ASSESSMENT REPORT FOR THE KOKANEE CREEK PROJECT

HOME CLAIMS
Nelson Mining Division
Mapsheets 82F055
Center of Work
Latitude 49° 37'50" N, Longitude 117°08'53"W

Prepared for:

EAGLE PLAINS RESOURCES LTD.
Suite 200, 16-11th Ave. S.
Cranbrook, B.C. V1C 2P1

By

Charles C. Downie, P.Geo
716 Summit Place
Cranbrook, BC V1C 5L4

and

Glen Hendrickson, BSc. Geog.
616 Nelson Street
Kimberley, BC V1A 2M6

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SUMMARY

The Kokanee Creek Claims were staked in 1996 after base metal mineralization was found on the Lower Kokanee Creek Road. The property is comprised of 60 units located in the Nelson Mining District. The claims cover two historical mineral showings and are located within 5 km of two past producing mines. The property has seen limited past work directed toward assessing mineral potential. In 1996-1997, a $101,000 exploration program was carried out on the Kokanee Creek Property by Eagle Plains Resources Ltd. and Miner River Resources Ltd. Geological, geochemical and geophysical surveys were used to locate targets for a 445m / 1460 foot diamond drilling program. The results from this exploration program indicate that the claims cover a mineralized roof pendant structure within the Nelson Batholith and further work was recommended.

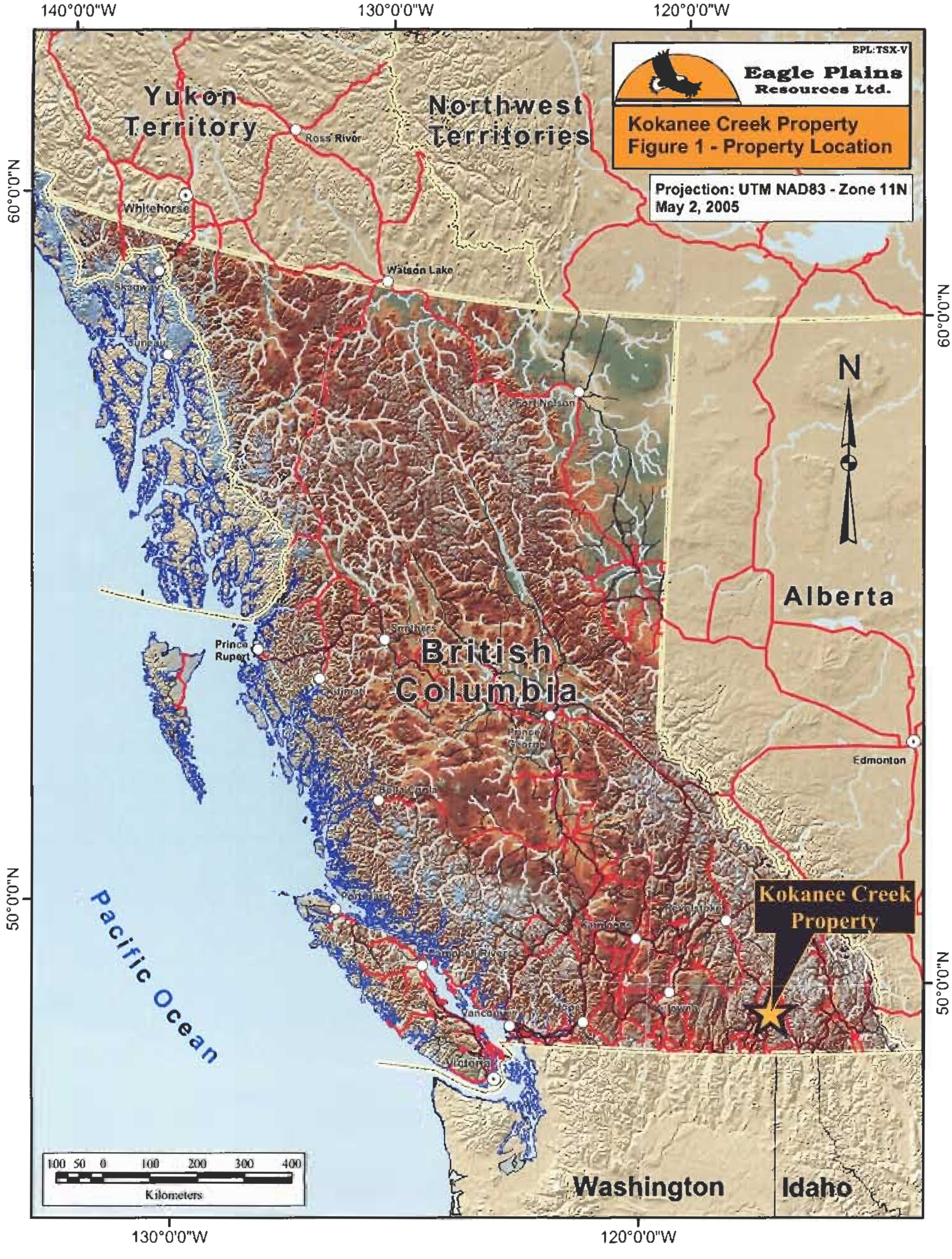
In 2004, Eagle Plains carried out an airborne geophysical survey over the claim area, followed up by a short field program. Based on the results from this work and historical work on the property, further work is recommended.

The total cost of the 2004 work was $26,672.94

LOCATION AND ACCESS (Fig.1)

The Kokanee Creek Property consists of a total of 19 claims (1400 ha) staked in accordance with the Modified Grid and Two-Post Grid Systems. The claims are located approximately 18 km east of Nelson, B.C., and lie within the Nelson Mining Division on NTS mapsheet 082F055. The property is centered at 49° 37'50" N latitude, 117°08'53"W longitude (Figure 1, following page).

The claims cover an area of approximately 600 acres, and are located on the north shore of the West Arm of Kootenay Lake near the convergence of Kokanee Creek and Busk Creek. Elevations range from 680 meters to 1680 meters (2300 to 5500 feet), with vegetation coverage consisting of mature stands of pine and fir, with deciduous birch, poplar and aspen in the wetter areas. Much of the property has been logged. Vehicular access to the lower part of the property area is provided by the Kokanee Glacier - Gibson Lake Road, while the upper part of the property is crossed by the Busk Creek logging access road. The lower road is maintained by the B.C. Forest Service from May to October, with the Department of Highways providing year round maintenance approximately 2 km north of Kokanee Landing and Highway 3A to the intersection of the upper and lower roads. Slopes on the property are generally moderate to steep, with extreme slopes in the immediate area of Kokanee and Busk Creeks. Outcrop exposure is good along the upper and lower road cuts, but is in some areas inaccessible due to rugged terrain. The property sees moderate precipitation, and is accessible year round using 4 wheel drive vehicles with snow clearing as required.

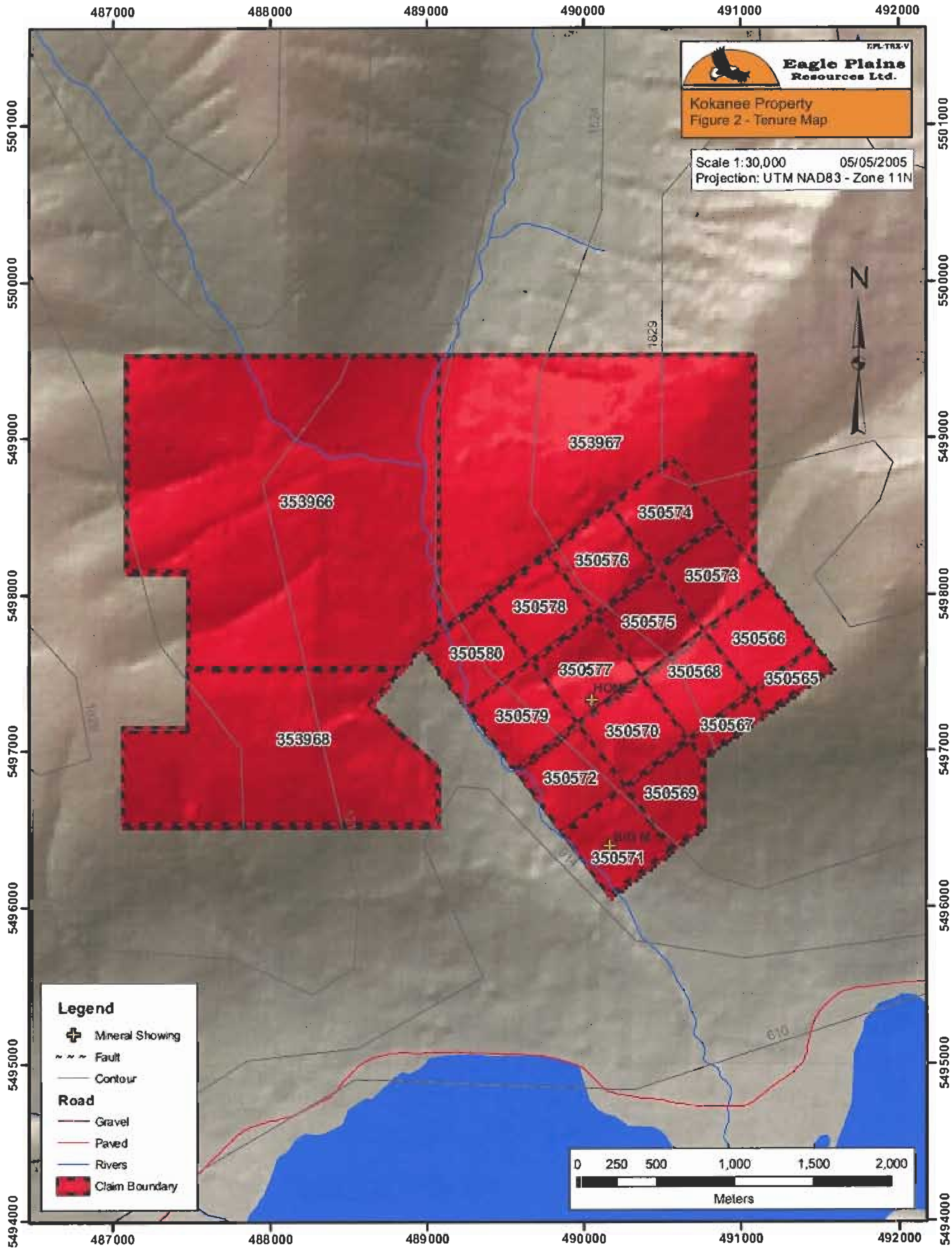


140°0'0"W
130°0'0"W
120°0'0"W
60°0'0"N
50°0'0"N
EPL:TSX-V
Eagle Plains
Resources Ltd.
Kokanee Creek Property
Figure 1 - Property Location
Projection: UTM NAD83 - Zone 11N
May 2, 2005
Yukon
Territory
Northwest
Territories
Ross River
Whitehorse
Watson Lake
Fort Nelson
N
Alberta
Smithers
Prince
Rupert
British
Columbia
Prince
George
Edmonton
Bella Coola
Pacific Ocean
Kokanee Creek
Property
Revelstoke
Kamloops
Campbell River
Kelowna
Vancouver
Victoria
100 50 0 100 200 300 400
Kilometers
Washington
Idaho

TENURE (Fig. 2)

The property consists of 19 claims (1400 ha) located on mapsheet 82F055 approximately 18 kilometers east of Nelson, B.C. The claims are owned 100% by Eagle Plains Resources Ltd. and carry an underlying 1% NSR.

Tenure Number	Claim Name	Map Number	Good To Date	Mining Division	Area(ha)
350565	HOME 1	082F065	2007/FEB/12	NELSON	25
350566	HOME 2	082F065	2007/FEB/12	NELSON	25
350567	HOME 3	082F065	2007/FEB/12	NELSON	25
350568	HOME 4	082F065	2007/FEB/12	NELSON	25
350569	HOME 5	082F065	2007/FEB/12	NELSON	25
350570	HOME 6	082F065	2007/FEB/12	NELSON	25
350571	HOME 7	082F065	2007/FEB/12	NELSON	25
350572	HOME 8	082F065	2007/FEB/12	NELSON	25
350573	HOME 9	082F065	2007/FEB/12	NELSON	25
350574	HOME 10	082F065	2007/FEB/12	NELSON	25
350575	HOME 11	082F065	2007/FEB/12	NELSON	25
350576	HOME 12	082F065	2007/FEB/12	NELSON	25
350577	HOME 13	082F065	2007/FEB/12	NELSON	25
350578	HOME 14	082F065	2007/FEB/12	NELSON	25
350579	HOME 15	082F065	2007/FEB/12	NELSON	25
350580	HOME 16	082F065	2007/FEB/12	NELSON	25
353966	HOME 21	082F065	2007/FEB/12	NELSON	400
353967	HOME 22	082F065	2007/FEB/12	NELSON	400
353968	HOME 23	082F065	2007/FEB/12	NELSON	200
				TOTAL:	1400



Eagle Plains Resources Ltd.
Kokanee Property
Figure 2 - Tenure Map
Scale 1:30,000 05/05/2005
Projection: UTM NAD83 - Zone 11N
N
353966
353967
353968
350574
350576
350573
350578
350575
350566
350580
350577
350568
350565
350579
350570
350567
350572
350569
350571
HOME
1829
610
Legend
Mineral Showing
Fault
Contour
Road
Gravel
Paved
Rivers
Claim Boundary
0 250 500 1,000 1,500 2,000
Meters
487000
488000
489000
490000
491000
492000
5494000
5495000
5496000
5497000
5498000
5499000
5500000
5501000

HISTORY AND PREVIOUS WORK

The Nelson area has long been known as a mineral resource-rich area, with numerous mineral showings and mines documented over the years. The Blue Bell Mine, located near the town of Riondel approximately 20 km NE of the Kokanee Creek Claims, is a manteau-type base metal deposit hosted by the Badshot limestones of the Lardeau Group. The Blue Bell produced 4.8 million metric tons of ore grading 37 gm/T Ag, 6% Pb, 5% Zn over a 75 year period. Closer to the Kokanee Claims are historical past producers the Molly Gibson and the Alpine (Figure 3). The Alpine is located 4 km north-west of the Kokanee Creek Property on Sitcum Creek. 15551 tons were produced from a 1.1 m wide quartz vein-quartz shear within a sericitized monzonite. The ore averaged 22.9 gm/T Au and 14.2 gm/T Ag. The Molly Gibson Mine is located 5 km north of the Kokanee Creek Claims near Gibson Lake. The mine produced 55, 860 tons of bonanza grade silver ore (average grade 556gm/T Ag) from two northwest striking quartz breccia veins. The veins are hosted by alkaline granite porphyry and contain galena, sphalerite, arsenopyrite and chalcopyrite in a gangue of brecciated manganese rock, siderite and quartz. This northwest trending structure also hosts the Slocan Chief(MINFILE 082FNW119) and Smuggler(MINFILE 082FNW120) mineral showings.

Within the claims proper, two historical MINFILE showings have been documented. The Kok (HOME) showings (082FNW210, 082FNW211; Fig.3) are the site of pyrite, pyrrhotite, sphalerite, galena and minor chalcopyrite associated with quartz veins and fractures within an assemblage of schists, calc-silicate gneisses and acidic granites.

Documentation of past work on the Kokanee Creek Project area is limited. It is believed that a small adit or tunnel has been driven above Kokanee Creek, possibly in the area of the Home 8 and 13 Claims (Eric Denny; pers.com. 1997). The adit has not yet been located in the field due to topographical and snowcover constraints. Fyles (1967, B.C. Minister of Mines, Annual Report) mentions an induced polarization survey which outlined an extension of the lower Kok showing, but no specific documentation regarding this work was located by research. The only documented work program is found in Assessment Report #08725 which covers a mag survey on the Big "M" claim group in an area covered by the current HOME 6,8,13,15 claims. A ground Mag survey run by Pearson Gallagher Ltd. in 1980 located a 250m SW-NE trending Mag anomaly. Further geophysical detail work was recommended to locate possible drill targets; it is not known if this follow-up was completed. It is believed that the target was skarn type mineralization.

In 1996-1997, Eagle Plains Resources and Miner River Resources carried out a $101,000 exploration program on the Kokanee Creek Property. Geological, geochemical and geophysical surveys were used to locate targets for a 445m / 1460 foot diamond drilling program. Soil and silt geochemistry indicated the presence of anomalous base and precious metal geochemical values associated with shists and calc-silicate gneisses. This was followed up by chip / panel sampling of exposures along Upper Busk Creek and Lower Kokanee Creek Road, which returned anomalous Au, Ag, Cu, Pb and Zn values associated with silicified schist and paragneiss. S.J. Geophysics carried out 3.5 km of Horizontal Loop Electro-magnetic (HLEM) survey using a Max-Min 1-10. The survey identified three possible trends across the five lines surveyed.

The diamond drilling program successfully tested the geochemical and geophysical anomalies with results including 1.4m at 13.5 g/t Au and 0.7m at 26.11 gm/T Au in DDH K97-02, which tested a coincident soil and panel geochemical anomaly.

The results from this exploration program indicated that the claims cover a mineralized roof pendant structure within the Nelson Batholith and further work on the project was recommended (Downie, 1997)

REGIONAL GEOLOGY (Fig 3)

The Nelson area, including the area of the Kokanee Creek Claims, has been mapped by a number of workers, with the most recent work by H.W. Little(1991, Open File 1195 Nelson West Half Map area), an update of his earlier 1960 GSC Memoir 308. Little's 1:10000 scale mapping indicates that the regional geology in the area of the Kokanee Creek Claims consists of volcanic and sedimentary rocks ranging in age from Windermere(late Precambrian) to the Cretaceous. These units have been intruded by two phases of generally acidic plutonic rock. The older, more abundant rocks are granites of the Jurassic - Cretaceous Nelson and Valhalla intrusive events which are thought to be metasomatic in origin with local magmatic injection. A younger, Tertiary pluton consists of generally more alkaline rocks with a mainly magmatic origin.(Little 1964) These intrusive events have resulted in a number of roof pendants of volcanic and sedimentary rocks.

Metamorphism

Regional metamorphism in the property area is thought to be lower to middle greenschist facies with associated chlorite, epidote, biotite hornfels and minor amphibole (actinolite). Contact metamorphism related to Nelson and later intrusives has been identified in both volcanics and sediments. Local skarn type mineral assemblages and paragneiss have been identified within the Nelson map area.

Sedimentary rocks

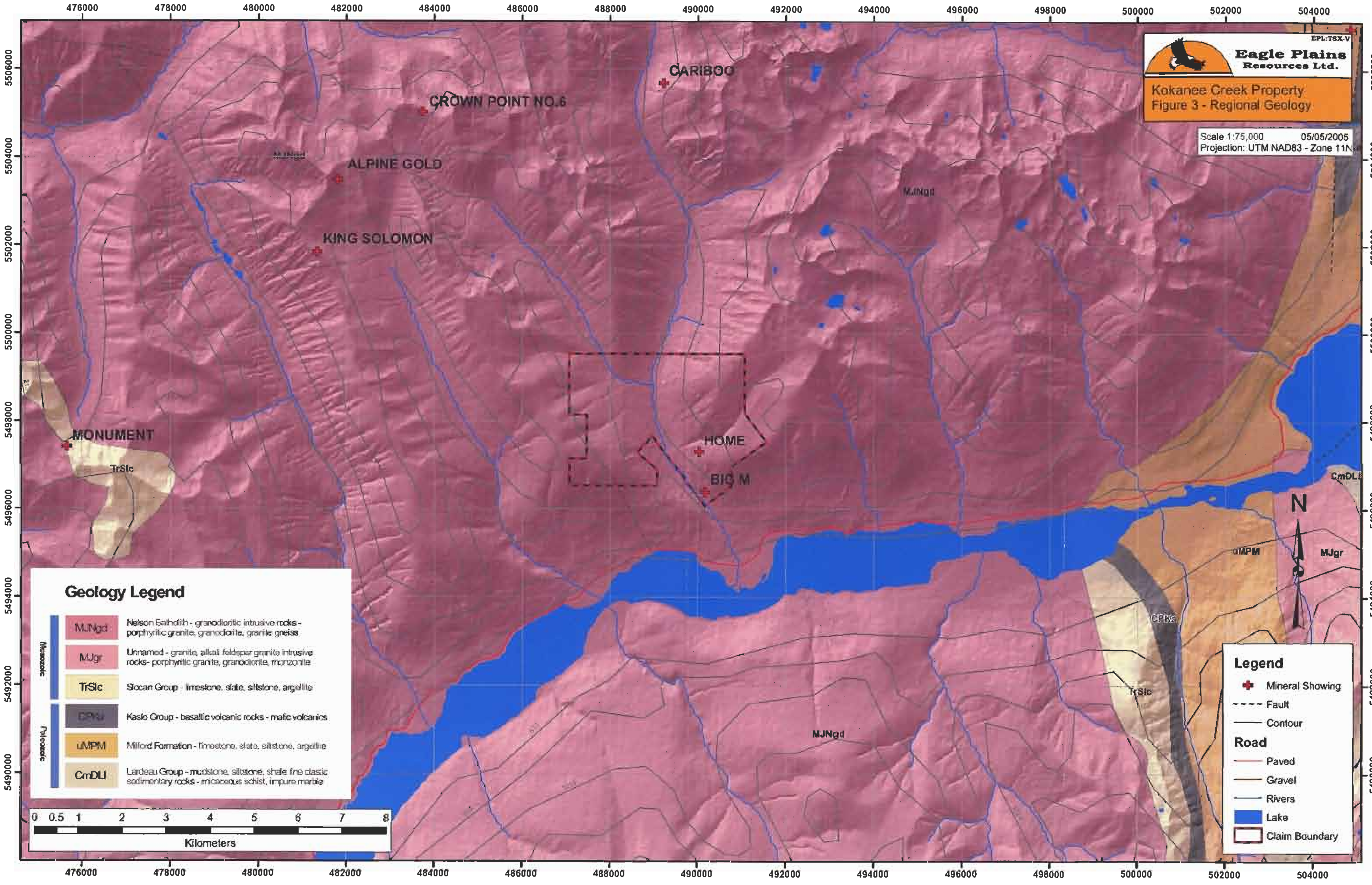
The sedimentary rocks of interest in the area of the Kokanee Creek Claims belong to the Slocan Group.(Little, 1988?) The Triassic to Lower Jurassic Slocan Group consists of basal slates and phyllites with lesser fine grained quartzite and limestone beds. Overlying these rocks are arenaceous well-bedded quartzitic argillites with local impure quartzite and limestone. The top of the section is marked by beds of tuffaceous lava, probably related to the beginning of volcanism associated with the Rossland Group which overlies the Slocan Group in the northwest of the Nelson map area.

Intrusive rocks

Two main intrusive events have occurred in the Nelson map area. The younger Jurassic Nelson intrusive complex is the most widespread and consists of porphyritic granite, granodiorite, diorite, quartz diorite, monzonite and hornblende syenite. (Little,1988?) Within the Nelson map area, Nelson intrusive occurs as the main Nelson Batholith with several smaller associated satellite bodies. A second later intrusive event emplaced several smaller alkaline plugs assigned to the Tertiary(Eocene) Coryell Batholith. The intrusive rocks have formed a number of volcanic and sedimentary roof pendants.

Structure

The regional structure is dominated by a series of generally north - northwest trending tight folds and shears.



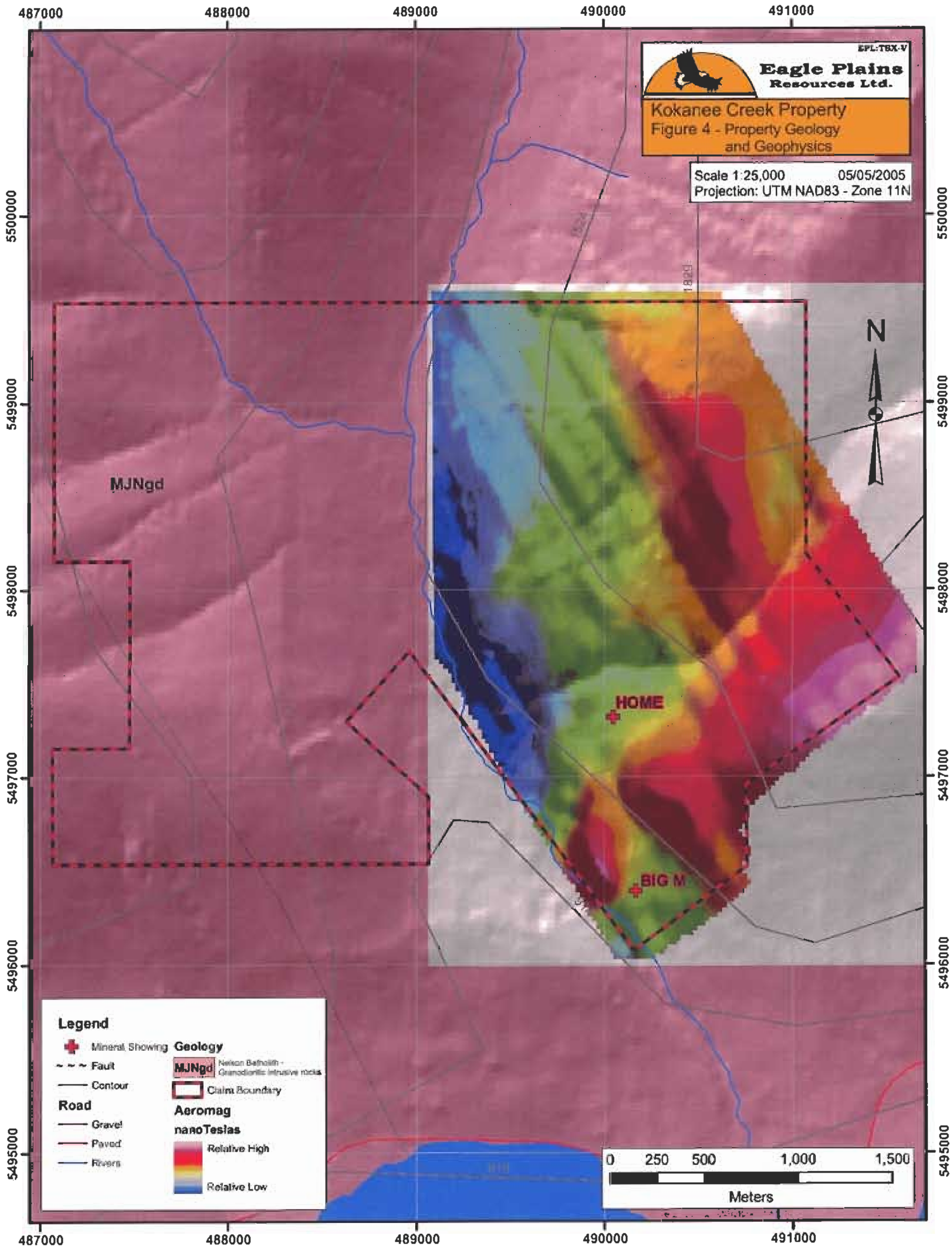
Eagle Plains Resources Ltd.
EPL:TSX-V
Kokanee Creek Property
Figure 3 - Regional Geology
Scale 1:75,000 05/05/2005
Projection: UTM NAD83 - Zone 11N
CARIBOO
CROWN POINT NO.6
ALPINE GOLD
KING SOLOMON
MONUMENT
HOME
BIG M
MJNgd
TrSlc
CmDLl
uMPM
MJgr
CPKs
N
Geology Legend
Mesozoic
Paleozoic
MJNgd Nelson Batholith - granodioritic intrusive rocks - porphyritic granite, granodiorite, granite gneiss
MJgr Unnamed - granite, alkali feldspar granite intrusive rocks- porphyritic granite, granodiorite, monzonite
TrSlc Slocan Group - limestone, slate, siltstone, argellite
CPKs Kaslo Group - basaltic volcanic rocks - mafic volcanics
uMPM Milford Formation - limestone, slate, siltstone, argellite
CmDLl Lardeau Group - mudstone, siltstone, shale fine clastic sedimentary rocks - micaceous schist, impure marble
0 0.5 1 2 3 4 5 6 7 8
Kilometers
Legend
Mineral Showing
Fault
Contour
Road
Paved
Gravel
Rivers
Lake
Claim Boundary

PROPERTY GEOLOGY (Fig. 4)

The Kokanee Creek Claims cover a metasedimentary roof pendant remnant within the Nelson Batholith. Thought to be of either Slocan Group or Ymir Group affinity, the roof pendant is dominantly argillic siltstone (siltite) and biotite schist mixed with paragneiss of presumable Nelson affinity. The siltstones are exposed along both the Lower Kokanee Creek Road and the Upper Busk Creek road where they have a trend of 140 -155°, dipping 50-70° SW. Drill core samples indicate that the siltstones have been moderately metamorphosed for the most part with weakly developed schistose textures. Alteration within the metasediments includes pervasive fine pink-brown biotite flood and coarser black to brown, often bedding parallel, biotite hornfels. The siltites are generally moderately to strongly silicified with local quartz flood and quartz replacement and have a weak to moderately developed mylonitic texture in part. In places, the metasediments also show chloritic alteration / chlorite flood, often with associated fine sericite alteration. Paragneiss within the roof pendant consists of slices or plugs of granitic acidic Nelson Batholith which have been moderately to strongly silicified with local weak to moderate biotite hornfels. The weakly gneissic granites or paragneisses are medium to fine grained equigranular to porphyritic in texture.

Both base and precious metal mineralization occurs on the Kokanee Creek Claims. The KOK showings (MINFILE 082FNW210, 211) consist of pyrrhotite, pyrite, sphalerite and galena associated with irregular quartz veinlets and fractures within a fine-grained to porphyritic granite. 1997 drilling intersected pyrrhotite and sphalerite within both metasediments and paragneisses. Gold mineralization associated with paragneiss and mixed paragneiss / metasediment was also located by the 1997 drilling. Mineralization appears to be of replacement or secondary type and does not appear to be associated with quartz veins.

Larger 3 - 10 cm medium- to coarse-grained, rusty, quartz veins intrude the host metasedimentary rocks; veins can contain muscovite and form minor stockworks. Sulphide mineralization includes coarse-grained euhedral galena, coarse-grained euhedral pyrite cubes and associated pseudomorphs (limonite?), as well as fine-grained disseminated arsenopyrite.



EPL:TSX-V
Eagle Plains
Resources Ltd.
Kokanee Creek Property
Figure 4 - Property Geology
and Geophysics
Scale 1:25,000
05/05/2005
Projection: UTM NAD83 - Zone 11N
487000
488000
489000
490000
491000
5500000
5499000
5498000
5497000
5496000
5495000
N
MJNgd
HOME
BIG M
Legend
Mineral Showing
Fault
Contour
Road
Gravel
Paved
Rivers
Geology
MJNgd
Claim Boundary
Aeromag
nanoTeslas
Relative High
Relative Low
0
250
500
1,000
1,500
Meters

2004 WORK PROGRAM (Fig. 4,5)

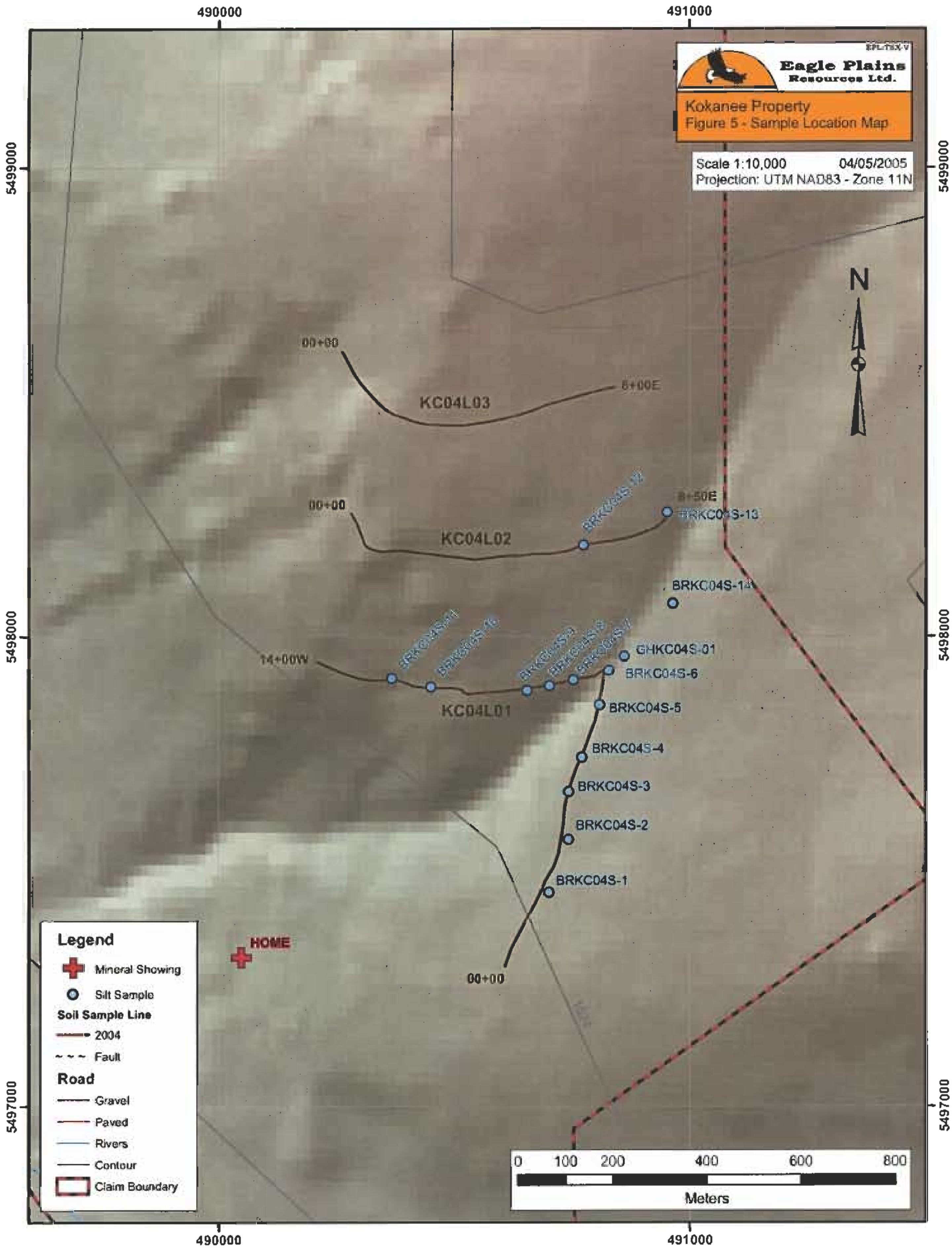
The 2004 Eagle Plains Resources exploration program at the Kokanee Creek Project consisted of an airborne geophysical survey followed by a short field program. Geophysical work consisted of an airborne, high resolution Time Domain Electro Magnetic geophysical survey. Data collection was done by Geotech Ltd. and data processing and interpretation was contracted to SJ Geophysics and Condor consulting. A total of 78 line km of survey were flown on March 29, 2004, with helicopter support provided by Bighorn Helicopters using an AStar 350B2.

A short field program was carried out after the survey was completed to ground truth the location of the geophysical anomalies with respect to the known geology and to carry out a soil geochemical survey. A total of 125 soil samples and 15 silt samples were collected. The rock samples were shipped to Eco-Tech Laboratories in Kamloops, B.C. for analysis. The samples were analyzed for 30 element ICP using aqua-regia digestion, with selected samples analyzed for gold. All samples were collected, handled, catalogued and prepared for shipment by Bootleg Exploration Inc.

All samples were input in the creation of a GIS database for the project.

All exploration and reclamation work was carried out in accordance to Ministry of Environment, Ministry of Mines and WCB regulations.

Total 2004 exploration expenditures by Eagle Plains Resources on the Kokanee Creek Project were $26,672.94



Eagle Plains Resources Ltd.
Kokanee Property
Figure 5 - Sample Location Map
Scale 1:10,000
04/05/2005
Projection: UTM NAD83 - Zone 11N
490000
491000
5499000
5498000
5497000
N
00+00
KC04L03
8+00E
00+00
KC04L02
8+50E
BRKC04S-13
BRKC04S-14
GHKC04S-01
14+00W
BRKC04S-6
KC04L01
BRKC04S-5
BRKC04S-4
BRKC04S-3
BRKC04S-2
BRKC04S-1
HOME
00+00
Legend
Mineral Showing
Silt Sample
Soil Sample Line
2004
Fault
Road
Gravel
Paved
Rivers
Contour
Claim Boundary
0
100
200
400
600
800
Meters

2004 PROGRAM RESULTS (Fig. 4,5,6, Appendix III)

GEOPHYSICS

Initial results from the VTEM survey indicated two magnetic high features in the south western part of the property, in the area of the Big M Minfile showing and another feature northeast of the Home Minfile occurrence. This northeasterly feature was the area chosen for initial ground truthing and geochemical surveying. The results from the geochemical soil and silt survey indicate a weakly anomalous zinc response in the area of the geophysical anomaly (Fig. 6)

The Geotech data was sent to Condor Geophysics for reprocessing (Appendix IV). The reprocessed data indicates two areas of interest, one roughly coincident with the mag anomaly in the area of the Big M Minfile occurrence (Anomaly A, Fig. 8, 9 Appendix IV), and another one in the west central part of the property (Anomaly B, Fig. 8,9 Appendix IV).

