REPORT ON THE GEOLOGY, GEOPHYSICS, GEOCHEMISTRY AND DRILLING ON THE BEND PROPERTY

Golden Mining Division
NTS 83 D/1 & 82M/16
Lat: 52°02' Long: 118°14'

Owner: Cominco Ltd.
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SUMMARY

A sequence of limestones and calcareous mica and garnet schists belonging to the Kinbasket and Tsar Creek Formations were observed across the property on either side of the Cummins River canyon.

A ground Pulse E-M survey delineated an open-ended E-M anomaly extending between lines 3+00S northward to line 22+00N. The anomaly strikes 130°, approximately coplanar with observed stratigraphy.

Narrow, strong conductive horizons coincident with the mineralized horizons were recognized by the downhole EM survey of holes TK-92-1 and TK-92-2. The surface EM anomaly correlates with mineralization encountered in the drill holes

Drilling confirmed the presence of the sulphide horizon, similar to that observed within the canyon showing, in all drill holes. The strike extent of the mineralized horizon extends through the entire Bend claims, a distance of approximately 2.7 kilometres.

The results from the 1992 Bend drilling program were encouraging. Of nine drill holes (TK-92-9 was lost in overburden), TK-92-5, TK-92-8 and TK-92-12 intersected a relatively thick sequence of sulphide bearing dolomite.

At best the mineralized horizon assayed 3.58% Zn, 0.84% Pb and 14.97 g/t Ag over 5.24 metres (TK-92-5) which includes 0.35m of 8.50% Zn, 1.78% Pb and 24.68 g/t Ag.

The thickness of the mineralized horizon appears to decrease away from the Cummins River canyon.

The sulphide horizon exhibits characteristics of a large, mineralized basinal environment, with generally decreasing width and increasing Zn/Pb ratios away from the Cummins River canyon.

RECOMMENDATIONS

Good potential for the sulphide horizon still exists within the area down-dip of holes TK-92-8 and TK-92-12 (both north and south of the Cummins River).

However, due to the sub-economic character (grade, mineral assemblage) of the sulphide horizon observed to date, only a limited drilling program at this specific area is warranted to test the mineralizations' continuity and character.

If no change in the character of the sulphide horizon is observed no further work would be recommended.

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1. INTRODUCTION

During 1992, from June through to mid September, a program of VLF, Magnetometer, surface and downhole Pulse EM geophysical surveys, soil sampling, geologic field mapping and drilling was performed by Teck on both the Cominco Bend and the surrounding MGM claim groups.

A total of ten diamond drill holes (2694.5m) were completed on the Bend property. One hole, DDH TK-92-9, was lost in overburden with no core recovery.

This report describes the programs' results and presents an interpretation of the results.

2. LOCATION AND ACCESS

The property lies on the east side of the Rocky Mountain Trench approximately 100km northwest of Golden, B.C. (Figure 1), located both north and south of the confluence of Cummins River and Columbia Reach (Kinbasket Lake). The property is located on NTS map sheet 83D1 and 82M/16, bounded by latitude's 51°59' to the south and 52°05'to the north and longitude's 118°04' to the east and 118°17' to the west.

The property is not road accessible. Helicopter services out of Golden or Revelstoke or a float plane service from Golden are available. Large freight may be brought in by a barge service out of Bush Harbour, located 50km southeast of the claim area.

The property itself is well covered by recent clear cut logging areas and logging roads which are in good driveable condition. Several are present between Cummins river and Tsar creek. Road coverage of the portion of the property lying to the north of Cummins river has been greatly increased by new roads constructed during the 1992 field season.

