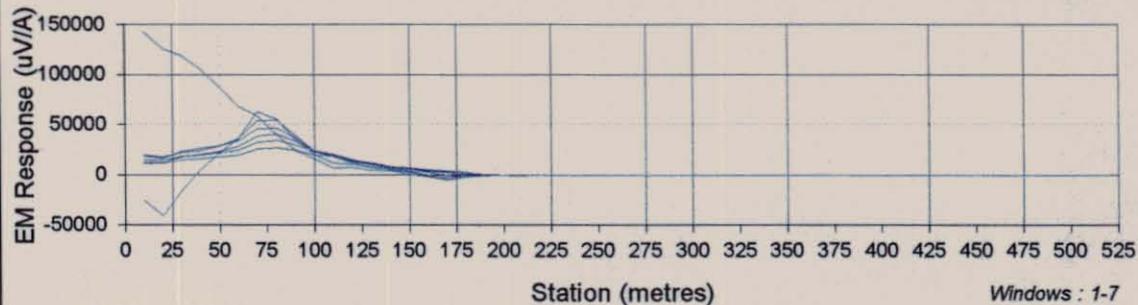
Western Metals Resources

Comstock Prospect
 Ground EM Survey
 STACKED PROFILES OF
 X COMPONENT EM RESPONSE
Line 58700E

Drawn : ADT

Job No. :

680507



SURVEY PARAMETERS

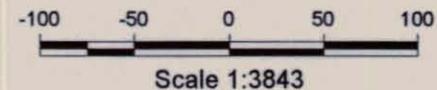
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 Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : Unknown
 Component : A
 Rx Coil : Sirotem Slimline Probe
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 1
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 16 A
 Turn Off : 150 us



Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 STACKED PROFILES OF
 AXIAL COMPONENT EM RESPONSE
 Hole SY017**

Drawn : ADT

Figure :

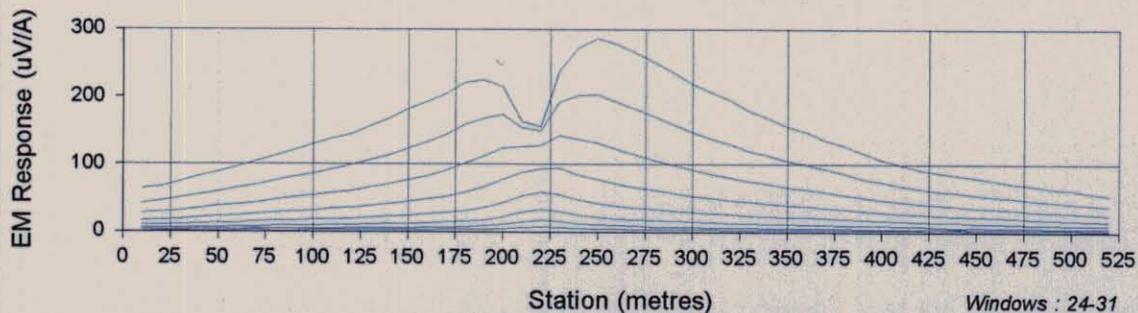
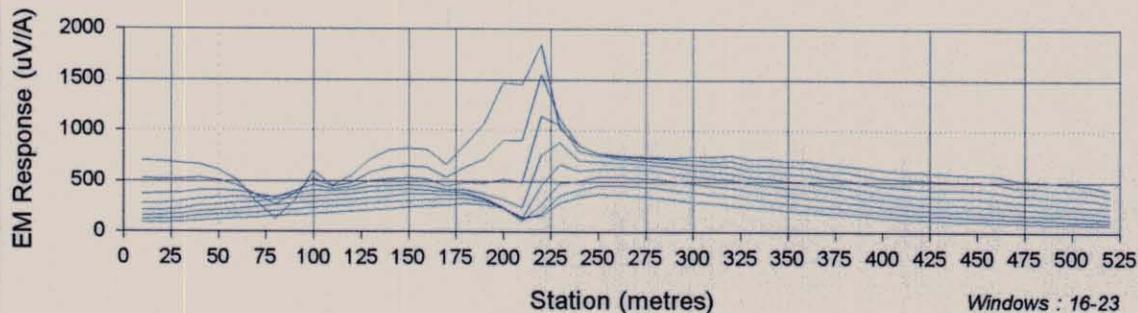
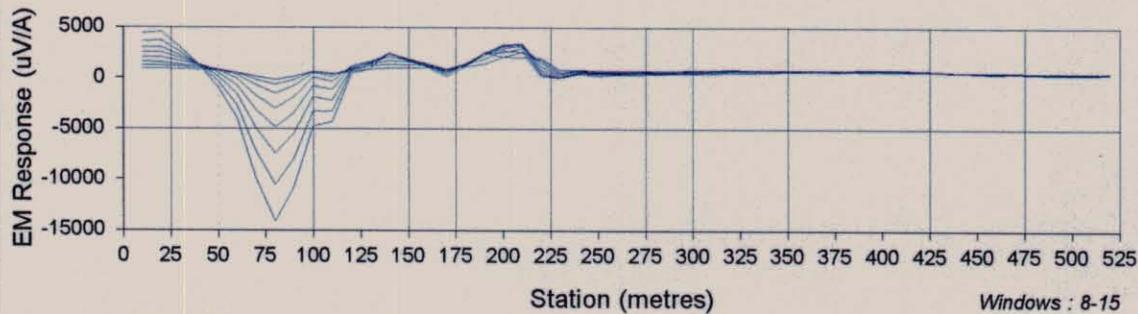
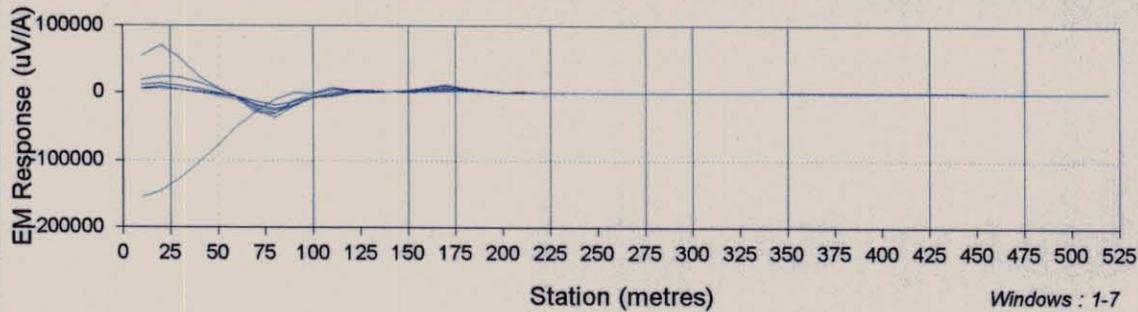
505090

APPENDIX II

Downhole EM Profiles

Comstock Prospect

Axial (Hz) component



SURVEY PARAMETERS

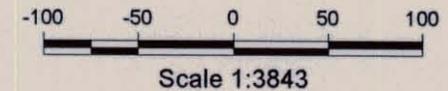
Configuration : Downhole
Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : Unknown
Component : A
Rx Coil : Sirotem Slimline Probe
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000 m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 16 A
Turn Off : 150 us



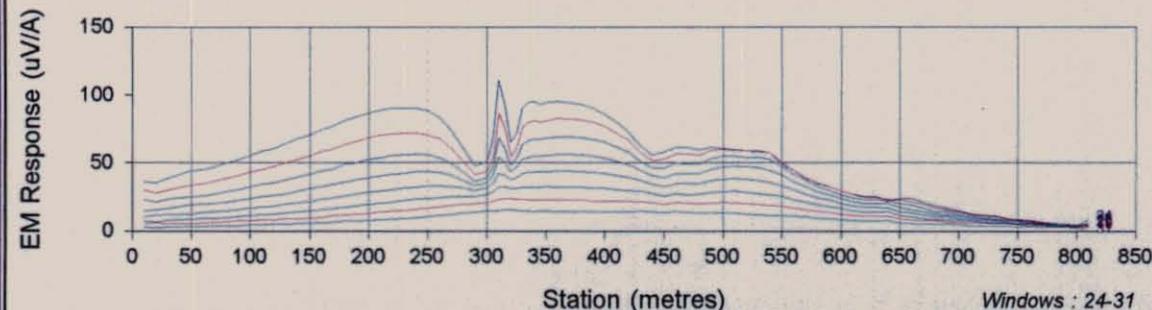
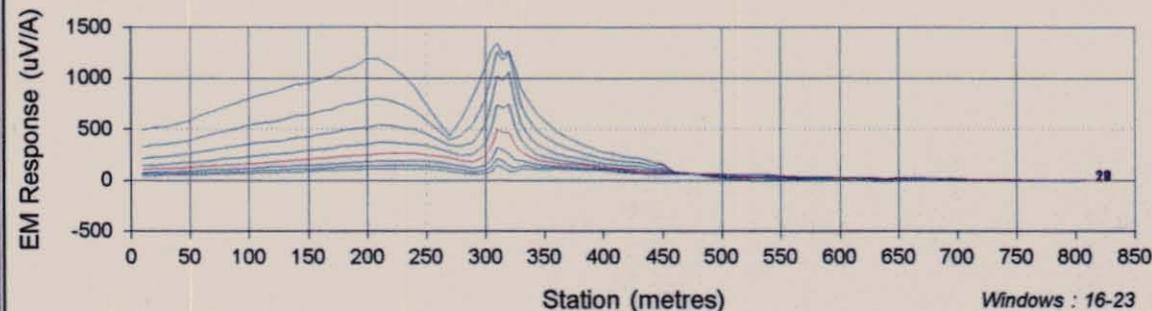
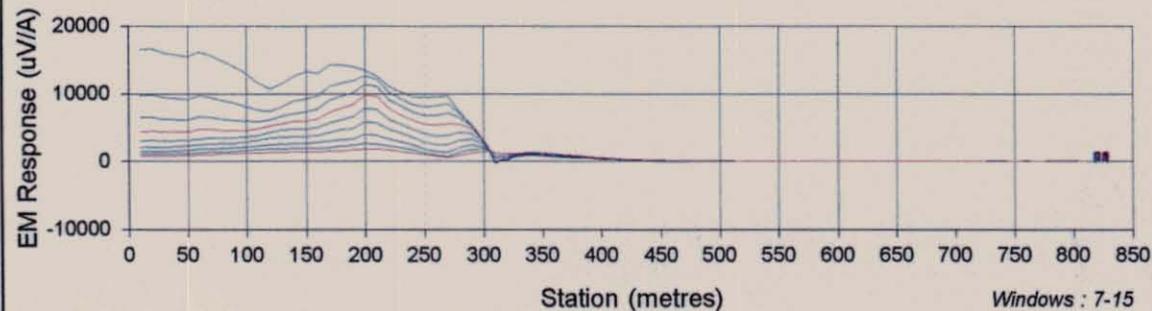
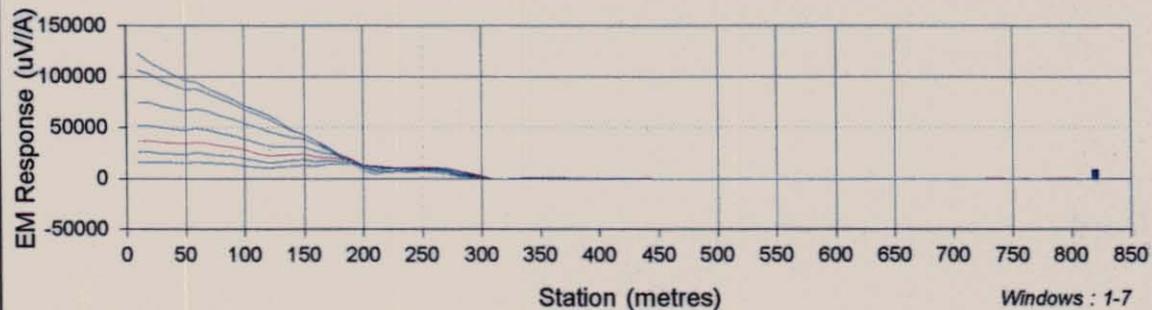
Western Metals Resources

Comstock Prospect Downhole EM Survey STACKED PROFILES OF AXIAL COMPONENT EM RESPONSE Hole SY017

Drawn : ADT

Figure :

505092



SURVEY PARAMETERS

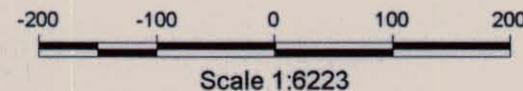
Configuration : Downhole
 Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : A
 Rx Coil : Sirotem Slimline Probe
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 1
 Tx Area : 150000m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 16 A
 Turn Off : 100 us

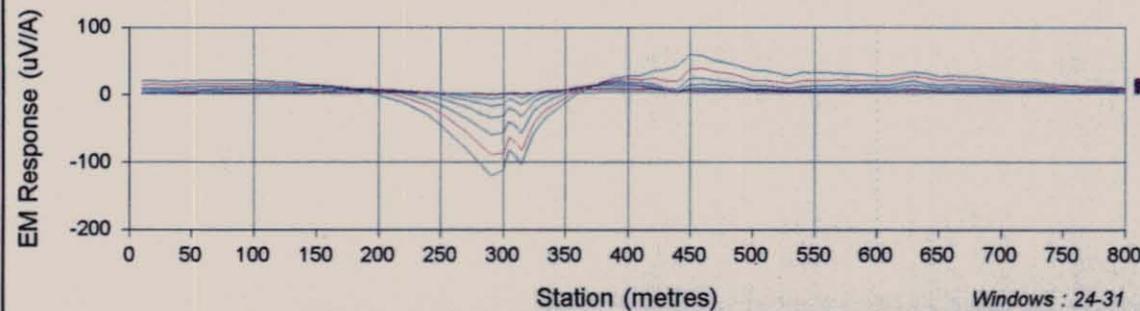
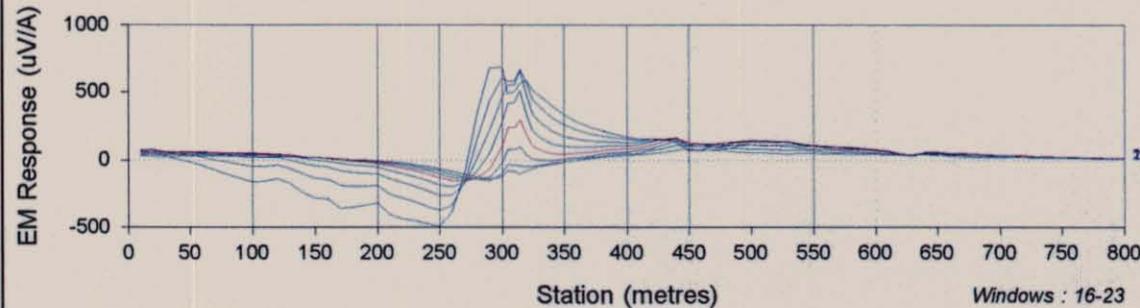
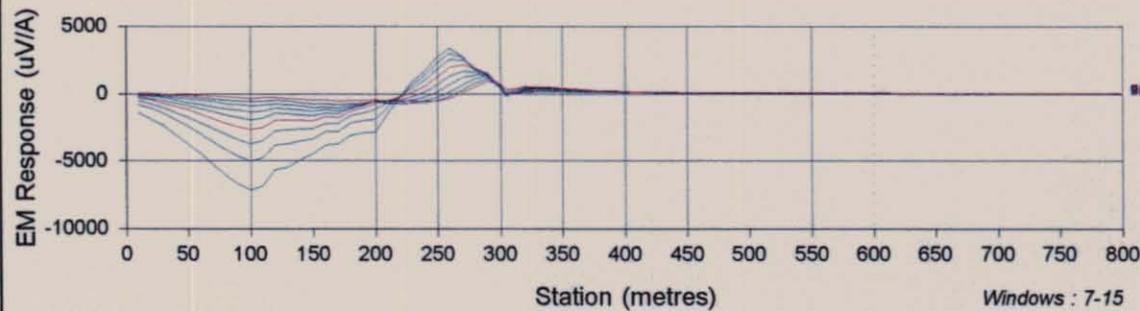
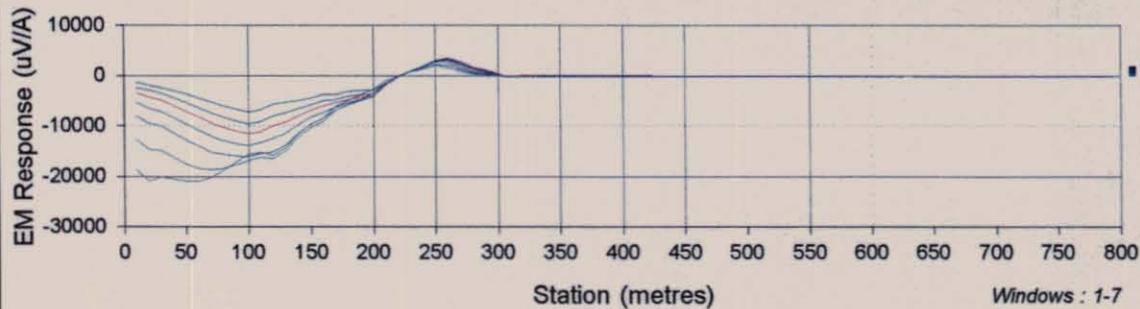


Western Metals Resources

Comstock Prospect
 Downhole EM Survey
 STACKED PROFILES OF
 AXIAL COMPONENT EM RESPONSE
Hole SY018

Drawn : ADT
 Job No. :

505093



SURVEY PARAMETERS

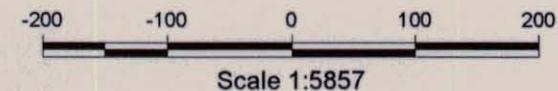
Configuration : Downhole
Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : A
Rx Coil : Sirotem Slimline Probe
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 3
Tx Area : 150000m²
Tx X Loop Side : 500 m
Tx Y Loop Side : 300 m
Tx Turns : 1
Tx Current : 16 A
Turn Off : 100 us



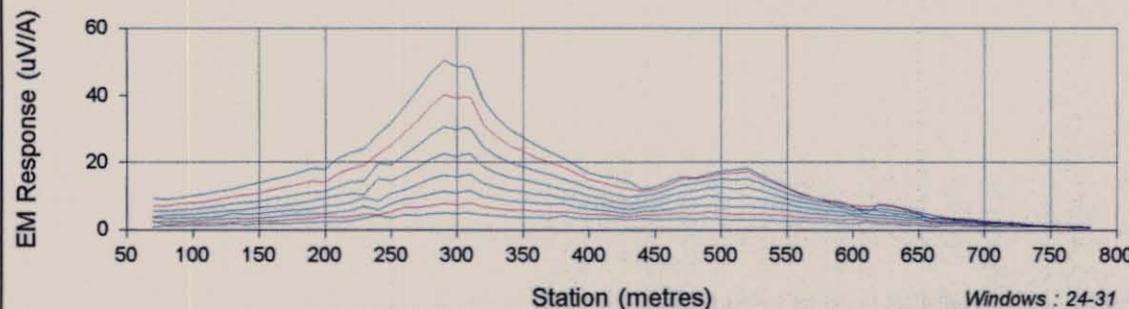
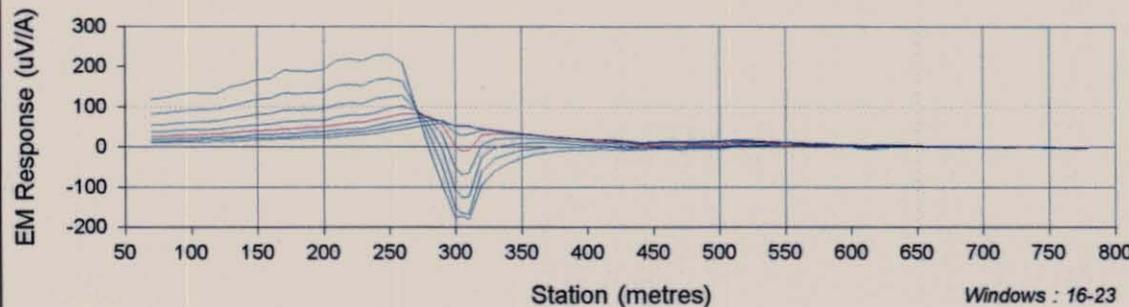
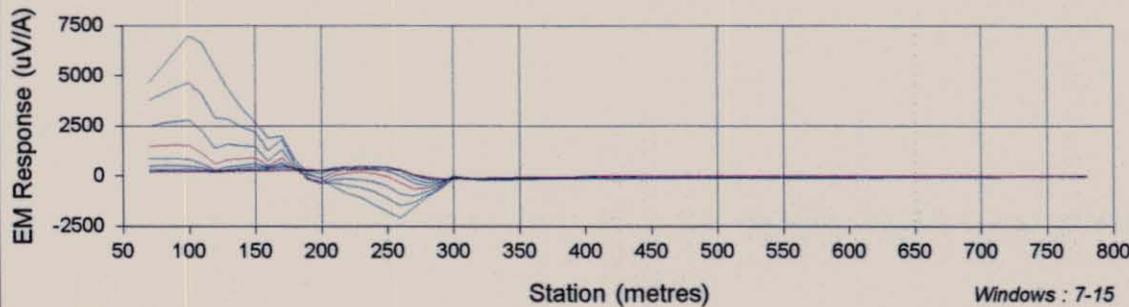
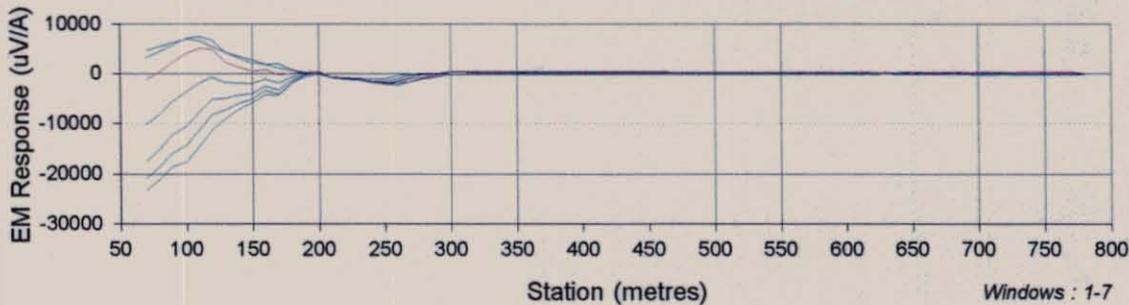
Western Metals Resources

Comstock Prospect
Downhole EM Survey
STACKED PROFILES OF
AXIAL COMPONENT EM RESPONSE
Hole SY018

Drawn : ADT

Job No. :

505094



SURVEY PARAMETERS

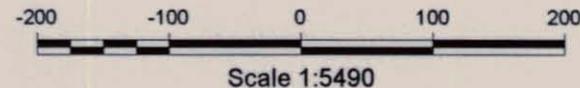
Configuration : Downhole
 Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : A
 Rx Coil : Sirotem Slimline Probe
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 5
 Tx Area : 150000 m²
 Tx X Loop Side : 500 m
 Tx Y Loop Side : 300 m
 Tx Turns : 1
 Tx Current : 16 A
 Turn Off : 150 us



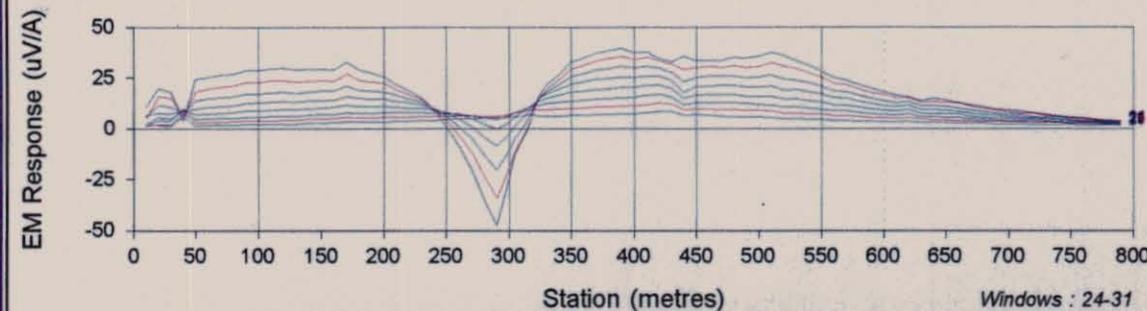
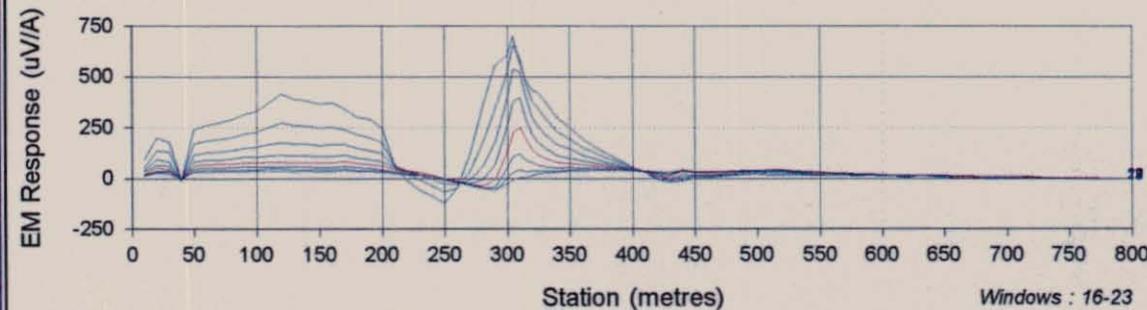
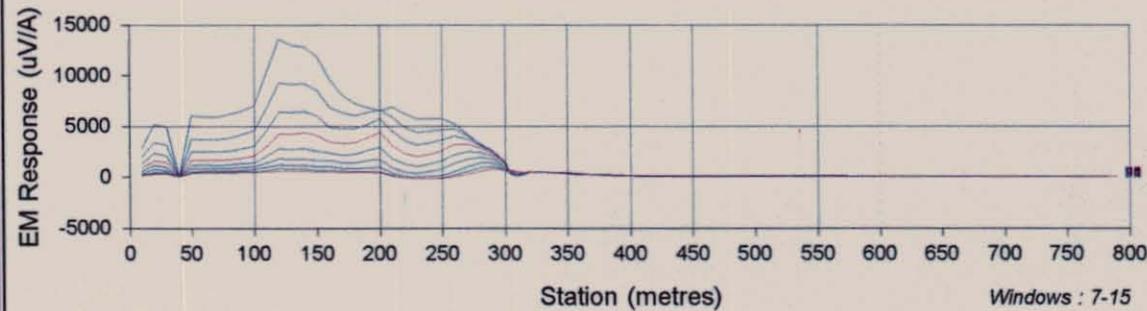
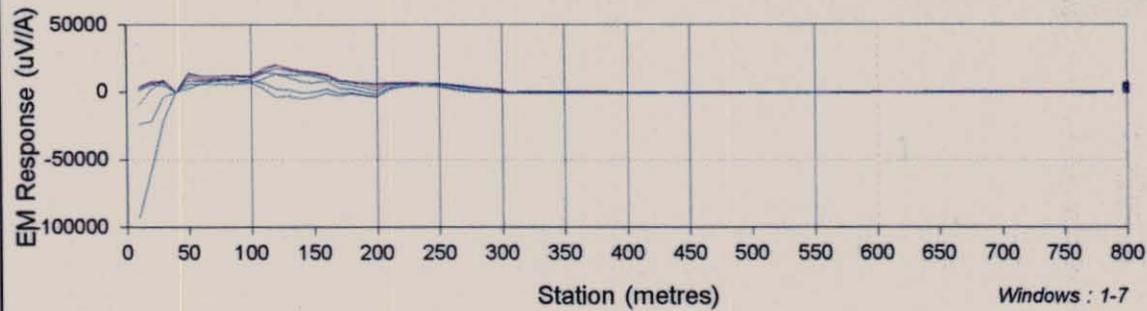
Western Metals Resources

Comstock Prospect Downhole EM Survey STACKED PROFILES OF AXIAL COMPONENT EM RESPONSE Hole SY018

Drawn : ADT

Figure :

505095



SURVEY PARAMETERS

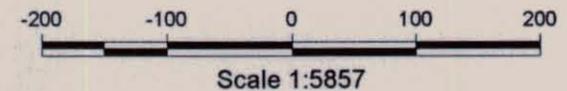
Configuration : Downhole
Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : A
Rx Coil : Sirotem Slimline Probe
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 6
Tx Area : 150000m²
Tx X Loop Side : 300 m
Tx Y Loop Side : 500 m
Tx Turns : 1
Tx Current : 16 A
Turn Off : 100 us



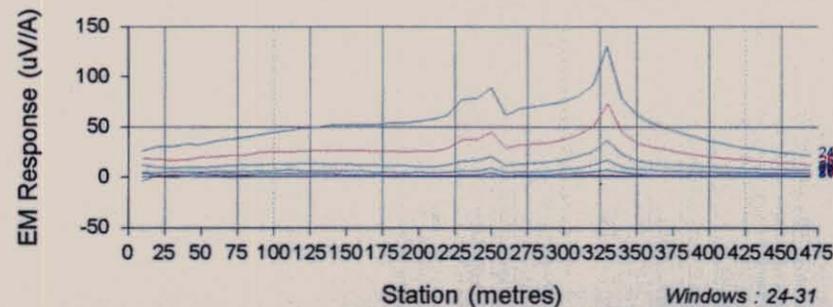
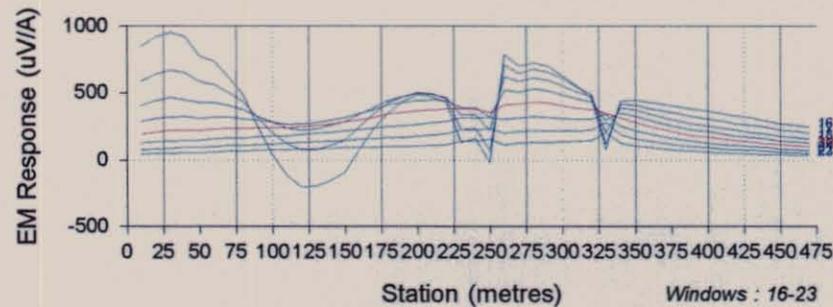
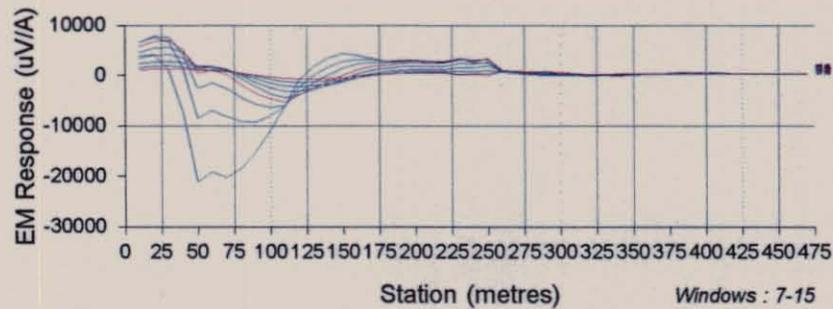
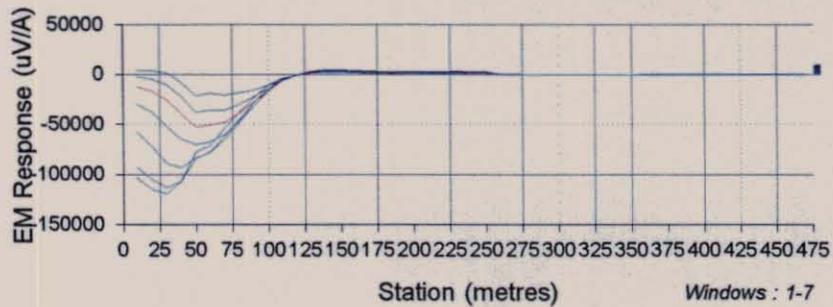
Western Metals Resources

Comstock Prospect
Downhole EM Survey
STACKED PROFILES OF
AXIAL COMPONENT EM RESPONSE
Hole SY018

Drawn : ADT

Job No. :

505096



SURVEY PARAMETERS

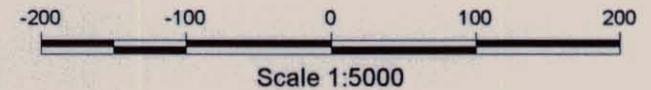
Configuration : Downhole
 Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
 Frequency : 4 Hz
 Component : A
 Rx Coil : Sirotem Slimline Probe
 Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
 Loop : 7
 Tx Area : 50000 m²
 Tx X Loop Side : 200 m
 Tx Y Loop Side : 250 m
 Tx Turns : 1
 Tx Current : 16 A
 Turn Off : 100 us



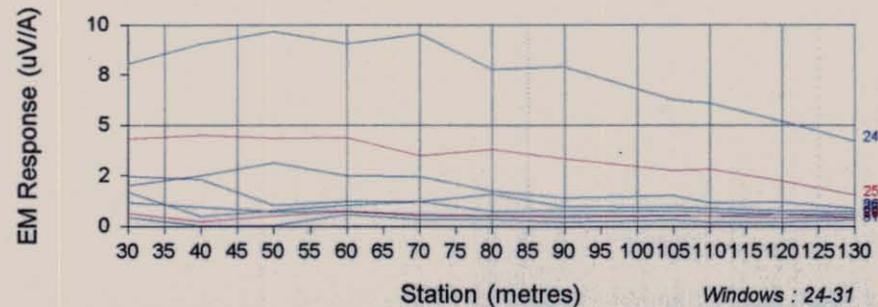
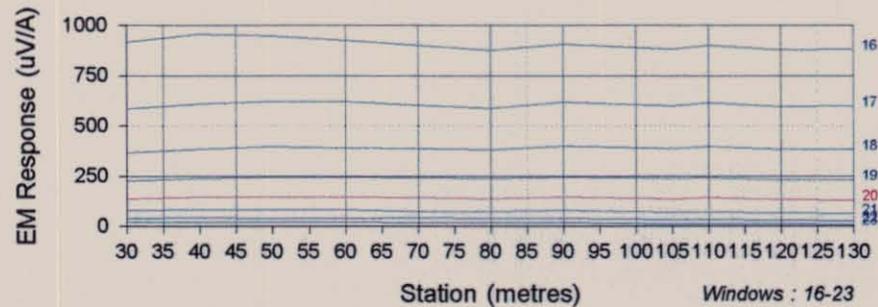
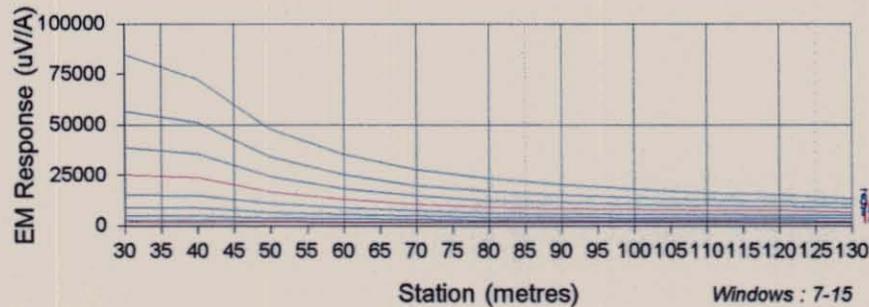
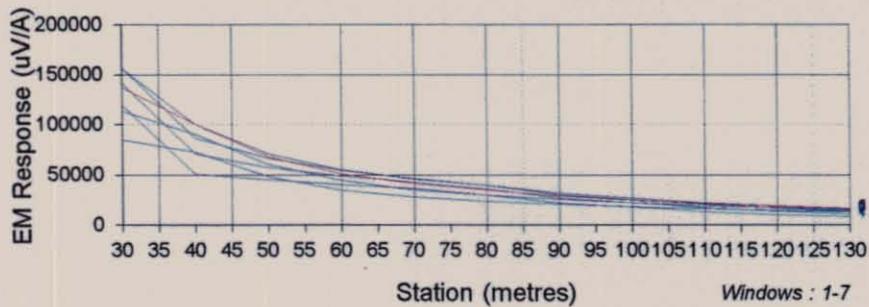
Western Metals Resources

Comstock Prospect
 Downhole EM Survey
 STACKED PROFILES OF
 AXIAL COMPONENT EM RESPONSE
Hole SY019

Drawn : ADT

Job No. :

505097



SURVEY PARAMETERS

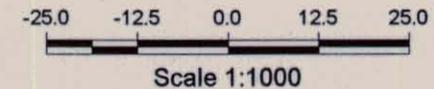
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Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : A
Rx Coil : Sirotem Slimline Probe
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 7
Tx Area : 50000m²
Tx X Loop Side : 200 m
Tx Y Loop Side : 250 m
Tx Turns : 1
Tx Current : 16 A
Turn Off : 100 us



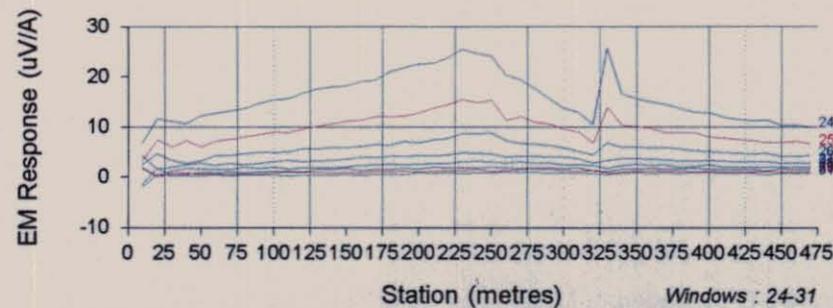
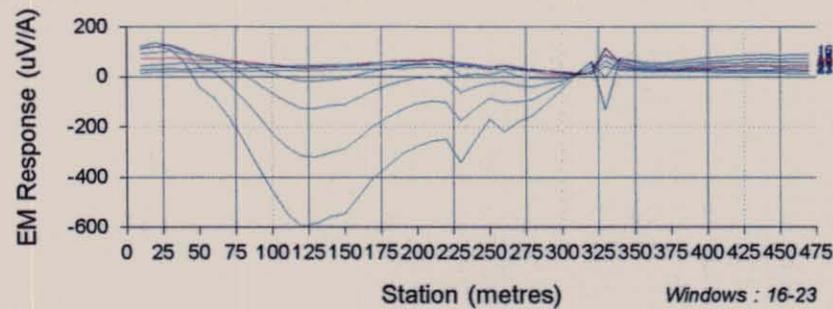
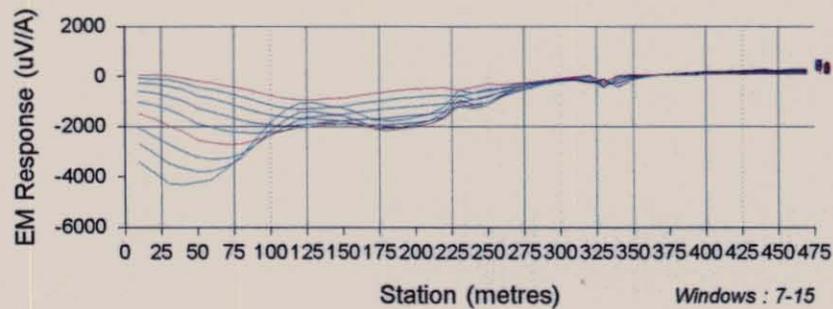
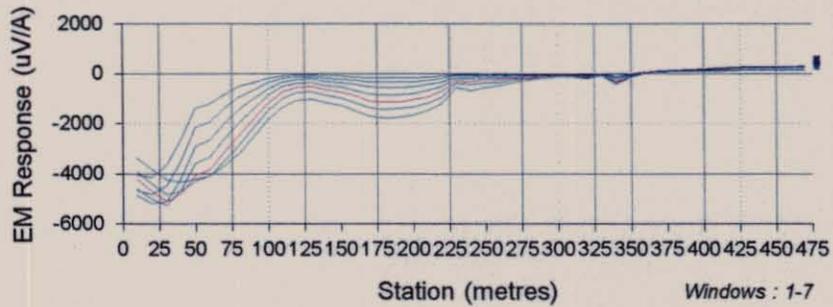
Western Metals Resources