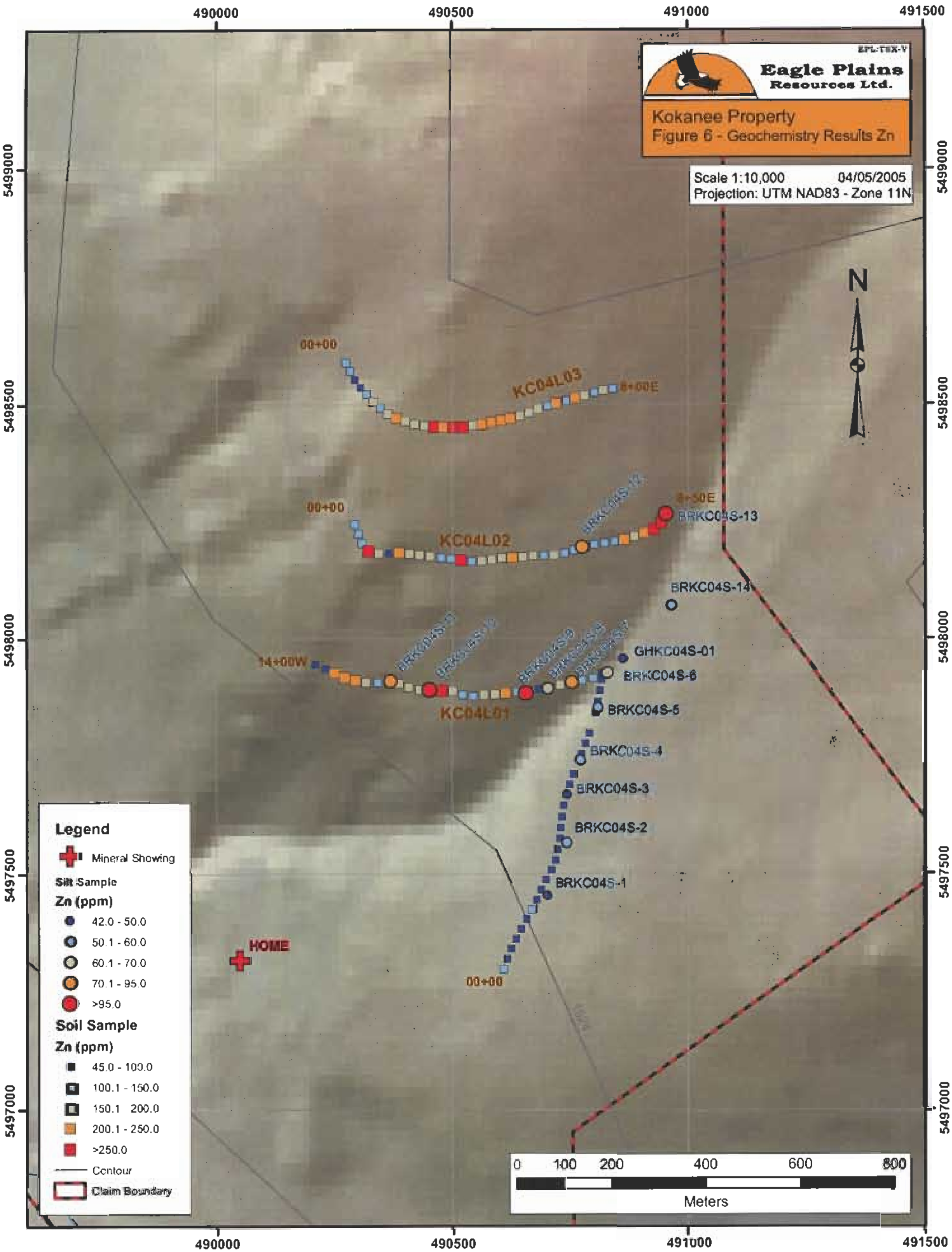
Anomaly A is relatively strong, but occurs on only three lines: 1010, 1020 and a weaker response on 1030. The peak AdTau value of approximately 1.2 ms is observed on Line 1020. On all three lines, the conductor correlates with a local magnetic anomaly that is most evident on the 1st vertical derivative profile. The conductor extends outside the survey area. The anomaly is of the SPR type indicating that it has significant width and it appears to be shallow. The Condor MultiPlot of Line 1020 is shown in Appendix XXX Figure 10. Anomaly A is located near the right-hand end of the profile near 490000E. The peak on the EM channel profiles correlates with a prominent AdTau anomaly and with a local magnetic anomaly, best recognized on the 1st vertical derivative profile.

Anomaly B is weaker than Anomaly A and is defined on only a single line (1100). This indicates that the strike length is less than 100m and so is less likely to be economically significant. The peak AdTau is approximately 0.6 ms. It does not have direct magnetic association on the 1st vertical derivative profile, although the conductor correlates with a broad TMI anomaly this may be coincidental.

GEOCHEMISTRY

Overall soil geochemical response was limited to moderately anomalous zinc values on all three lines. The best values were on Line KC04 L03 from 2+00E - 6+00E which averaged 213 ppm zinc over 400 meters, with a maximum value of 299 ppm Zn. Line KC04 L01, the southernmost line, returned values greater than 170 ppm Zn from 12+75 - 13+50W, with a maximum value of 241 ppm Zn at Station 13+00 W.

Silt geochemical sampling returned only weakly anomalous values.



490000
490500
491000
491500
5499000
5498500
5498000
5497500
5497000
EPL-TRX-V
Eagle Plains
Resources Ltd.
Kokanee Property
Figure 6 - Geochemistry Results Zn
Scale 1:10,000 04/05/2005
Projection: UTM NAD83 - Zone 11N
N
00+00
KC04L03
8+00E
00+00
KC04L02
8+50E
BRKC04S-13
BRKC04S-14
14+00W
KC04L01
GHKC04S-01
BRKC04S-6
BRKC04S-5
BRKC04S-4
BRKC04S-3
BRKC04S-2
BRKC04S-1
HOME
00+00
Legend
Mineral Showing
Silt Sample
Zn (ppm)
42.0 - 50.0
50.1 - 60.0
60.1 - 70.0
70.1 - 95.0
>95.0
Soil Sample
Zn (ppm)
45.0 - 100.0
100.1 - 150.0
150.1 200.0
200.1 - 250.0
>250.0
Contour
Claim Boundary
0 100 200 400 600 800
Meters

CONCLUSIONS AND RECOMMENDATIONS

The Kokanee Creek Claim Group covers a mineralized roof pendant structure. A metasedimentary remnant within the Mesozoic Nelson Batholith, the roof pendant is a mixed package of Slocan or possibly Ymir Group metasediments and paragneisses. Soil and chip sample geochemical sampling in 1996 outlined a number of base and precious metal anomalies in one area of the roof pendant. Drill testing of geochemically anomalous zones during 1997 intersected high grade precious and base metal mineralization. The mineralization is associated with strongly silicified, strongly biotite altered, pyrrhotitic schist and paragneiss and appears to be secondary in nature. Mineralization may be the result of skarn or contact metamorphic remobilization along the contact between the Nelson Batholith and the metasediments. It is thought that the mineralization may also be related to a regional structure that also hosts the nearby Molly Gibson Mine, Smuggler and Slocan Chief mineral showings. Although all mineralization to date has been associated with the roof pendant, the possibility of porphyry-type mineralization within the Batholith related to the regional structure should be considered as a possible exploration model.

One of the conclusions flowing from the 1997 report was that geophysics may be useful in locating mineralized zones within the roof pendant. Disseminated pyrrhotite associated with anomalous base and precious metal mineralization may be the source for the HLEM anomalies located during 1997. It also appears that the electro-magnetic anomalies located by the 1980 survey coincide with the interpreted outline of mineralized roof pendant metasediments and the Nelson Batholith. Based on these recommendations, a total of 78 line km airborne, high resolution Time Domain Electro Magnetic geophysical survey was flown over the Kokanee Creek Project in 2005. The initial results provided by the data collection contractor, Geotech Ltd., indicated two magnetic high features in the south western part of the property, in the area of the Big M Minfile showing and another feature northeast of the Home Minfile occurrence. This northeasterly feature was the area chosen for initial ground truthing and geochemical surveying. The results from the geochemical soil and silt survey indicate a weakly anomalous zinc response in the area of the geophysical anomaly.

Subsequent to the field program, the geophysical data was sent to Condor Consulting for further processing. The reinterpreted data indicates two areas of interest, one roughly coincident with the mag anomaly in the area of the Big M Minfile occurrence and another one in the west central part of the property.

Further work on the Kokanee Creek Project is recommended. Ground truthing of the two airborne geophysical anomalies outlined by Condor Consulting should be undertaken. This should include rock and soil sampling, geological mapping and possibly ground based geophysics. Based on the success of past diamond drilling on the project and contingent on positive results from the field work, a short diamond drilling program should be carried out to test high priority targets.

A budget for the proposed work follows:

PHASE 1

Personnel	$10,000.00
Analytical	$4,000.00
Meals/Grocery	$1,500.00
Accommodation	$1000.00
Truck and Equipment Rentals	$1,500.00
Fuel (Diesel, Gasoline, Propane)	$500.00
Supplies	$1,000.00
Miscellaneous	$2,000.00
Report/Reproduction	$1,000.00
Sub-Total :	$22,500.00
10% Contingency :	$2,250.00
TOTAL Phase 1 :	$24,750.00

PHASE 2 (contingent on Phase 1 results)

Diamond Drilling	$40,000.00
Personnel	$15,000.00
Analytical	$8,000.00
Meals/Grocery	$2,000.00
Truck/Equipment Rentals	$2,000.00
Fuel (Diesel, Gasoline, Propane)	$2,000.00
Supplies	$2,000.00
Miscellaneous	$2,500.00
Report/Reproduction	$3,000.00
Sub-Total :	$76,500.00
10% Contingency :	$7,650.00
TOTAL Phase 2 :	$84,150.00
TOTAL Phase 1, Phase 2 :	$108,900.00

REFERENCES

Downie, C.C. (1997) : Geological Report on the Kokanee Creek Project; BCEMPR Assessment Report # 25105

Geophysical Assessment Report on the BIG "M" GROUP at claims on Kokanee Creek, Nelson Mining Division; report by Pearson Gallagher Ltd. 1980; MEMPR Assessment Report #08725

Hoy, Trygve and Andrews, Kathryn (1988): Preliminary Geology and Geochemistry of the Elise Formation, Rossland Group, Between Nelson and Ymir, Southeastern British Columbia;

Little, H.W. (1960): Nelson Map Area, West Half, British Columbia (NTS 82F West Half); GSC Memoir 308

Little, H.W. (1971): Preliminary Geological Map of Nelson (N.T.S. 82F West Half) Map Area, British Columbia; O.F. 1195

Little, H.W. (1988): Geological Notes, Nelson West Half (82F, W1/2 Map Area, British Columbia;

Mines and Petroleum Resources Report, 1967, 1968

EMPR Minfile #082FNW 043, 120, 121, 127, 119, 210, 211

APPENDIX I

STATEMENTS OF QUALIFICATIONS

CERTIFICATE OF QUALIFICATION

I, Charles C. Downie of 716 Summit Place, in the city of Cranbrook in the Province of British Columbia hereby certify that:

1) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (#20137).

2) I am a graduate of the University of Alberta (1988) with a B.Sc. degree and have practiced my profession as a geologist continuously since graduation.

3) I have co-authored this technical report titled ASSESSMENT REPORT FOR THE KOKANEE CREEK PROJECT, based on data collected through research and on observations and results from physical work on the property. Data sources include British Columbia Ministry of Energy and Mines Map Place, British Columbia Ministry of Energy and Mines Microfiche, and past fieldwork on the project.

4) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

4) I am a director of Eagle Plains Resources Ltd. since 2002 and currently hold 421,345 shares of that company. I further hold options to purchase 400,000 shares of the company at $0.10 - $0.65 per share.

Dated this 13th day of May, 2005 in Cranbrook, British Columbia.

PROFESSIONAL PROVINCE OF C. C. DOWNIE BRITISH COLUMBIA GEOSCIENTIST

Charles C. Downie, P. Geo.

CERTIFICATE OF QUALIFICATION

I, Glen W. Hendrickson, of 616 Nelson St. of the City of Kimberley in the Province of British Columbia hereby certify that:

1) I am a graduate of the University of Lethbridge (2004) with a B.Sc. degree in Geography with a concentration in GIS, and have practiced my profession as geographer continuously since graduation.

2) I have co-authored this technical report titled ASSESSMENT REPORT FOR THE KOKANEE CREEK PROJECT, based on data collected through research and on observations and results from physical work on the property. I spent three days on the property in May 2005. Data sources include British Columbia Ministry of Energy and Mines Map Place, British Columbia Ministry of Energy and Mines Microfiche, and past fieldwork on the project.

3) I currently hold (directly and indirectly) 3,000 common shares of Eagle Plains Resources Ltd., and further own options and warrants for the purchase of 40,000 additional shares.

Dated this 13th day of May, 2005 in Cranbrook, British Columbia.

Glen W. Hendrickson, B.Sc. Geography.

APPENDIX II

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

The following expenses were incurred on the KOKANEE CREEK PROJECT (HOME Claims) Nelson Mining Division, *for the purpose of mineral exploration between the dates of* March 01, 2004 *and* January 01, 2005.

geological personnel: Bootleg Exploration Inc.		
	Chris Gallagher, P.Geo; Project Supervisor	
	Chas Downie, P.Geo	
	Tim Termuende, P.Geo	
	Brad Robison, field technician	
	Glen Hendrickson, field technician	
	Total Bootleg Personnel:	$3,185.94
analytical: EcoTech Laboratories soil / 30 element ICP plus Au		$2,061.85
helicopter charter:		
Bighorn (geophysical survey)		$5,556.01
equipment rental:		
4WD vehicle : 4 days @ $60.00/day		$240.00
mileage : (1500km x $0.20/km)		$300.00
ATV : 4 days x $75.00/day		$300.00
geophysical surveys: Geotech (data acquisition), SJ Geophysics, Condor (interpretation)		$11,611.10
accommodation/meals :		$661.95
shipping:		$25.03
office supplies:		$10.74
field supply: 8 man days x $35.00/day		$280.00
equipment rental:		$138.63
fuel:		$301.69
report writing : (estimate)		$2,000.00
	TOTAL:	$26,672.94

APPENDIX III

ANALYTICAL RESULTS

5-May-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2004-241

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 126
Sample type: Soil
Project #: Kokanee Creek
Shipment #: K04-01

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	KC04L01 0+00	5	<0.2	1.85	<5	160	<5	0.16	<1	10	12	6	1.59	10	0.13	858	1	0.01	8	2710	18	<5	<20	18	0.10	<10	<1	<10	4	120
2	KC04L01 0+25W	<5	0.4	2.52	<5	145	5	0.25	<1	9	15	9	1.88	10	0.20	1032	2	0.01	8	3460	24	<5	<20	36	0.12	<10	<1	<10	5	97
3	KC04L01 0+50W	5	0.2	2.04	<5	125	5	0.18	<1	7	12	6	1.48	10	0.17	570	1	0.01	7	3220	18	<5	<20	14	0.09	<10	<1	<10	4	94
4	KC04L01 0+75W	5	0.3	1.89	<5	115	5	0.18	<1	7	12	6	1.48	<10	0.16	507	1	0.01	8	3580	16	<5	<20	15	0.09	<10	<1	<10	4	93
5	KC04L01 1+00W	5	0.2	1.16	<5	65	<5	0.21	<1	6	11	4	1.41	10	0.23	190	1	0.01	6	1200	14	<5	<20	13	0.07	<10	2	<10	3	60
6	KC04L01 1+25W	5	0.4	1.08	<5	100	<5	0.23	<1	6	10	5	1.30	10	0.19	464	<1	0.01	6	1590	10	<5	<20	24	0.08	<10	<1	<10	3	67
7	KC04L01 1+50W	5	0.3	2.27	<5	160	<5	0.33	<1	11	19	8	2.39	30	0.52	908	<1	0.02	11	1230	58	<5	<20	40	0.12	<10	<1	<10	10	111
8	KC04L01 1+75W	5	0.3	2.14	<5	85	<5	0.16	<1	9	14	6	1.71	10	0.21	690	1	0.01	7	2000	18	<5	<20	18	0.11	<10	<1	<10	5	74
9	KC04L01 2+00W	<5	0.2	1.40	<5	130	<5	0.23	<1	8	13	4	1.66	10	0.29	575	1	0.01	7	2020	14	<5	<20	21	0.09	<10	<1	<10	4	95
10	KC04L01 2+25W	5	0.2	1.59	<5	95	<5	0.38	<1	8	14	4	1.83	10	0.33	301	1	0.01	7	2930	16	<5	<20	26	0.10	<10	<1	<10	5	91
11	KC04L01 2+50W	<5	<0.2	1.13	<5	75	<5	0.39	<1	7	12	4	1.49	10	0.32	320	<1	0.01	7	2450	14	<5	<20	25	0.08	<10	<1	<10	5	69
12	KC04L01 2+75W	<5	0.2	1.67	<5	100	<5	0.26	<1	8	12	5	1.60	10	0.26	227	<1	0.01	8	2770	14	<5	<20	17	0.09	<10	<1	<10	4	67
13	KC04L01 3+00W	5	0.2	2.35	<5	130	5	0.19	<1	9	14	6	1.75	20	0.21	696	<1	0.02	9	3450	20	<5	<20	24	0.11	<10	<1	<10	6	84
14	KC04L01 3+25W	<5	0.2	1.47	<5	85	<5	0.26	<1	7	12	5	1.65	10	0.27	166	1	0.01	7	1380	18	<5	<20	21	0.10	<10	<1	<10	5	53
15	KC04L01 3+50W	<5	0.2	0.93	<5	140	<5	0.13	<1	6	10	4	1.27	<10	0.16	541	<1	0.01	5	1840	16	<5	<20	13	0.07	<10	<1	<10	4	57
16	KC04L01 3+75W	<5	0.3	2.20	<5	115	<5	0.30	<1	12	18	9	2.50	50	0.42	683	1	0.02	8	560	28	<5	<20	41	0.14	<10	<1	<10	16	61
17	KC04L01 4+00W	5	<0.2	1.30	<5	170	<5	0.27	<1	7	12	4	1.52	10	0.27	524	<1	0.01	5	3030	12	<5	<20	14	0.08	<10	<1	<10	4	80
18	KC04L01 4+25W	<5	<0.2	2.03	<5	90	<5	0.36	<1	8	14	4	1.85	10	0.26	144	1	0.01	8	1160	16	<5	<20	36	0.11	<10	<1	<10	6	46
19	KC04L01 4+50W	<5	0.2	1.54	<5	105	<5	0.19	<1	7	12	4	1.56	10	0.18	278	1	0.01	7	2660	30	<5	<20	12	0.09	<10	<1	<10	4	55
20	KC04L01 4+75W	<5	0.2	2.41	<5	105	<5	0.14	<1	8	14	6	1.85	10	0.23	162	2	0.01	8	3820	22	<5	<20	9	0.11	<10	<1	<10	5	69
21	KC04L01 5+00W	10	<0.2	0.70	<5	55	<5	0.34	<1	6	9	4	1.30	20	0.24	141	<1	<0.01	4	2190	6	<5	<20	13	0.05	<10	3	<10	4	33
22	KC04L01 5+25W	5	<0.2	1.11	<5	55	<5	0.38	<1	6	11	5	1.66	20	0.35	200	<1	0.01	6	2250	8	<5	<20	22	0.08	<10	<1	<10	5	48
23	KC04L01 5+50W	5	<0.2	1.17	5	60	<5	0.54	<1	9	14	5	2.00	20	0.50	365	<1	0.01	7	2160	20	<5	<20	17	0.10	<10	<1	<10	6	63
24	KC04L01 5+75W	5	<0.2	1.47	<5	90	<5	0.27	<1	7	12	3	1.64	10	0.26	166	1	0.01	5	2340	14	<5	<20	20	0.09	<10	<1	<10	4	53
25	KC04L01 6+00W	5	<0.2	0.58	<5	30	<5	0.13	<1	4	7	2	1.01	<10	0.17	93	<1	0.01	3	880	8	<5	<20	8	0.07	<10	<1	<10	3	42
26	KC04L01 6+25W	5	0.2	1.08	<5	75	<5	0.23	<1	10	14	6	2.10	20	0.42	343	1	0.01	5	980	10	<5	<20	24	0.11	<10	<1	<10	5	68
27	KC04L01 6+50W	5	<0.2	0.88	<5	40	<5	0.19	<1	7	13	3	1.95	20	0.37	181	2	<0.01	3	650	8	<5	<20	22	0.13	<10	<1	<10	4	49
28	KC04L01 6+75W	5	<0.2	1.22	5	80	<5	0.20	<1	9	15	4	2.12	10	0.43	320	2	0.01	6	1220	14	5	<20	17	0.13	<10	<1	<10	5	100
29	KC04L01 7+00W	5	<0.2	1.13	<5	65	<5	0.26	<1	7	12	4	1.65	20	0.32	233	1	<0.01	5	1350	14	<5	<20	10	0.08	<10	<1	<10	5	58
30	KC04L01 7+25W	5	<0.2	1.37	<5	95	5	0.27	<1	9	15	7	2.26	20	0.51	403	2	0.01	8	1640	14	<5	<20	16	0.11	<10	<1	<10	6	99

BOOTLEG EXPLORATION INC. ICP CERTIFICATE OF ANALYSIS AK 2004-241 ECO TECH LABORATORY LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	KC04L01 7+50W	<5	0.3	1.21	<5	120	<5	0.31	<1	8	14	6	2.01	20	0.44	487	1	0.01	7	2070	12	<5	<20	23	0.10	<10	<1	<10	5	113
32	KC04L01 7+75W	5	0.2	1.38	<5	115	<5	0.41	<1	10	17	7	2.28	20	0.56	794	1	0.01	9	1540	14	<5	<20	44	0.12	<10	<1	<10	6	119
33	KC04L01 8+00W	<5	0.2	1.53	<5	110	<5	0.27	<1	10	16	5	2.34	20	0.50	432	1	0.01	7	2010	16	<5	<20	20	0.13	<10	<1	<10	5	138
34	KC04L01 8+25W	<5	0.3	1.68	<5	140	5	0.31	<1	10	16	5	2.34	20	0.53	517	1	0.01	8	2120	16	<5	<20	33	0.12	<10	<1	<10	6	157
35	KC04L01 8+50W	<5	<0.2	1.52	<5	130	<5	0.46	<1	12	18	4	2.72	20	0.71	676	2	0.01	8	1200	12	<5	<20	40	0.16	<10	<1	<10	7	104
36	KC04L01 8+75W	5	<0.2	1.11	<5	60	<5	0.32	<1	8	12	4	1.74	20	0.41	249	<1	0.01	6	1380	8	<5	<20	17	0.09	<10	<1	<10	6	67
37	KC04L01 9+00W	5	<0.2	1.75	<5	115	<5	0.36	<1	12	19	4	2.91	20	0.76	433	2	0.01	8	1440	12	<5	<20	21	0.16	<10	<1	<10	8	110
38	KC04L01 9+25W	5	0.2	1.38	<5	190	5	0.35	<1	8	14	7	1.83	20	0.37	536	1	0.01	9	2600	16	<5	<20	30	0.10	<10	<1	<10	5	142
39	KC04L01 9+50W	5	0.2	2.08	<5	390	5	0.30	<1	11	17	9	2.32	30	0.48	1126	1	0.01	10	3220	18	<5	<20	33	0.12	<10	<1	<10	8	203
40	KC04L01 9+75W	5	0.2	2.08	<5	115	<5	0.25	<1	8	14	6	1.83	20	0.31	345	1	0.01	9	2800	18	<5	<20	17	0.11	<10	<1	<10	6	155
41	KC04L01 10+00W	5	0.3	2.00	5	180	<5	0.18	<1	8	13	7	1.59	20	0.21	881	2	0.01	10	2350	18	<5	<20	17	0.11	<10	<1	<10	6	171
42	KC04L01 10+25W	5	<0.2	1.39	<5	160	<5	0.19	<1	8	12	4	1.69	20	0.32	526	<1	0.01	7	1560	20	<5	<20	15	0.10	<10	<1	<10	4	144
43	KC04L01 10+50W	5	0.2	1.99	<5	105	<5	0.23	<1	8	13	7	1.72	20	0.30	238	1	0.01	9	1810	16	<5	<20	20	0.10	<10	<1	<10	7	120
44	KC04L01 10+75W	5	0.3	2.62	<5	160	5	0.11	<1	11	14	7	1.84	20	0.21	792	2	0.01	10	2480	22	<5	<20	16	0.14	<10	<1	<10	8	176
45	KC04L01 11+00W	5	0.3	1.87	10	170	<5	0.16	<1	9	13	6	1.60	20	0.24	862	1	0.01	8	2200	20	<5	<20	16	0.11	<10	<1	<10	6	275
46	KC04L01 11+25W	10	0.2	1.22	<5	60	<5	0.20	<1	7	13	9	1.89	20	0.40	263	<1	<0.01	5	880	20	<5	<20	14	0.09	<10	<1	<10	7	104
47	KC04L01 11+50W	5	0.3	2.52	<5	180	<5	0.13	<1	10	16	9	2.00	20	0.24	1144	1	0.02	9	2940	28	<5	<20	16	0.13	<10	<1	<10	8	182
48	KC04L01 11+75W	5	0.2	2.00	<5	170	<5	0.16	<1	9	16	9	2.00	30	0.26	465	<1	0.02	9	1489	26	<5	<20	20	0.12	<10	<1	<10	8	156
49	KC04L01 12+00W	10	0.2	1.74	<5	165	<5	0.23	<1	9	16	11	2.00	30	0.38	223	<1	<0.01	8	1290	18	<5	<20	23	0.11	<10	<1	<10	10	168
50	KC04L01 12+25W	5	<0.2	1.55	<5	130	5	0.34	<1	10	19	9	2.62	40	0.63	505	2	0.01	9	1410	24	<5	<20	25	0.14	<10	<1	<10	11	117
51	KC04L01 12+50W	5	<0.2	1.03	<5	125	<5	0.27	<1	7	11	4	1.40	10	0.29	892	<1	0.01	5	1410	16	<5	<20	21	0.08	<10	<1	<10	5	103
52	KC04L01 12+75W	5	0.2	1.66	<5	195	<5	0.27	<1	8	13	6	1.73	20	0.31	641	1	0.01	7	2970	18	<5	<20	27	0.10	<10	<1	<10	7	172
53	KC04L01 13+00W	5	0.2	1.92	<5	295	5	0.29	<1	9	14	6	1.78	20	0.28	1481	1	0.01	8	4470	22	<5	<20	31	0.10	<10	<1	<10	7	241
54	KC04L01 13+25W	5	0.2	2.08	<5	200	<5	0.31	<1	9	15	7	1.86	20	0.31	1036	1	0.01	8	3110	24	<5	<20	41	0.11	<10	<1	<10	7	205
55	KC04L01 13+50W	5	0.2	1.86	<5	240	<5	0.23	<1	9	13	6	1.67	20	0.27	926	1	0.01	8	3780	22	<5	<20	19	0.11	<10	<1	<10	8	220
56	KC04L01 13+75W	5	0.2	1.20	<5	75	<5	0.32	<1	7	12	4	1.66	20	0.38	326	<1	0.01	5	1830	16	<5	<20	11	0.09	<10	<1	<10	7	88
57	KC04L01 14+00W	5	0.2	1.30	<5	85	<5	0.38	<1	9	15	5	2.32	30	0.58	366	1	0.01	6	1330	14	<5	<20	19	0.13	<10	<1	<10	10	82
58	KC04L02 0+00E	10	<0.2	1.61	<5	110	<5	0.36	<1	9	16	8	2.48	30	0.56	415	1	<0.01	7	1530	20	<5	<20	16	0.13	<10	<1	<10	11	125
59	KC04L02 0+25E	10	0.3	2.01	<5	120	<5	0.25	<1	9	15	6	2.13	20	0.37	418	2	0.01	8	1670	24	<5	<20	23	0.12	<10	<1	<10	7	125
60	KC04L02 0+50E	5	0.2	1.76	<5	150	<5	0.24	<1	8	14	6	1.92	20	0.36	747	1	0.01	8	1710	20	<5	<20	17	0.11	<10	<1	<10	8	105
61	KC04L02 0+75E	10	<0.2	1.61	<5	100	<5	0.39	<1	9	16	7	2.63	30	0.59	428	1	0.01	7	1550	18	<5	<20	19	0.13	<10	<1	<10	10	116
62	KC04L02 1+00E	10	0.3	2.20	<5	370	<5	0.30	<1	10	16	7	2.18	30	0.37	1696	1	0.01	9	3850	28	<5	<20	36	0.12	<10	<1	<10	8	278
63	KC04L02 1+25E	10	0.2	2.10	<5	265	<5	0.28	<1	9	16	8	2.30	20	0.45	947	<1	0.01	8	2370	22	<5	<20	36	0.13	<10	<1	<10	7	173
64	KC04L02 1+50E	5	<0.2	1.30	<5	100	<5	0.30	<1	8	12	5	1.97	20	0.46	401	<1	0.01	4	1080	26	<5	<20	18	0.11	<10	<1	<10	8	75
65	KC04L02 1+75E	5	0.2	2.30	<5	265	<5	0.20	1	10	16	8	2.15	30	0.34	1668	2	0.01	8	3330	26	<5	<20	27	0.13	<10	<1	<10	8	245
66	KC04L02 2+00E	5	0.3	1.38	<5	155	<5	0.27	<1	10	17	9	2.42	30	0.55	664	1	<0.01	7	1370	16	<5	<20	24	0.13	<10	<1	<10	8	153
67	KC04L02 2+25E	5	0.2	1.46	<5	185	5	0.29	<1	10	20	9	2.44	30	0.56	850	1	0.01	9	1440	20	<5	<20	26	0.13	<10	<1	<10	9	176
68	KC04L02 2+50E	5	0.2	1.77	<5	125	5	0.33	<1	10	18	7	2.57	30	0.53	516	1	0.01	8	1490	22	5	<20	29	0.13	<10	<1	<10	9	151
69	KC04L02 2+75E	5	0.3	1.49	<5	120	<5	0.33	<1	8	16	8	2.27	30	0.47	484	<1	0.01	7	1490	20	<5	<20	23	0.11	<10	<1	<10	9	140
70	KC04L02 3+00E	5	0.3	1.42	<5	145	<5	0.32	<1	9	16	9	2.29	30	0.53	372	1	<0.01	8	1250	18	<5	<20	27	0.12	<10	<1	<10	9	140

BOOTLEG EXPLORATION INC. **ICP CERTIFICATE OF ANALYSIS AK 2004-241** **ECO TECH LABORATORY LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	KC04L02 3+25E	5	0.4	2.20	<5	215	5	0.25	<1	11	19	12	2.58	30	0.44	1402	<1	0.01	9	2790	28	<5	<20	33	0.11	<10	<1	<10	10	273
72	KC04L02 3+50E	5	<0.2	1.98	<5	130	<5	0.21	<1	9	16	5	2.20	20	0.35	667	<1	0.01	7	2590	26	<5	<20	22	0.10	<10	<1	<10	6	145
73	KC04L02 3+75E	10	0.2	2.19	<5	125	<5	0.18	<1	8	15	9	1.99	20	0.33	453	1	0.01	10	1300	26	<5	<20	16	0.11	<10	<1	<10	7	188
74	KC04L02 4+00E	5	<0.2	1.62	<5	105	<5	0.21	<1	9	19	13	2.69	30	0.53	471	<1	0.01	8	1420	24	<5	<20	26	0.11	<10	<1	<10	8	197
75	KC04L02 4+25E	5	0.2	2.29	<5	115	5	0.18	<1	9	17	9	2.33	20	0.37	394	1	0.01	8	2040	28	<5	<20	15	0.12	<10	<1	<10	7	195
76	KC04L02 4+50E	10	0.2	2.42	<5	155	<5	0.18	<1	9	15	10	1.97	20	0.29	746	2	0.01	8	2530	30	<5	<20	20	0.12	<10	<1	<10	9	229
77	KC04L02 4+75E	<5	0.2	2.39	<5	145	<5	0.22	<1	10	16	9	2.20	30	0.36	608	1	0.01	9	1610	26	<5	<20	25	0.13	<10	<1	<10	9	162
78	KC04L02 5+00E	<5	<0.2	1.51	<5	120	<5	0.30	<1	9	16	6	2.39	30	0.49	612	1	<0.01	7	1840	20	<5	<20	17	0.12	<10	<1	<10	8	151
79	KC04L02 5+25E	<5	<0.2	1.78	<5	130	5	0.28	<1	9	16	6	2.39	20	0.49	476	1	0.01	7	2420	20	<5	<20	37	0.12	<10	<1	<10	7	115
80	KC04L02 5+50E	5	0.2	1.71	<5	210	<5	0.26	<1	9	15	7	2.14	20	0.35	785	<1	0.01	6	2260	26	<5	<20	26	0.12	<10	<1	<10	6	158
81	KC04L02 5+75E	5	<0.2	1.57	<5	110	5	0.25	<1	9	15	8	2.03	20	0.42	403	1	0.01	7	2240	18	<5	<20	16	0.10	<10	<1	<10	6	124
82	KC04L02 6+00E	<5	<0.2	2.44	<5	175	5	0.36	<1	9	15	8	2.04	20	0.32	480	1	0.01	10	3700	28	<5	<20	44	0.11	<10	<1	<10	7	132
83	KC04L02 6+25E	<5	0.2	1.83	<5	210	<5	0.27	<1	10	16	8	2.07	20	0.33	1131	1	0.01	8	3790	26	<5	<20	34	0.10	<10	<1	<10	6	243
84	KC04L02 6+50E	<5	<0.2	2.64	<5	145	5	0.19	<1	10	16	6	2.02	10	0.24	695	2	0.02	9	3520	30	<5	<20	24	0.14	<10	<1	<10	6	146
85	KC04L02 6+75E	<5	<0.2	1.77	<5	105	10	0.23	<1	10	19	10	2.48	20	0.54	293	2	<0.01	9	990	18	<5	<20	16	0.13	<10	<1	<10	8	144
86	KC04L02 7+00E	5	<0.2	1.96	<5	215	<5	0.20	<1	10	16	9	2.34	20	0.40	764	2	0.01	8	1400	24	<5	<20	16	0.15	<10	<1	<10	7	110
87	KC04L02 7+25E	5	0.2	2.20	<5	120	<5	0.28	<1	11	18	10	2.65	30	0.54	362	2	<0.01	9	1390	24	<5	<20	14	0.14	<10	<1	<10	9	219
88	KC04L02 7+50E	<5	<0.2	1.90	<5	130	<5	0.22	<1	11	17	7	2.44	20	0.38	472	2	0.01	9	1980	24	<5	<20	13	0.15	<10	<1	<10	7	185
89	KC04L02 7+75E	5	<0.2	2.50	<5	125	5	0.28	<1	12	18	12	2.60	20	0.46	407	3	0.01	11	1440	28	<5	<20	21	0.16	<10	<1	<10	8	224
90	KC04L02 8+00E	5	0.2	2.29	<5	160	5	0.24	2	12	17	8	2.37	20	0.36	756	2	0.01	10	2040	28	<5	<20	21	0.14	<10	<1	<10	6	522
91	KC04L02 8+25E	<5	0.2	1.50	5	165	<5	0.10	3	9	14	8	1.88	10	0.18	2337	1	0.01	5	3080	24	<5	<20	8	0.11	<10	<1	<10	5	287
92	KC04L02 8+50E	<5	<0.2	0.94	<5	70	<5	0.35	2	8	11	8	1.76	30	0.36	334	<1	<0.01	5	1200	14	<5	<20	27	0.08	<10	<1	<10	6	123
93	KC04L03 0+00E	<5	0.2	2.25	<5	125	<5	0.26	<1	11	22	7	2.97	30	0.64	432	<1	<0.01	10	1140	26	<5	<20	22	0.13	<10	2	<10	9	127
94	KC04L03 0+25E	<5	0.3	2.56	<5	165	5	0.54	<1	13	19	6	3.43	40	0.70	459	2	0.01	8	2620	24	<5	<20	20	0.19	<10	<1	<10	14	132
95	KC04L03 0+50E	5	0.5	2.66	<5	125	5	0.21	<1	9	16	6	2.20	20	0.35	532	2	0.01	10	1680	26	<5	<20	13	0.11	<10	<1	<10	7	123
96	KC04L03 0+75E	<5	0.5	1.85	<5	95	5	0.16	<1	8	14	6	1.93	20	0.25	828	1	<0.01	6	1610	24	<5	<20	15	0.10	<10	<1	<10	6	97
97	KC04L03 1+00E	<5	0.4	1.43	<5	75	<5	0.23	<1	6	12	4	1.63	20	0.25	244	1	<0.01	5	1600	18	<5	<20	11	0.08	<10	<1	<10	6	76
98	KC04L03 1+25E	<5	0.2	1.65	<5	90	5	0.22	<1	7	15	5	1.97	20	0.34	388	1	<0.01	8	1350	22	<5	<20	19	0.09	<10	<1	<10	6	116
99	KC04L03 1+50E	5	0.3	1.74	<5	125	<5	0.31	<1	9	17	8	2.49	30	0.53	363	<1	0.01	6	1390	22	<5	<20	23	0.12	<10	<1	<10	8	151
100	KC04L03 1+75E	5	0.3	1.46	<5	90	<5	0.32	<1	9	15	8	2.31	20	0.50	335	<1	0.01	7	1350	18	<5	<20	17	0.11	<10	<1	<10	8	144
101	KC04L03 2+00E	5	0.2	1.76	<5	125	<5	0.27	<1	9	17	9	2.35	30	0.48	350	<1	<0.01	8	1340	20	<5	<20	14	0.12	<10	<1	<10	9	169
102	KC04L03 2+25E	<5	0.2	1.86	<5	150	<5	0.31	<1	9	15	5	2.07	20	0.35	1157	2	0.01	9	2110	22	<5	<20	32	0.11	<10	<1	<10	7	237
103	KC04L03 2+50E	<5	0.6	2.48	<5	185	<5	0.21	<1	11	18	7	2.50	30	0.41	1099	2	0.01	10	2660	30	<5	<20	19	0.14	<10	<1	<10	9	200
104	KC04L03 2+75E	<5	0.2	2.12	<5	180	5	0.29	<1	9	15	6	2.29	20	0.41	1017	1	0.01	8	1650	24	<5	<20	30	0.13	<10	<1	<10	7	160
105	KC04L03 3+00E	<5	0.9	3.44	<5	130	5	0.18	<1	10	17	10	2.08	20	0.24	845	2	0.01	10	2150	34	<5	<20	20	0.14	<10	<1	<10	9	194
106	KC04L03 3+25E	5	0.5	2.25	<5	200	5	0.18	<1	9	16	6	1.99	20	0.28	1400	1	0.01	9	3100	28	<5	<20	19	0.11	<10	<1	<10	7	260
107	KC04L03 3+50E	5	0.5	1.82	<5	125	<5	0.24	<1	8	14	7	1.96	20	0.32	931	1	0.01	10	2570	24	<5	<20	18	0.10	<10	<1	<10	7	202
108	KC04L03 3+75E	5	0.6	2.02	5	200	<5	0.20	<1	9	15	7	1.96	20	0.28	2028	<1	0.01	9	3250	26	<5	<20	18	0.10	<10	<1	<10	7	277
109	KC04L03 4+00E	10	0.5	2.31	<5	160	5	0.21	<1	10	17	7	2.22	20	0.36	1055	1	0.01	9	2740	28	<5	<20	20	0.11	<10	<1	<10	7	299
110	KC04L03 4+25E	5	<0.2	1.61	<5	175	<5	0.30	<1	8	14	6	2.09	20	0.41	785	<1	<0.01	7	2240	22	<5	<20	25	0.10	<10	<1	<10	8	171