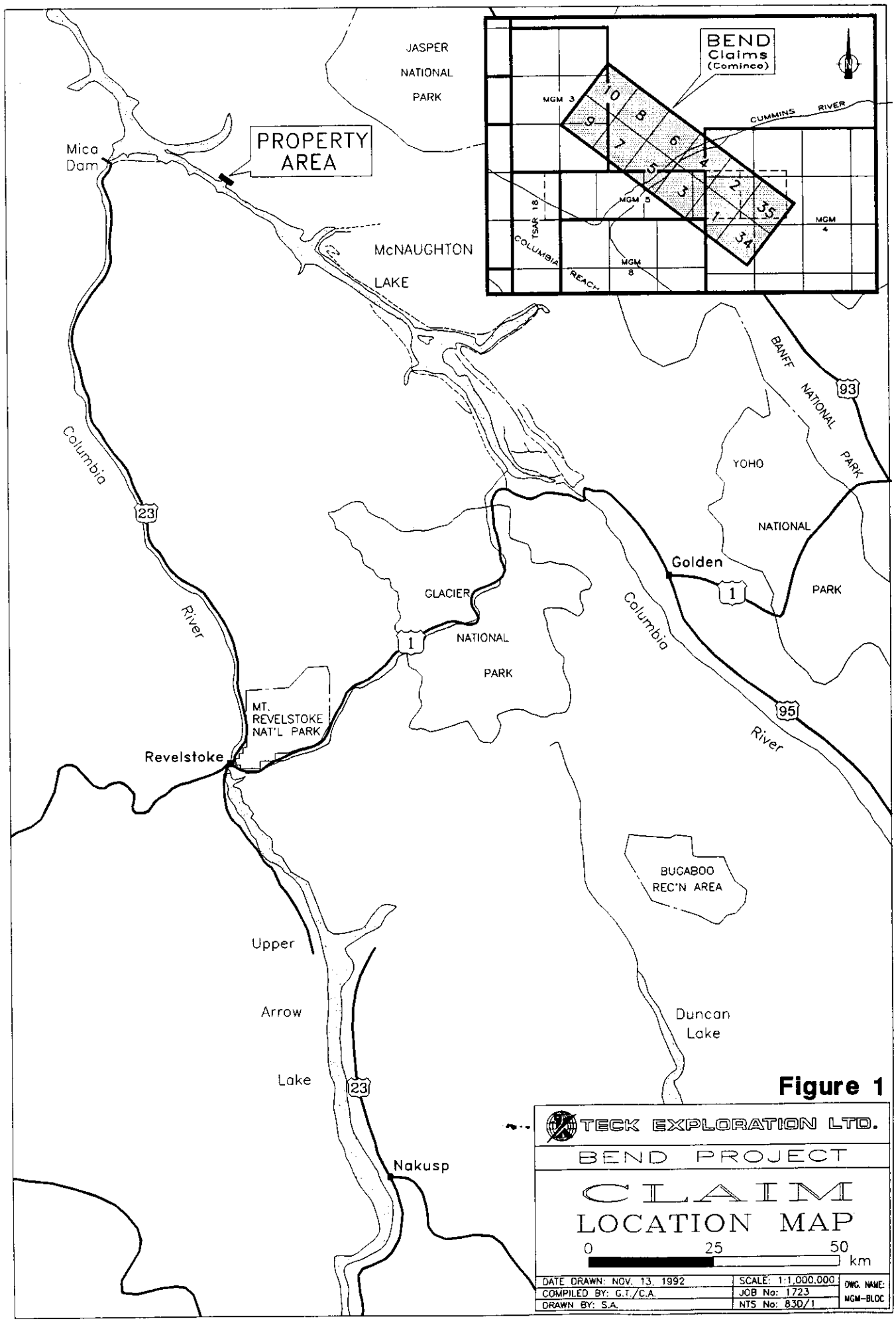

Figure 1

TECK EXPLORATION LTD.

BEND PROJECT

CLAIM LOCATION MAP

0 25 50 km

DATE DRAWN: NOV. 13, 1992	SCALE: 1:1,000,000	DWG. NAME: MGM-BLOC
COMPILED BY: G.T./C.A.	JOB No: 1723	
DRAWN BY: S.A.	NTS No: 83D/1	

3. PHYSIOGRAPHY AND VEGETATION

The property lies within the Interior Wet Belt where precipitation can exceed 100 centimetres per year. Winters in the area are usually long and severe with snowfall often exceeding 9 metres. Water line of the Columbia Reach varies seasonally from approximately 730-765 metres (≈2400-2500 ft).

The entire property is below the treeline which is approximately at 1,970 metres. Slopes are moderate to steep.

Vegetation consists of thick stands of cedar, douglas fir and hemlock at lower elevations giving way to lodgepole pine and balsam fir above 1370 metres. For the most part the property is covered by alluvial sediments ranging in thickness from 1 to 30 metres.

4. CLAIM STATUS

The property is located in the Golden mining division. The property is 100% owned by Cominco Ltd. and currently held in trust by Teck Corporation with a option agreement for Teck to obtain a 50% interest in the property. The present Bend Group comprises 12 two-post claim units as follows:

Table 1.

Claim Data

CLAIMS	RECORD NO.S	RECORD DATE	EXPIRY DATE
Bend 1-10	213889 to 213898	SEPT/06/66	SEPT/06/2002
Bend 34 & 35	213899 & 213900	JUNE/22/67	JUNE/22/2002
Total: 12 Units			

The current claim configuration for the property is shown on Figure 1.

TABLE 2 5. PREVIOUS WORK

YEAR	COMPANY	WORK	RESULTS
1940		Big Bend highway Construction	Discovered Canyon zone on Cummins river.
1949		First claims staked	Claims lapsed.
1966	Cominco Ltd.	Staked the Bend group of claims (45 units)	
1967	Cominco Ltd.	Geological mapping 240m of drilling (13 holes) Trenched main showing on either side of Cummins river	Outlined the Canyon zone to be a stratiform body of massive sulphide mineralization yielding an average width of 6.5m of 3% combined Zn-Pb & 0.25 oz/t Ag. Considered occurrence to be of 'fissure vein' type.
1968-1974	Cominco Ltd.		Cominco gradually reduced claim group to the 12 now currently being held.
1970	Laura Mines Ltd.	Geological mapping Soil sampling ≈490m of drilling (4 holes - canyon showing)	A coincident Pb-Zn geochem anomaly was outlined in the area of the known mineralized structural trend. No other geochemical trend was outlined. Expanded known width of the canyon zone to 8.6m however as a result aggregate grades are lower than Cominco's. Drill results include: Returned property to Cominco.
1979	John Leask & Assoc.	Staked the MGM and the MGM2-4 claims over area previously covered by older Cominco Bend claims. Reconnaissance geological mapping	Reinterpreted the Bend mineral occurrence to be of a shale hosted massive sulphide type similar to the Cirque and Howards Pass deposits.
1981	E&B Explorations Inc.	Geological mapping	Related the north road showing, the canyon showing and a pyrrhotite showing within the Tsar creek area to one conformable mineralized unit with a strike length of approximately 12 kilometres.
1983	Riocanex	Carried out Magnetic, VLF-EM and SE-88 Genie surveys over the MGM and the MGM 2,3 and 7 claims. Minor prospecting over the magnetic anomaly.	A magnetometer anomaly, north of the Cummins River, striking ≈110 ° was observed. A slightly weaker mag response was observed over the North Rd. showing. No VLF-EM response was observed over the known mineralization. The mag anomaly was found to be caused by narrow bedding conformable bands of disseminated magnetite within a 'dirty quartzite'.