Comstock Prospect
Downhole EM Survey
STACKED PROFILES OF
AXIAL COMPONENT EM RESPONSE
Hole SY020

Drawn : ADT

Job No. :

505098



SURVEY PARAMETERS

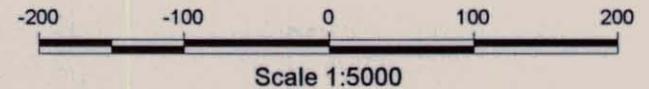
Configuration : Downhole
Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : A
Rx Coil : Sirotem Slimline Probe
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 8
Tx Area : 50000 m²
Tx X Loop Side : 200 m
Tx Y Loop Side : 250 m
Tx Turns : 1
Tx Current : 16 A
Turn Off : 100 us



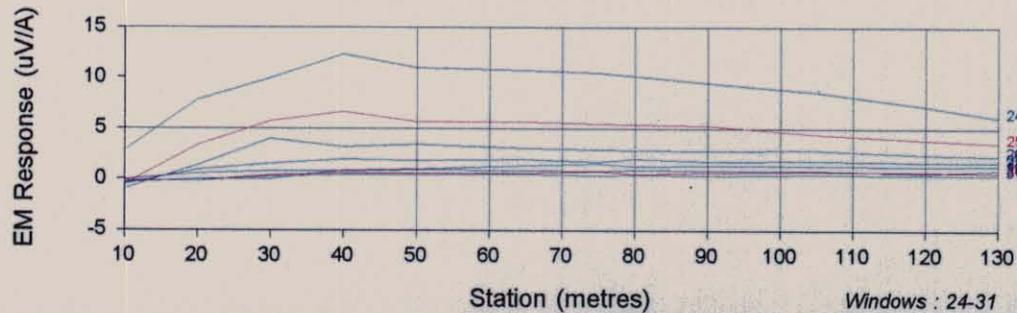
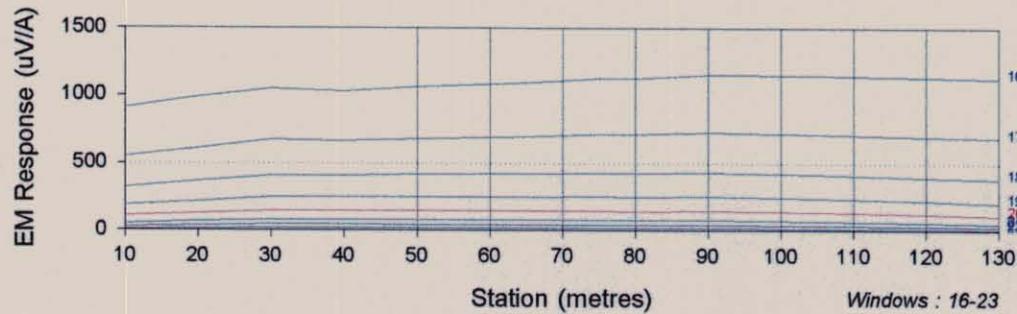
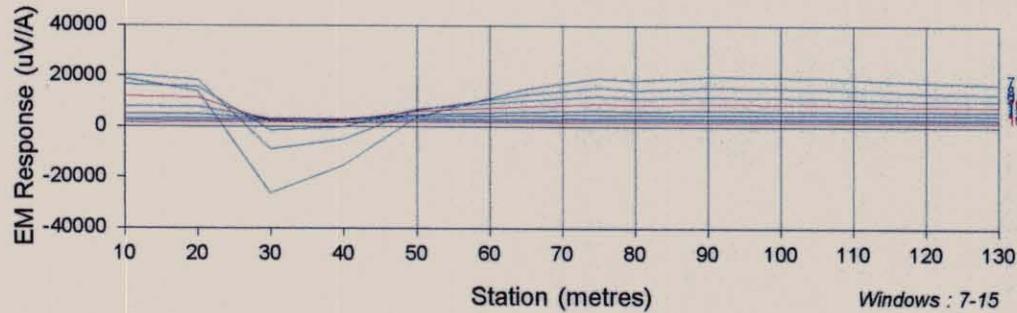
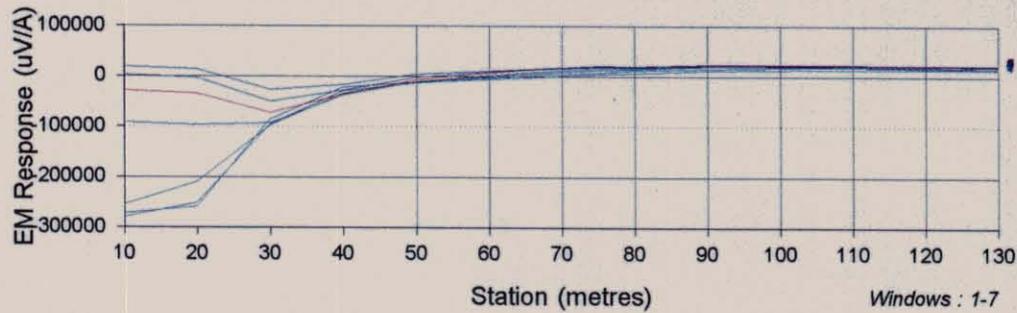
Western Metals Resources

Comstock Prospect
Downhole EM Survey
**STACKED PROFILES OF
AXIAL COMPONENT EM RESPONSE
Hole SY019**

Drawn : ADT

Job No. :

505099



SURVEY PARAMETERS

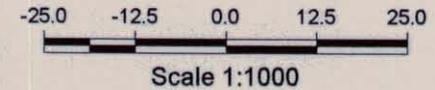
Configuration : Downhole
Station Spacing : 10 m

RECEIVER

Receiver : Zonge GDP-16
Frequency : 4 Hz
Component : A
Rx Coil : Sirotem Slimline Probe
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Zonge GGT-10
Loop : 8
Tx Area : 50000m²
Tx X Loop Side : 200 m
Tx Y Loop Side : 250 m
Tx Turns : 1
Tx Current : 16 A
Turn Off : 100 us



Western Metals Resources

Comstock Prospect
Downhole EM Survey
STACKED PROFILES OF
AXIAL COMPONENT EM RESPONSE
Hole SY020

Drawn : ADT

Job No. :

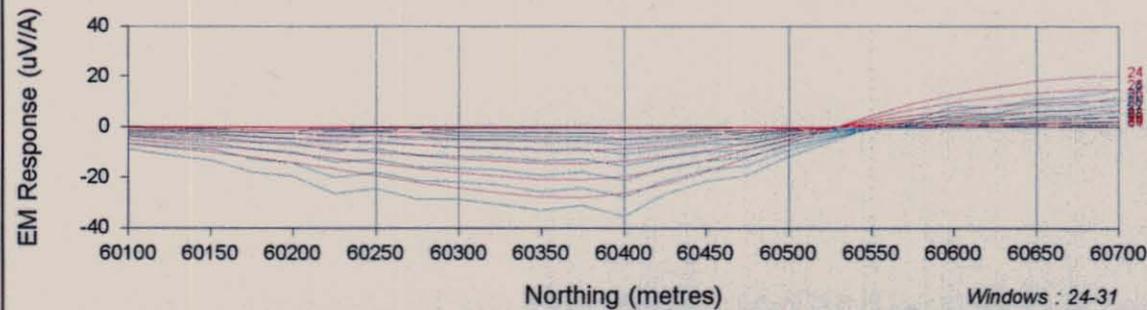
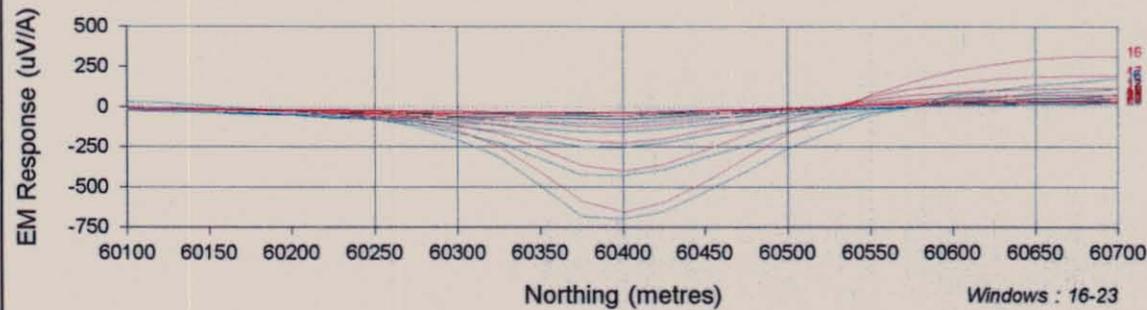
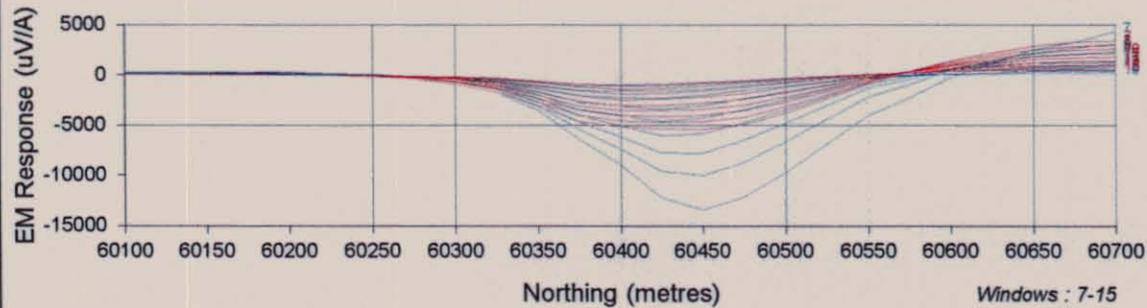
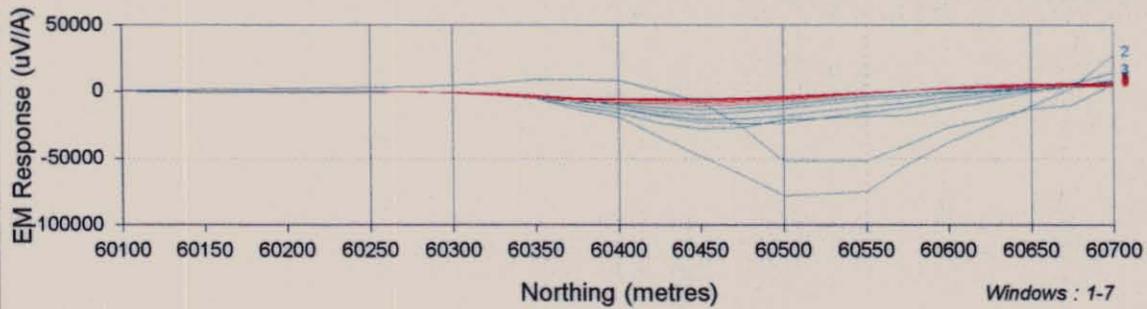
505100

APPENDIX III

Ground EM Model profiles

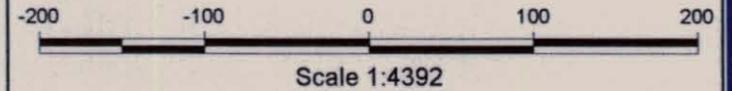
Comstock Prospect

Hz and Hx components



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



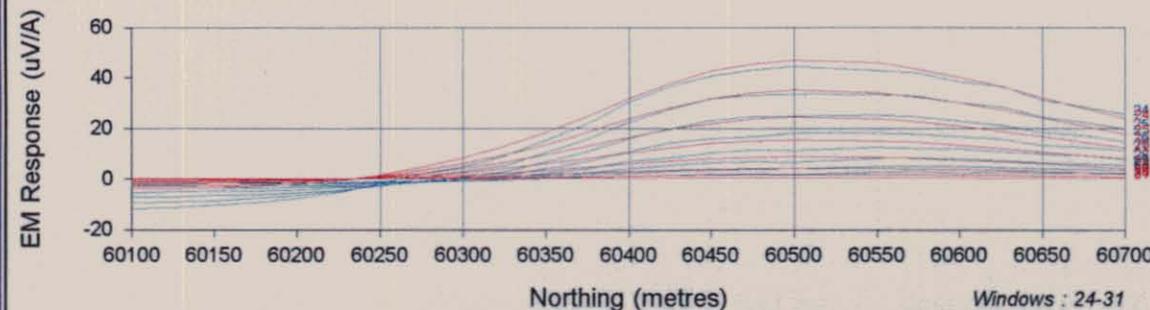
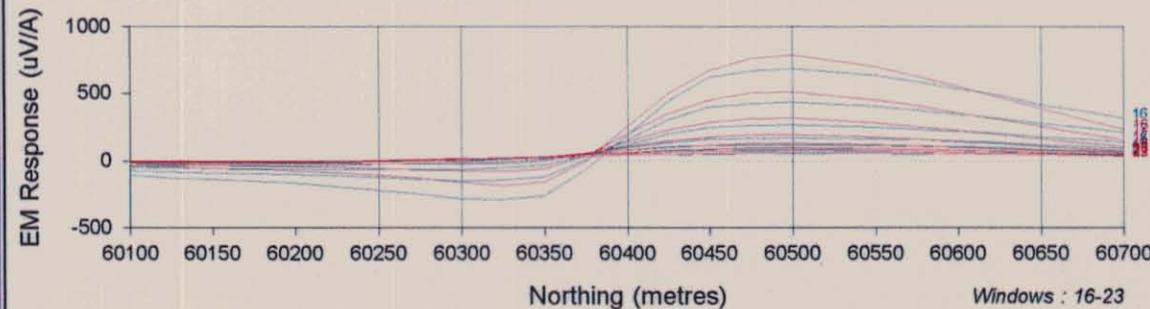
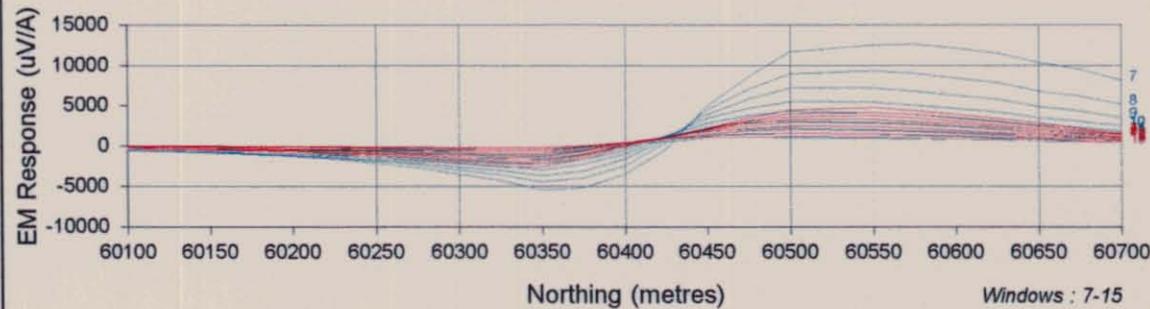
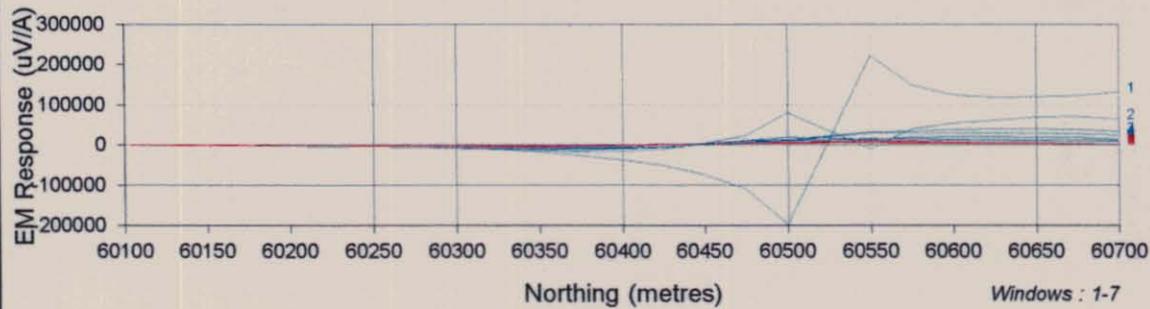
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 X COMPONENT EM RESPONSE
 Line 58000E - Loop 1**

Drawn : ADT

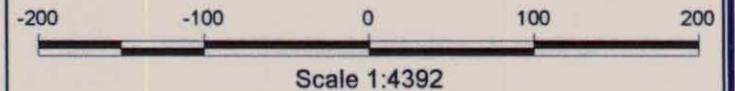
Figure :

505102



SURVEY PARAMETERS

Recorded Reponse : 
 Model REsponse : 



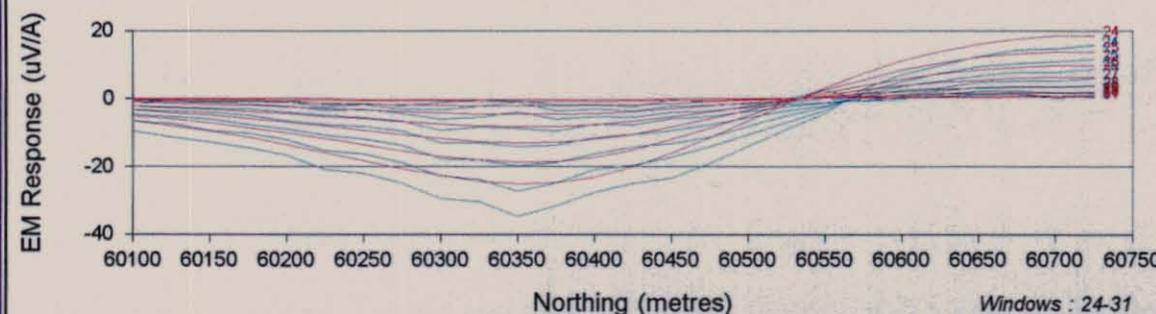
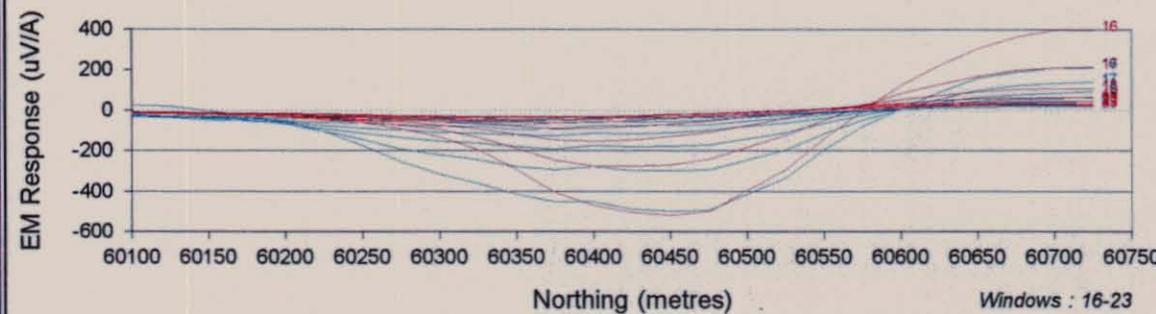
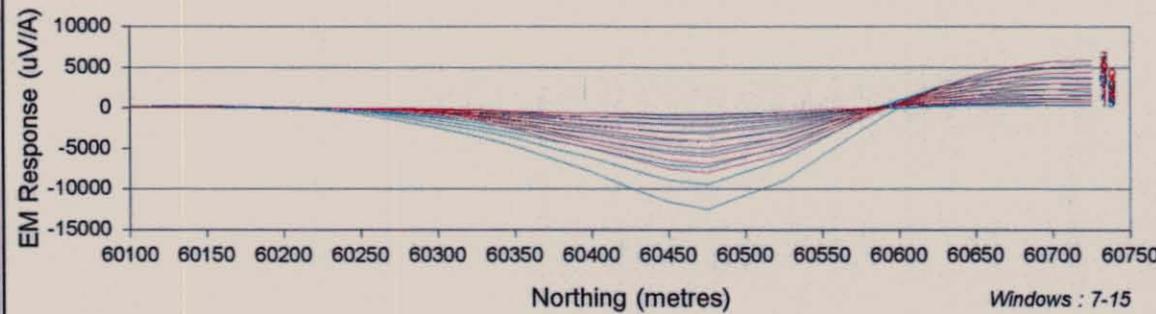
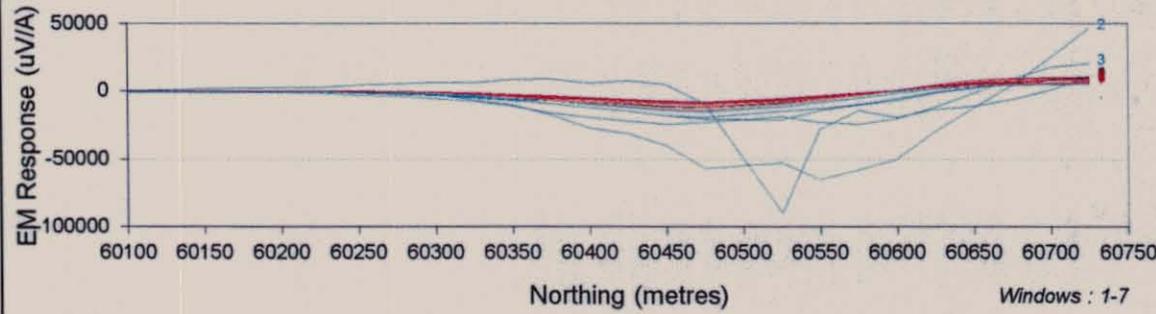
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**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 Z COMPONENT EM RESPONSE
 Line 58000E - Loop 1**

Drawn : ADT

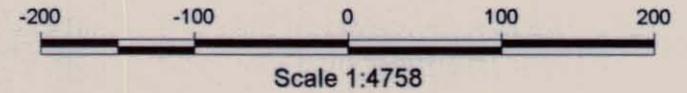
Figure :

505103



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



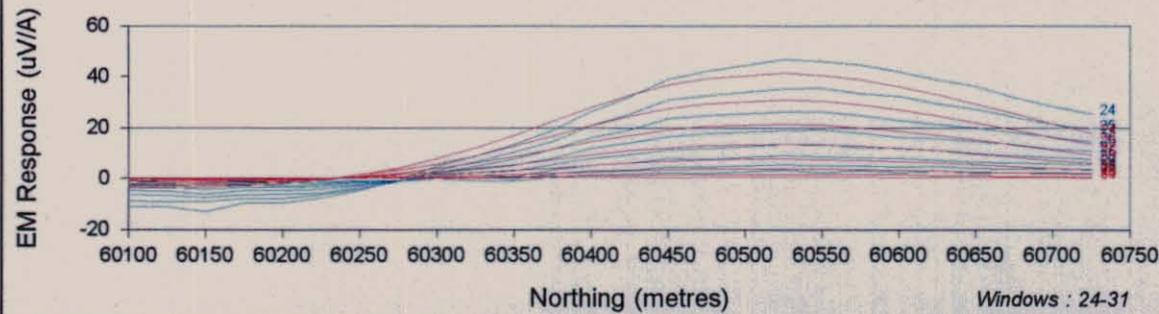
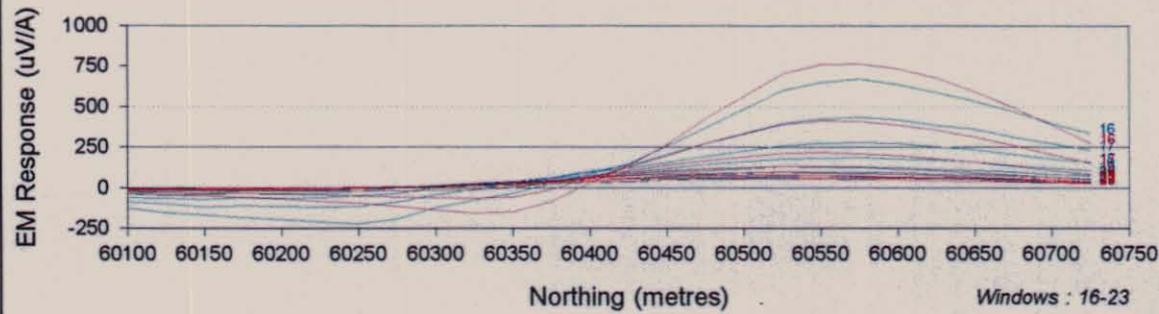
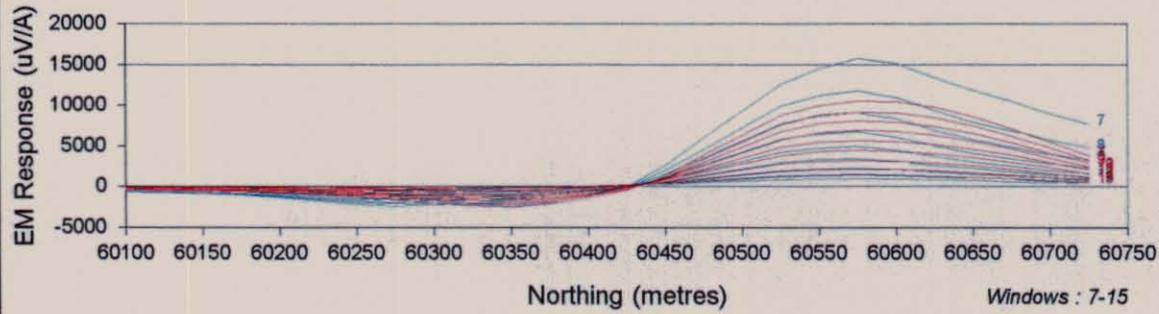
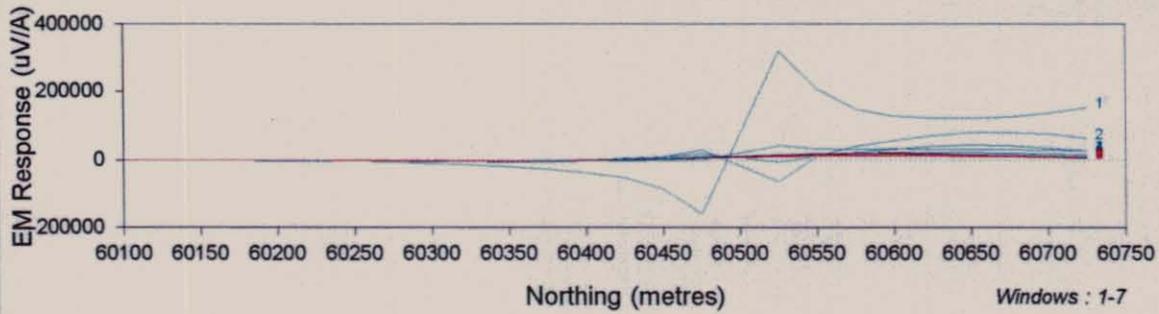
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 X COMPONENT EM RESPONSE
 Line 57900E - Loop 1**

Drawn : ADT

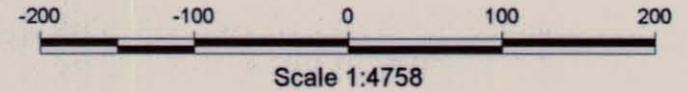
Figure :

505104



SURVEY PARAMETERS

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 Model RResponse : — (red line)



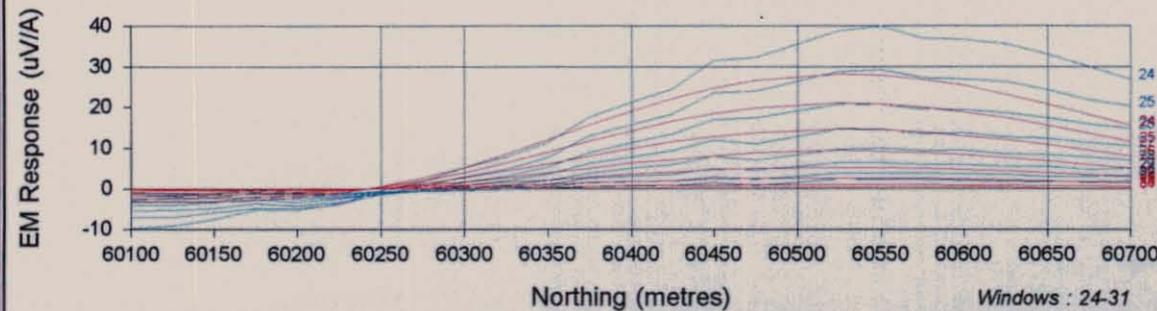
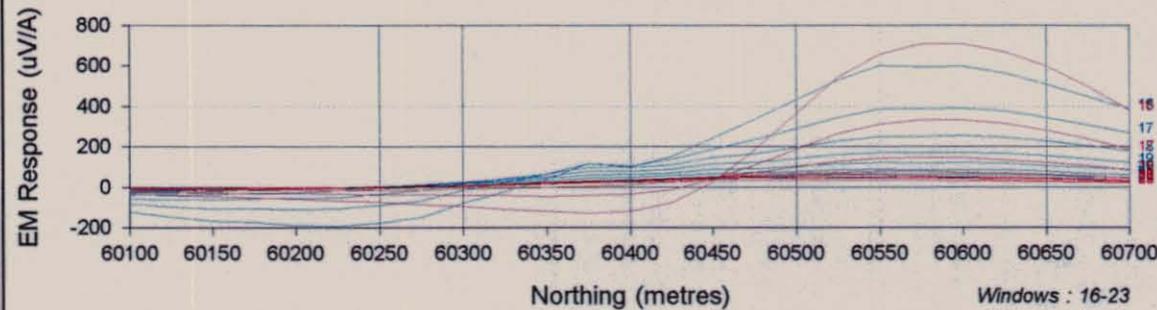
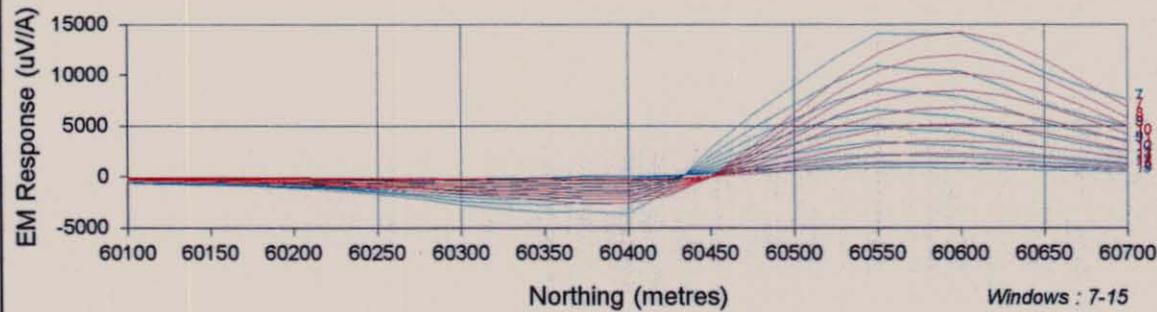
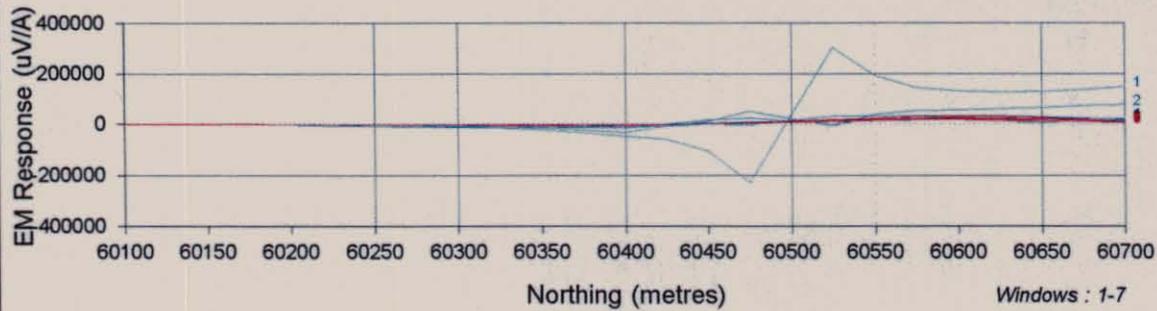
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 Fixed Loop EM Survey
 REAL and MODELED
 Z COMPONENT EM RESPONSE
 Line 57900E - Loop 1**

Drawn : ADT

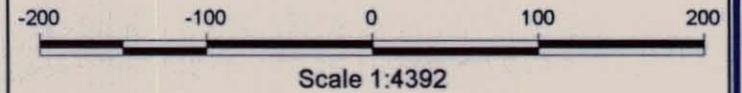
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505105



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
Model REsponse : — (red line)



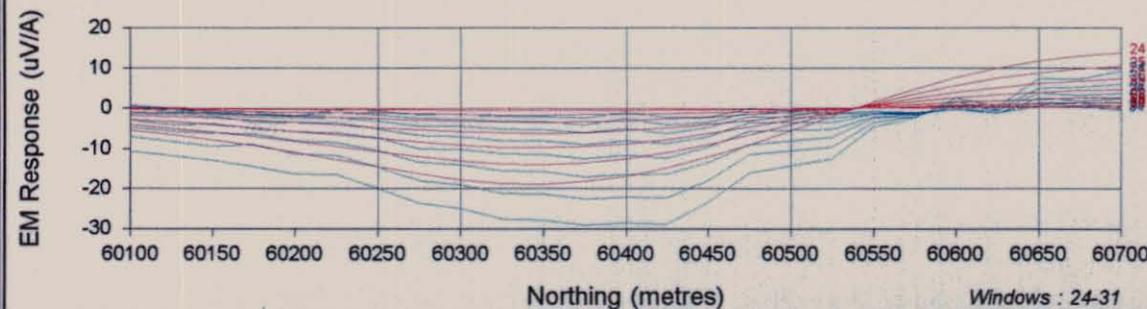
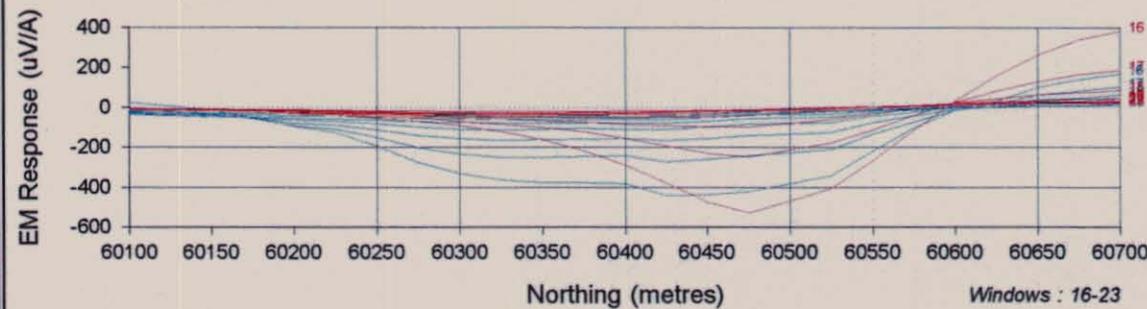
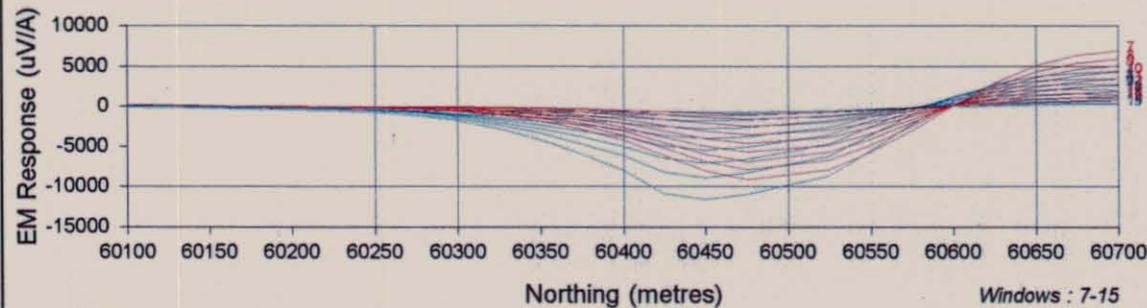
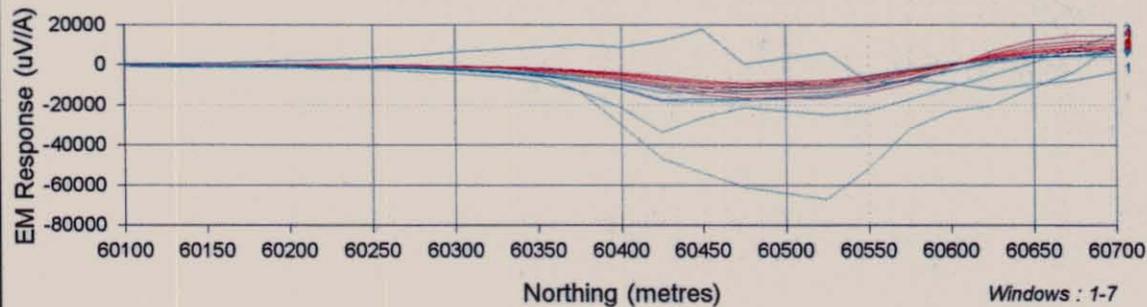
Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
REAL and MODELED
Z COMPONENT EM RESPONSE
Line 57800E - Loop 1**

Drawn : ADT

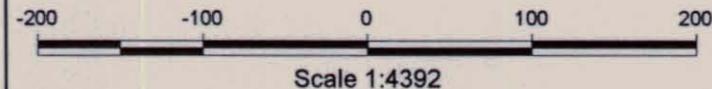
Figure :