BOOTLEG EXPLORATION INC. **ICP CERTIFICATE OF ANALYSIS AK 2004-241** **ECO TECH LABORATORY LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
111	KC04L03 4+50E	5	0.3	2.31	<5	165	<5	0.25	<1	9	16	8	2.07	20	0.31	1089	<1	0.01	9	3220	28	<5	<20	30	0.11	<10	<1	<10	8	240
112	KC04L03 4+75E	10	0.4	2.89	<5	145	<5	0.26	<1	11	21	12	2.80	30	0.53	544	2	0.01	12	2170	34	<5	<20	23	0.14	<10	<1	<10	12	219
113	KC04L03 5+00E	5	0.7	2.23	<5	205	<5	0.23	<1	8	16	8	2.09	30	0.33	1170	<1	0.01	9	3940	26	<5	<20	25	0.10	<10	<1	<10	8	212
114	KC04L03 5+25E	5	0.2	2.15	<5	175	<5	0.28	<1	9	16	6	2.05	20	0.31	976	<1	0.01	11	2770	28	<5	<20	31	0.10	<10	<1	<10	8	230
115	KC04L03 5+50E	10	<0.2	1.61	<5	95	<5	0.24	<1	9	18	15	2.62	30	0.53	403	<1	<0.01	8	1100	26	<5	<20	16	0.10	<10	<1	<10	8	178
116	KC04L03 5+75E	10	0.2	1.71	<5	80	<5	0.25	<1	9	18	16	2.85	30	0.58	446	1	<0.01	8	1200	26	<5	<20	21	0.11	<10	<1	<10	9	193
117	KC04L03 6+00E	10	<0.2	1.79	<5	80	<5	0.13	<1	9	21	19	2.81	30	0.60	407	2	<0.01	9	540	30	<5	<20	24	0.12	<10	<1	<10	7	180
118	KC04L03 6+25E	5	0.2	1.63	<5	90	<5	0.21	<1	8	15	11	2.13	30	0.41	345	2	<0.01	8	1350	22	<5	<20	17	0.10	<10	<1	<10	7	149
119	KC04L03 6+50E	5	0.3	1.97	<5	205	<5	0.18	2	10	16	9	2.23	20	0.29	2073	1	<0.01	7	3890	26	<5	<20	15	0.12	<10	<1	<10	6	212
120	KC04L03 6+75E	5	0.6	2.26	<5	100	<5	0.15	<1	12	19	16	2.66	80	0.34	948	1	0.01	7	1000	34	<5	<20	22	0.12	<10	<1	<10	19	124
121	KC04L03 7+00E	5	0.3	1.64	<5	210	<5	0.23	1	9	16	12	2.17	20	0.37	1259	1	0.01	7	2340	26	<5	<20	29	0.10	<10	<1	<10	6	236
122	KC04L03 7+25E	10	0.4	2.67	<5	120	5	0.19	<1	11	16	11	2.15	40	0.25	1629	2	0.01	8	2150	34	<5	<20	22	0.11	<10	<1	<10	12	176
123	KC04L03 7+50E	5	0.5	2.70	<5	85	<5	0.10	<1	15	18	11	2.28	50	0.24	1788	2	0.01	9	1420	34	<5	<20	10	0.13	<10	<1	<10	15	120
124	KC04L03 7+75E	5	0.2	2.93	<5	155	5	0.17	<1	11	18	7	2.48	20	0.39	911	2	0.01	9	2640	32	<5	<20	17	0.14	<10	<1	<10	7	165
125	KC04L03 8+00E	5	0.2	2.98	<5	120	<5	0.19	<1	11	19	7	2.51	30	0.37	1018	<1	0.01	7	2270	32	<5	<20	20	0.15	10	<1	<10	9	136
126	GHKC04S-01	5	<0.2	0.68	<5	40	<5	0.46	<1	6	9	4	1.40	20	0.30	289	<1	0.01	4	1370	8	<5	<20	19	0.06	<10	2	<10	6	50

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	KC04L01 0+00	-	0.2	1.89	<5	160	<5	0.16	<1	10	13	6	1.61	10	0.14	873	2	0.01	8	2790	18	<5	<20	17	0.11	<10	<1	<10	4	119
9	KC04L01 2+00W	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	KC04L01 2+25W	-	<0.2	1.65	<5	100	<5	0.38	<1	8	14	4	1.88	10	0.34	300	1	0.01	7	3050	16	<5	<20	28	0.10	<10	<1	<10	5	92
14	KC04L01 3+25W	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	KC04L01 4+50W	-	0.2	1.52	5	105	<5	0.18	<1	7	11	4	1.50	10	0.18	274	<1	0.01	5	2610	28	<5	<20	13	0.09	<10	<1	<10	3	52
21	KC04L01 5+00W	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	KC04L01 6+75W	-	0.2	1.31	<5	90	5	0.22	<1	10	16	4	2.27	20	0.46	344	2	0.01	6	1310	14	<5	<20	20	0.14	<10	<1	<10	4	108
34	KC04L01 8+25W	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	KC04L01 8+75W	5	<0.2	1.12	<5	60	<5	0.32	<1	8	12	4	1.75	20	0.40	250	<1	0.01	6	1390	10	<5	<20	17	0.09	<10	<1	<10	5	66
45	KC04L01 11+00W	5	0.3	2.04	<5	195	10	0.19	<1	10	14	7	1.57	20	0.26	952	1	0.01	9	2230	22	<5	<20	16	0.12	<10	<1	<10	8	276
54	KC04L01 13+25W	-	0.2	2.14	<5	205	<5	0.32	<1	9	15	7	1.90	20	0.32	1059	<1	0.01	9	3160	26	<5	<20	42	0.11	<10	<1	<10	8	210
61	KC04L02 0+75E	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	KC04L02 1+25E	-	0.3	2.20	<5	285	5	0.30	<1	10	17	9	2.42	20	0.47	1010	1	0.01	8	2480	24	<5	<20	38	0.14	<10	<1	<10	8	186
64	KC04L02 1+50E	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	KC04L02 3+25E	-	0.3	2.13	<5	210	<5	0.23	<1	10	18	12	2.49	30	0.43	1365	<1	0.01	10	2700	28	<5	<20	33	0.11	<10	<1	<10	9	266
77	KC04L02 4+75E	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	KC04L02 5+50E	-	0.2	1.67	<5	210	<5	0.25	<1	9	15	7	2.10	20	0.35	771	<1	0.01	8	2220	26	<5	<20	26	0.11	<10	<1	<10	6	154
81	KC04L02 5+75E	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	KC04L02 7+75E	-	0.2	2.41	<5	115	5	0.27	<1	11	18	11	2.50	20	0.44	394	2	0.01	10	1420	26	<5	<20	19	0.15	<10	<1	<10	9	216
94	KC04L03 0+25E	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	KC04L03 1+25E	<5	0.2	1.66	<5	95	<5	0.22	<1	7	15	5	1.98	20	0.34	400	<1	<0.01	7	1360	20	<5	<20	19	0.09	<10	<1	<10	6	116
106	KC04L03 3+25E	5	0.4	2.30	<5	205	5	0.19	<1	9	16	6	2.03	20	0.28	1425	1	0.01	11	3130	28	<5	<20	20	0.11	<10	<1	<10	7	266
115	KC04L03 5+50E	-	<0.2	1.66	<5	100	<5	0.23	<1	9	18	16	2.69	30	0.54	419	<1	<0.01	8	1040	26	<5	<20	18	0.11	<10	<1	<10	8	182
116	KC04L03 5+75E	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	KC04L03 7+75E	-	0.2	2.90	<5	160	<5	0.18	<1	11	18	7	2.46	20	0.38	923	1	0.01	8	2660	32	<5	<20	18	0.14	<10	<1	<10	7	164

BOOTLEG EXPLORATION INC. **ICP CERTIFICATE OF ANALYSIS AK 2004-241** **ECO TECH LABORATORY LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
GEO '04		135	1.4	1.49	50	130	<5	1.51	<1	18	52	86	3.23	10	0.89	582	<1	0.02	28	650	24	<5	<20	46	0.08	<10	67	<10	8	68
GEO '04		135	1.4	1.51	60	135	<5	1.54	<1	19	57	84	3.36	10	0.89	594	<1	0.02	28	660	22	<5	<20	45	0.09	<10	63	<10	9	72
GEO '04		135	1.4	1.48	55	140	<5	1.55	<1	19	56	84	3.33	10	0.88	597	<1	0.02	31	660	26	<5	<20	48	0.08	<10	67	<10	9	72
GEO '04		135	1.4	1.51	50	140	<5	1.53	<1	18	56	84	3.32	10	0.87	599	<1	0.02	30	680	26	<5	<20	45	0.09	<10	65	<10	9	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/241
XLS/04

5-May-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2004-242

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 14
Sample type: Silt
Project #: Kokanee Creek
Shipment #: K04-01

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	BRKC04S-1	5	<0.2	0.61	<5	45	<5	0.64	<1	7	9	7	1.21	20	0.25	231	<1	0.01	5	2390	14	<5	<20	18	0.06	<10	3	<10	8	42
2	BRKC04S-2	<5	<0.2	1.24	<5	80	<5	0.46	<1	7	12	6	1.57	30	0.34	427	<1	0.01	7	1470	22	<5	<20	27	0.09	<10	<1	<10	10	60
3	BRKC04S-3	10	<0.2	0.98	<5	70	<5	0.50	<1	7	12	5	1.51	20	0.35	318	<1	0.01	4	1530	12	<5	<20	21	0.08	<10	<1	<10	8	47
4	BRKC04S-4	<5	<0.2	0.94	<5	75	<5	0.62	<1	6	11	10	1.42	40	0.34	618	<1	0.01	7	1160	26	<5	<20	57	0.06	<10	2	<10	8	57
5	BRKC04S-5	10	<0.2	0.83	<5	55	<5	0.58	<1	7	11	4	1.58	20	0.34	433	<1	0.01	5	1690	14	<5	<20	29	0.07	<10	5	<10	7	53
6	BRKC04S-6	10	<0.2	0.86	<5	55	<5	0.37	<1	7	11	6	1.61	30	0.37	343	<1	<0.01	4	900	14	<5	<20	24	0.09	<10	<1	<10	6	63
7	BRKC04S-7	5	0.3	1.00	<5	70	<5	0.47	<1	6	11	8	1.49	60	0.30	421	<1	0.01	7	670	20	<5	<20	53	0.07	<10	1	<10	15	83
8	BRKC04S-8	10	<0.2	0.87	<5	60	<5	0.43	<1	8	12	4	1.75	30	0.44	344	2	<0.01	5	1120	12	<5	<20	24	0.10	<10	<1	<10	7	70
9	BRKC04S-9	10	0.2	0.90	<5	75	<5	0.68	2	7	18	7	1.74	30	0.45	353	1	0.01	14	590	22	<5	<20	58	0.11	<10	<1	<10	7	129
10	BRKC04S-10	5	0.4	1.70	<5	135	<5	0.45	<1	8	17	12	2.37	60	0.48	792	<1	0.01	8	1120	36	5	<20	68	0.10	<10	<1	<10	19	134
11	BRKC04S-11	10	0.7	1.15	<5	90	<5	0.47	<1	8	14	8	1.99	50	0.43	459	1	<0.01	7	1480	22	<5	<20	39	0.09	<10	<1	<10	13	95
12	BRKC04S-12	10	0.3	1.24	<5	90	<5	0.41	<1	7	12	8	1.71	60	0.32	596	<1	<0.01	6	700	30	<5	<20	57	0.08	<10	<1	<10	16	94
13	BRKC04S-13	5	<0.2	0.74	<5	45	<5	0.31	2	5	8	6	1.31	30	0.26	304	<1	<0.01	5	640	14	<5	<20	28	0.07	<10	<1	<10	7	171
14	BRKC04S-14	5	<0.2	0.87	<5	50	<5	0.38	<1	7	10	4	1.59	30	0.34	424	1	<0.01	4	850	16	<5	<20	24	0.08	<10	<1	<10	6	55

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	BRKC04S-1	5	<0.2	0.62	<5	40	<5	0.61	<1	7	9	5	1.24	30	0.25	235	<1	0.01	5	2170	10	<5	<20	16	0.06	<10	5	<10	8	42
10	BRKC04S-10	-	0.4	1.65	<5	140	<5	0.45	<1	8	16	12	2.35	70	0.48	817	<1	<0.01	8	1110	34	<5	<20	72	0.10	<10	<1	<10	20	131

Standard:

Standard	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
GEO '04	135	1.4	1.40	60	145	<5	1.82	<1	22	66	84	3.95	<10	0.81	662	<1	0.01	30	760	22	<5	<20	53	0.10	<10	50	<10	10	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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APPENDIX IV

CONDOR CONSULTING GEOPHYSICAL REPORT

REPORT ON REPROCESSING AND INTERPRETATION

of

KOKANEE CREEK VTEM DATA

for

EAGLE PLAINS RESOURCES INC.

February 2005

Condor Consulting
Lakewood Colorado
USA

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1. INTRODUCTION

At the request of Mr. Chris Gallagher of Eagle Plains Resources Ltd. (Eagle Plains), VTEM EM and magnetic data over the Kokanee Creek area have been reprocessed by Condor Consulting, Inc. (Condor) to produce conductivity depth images (CDI), together with a number of image enhancements of the EM and magnetic data. Kokanee Creek is located near Nelson, B.C. Canada.

The inversions to produce CDIs were carried out using EM Flow software. Details are provided in Section 3 below.

Correlation of these CDI sections and images with known geology will assist Eagle Plains in further exploration. The Kokanee Creek property shows considerable promise for hosting Britannia-type (roof-pendant) mineralization, with gold-silver-lead–zinc.

Detailed interpretation of the data by Condor was not part of the processing contract, but some general comments about the significance of the data are included below.

2. CLIENT PROVIDED DATA

The VTEM survey was flown on March 29, 2004 (Geotech 2004).

Eagle Plains provided the VTEM database for the project. A map showing the distribution of the flight lines is shown in Fig. 1. The Kokanee Creek survey area covered 5.93 km^2 and comprised 24 lines and six tie lines, totaling 78 line km.

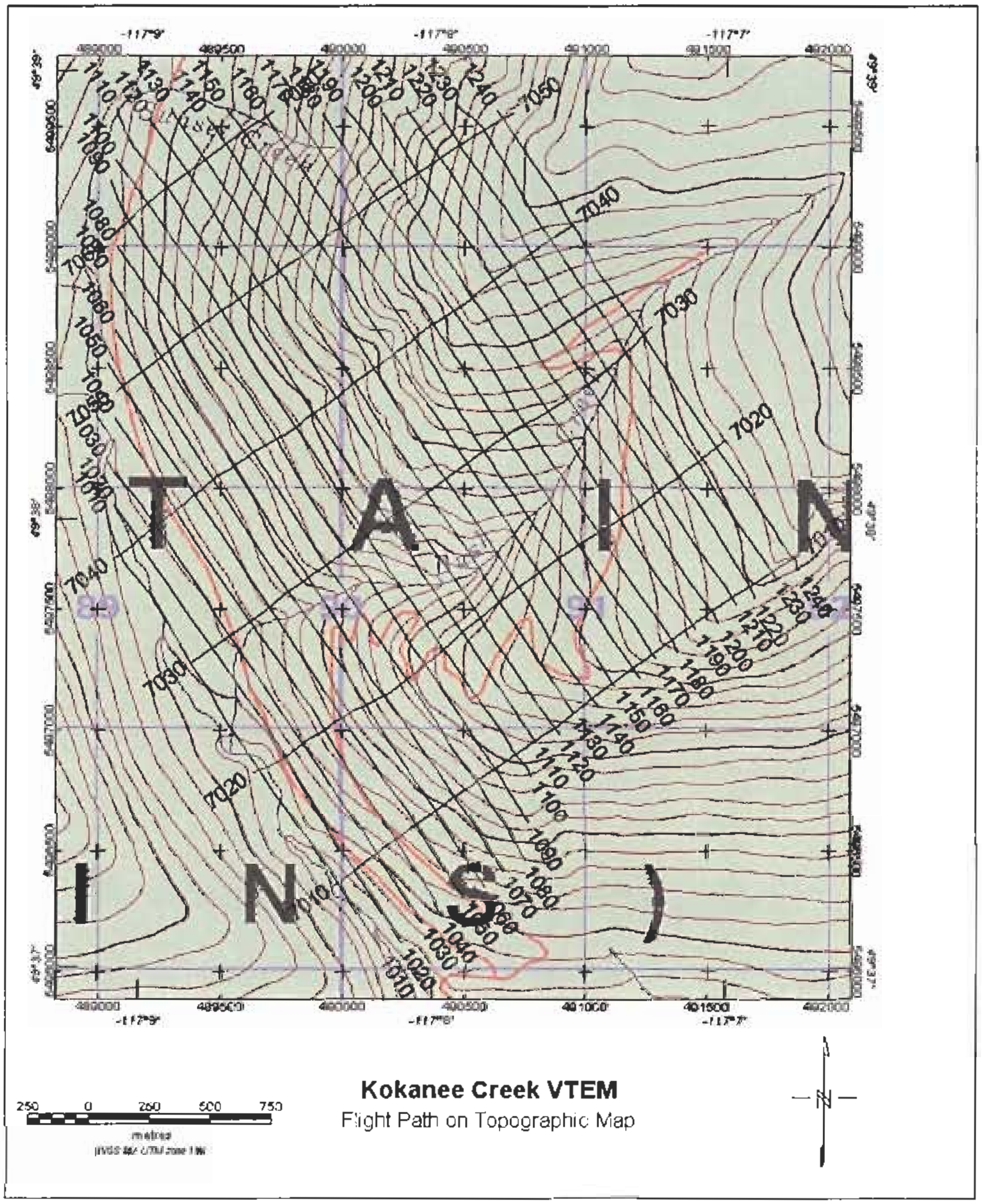


Figure 1 Kokanee Creek VTEM. Flight path superimposed on topographic map.

The nominal flight line spacing was 100 m. The nominal EM bird terrain clearance was 35 m, but as the terrain is rugged with a total elevation difference of approximately 1150 m (from 686-1839 m) the pilot could not maintain a close drape and the average bird altitude was 75 m (with a range of 37-161 m).

The data is generally of good quality. On portions of some lines the magnetic data exhibits noise (e.g. line 1170 and tie line 7040) that may be due to bird swing. This is highlighted on the 1st vertical derivative profiles, but fortunately has not significantly affected the magnetic images.

3. EM PROCESSING

3.1 EM Flow

This method was developed by Macnae et al (1998) and is commercially available through Encom technology. Data is transformed to time-constant tau space, which has the effect of removing the waveform dependence of the AEM response. The distribution of conductivity with depth is calculated, using layers of uniform thickness, at each fiducial along the line. In the present study, the layers were 5 m thick from the surface to a depth of 400 m. The individual inversions are 1D (i.e. assume uniform layering) but these are "stitched" together to form a continuous CDI along the length of the line.

Due to the nature of the algorithm, flat lying conductors are more likely to be imaged at their proper depth whereas steeply dipping conductors tend to be imaged deeper than their actual depth. Whenever possible, conductor depths on CDI images should be calibrated with local geological control.

3.2 AdTau Time Constant

The AdTau program that calculates the time constant (tau) from time domain decay data. The program is termed ***<u>Ad</u>***Tau since rather than using a fixed suite of channels is commonly done, the user sets a noise level and depending on the local characteristics of the data, the program will then select the suite of channels that fits these noise criteria. In resistive areas, earlier channels tend to be used where as in conductive terrains; the latest channels available can generally be used.

Figure 2 shows a typical decay fit; in this case, the last five channels are used.

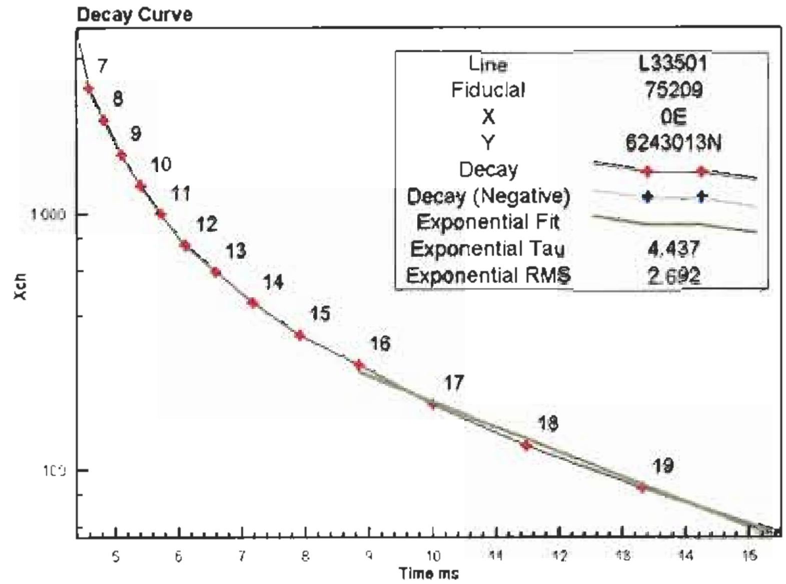


Figure 2. Calculation of AdTau time constant

The AdTau value is a measure of the conductivity and size (volume) of the conductive body.

4. PRODUCTS

4.1 Plan Products

Maps showing images of the following survey parameters were produced, each showing the VTEM flight path. These are included in Appendix B.

- DEM (from VTEM))
- ZCh 6 (190 us) amplitude
- AdTau time constant, using threshold of 0.02 pV/Am^4

- TMI magnetics
- TMI magnetics – sun shaded from northwest
- Mag – reduced to the pole
- Mag – reduced to the pole with 1st vertical derivative
- Mag – Analytic Signal

4.2 MultiPlots™

MultiPlots™ (produced using Encom's Profile Analyst (PA) application) were produced for each survey line at a scale of 1:15,000 - these are included in Appendix C. They display a variety of primary and derived data from the survey.

Each MultiPlot™ displays the following information:

- VTEM profiles for channels 6-27 (190-6340 us after the end of the pulse)
- TMI magnetics and 1st vertical derivative
- DEM and bird height
- AdTau profiles using threshold 0.02 pV/Am^4
- Trackmap showing flight line on topographic map

5. VTEM ANOMALY RESPONSES

The basic anomaly shapes for the VTEM concentric loop geometry (for both the Z and X components) are shown in the Figure 3 below. (Note, however, that only the Z component is acquired by the present VTEM system.) For the Z-component, two major response styles are observed from bedrock conductors - these are termed the inductively thin and thick responses.

In geophysical terms, the major difference between these two categories of responses is that in the thin case, the dominant induced current flow is along the sides of the body whereas for the thick response (& the horizontal conductor case) the currents are primarily constrained to the top of the body.

The thin response produces a double–peaked or "M"-shaped response with the low centered over the top of the body - Condor refers to this as a Double Peak Response or **DPR.** The thick conductor shows a single peak directly over the top of the conductor - Condor refers to this as a Single Peak Response or **SPR**. The third category of primary response, that derived from sources that are primarily horizontal to the surface are termed a Horizontal Conductive Response or **HCR**. Note that the anomaly shape of the HCR response and SPR are similar, although the HCR shows broader flanks.

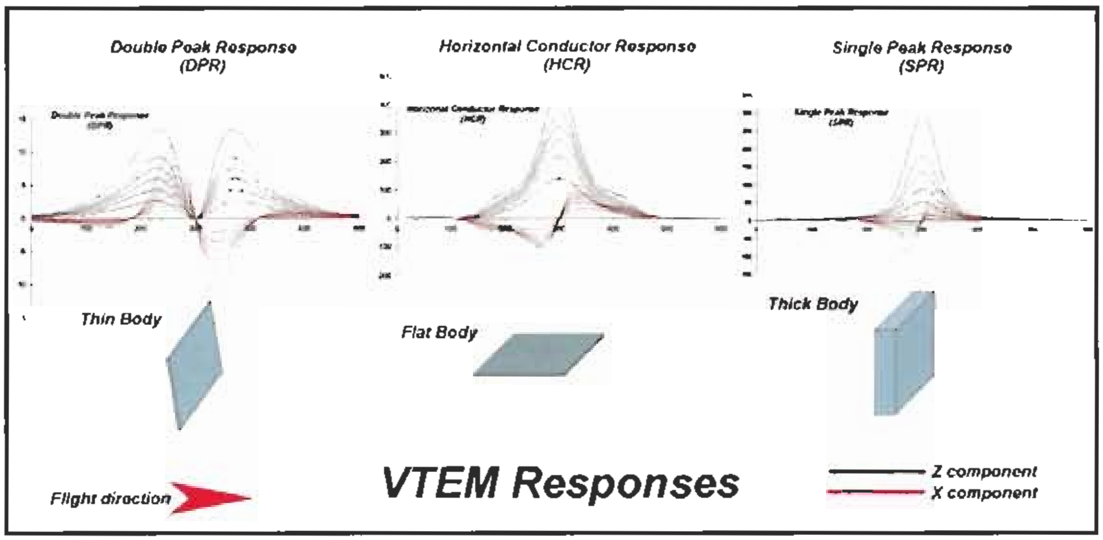


Figure 3. VTEM response characteristics.

The two lobes of DPR will show a symmetric response for a vertically dipping conductor. This will become asymmetric as the conductor starts to dip. This effect is shown in Figure 4, for a conductor at 30 and 60 degrees.

A more comprehensive set of model VTEM anomaly responses for thin-plate conductors, showing the effects of both dip and depth, is included in Appendix A.

If the X-component is available, the anomaly shape for all three cases discussed above is a cross-over. Diagnostic information is obtained in this case from the polarity and slope of the cross-over.

Field data can typically be a mixture of all the major response types. Experience, CDI processing and sometimes an assessment of magnetic survey results are usually required to arrive at a satisfactory interpretation, especially in complex situations.

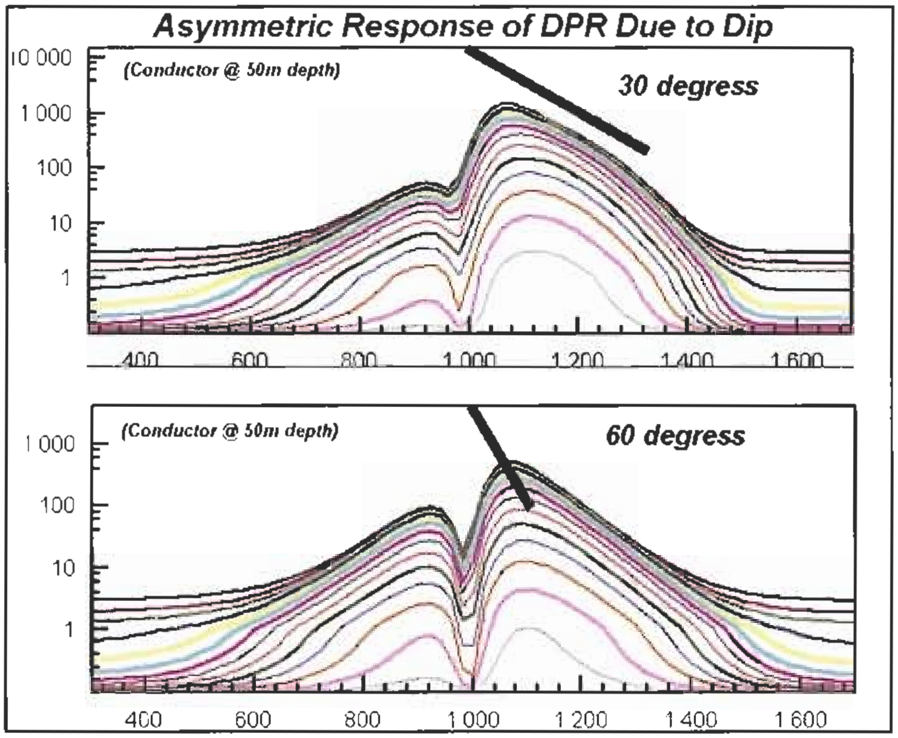


Figure 4. Effect of conductor dip on VTEM response

Examples of field VTEM profiles and corresponding CDIs for three different conductor types are shown in Figures 5, 6 and 7. Figure 5 shows a DPR response due to an inductively thin, vertically-dipping conductor. Figure 6 shows the responses of two, similar, DPR resp[onses due to thin conductors dipping to the right of the section. Figure 7 shows an SPR response on the left, due to an inductively thick steep-dipping conductor, while on the right a wide conductor response is displayed. In the latter, note that the conductivity extends to depth on the CDI, indicating that the conductor has considerable depth extent.

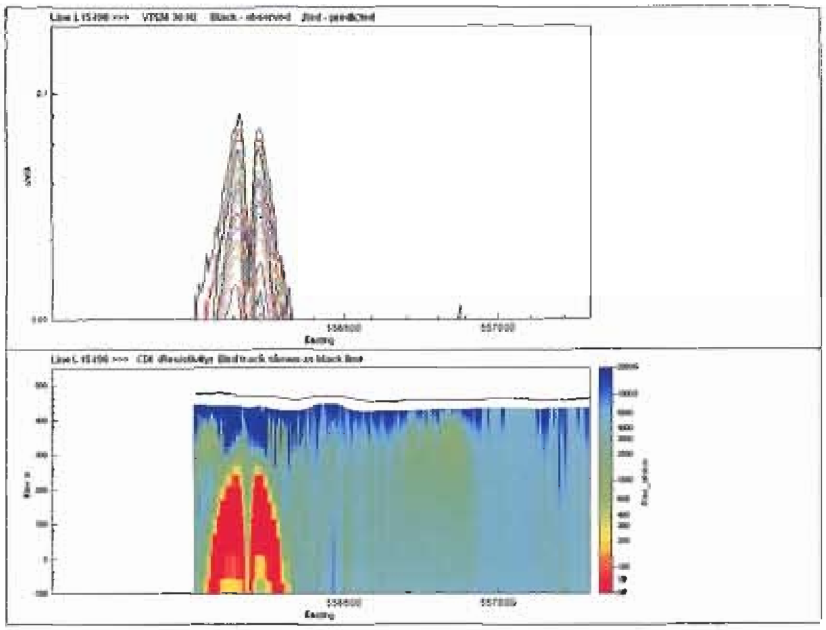


Figure 5. Example of VTEM vertical DPR response

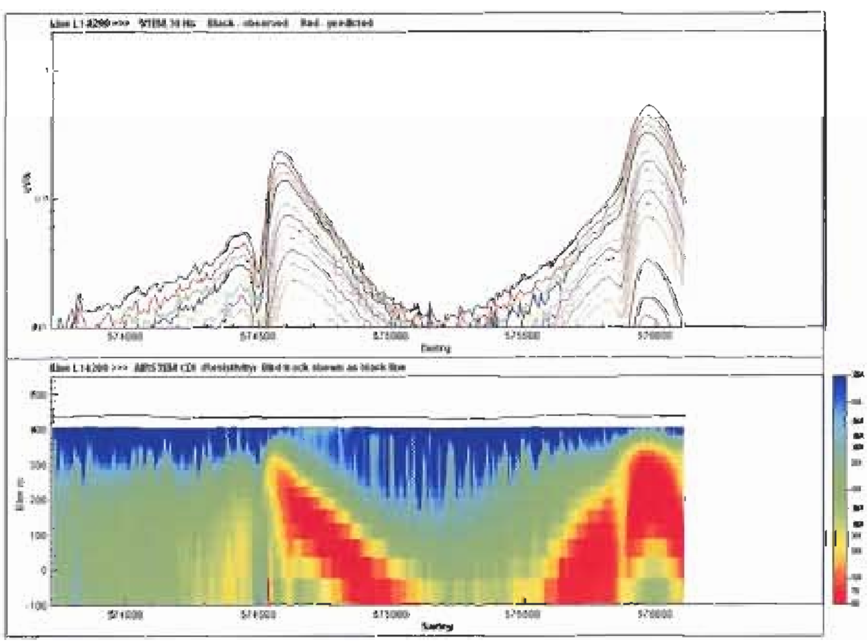


Figure 6. Examples of VTEM dipping DPR responses (dip is to the right)

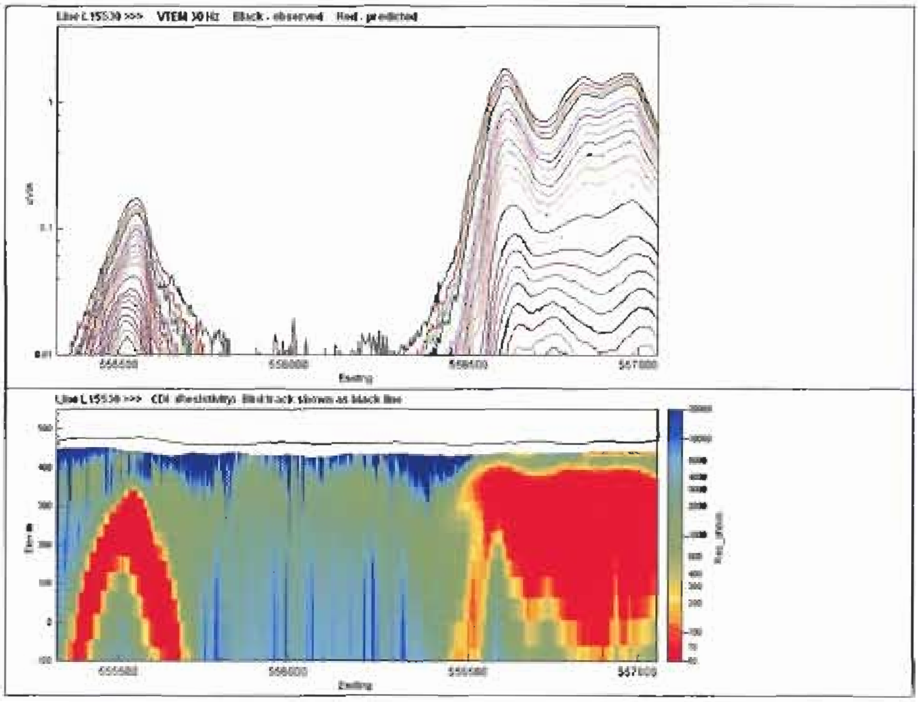


Figure 7. Examples of VTEM SPR and wide conductor responses

6. DISCUSSION

As mentioned previously, the AdTau value is a measure of the conductivity and size (volume) of a conductive body and so is often the most appropriate data for selecting targets for further follow up. Figure 8 shows the AdTau image for the survey.

Only two significant anomalies are evident, labeled Anomaly A and Anomaly B.

6.1 Anomaly A

This anomaly is relatively strong, but occurs on only three lines: 1010, 1020 and a weaker response on 1030. The peak AdTau value of approximately 1.2 ms is observed on Line 1020. On all three lines, the conductor correlates with a local

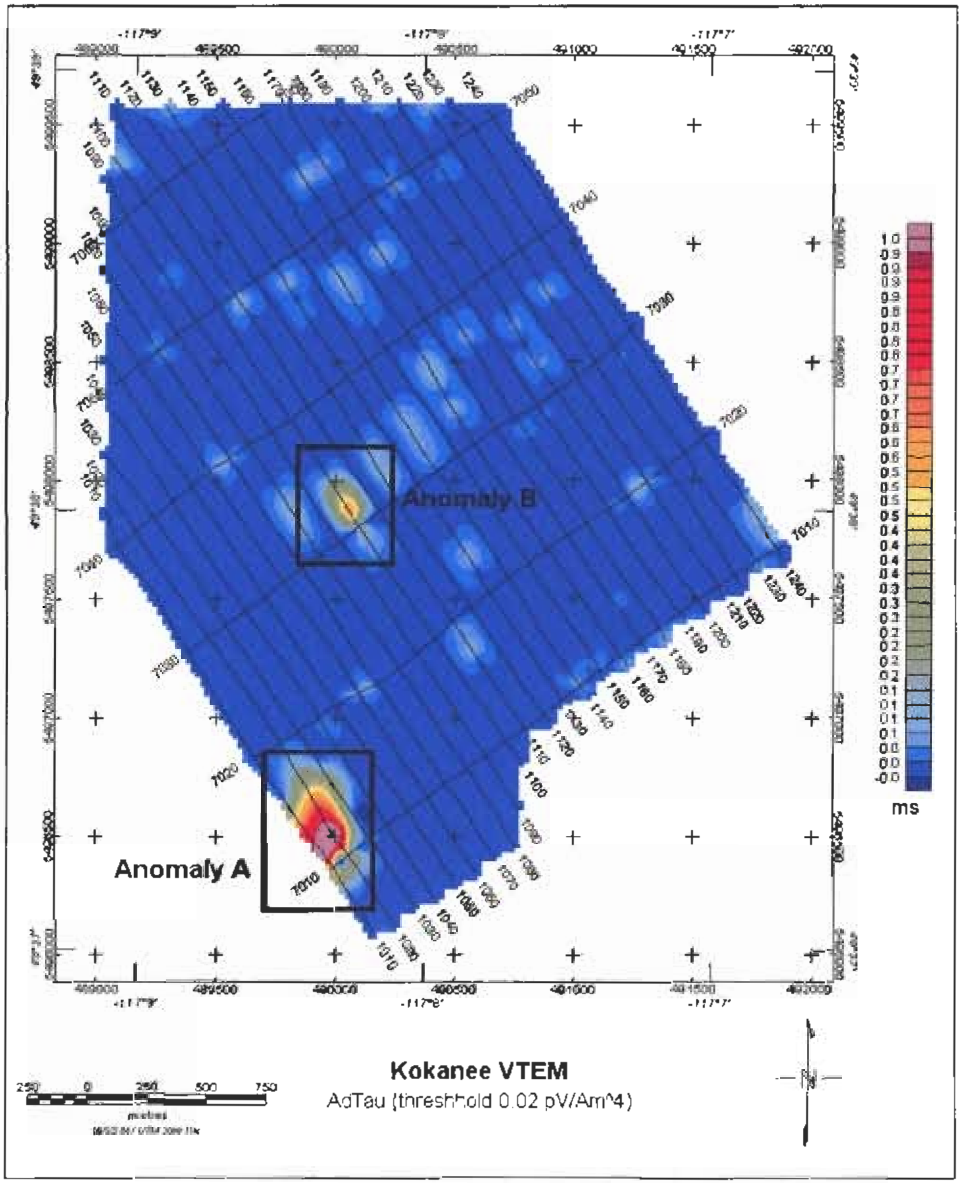


Figure 8. AdTau time constant image (threshold 0.02 pV/Am^4)

magnetic anomaly that is most evident on the 1st vertical derivative profile. The conductor extends outside the survey area. The anomaly is of the SPR type (see Section 5) indicating that it has significant width and it appears to be shallow.