YEAR	COMPANY	WORK	RESULTS
1985	Esso Minerals Canada	Geological mapping Soil sampling VLF-EM & large loop EM-37 over north rd. showing 211.85m of drilling (2 holes near north rd. showing)	Further outlined the north road showing (3km north of canyon zone) with Zn and Pb soil geochemistry and geologic mapping. The two drill holes intersected weak Zn-Pb mineralization within a siliceous dolomite, however, results neither confirmed nor denied the presence of the massive sulphide extension to the North road area. A picture of greater geological complexity was encountered.
1987	Cominco Ltd.	Geological mapping Road access and drill site construction	Enhanced access to mineralized area south of Cummins River. Observed the stratabound mineralization over a longer strike/dip distance than previously inferred.
1991	Cominco Ltd.	≈1200m of drilling (3 holes)	Traced the mineralized dolomite unit to greater depth and southeasterly extent. DDH C-91-2 provided an 11.2m (structurally thickened) intersection of the sulphide-dolomite unit. Best intersections include C-91-1: 3.29% Zn, 0.86% Pb over 1.93m and 3.36% Zn, 0.86% Pb over 1.8m. C-91-2: 4.68% Zn, 1.02% Pb over 5.4m which includes a 1.25m section of 10.2% Zn, 2.1% Pb. C-91-3: 1.85% Zn, 0.29% Pb over 3.5m.
1991	Teck Expl.	Geologic Mapping Geochemical Sampling HLEM Geophysics 1873.8m of drilling Downhole UTEM survey	Mapped a similar geological sequence to that exposed within the Cummins River 13Km south to Tsar Creek. Indicated and confirmed the presence of the sulphide horizon south to 3Km from Cummins River. Intersections of the sulphide horizon were generally of sub-economic width, best intersections include: TK-91-1: 9.36% Zn, 4.22% Pb, 65.6 g/t Ag over 0.5m. TK-91-3: 4.44% Zn, 3.06% Pb, 34.6 g/t Ag over 0.4m. TK-91-4: 5.82% Zn, 0.76% Pb, 8 g/t Ag over 0.5m.

6. 1992 PROGRAM

From June 10 to Sept 20, Teck Exploration conducted a concurrent exploration program of the Cominco Bend and the surrounding White Knight MGM claims. In total, 72 field days were spent examining the Bend property.

Work by Teck Exploration on the Bend Property consisted of the following:

1. Establishment of 9,239 metres of new gridlines, both north and south of the Cummins River.

2. 9,260 metres of ground Pulse E-M surveys conducted both north and south of Cummins River (Pacific Geophysical Surveys).

3. Collecting of 132 soil samples on the north side and 53 soil samples on the south side of the property.

4. A total of 6,905 metres of concurrent ground Magnetometer and VLF surveys, covering 3,345 metres of gridlines on the north side and 3,560 metres of gridlines on the south side of the property.

5. Downhole Pulse E-M surveys on diamond drill holes TK-92-1 and TK-92-2 (Pacific Geophysical).

6. Trenching of Line 0+00 sulphide occurrence.

7. Joint payment with Forestry Service in the completing of new access roads north of the Cummins River.

8. Geologic mapping (1:5000) of exposure along access roads and grid lines.

9. Relogging and sampling of Laura Mine drill core (located on line 13+00N, 1+00E).

10. Diamond drilling of 10 holes totalling 2694.5 metres.

Drill hole locations are shown on Figure 2a & 2b.

Drill core samples were analyzed by Rossbacher Labs of Burnaby, B.C. and by Eco-Tech Labs of Kamloops, B.C.

7. GEOLOGY

A. Regional

Regionally, the property lies on the west limb of a major anticlinorium and is bounded to the west by the Purcell Thrust Fault.

The property is in an area of dominantly Lower to Mid Cambrian miogeosynclinal rocks represented by three main lithological elements: the Mid to Upper Cambrian Kinbasket Limestones and the Mid to Lower Cambrian Tsar Creek metapelites of the Chancellor Group and the Lower Cambrian Quartzites of the Gog Group.

Metamorphic grade throughout the property ranges from lower to upper greenschist facies up to amphibolite or garnet-staurolite-kyanite grade. Muscovite, biotite, almandine garnet and cordierite are common metamorphic minerals. Kyanite and sillimanite were observed in a few localities.