505106



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



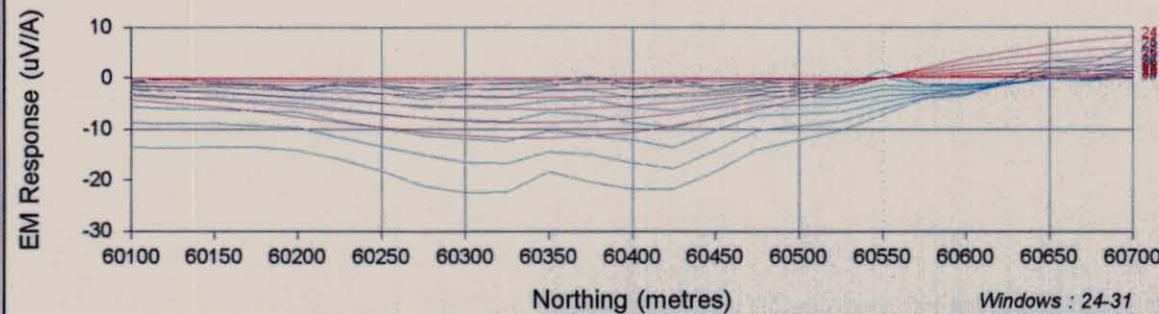
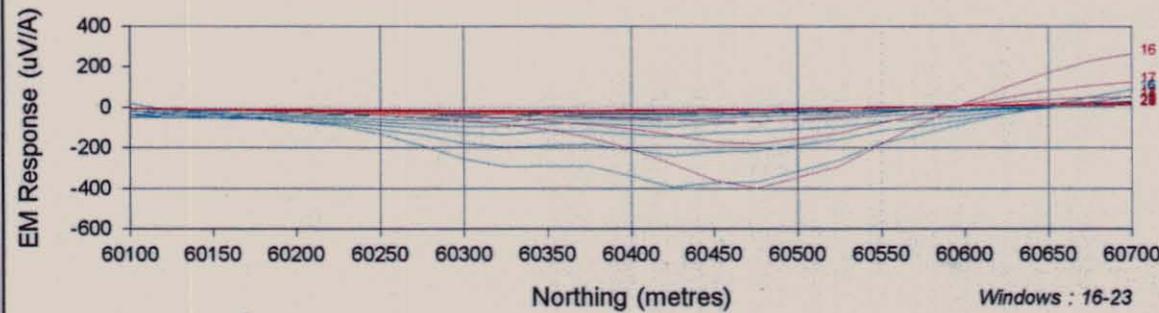
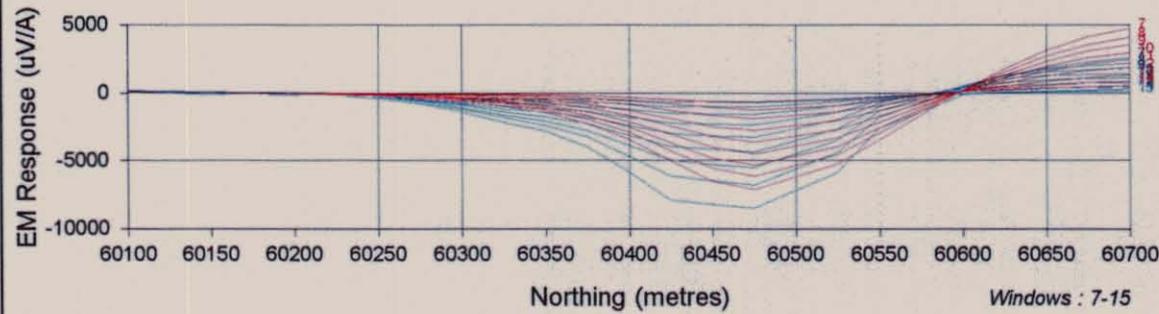
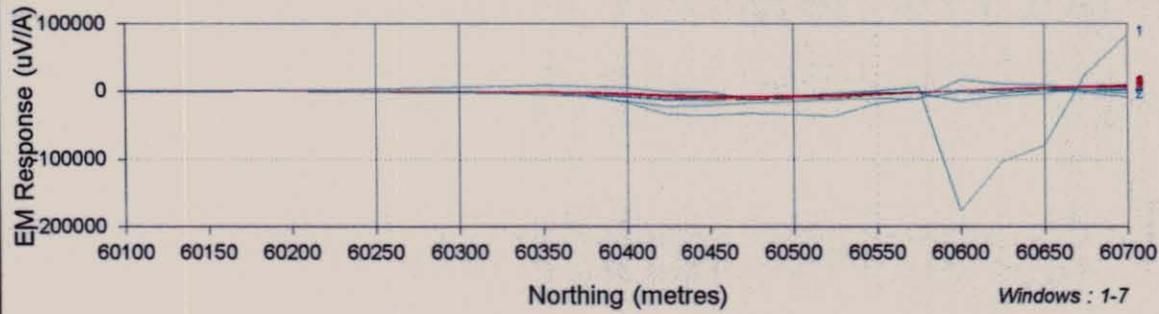
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 X COMPONENT EM RESPONSE
 Line 57800E - Loop 1**

Drawn : ADT

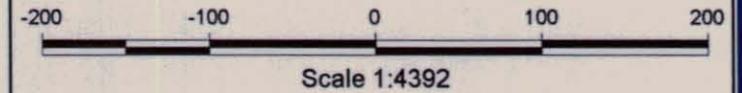
Figure :

505107



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



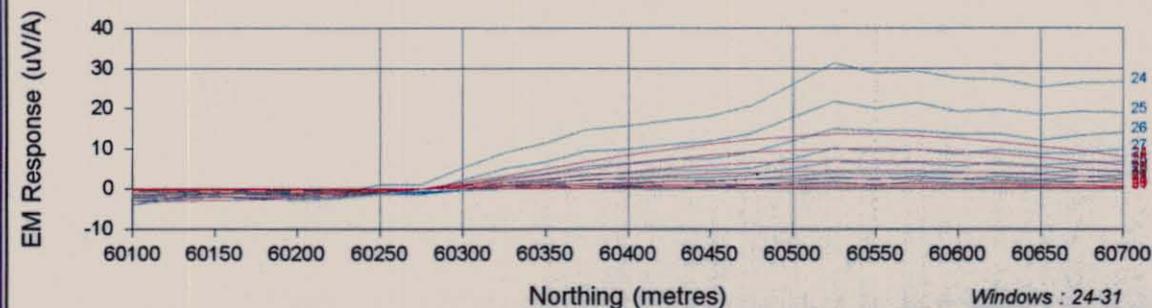
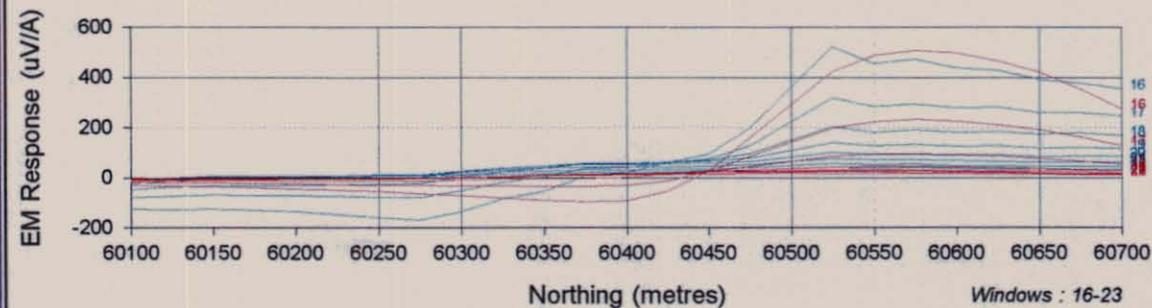
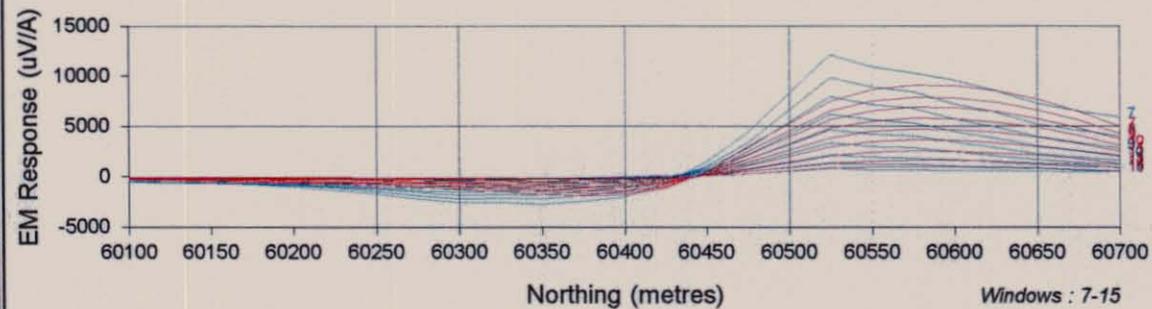
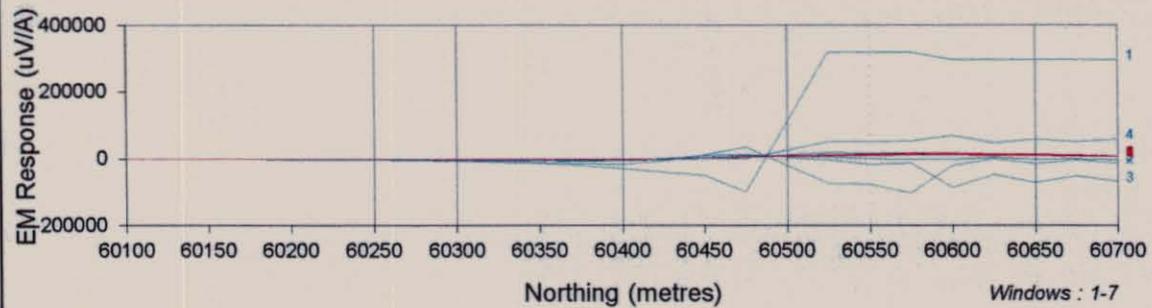
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 X COMPONENT EM RESPONSE
 Line 57700E - Loop 1**

Drawn : ADT

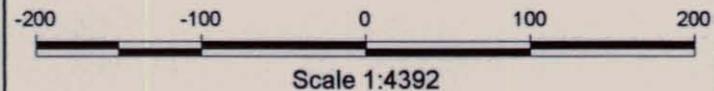
Figure :

205105



SURVEY PARAMETERS

Recorded Reponse : 
 Model REsponse : 



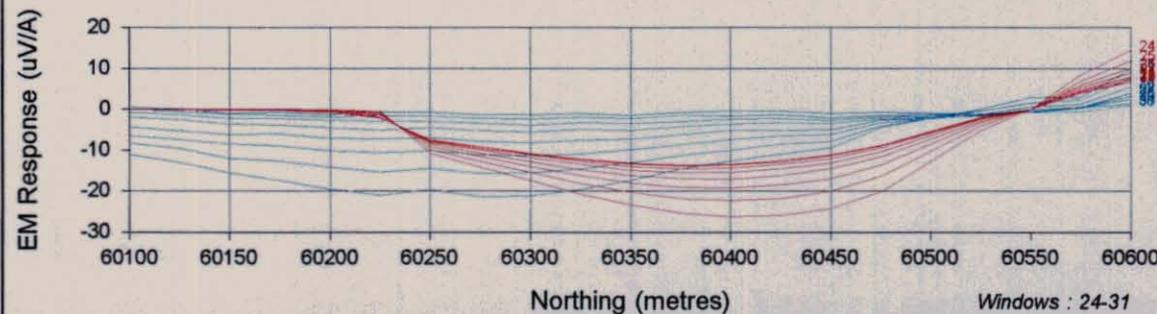
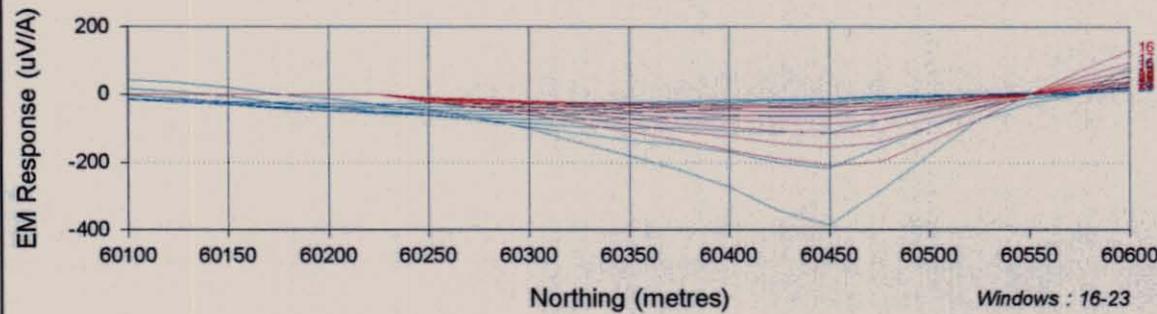
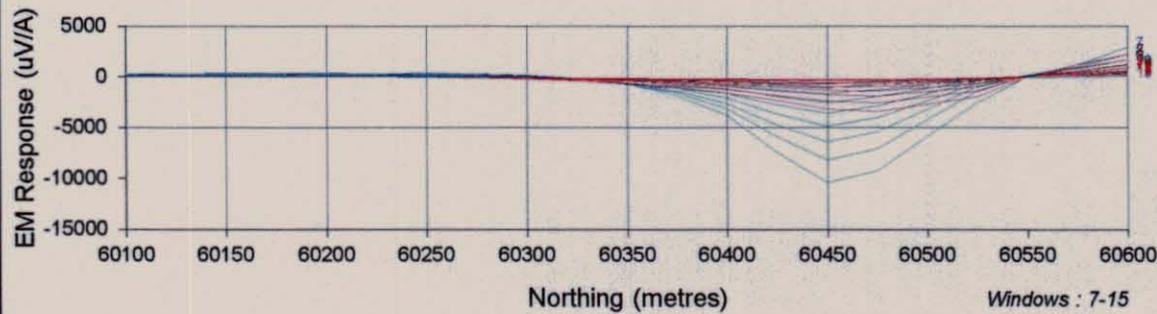
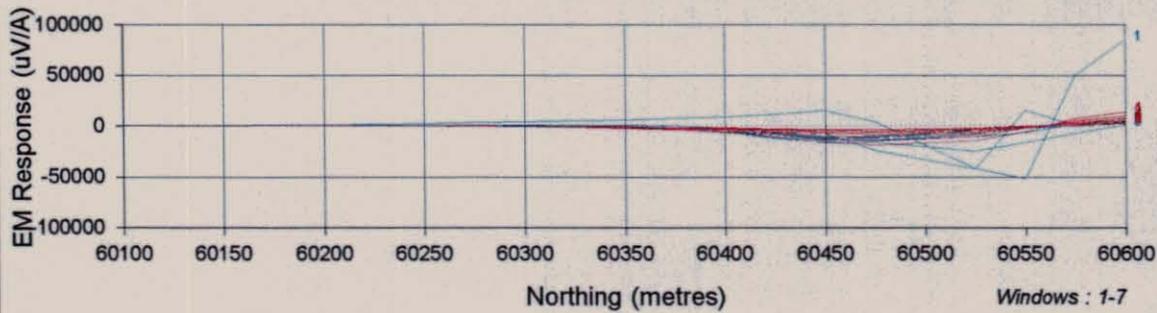
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 Z COMPONENT EM RESPONSE
 Line 57700E - Loop 1**

Drawn : ADT

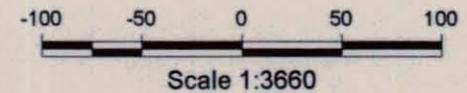
Figure :

505109



SURVEY PARAMETERS

Recorded Reponse : 
 Model REsponse : 



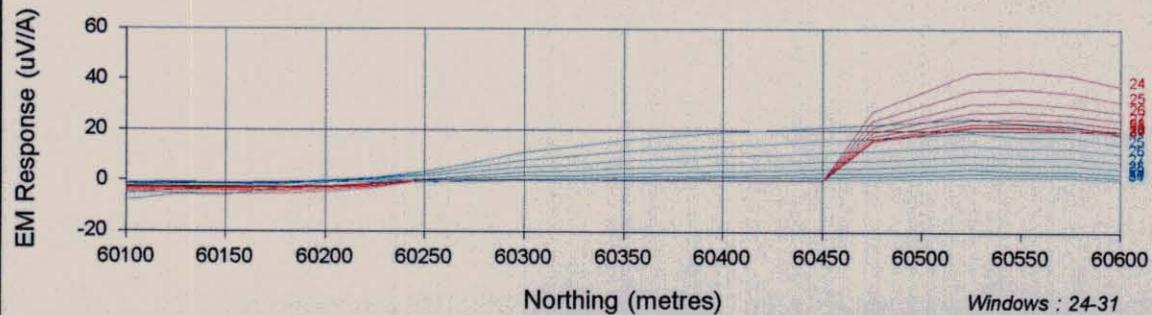
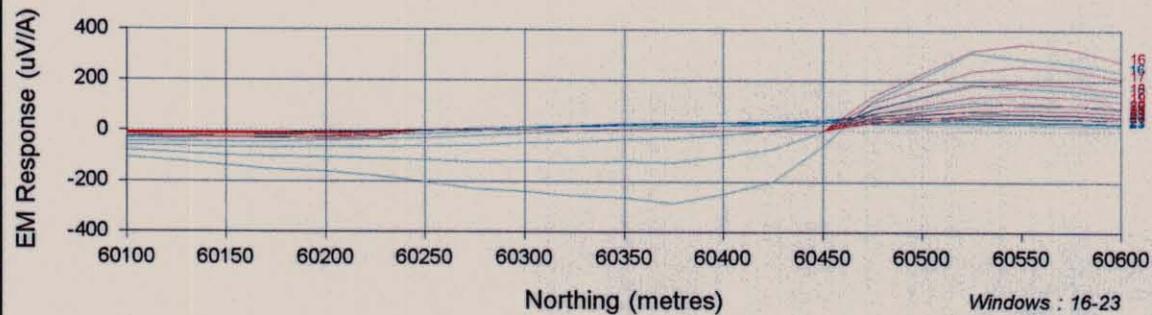
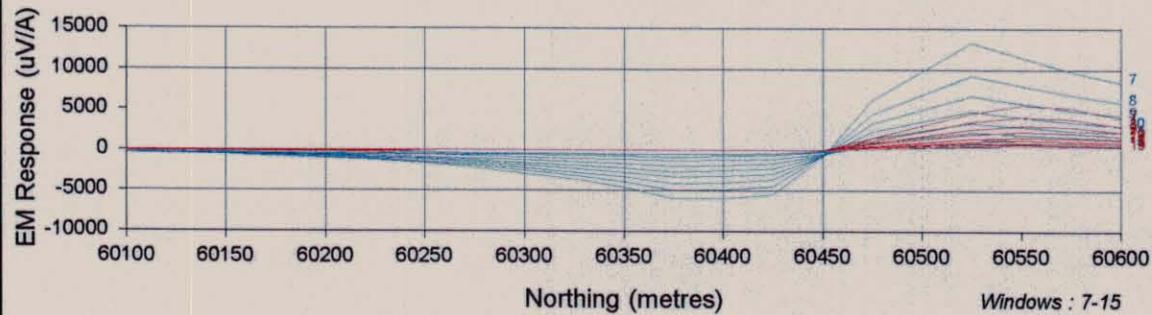
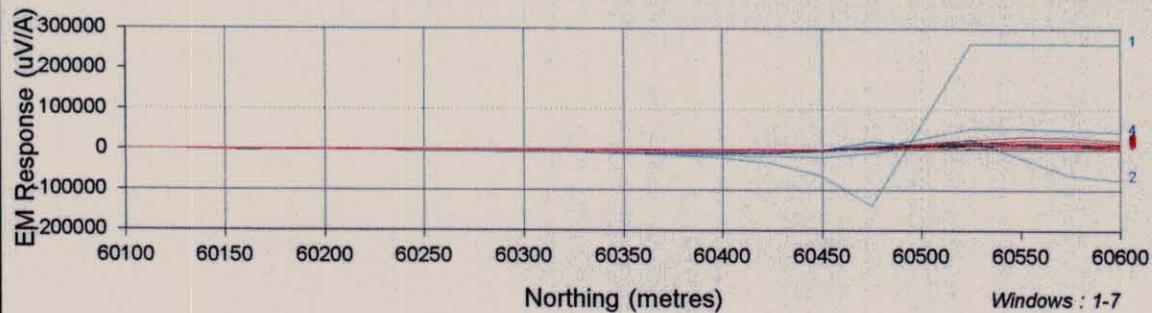
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 X COMPONENT EM RESPONSE
 Line 58200E - Loop 1**

Drawn : ADT

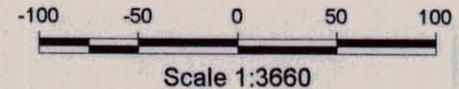
Figure :

505110



SURVEY PARAMETERS

Recorded Response : — (blue line)
Model Response : — (red line)



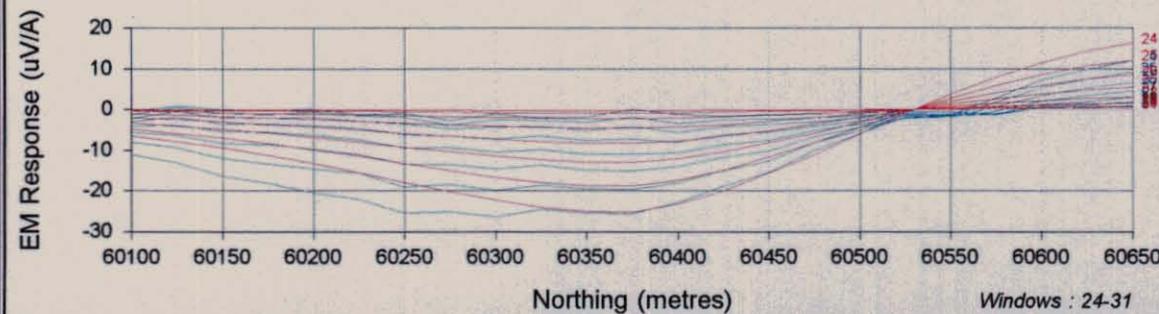
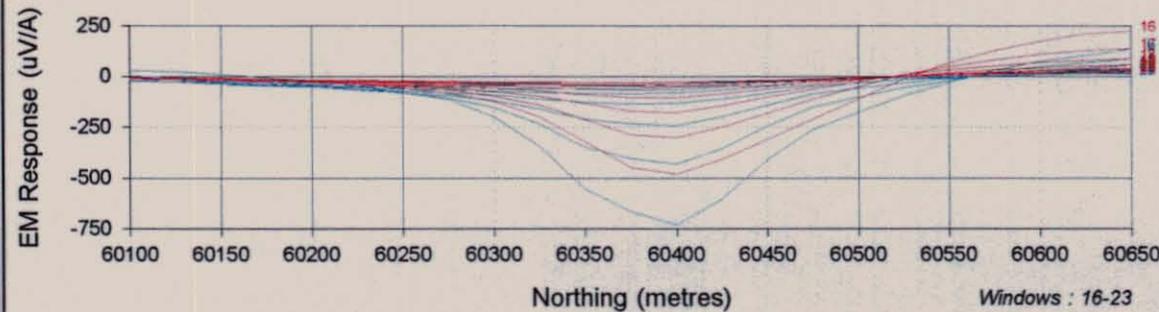
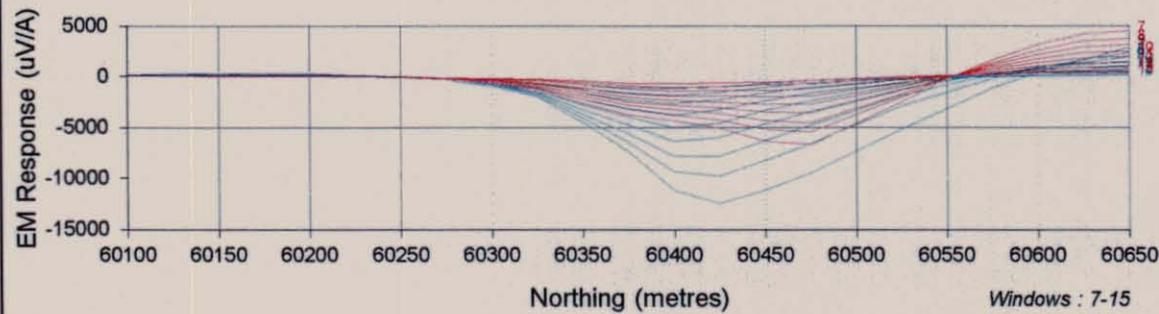
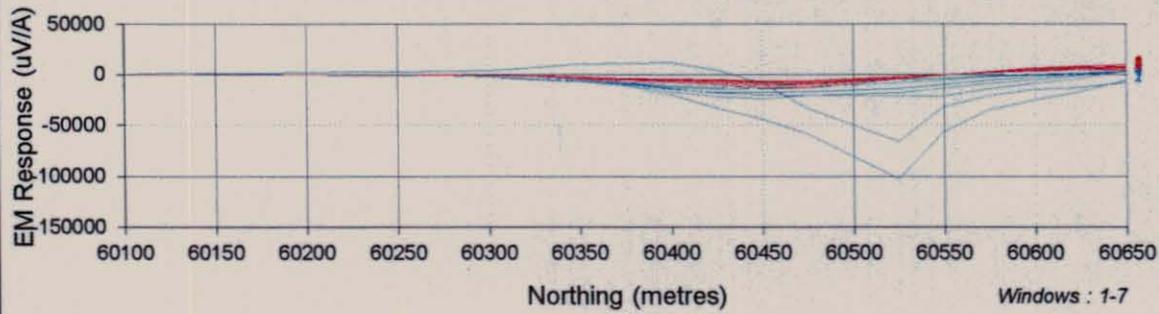
Western Metals Resources

**Comstock Prospect
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Line 58200E - Loop 1**

Drawn : ADT

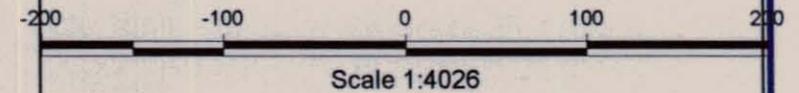
Figure :

505111



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



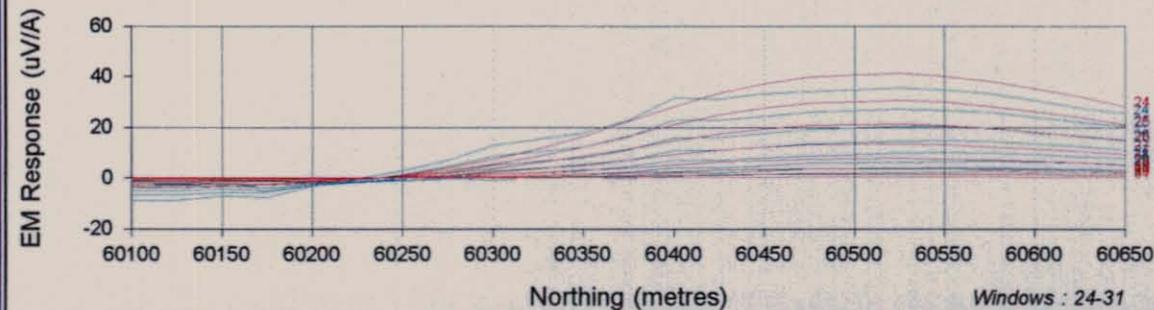
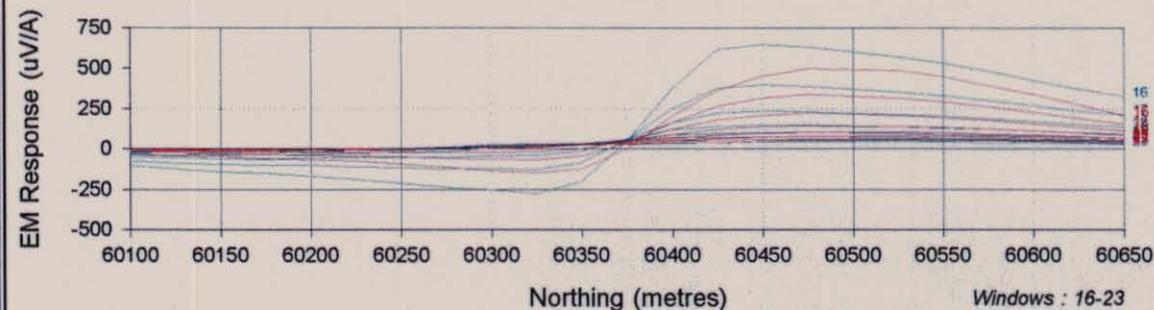
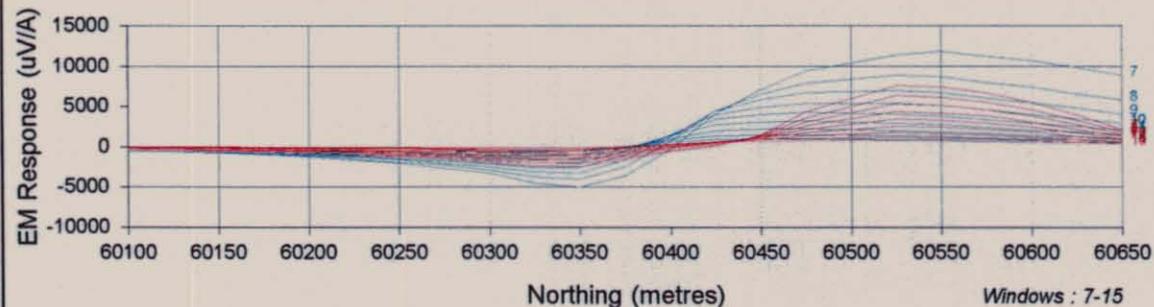
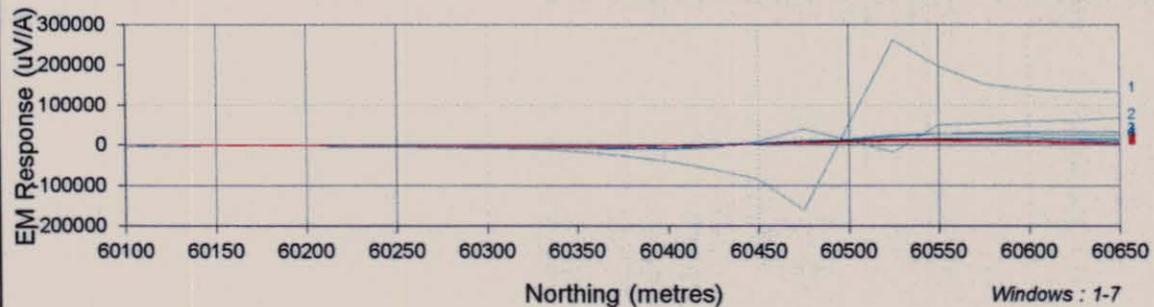
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 X COMPONENT EM RESPONSE
 Line 58100E - Loop 1**

Drawn : ADT

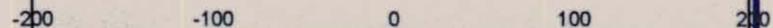
Figure :

505112



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



Scale 1:4026

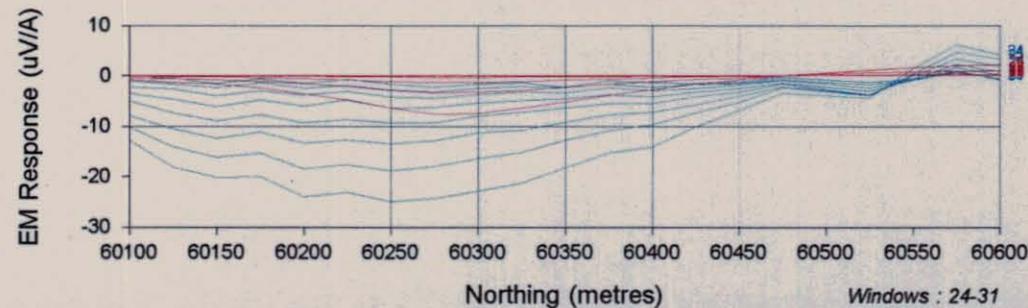
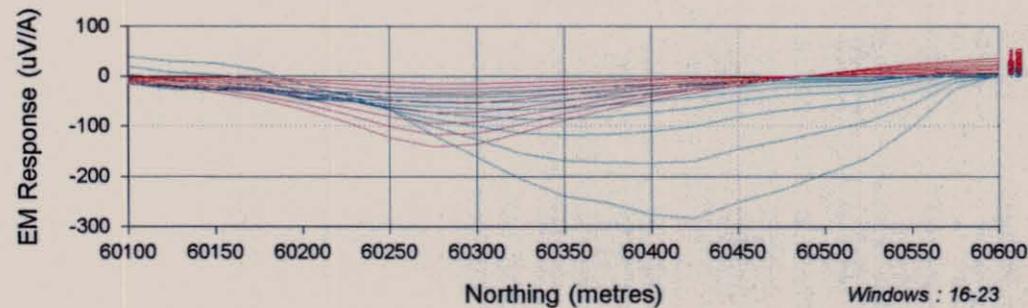
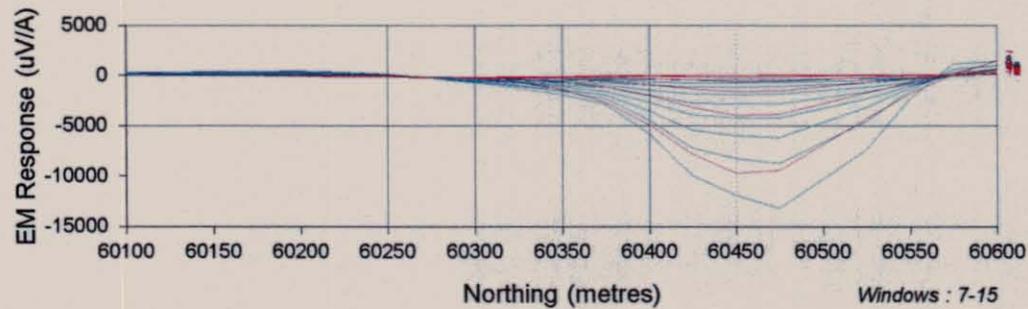
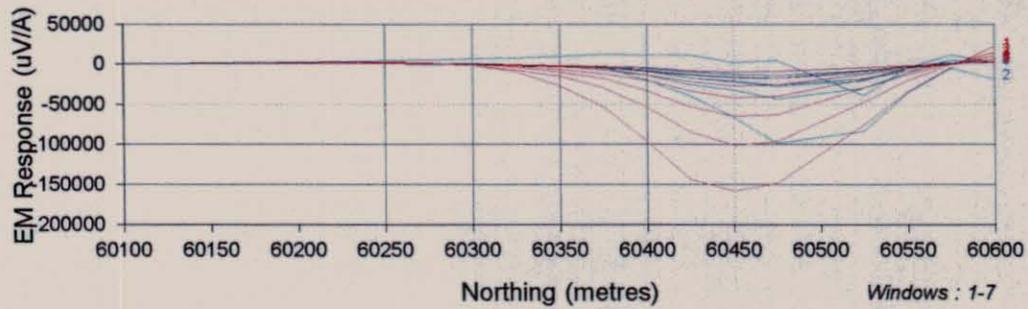
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL and MODELED
 Z COMPONENT EM RESPONSE
 Line 58100E - Loop 1**

Drawn : ADT

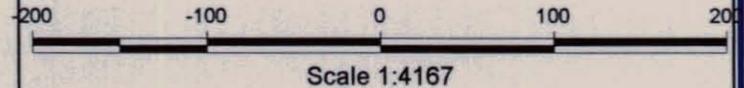
Figure :

505113



SURVEY PARAMETERS

Recorded Response ————
 Model Response : ————



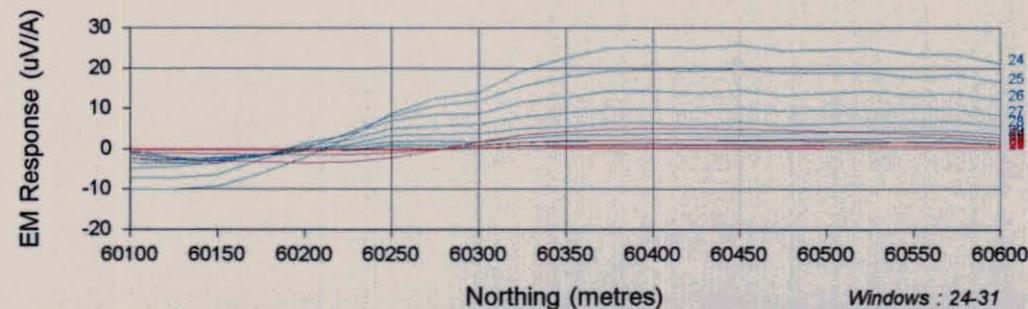
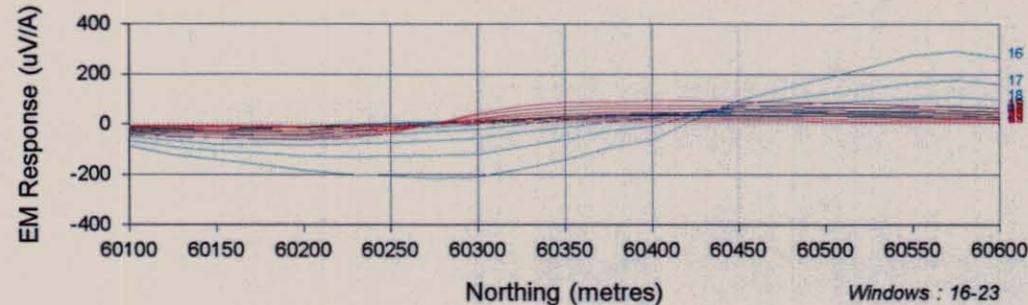
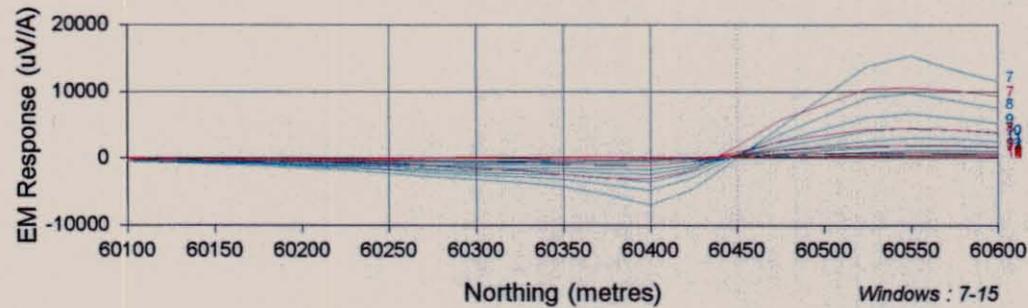
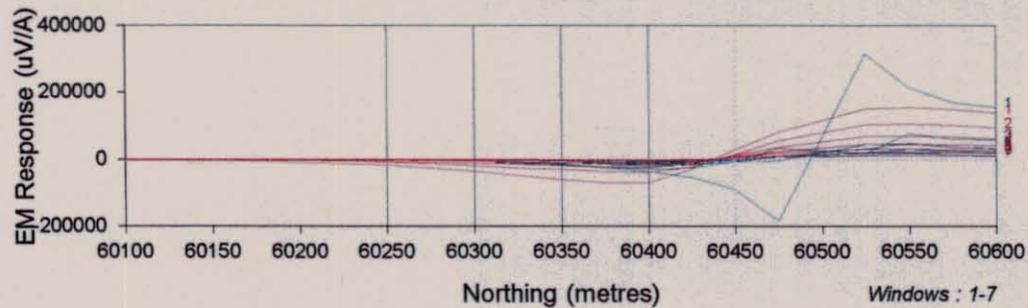
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58300E - Loop 2**

Drawn : ADT

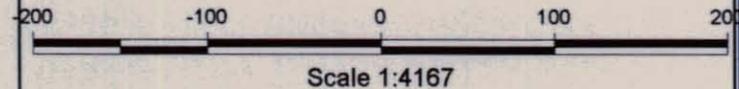
Figure :