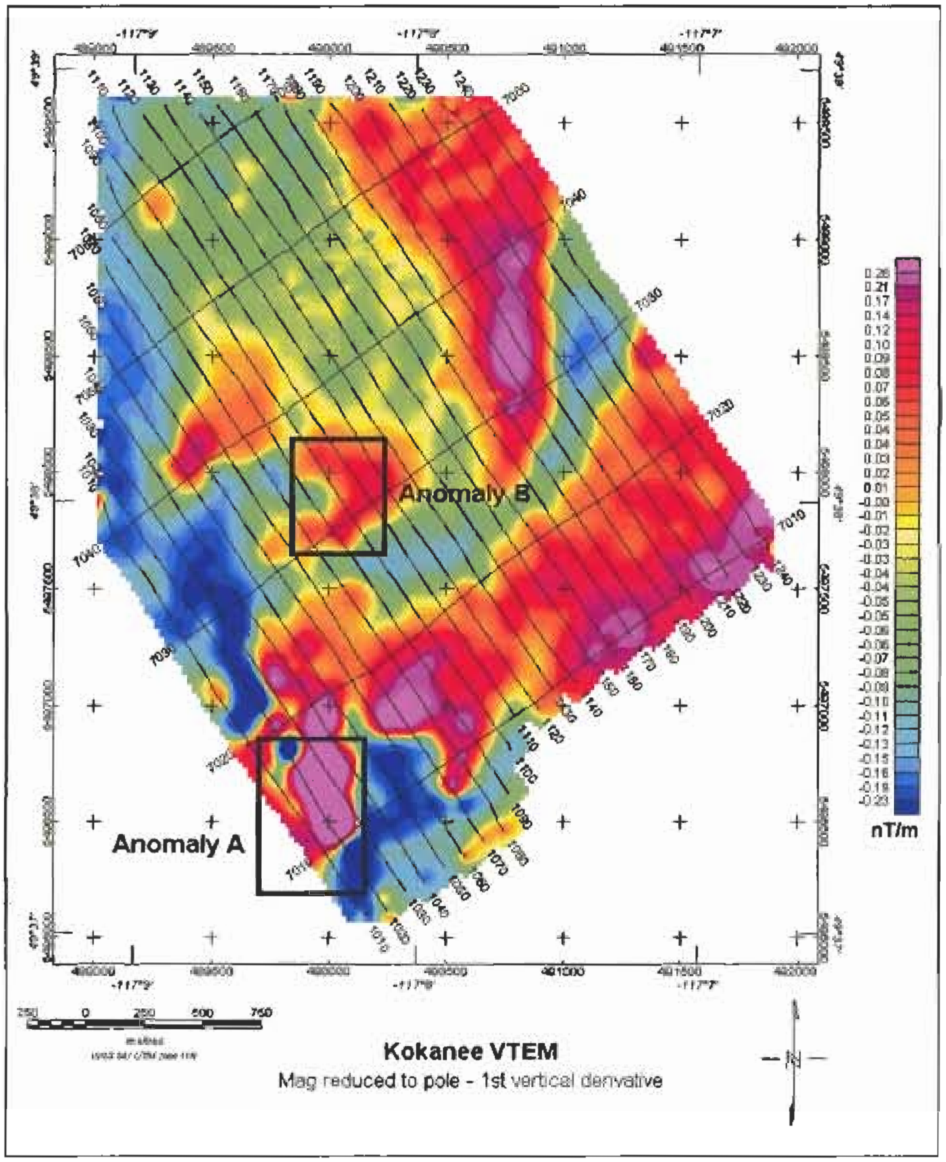


Figure 9 Magnetics - 1st vertical derivative of RTP

The MultiPlot™ of Line 1020 is shown in Figure 10. Anomaly A is located near the right-hand end of the profile near 490000E – the peak on the EM channel profiles correlates with a prominent AdTau anomaly and with a local magnetic anomaly, best recognized on the 1st vertical derivative profile.

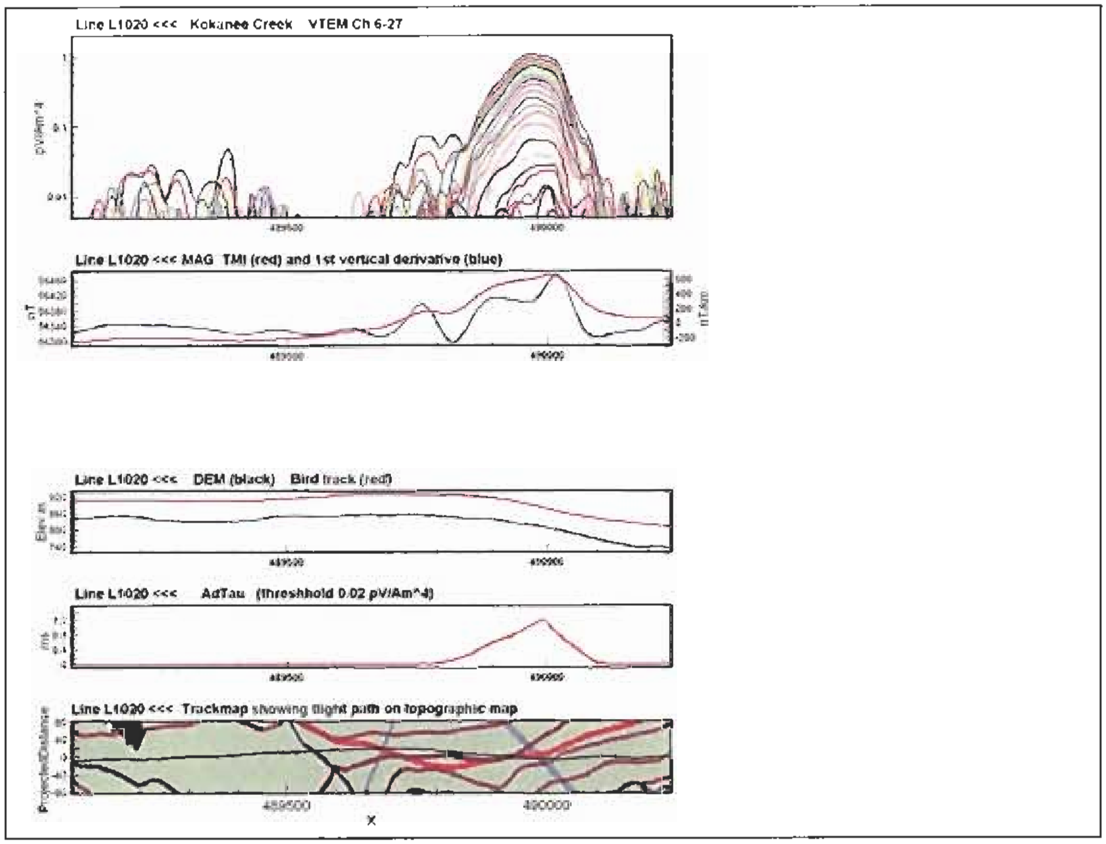


Fig. 10 MultiPlot^{TM} of line 1020, showing Anomaly A

6.2 Anomaly B

This conductor is weaker than Anomaly A and is defined on only a single line (1100). This indicates that the strike length is less than 100m and so is less likely to be economically significant. The peak AdTau is approximately 0.6 ms. It does not have direct magnetic association on the 1st vertical derivative profile, although the conductor correlates with a broad TMI anomaly - this may be fortuitous.

The MultiPlot^{TM} of Line 1100 is shown in Figure 11.

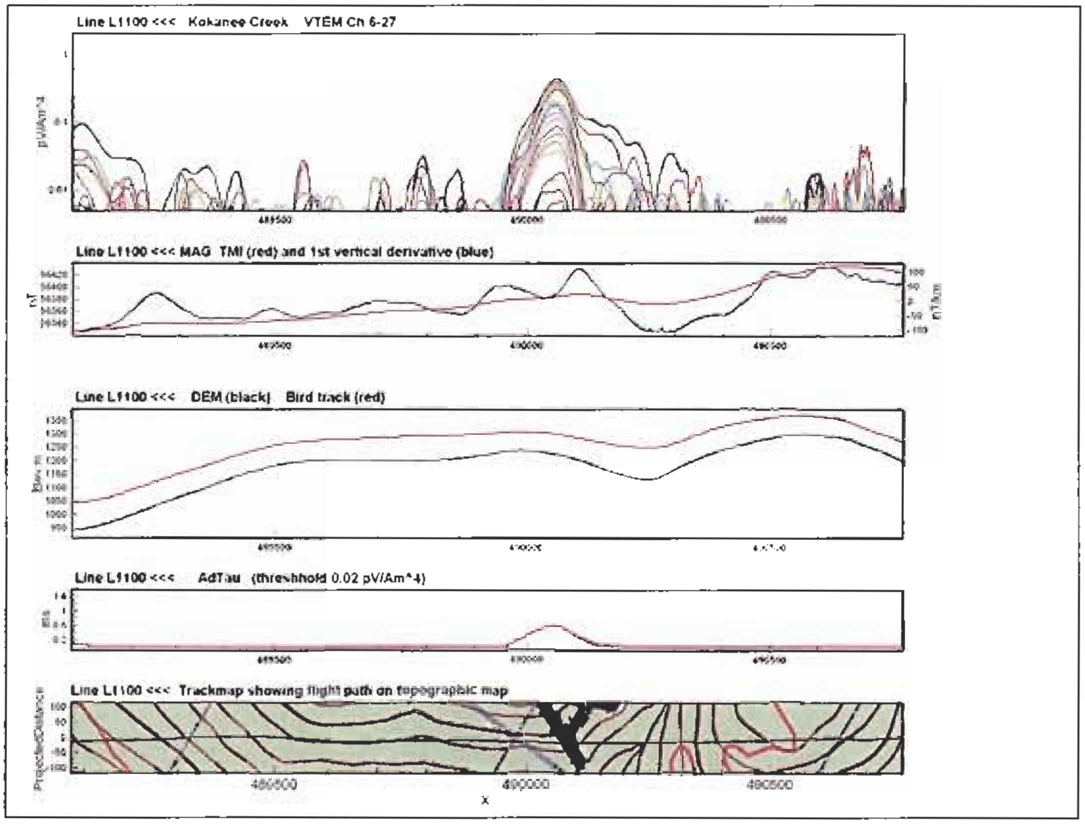


Fig. 11 MultiPlot™ of line 1100, showing Anomaly B

7. CONCLUSIONS

The Kokanee Creek VTEM data has been processed and carefully evaluated – two significant anomalous zones have been defined.

Anomaly A is relatively strong (peak AdTau of 1.2 ms and direct magnetic association) and warrants ground follow up. It extends outside the VTEM survey area and so may be significantly larger than indicated here.

Anomaly B is weaker, does not have direct magnetic association and occurs on only a single line, so is less likely to be of economic significance.

Ground EM and magnetic follow up is recommended on Anomaly A, to define the extent of the conductor beyond the edge of the VTEM survey and to determine the optimal location for possible drill testing.

Respectfully submitted

Condor Consulting, Inc.

April 15, 2005

8. REFERENCES

Geotech Ltd. (2004) Report on a helicopter-borne time domain electromagnetic geophysical survey: Six Block Surveys, Cranbrook Area, BC, Canada, for Eagle Plains Resources. May 2004.

Macnae, J., King, A., Stolz, N., Osmakoff. and Blaha, A. (1998) Fast AEM data processing and inversion. Exploration Geophysics, Vol 29, pp163-169.

APPENDIX A - VTEM Geometric Modeling

In order to better understand how the co-incident loop geometry used by the VersaTEM system responses to typical targets, a series of models have been generated using the Raiche AMIRA 223 codes. These are preliminary results and further work should be done to model both more varied geometric shapes as well as incorporate the details of the new waveform once established along with the corresponding noise levels[1].

Modeling Suite

For the study, only plates in a very resistive host (10,000 Ω-m) were modeled using Leroi_Air. The study is broken up into four parts. The key attributes of each suite are summarized below.

Part 1: Target Size- 300 m depth extent; 600 m strike length; Conductance 20 S

- Plate 1: Dip 30°; depths 5, 50, 100 & 200 m
- Plate 2: Dip 60°; depths 5, 50, 100 & 200 m
- Plate 3: Dip 90°; depths 5, 50, 100 & 200 m

Part 2: Target Size- 300 m depth extent; 600 m strike length; Conductance 20 S

- Plate 4: Depth = 5 m, dip = 30°, 60° & 90°
- Plate 5: Depth = 200 m, dip = 30°, 60° & 90°

Part 3: Target Size- 300 m by 300 m; dip 0° (horizontal); Conductance 50 S

- Plate 6: Depth = 50, 100, 150, 200, 250 m

Part 4: Depth = 50 m, Conductance 20 S

- Plate 7a: Dip = 90°; Target: 600 m by 300 m, 400 m by 200 m, 200 m by 100 m and 100 m by 50 m
- Plate 7b: Dip = 45°; Target: 600 m by 300 m, 400 m by 200 m, 200 m by 100 m and 100 m by 50 m

[1] The initial Tx design experienced higher than optimal noise at early times due to small current flows in the Tx circuit FETs.

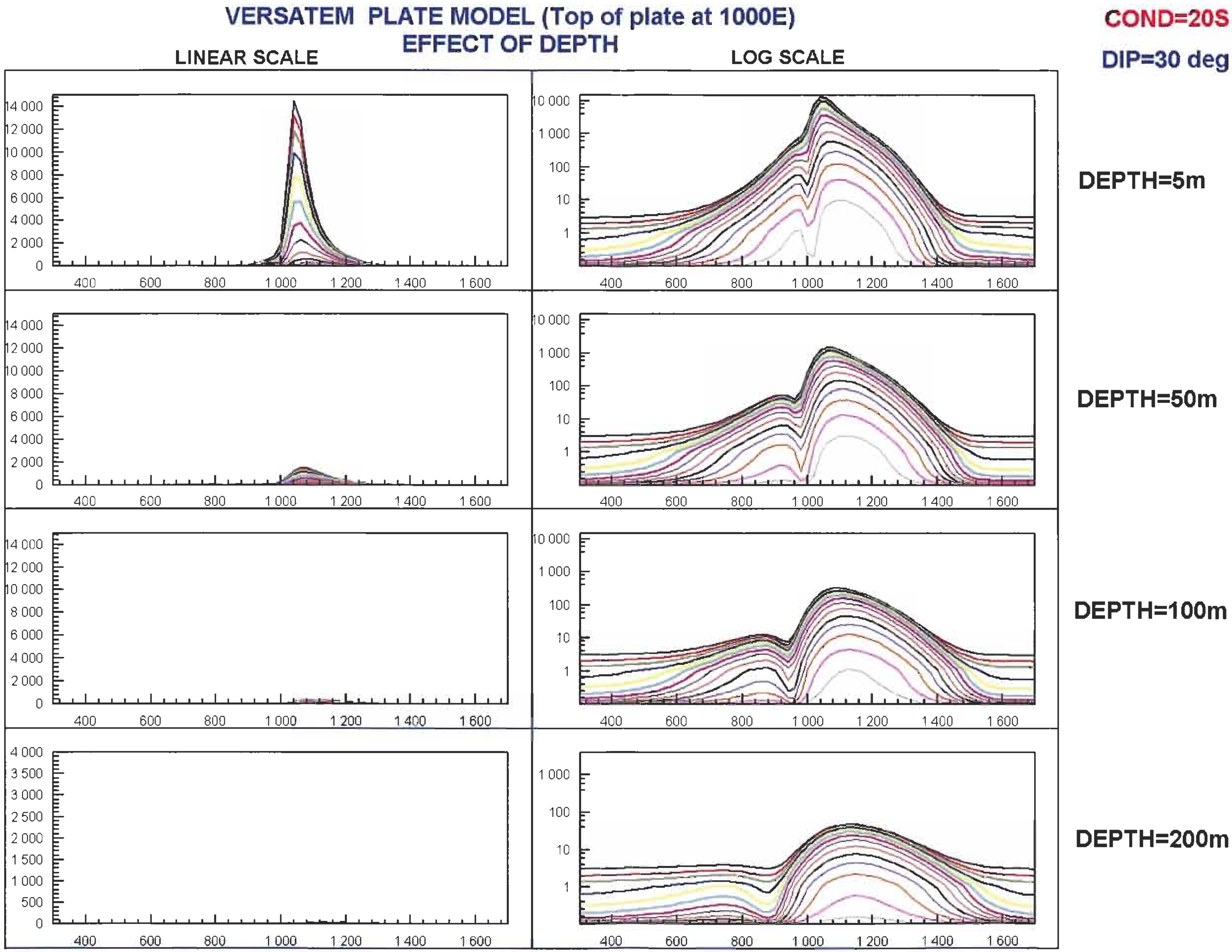
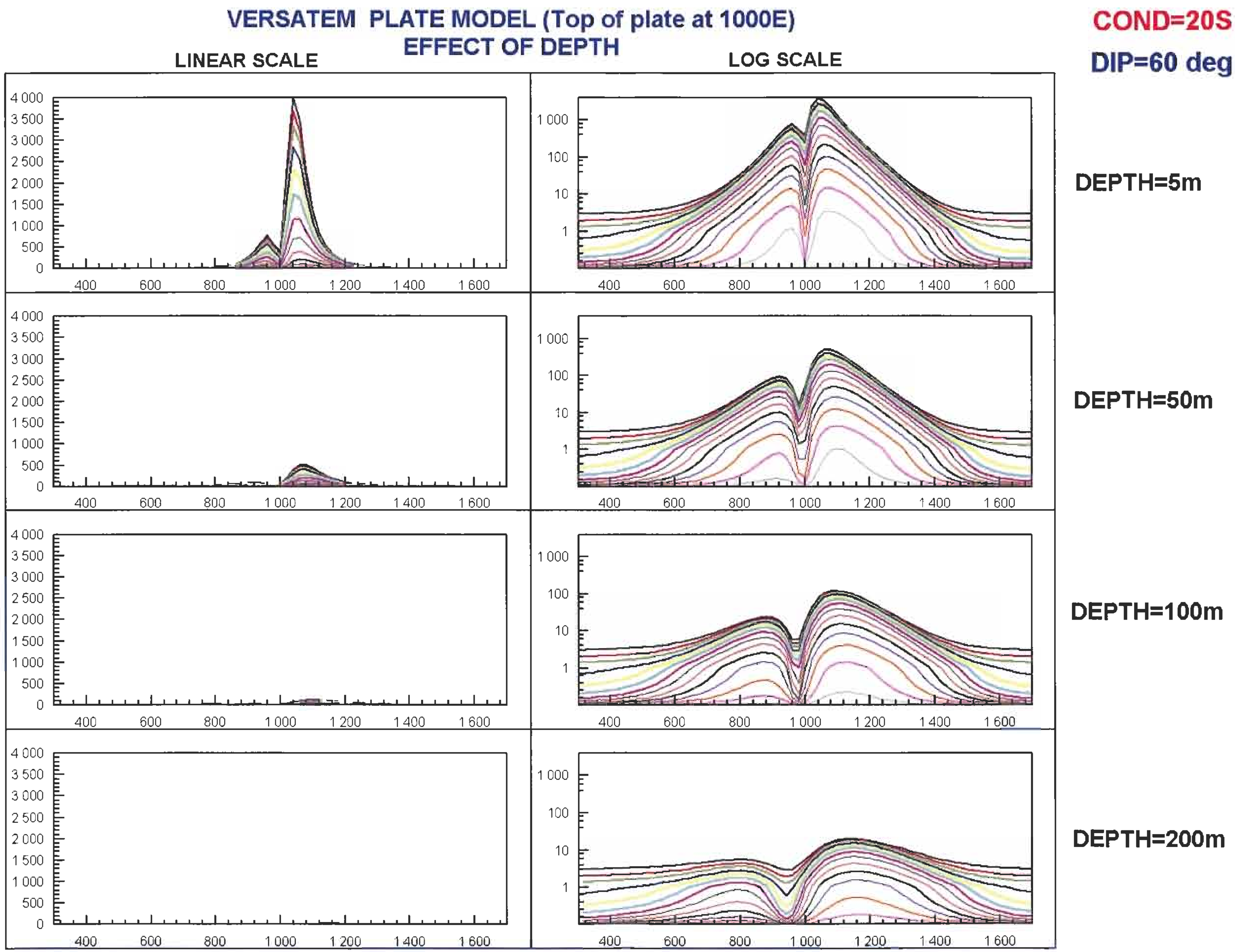

VERSATEM PLATE MODEL (Top of plate at 1000E)
EFFECT OF DEPTH
LINEAR SCALE
LOG SCALE
COND=20S
DIP=30 deg
DEPTH=5m
DEPTH=50m
DEPTH=100m
DEPTH=200m

Plate 1



VERSATEM PLATE MODEL (Top of plate at 1000E)
EFFECT OF DEPTH
LINEAR SCALE
LOG SCALE
COND=20S
DIP=60 deg
DEPTH=5m
DEPTH=50m
DEPTH=100m
DEPTH=200m

Plate 2

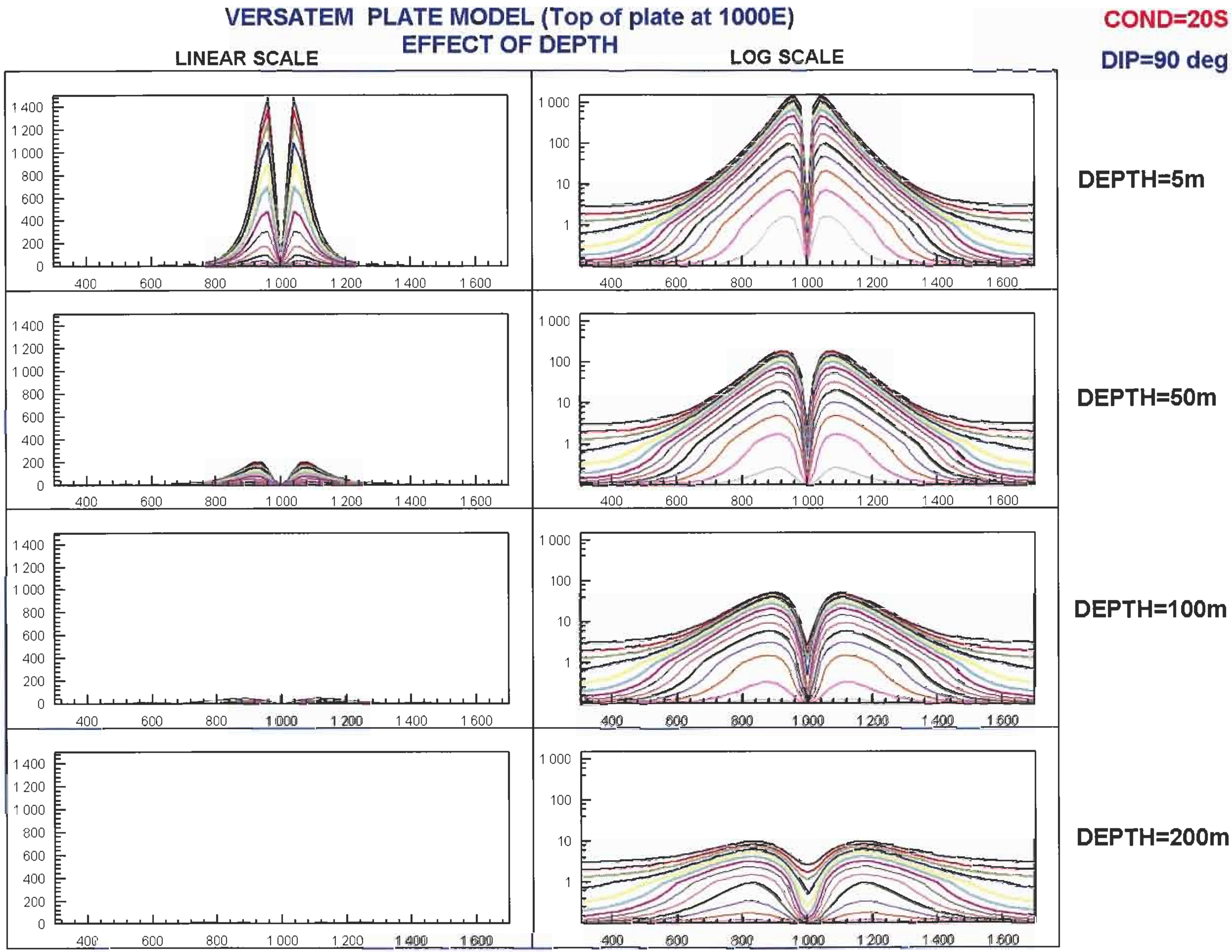

VERSATEM PLATE MODEL (Top of plate at 1000E)
EFFECT OF DEPTH
LINEAR SCALE
LOG SCALE
COND=20S
DIP=90 deg
DEPTH=5m
DEPTH=50m
DEPTH=100m
DEPTH=200m
0
200
400
600
800
1 000
1 200
1 400
1 600
1
10
100
1 000

Plate 3

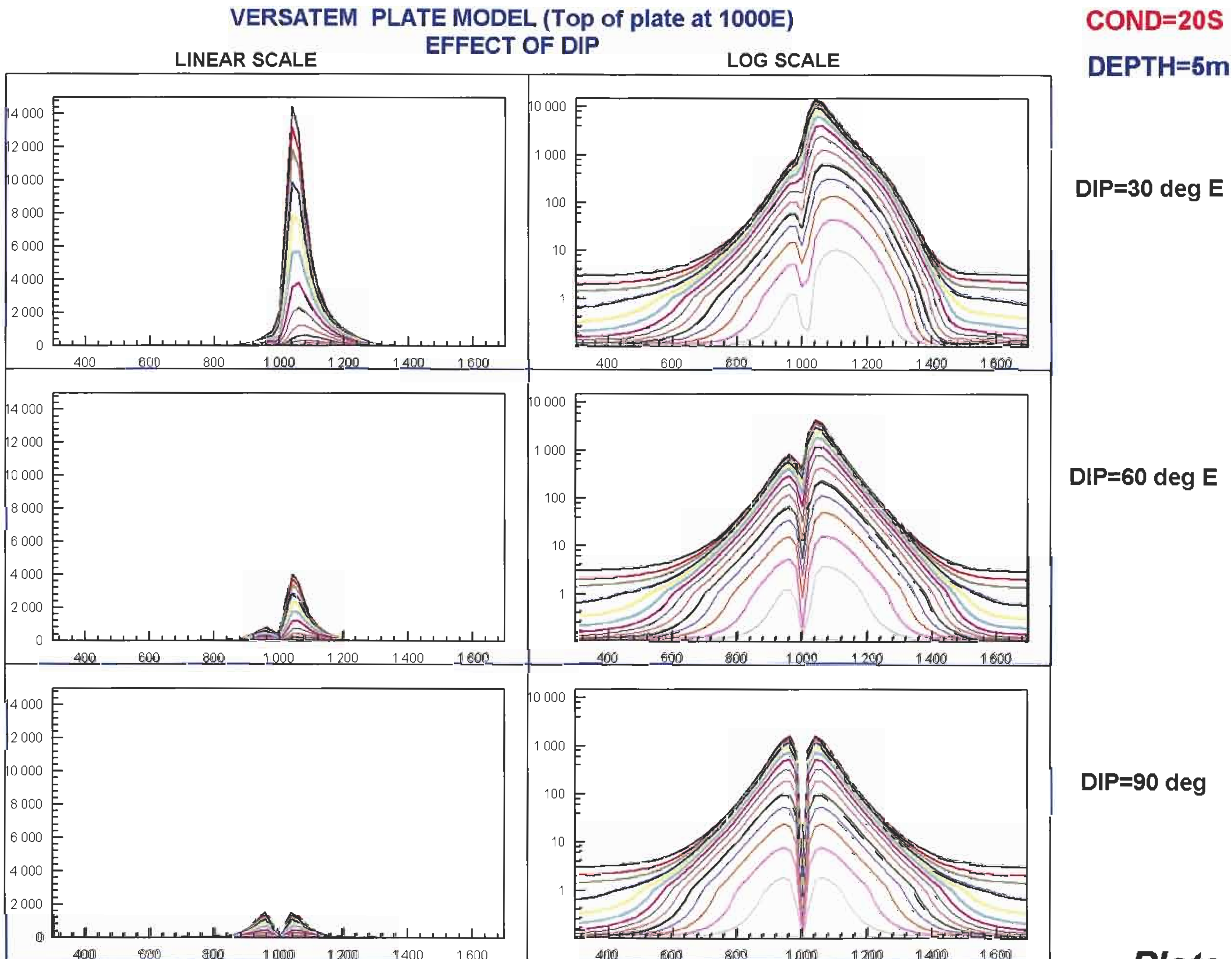
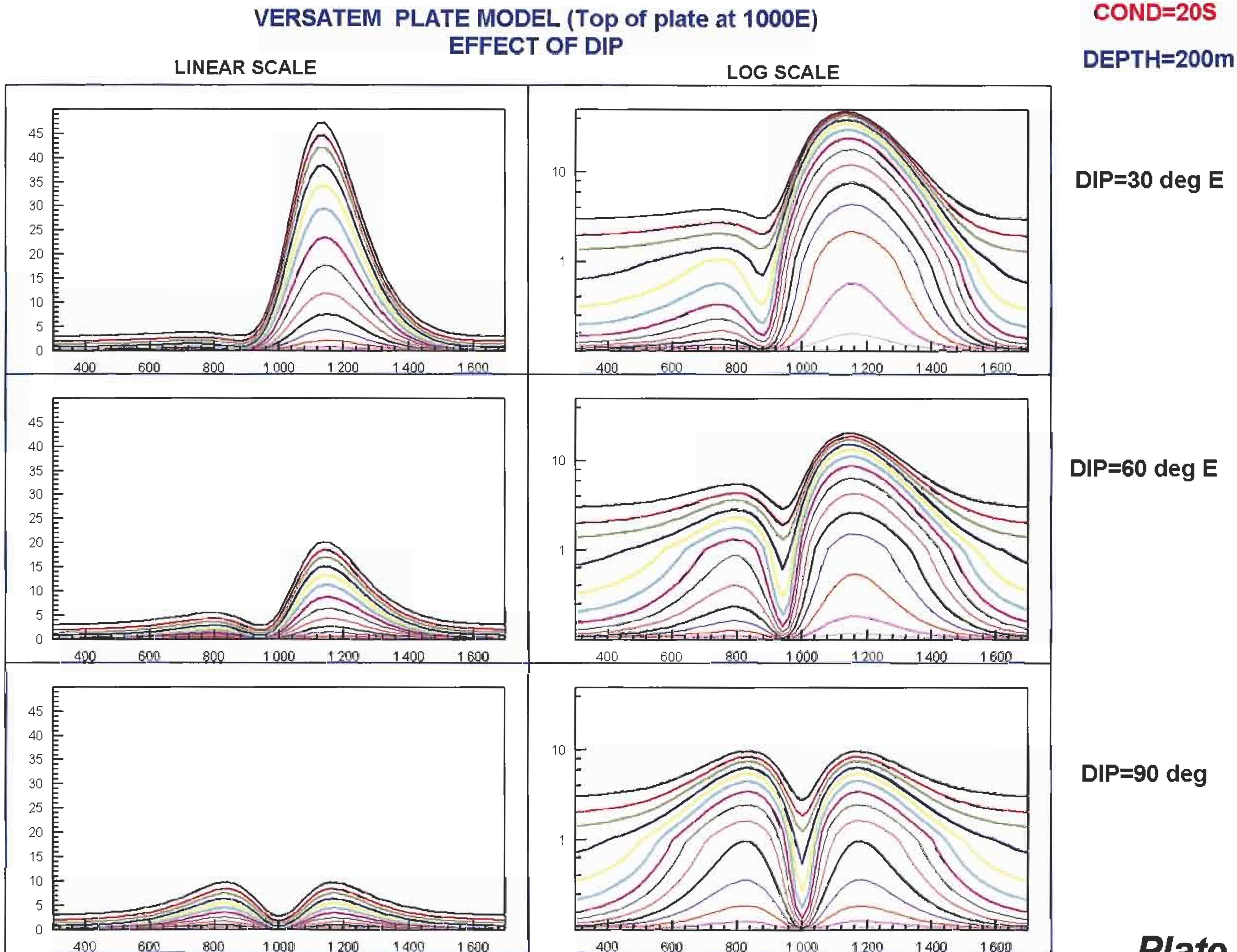
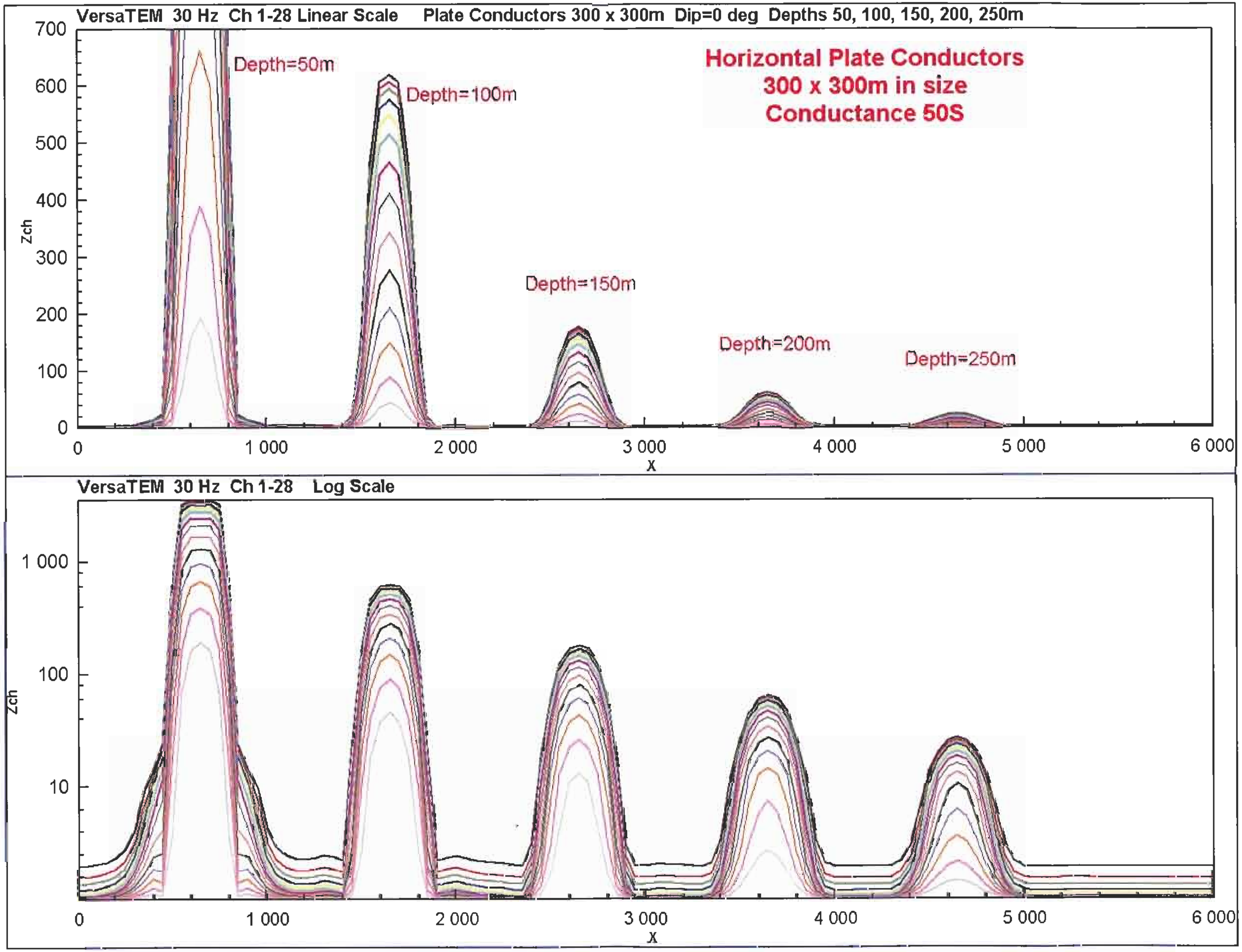

VERSATEM PLATE MODEL (Top of plate at 1000E)
EFFECT OF DIP
LINEAR SCALE
LOG SCALE
COND=20S
DEPTH=5m
DIP=30 deg E
DIP=60 deg E
DIP=90 deg

Plate 4



VERSATEM PLATE MODEL (Top of plate at 1000E)
EFFECT OF DIP
COND=20S
DEPTH=200m
LINEAR SCALE
LOG SCALE
DIP=30 deg E
DIP=60 deg E
DIP=90 deg

Plate 5



VersaTEM 30 Hz Ch 1-28 Linear Scale Plate Conductors 300 x 300m Dip=0 deg Depths 50, 100, 150, 200, 250m
Horizontal Plate Conductors
300 x 300m in size
Conductance 50S
Depth=50m
Depth=100m
Depth=150m
Depth=200m
Depth=250m
Zch
0
100
200
300
400
500
600
700
0
1 000
2 000
3 000
4 000
5 000
6 000
X
VersaTEM 30 Hz Ch 1-28 Log Scale
Zch
10
100
1 000
0
1 000
2 000
3 000
4 000
5 000
6 000
X