Previous depositional environment interpretation (Teck 1991) of the area has related the Tsar Creek Formation to be a product of an influx (orogenic?) of pelitic material into a quiescent platform-margin calcareous-chert basin (Gog group lithologies). With the cessation of pelitic deposition the carbonate platform environment of the Kinbasket Formation developed.

B. Property Geology

Significant overburden and forest coverage throughout the area severely limit outcrop exposure. Existing and newly constructed logging roads assisted greatly in providing outcrop exposure and drill access to the mineralized horizon.

Geologic mapping at 1:5000 (Figure 3) revealed similar lithologies to those observed within the Cummins River Canyon. Investigation indicates the conformable sequence of Kinbasket Limestones, Tsar Creek metapelites and Gog Group lithologies are correlatable across the property.

I) Lithology

Gog Group

The Gog group is Lower Cambrian in age and consists of three formations, from youngest to oldest: Mahto, Mural and McNaughton. For the purpose of this investigation Gog group lithologies have not been subdivided.
In the property area this sequence consists of milky to greyish white quartzite, light grey to pale pink micaceous quartzite, thinly laminated light grey to pink quartzofeldspathic schists, chert, interbedded biotite and garnet schists and a greyish white to light buff coloured marble.

Chancellor Group

The Tsar Creek and Kinbasket Formations of the Chancellor group are recognized to be Middle Cambrian in age. Due to structural thickening, stratigraphic thicknesses are hard to establish. The upper Tsar creek-lower Kinbasket contact is gradational and thus its placement is very much subjective.

Tsar Creek Formation

Beginning at the base, the Tsar creek formation is dominated by dark grey-brown, non-calcareous pelitic schists of varying argillaceous component with lesser interbedded siliceous schists. Lithologies observed include biotite schists, garnet-biotite schists and garnet-staurolite schists and sericitic siliceous schists (altered muddy cherts).

Upwards, the Tsar Creek Formation hosts a crudely stratabound sulphide horizon of variable width bounded by relatively distinct hanging and foot wall lithologies. The sulphide mineralogy is simple with pyrrhotite, pyrite, sphalerite and galena predominating. Lithologies associated with the mineralized horizon, from hanging wall to foot wall are; Very fine grained, grey cherts and waxy, yellow-grey-green quartz-sericite schists, weakly siliceous, brown weathering, grey manganiferous dolomites, siliceous sericitic dolomitic schists and fine grained, dark grey to grey, argillaceous garnet schists and siliceous sericitic pelitic schists.

Such lithologies may relate to metamorphosed cherts, carbonates and argillites deposited within a cratonic margin basin.

Upwards from the mineralized zone the Tsar Creek rocks are dominated by light grey to grey-brown pelitic schist of variable metamorphic grade (the assemblage may reflect original bulk composition) and calcareous component. Lithological units observed were calcareous muscovite, biotite, garnet and cordierite schists, with lesser amounts of micaceous (often cordierite bearing) limestones and non-calcareous pelitic schists.

Kinbasket Formation

The Kinbasket Formation is dominated by light grey to grey, thinly laminated, sandy to silty limestones often with varying amounts of intercalated pelitic material. Interstratified beds of calcareous pelitic sediments from 2-30m in thickness occur within the limestones. Regularly banded, light grey-dark grey (carbonaceous ± graphite laminae), limestones are also recognized within the formation.

The limestones have been metamorphosed to impure marbles and pelitic material within the limestones has formed mica, garnet and cordierite. Similarly, the interstratified pelitic layers have been metamorphosed to calcareous biotite-muscovite, garnet-biotite and garnet-cordierite-biotite schists. Under the local metamorphic grade the Kinbasket limestones generally appear as a rusty to buff weathered, biotitic and locally garnet bearing grey unit.

A sequence of creamy white cherts, grey-green muddy cherts, quartzo-feldspathic schists, dark grey to grey-brown garnet-mica schists and garnet-staurolite-biotite schists with minor interbeds grey to dark grey limestones and magnetite-bearing tuffs was observed within the Cummins canyon and in outcrop just west of the Bend claims. This sequence of rocks may conformably overlie the Kinbasket Formation or may be fault bounded to the sequence.

II) Structure

Three phases of deformation are recognized within the area. The dominant structures within the Kinbasket and Tsar Creek rocks are the second phase (F_2) tight to isoclinal asymmetric step-like folds with an associated axial planar (S_2) cleavage near parallel with the average long limb orientation. First phase folds (F_1) are isoclinal and may be observed on a single layer scale. Third phase structures (F_3) are recognized by the rotation of linear (L_2) fabrics and curvilinear F_2 fold axes.

Lithologies of the Kinbasket and Tsar Creek Formations generally strike northwest-southeast and dip 50°-60° southwest.

Off the Bend claims to the north, structures within the Kinbasket and Tsar Creek Formations are observed to be more gently dipping (15°-35°) and the local topography often presents a dip-slope face for the Tsar Creek lithologies.

The complex relationship between the Tsar Creek and Kinbasket Formations north of the Bend claims is mainly due to a flattening of the strata and dually plunging fold structures.

The sequence of cherts, quartzofeldspathic schists, metatuffs and dark grey limestones which occurs within the Cummins River canyon and along the Columbia Reach north of the Cummins river (see Figure 3), is interpreted as being fault bounded to the Kinbasket and Tsar Creek stratigraphy. Within the fault boundary, lithologies strike approximately 110° and dip moderately 45-55° toward the South-South-West. This fault bounded strata is extended south of the Cummins River approximately to line 12+00S where the fault continues under the Columbia reach.