505114



SURVEY PARAMETERS

Recorded Response ————
 Model Response : ————



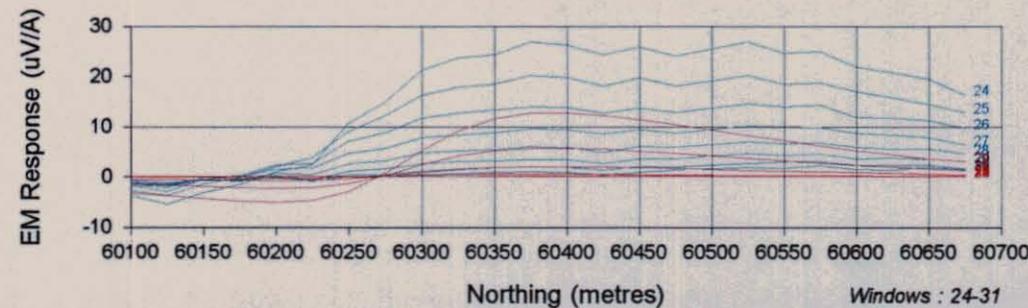
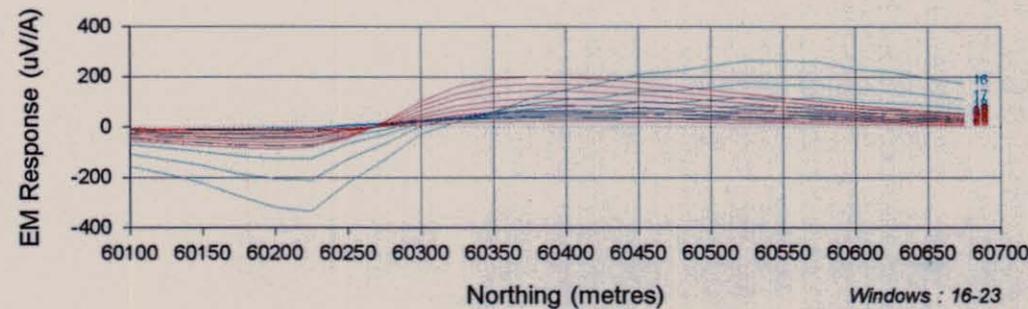
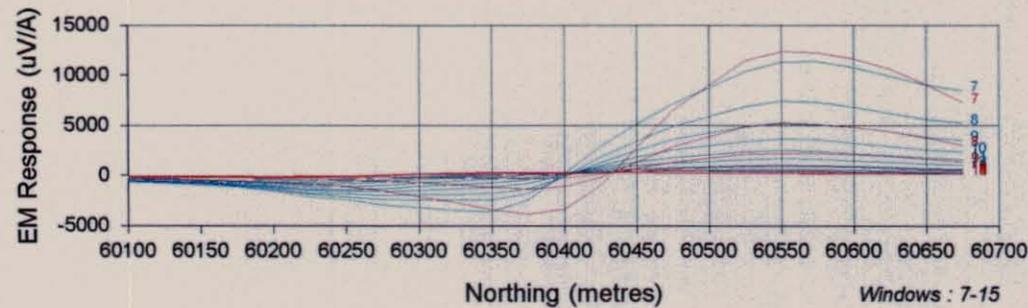
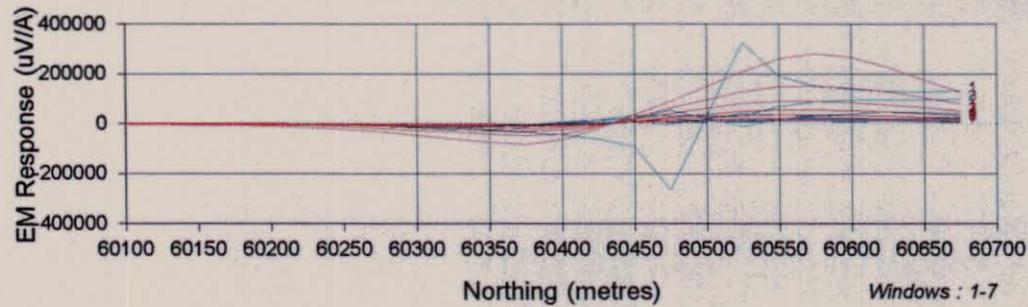
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58300E - Loop 2**

Drawn : ADT

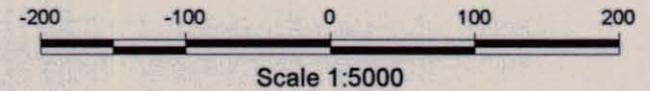
Figure :

505115



SURVEY PARAMETERS

Recorded Response — (blue line)
 Model Response : — (red line)



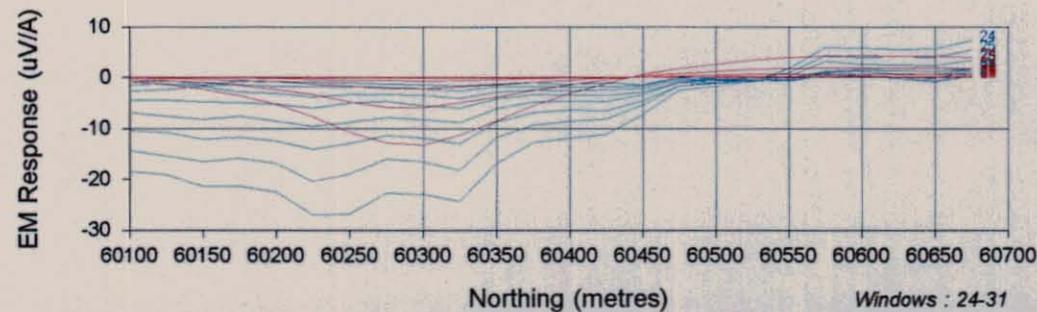
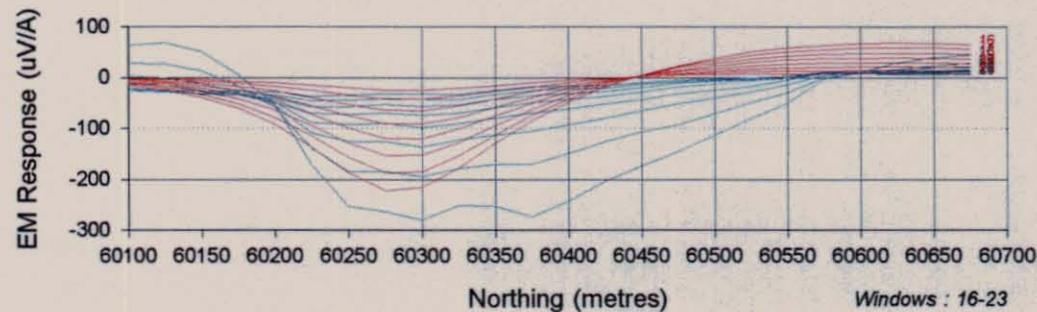
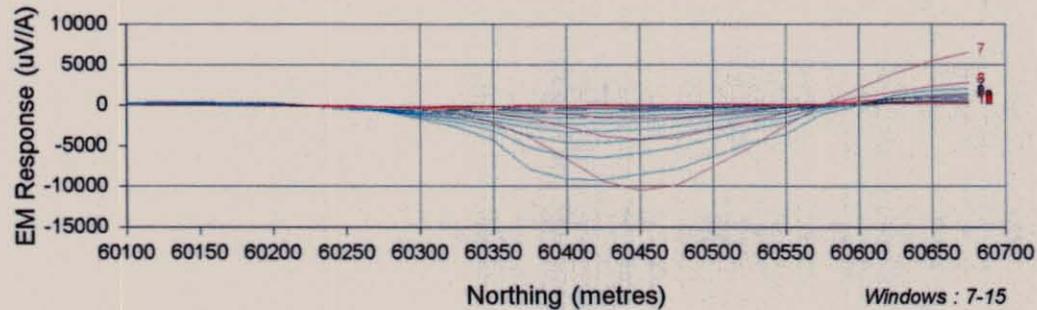
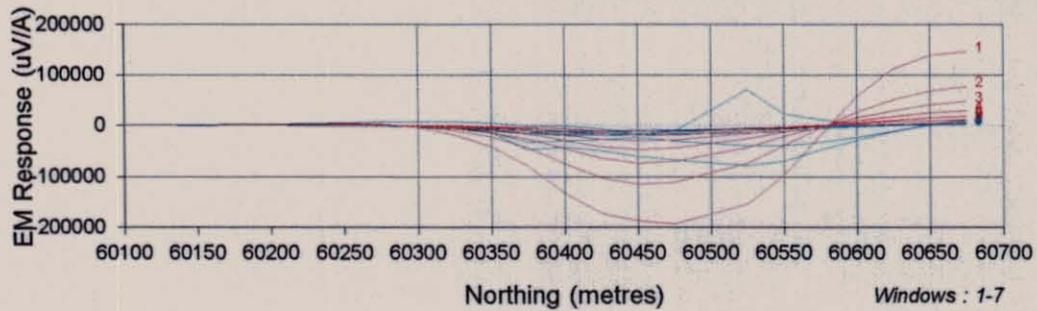
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58400E - Loop 2**

Drawn : ADT

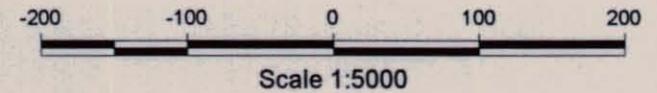
Figure :

505116



SURVEY PARAMETERS

Recorded Response ————
 Model Response : ————



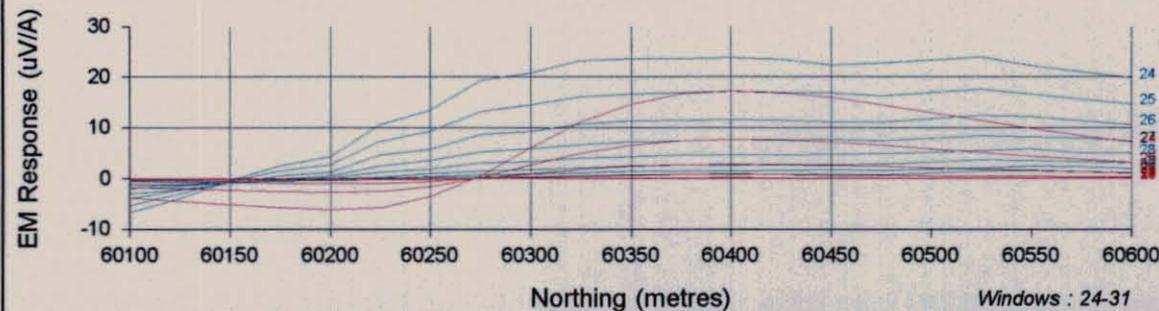
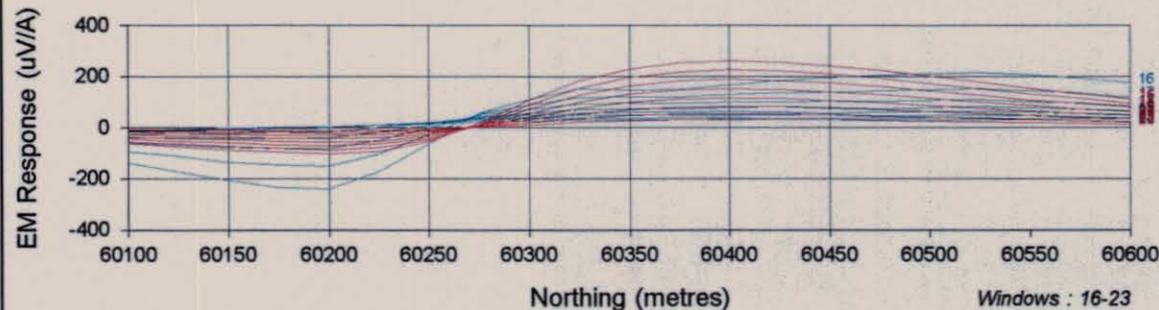
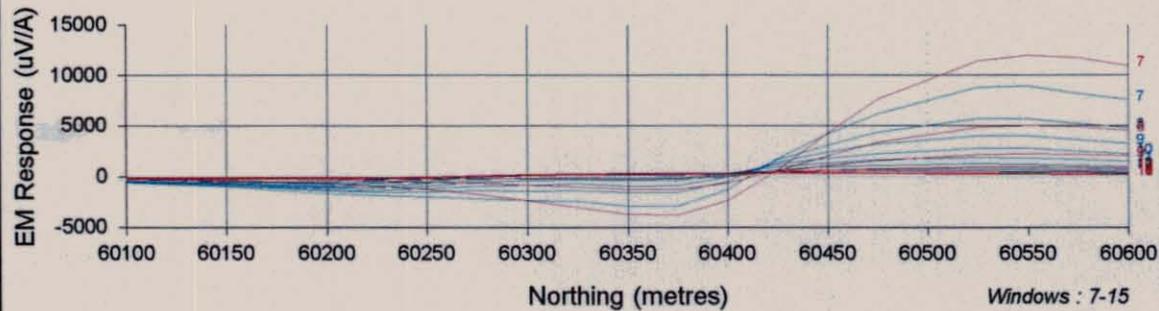
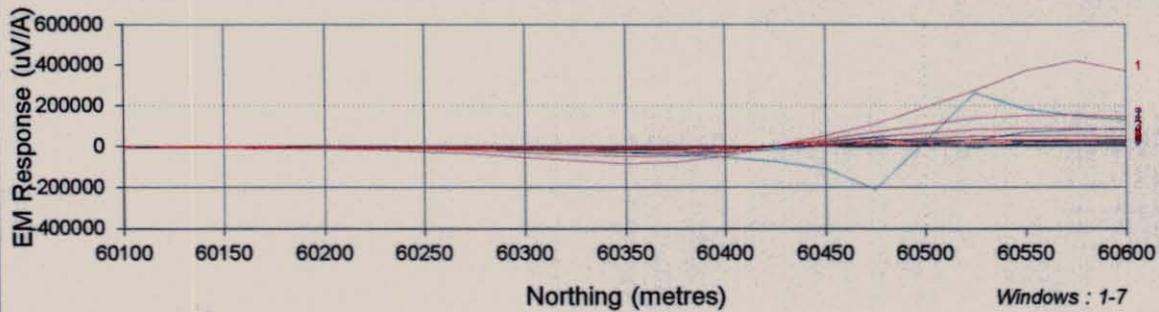
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58400E - Loop 2**

Drawn : ADT

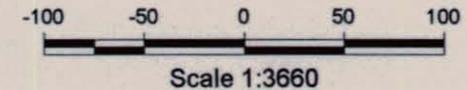
Figure :

505117



SURVEY PARAMETERS

RECORDED RESPONSE ————
 MODEL RESPONSE ————



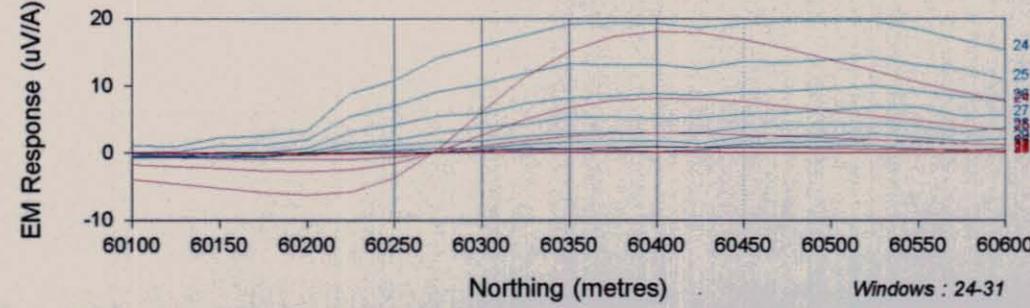
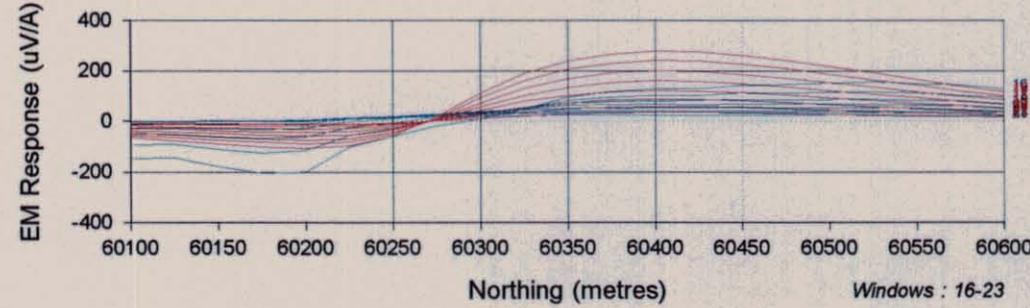
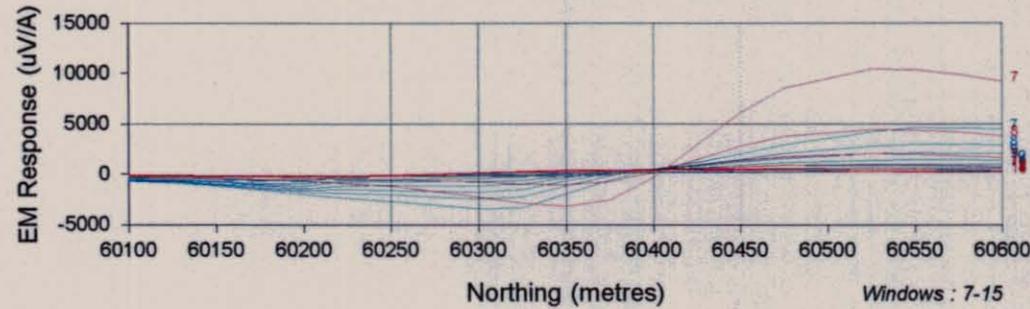
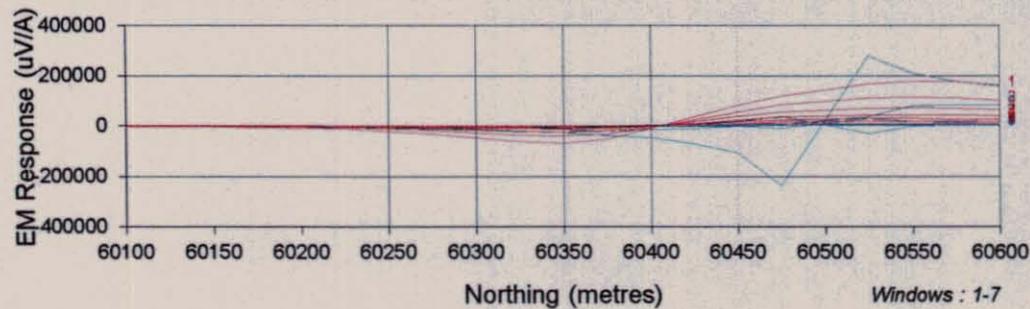
Western Metals Resources

**Comstock Prospect
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 Line 58500E - Loop 2**

Drawn : ADT

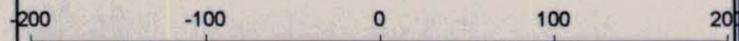
Figure :

505118



SURVEY PARAMETERS

Recorded Response : — (blue line)
 Model Response : — (red line)



Scale 1:4167

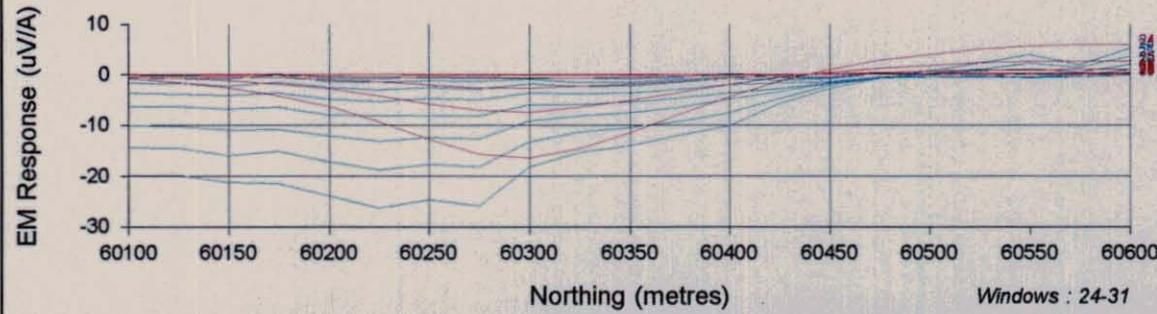
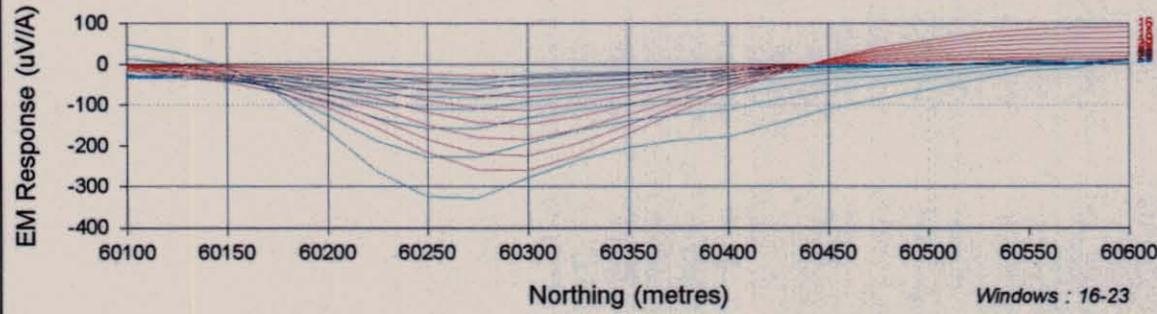
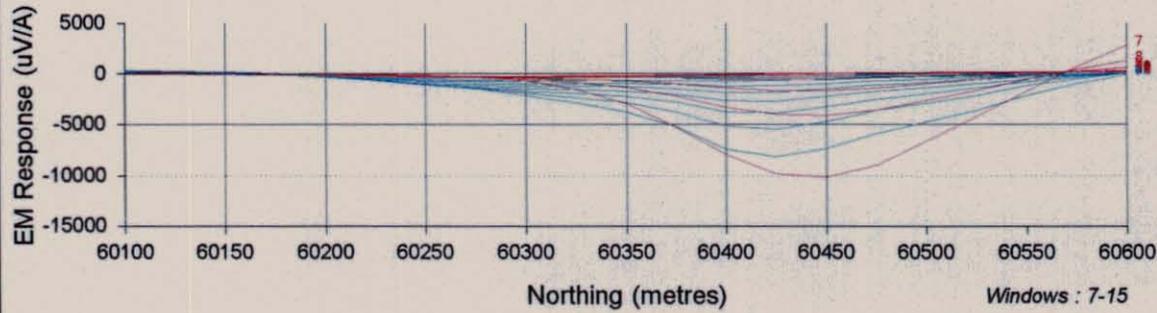
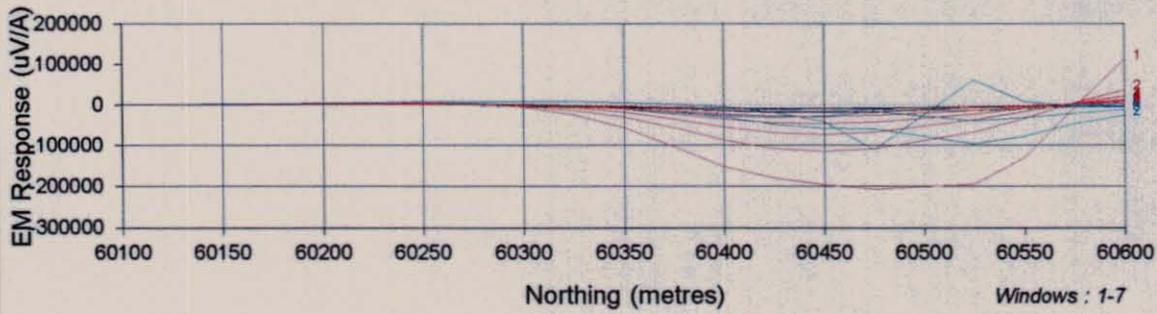
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58600E - Loop 2**

Drawn : ADT

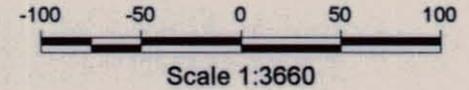
Figure :

505119



SURVEY PARAMETERS

RECORDED RESPONSE ———— (blue line)
 MODEL RESPONSE ———— (red line)



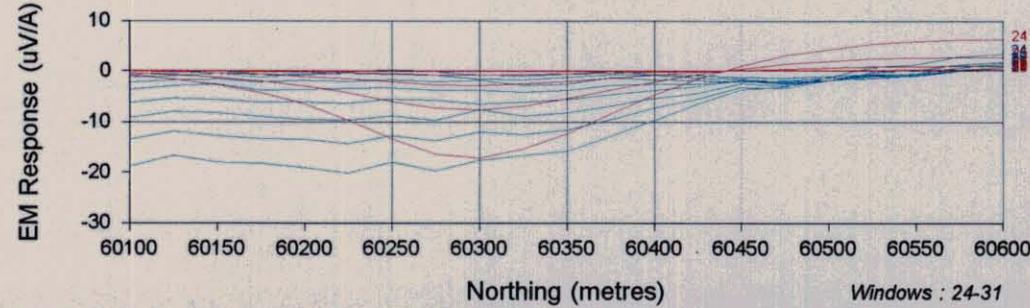
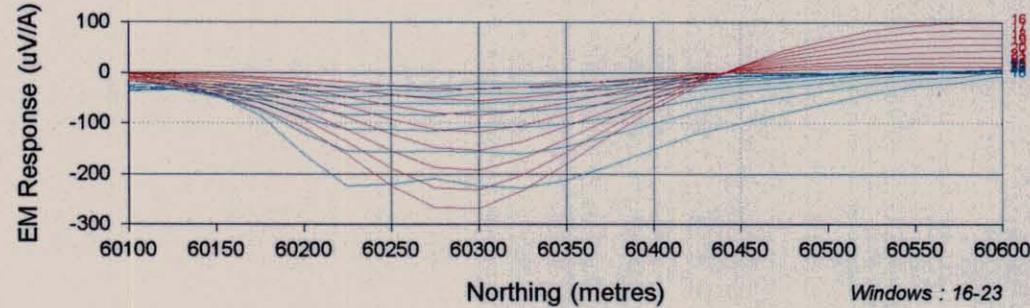
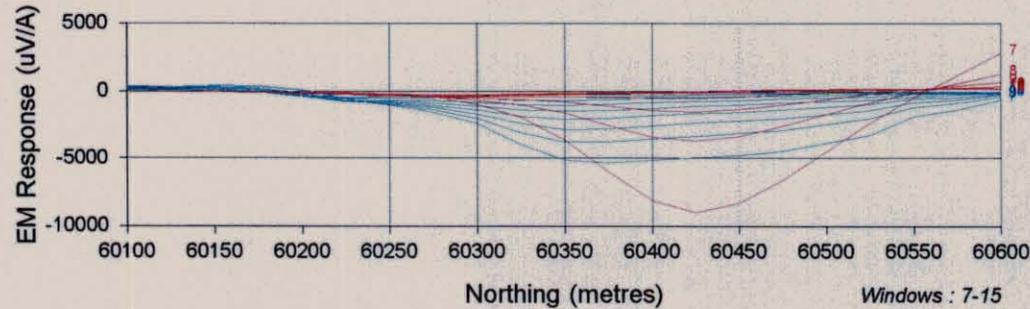
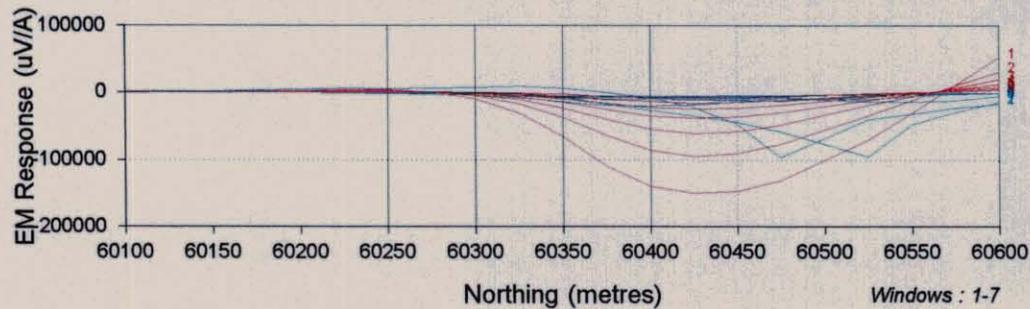
Western Metals Resources

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 Fixed Loop EM Survey
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 X COMPONENT EM RESPONSE
 Line 58500E - Loop 2**

Drawn : ADT

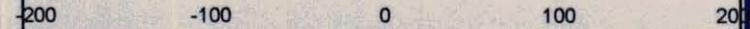
Figure :

505120



SURVEY PARAMETERS

Recorded Response ———— (blue line)
 Model Response : ———— (red line)



Scale 1:4167

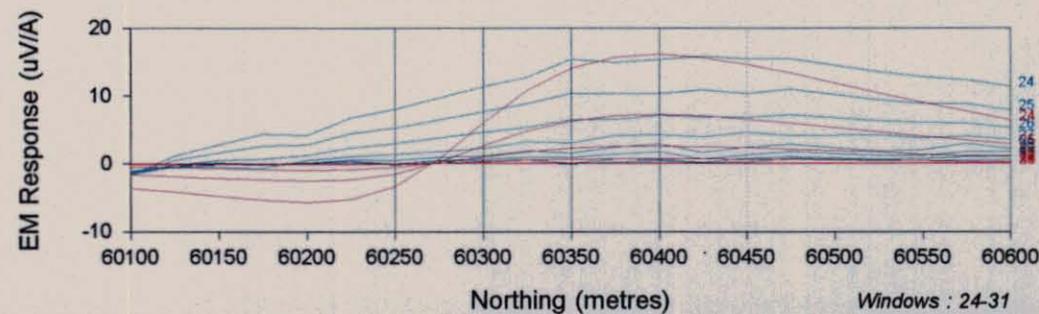
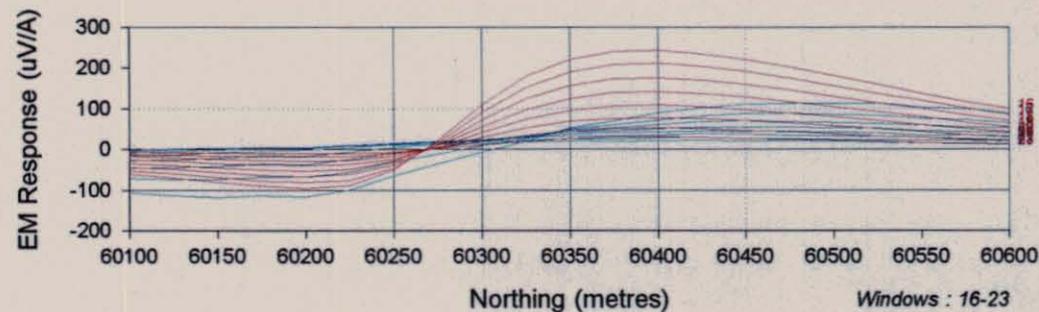
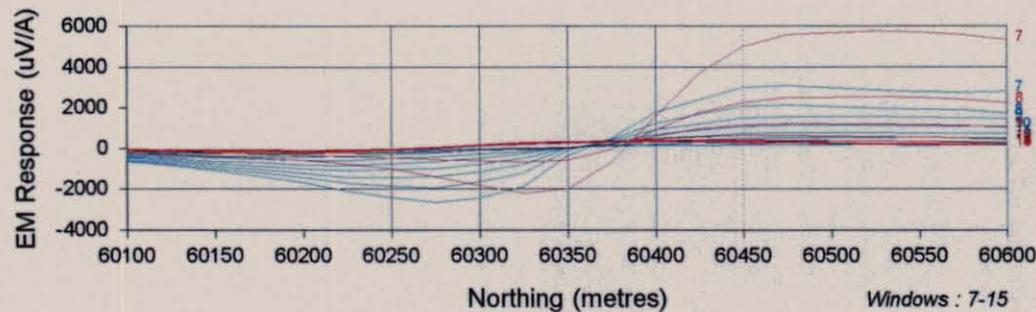
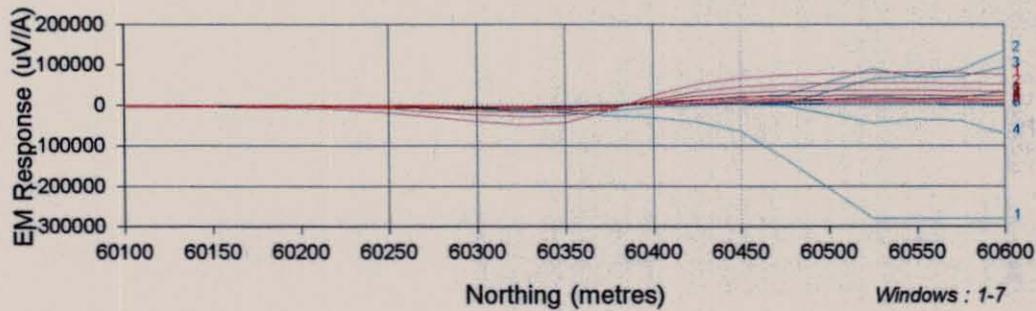
Western Metals Resources

**Comstock Prospect
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 Line 58600E - Loop 2**

Drawn : ADT

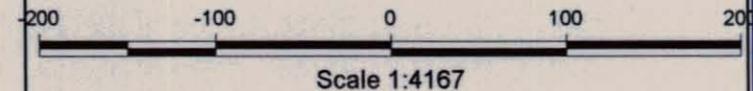
Figure :

505121



SURVEY PARAMETERS

Recorded Response ————
 Model Response : ————



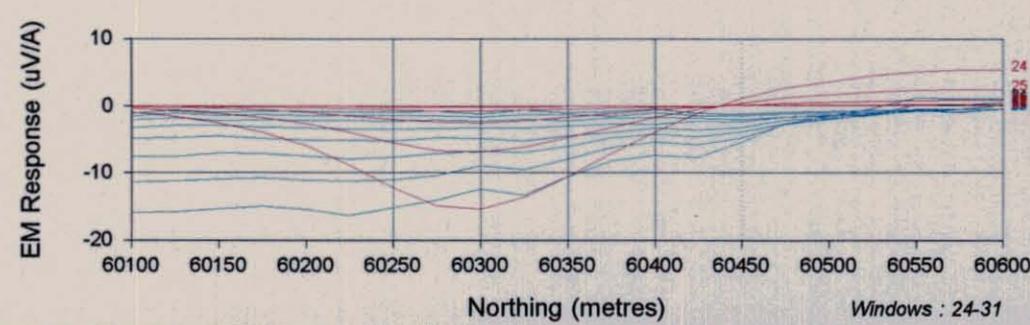
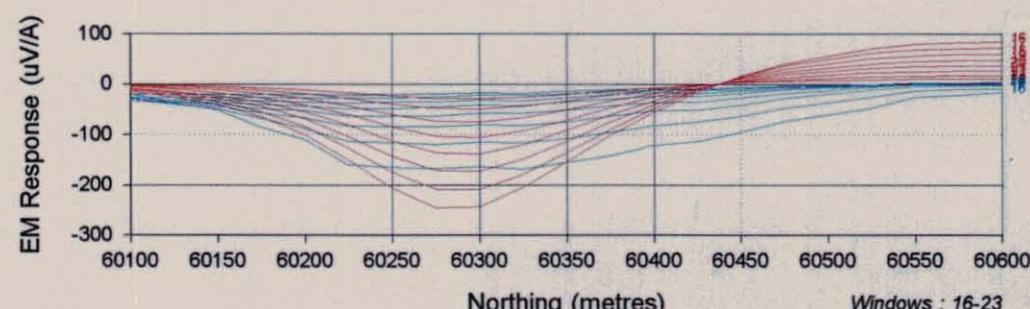
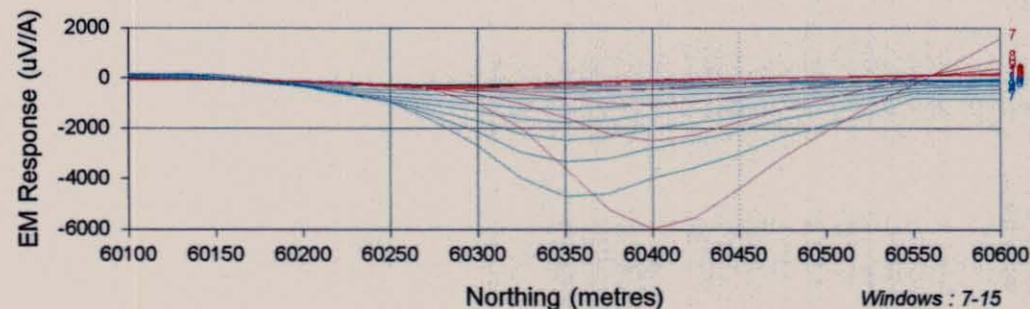
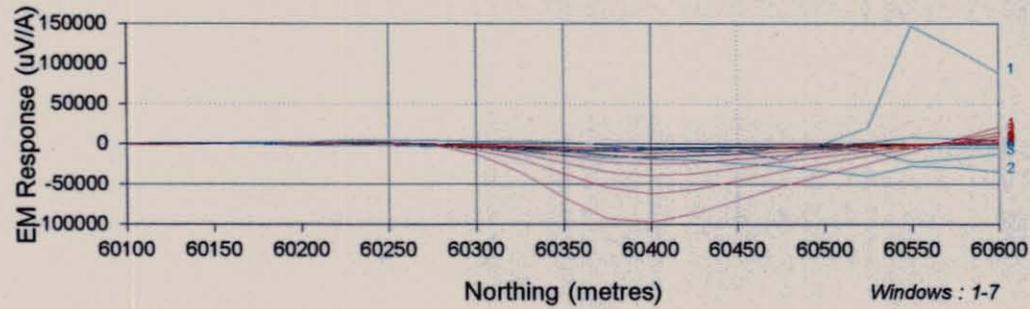
Western Metals Resources

**Comstock Prospect
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 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58700E - Loop 2**

Drawn : ADT

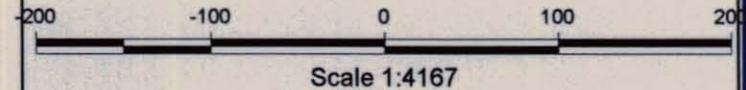
Figure :

505122



SURVEY PARAMETERS

Recorded Response : — (blue line)
 Model Response : — (red line)



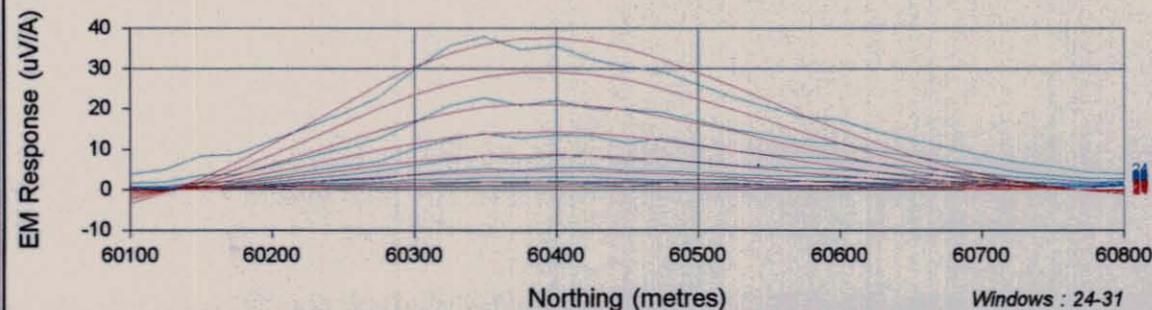
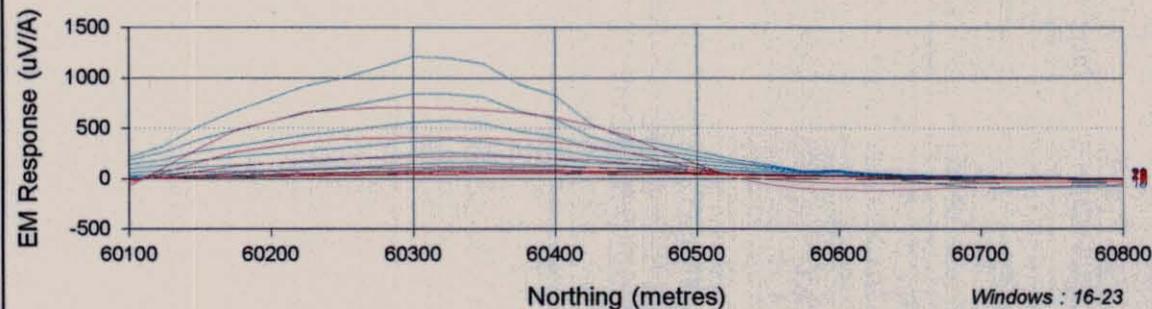
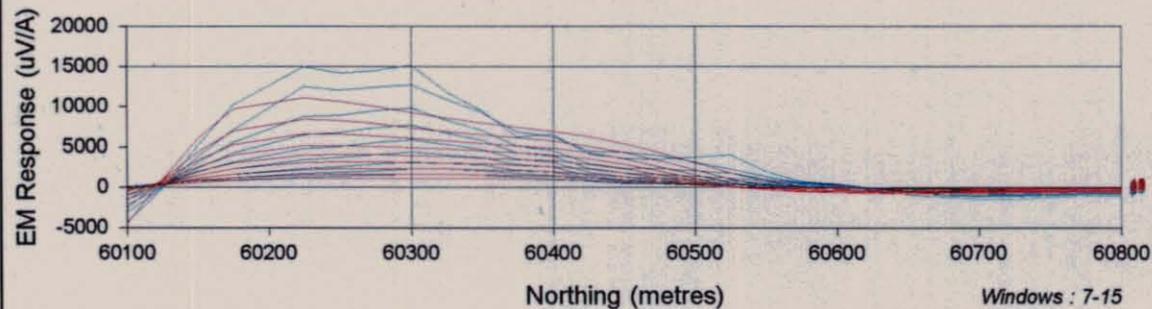
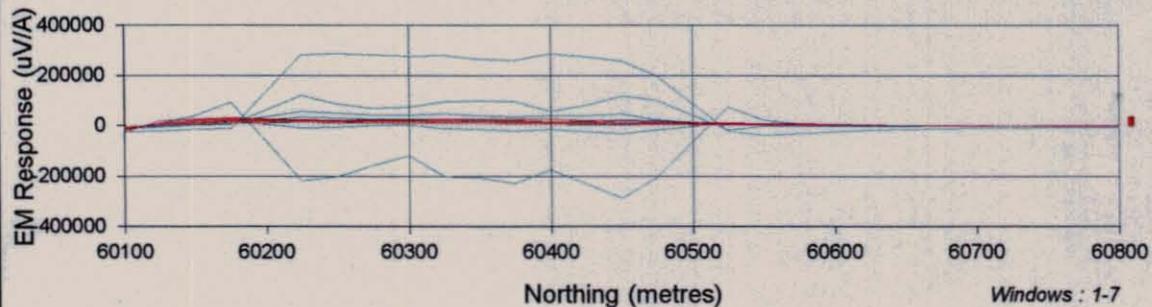
Western Metals Resources