Plate 6

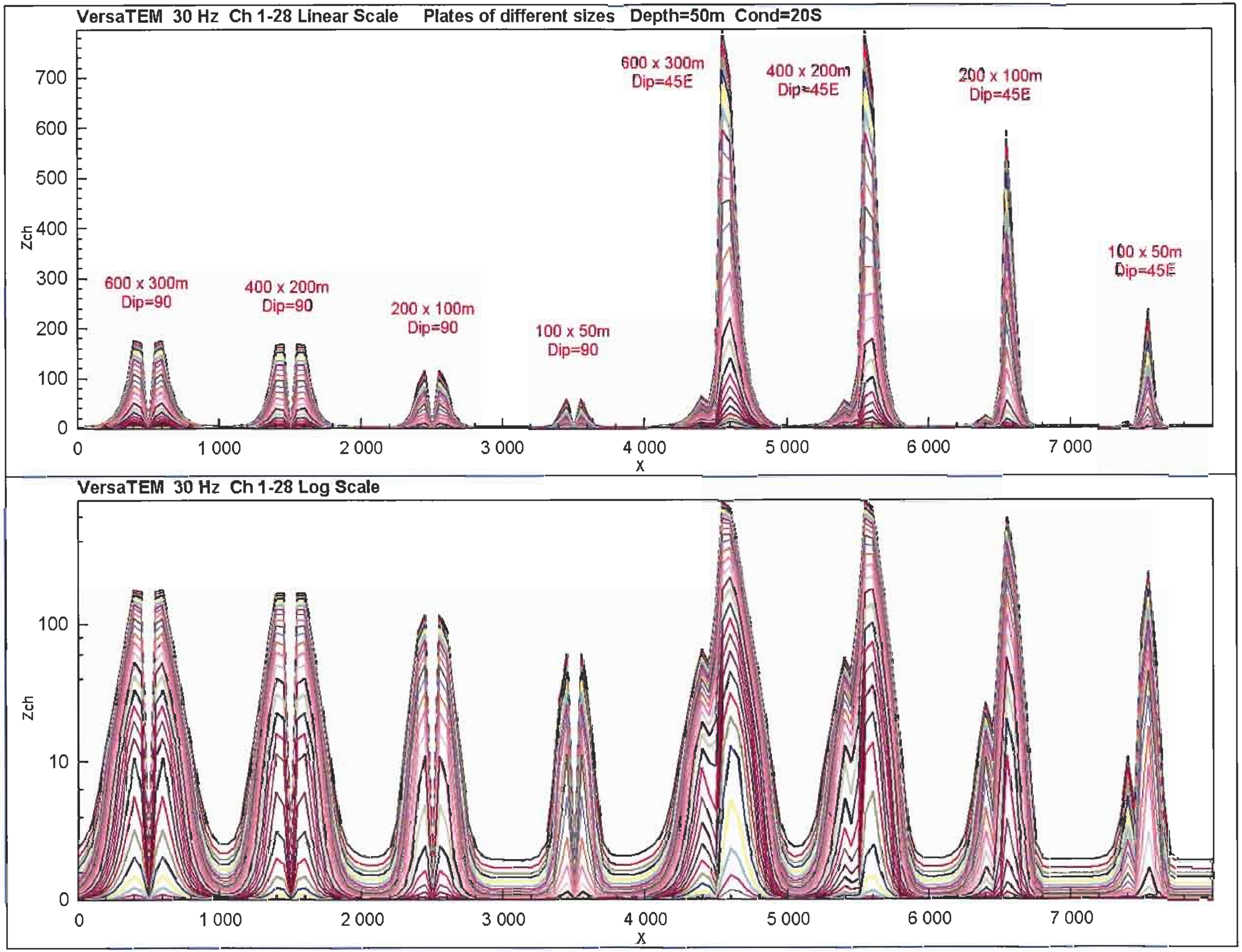
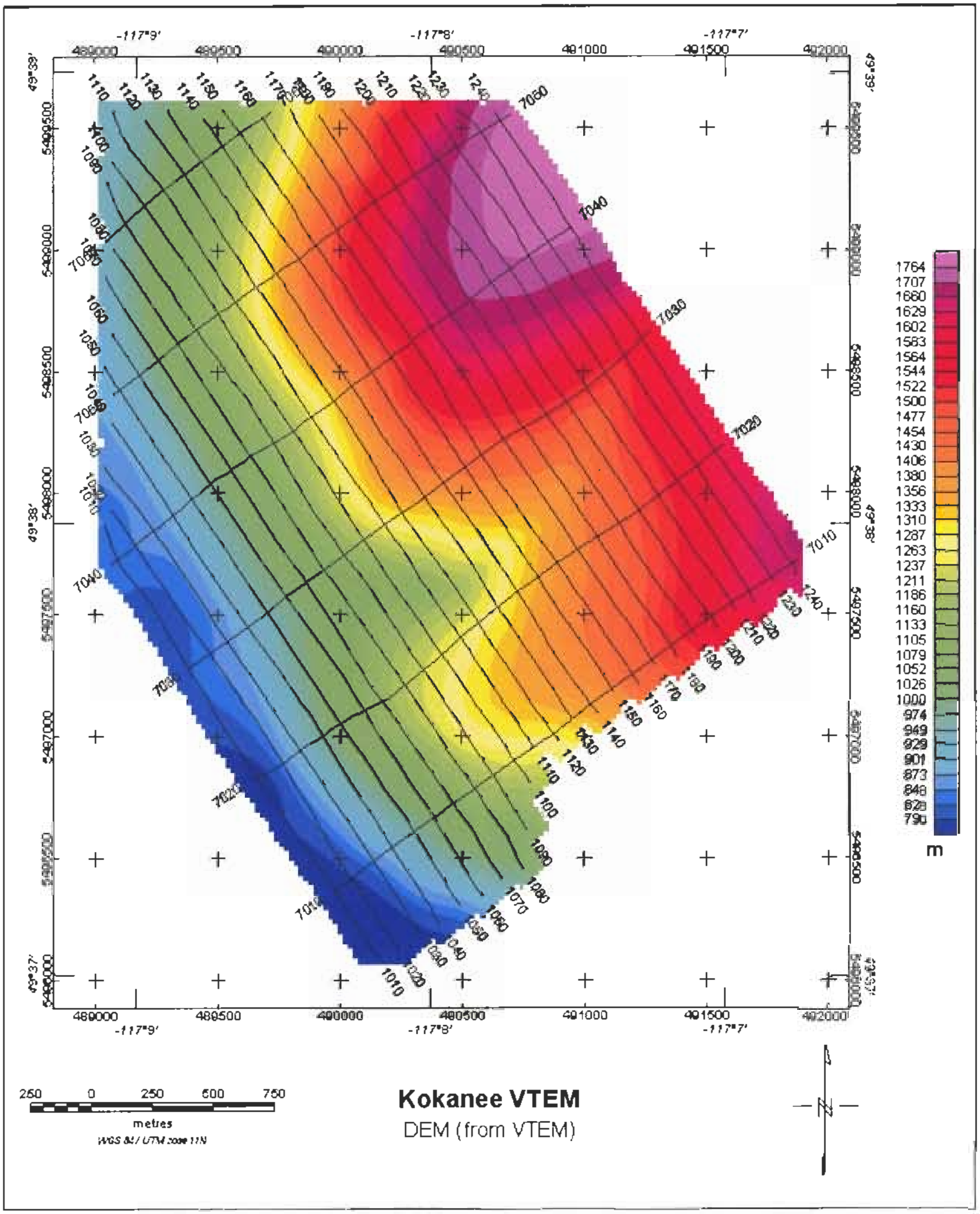
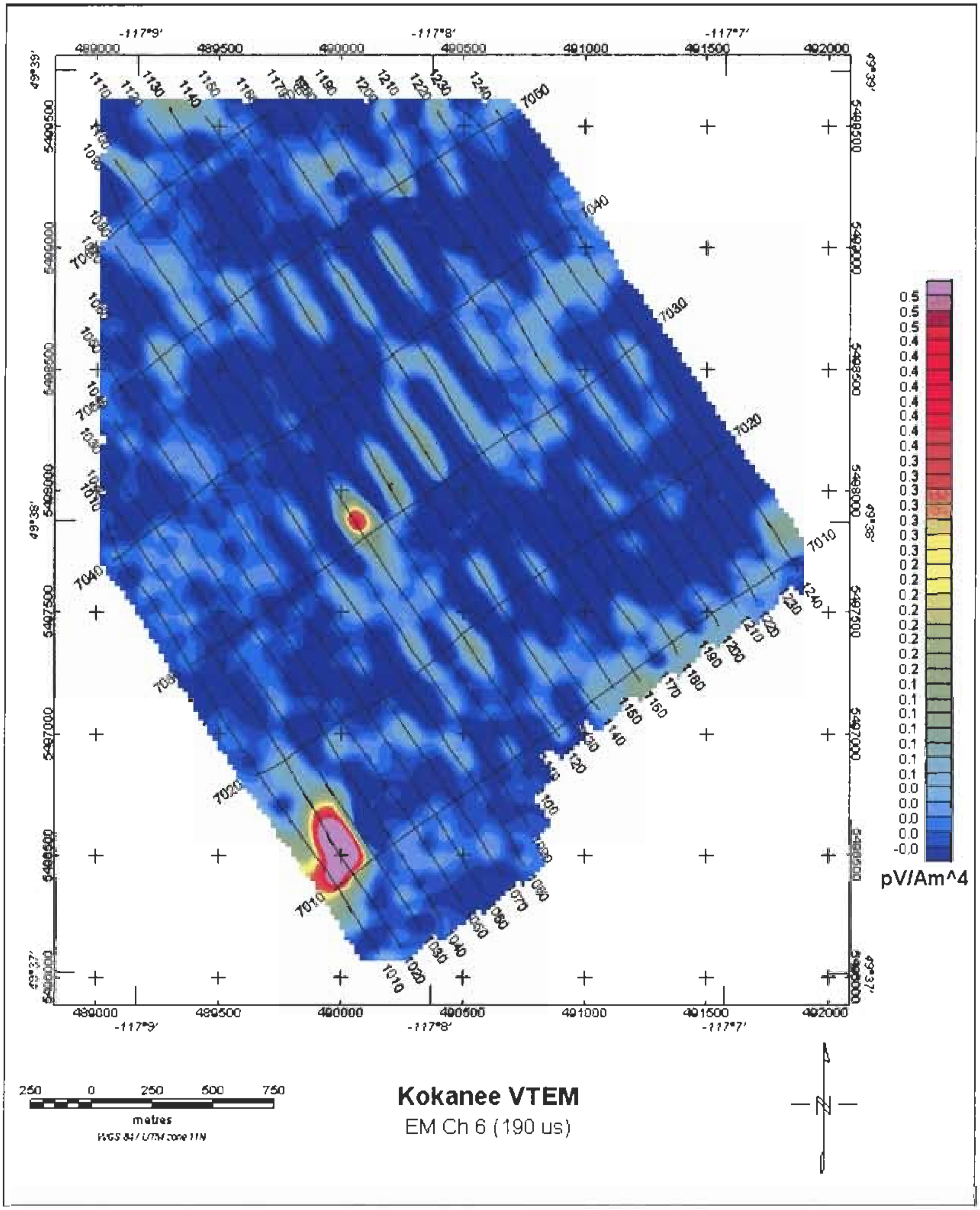
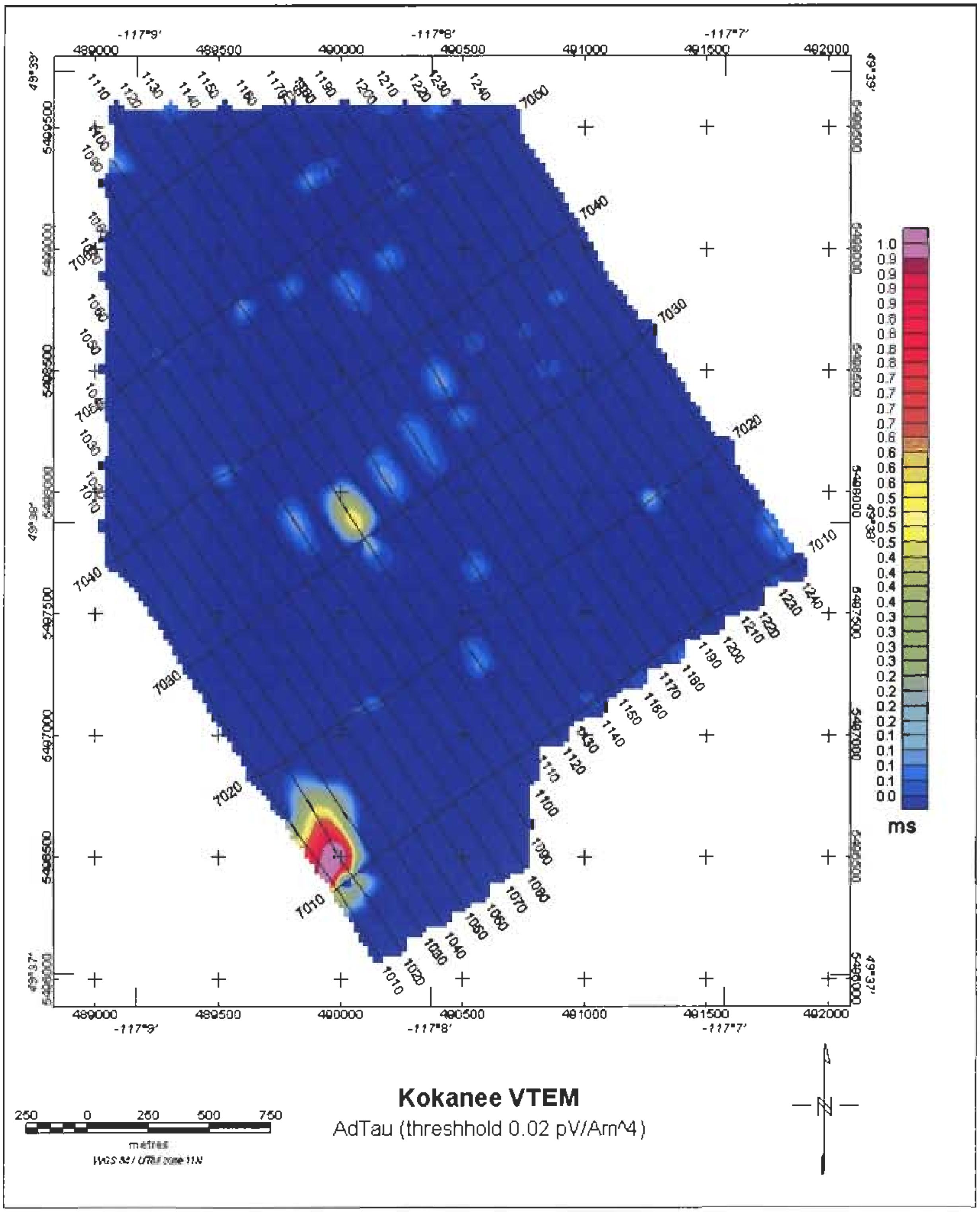


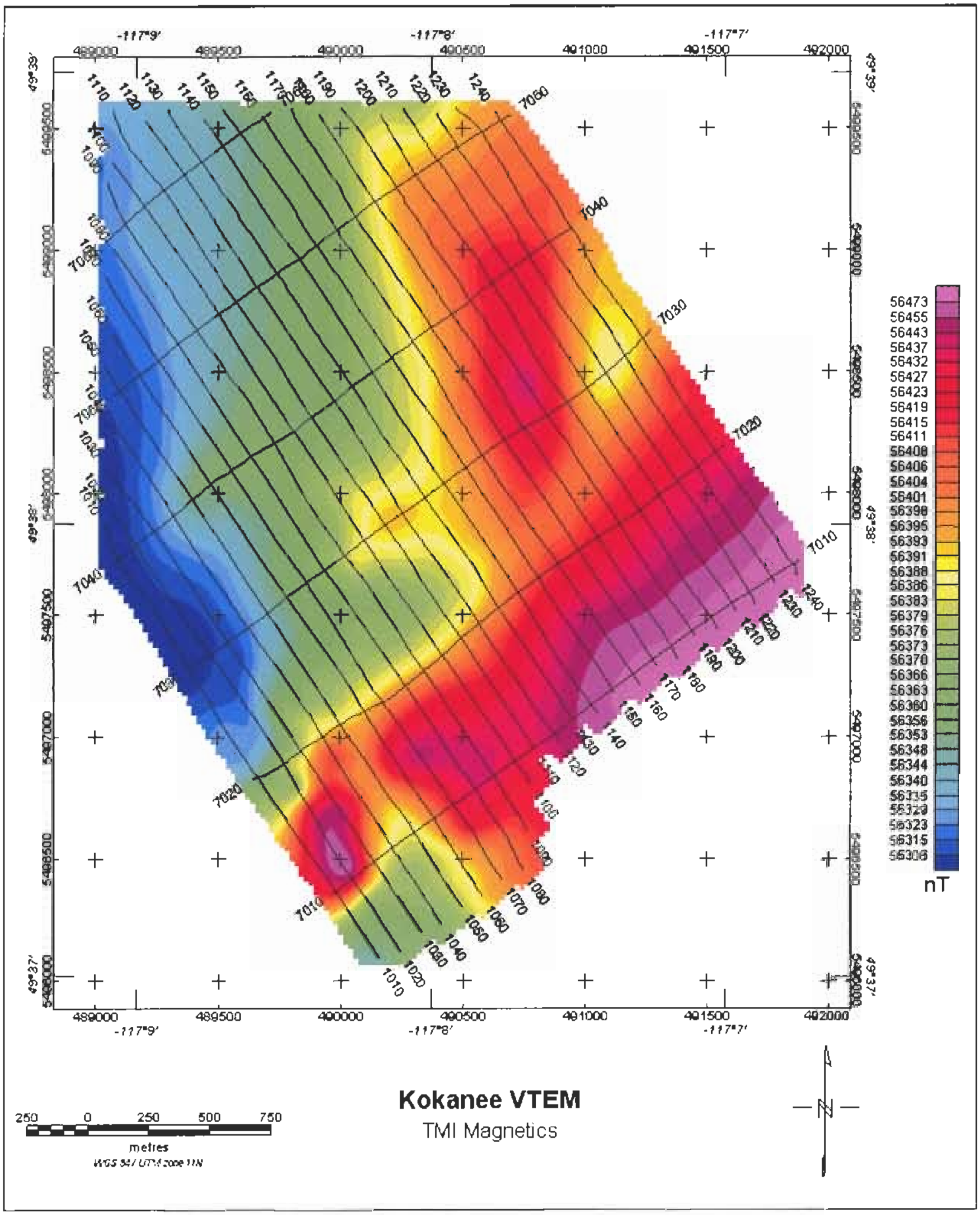
Plate 7a **Plate 7b**

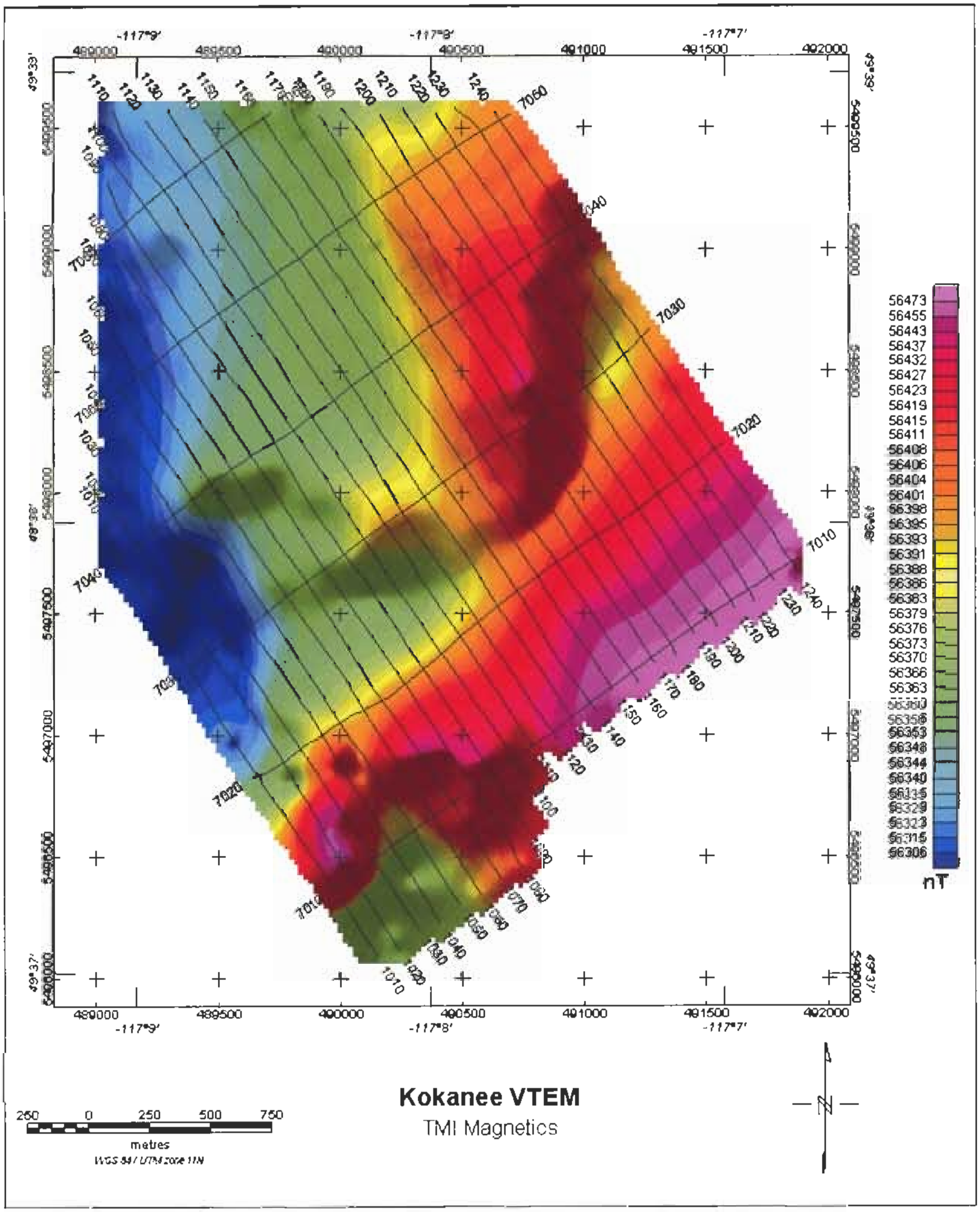
APPENDIX B - Plan Products

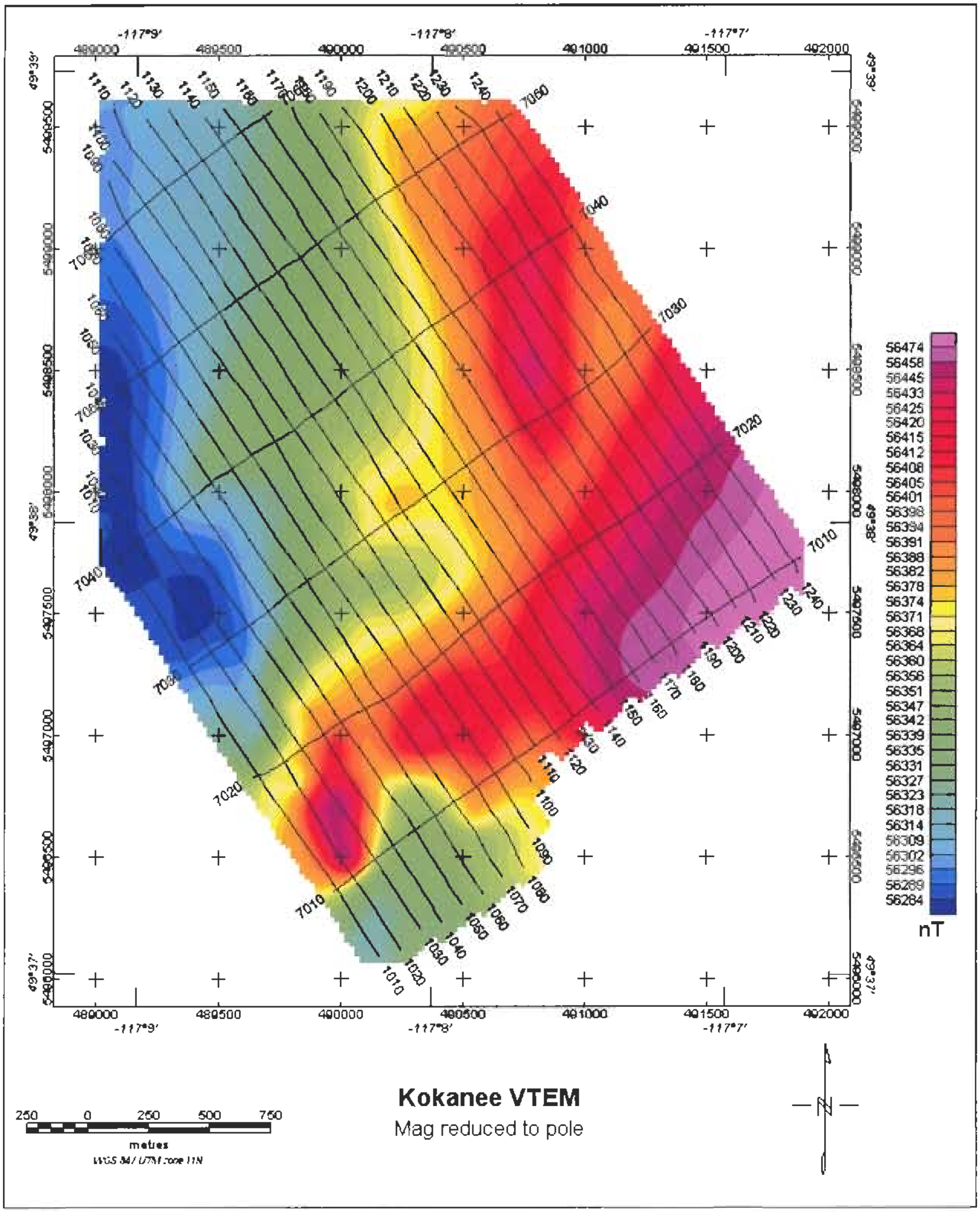

Kokanee VTEM
DEM (from VTEM)
m
1764
1707
1660
1629
1602
1583
1564
1544
1522
1500
1477
1454
1430
1406
1380
1356
1333
1310
1287
1263
1237
1211
1186
1160
1133
1105
1079
1052
1026
1000
974
949
929
901
873
848
828
790
489000
489500
490000
490500
491000
491500
492000
-117°9'
-117°8'
-117°7'
49°39'
49°38'
49°37'
5499500
5499000
5498500
5498000
5497500
5497000
5496500
5496000
7050
7040
7030
7020
7010
250 0 250 500 750
metres

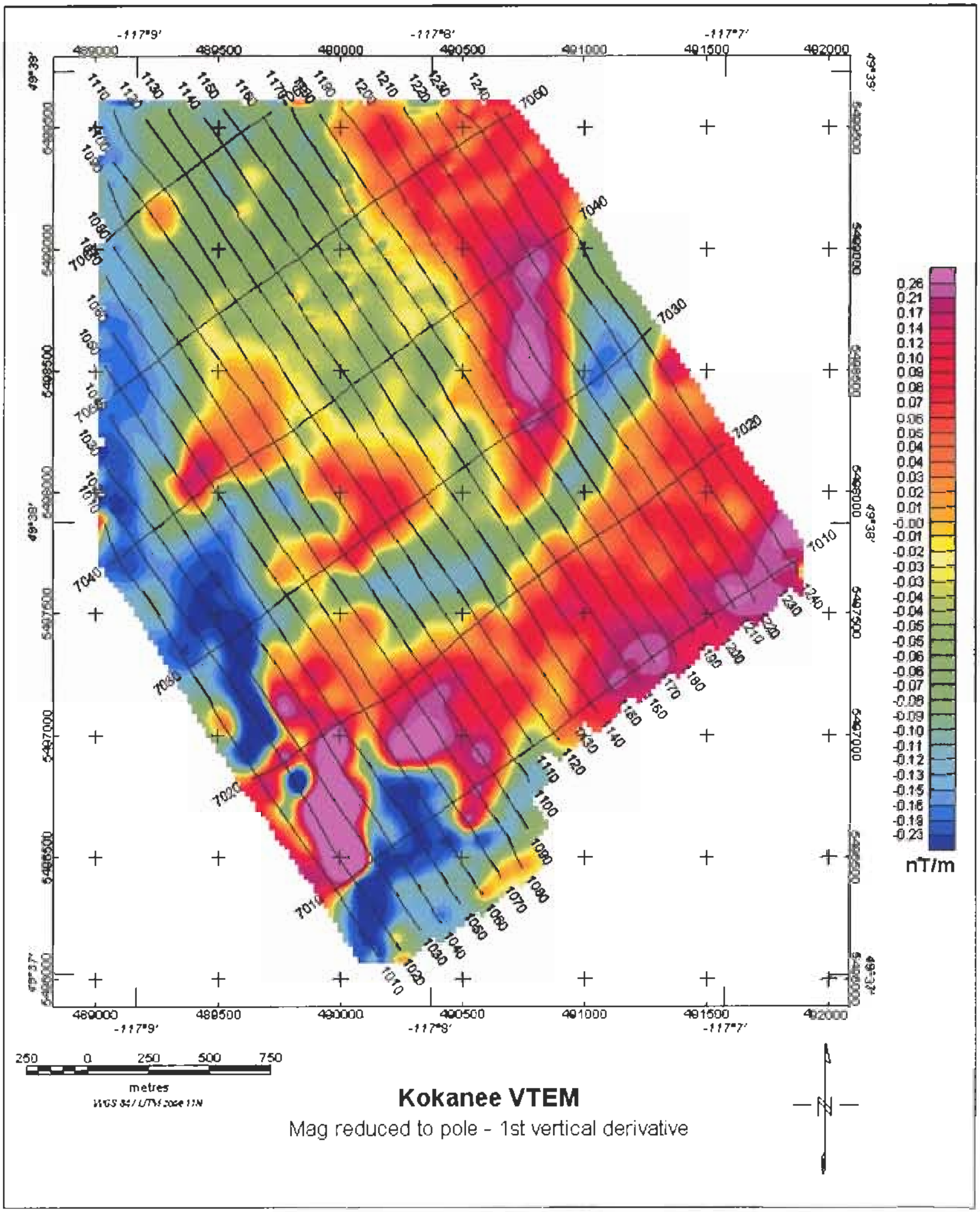

Kokanee VTEM
EM Ch 6 (190 us)
pV/Am^4
250 0 250 500 750
metres
WGS 84 / UTM zone 11N

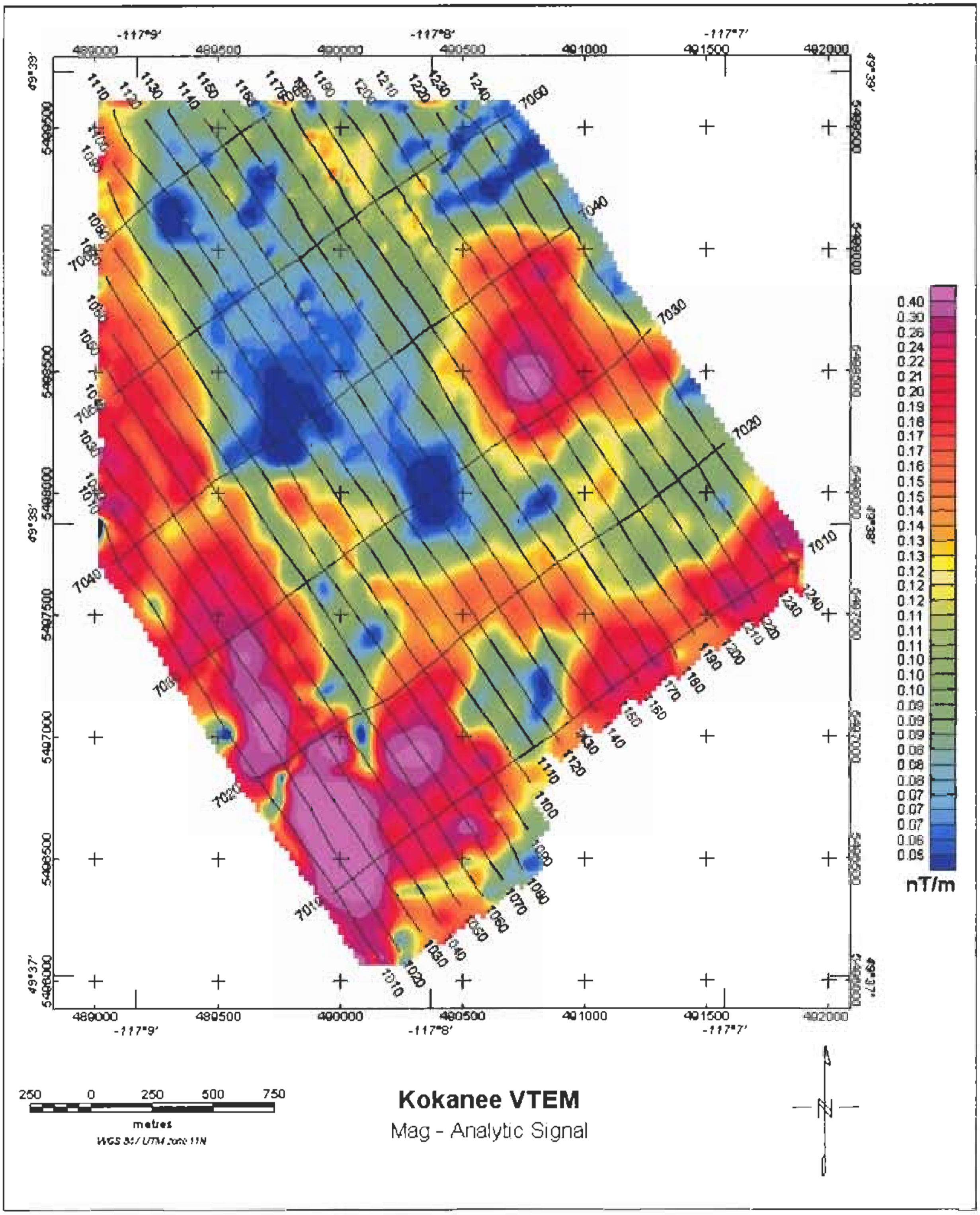

Kokanee VTEM
AdTau (threshhold 0.02 pV/Am^4)
ms
metres


-117°9'
-117°8'
-117°7'
489000
489500
490000
490500
491000
491500
492000
56473
56455
56443
56437
56432
56427
56423
56419
56415
56411
56408
56406
56404
56401
56398
56395
56393
56391
56388
56386
56383
56379
56376
56373
56370
56366
56363
56360
56356
56353
56348
56344
56340
56335
56329
56323
56315
56306
nT
Kokanee VTEM
TMI Magnetics
250
0
250
500
750
metres


Kokanee VTEM
TMI Magnetics
metres
nT

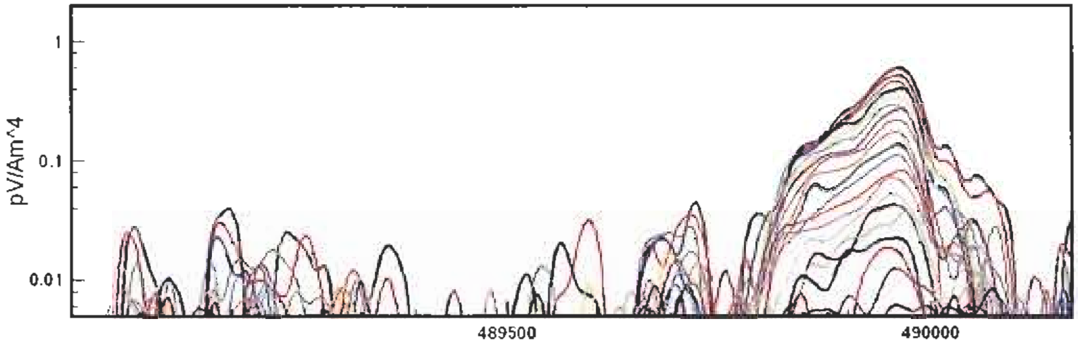

Kokanee VTEM
Mag reduced to pole
nT
56474
56458
56445
56433
56425
56420
56415
56412
56408
56405
56401
56398
56394
56391
56388
56382
56378
56374
56371
56368
56364
56360
56356
56351
56347
56342
56339
56335
56331
56327
56323
56318
56314
56309
56302
56296
56289
56284
250 0 250 500 750
metres
489000
489500
490000
490500
491000
491500
492000
-117°9'
-117°8'
-117°7'


Kokanee VTEM
Mag reduced to pole - 1st vertical derivative
nT/m
metres

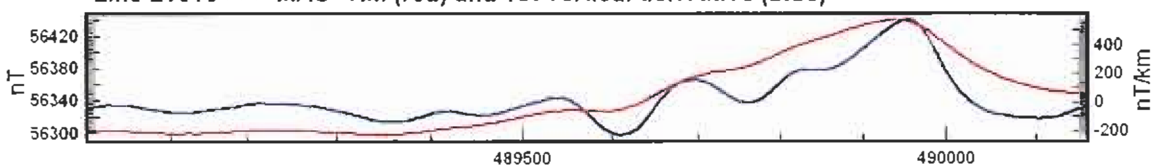

Kokanee VTEM
Mag - Analytic Signal
nT/m
metres
250 0 250 500 750
489000
489500
490000
490500
491000
491500
492000
-117°9'
-117°8'
-117°7'
49°39'
49°38'
49°37'
0.40
0.30
0.26
0.24
0.22
0.21
0.20
0.19
0.18
0.17
0.17
0.16
0.15
0.15
0.14
0.14
0.13
0.13
0.12
0.12
0.12
0.11
0.11
0.11
0.10
0.10
0.10
0.09
0.09
0.09
0.08
0.08
0.08
0.07
0.07
0.07
0.06
0.05

APPENDIX C - MultiPlots™

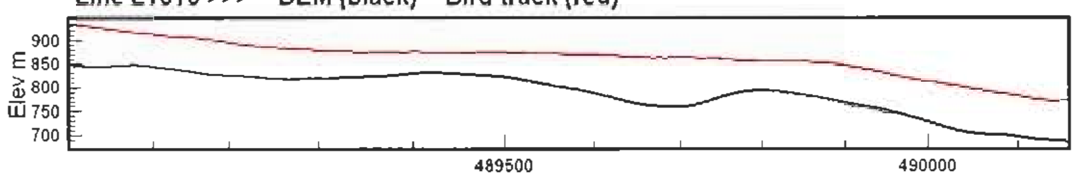
Line L1010 >>> Kokanee Creek VTEM Ch 6-27



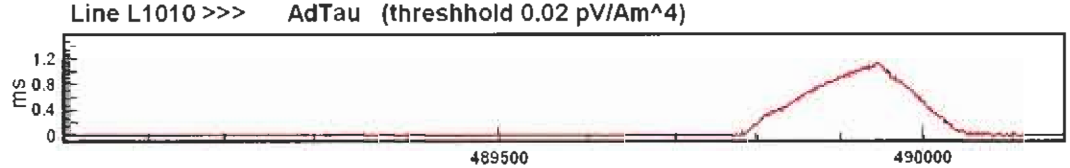
Line L1010 >>> MAG TMI (red) and 1st vertical derivative (blue)



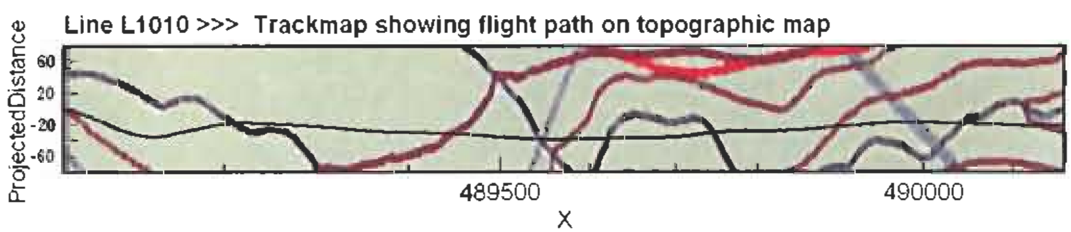
Line L1010 >>> DEM (black) Bird track (red)



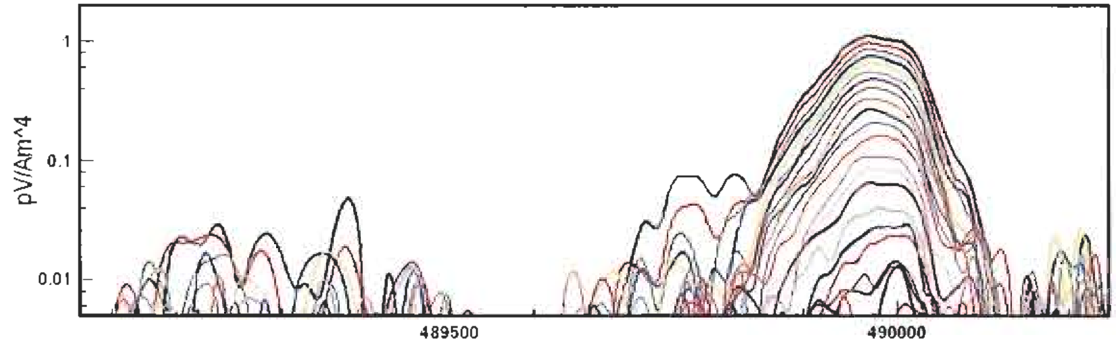
Line L1010 >>> AdTau (threshhold 0.02 pV/Am^4)



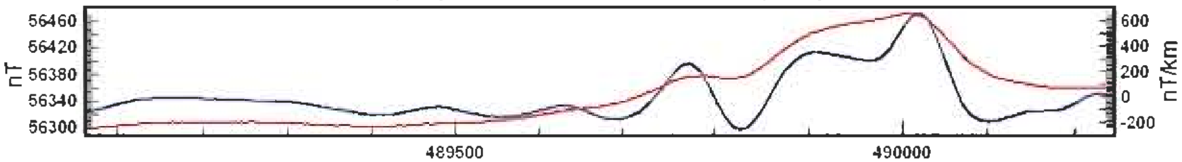
Line L1010 >>> Trackmap showing flight path on topographic map