III) Trenches

A hand trench was excavated on Line 0+00 near station 3+75E.
The trench exposed a thin, yellowish-grey, bed of dolomite and overlying quartz-sericite schist and chert rocks. Very thin laminations of pyrite and sphalerite and minor galena were observed within the units. No samples were taken.

8. SOIL GEOCHEMISTRY

Mattock soil sampling was carried out selected portions of the north and south side grid area. Sample interval was generally 25m. A total of 132 and 53 samples were collected from the north and south grid areas respectively and examined by 30 element (Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Ti, U, V, W, Y, Zn) ICP analysis. Samples were collected from the 'B' horizon which generally occurred at a depth of 15 to 20cm. All analyses were conducted by Eco-Tech Laboratories in Kamloops, B.C. For a complete list of results see Appendix C for certificate of analyses. Analytical procedures are included in Appendix D.

Sample locations and geochemical results for zinc, lead and manganese are displayed on Figures 4, 5 and 6 respectively.

Slightly elevated soil geochemical values for Zn, Pb and Mn are observed at easternmost grid stations south of Cummins River, from lines 0+00 to line 4+00N. Near station 3+75E, line 0+00, high geochem values occur for all three elements. Within the area south of the Cummins River, the elevated soil geochem results are generally coincident with the surface trace of the dolomite horizon (see Figure 3).

Soil geochem results from lines 13+00N to 18+00N, north of the Cummins River, display anomalous results, but do not tend to outline the observed surface trace of the mineralized stratigraphy. Overburden within the area is generally much thicker than that observed south of the Cummin River and may mask true surface geochemical trends.

9. GEOPHYSICS

Several geophysical surveys were conducted. The down hole and ground Pulse E-M survey was conducted by Pacific Geophysics of Vancouver, B.C. The Magnetometer and VLF geophysical surveys were conducted by Teck personnel.

For the Pulse EM survey, the association of pyrrhotite, an excellent conductor, with the lead-zinc mineralization was inferred to indicate areas of increased base metal accumulations.

The ground Pulse EM survey delineated an open-ended E-M anomaly extending between lines 2+00S, through the Cummins River canyon, northward to line 22+00N (Figure 7). The trace of the anomaly is continuous and appears coincident with mineralization encountered in the 1991 Cominco diamond drill holes. The trace of the updip high and low frequency EM data strike approximately 130°, coplanar with observed stratigraphy.

A downhole Pulse EM survey was employed in an attempt to locate any off-hole response which may reflect concentrated mineralization. Two 1992 boreholes, TK-92-1 and TK-92-2 (see Figure 2a for location) were surveyed with the EM system utilizing separate loop configurations.

The survey confirms the presence of a strong E-M anomaly coincident with the encountered mineralization. Neither drill hole produced any significant off-hole response.

A full report and interpretation of the Pulse EM geophysics is included in Appendix F.

Magnetometer and VLF surveys were conducted over selected portions of the grid both south and north of Cummins River.

The contoured mag results (Figure 8), on the south side grid displayed a high mag response near to the sulphide horizon at the easternmost extent of lines 0+00 to 6+00N. North of Cummins River the area presents a very broad moderate mag response. The weak mag high occuring on line 14+00N, 7+00E may be due to the mineralized horizon.

Figure 9 presents the individual VLF line profiles conducted over the grid area. Figure 10 presents contoured Fraser filtered VLF data. North of the Cummins River a high VLF EM response (see Figure 10) from 4+00E to 7+00E on lines 13+00N to 16+00N appears to correspond to the results from the ground Pulse EM survey. Within this area the sulphide horizon is well defined by electromagnetic surveys. South of the Cummins River, two high VLF EM fields exist. The response striking roughly 130° from line 6+00N, 2+00W to line 0+00, 3+75W is coincident with the results from the ground Pulse EM survey and may outline the sulphide horizon. The high response nearer to the baseline may be the result of the sulphide horizon or from local steep topography.

10. DIAMOND DRILLING

Ten diamond drill holes were cored for a total of 2691.44 metres. Drilling was carried out by Lone Ranger Diamond Drilling of Lumby, B.C. Selected portions of the NQ (1&7/8) core were split and sent to Eco-Tech Labs in Kamloops, B.C. (holes 1-3) and Rossbacher Labs in Burnaby, B.C. (holes 4-12). A total of 159 samples were collected and analyzed; all for 30 element by ICP; 133 were assayed for Ag, Pb and Zn, and 6 assayed for Au. Complete results are listed in the certificates of analyses in Appendix C.

Drill hole locations are plotted on Figure 2a & 2b and Table 3 summarizes locations and data for the 1991 and 1992 Bend drill programs. Core is currently being stored on the property. Core recovery averaged 100%-90%.