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 Line 58700E - Loop 2**

Drawn : ADT

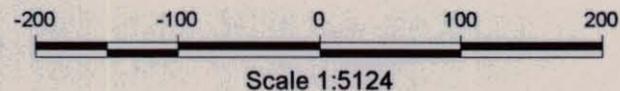
Figure :

505123



SURVEY PARAMETERS

Recorded Reponse :
 Model RResponse :



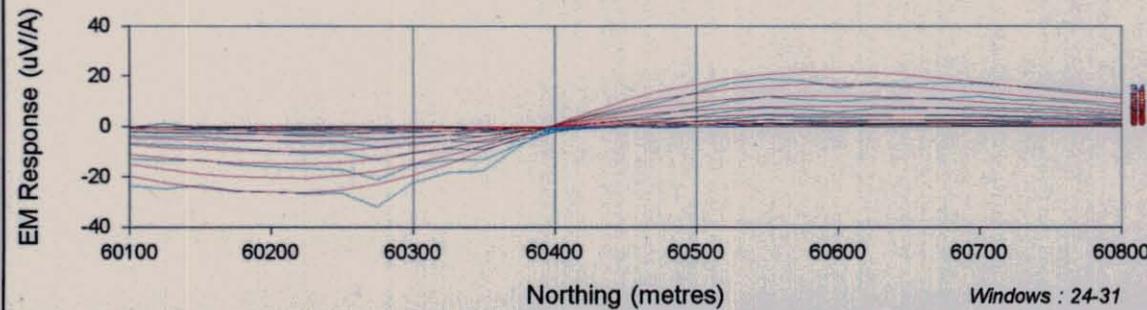
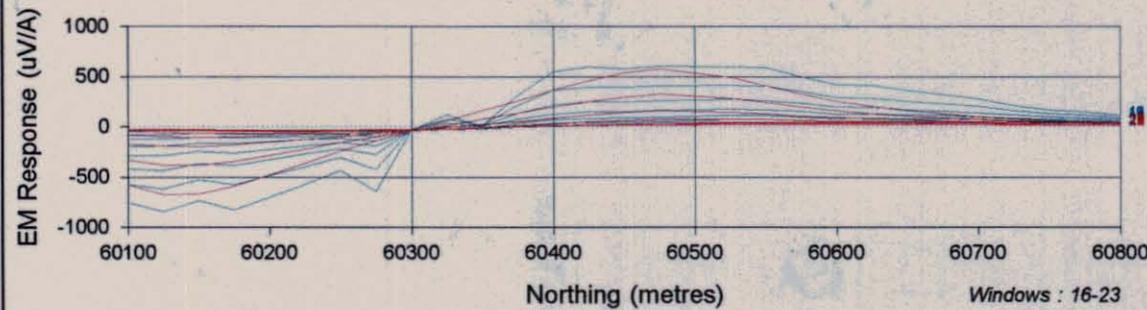
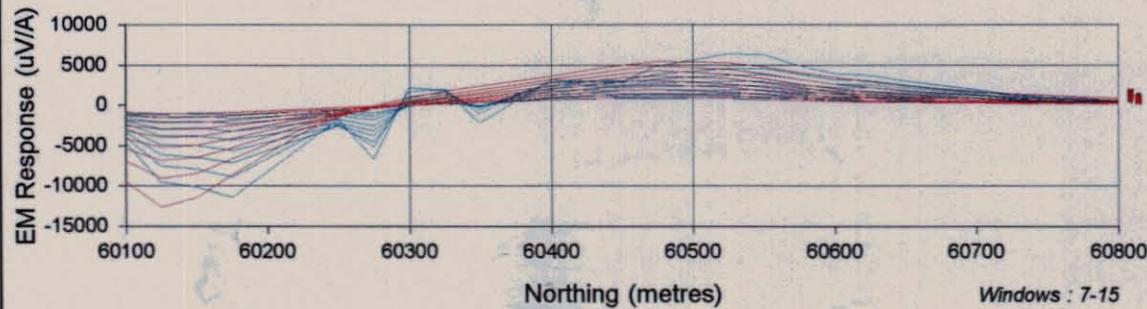
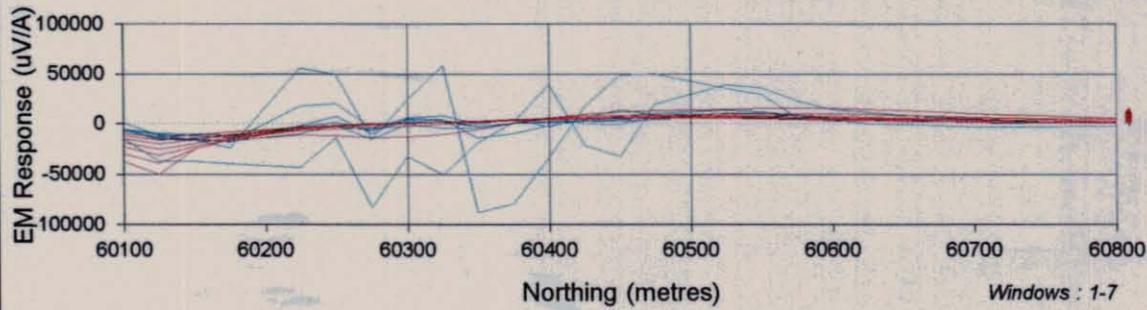
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 57700E - Loop 3**

Drawn : ADT

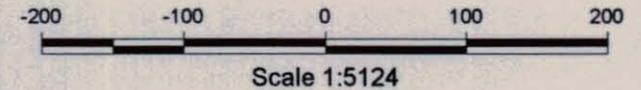
Figure :

505124



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model RResponse : — (red line)



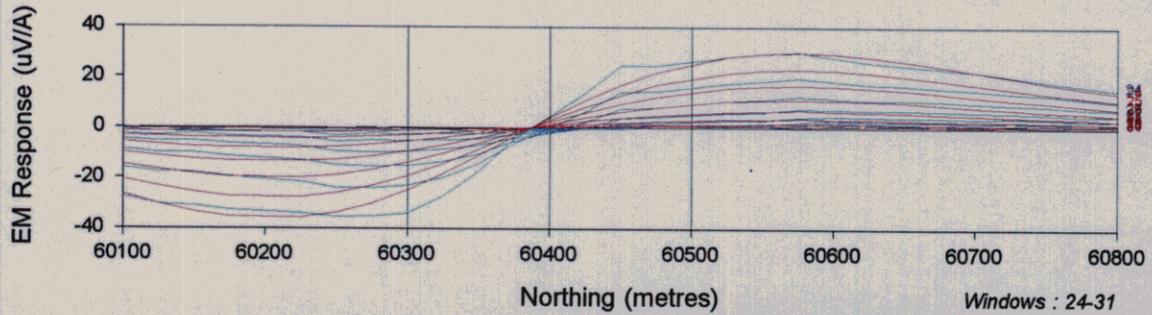
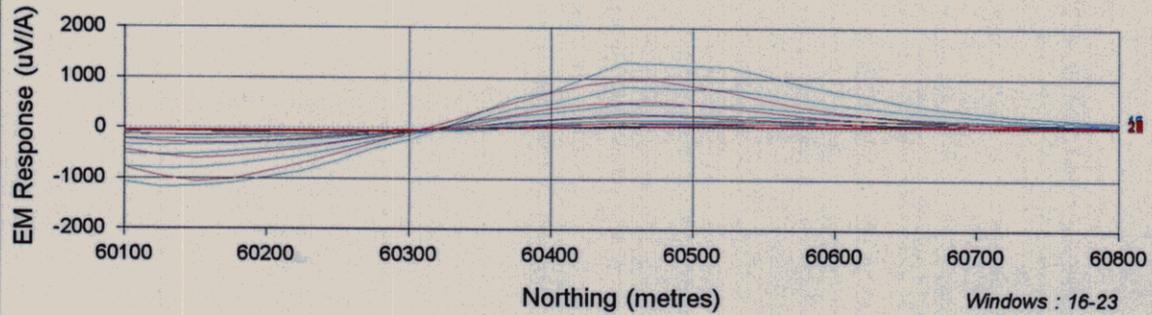
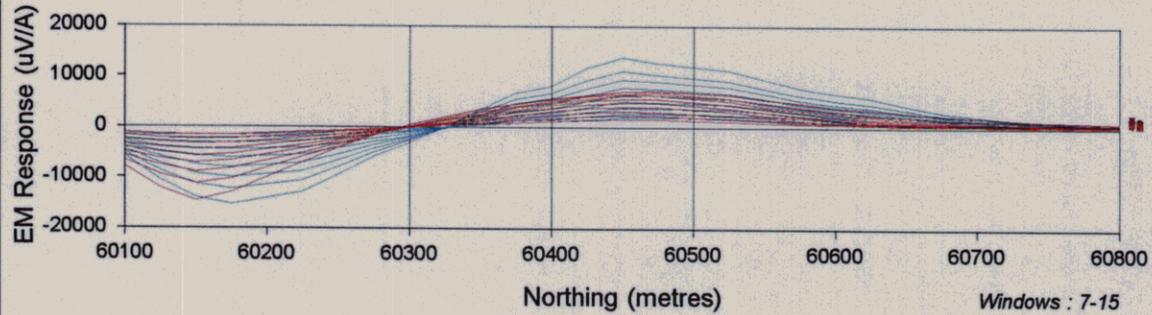
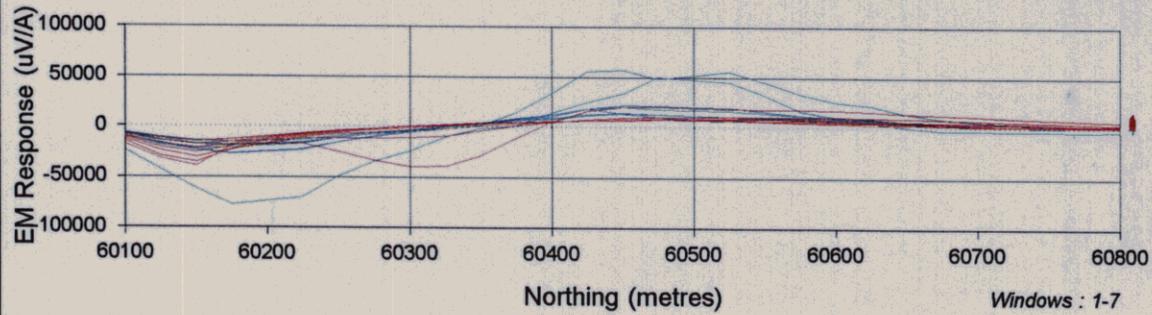
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 57700E - Loop 3**

Drawn : ADT

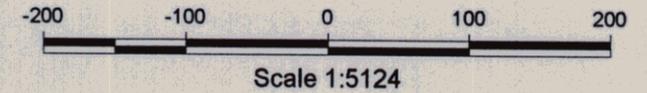
Figure :

505125



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model RResponse : — (red line)



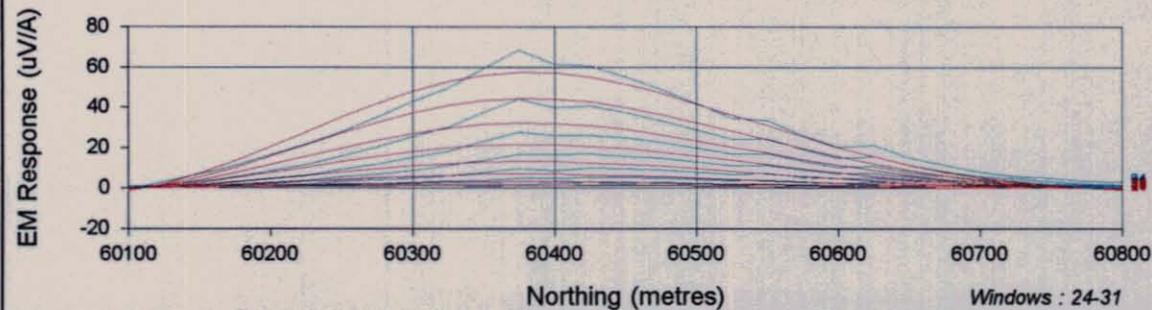
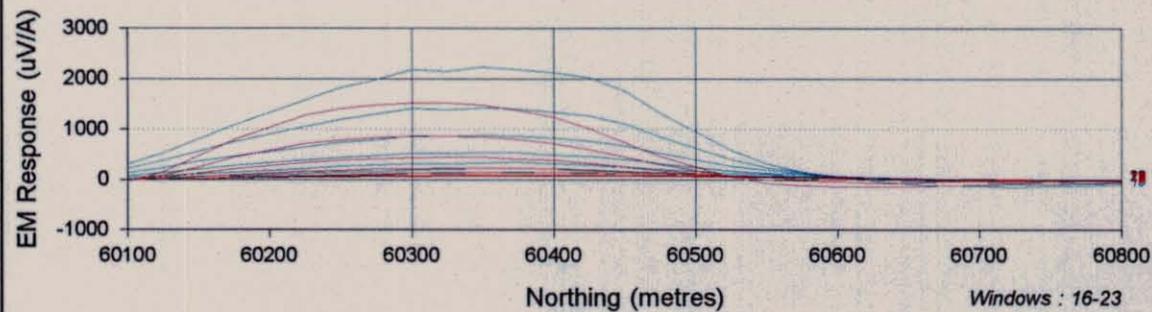
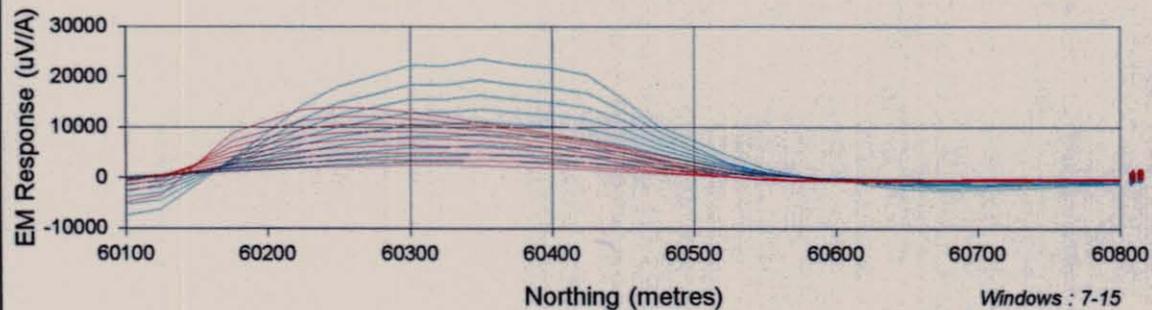
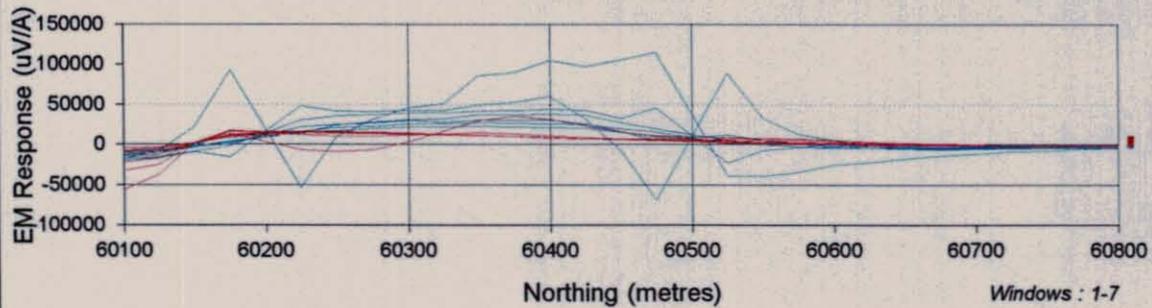
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**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 57800E - Loop 3**

Drawn : ADT

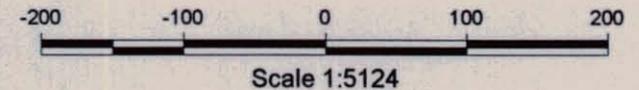
Figure :

505126



SURVEY PARAMETERS

Recorded Reponse : 
 Model RResponse : 



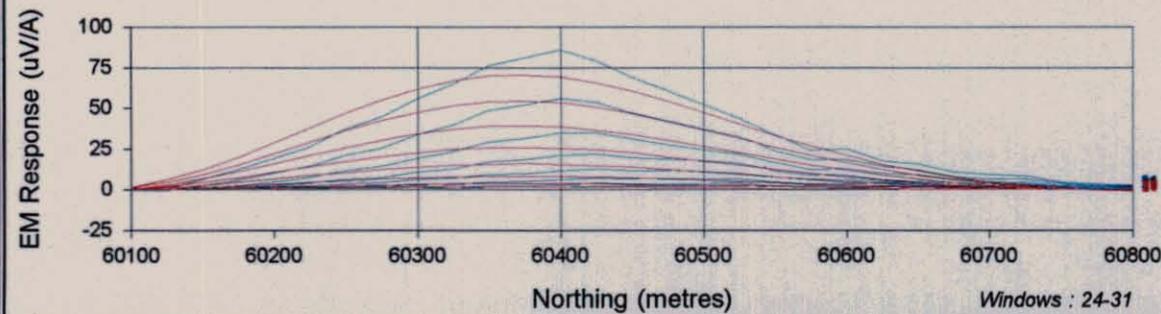
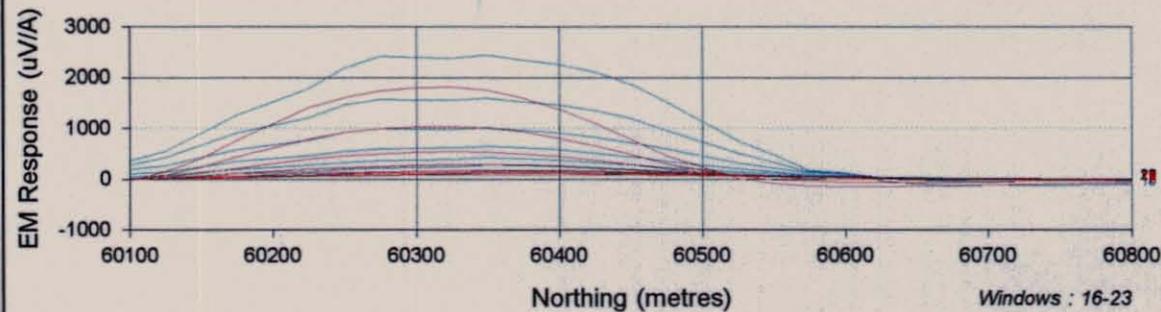
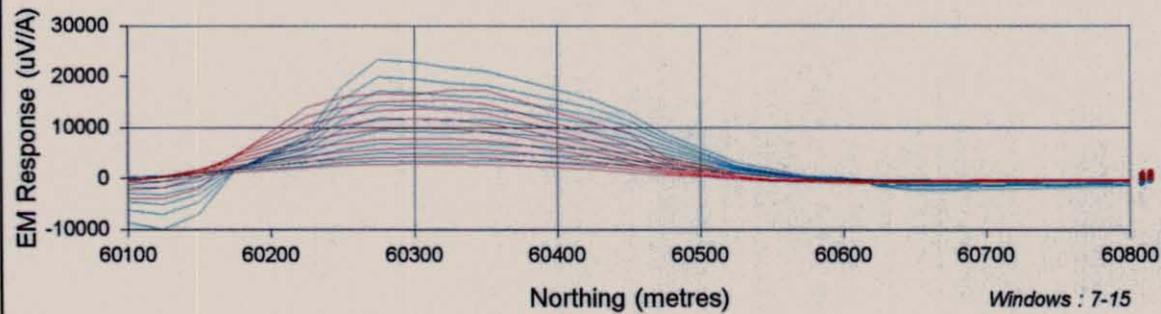
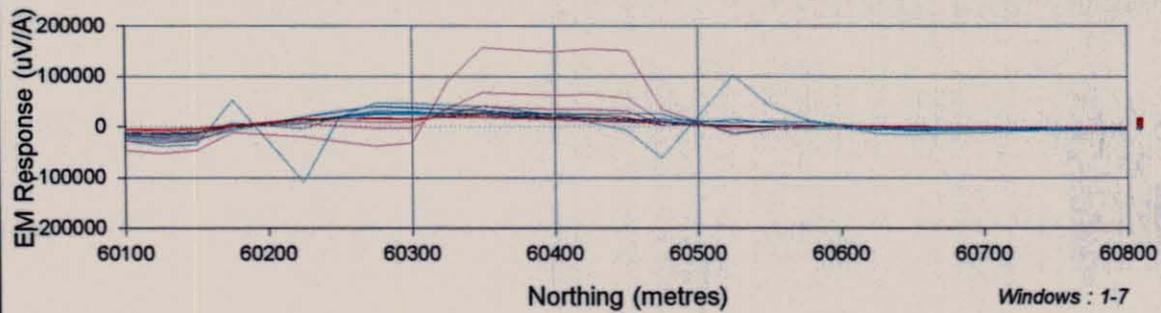
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 57800E - Loop 3**

Drawn : ADT

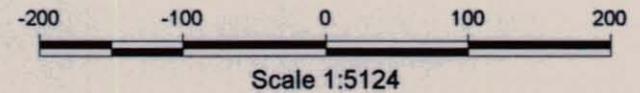
Figure :

505127



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



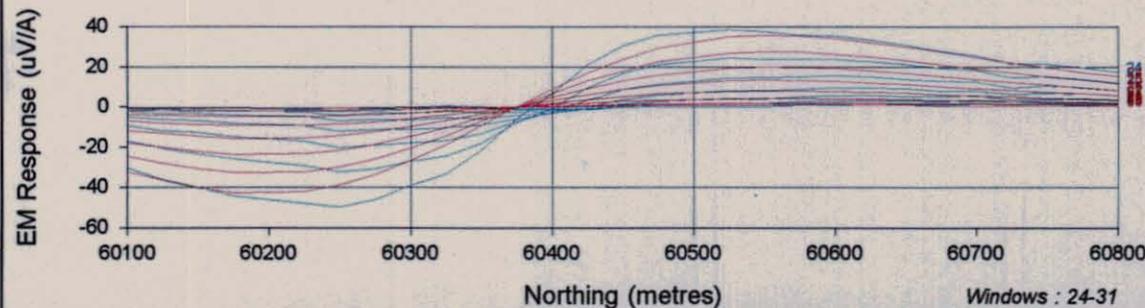
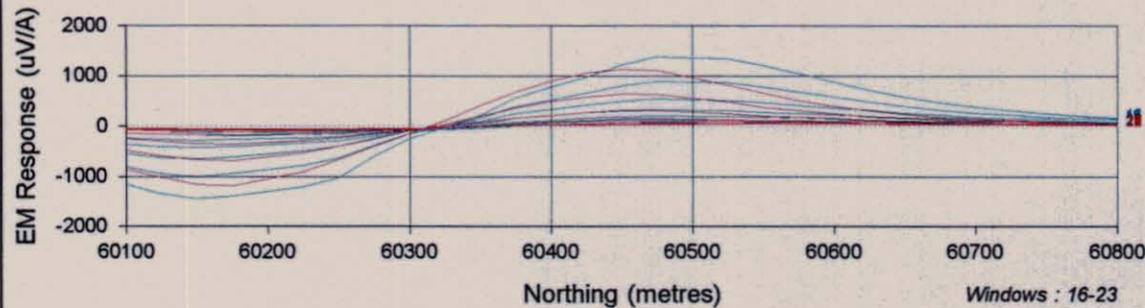
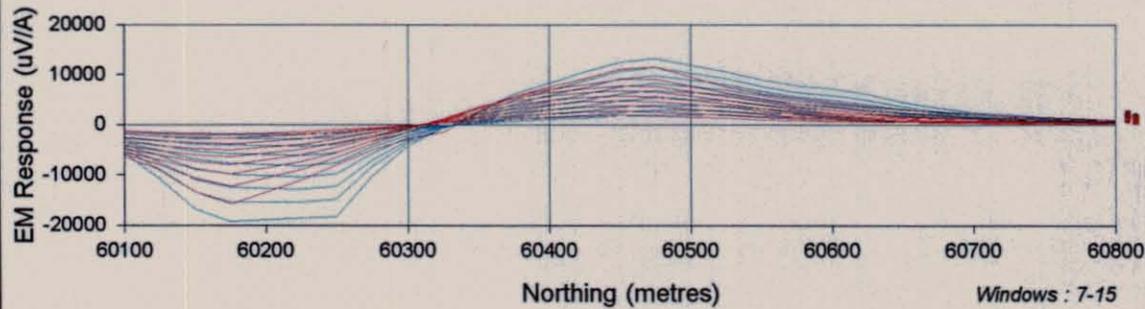
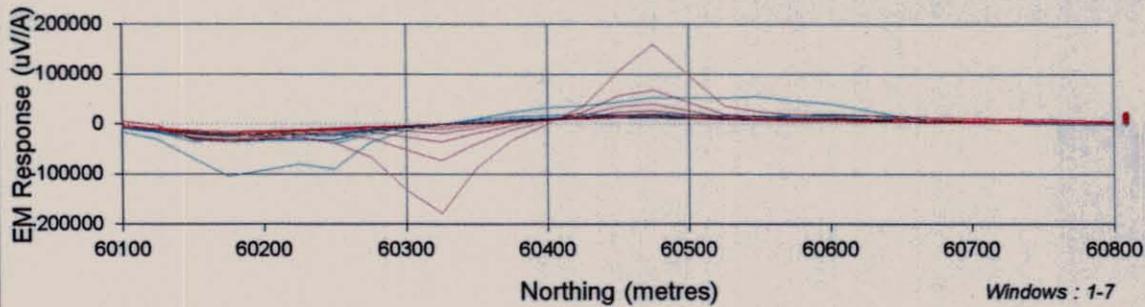
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 57900E - Loop 3**

Drawn : ADT

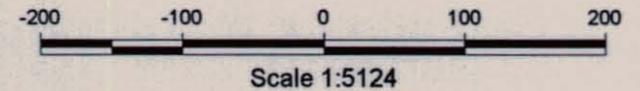
Figure :

505128



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



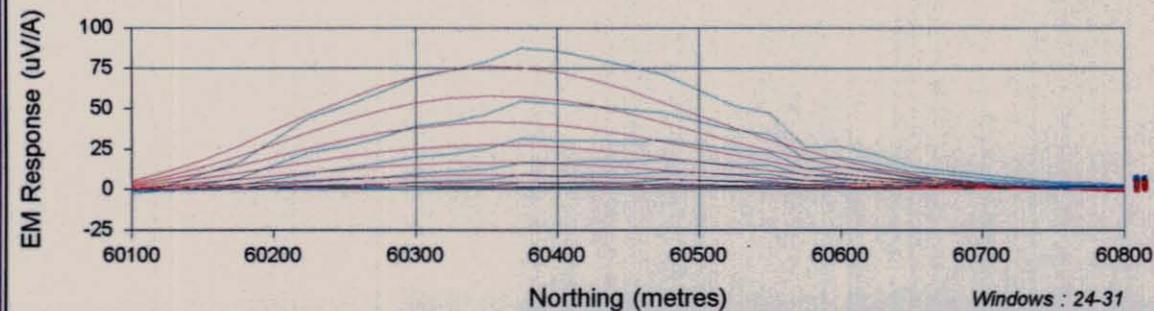
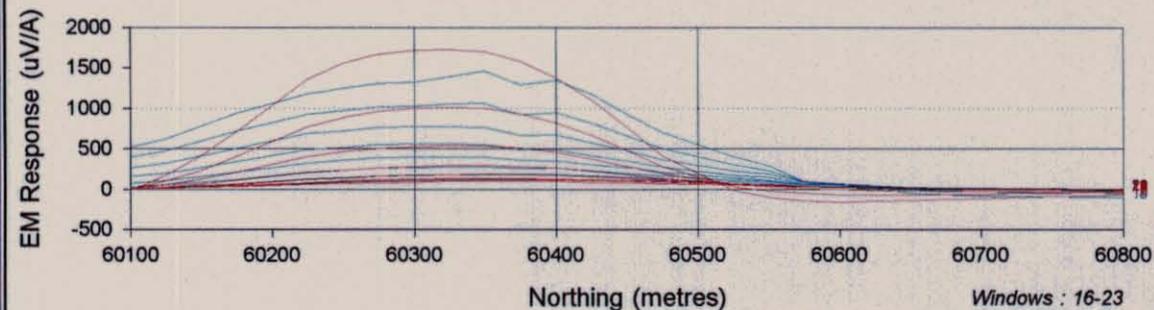
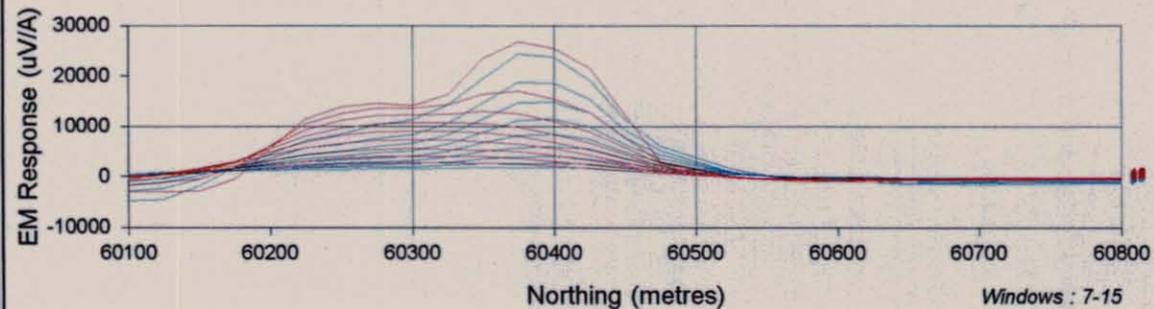
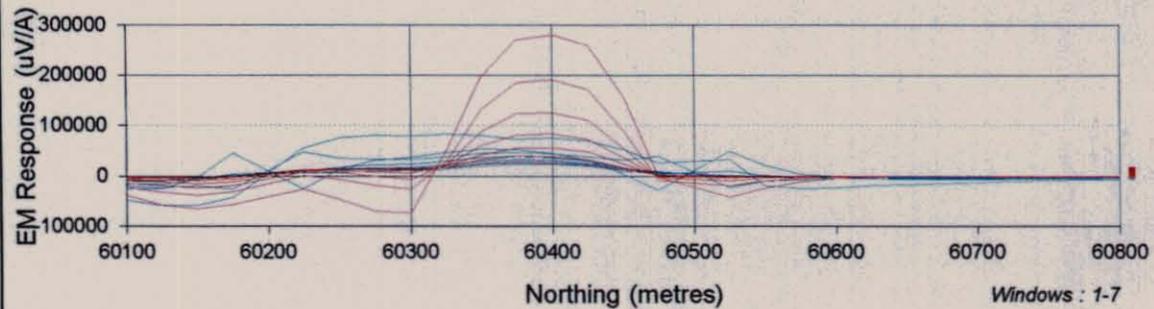
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 57900E - Loop 3**

Drawn : ADT

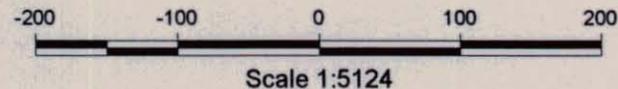
Figure :

505129



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
Model REsponse : — (red line)



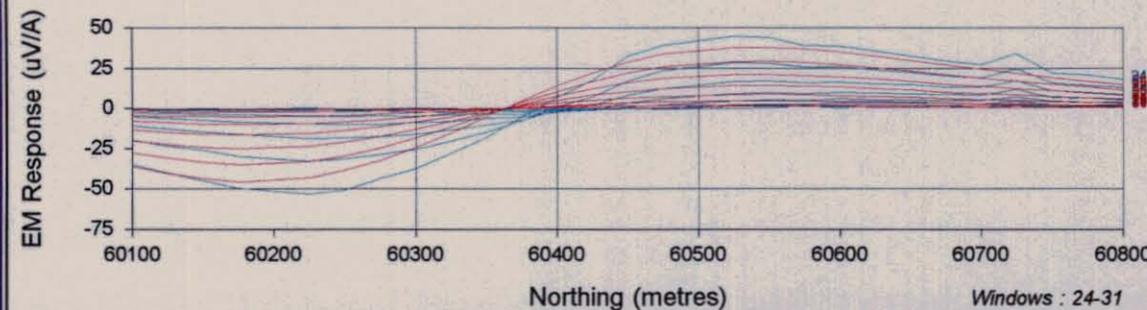
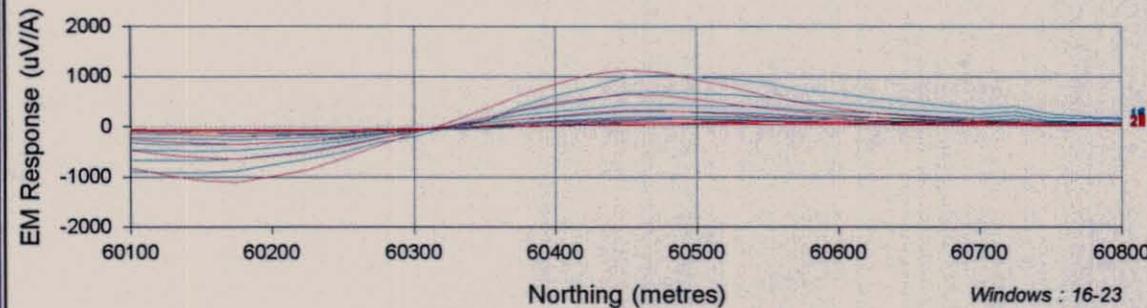
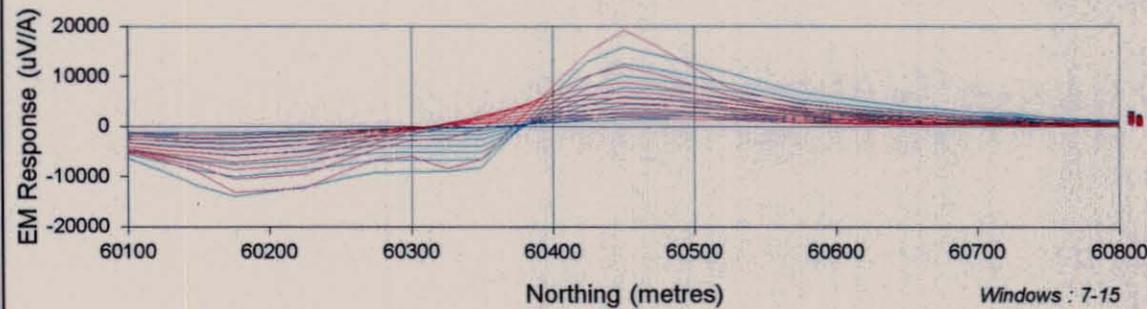
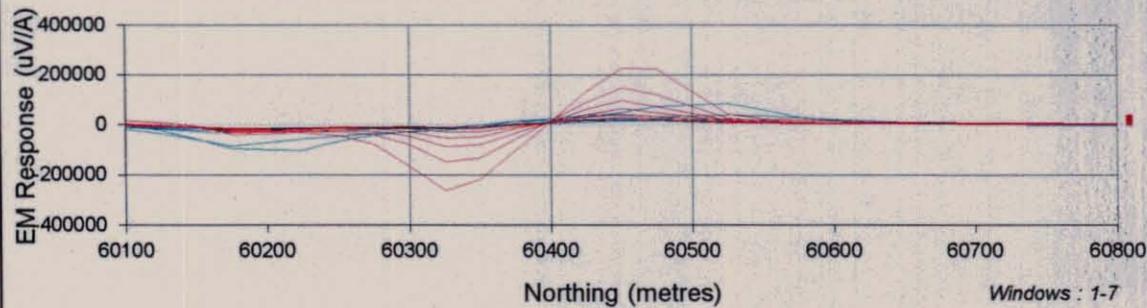
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**Comstock Prospect
Fixed Loop EM Survey
REAL AND MODELED
Z COMPONENT EM RESPONSE
Line 58000E - Loop 3**

Drawn : ADT

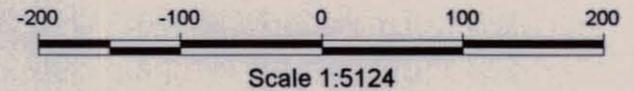
Figure :