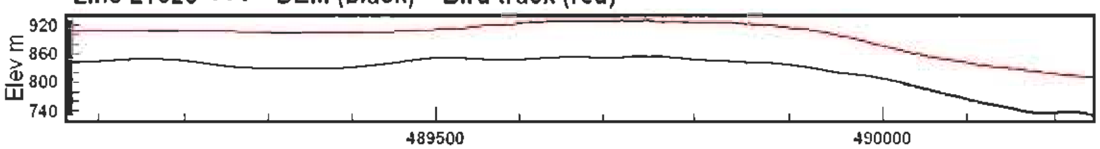
Line L1020 <<<   Kokanee Creek   VTEM Ch 6-27



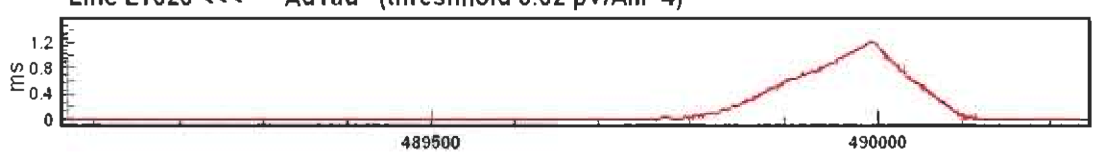
Line L1020 <<< MAG TMI (red) and 1st vertical derivative (blue)



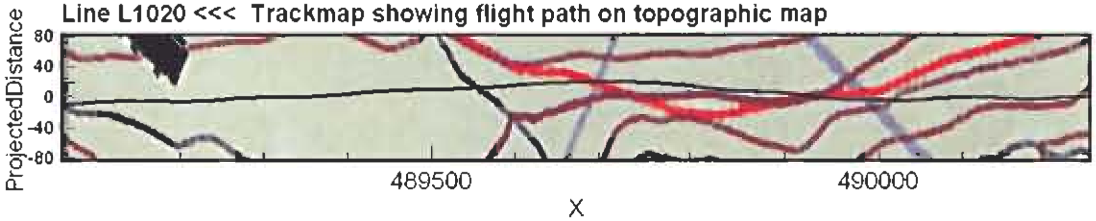
Line L1020 <<<   DEM (black)   Bird track (red)

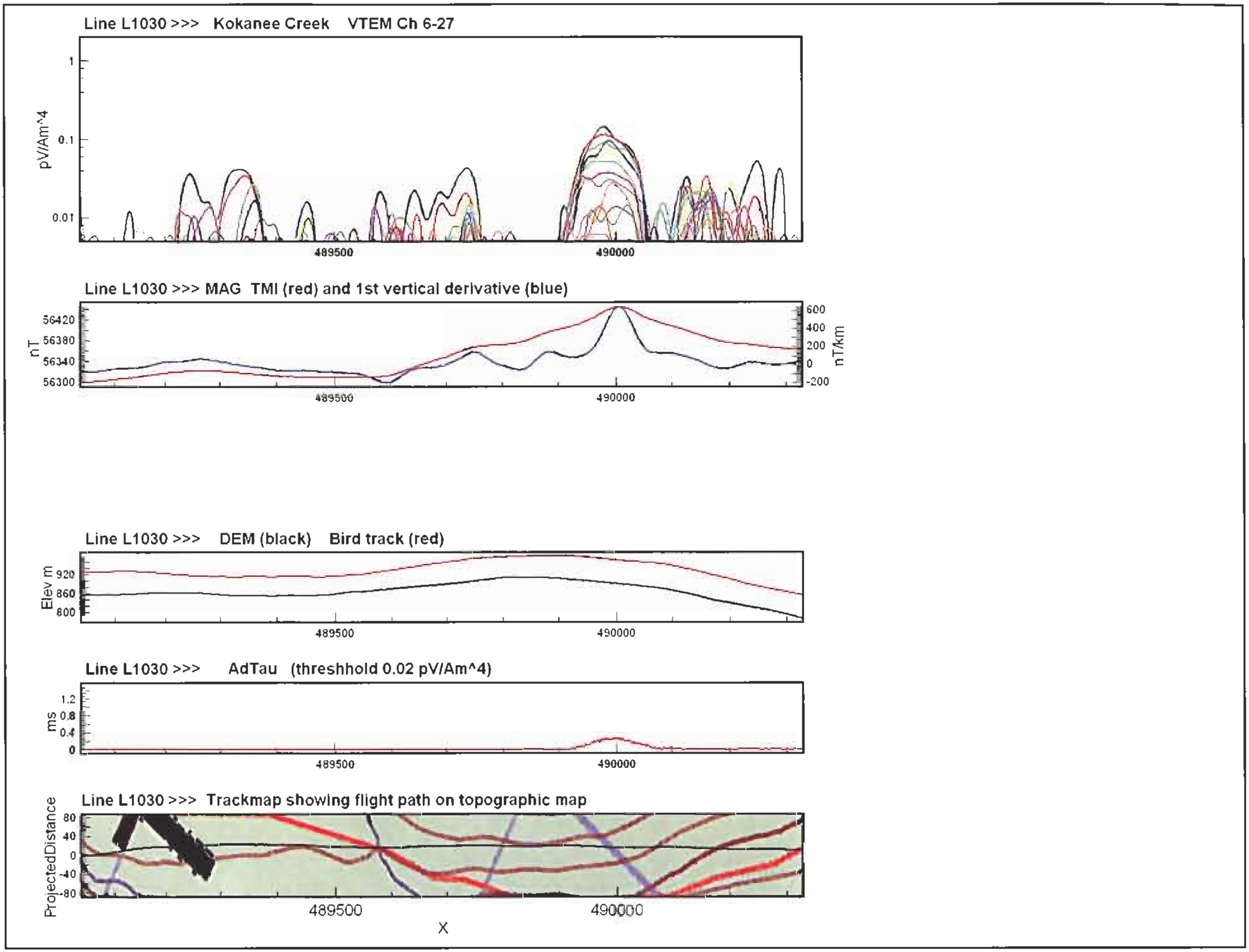


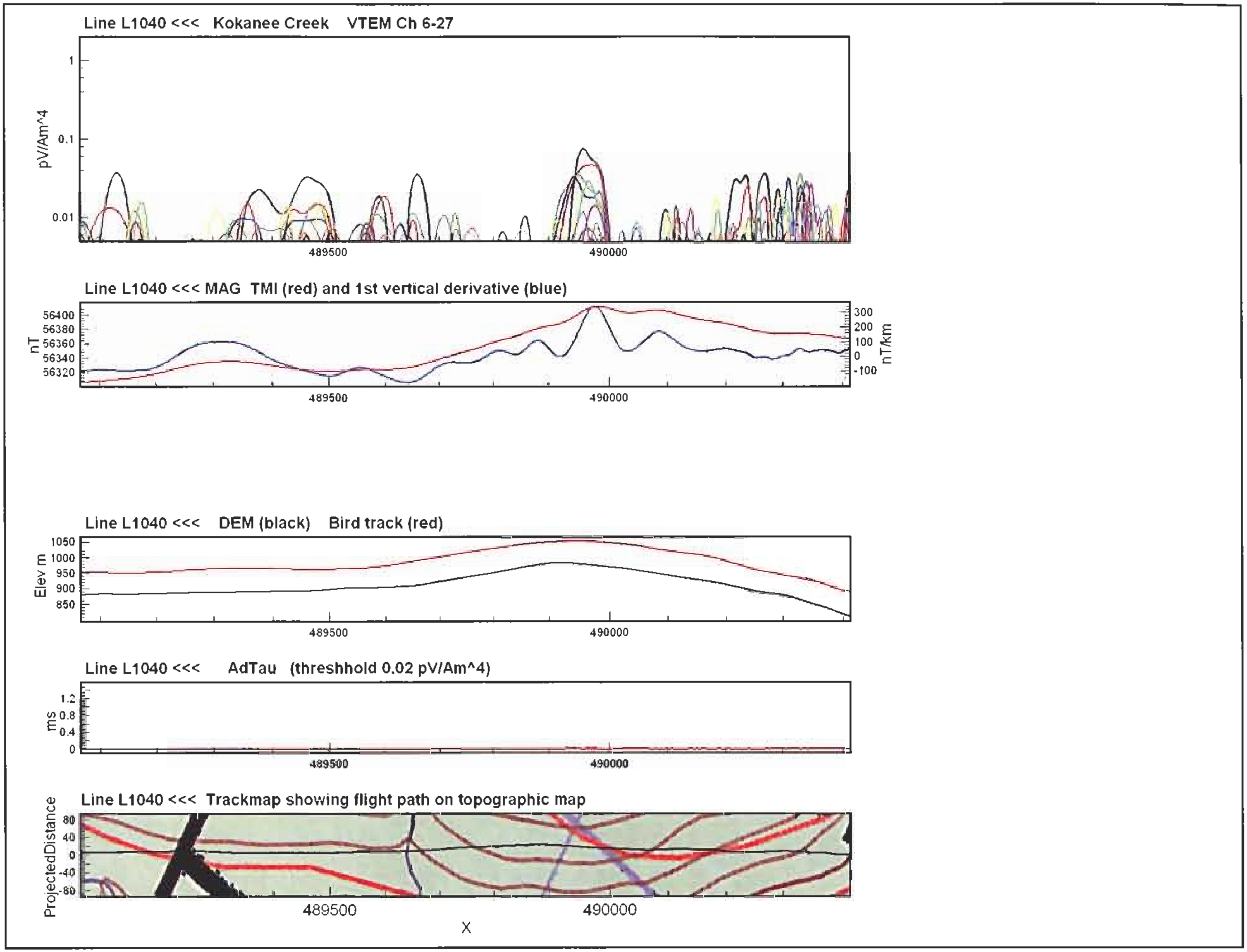
Line L1020 <<<   AdTau   (threshhold 0.02 pV/Am^4)



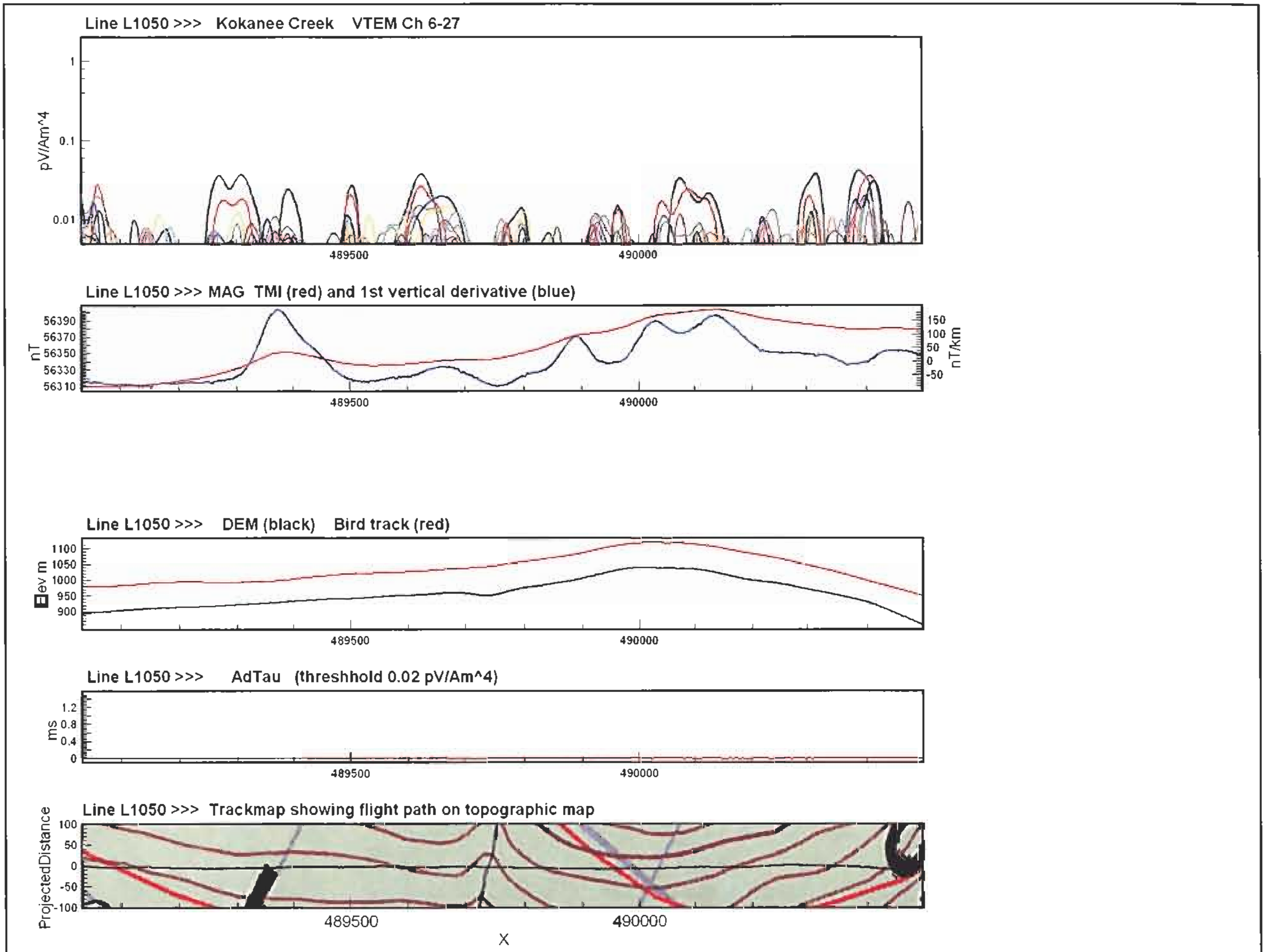
Line L1020 <<< Trackmap showing flight path on topographic map



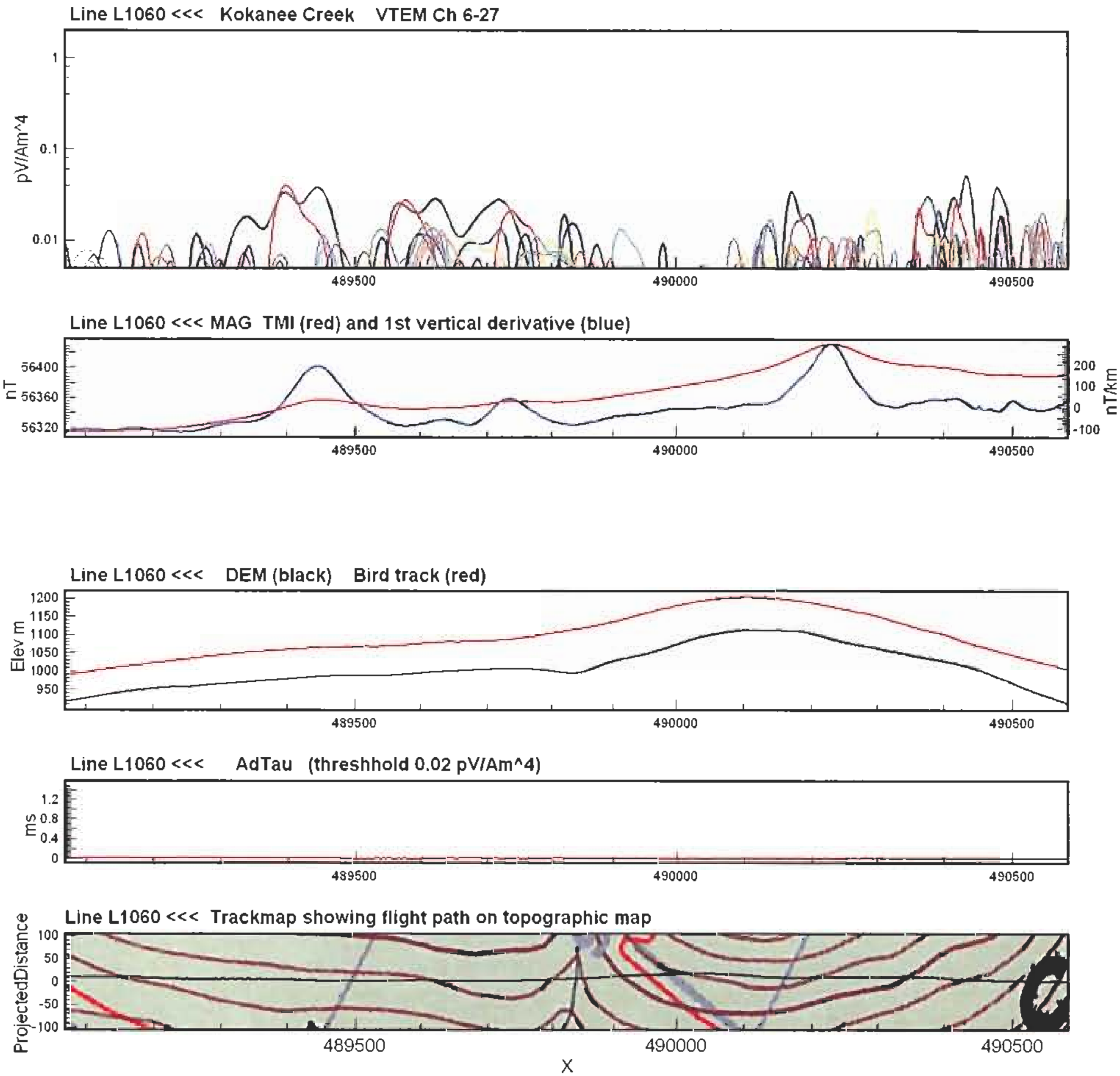

Line L1030 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
Line L1030 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56380
56340
56300
nT/km
600
400
200
0
-200
489500
490000
Line L1030 >>> DEM (black) Bird track (red)
Elev m
920
860
800
489500
490000
Line L1030 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
Line L1030 >>> Trackmap showing flight path on topographic map
ProjectedDistance
80
40
0
-40
-80
489500
490000
X



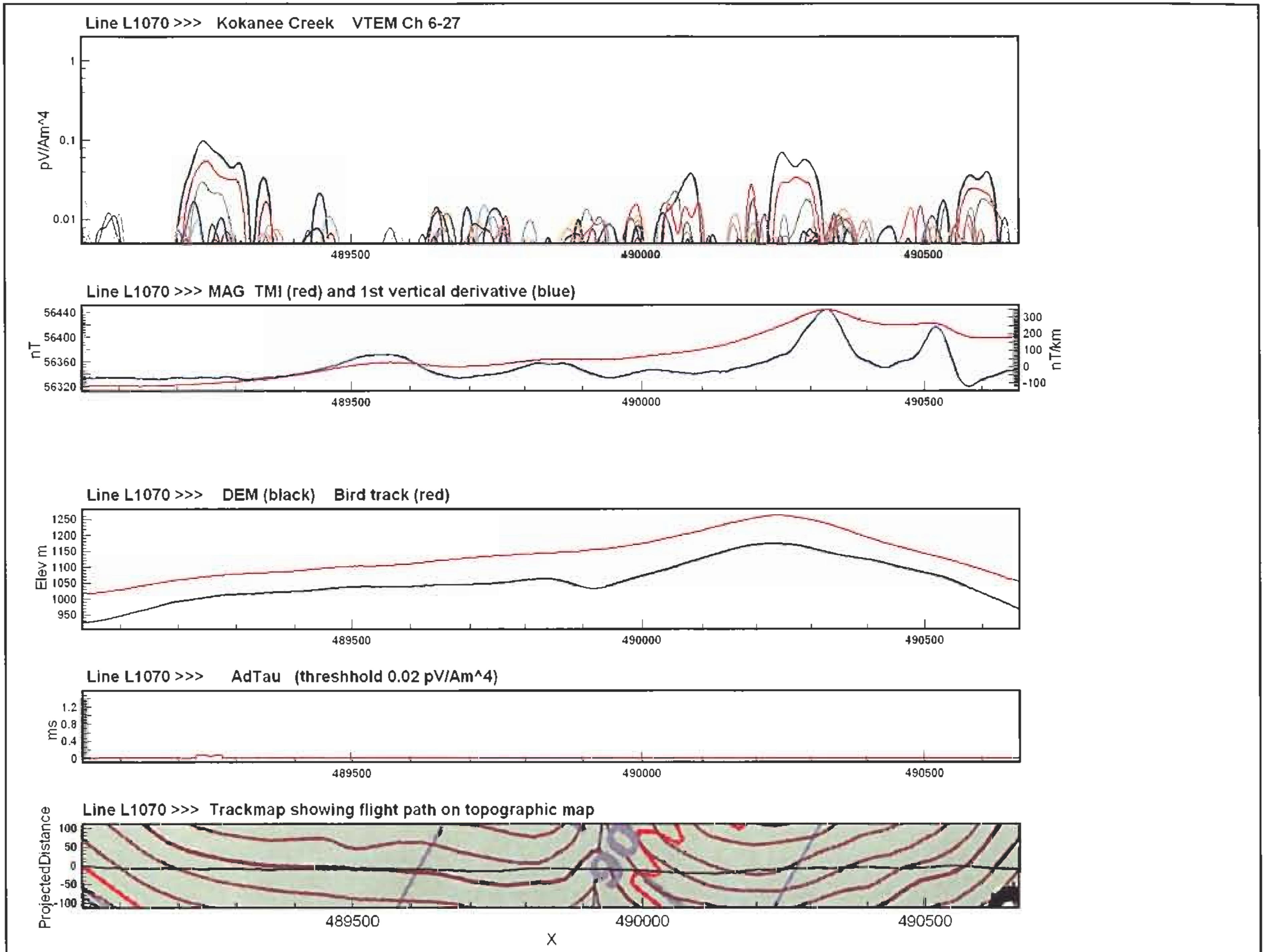
Line L1040 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
Line L1040 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56400
56380
56360
56340
56320
300
200
100
0
-100
nT/km
489500
490000
Line L1040 <<< DEM (black) Bird track (red)
Elev m
1050
1000
950
900
850
489500
490000
Line L1040 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
Line L1040 <<< Trackmap showing flight path on topographic map
ProjectedDistance
80
40
0
-40
-80
489500
490000
X

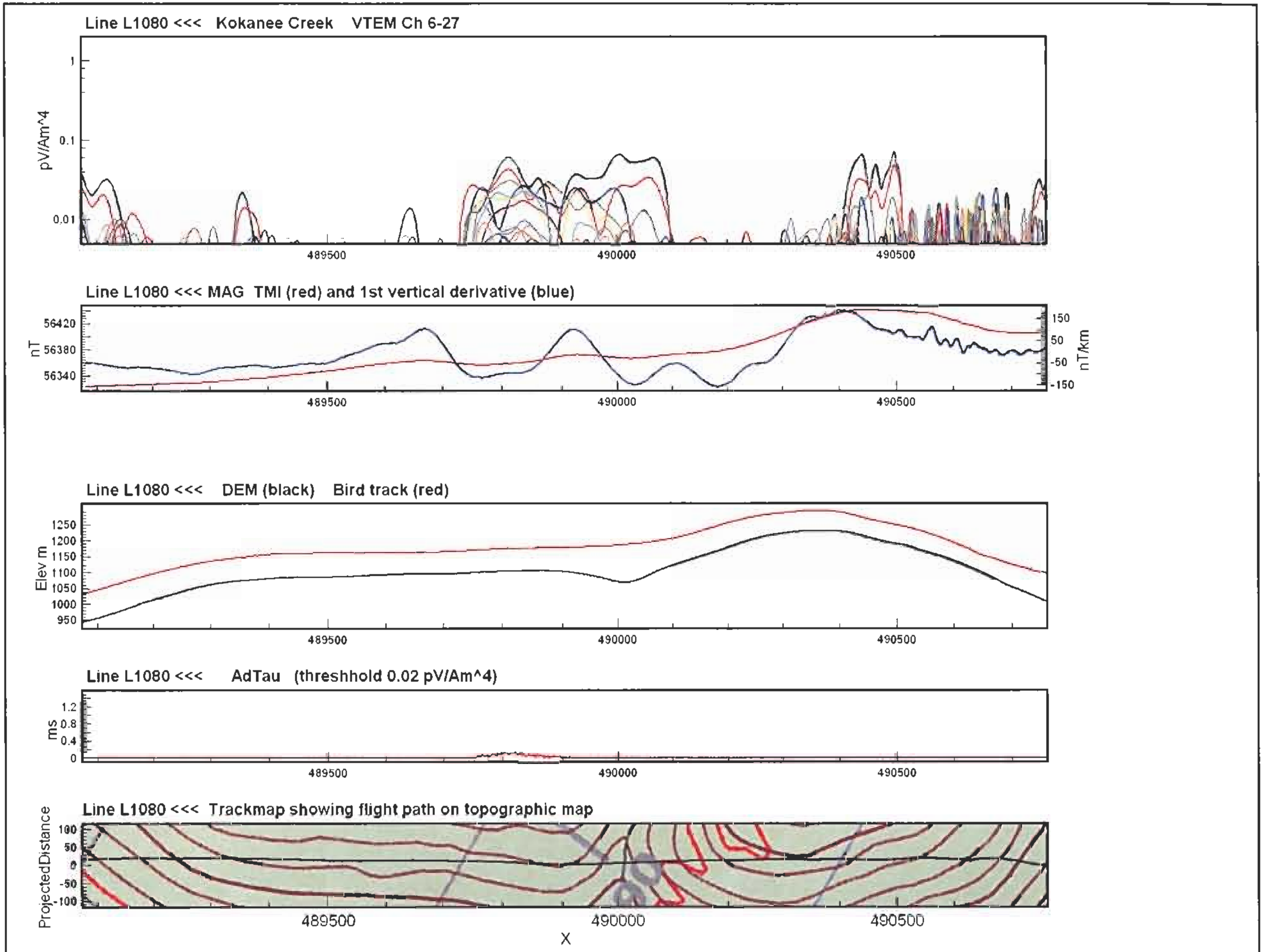


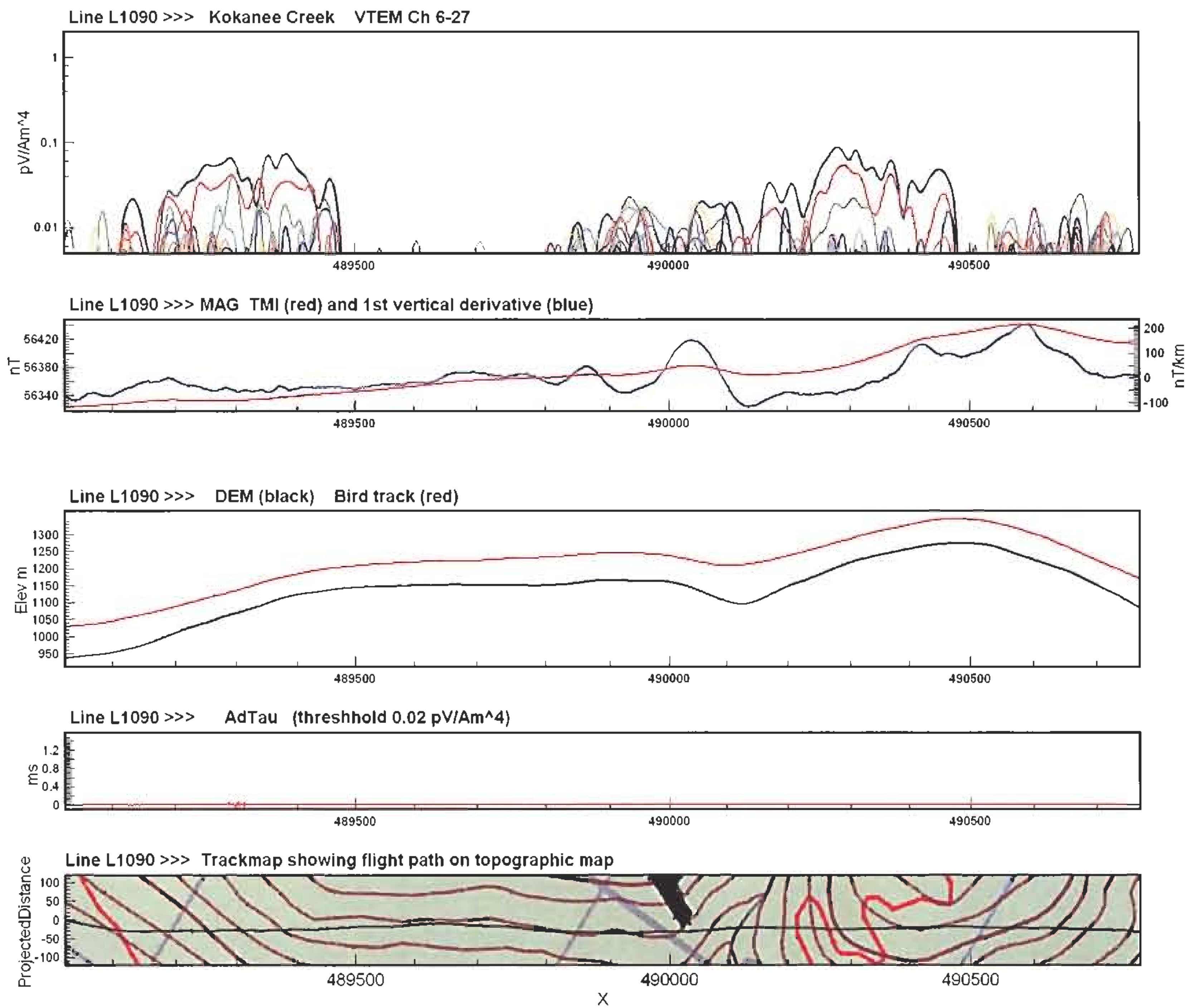
Line L1050 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
Line L1050 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56390
56370
56350
56330
56310
150
100
50
0
-50
nT/km
489500
490000
Line L1050 >>> DEM (black) Bird track (red)
Elev m
1100
1050
1000
950
900
489500
490000
Line L1050 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
Line L1050 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
X

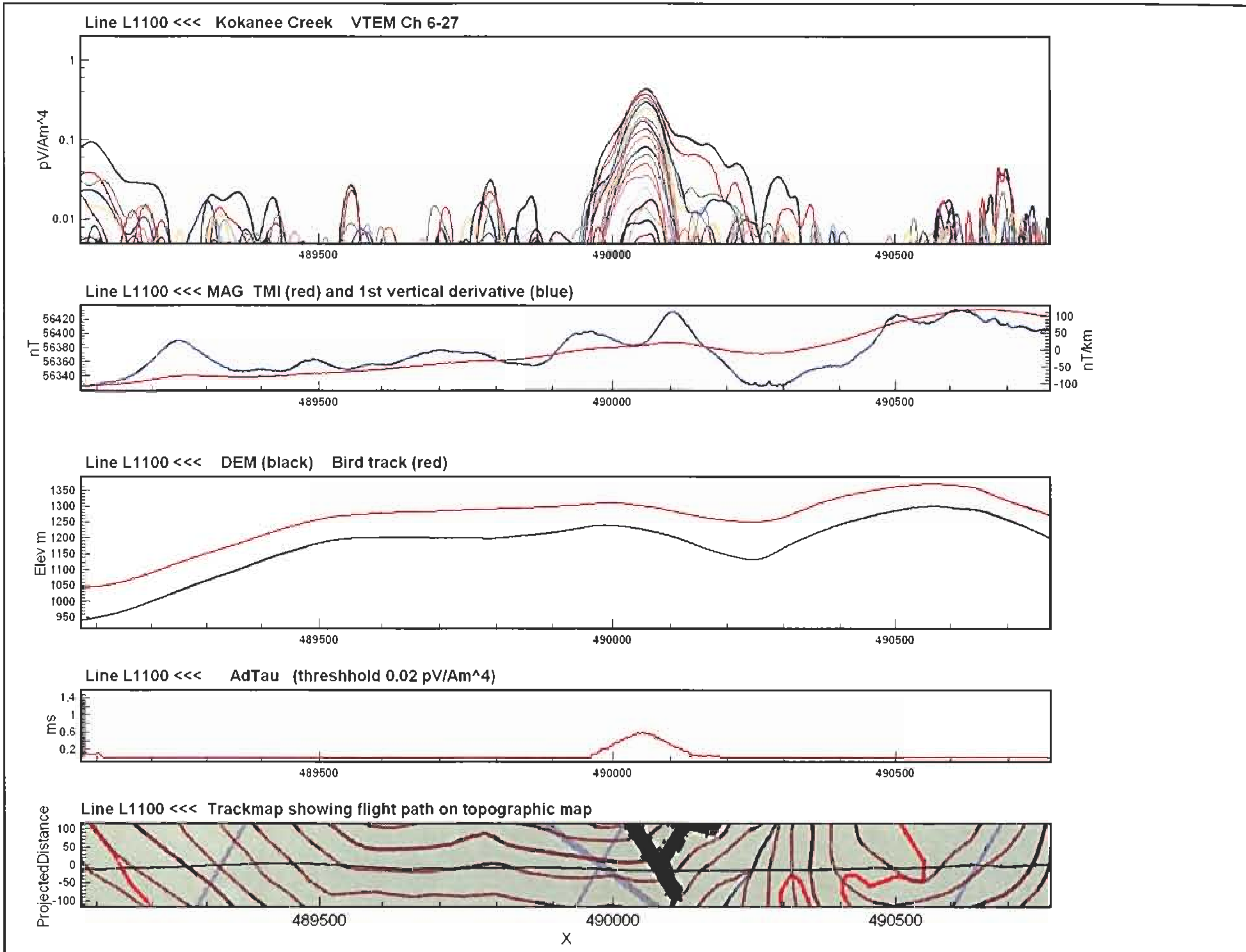


Line L1060 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1060 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56400
56360
56320
200
100
0
-100
nT/km
489500
490000
490500
Line L1060 <<< DEM (black) Bird track (red)
Elev m
1200
1150
1100
1050
1000
950
489500
490000
490500
Line L1060 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1060 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X

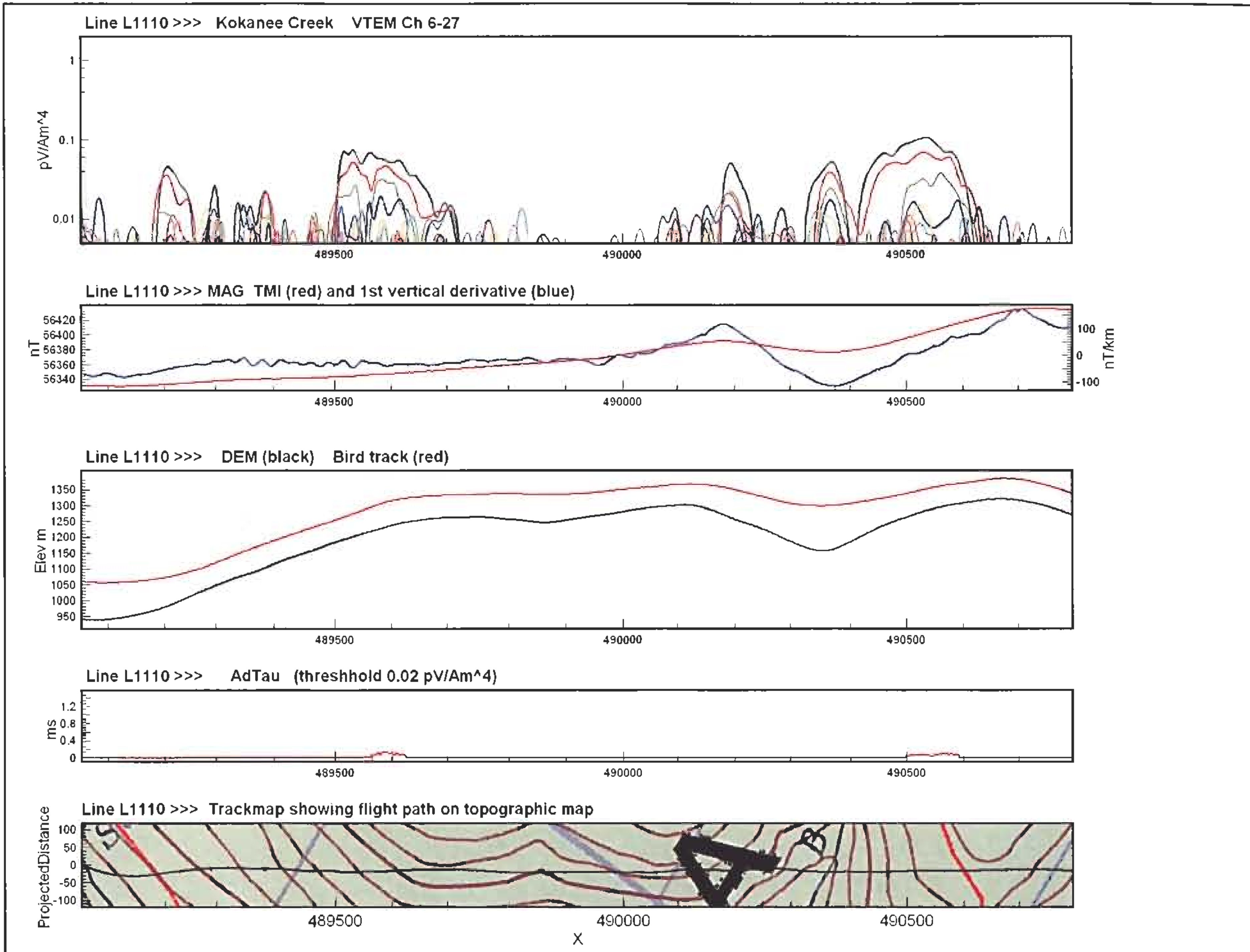

Line L1070 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1070 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56440
56400
56360
56320
nT/km
300
200
100
0
-100
489500
490000
490500
Line L1070 >>> DEM (black) Bird track (red)
Elev m
1250
1200
1150
1100
1050
1000
950
489500
490000
490500
Line L1070 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1070 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X


Line L1080 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1080 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56380
56340
150
50
-50
-150
nT/km
489500
490000
490500
Line L1080 <<< DEM (black) Bird track (red)
Elev m
1250
1200
1150
1100
1050
1000
950
489500
490000
490500
Line L1080 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1080 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X