TABLE 3

Diamond Drill Hole Data

Hole No.	Grid Location	Elevation (metres)	Azimuth	Dip	Length (metres)	No. of Samples
1991 Drilling						
C-91-1	6+91N, 2+34W	975	12°	-60°	308.8	
C-91-2	6+20N, 1+26W	1010	10°	-60°	303.9	
C-91-3	5+34N, 2+73W	995	18°	-60°	453.3	
1992 Drilling						
TK-92-1	2+00N, 3+75W	1007	35°	-60°	392.9	6
TK-92-2	2+00S, 2+95W	1045	35°	-75°	324	33
TK-92-3	4+00N, 2+50W	1008	35°	-45°	346.9	10
TK-92-4	13+83N, 4+00E	915	40°	-60°	279.19	4
TK-92-5	13+67N, 5+00E	925	70°	-60°	229.82	27
TK-92-7	14+75N, 4+00E	930	30°	-50°	227.08	2
TK-92-8	14+75N, 3+99E	930	—	-90°	314.6	30
TK-92-9/9A	13+82N, 3+21E	920	100°	-70°	36.27/21.95	—
TK-92-11	15+70N, 4+30E	945	40°	-65°	211.83	5
TK-92-12	12+78N, 3+88E	885	90°	-70°	306.9	42
				Total	2691.44	159

Objectives of the drill program were:

1) To define and trace the sulphide horizon to the northwest and southeast from Cummins canyon showing and previous drill intersections.

2) To examine the potential for the horizon to increase in grade and thickness.

The target stratigraphy, the Kinbasket and Tsar Creek Formations were intersected within all drill holes.

Where the mineralized horizon occurred, a hanging wall sequence of calcareous garnet schists, quartz-sericite schists and cherts and a foot wall sequence of argillaceous garnet schists and micaceous quartzites was observed. Numerous minor folds were observed within all horizons.

Complete drill logs are included in Appendix E. A brief description of each drill hole with best mineralized intersections follows.

A) Results

TK-92-1 (Figure 12)

Objective: To test the character of the sulphide horizon between the 1991 Cominco diamond drill holes and the MGM 1991 drill holes TK-91-1 and TK-91-3.

Result:

0-10.7; Overburden.
10.7-188.15; Grey micritic Limestone with Garnet-mica Schist ± cordierite interbeds.
188.15-319.3; Interbedded micritic Limestone, calcareous Cordierite Schist and Garnet-cordierite-mica Schist.
319.3-327.35; Chert w. trc. suphide lamellae.
327.35-365.65; Quartz sericite schist w. trc. sulphide lamellae.
365.65-369.7; Grey Dolomite w. trc.-minor sulphide lamellae.
369.7-370.1; Siliceous dolmitic Schist.
370.1-376.3; Garnet-muscovite-biotite Schist.
376.3-377.75; Siliceous sericitic Schist.
377.75-392.9; Siliceous Garnet-mica Schist.

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
106020	319.96	320.2	0.24	3.46	1.38	15.2
106021	320.2	321.3	0.70	3.72	0.31	4.2

TK-92-2 (Figure 13)

Objective: To test the sulphide horizon at a similar structural position as TK-91-1.

Result:

0-3.0; Overburden.
3.0-62.9; Grey micritic Limestone, strongly banded @ 25.2-62.9.
62.9-97.5; Calcareous Garnet-mica-cordierite Schist.
97.5-235.9; Grey micritic Limestone w. narrow calcareous pelitic schist (garnet, cordierite).
235.9-263.2; Calcareous Garnet-mica Schist ± cordierite
263.2-279.1; Grey Chert w. minor isolated sulphide lamellae, msv. band from 273.4-273.9.
279.1-295.6; Quartz sericite schist w. trc. suphide lamellae.
295.6-305.0; Dolomite w. trc. to isolated sulphide bands.
305.0-307.5; Siliceous dolomitic Schist.
307.5- 324.0; Garnet-mica Schist.

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
106036	273.4	273.9	0.50	8.28	2.24	30.9
106037	295.55	296.5	0.95	3.72	0.31	4.2

TK-92-3 (Figure 14)

Objective: To test the sulphide horizon in a similar structural position as Cominco's trenches and the up-dip expression of the horizon.

Result:

0-16.1; Overburden.
16.1-40.95; Banded 'zebra' Limestone.
40.95-124.8; Biotite Schist ±garnet ±cordierite with varying calcareous component and minor amounts of micaceous limestone and dolomite porphyroblasts.
124.8-200.4; Grey limestone ±cordierite with interbedded micaceous limestone and biotite schist ±garnet.
200.4-295.23; Calcareous Mica Schist ±garnet ±cordierite porphyroblasts with interbeds of grey limestone and cord. limestone.
295.23-299.04; Siliceous Garnet Schist.
299.04-320.5; Quartz-sericite schist with minor Po & Py with a grey chert interbed.
320.5-325.76; Mineralized Dolomite.

DDH TK-92-3 continued

325.76-326.25; Sericitic Dolomite Schist.
326.25-331.22; Dark grey, Garnet Schist.
331.22-333.67; Siliceous sericitic Schist.
333.67-346.86; Garnet-biotite schist with increasing amounts of staurolite ±phlogopite downhole.

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
106049	320.5	321.4	0.90	1.93	0.46	7.0
106050	321.4	321.85	0.45	1.98	0.55	6.8

On the basis of the mineralized intersections observed within the 7 holes drilled by Teck (4 on the MGM claim group), 3 holes drilled by Cominco and 2 holes drilled by Laura Mines south of the Cummins River canyon showing and the promising geophysical target on the north side of the Cummins canyon, the drilling program switched its emphasis towards the north side of the property.