505130



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



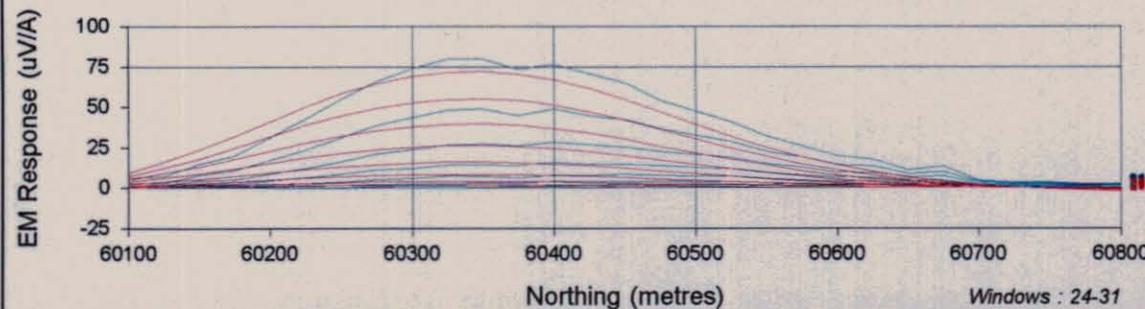
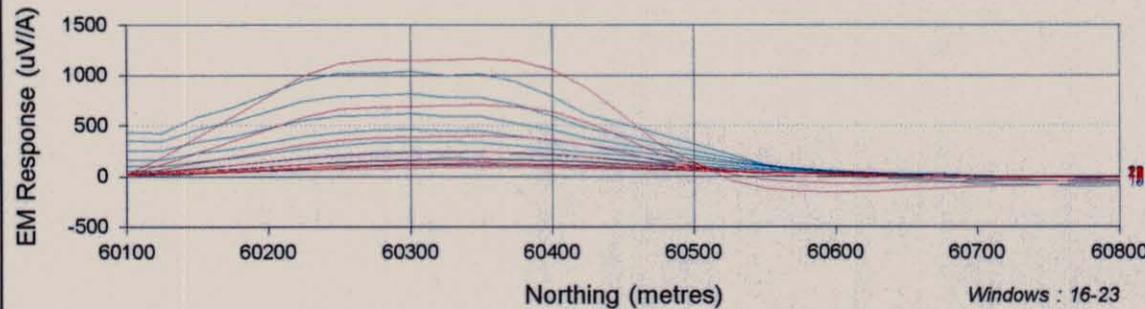
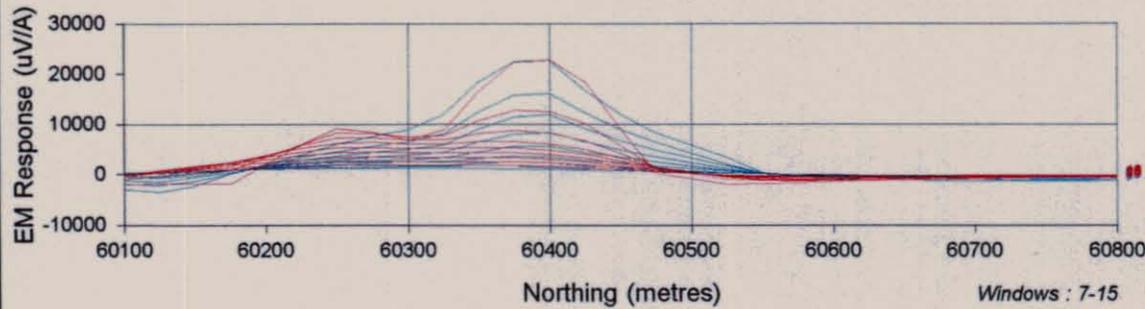
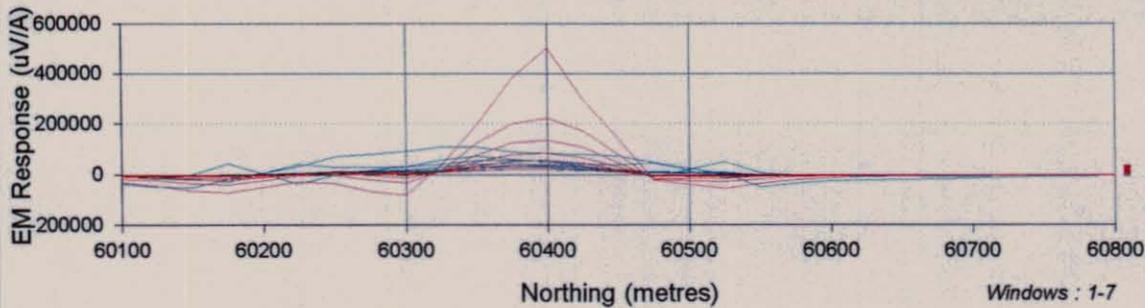
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58000E - Loop 3**

Drawn : ADT

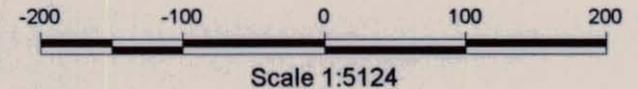
Figure :

505131



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



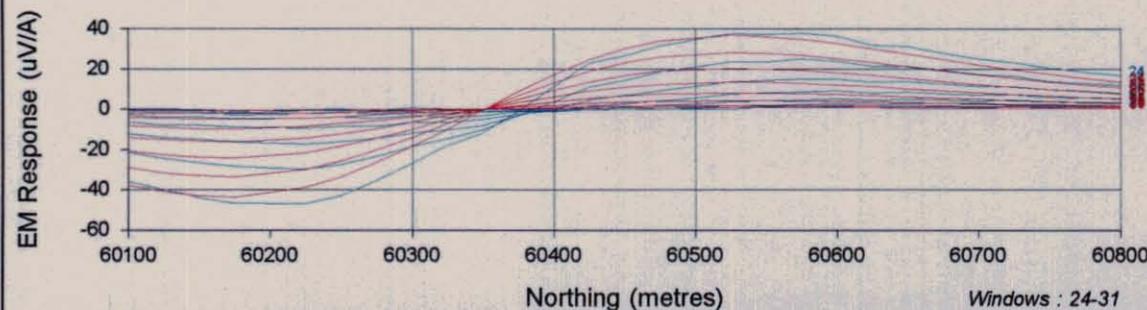
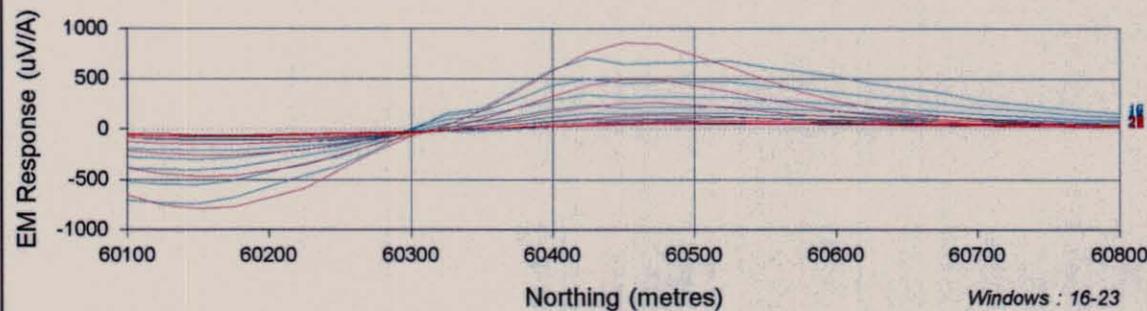
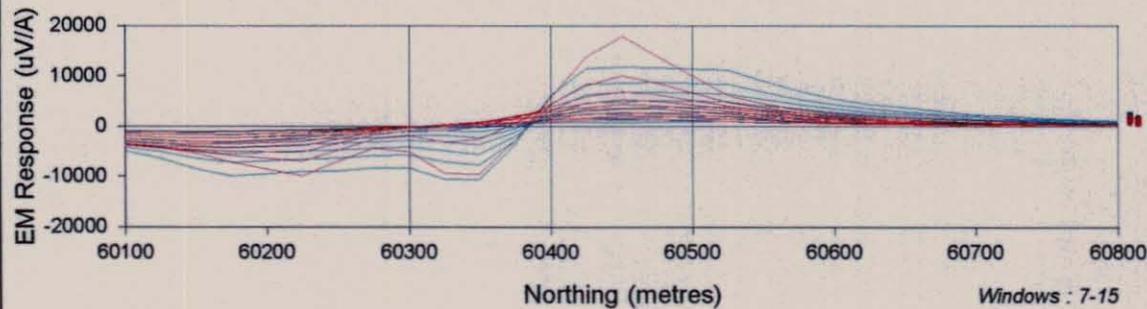
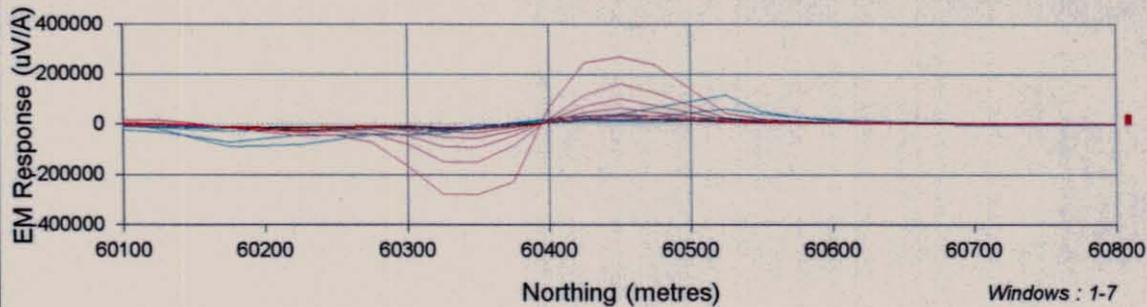
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58100E - Loop 3**

Drawn : ADT

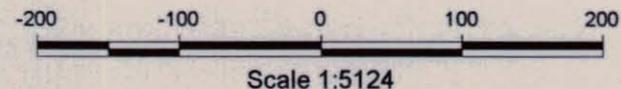
Figure :

505132



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



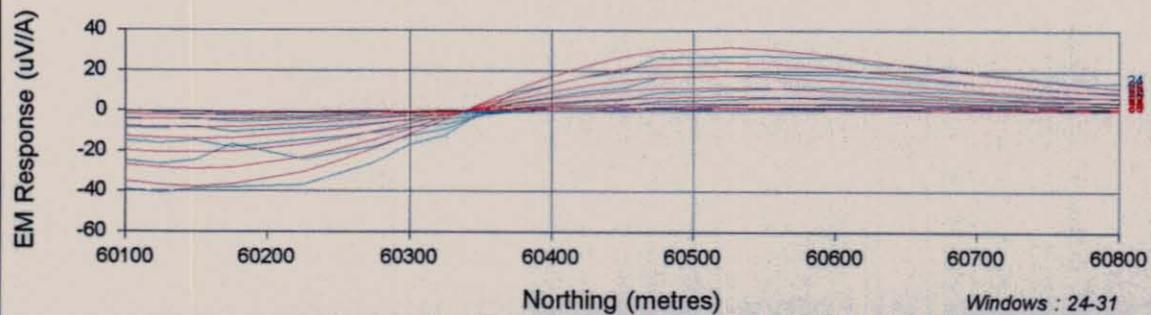
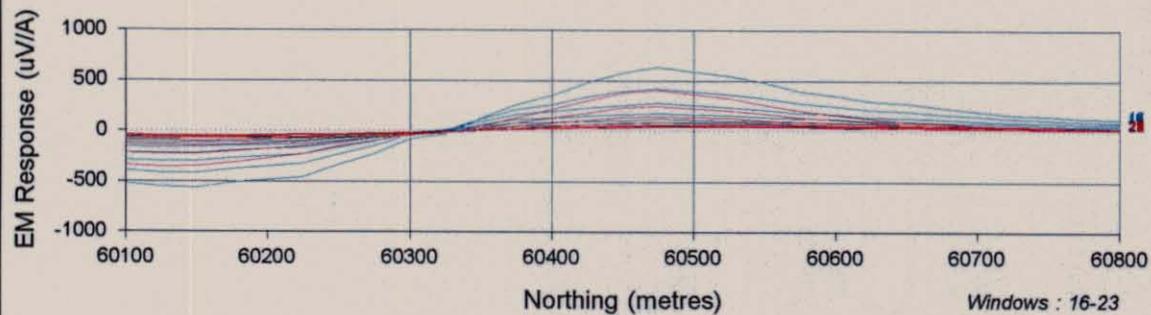
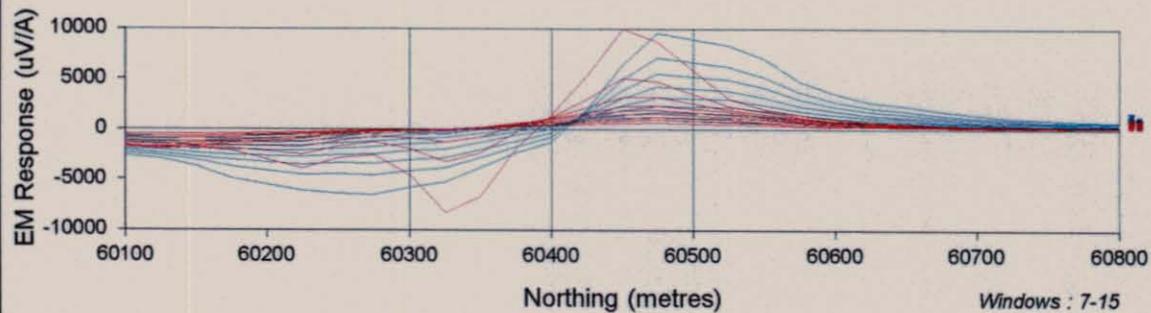
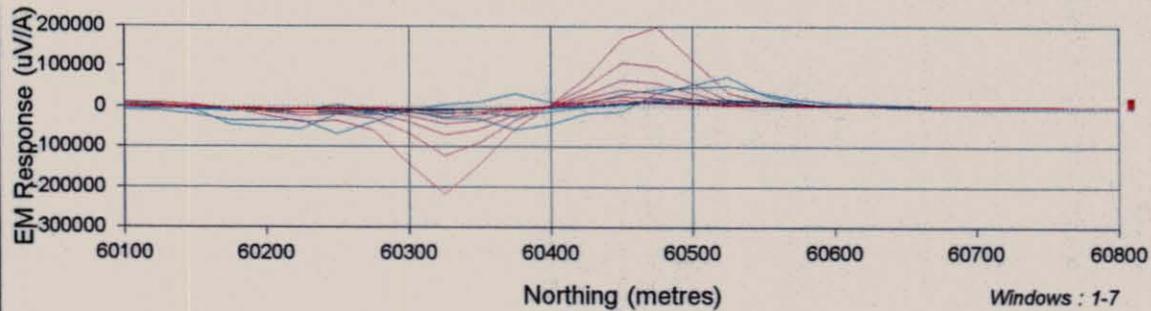
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**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58100E - Loop 3**

Drawn : ADT

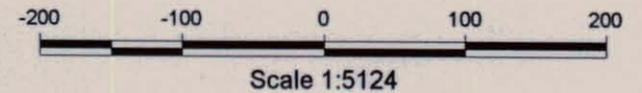
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502133



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



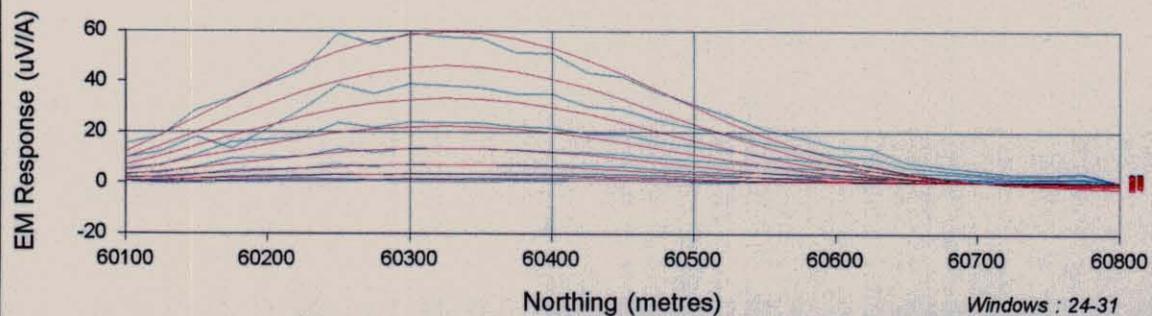
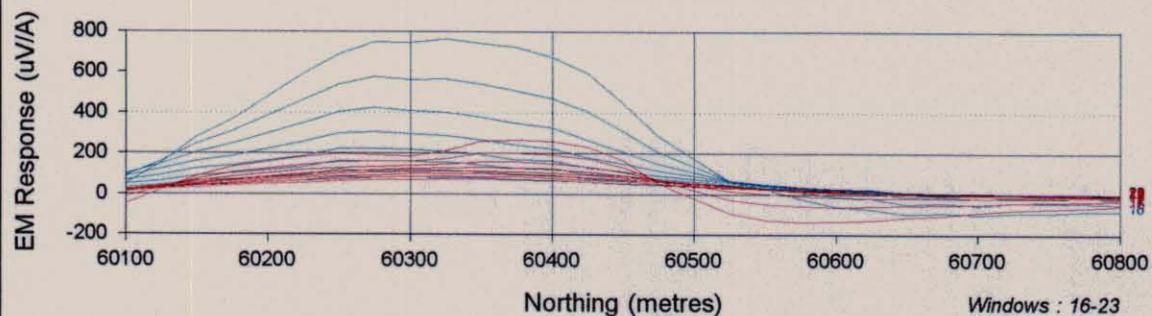
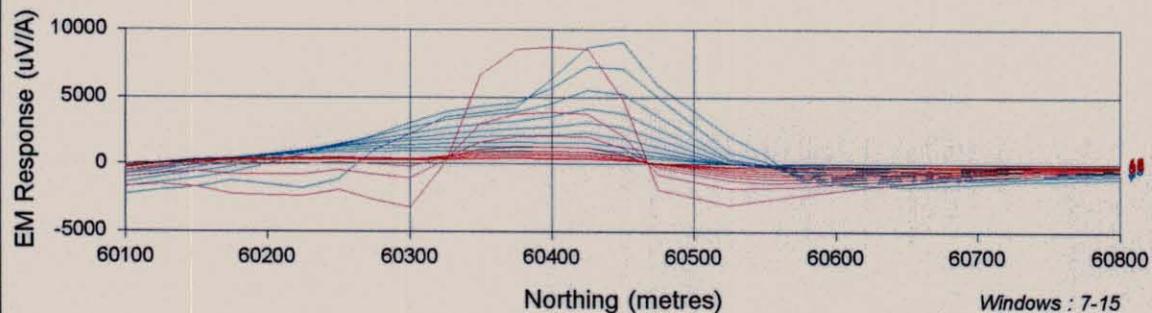
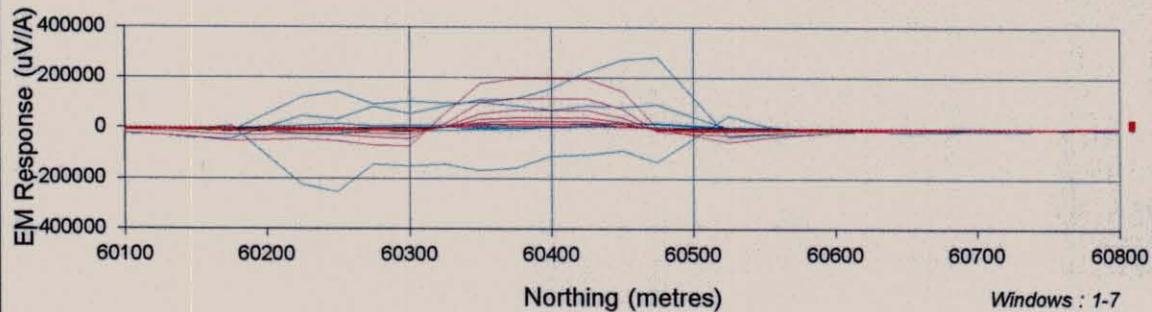
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58200E - Loop 3**

Drawn : ADT

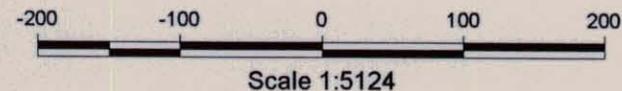
Figure :

505134



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



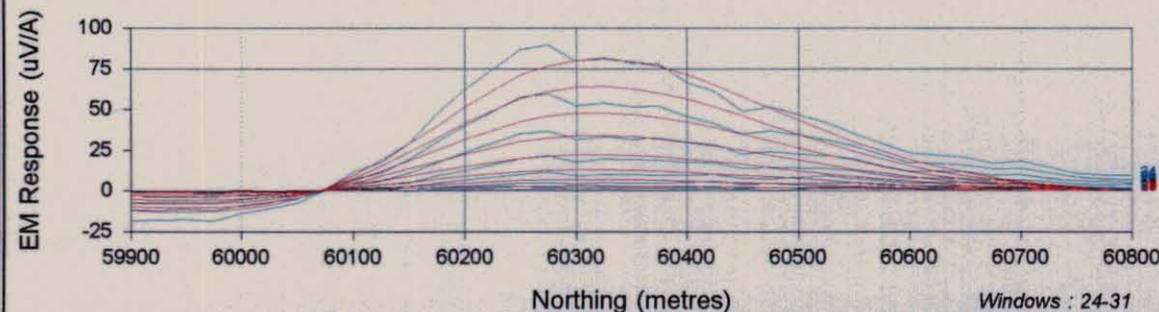
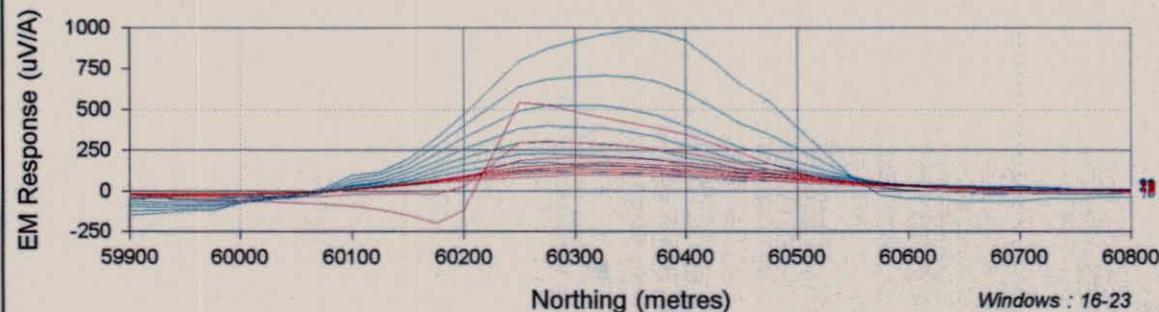
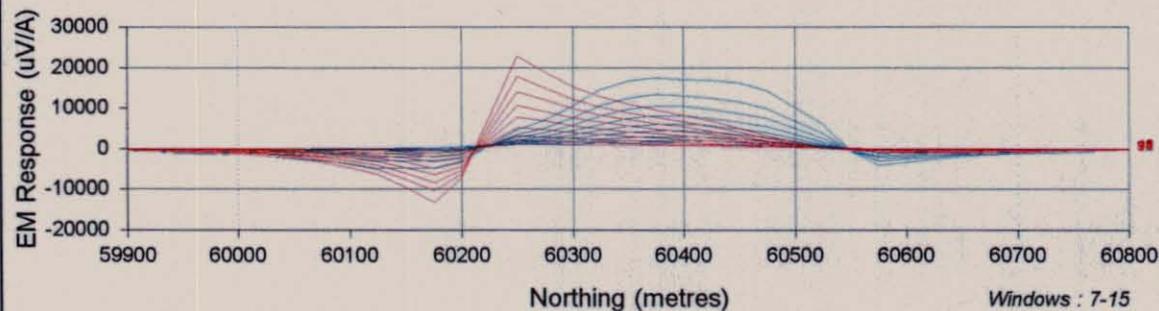
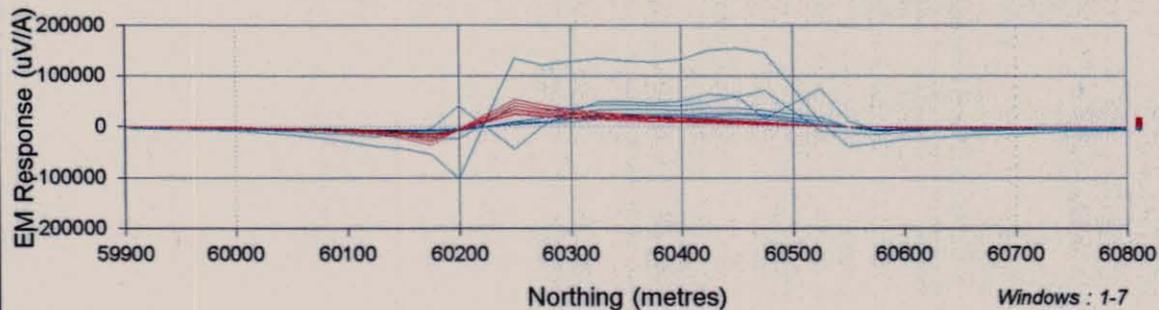
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**Comstock Prospect
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 REAL AND MODELED
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 Line 58200E - Loop 3**

Drawn : ADT

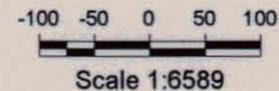
Figure :

505135



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



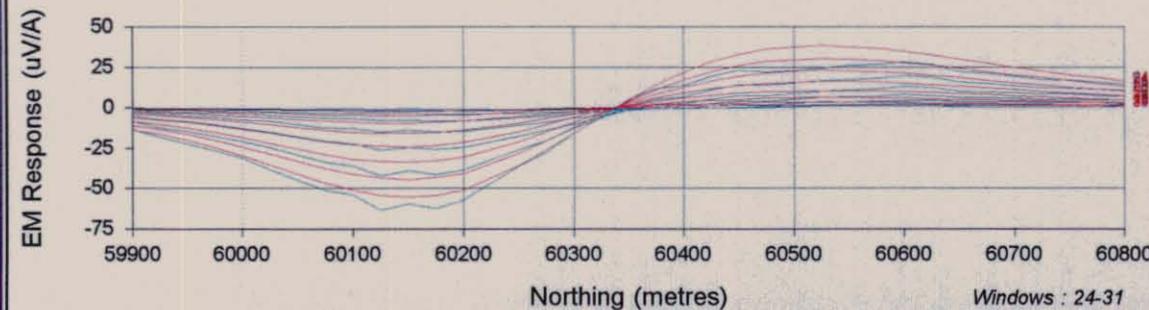
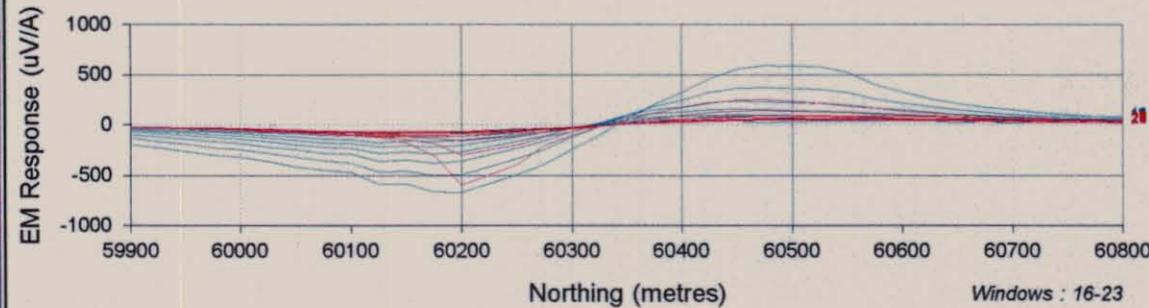
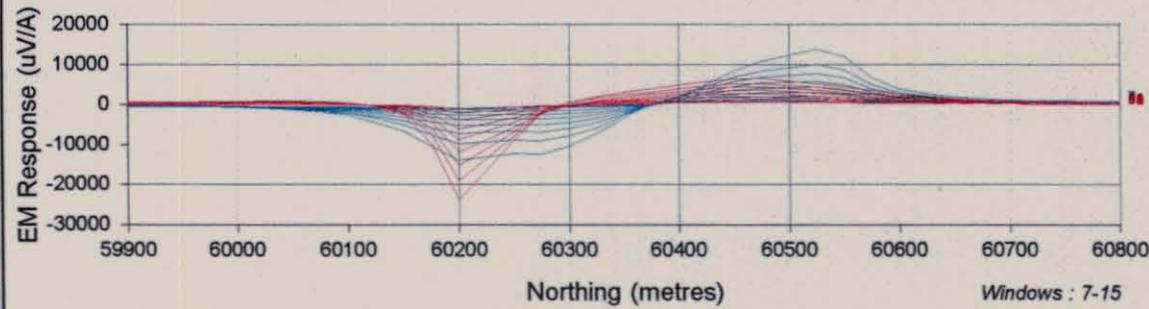
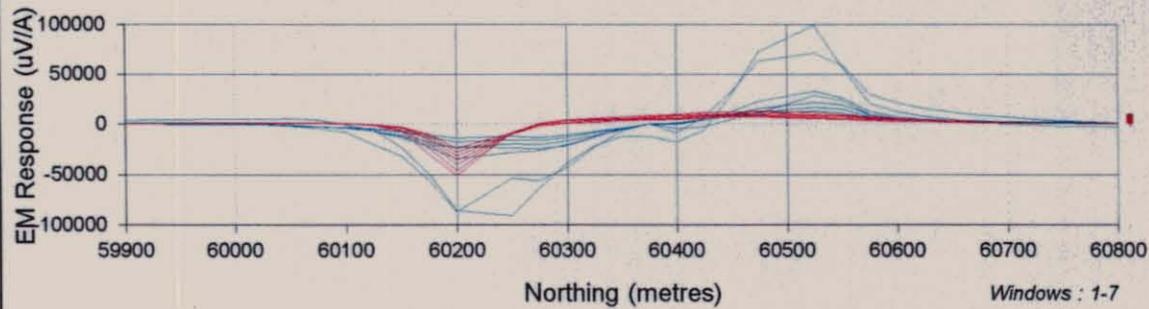
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58300E - Loop 4**

Drawn : ADT

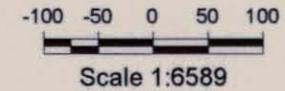
Figure :

505136



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
Model Response : — (red line)



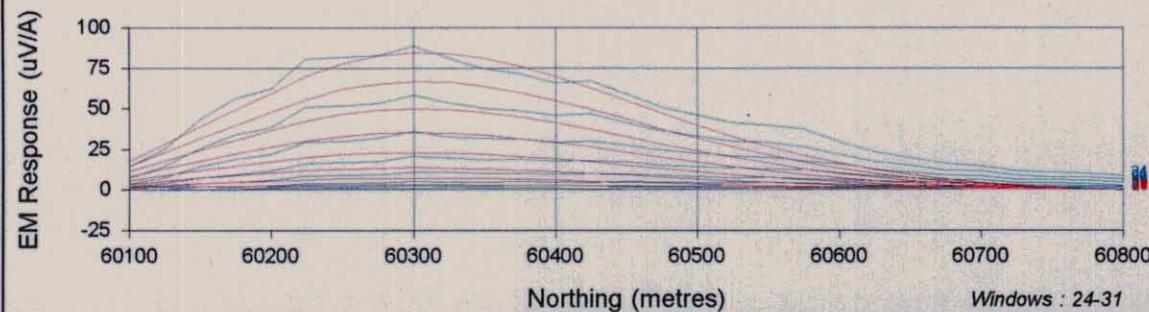
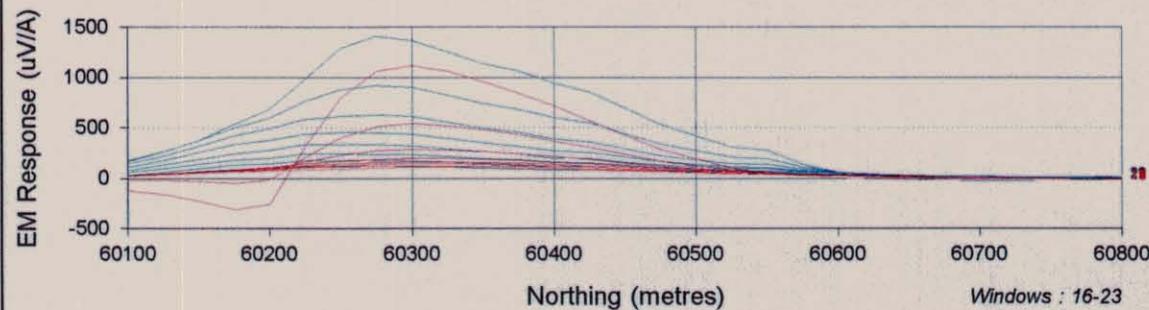
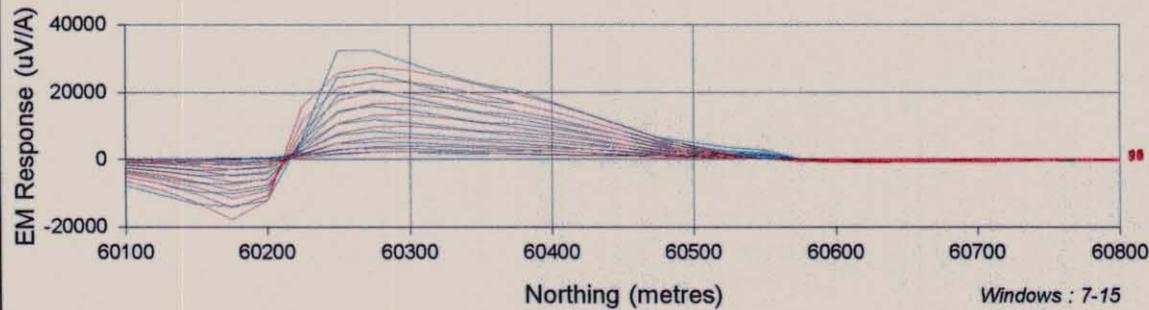
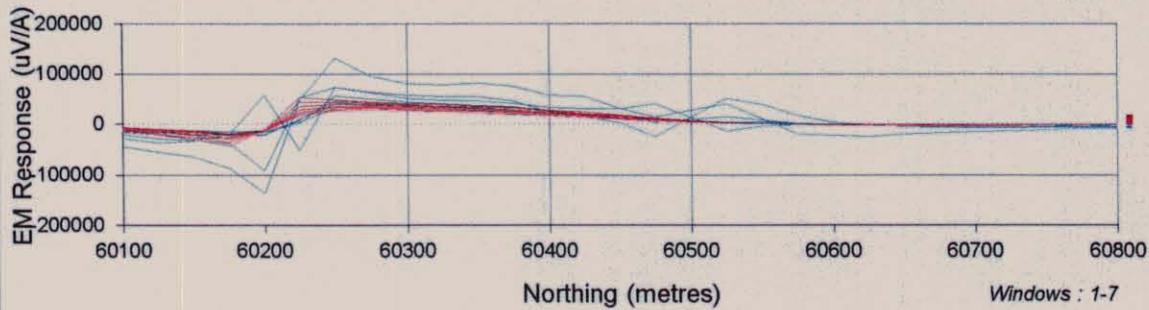
Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
REAL AND MODELED
X COMPONENT EM RESPONSE
Line 58300E - Loop 4**

Drawn : ADT

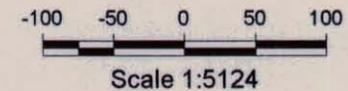
Figure :

505137



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



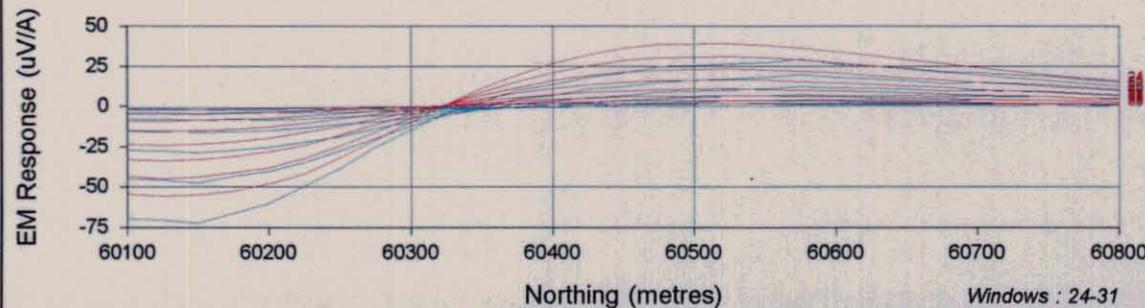
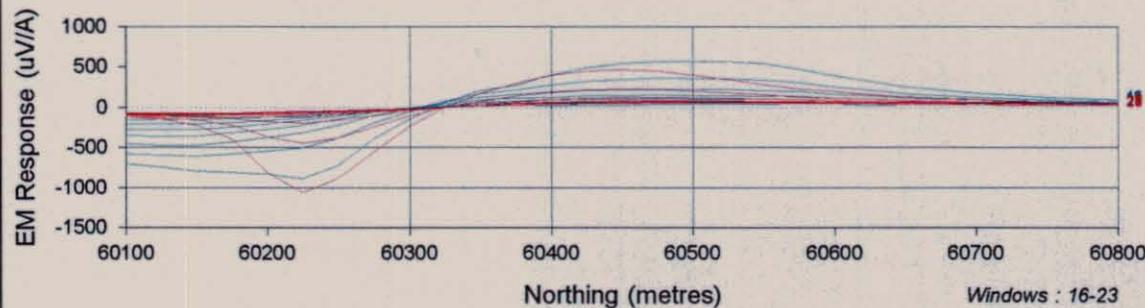
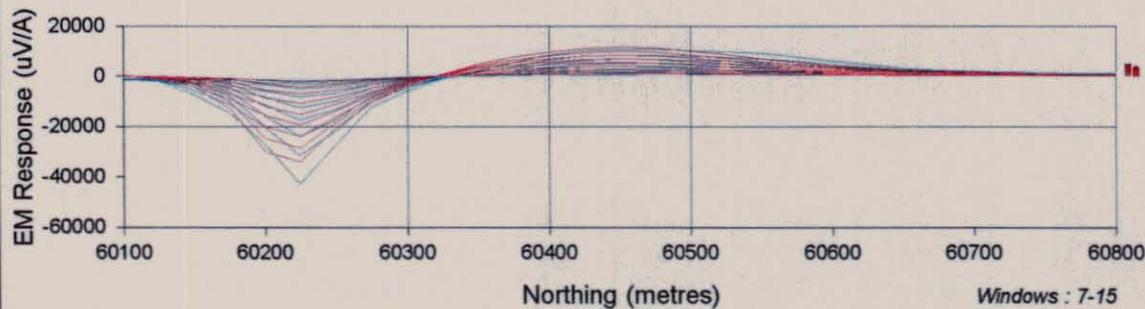
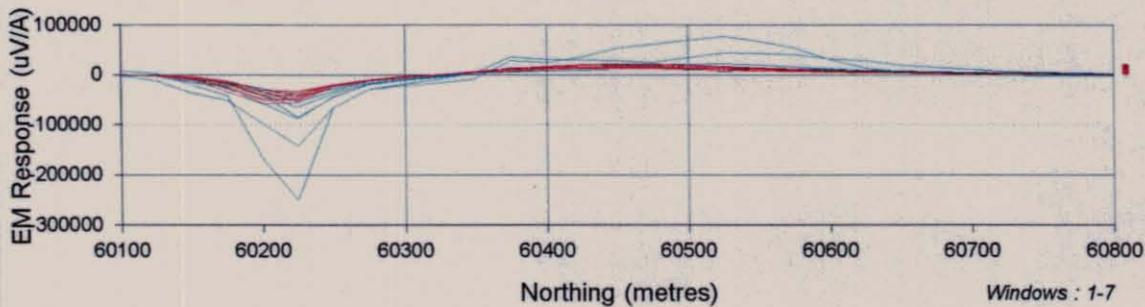
Western Metals Resources

**Comstock Prospect
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 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58400E - Loop 4**

Drawn : ADT

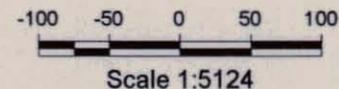
Figure :