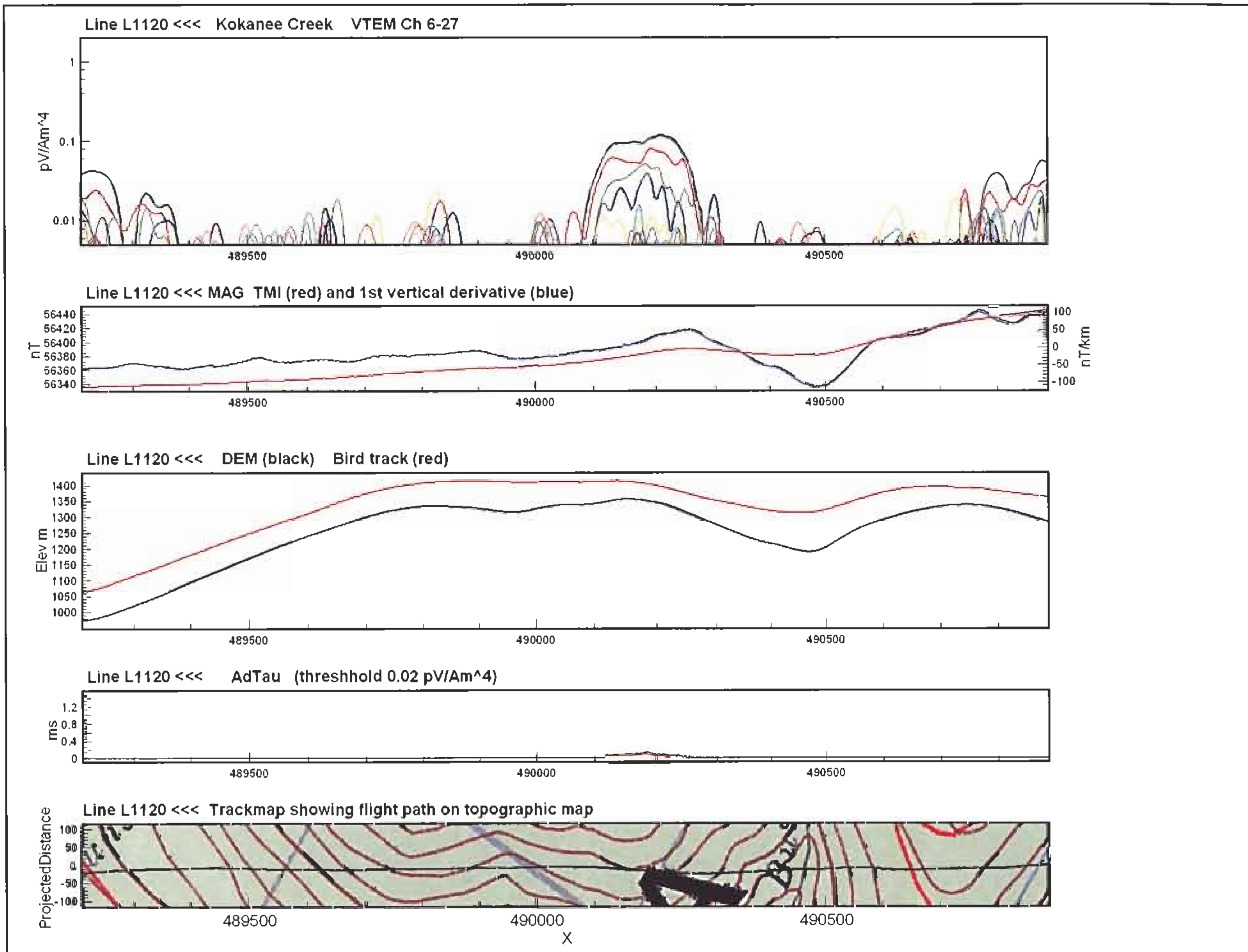

Line L1090 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1090 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56380
56340
nT/km
200
100
0
-100
489500
490000
490500
Line L1090 >>> DEM (black) Bird track (red)
Elev m
1300
1250
1200
1150
1100
1050
1000
950
489500
490000
490500
Line L1090 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1090 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X

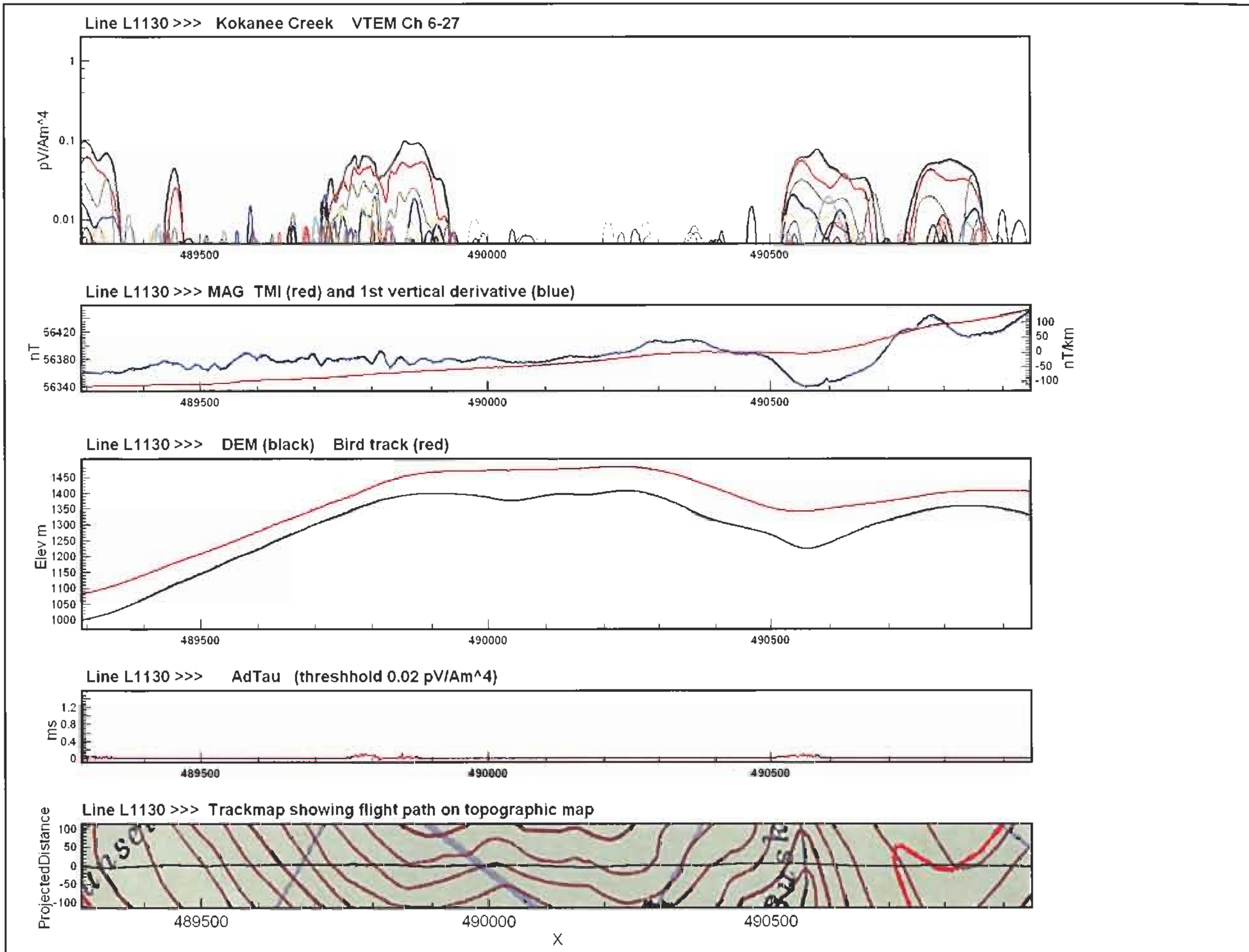


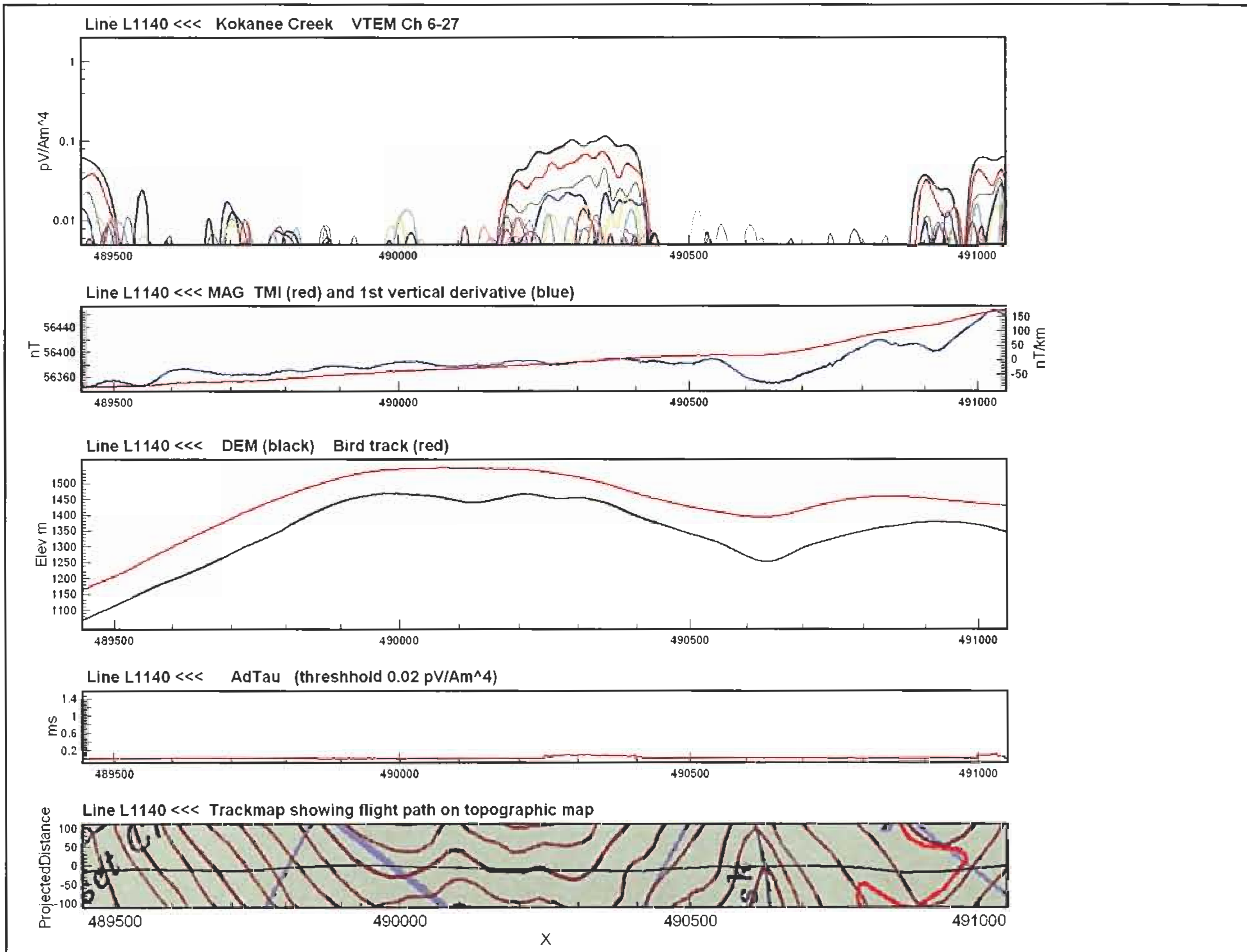
Line L1100 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1100 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56400
56380
56360
56340
nT/km
100
50
0
-50
-100
489500
490000
490500
Line L1100 <<< DEM (black) Bird track (red)
Elev m
1350
1300
1250
1200
1150
1100
1050
1000
950
489500
490000
490500
Line L1100 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.4
1
0.6
0.2
489500
490000
490500
Line L1100 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X

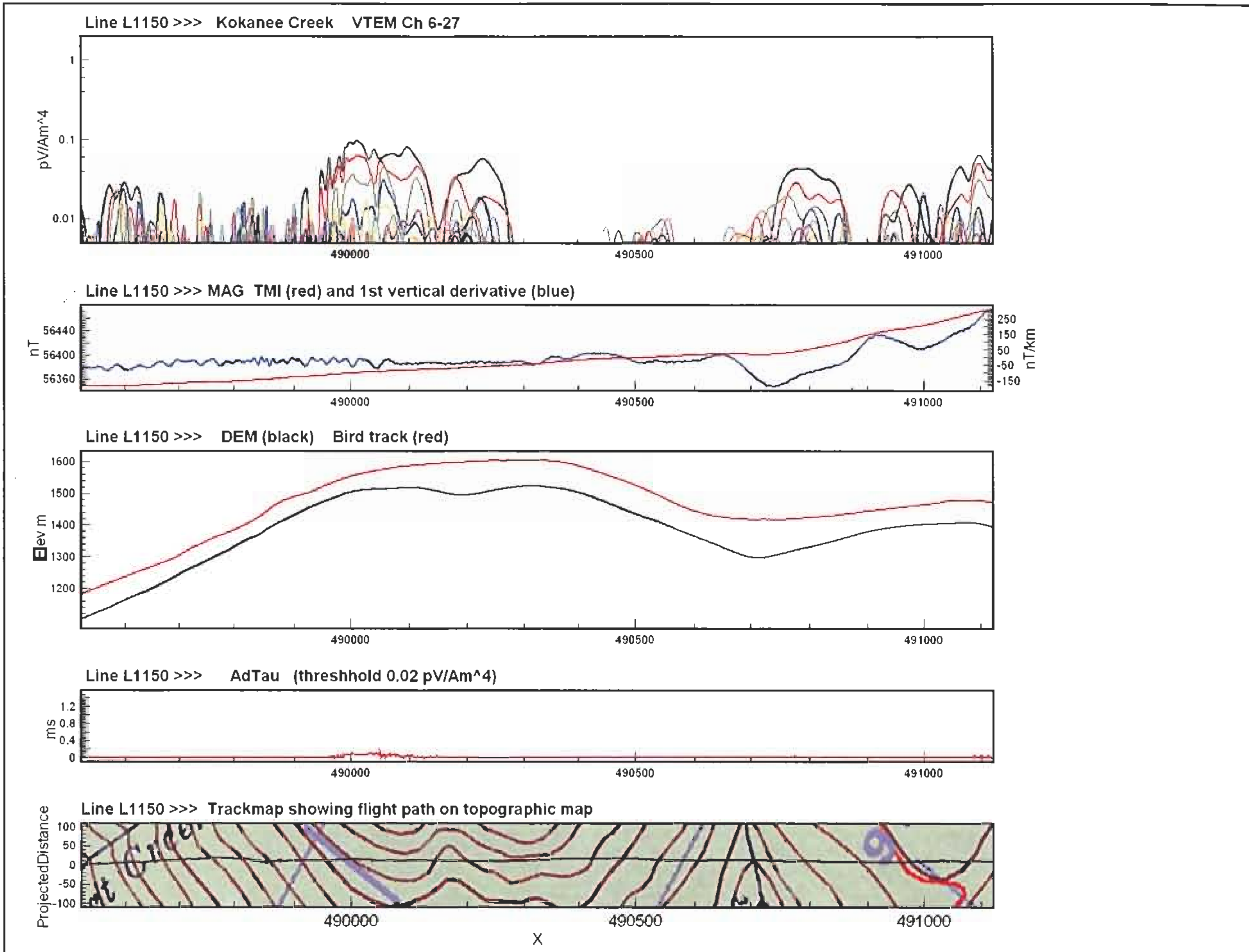


Line L1110 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1110 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56400
56380
56360
56340
100
0
-100
nT/km
489500
490000
490500
Line L1110 >>> DEM (black) Bird track (red)
Elev m
1350
1300
1250
1200
1150
1100
1050
1000
950
489500
490000
490500
Line L1110 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1110 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X

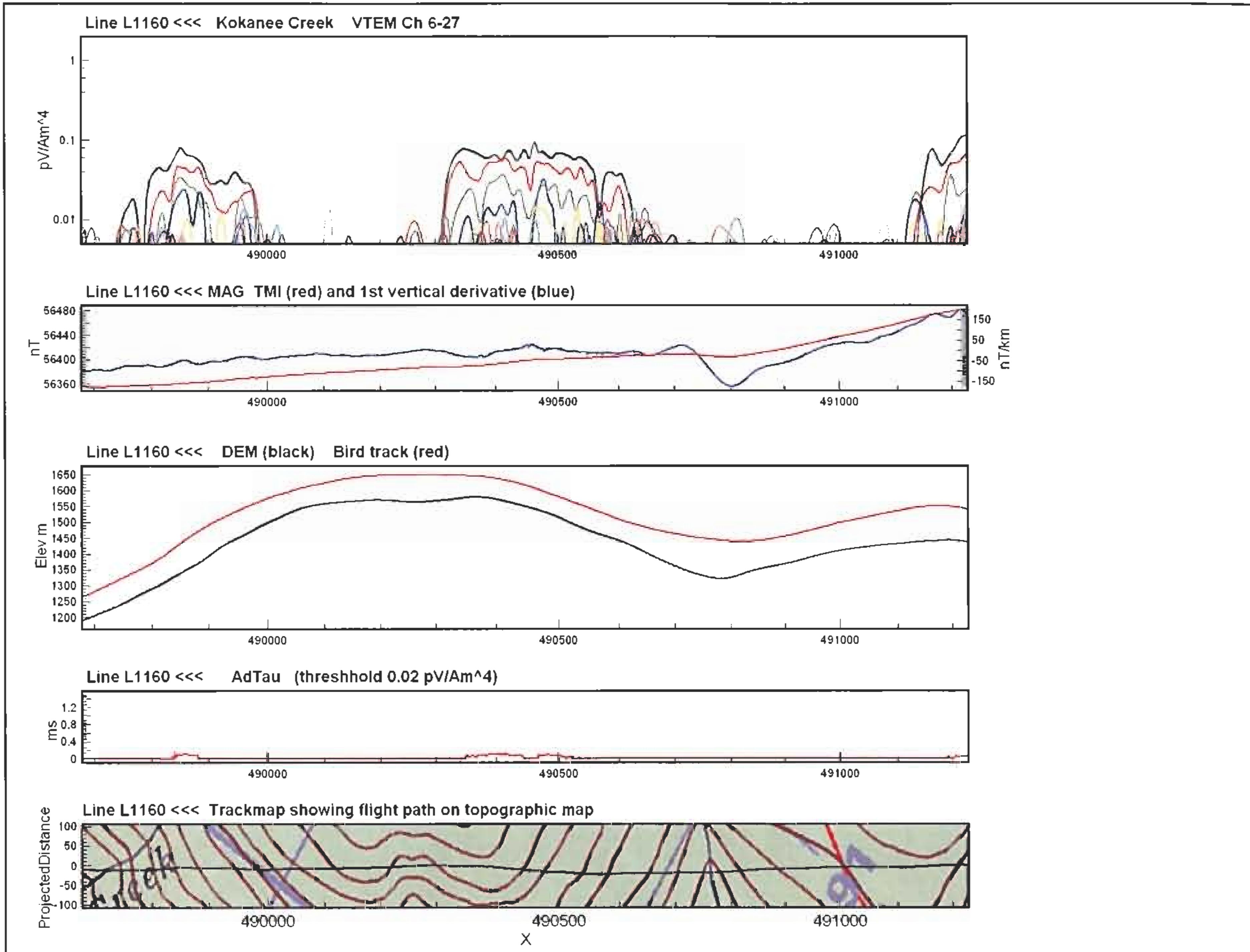

Line L1120 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1120 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56440
56420
56400
56380
56360
56340
nT/km
100
50
0
-50
-100
489500
490000
490500
Line L1120 <<< DEM (black) Bird track (red)
Elev m
1400
1350
1300
1250
1200
1150
1100
1050
1000
489500
490000
490500
Line L1120 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1120 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X


Line L1130 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line L1130 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56380
56340
100
50
0
-50
-100
nT/km
489500
490000
490500
Line L1130 >>> DEM (black) Bird track (red)
Elev m
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
489500
490000
490500
Line L1130 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
Line L1130 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
X

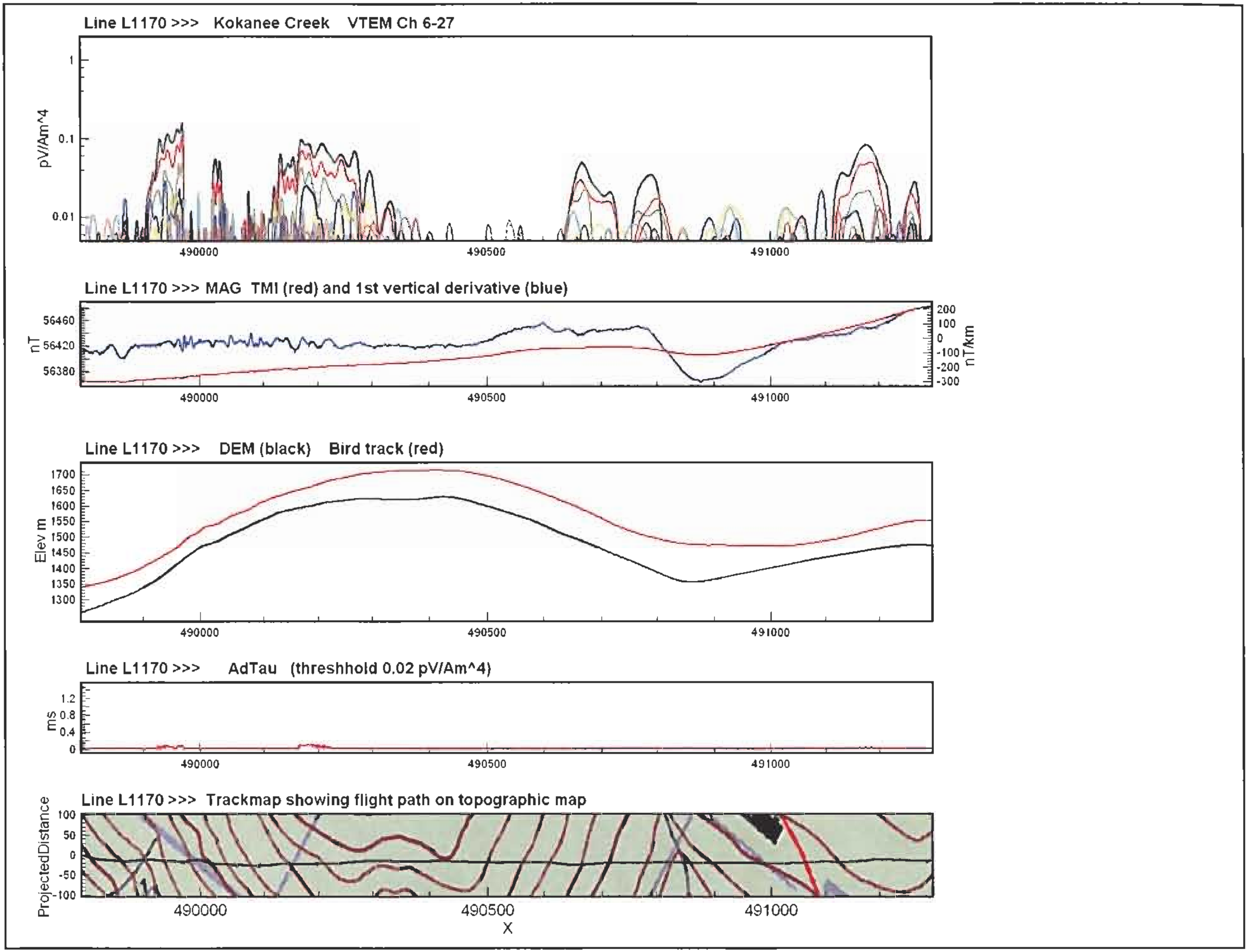

Line L1140 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
491000
Line L1140 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56440
56400
56360
150
100
50
0
-50
nT/km
489500
490000
490500
491000
Line L1140 <<< DEM (black) Bird track (red)
Elev m
1500
1450
1400
1350
1300
1250
1200
1150
1100
489500
490000
490500
491000
Line L1140 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.4
1
0.6
0.2
489500
490000
490500
491000
Line L1140 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
489500
490000
490500
491000
X



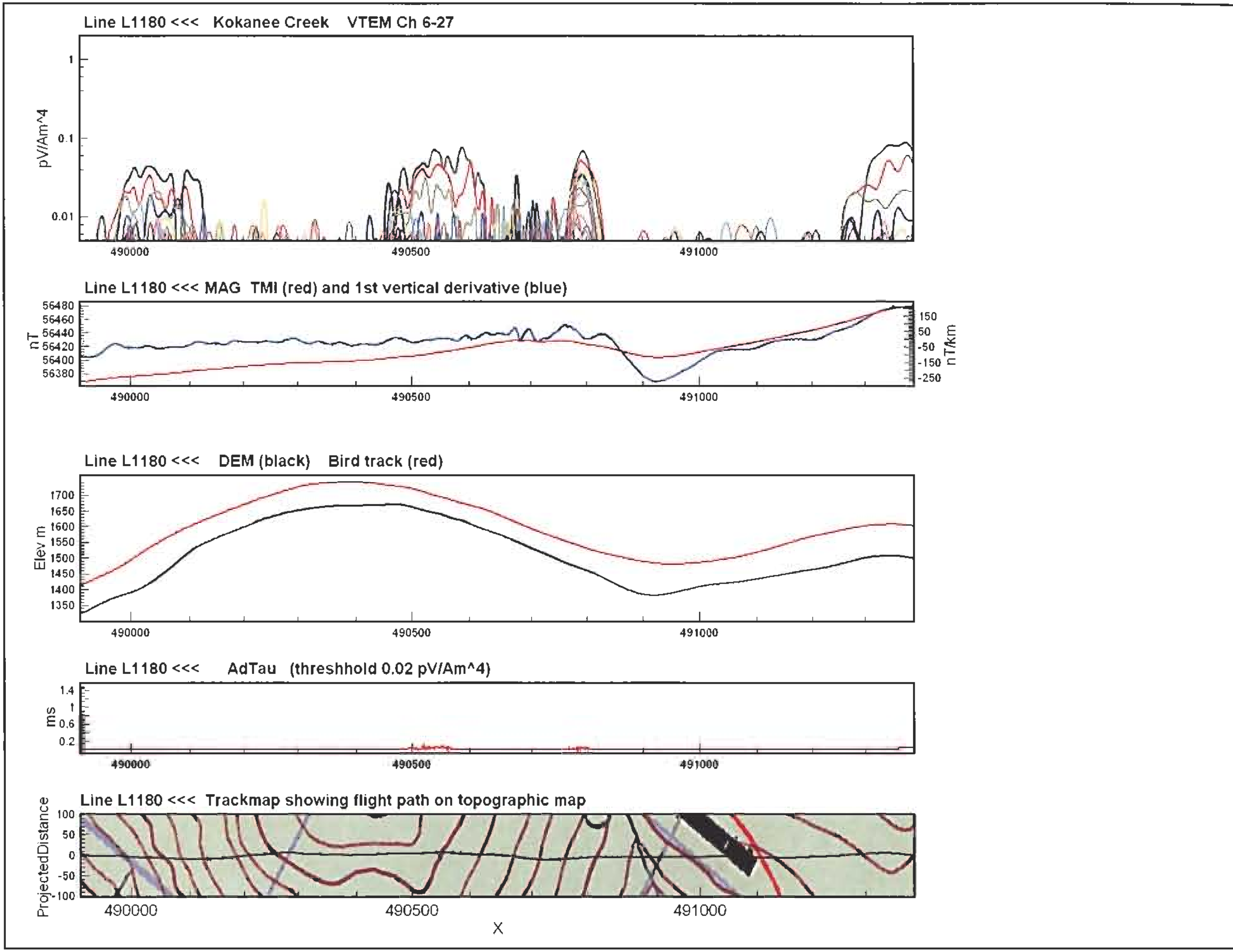
Line L1150 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490000
490500
491000
Line L1150 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56440
56400
56360
250
150
50
-50
-150
nT/km
490000
490500
491000
Line L1150 >>> DEM (black) Bird track (red)
Elev m
1600
1500
1400
1300
1200
490000
490500
491000
Line L1150 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490000
490500
491000
Line L1150 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
490000
490500
491000
X

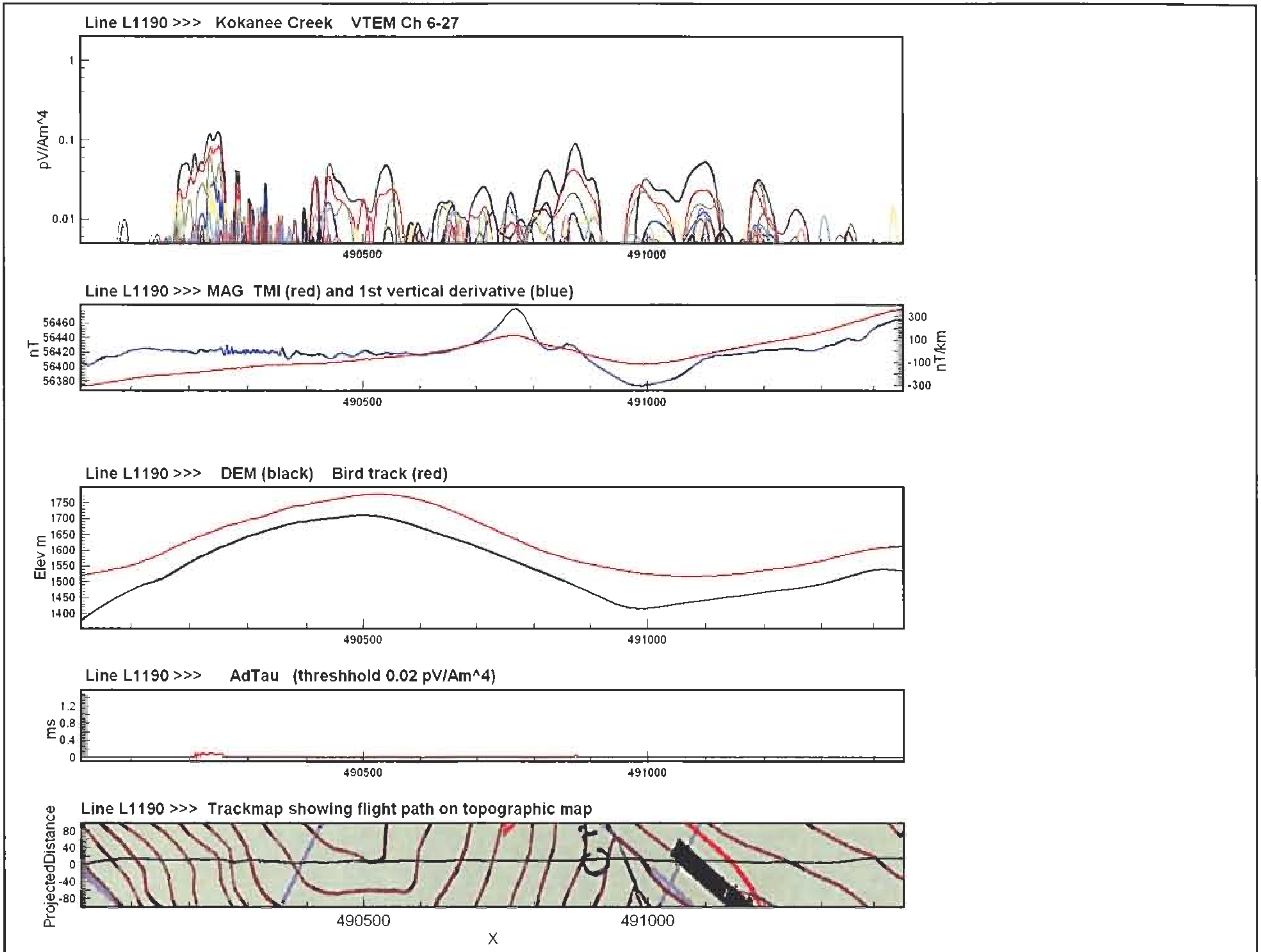


Line L1160 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490000
490500
491000
Line L1160 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56480
56440
56400
56360
150
50
-50
-150
nT/km
490000
490500
491000
Line L1160 <<< DEM (black) Bird track (red)
Elev m
1650
1600
1550
1500
1450
1400
1350
1300
1250
1200
490000
490500
491000
Line L1160 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490000
490500
491000
Line L1160 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
490000
490500
491000
X



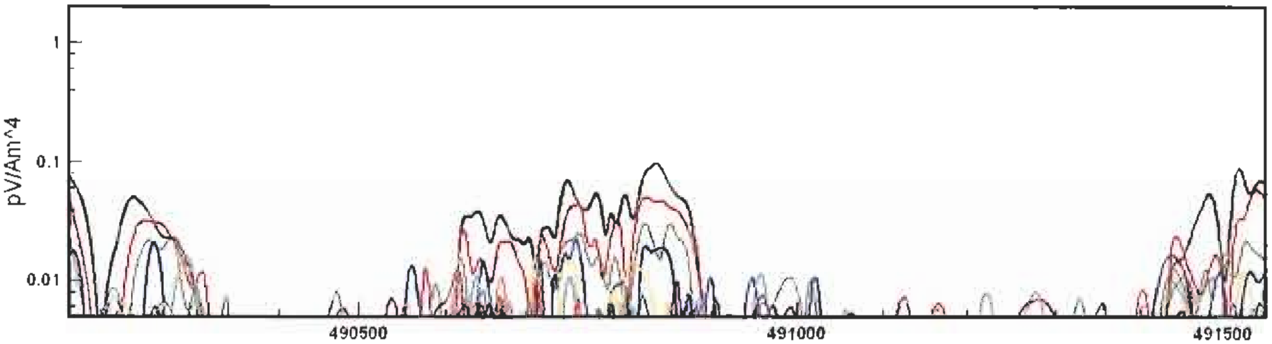
Line L1170 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490000
490500
491000
Line L1170 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56460
56420
56380
200
100
0
-100
-200
-300
nT/km
490000
490500
491000
Line L1170 >>> DEM (black) Bird track (red)
Elev m
1700
1650
1600
1550
1500
1450
1400
1350
1300
490000
490500
491000
Line L1170 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490000
490500
491000
Line L1170 >>> Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
490000
490500
491000
X


Line L1180 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490000
490500
491000
Line L1180 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56480
56460
56440
56420
56400
56380
150
50
-50
-150
-250
nT/km
490000
490500
491000
Line L1180 <<< DEM (black) Bird track (red)
Elev m
1700
1650
1600
1550
1500
1450
1400
1350
490000
490500
491000
Line L1180 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.4
1
0.6
0.2
490000
490500
491000
Line L1180 <<< Trackmap showing flight path on topographic map
ProjectedDistance
100
50
0
-50
-100
490000
490500
491000
X

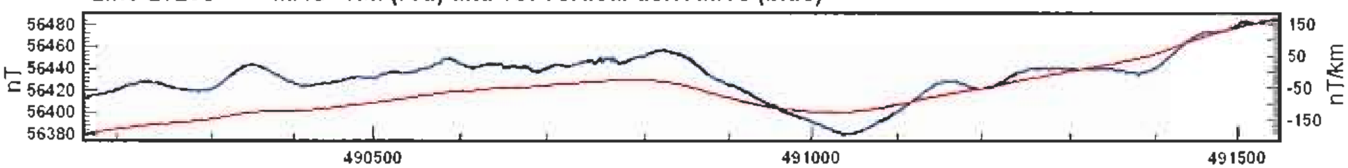


Line L1190 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490500
491000
Line L1190 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56460
56440
56420
56400
56380
300
100
-100
-300
nT/km
490500
491000
Line L1190 >>> DEM (black) Bird track (red)
Elev m
1750
1700
1650
1600
1550
1500
1450
1400
490500
491000
Line L1190 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490500
491000
Line L1190 >>> Trackmap showing flight path on topographic map
ProjectedDistance
80
40
0
-40
-80
490500
491000
X

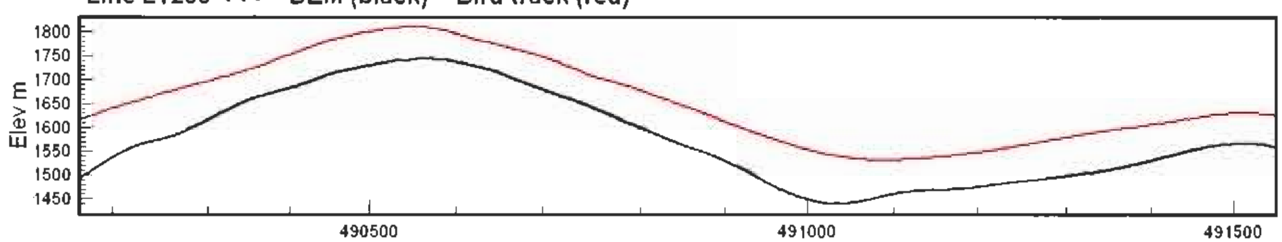
Line L1200 <<< Kokanee Creek VTEM Ch 6-27



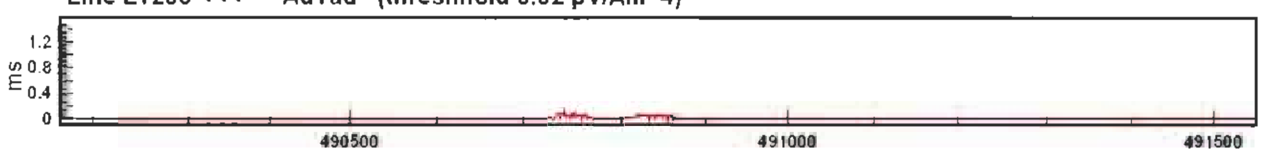
Line L1200 <<< MAG TMI (red) and 1st vertical derivative (blue)



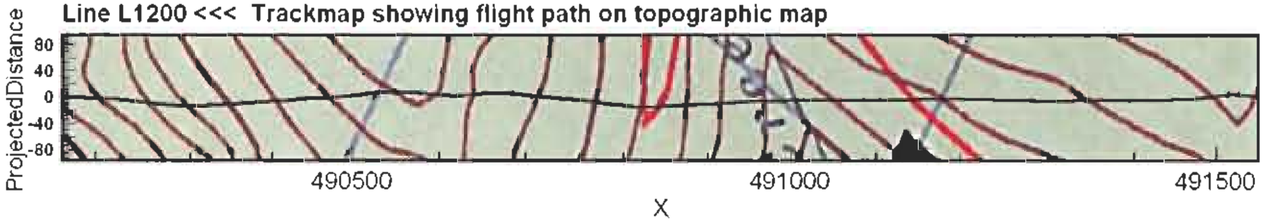
Line L1200 <<< DEM (black) Bird track (red)