TK-92-4 (Figure 15)

Objective: To test the sulphide horizon north of the Cummins River canyon showing.

Result:

0-16.61; Overburden.
16.61-50; Calcareous Biotite Schist ±Garnet ±Cordierite\
50-80.58; Calcareous Biotite-dolomite Schist with interbedded limestone
80.58-91.23; Grey limestone with interbedded micaceous limestone
91.23-101.19; Garnet-dolomite-mica Schist
101.19-109.78; Grey limestone
109.78-157.48; Drk grey Chloritic Garnet Schist.
157.48-228.66; Calcareous Garnet-mica Schist ±Cordierite with lesser interbeds of Limestone-cordierite Schist.
228.66-237.06; Quartz-sericite Schist.
237.06-239.14; Mineralized Dolomite.
239.14-239.63; Siliceous sericitic Dolomite Schist.
239.63-261.83; Siliceous sericitic Pelitic Schist.
261.83-265.25; Dark grey, Garnet-biotite Schist.
265.25-277.9; Siliceoust sericitic Pelitic Schist.
277.9-279.19; Garnet-staurolite-biotite Schist.

TK-92-4 Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
81709	237.06	237.56	0.50	1.28	0.44	4.54
81710	237.56	238.18	0.62	1.78	0.48	3.97
81711	238.18	238.66	0.48	3.42	0.66	6.24
81712	238.66	239.14	0.48	2.06	0.68	10.21

TK-92-5 (Figure 16)

Objective: To test the sulphide horizon between the up-dip low frequency edge and the up-dip high frequency edge of the EM conductor close to the canyon.

Result:

0-2.13; Overburden
2.13-4.25; Grey Limestone.
4.25-31.4; Calcareous Mica-cordierite Schist.
31.4-50.4; Grey Limestone.
50.4-117.7; Garnet-mica-cordierite Schist w. minor interbedded limestone.
117.7-149.6; Limestone w. lesser interbedded Garnet-mica-cordierite Schist
149.6-184.25; Garnet-mica-cordierite Schist.
184.25-192.4; Quartz sericite schist w. trc. sulphide lamellae.
192.4-199.7; Dolomite- strongly mineralized w. msv. to semi-msv. sulph.
199.7-209.55; Dolomite- sparsely mineralized w. py+sph. bands to 0.5 m.
209.55-211.1; Sericitic siliceous Dolomitic Schist.
211.1-221.7; Garnet-biotite Schist.
221.7-229.8; Siliceous sericitic Pelitic Schist

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
81715	193.21	193.64	0.43	5.00	1.64	21.94
81719	195.10	195.36	0.26	6.48	1.30	28.06
81721	196.18	196.51	0.33	8.36	1.28	17.83
81724	197.53	197.88	0.35	8.30	1.78	24.68
81729	200.35	200.6	0.25	4.22	1.04	14.4

A weighted average from 193.21m to 198.45m (5.24m) yields 3.58% Zn, 0.84% Pb and 14.97 g/t Ag.

TK-92-7 (Figure 17)

Objective: To test the up-dip low frequency edge of the EM conductor.

Result:

0-20.55; Overburden.

20.55-106.98; Grey cordierite bearing limestone with interbedded calcareous Biotite Schist ±garnet ±cordierite porphyroblasts.

106.98-204.33; Calcareous Garnet-biotite Schist ±cordierite ±dolomite porphyroblasts with interbedded micaceous limestone.

204.33-209; Quartz-sericite Schist.

209-210.56; Mineralized dolomite.

210.56-211.88; Siliceous sericitic Dolomite Schist.

211.88-214.68; Dark grey, Garnet-biotite Schist.

214.68-227.08; Siliceous sericitic Pelitic Schist.

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
81743	209.0	209.45	0.45	3.07	0.83	10.97

TK-92-8 (Figure 17)

Objective: To test the down dip potential of the sulphide horizon.

Result: 0-24.5; Overburden.

24.5-178.8; Micaceous Limestone with 2-20m interbeds of calcareous Biotite Schist ±cordierite ±garnet porphyroblasts.

178.8-256.0; Calcareous Biotite-cordierite Schist ±garnet with 2-20m interbeds of cordierite bearing Limestone.

256-257.35; Grey chert with thinly laminated Po, Py & Sph.

257.35-258.94; Grey siliceous unit with disseminated Po & minor Sph.

258.94-277.2; Quartz-sericite Schist.

277.2-294.24; Mineralized Dolomite.

294.24-300.5; Siliceous sericitic Dolomite Schist.

300.5-301.8; Dolomite Schist.

301.8-214.55; Sericitic siliceous Pelitic Schist.

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
18502	256.95	257.35	0.40	3.04	0.50	10.9
18503	257.35	258.65	0.65	2.26	0.32	7.88
18513	280.55	280.80	0.25	6.10	0.32	13.7

TK-92-9

Objective: To test the down dip extension of mineralization observed in TK-92-5.

Result: Two attempts were made at coring the hole, TK-92-9 was terminated at 36.27m and TK-92-9A was terminated at 21.95m due to technical problems and depth of overburden.