505138



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



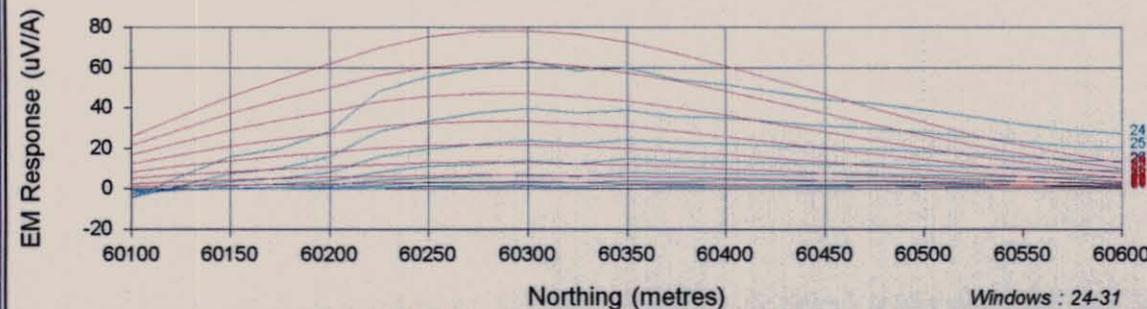
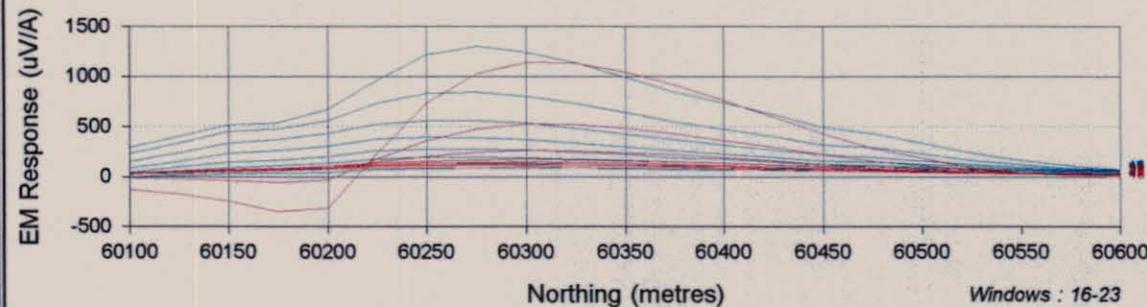
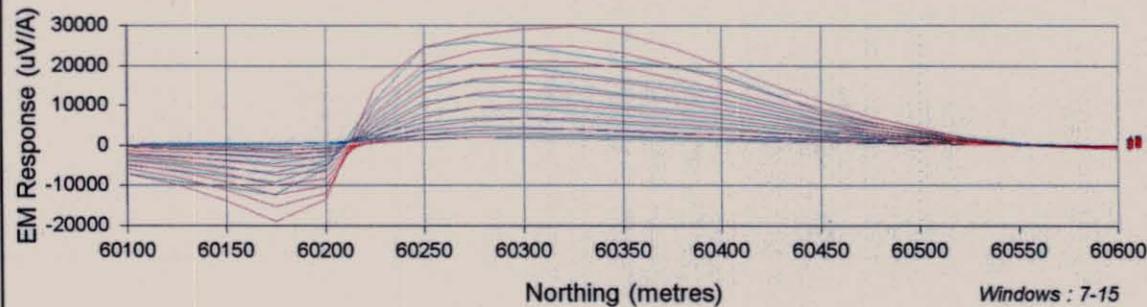
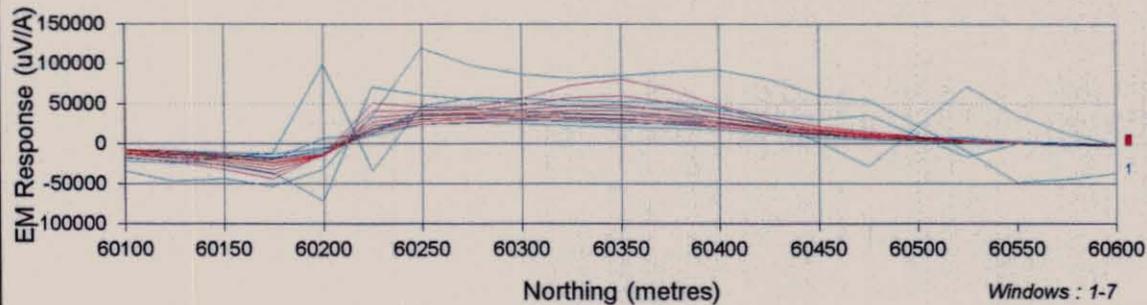
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58400E - Loop 4**

Drawn : ADT

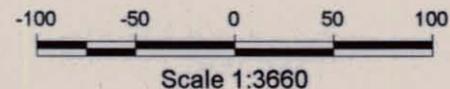
Figure :

505139



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



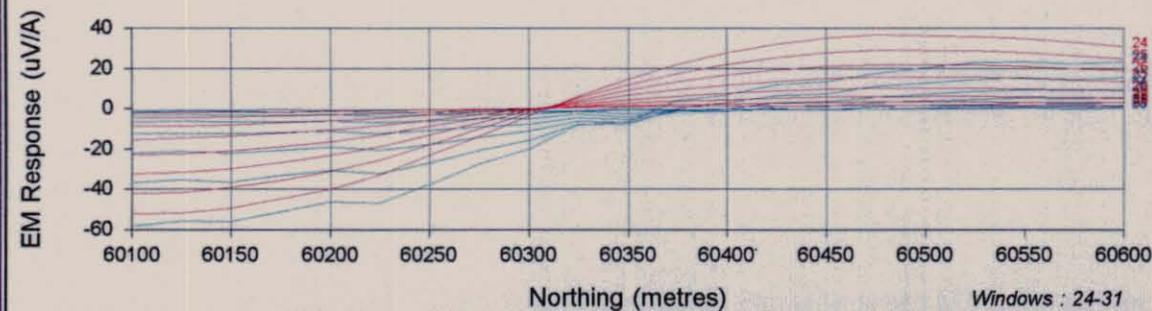
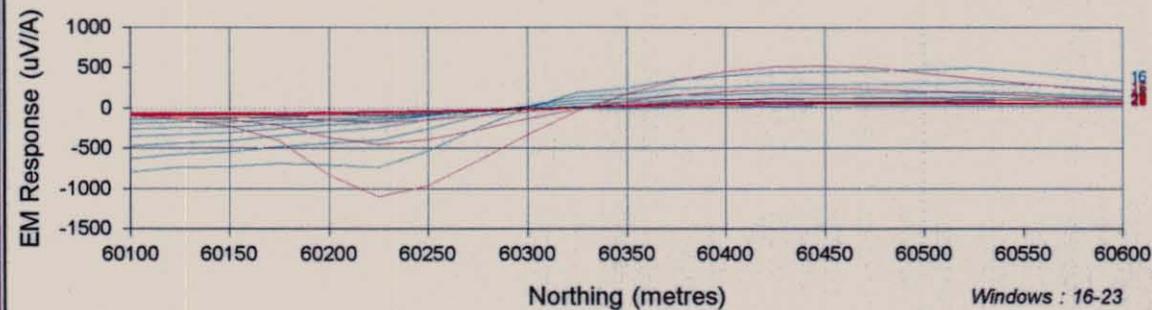
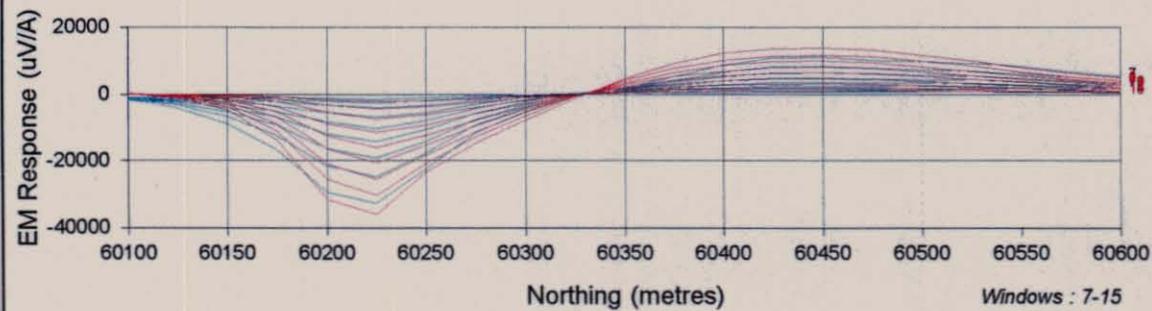
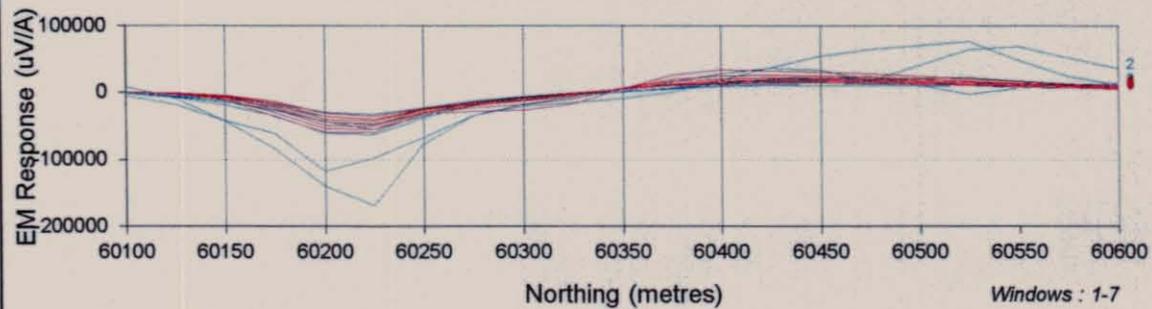
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58500E - Loop 4**

Drawn : ADT

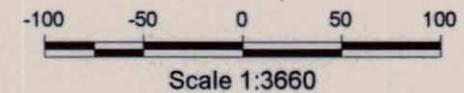
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505140



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



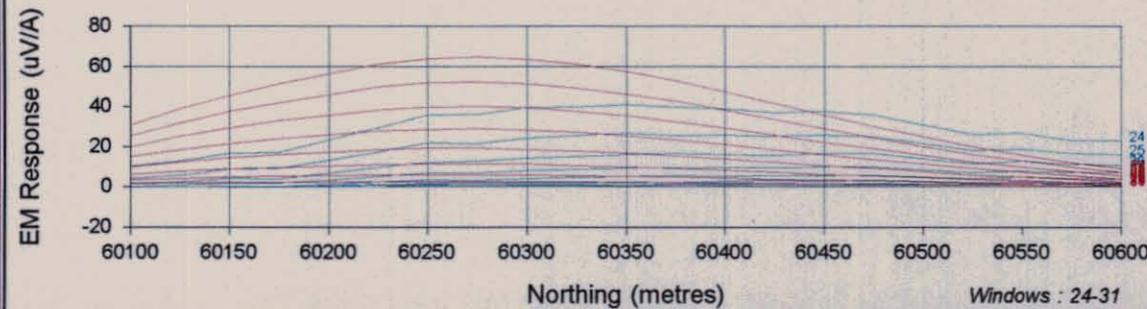
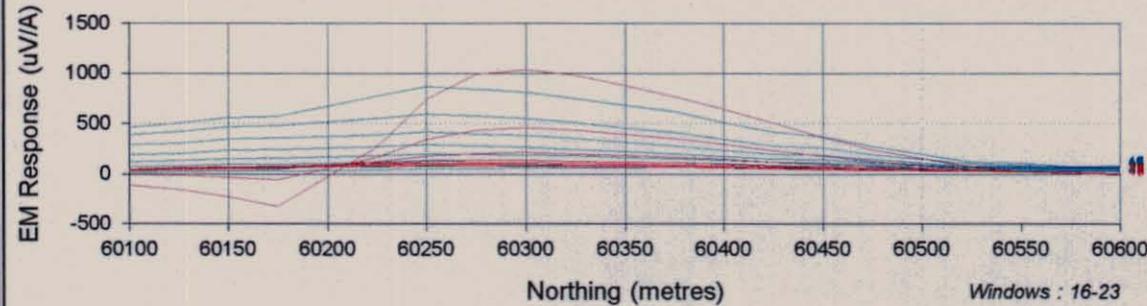
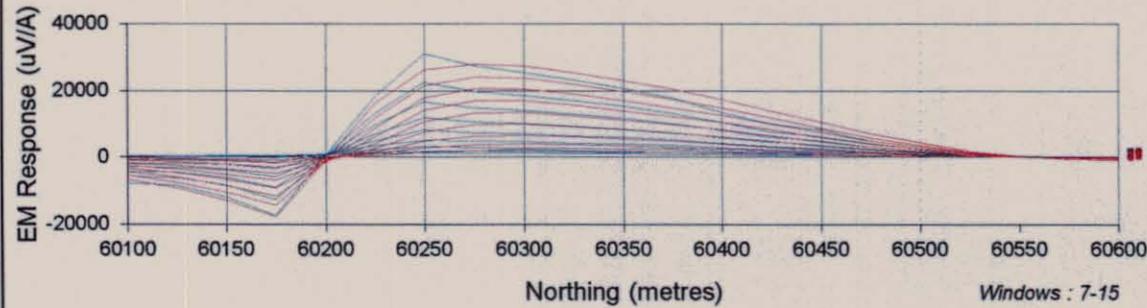
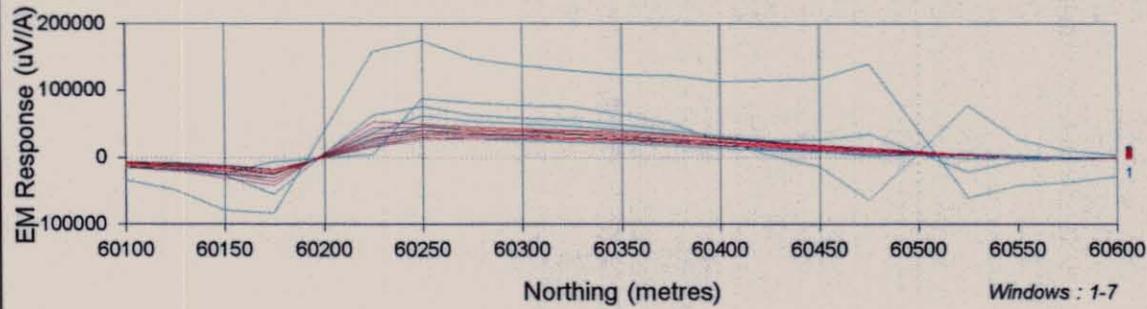
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58500E - Loop 4**

Drawn : ADT

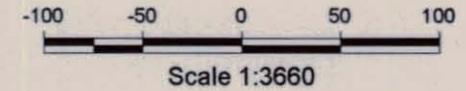
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505141



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



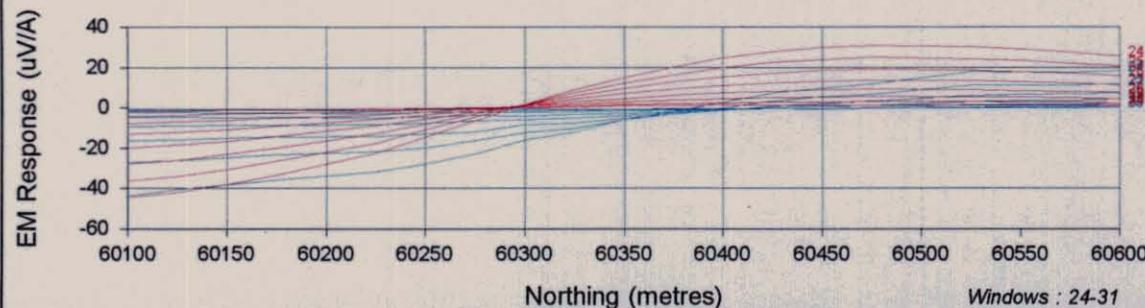
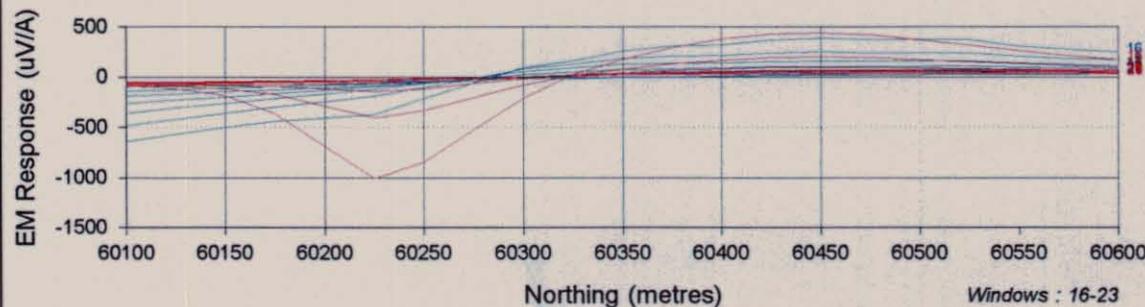
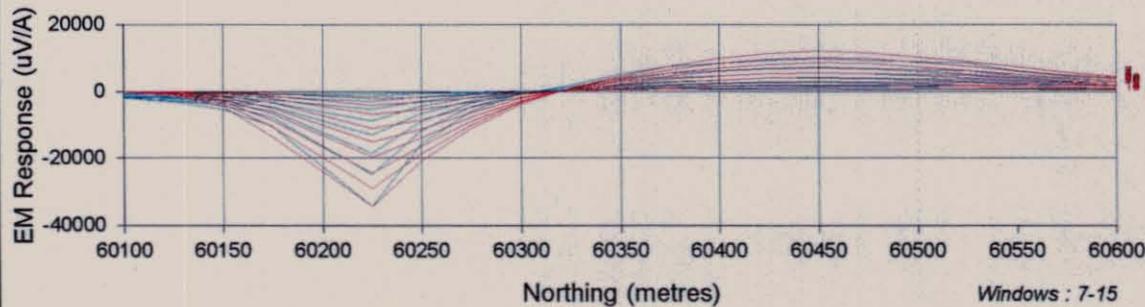
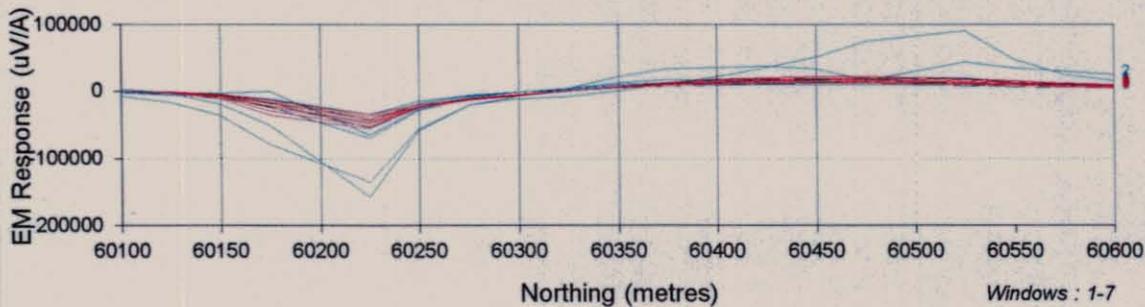
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58600E - Loop 4**

Drawn : ADT

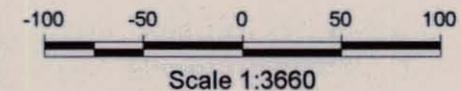
Figure :

505142



SURVEY PARAMETERS

Recorded Response : 
 Model Response : 



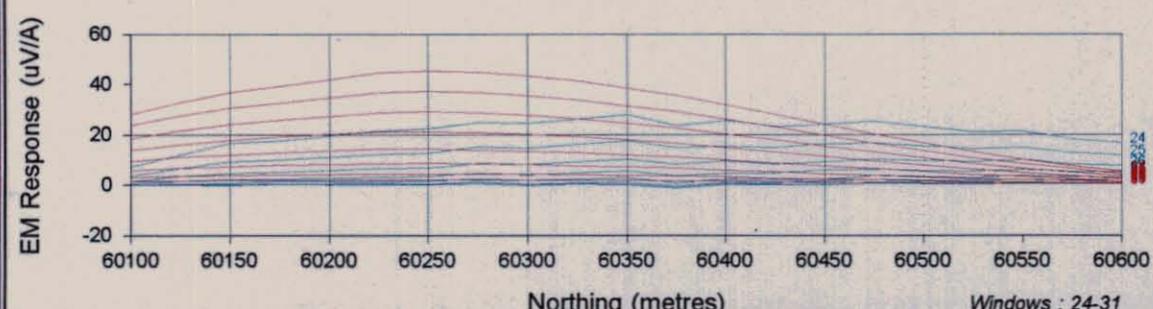
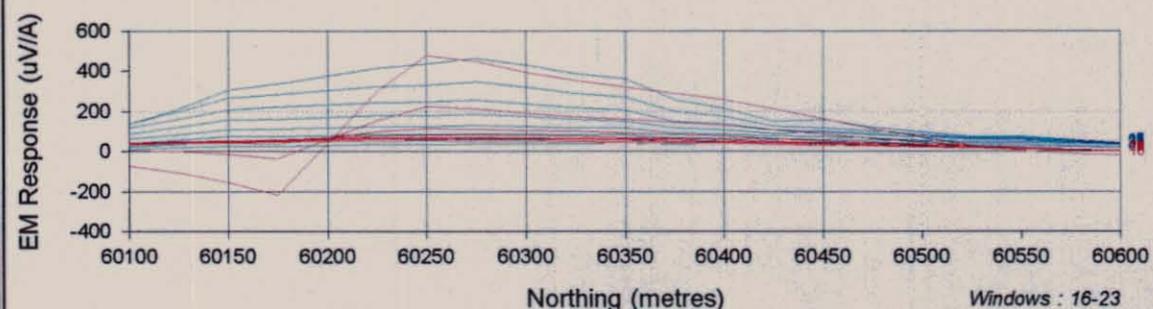
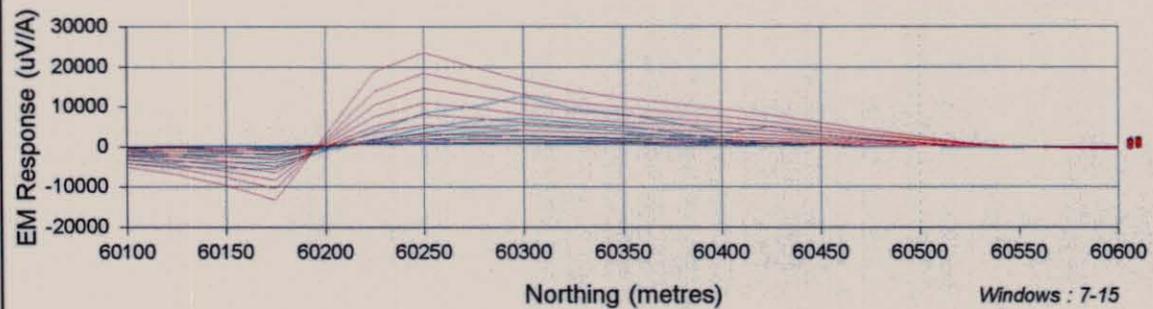
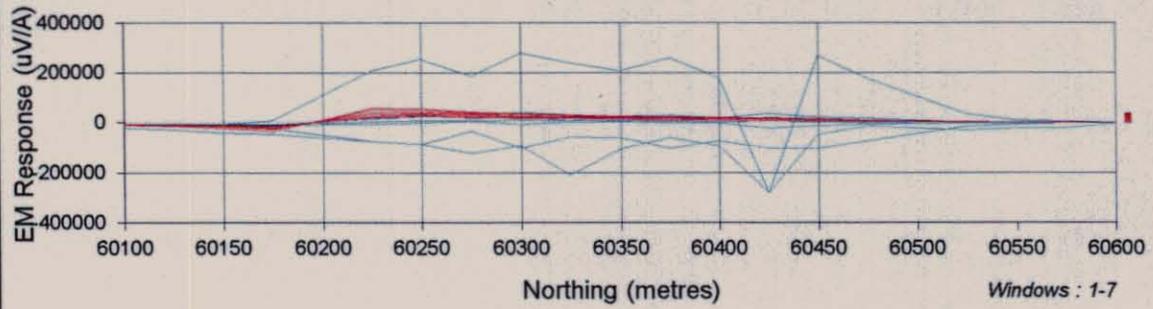
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 X COMPONENT EM RESPONSE
 Line 58600E - Loop 4**

Drawn : ADT

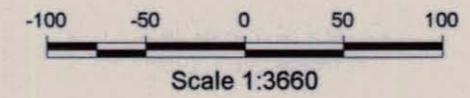
Figure :

505143



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model Response : — (red line)



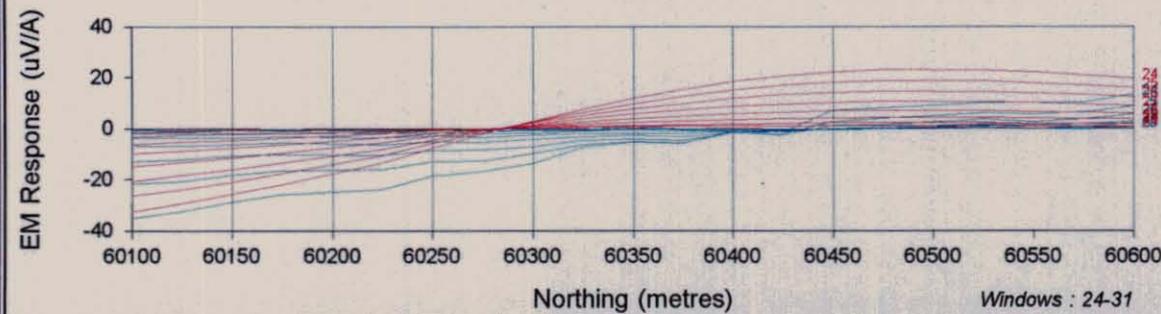
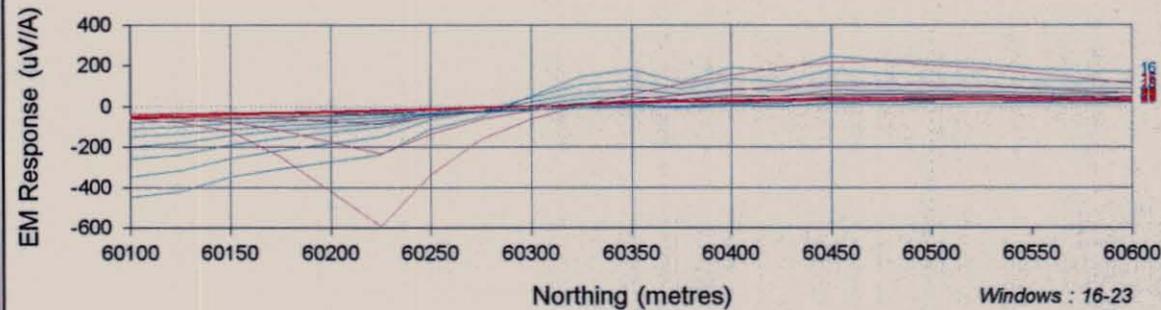
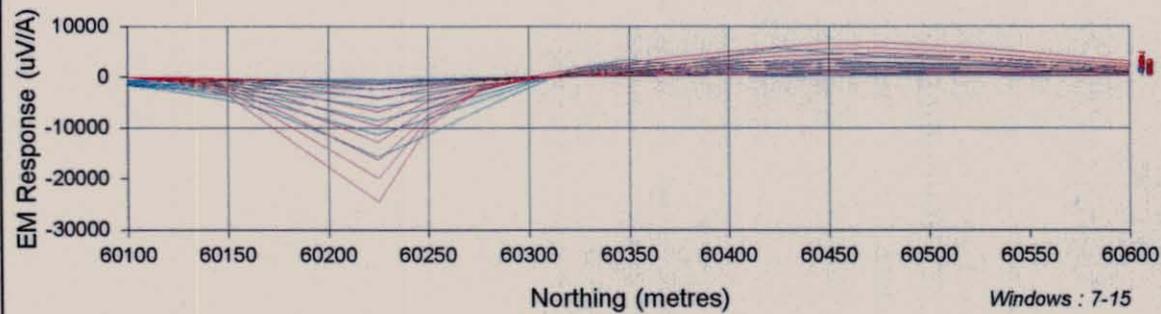
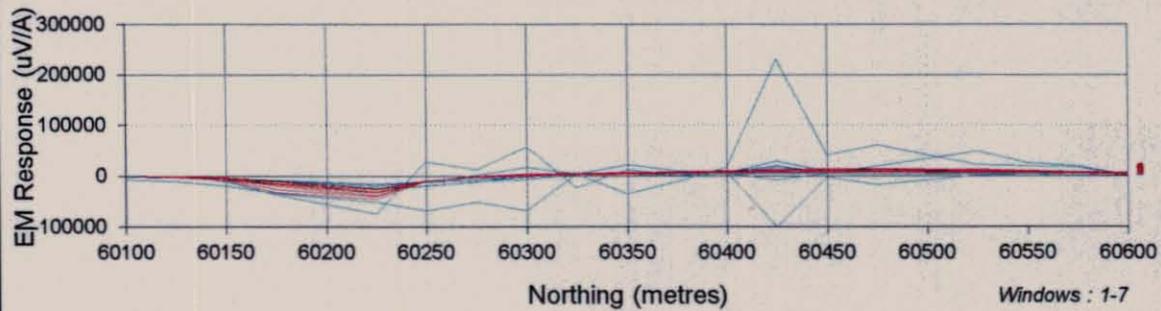
Western Metals Resources

**Comstock Prospect
 Fixed Loop EM Survey
 REAL AND MODELED
 Z COMPONENT EM RESPONSE
 Line 58700E - Loop 4**

Drawn : ADT

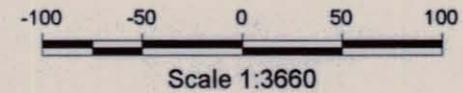
Figure :

50547



SURVEY PARAMETERS

Recorded Reponse : 
Model Response : 



Western Metals Resources

**Comstock Prospect
Fixed Loop EM Survey
REAL AND MODELED
X COMPONENT EM RESPONSE
Line 58700E - Loop 4**

Drawn : ADT

Figure :

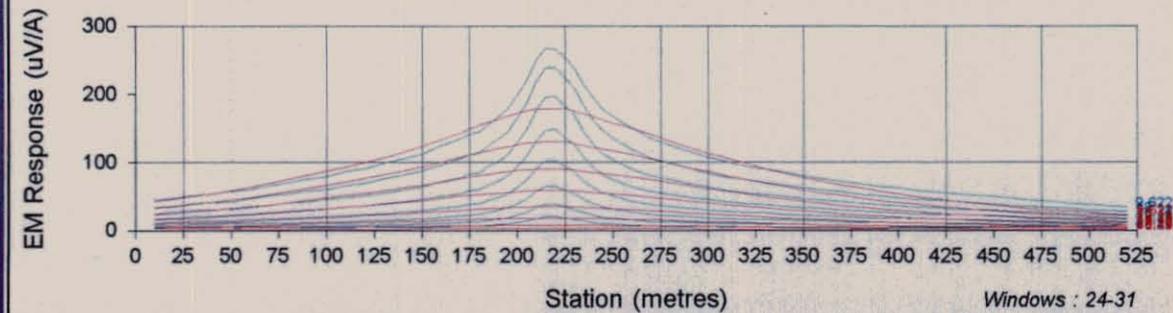
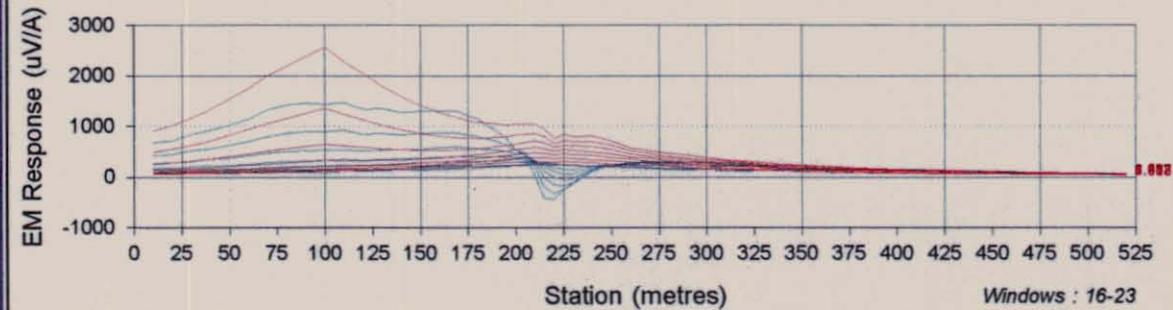
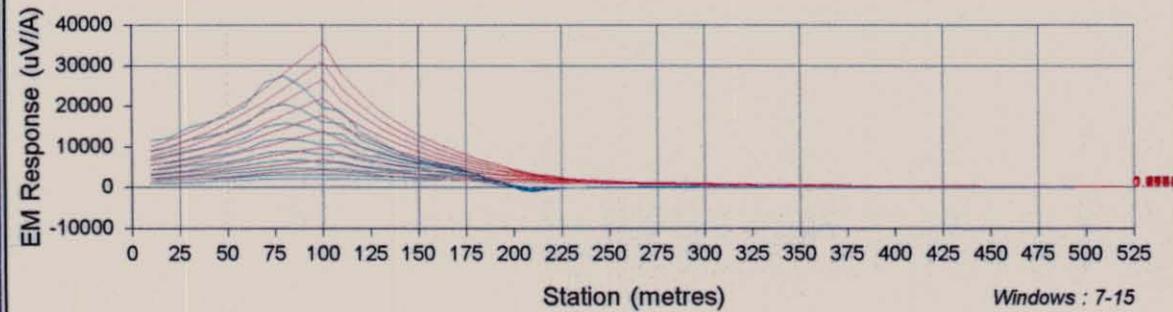
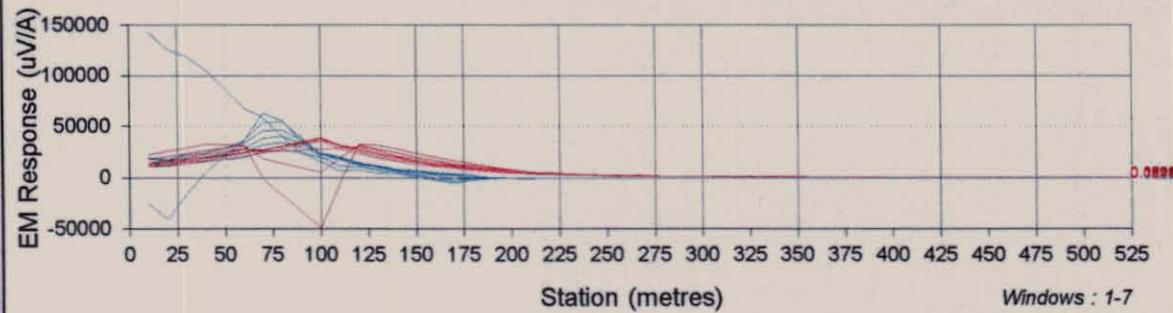
505143

APPENDIX IV

Downhole EM Model Profiles

Comstock Prospect

Axial (Hz) component



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model RResponse : — (red line)

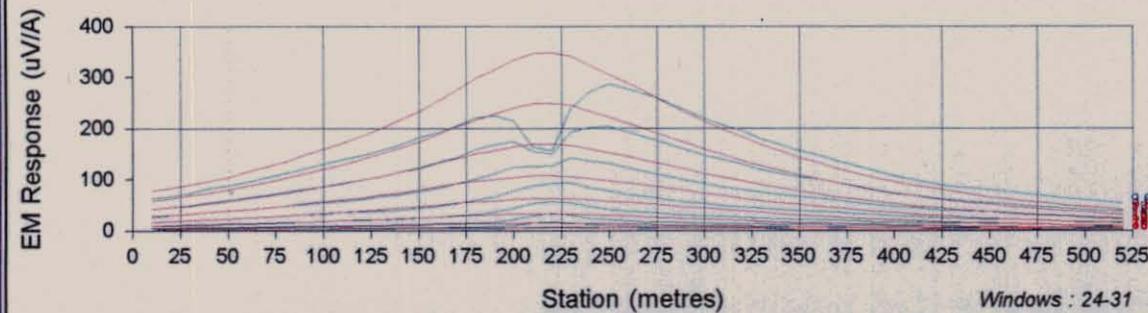
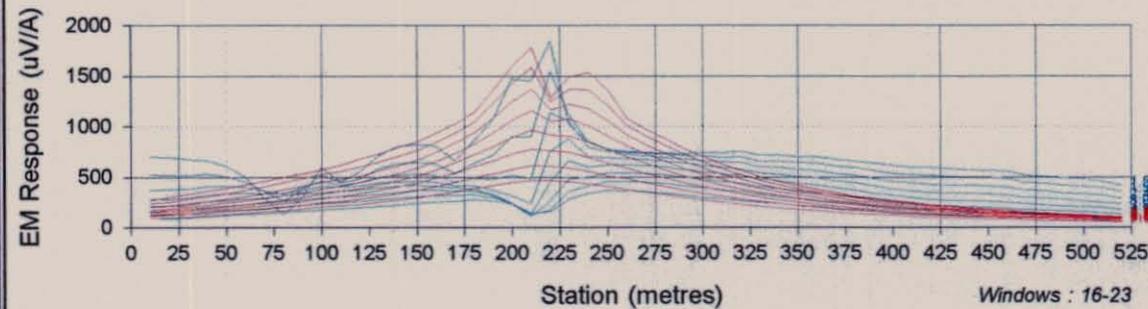
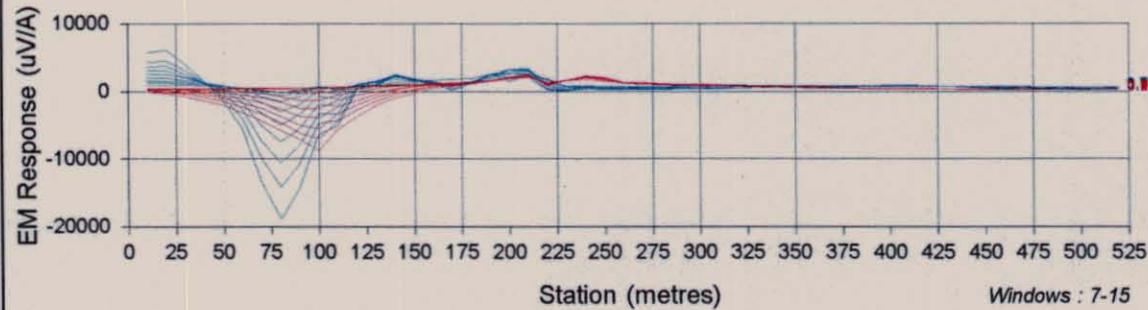
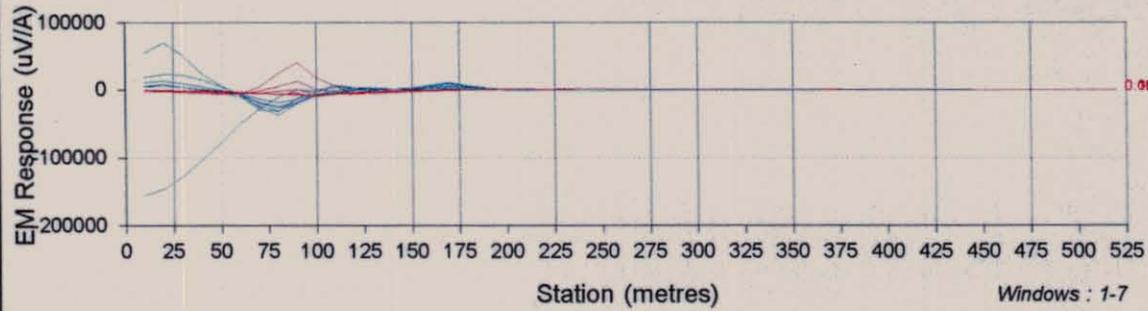
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY017 - Loop 1**

Drawn : ADT

Figure :

505147



SURVEY PARAMETERS

Recorded Reponse : 
 Model REsponse : 