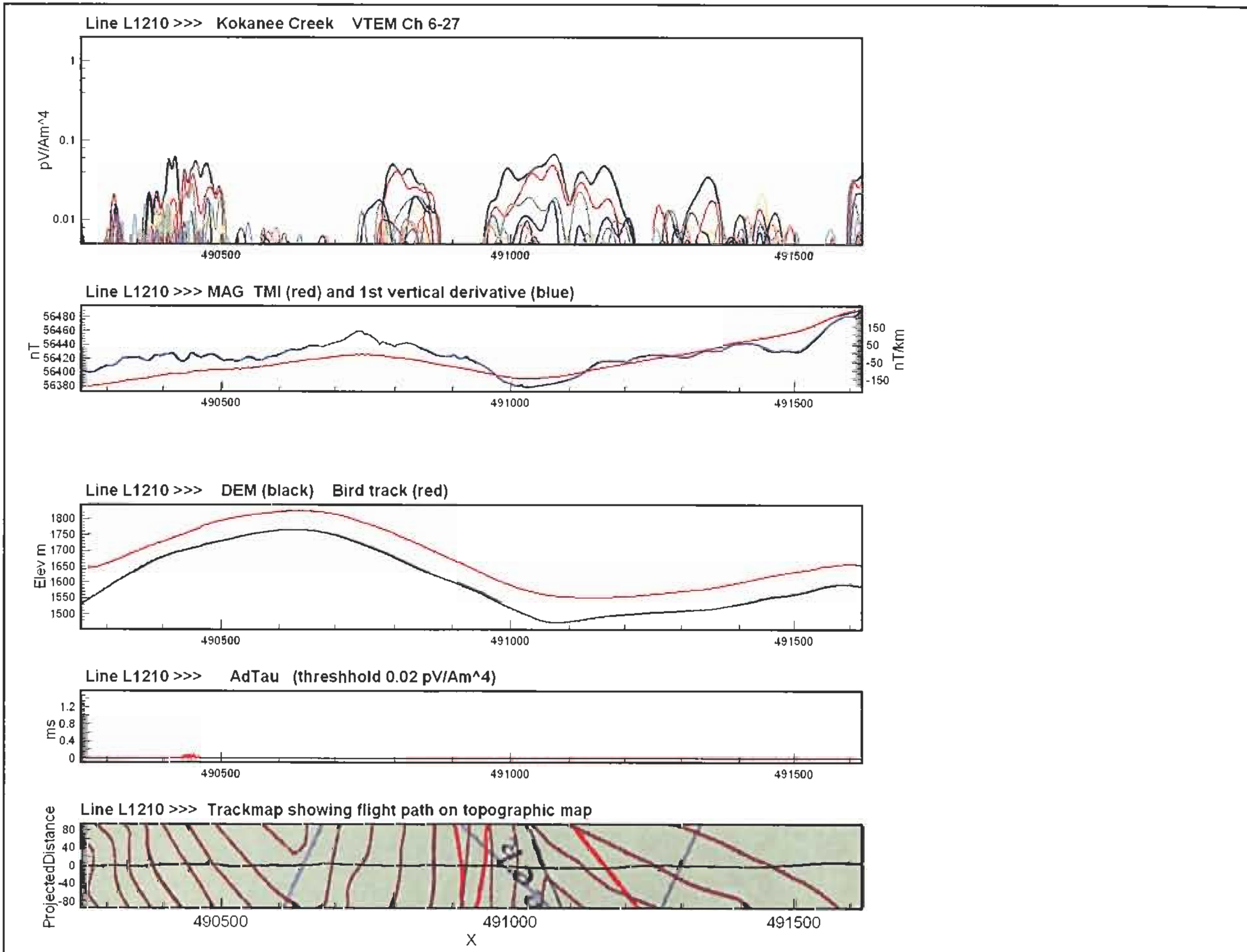


Line L1200 <<< AdTau (threshhold 0.02 pV/Am^4)

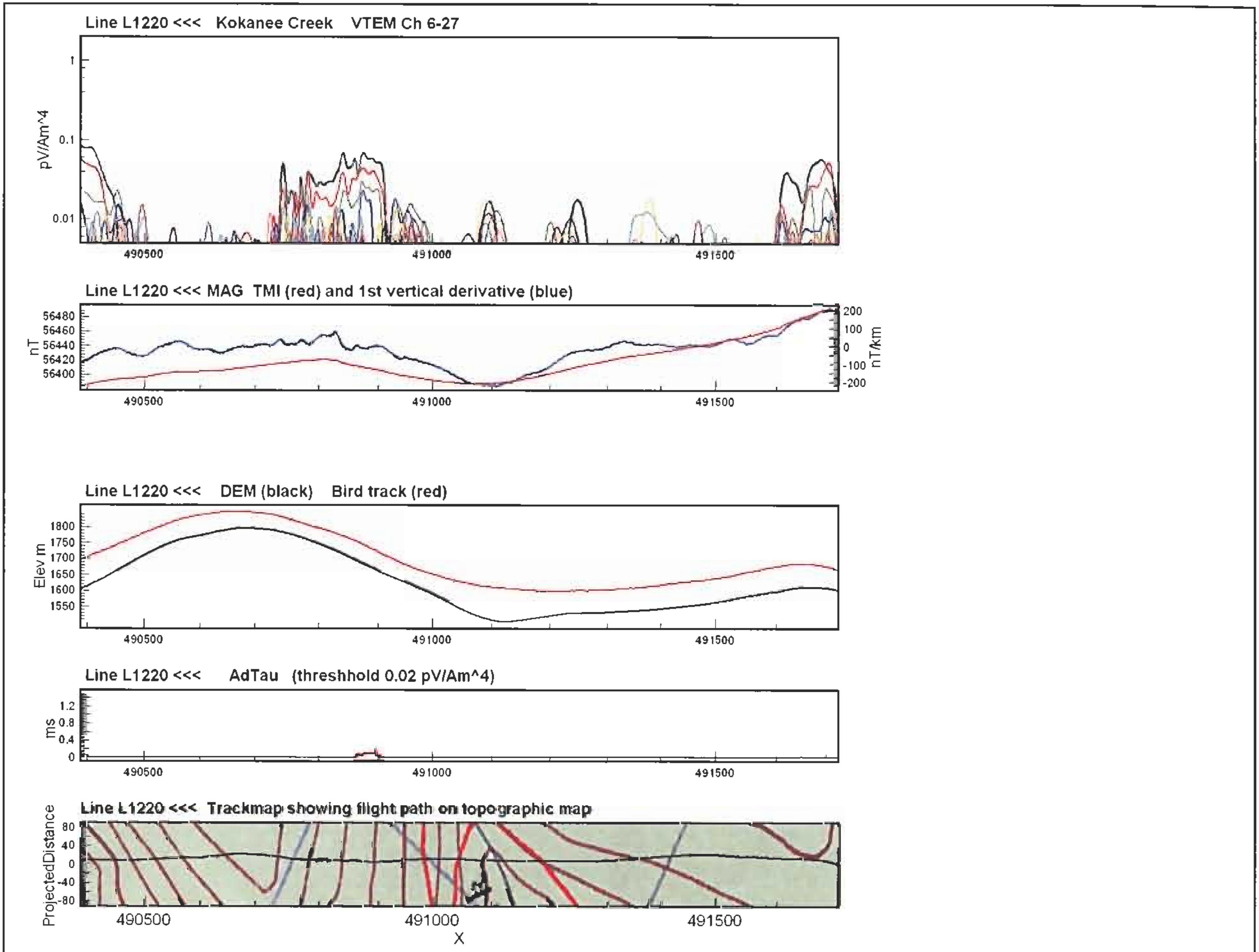


Line L1200 <<< Trackmap showing flight path on topographic map

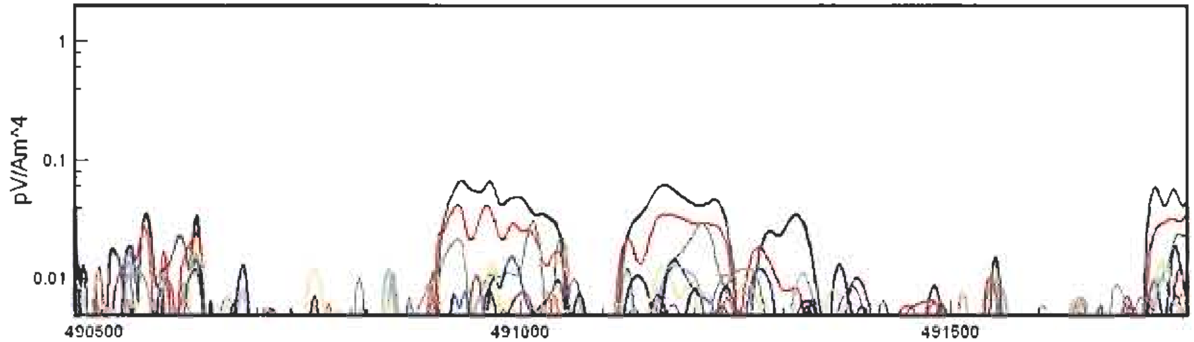




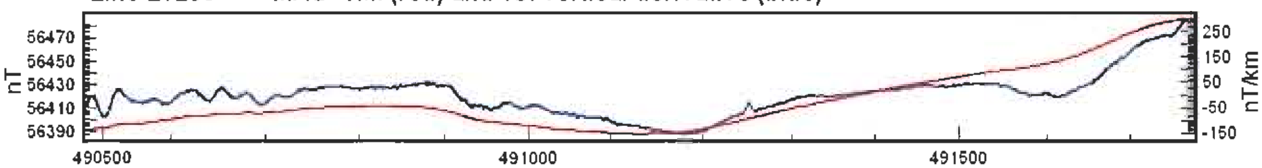
Line L1210 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490500
491000
491500
Line L1210 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56480
56460
56440
56420
56400
56380
nT/km
150
50
-50
-150
490500
491000
491500
Line L1210 >>> DEM (black) Bird track (red)
Elev m
1800
1750
1700
1650
1600
1550
1500
490500
491000
491500
Line L1210 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490500
491000
491500
Line L1210 >>> Trackmap showing flight path on topographic map
ProjectedDistance
80
40
0
-40
-80
490500
491000
491500
X


Line L1220 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490500
491000
491500
Line L1220 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56480
56460
56440
56420
56400
200
100
0
-100
-200
nT/km
490500
491000
491500
Line L1220 <<< DEM (black) Bird track (red)
Elev m
1800
1750
1700
1650
1600
1550
490500
491000
491500
Line L1220 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490500
491000
491500
Line L1220 <<< Trackmap showing flight path on topographic map
ProjectedDistance
80
40
0
-40
-80
490500
491000
491500
X

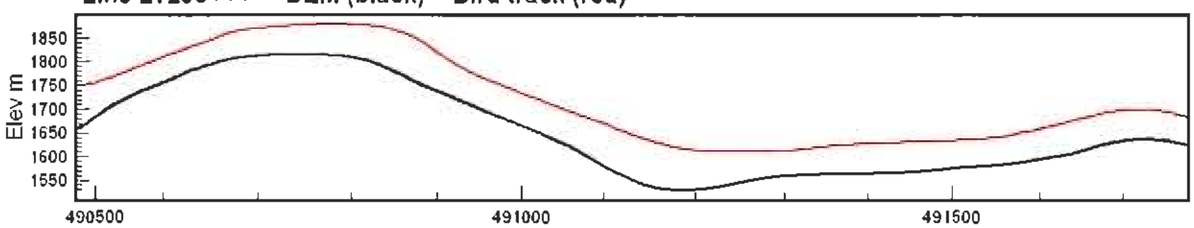
Line L1230 >>> Kokanee Creek VTEM Ch 6-27



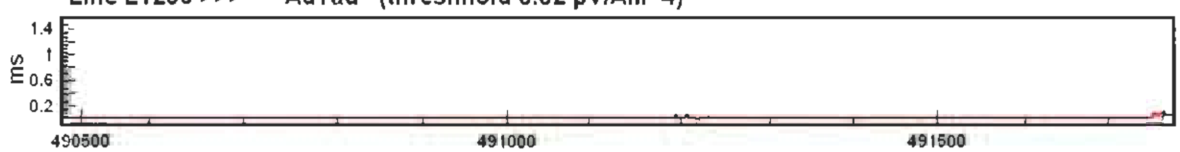
Line L1230 >>> MAG TMI (red) and 1st vertical derivative (blue)



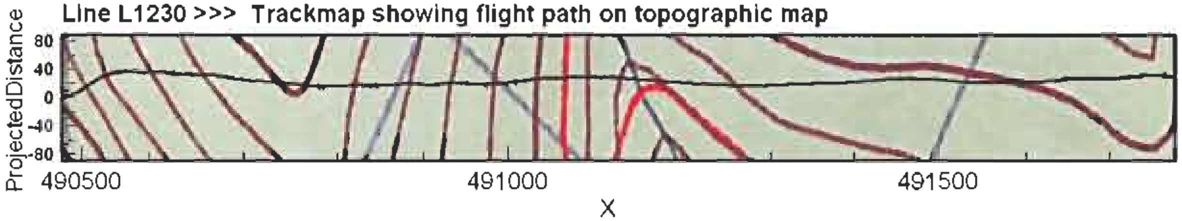
Line L1230 >>> DEM (black) Bird track (red)

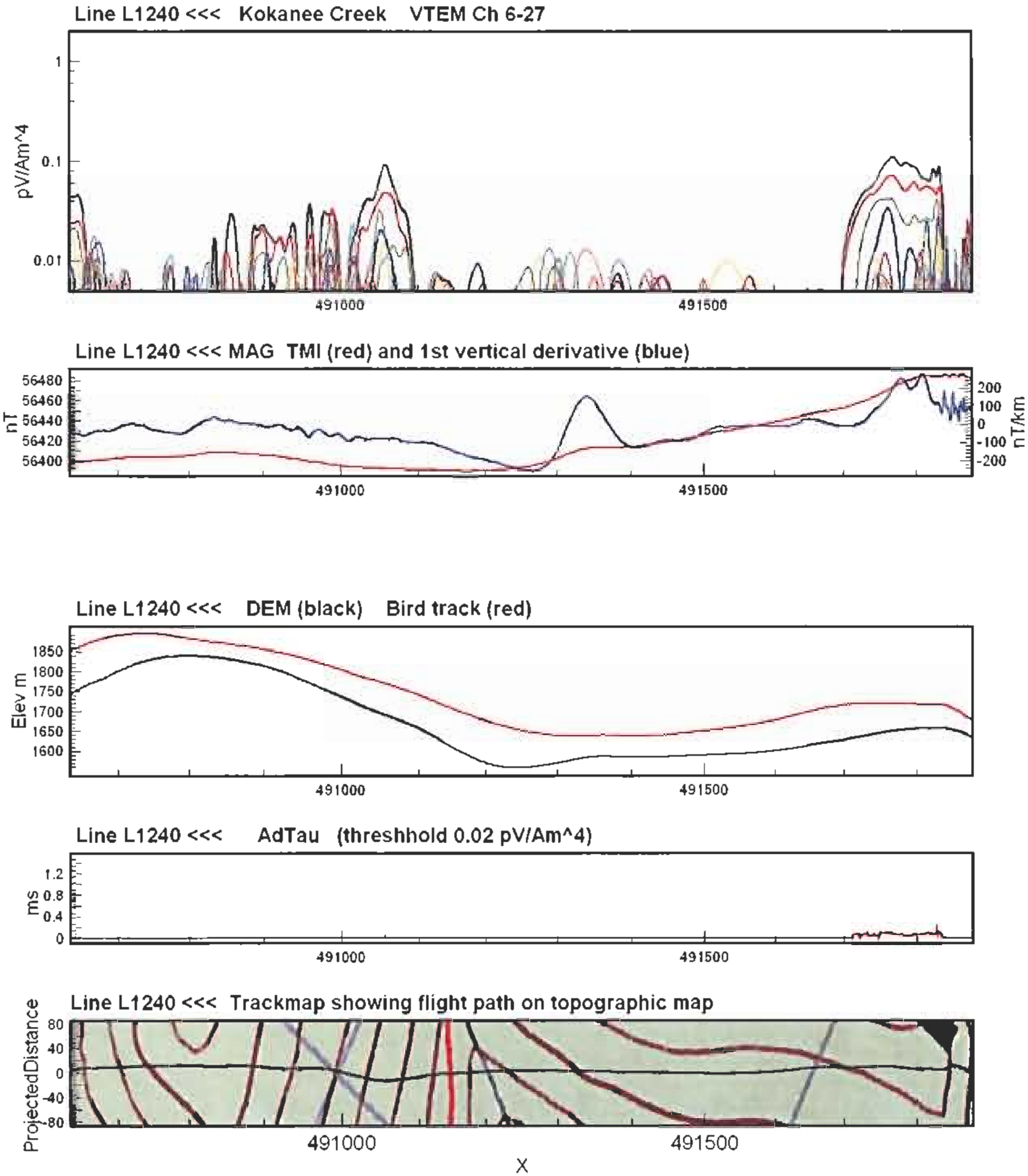


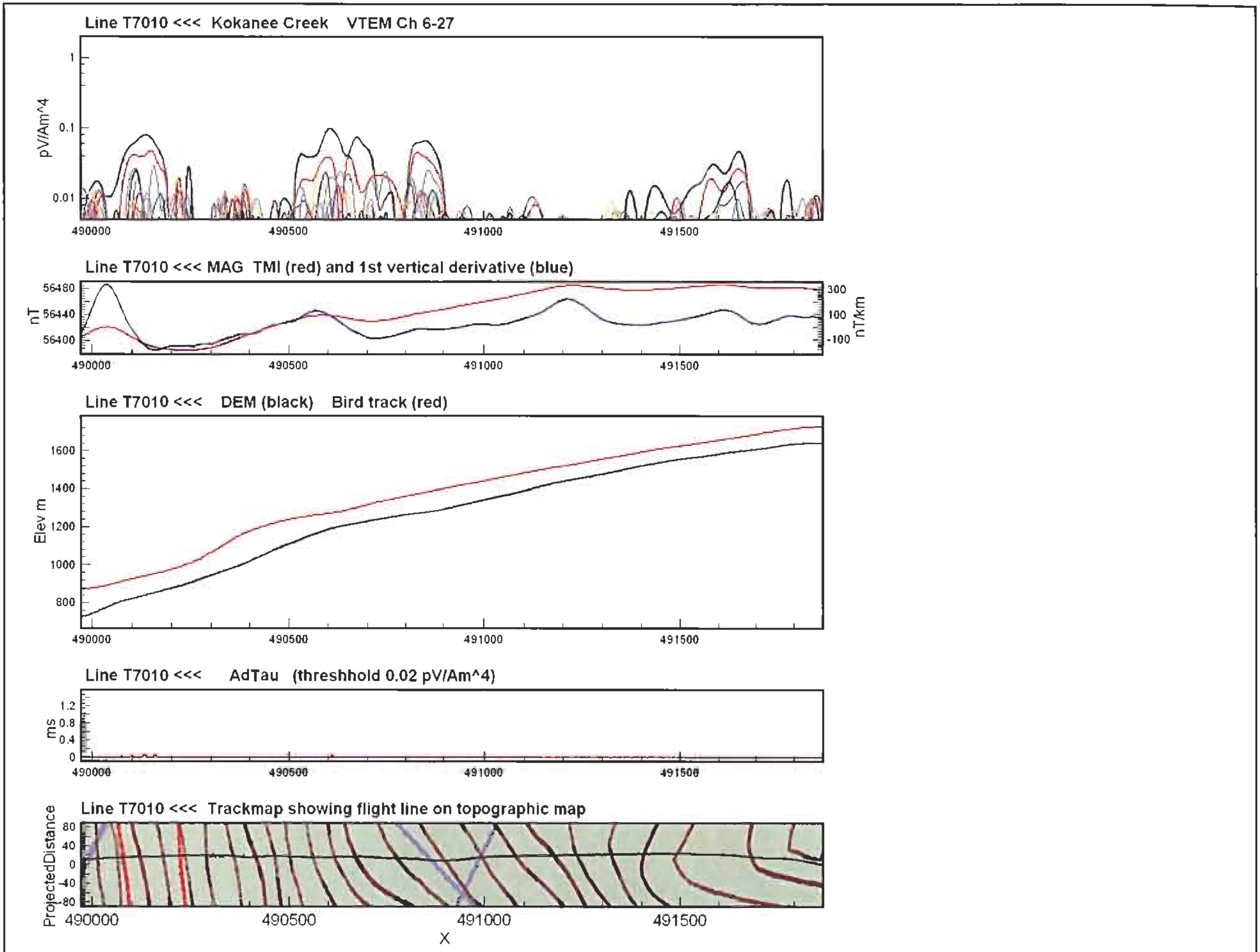
Line L1230 >>> AdTau (threshhold 0.02 pV/Am^4)

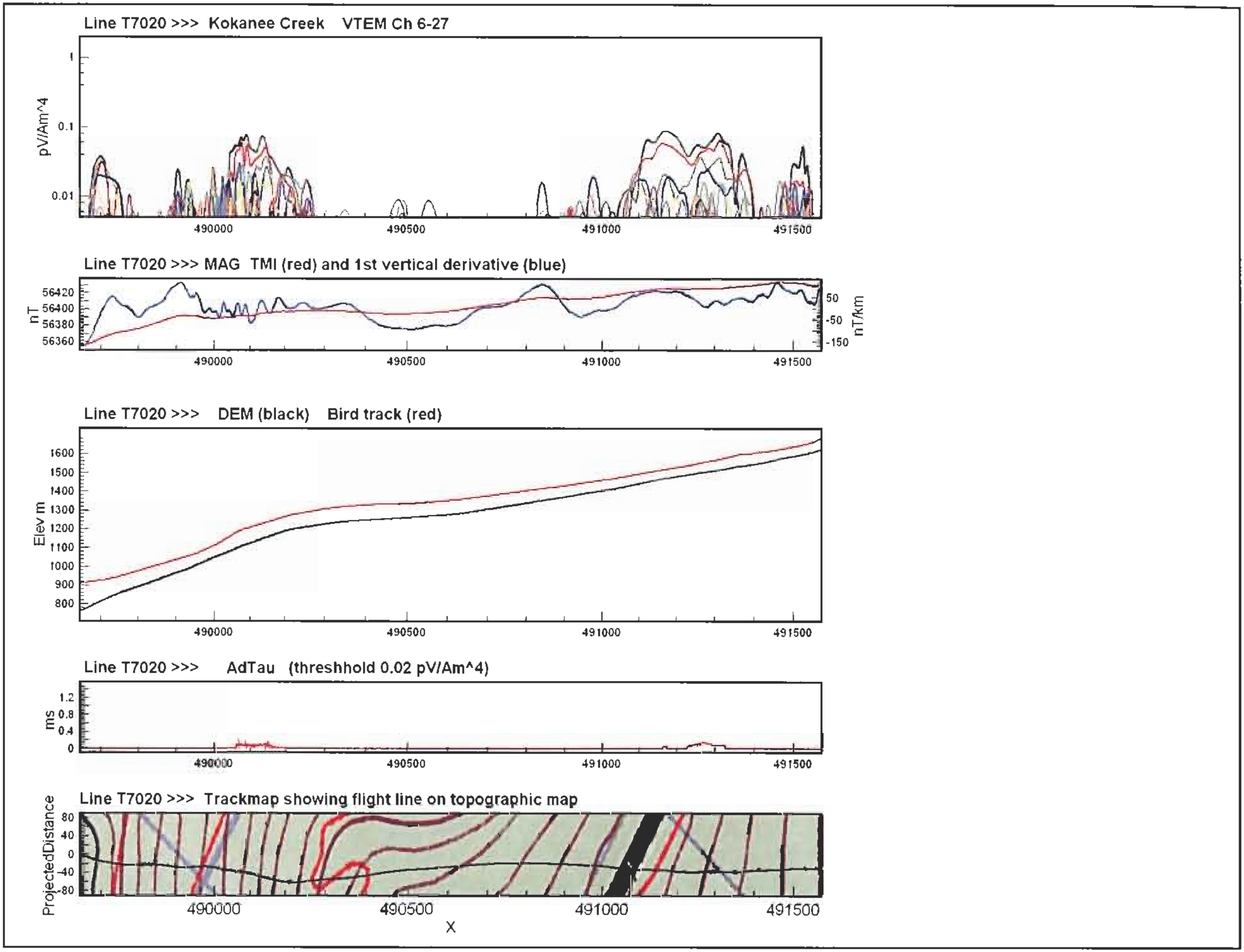


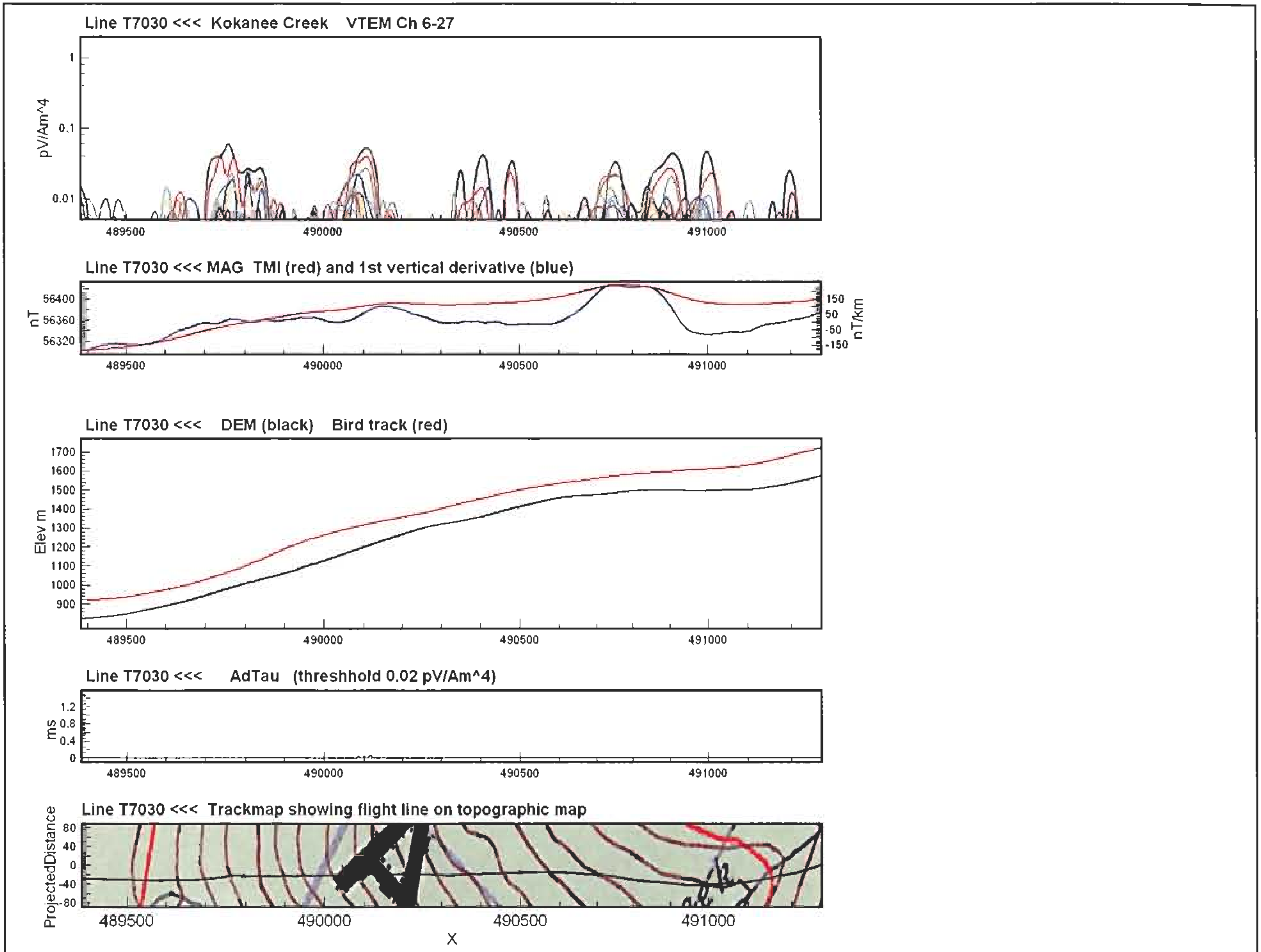
Line L1230 >>> Trackmap showing flight path on topographic map

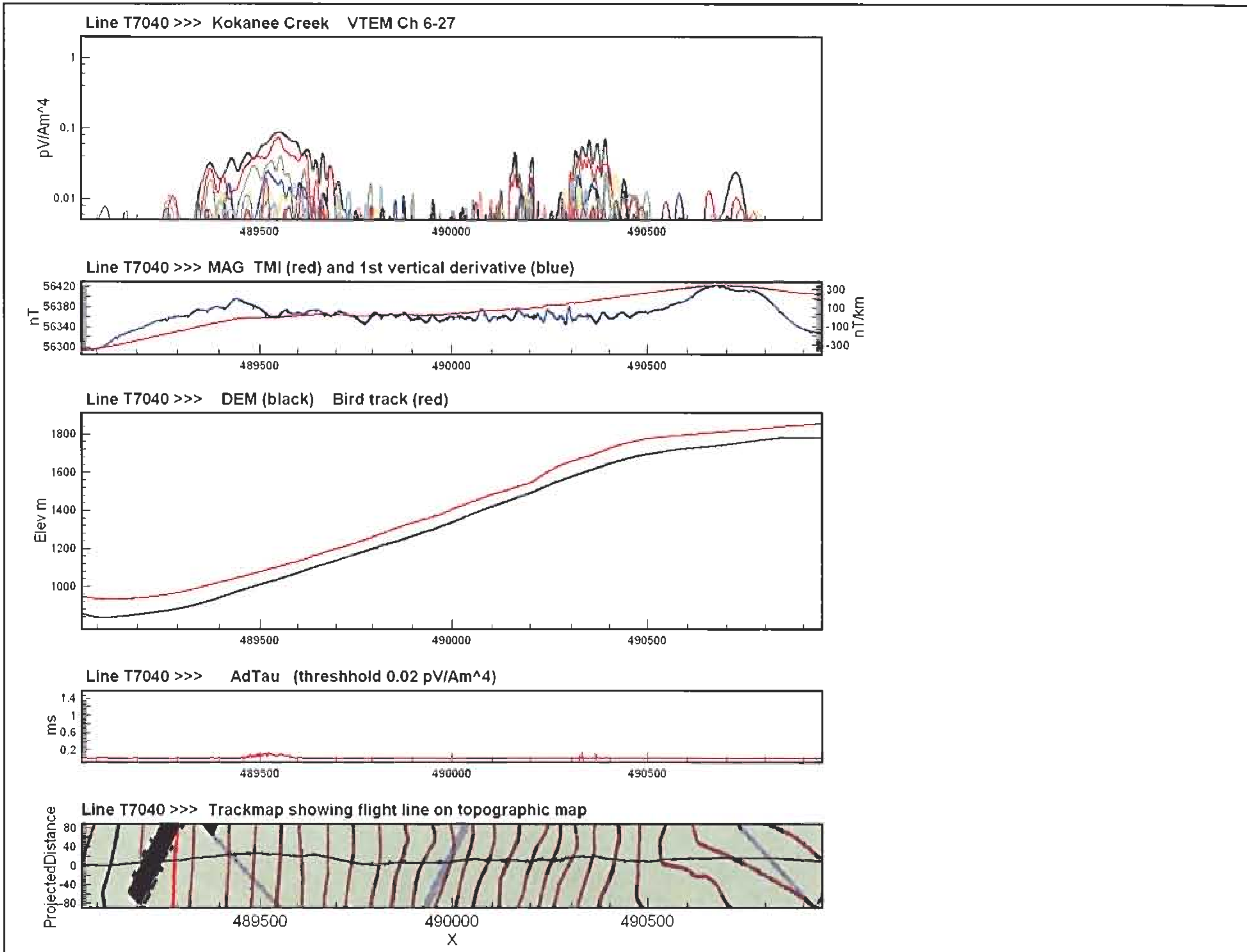



Line L1240 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
491000
491500
Line L1240 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56480
56460
56440
56420
56400
200
100
0
-100
-200
nT/km
491000
491500
Line L1240 <<< DEM (black) Bird track (red)
Elev m
1850
1800
1750
1700
1650
1600
491000
491500
Line L1240 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
491000
491500
Line L1240 <<< Trackmap showing flight path on topographic map
ProjectedDistance
80
40
0
-40
-80
491000
491500
X

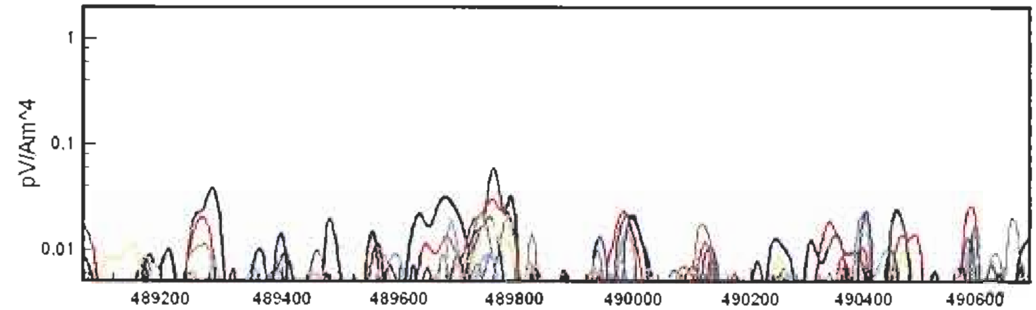

Line T7010 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490000
490500
491000
491500
Line T7010 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56480
56440
56400
300
100
-100
nT/km
490000
490500
491000
491500
Line T7010 <<< DEM (black) Bird track (red)
Elev m
1600
1400
1200
1000
800
490000
490500
491000
491500
Line T7010 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
490000
490500
491000
491500
Line T7010 <<< Trackmap showing flight line on topographic map
ProjectedDistance
80
40
0
-40
-80
490000
490500
491000
491500
X


Line T7020 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
490000
490500
491000
491500
Line T7020 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56400
56380
56360
50
-50
-150
nT/km
Line T7020 >>> DEM (black) Bird track (red)
Elev m
1600
1500
1400
1300
1200
1100
1000
900
800
Line T7020 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
Line T7020 >>> Trackmap showing flight line on topographic map
ProjectedDistance
80
40
0
-40
-80
X

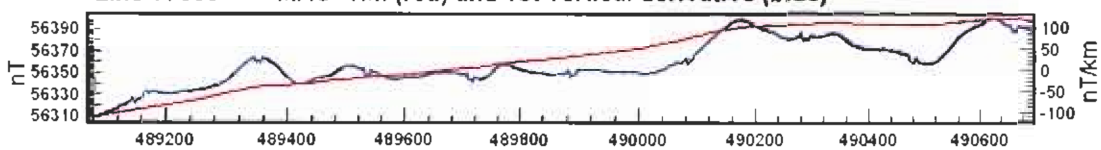

Line T7030 <<< Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
491000
Line T7030 <<< MAG TMI (red) and 1st vertical derivative (blue)
nT
56400
56360
56320
150
50
-50
-150
nT/km
489500
490000
490500
491000
Line T7030 <<< DEM (black) Bird track (red)
Elev m
1700
1600
1500
1400
1300
1200
1100
1000
900
489500
490000
490500
491000
Line T7030 <<< AdTau (threshhold 0.02 pV/Am^4)
ms
1.2
0.8
0.4
0
489500
490000
490500
491000
Line T7030 <<< Trackmap showing flight line on topographic map
ProjectedDistance
80
40
0
-40
-80
489500
490000
490500
491000
X


Line T7040 >>> Kokanee Creek VTEM Ch 6-27
pV/Am^4
1
0.1
0.01
489500
490000
490500
Line T7040 >>> MAG TMI (red) and 1st vertical derivative (blue)
nT
56420
56380
56340
56300
300
100
-100
-300
nT/km
489500
490000
490500
Line T7040 >>> DEM (black) Bird track (red)
Elev m
1800
1600
1400
1200
1000
489500
490000
490500
Line T7040 >>> AdTau (threshhold 0.02 pV/Am^4)
ms
1.4
1
0.6
0.2
489500
490000
490500
Line T7040 >>> Trackmap showing flight line on topographic map
ProjectedDistance
80
40
0
-40
-80
489500
490000
490500
X

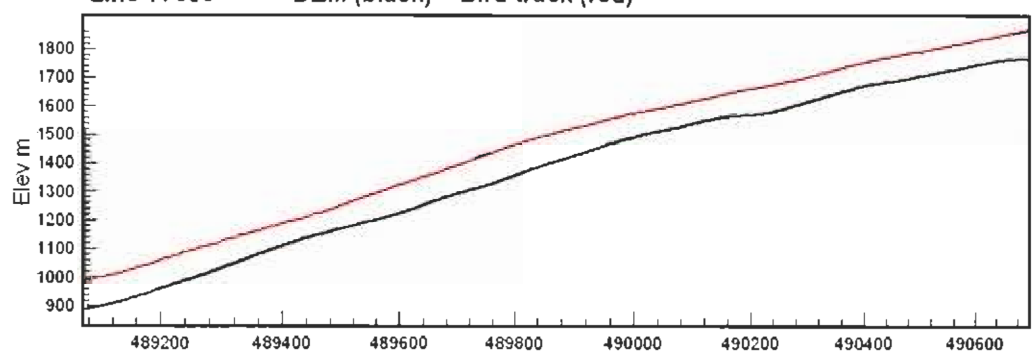
Line T7050 <<< Kokanee Creek VTEM Ch 6-27



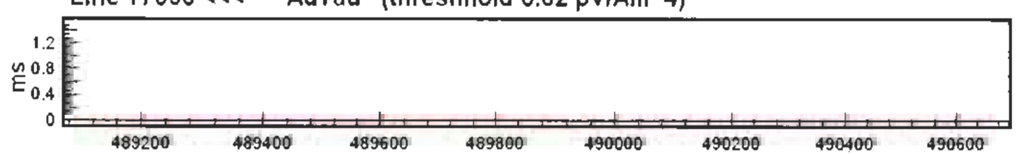
Line T7050 <<< MAG TMI (red) and 1st vertical derivative (blue)



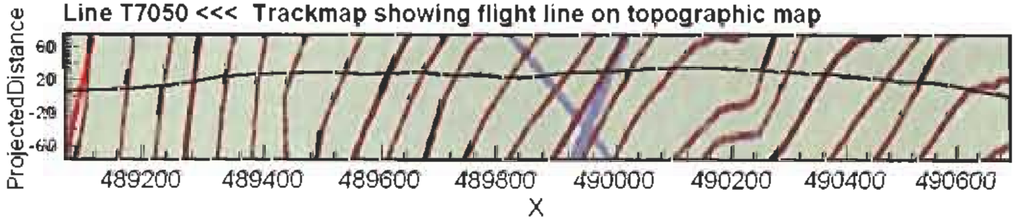
Line T7050 <<< DEM (black) Bird track (red)



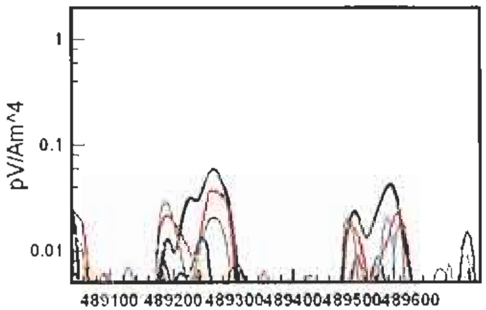
Line T7050 <<< AdTau (threshhold 0.02 pV/Am^4)



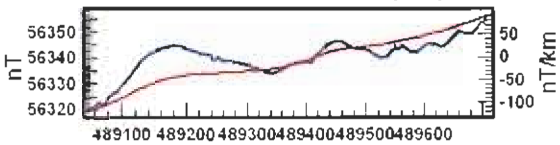
Line T7050 <<< Trackmap showing flight line on topographic map



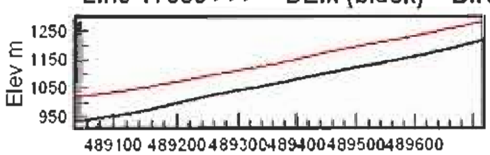
Line T7060 >>> Kokanee Creek   VTEM Ch 6-27



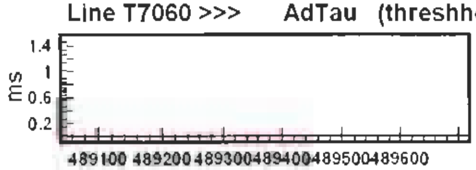
Line T7060 >>> MAG TMI (red) and 1st vertical derivative (blue)



Line T7060 >>>   DEM (black)   Bird track (red)



Line T7060 >>>   AdTau   (threshhold 0.02 pV/Am^4)



Line T7060 >>> Trackmap showing flight line on topographic map