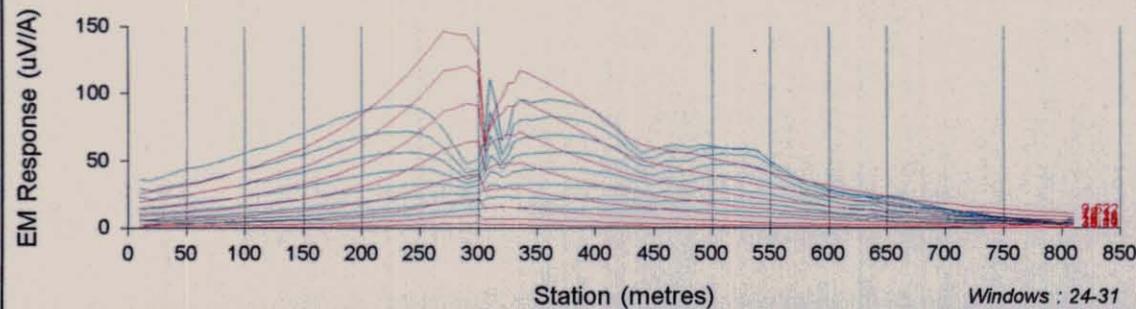
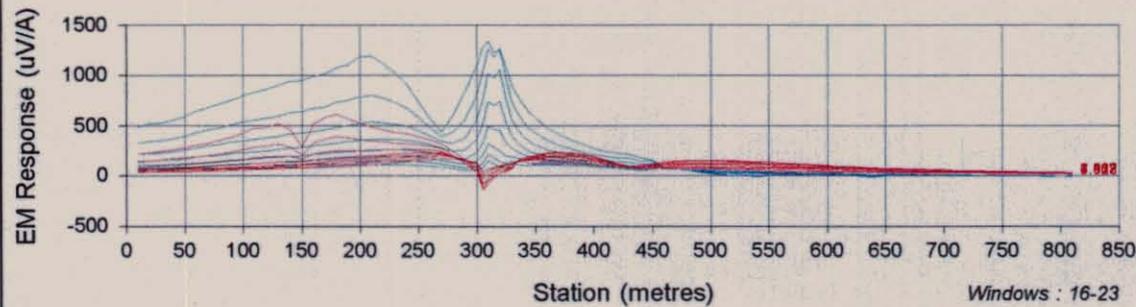
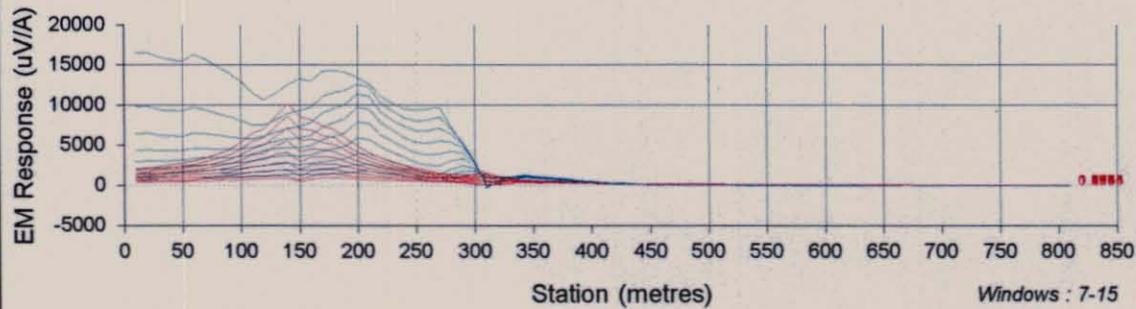
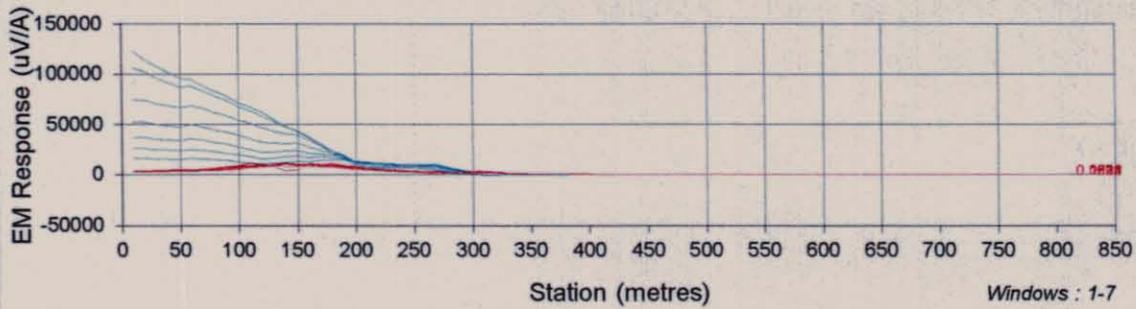
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY017 - Loop 3**

Drawn : ADT

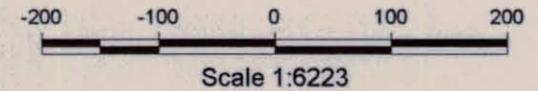
Figure :

505148



SURVEY PARAMETERS

Recorded Response : —
 Model REsponse : —



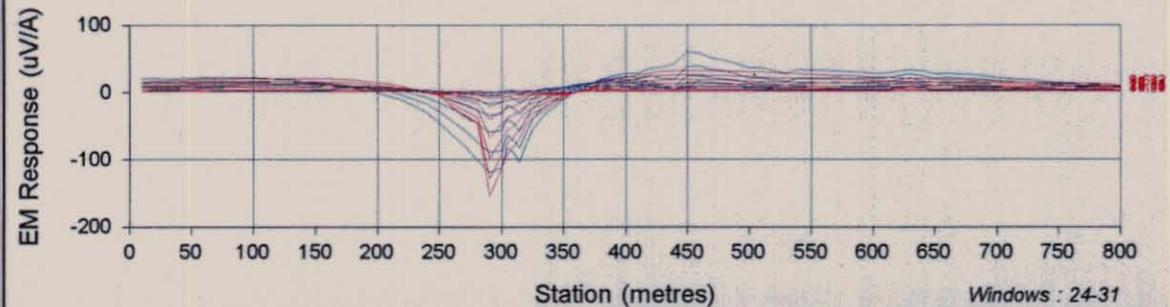
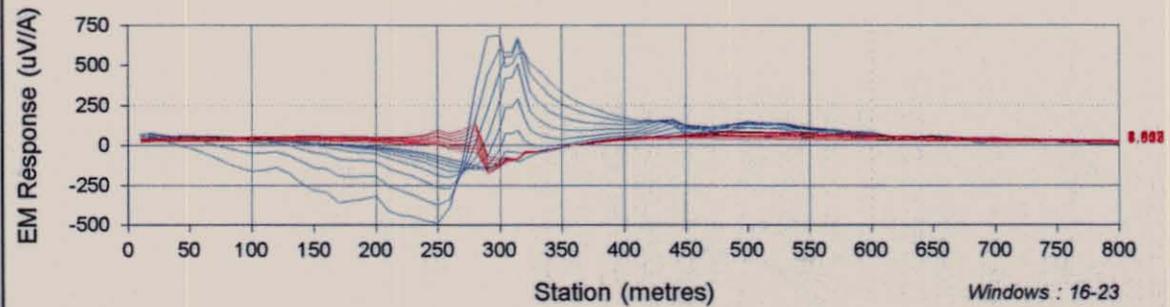
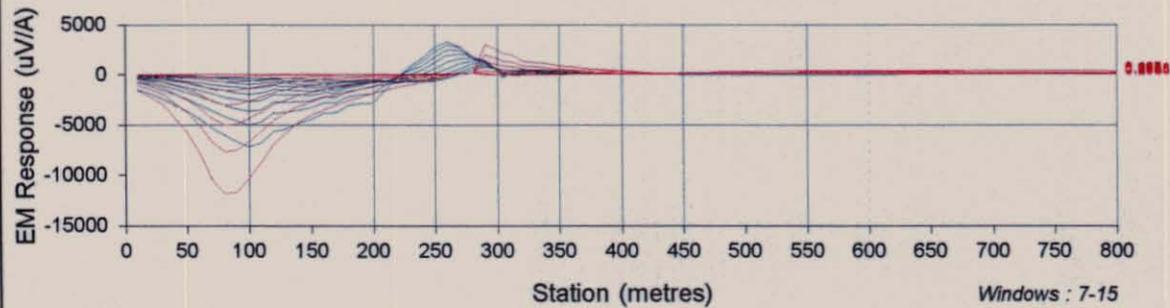
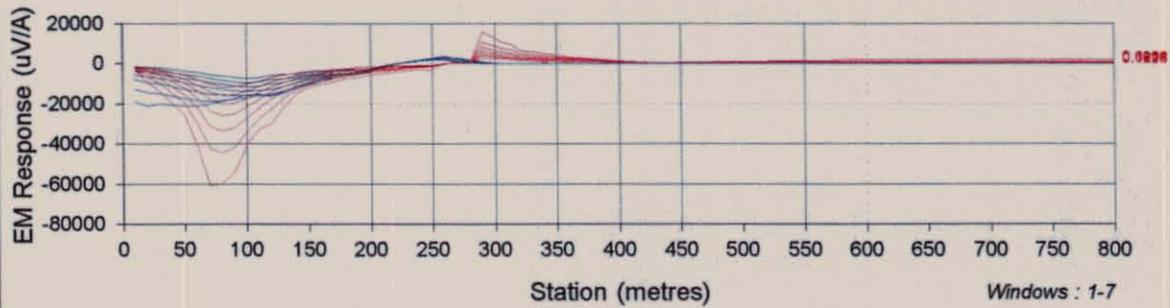
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL and MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY018 - Loop1**

Drawn : ADT

Figure :

505149



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)

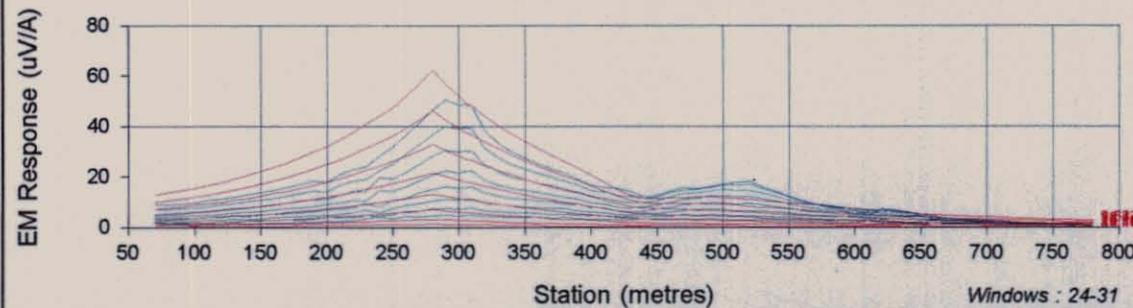
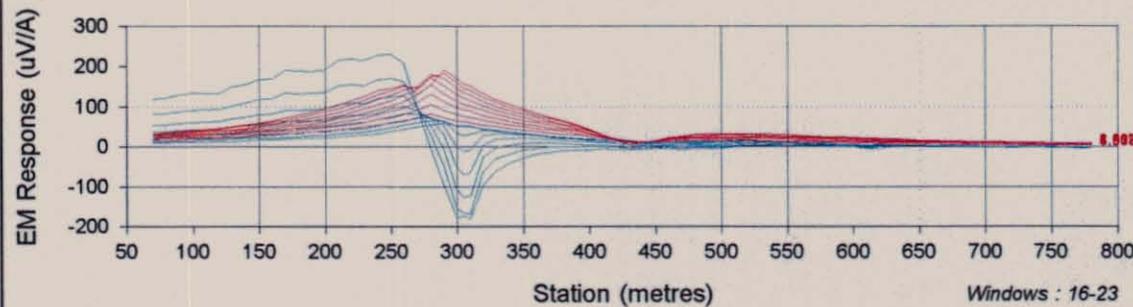
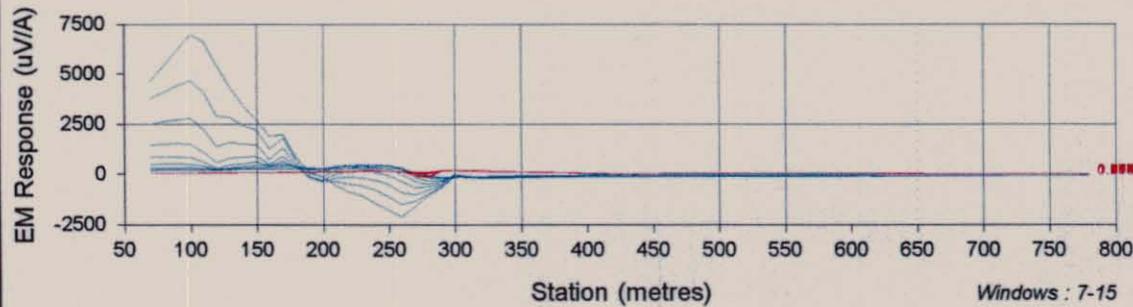
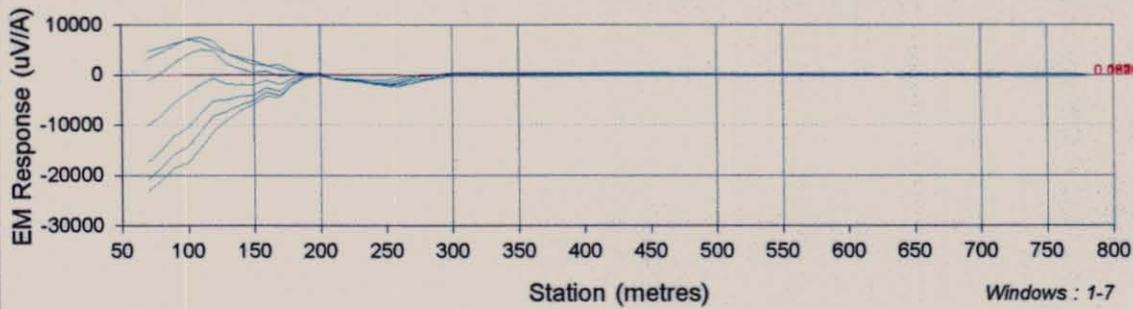
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY018 - Loop 3**

Drawn : ADT

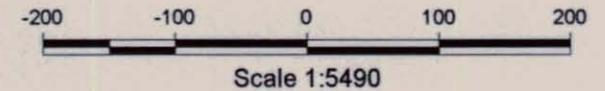
Figure :

202150



SURVEY PARAMETERS

Recorded Response : — (blue line)
 Model Response : — (red line)



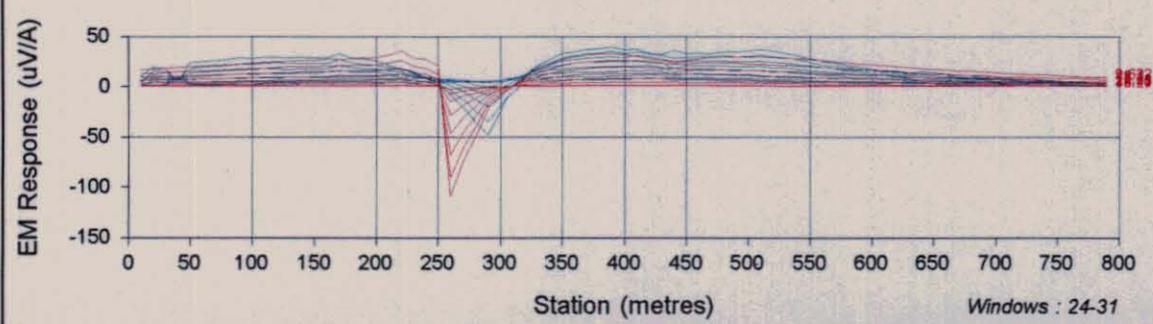
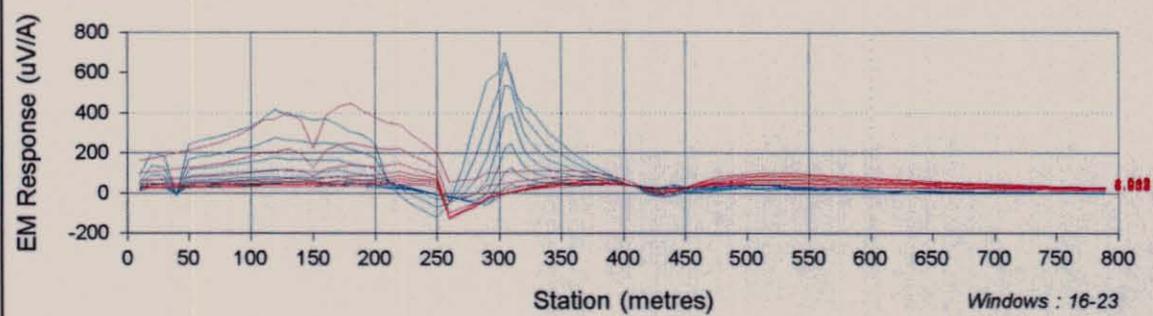
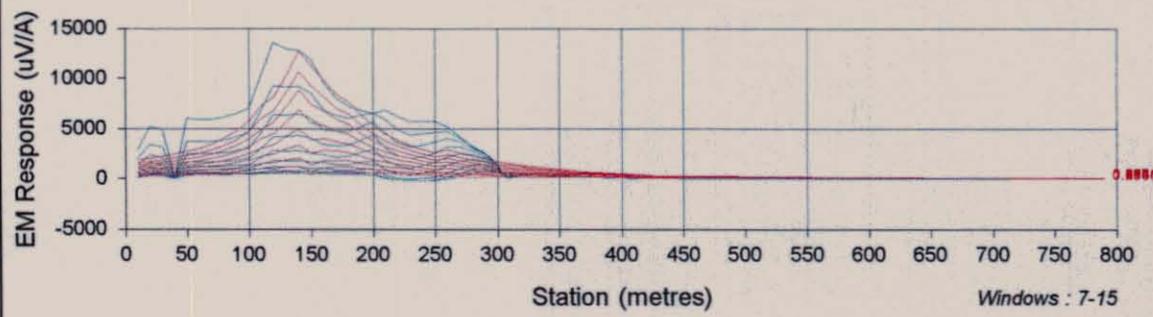
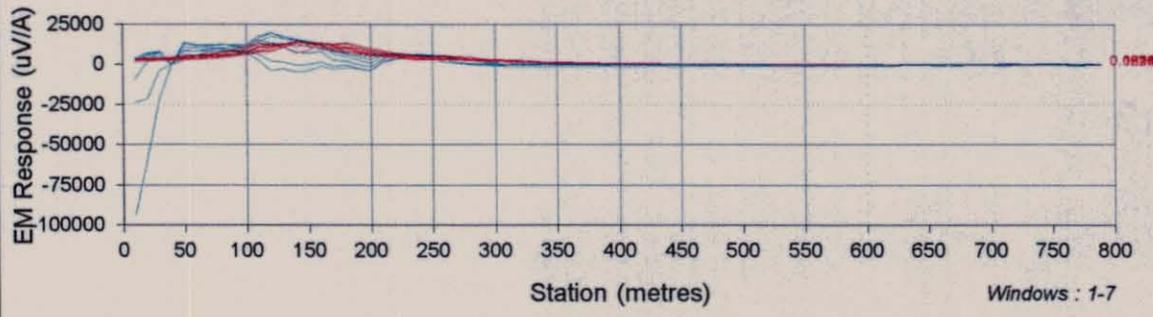
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL and MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY018 - Loop 5**

Drawn : ADT

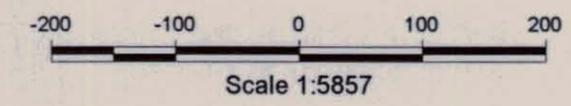
Figure :

505151



SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model RResponse : — (red line)

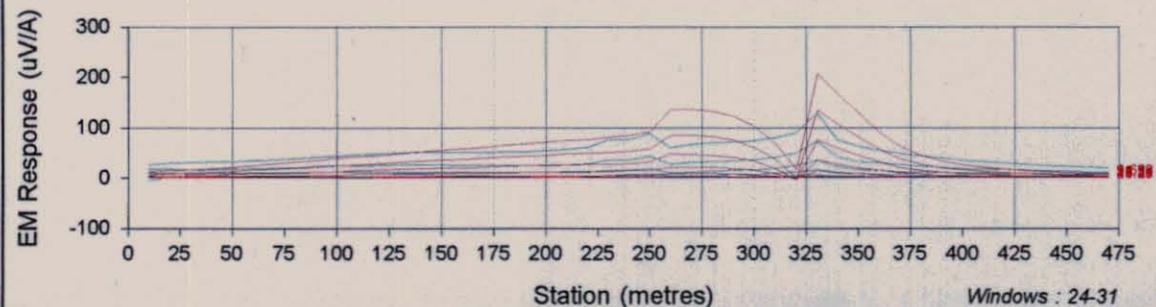
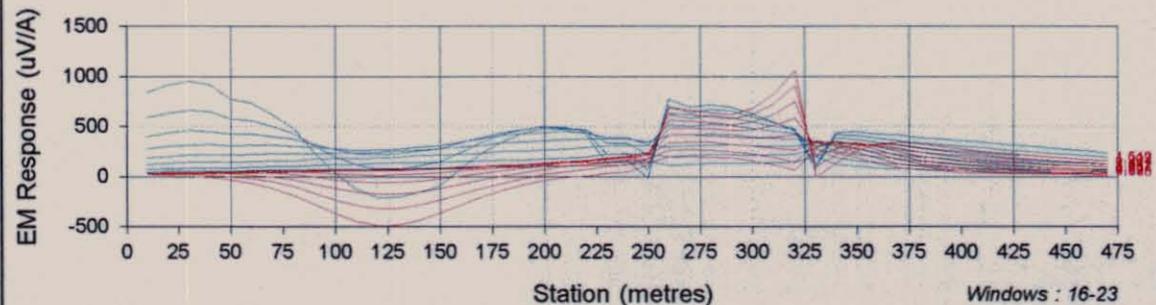
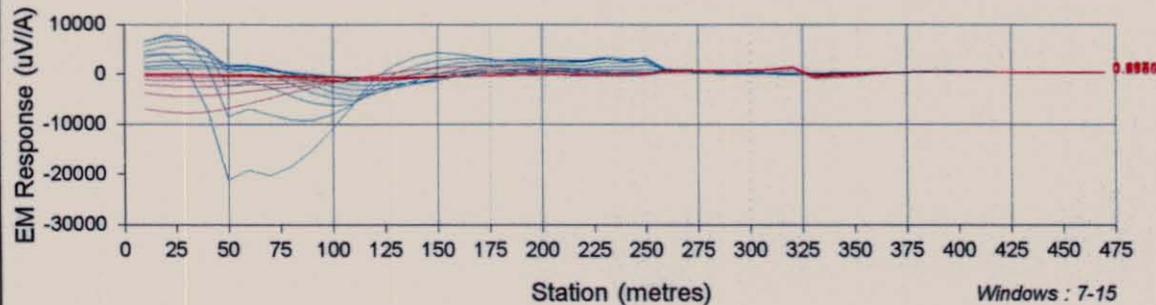
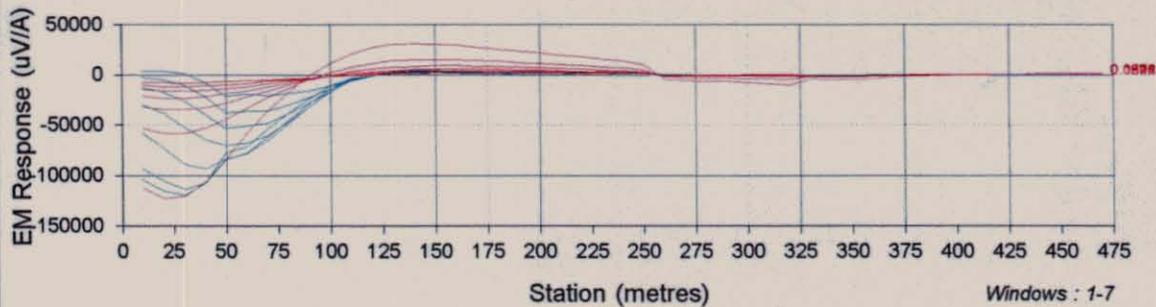


Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY018 - Loop 6**

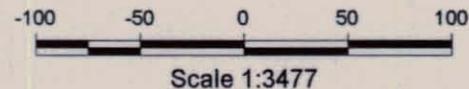
Drawn : ADT
 Figure :

202102



SURVEY PARAMETERS

Recorded Response : — (blue line)
 Model Response : — (red line)

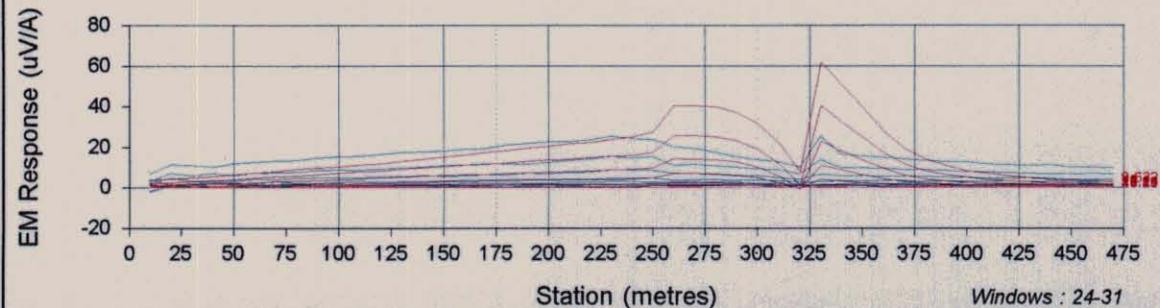
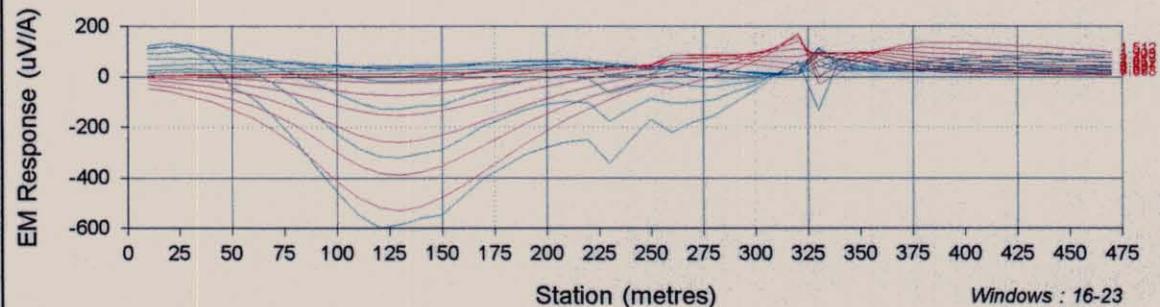
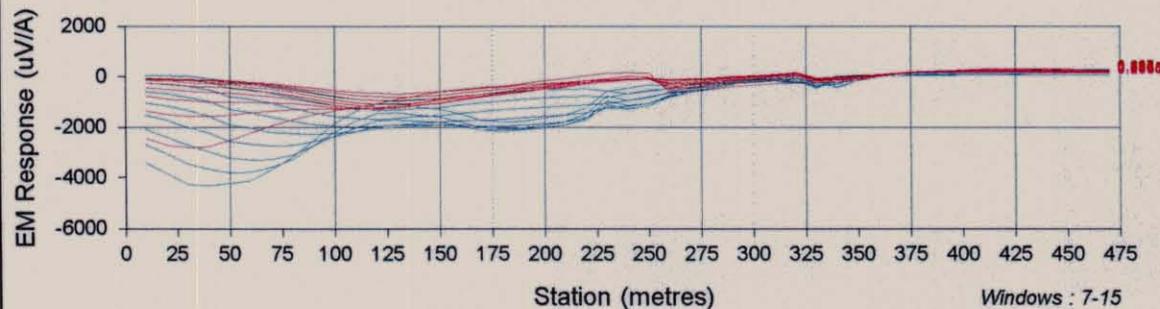
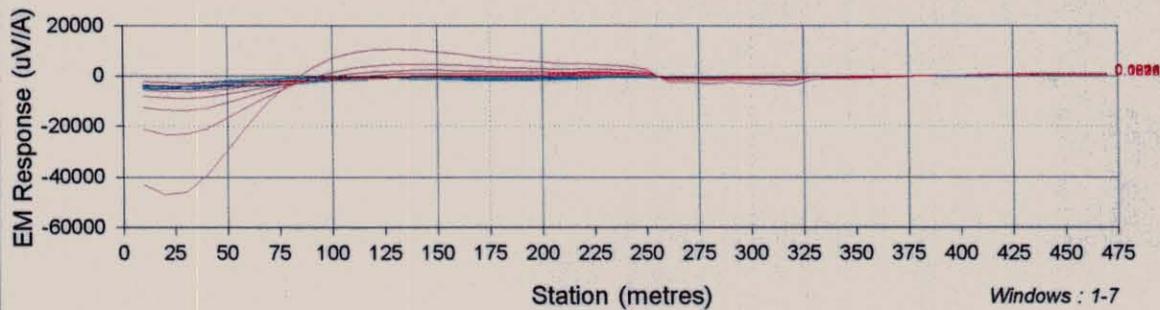


Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY019 - Loop 7 - model 1**

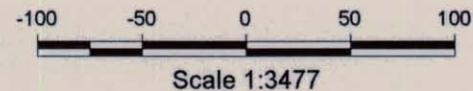
Drawn : ADT

Figure :



SURVEY PARAMETERS

Recorded Response : — (blue line)
 Model Response : — (red line)



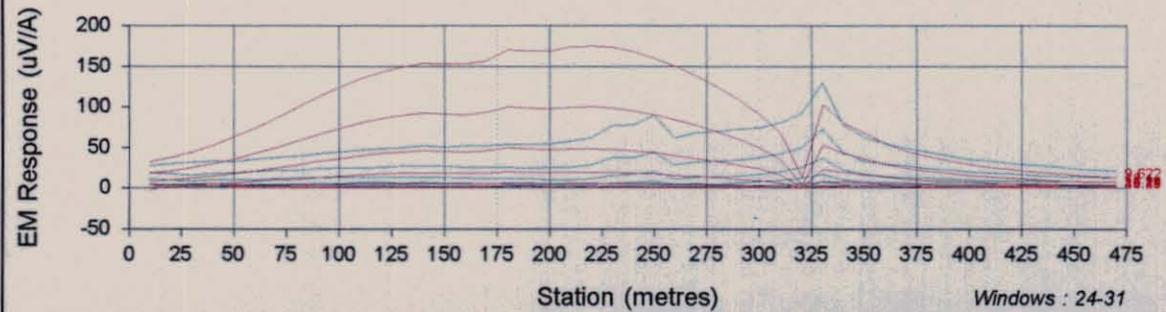
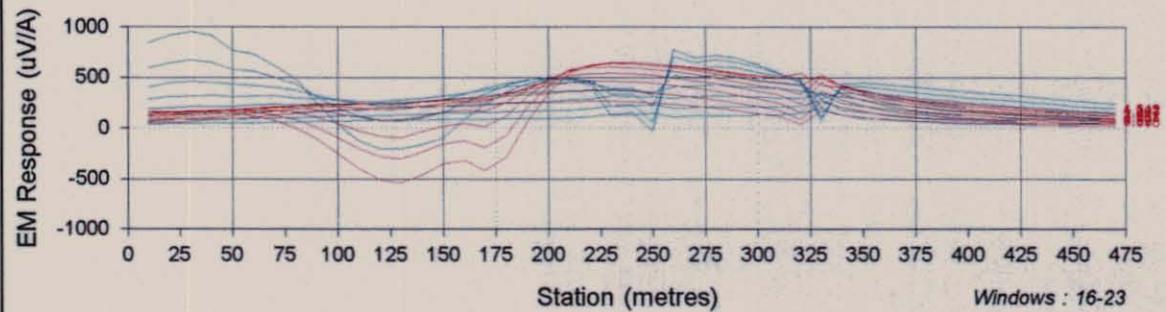
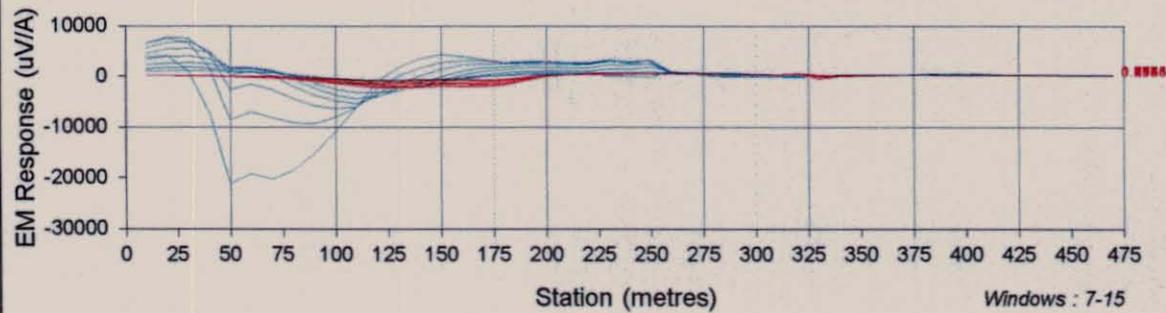
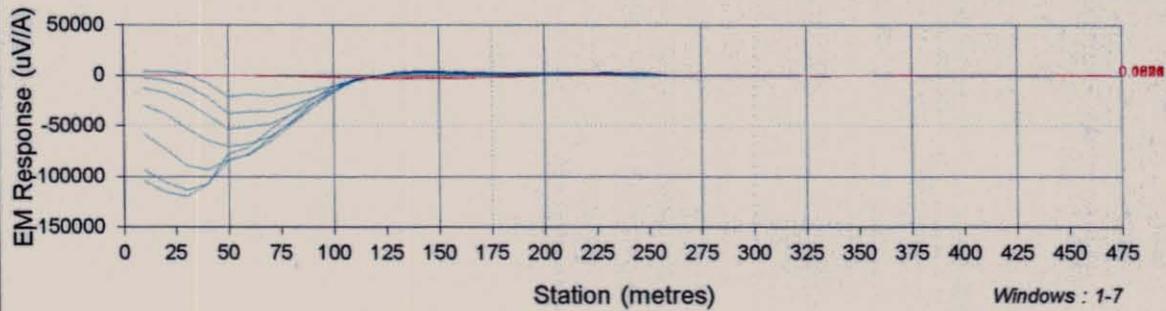
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY019 - Loop 8 - model 1**

Drawn : ADT

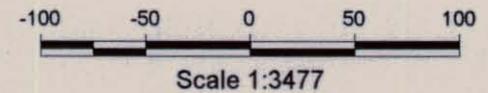
Figure :

505154



SURVEY PARAMETERS

Recorded Response : — (blue line)
 Model REsponse : — (red line)



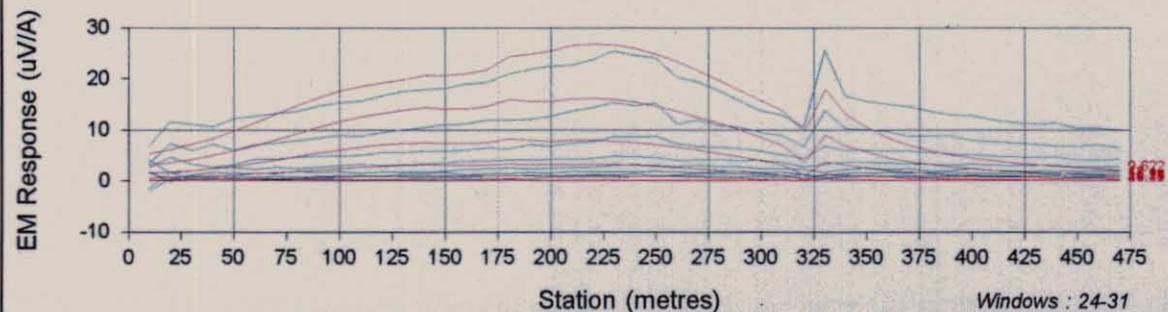
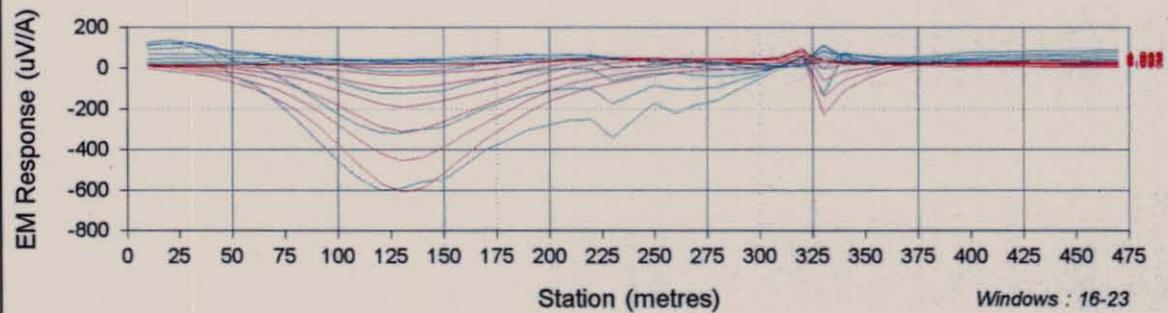
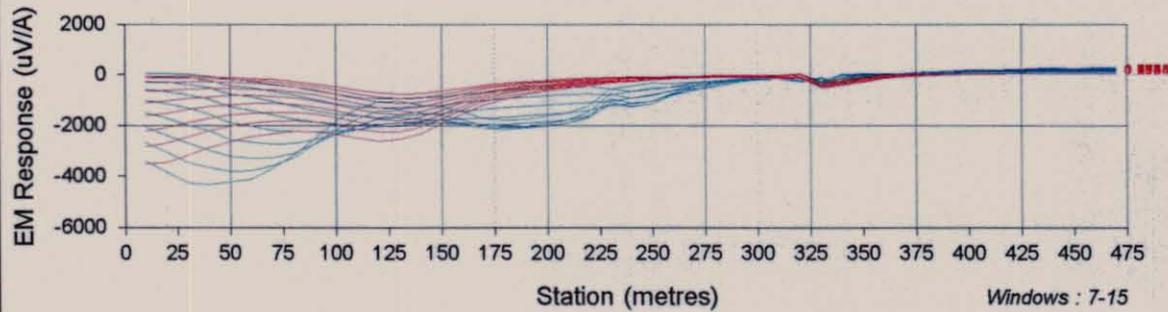
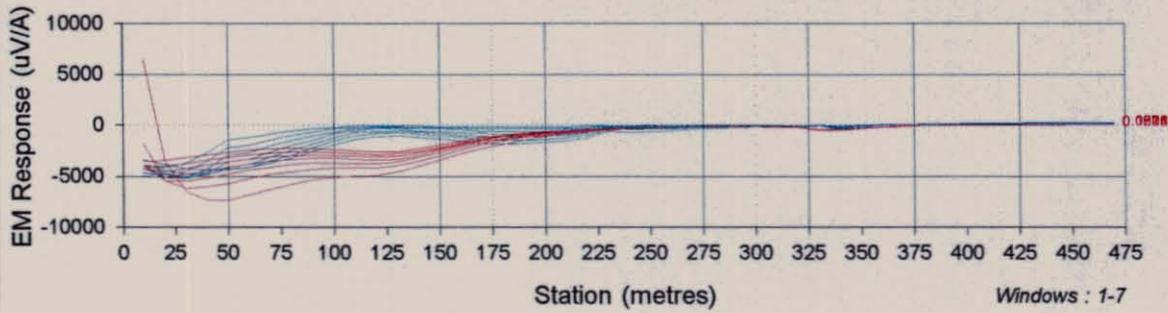
Western Metals Resources

**Comstock Prospect
 Downhole EM Survey
 REAL AND MODELED
 AXIAL COMPONENT EM RESPONSE
 Hole SY019 - loop 7 - model 2**

Drawn : ADT

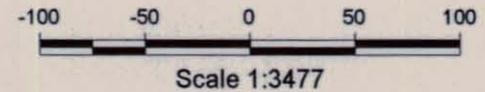
Figure :

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SURVEY PARAMETERS

Recorded Reponse : — (blue line)
 Model REsponse : — (red line)



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Drawn : ADT

Figure :

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