TK-92-11 (Figure 18)

Objective: To test the strike length of the sulphide horizon.

Result:

0-16.5; Overburden
16.5-81.63; Interbedded grey limestone, micaceous limestone with calcareous garnet - mica schist
81.63-98.75; Staurolite-cordierite-garnet-mica schist
98.75-183.75; Interbedded cordierite-garnet-mica schist with grey limestone
183.75-184.42; Mixed quartz sericite schist to micaceous chloritic schist
184.42-190.3; Quartz sericite schist
190.3-190.42; Massive sulphide band (po.,py.,sph.)
190.42-191.2; Dolomite w. minor sulphide lamellae/bands
191.2-191.7; Dolomitic quartz sericite schist
191.7-211.8; Siliceous biotite-garnet schist

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
18533	190.15	190.43	0.28	1.86	0.52	6.86

TK-92-12 (Figure 19)

Objective: To test the down dip potential of the sulphide horizon close to the north edge of the canyon.

Result:

0-9.75; Overburden
9.75-46.25; Grey Limestone to Micaceous Limestone with 2-3m interbeds of calcareous Biotite Schist ±garnet.
46.25-80.3; Calcareous Garnet-biotite Schist ±dolomite porphyroblasts.
80.3-164.48; Grey Limestone to Micaceous Limestone with interbedded calcareous Biotite Schist ±cordierite.
164.48-245.19; Calcareous Garnet-biotite Schist ±cordierite ±kyanite with interbedded Micaceous Limestone. Schist unit becomes sericitic at lower contact.

DDH TK-92-12 continued

245.19-271.12; Quartz-sericite Schist.
271.12-293.83; Mineralized Dolomite.
293.83-294.3; Sericitic Dolomite Schist.
294.3-306.9; Siliceous sericitic Pelitic Schist.

Best results include:

Sample No.	From	To	Length	%Zn	%Pb	g/tAg
18571	285.08	285.78	0.70	5.10	1.34	10.98
18577	289.85	291.22	0.37	2.48	0.38	4.12

B) Mineralization and Geochemistry

A crudely stratiform sulphide horizon is contained primarily within the manganiferous dolomites and quartz-sericite schists of the Tsar Creek Formation. Current and previous drill efforts have proven the existence of the sulphide bearing horizon across the property (a ≈2.8Km strike length) and over 900m of down-dip extent.

Dominant sulphides are pyrrhotite, pyrite, sphalerite and galena with minor occurrences of chalcopyrite.

Sulphides typically occur as;

1) massive very fine grained bands of primarily pyrrhotite with lesser sphalerite yielding approximately 1.5-8.0% Zn, 0.5-2.3% Pb and 7-30 g/t Ag.

2) 0.3-1.0cm laminated bands of pyrite, sphalerite and minor galena yielding approximately 0.15-1.4% Zn, 0.05-0.35% Pb and 1.5-4.5 g/t Ag.

3) stringers of pyrite, galena and minor sphalerite within quartz veins/bands yielding approximately 0.2-0.4% Zn, 0.1-0.25% Pb and 1.5-5.3 g/t Ag.

4) massive bands of course grained pyrite within interstitial sphalerite yielding approximately 1.0-5.0% Zn, 0.25-1.25% Pb and 2.0-25 g/t Ag.

Porphyroblastic magnetite was also observed in several localities. The magneitite is thought to have been developed by pyrrhotite breaking down in the presence of oxygen.

Current and previous drilling by Teck has, to date, revealed widths of 0.2-15.0m for the dolomite horizon and 0.2-3.0m for the massive sulphide horizon on the Bend property. Increased widths and/or sulphide content will be required before the sulphide horizon is considered economic.

A petrographic description, by Vancouver Petrographics Ltd. of Fort Langley, B.C., of the massive sulphide horizon encountered in DDH TK-92-2 is included in Appendix F.

11. DISCUSSIONS

The sulphide horizon and host lithologies of the Bend claims are indicative of a sedimentary exhalative deposit type. Geological mapping, geophysics and drill efforts have all succeeded in defining a folded sheet-like sulphide horizon of considerable strike length and down dip extent.

Mineralization is usually contained within the quartz-sericite schist and manganiferous dolomite horizons. Typical of 'sedex' style mineralization, the lateral dimensions of the sulphide zone have proven to be much greater than its thickness.

To date, the character (grade and thickness) of the sulphide horizon has been typically subeconomic, it is necessary to examine the acquired data in order to locate areas which could produce economic width and/or grades of mineralization.

Favourable areas for increased sulphide potential within 'sedex' deposits usually occur within second order (sub-basins) and/or proximal to the exhalative source.

Within first order basins, abrupt changes in sedimentary facies and thicknesses reflect the presence of sub basins. Typically, the whole sequence containing the stratiform mineralization is thickest at a point adjacent to the massive sulphide ore.

Lateral and/or vertical zonation of Pb-Zn may exist as a result of rapid cooling and dilution of the hydrothermal solution by sea water near the discharge zone and the consequent precipitation of minerals in a sequence according to their solubilities. Subsequently, a lateral zonation of Cu-Pb-Zn-(Ba) and a vertical zonation of Cu-Zn-Pb-(Ba) away from the discharge zone is observed. The Zn/Pb ratio gradually increases distally.

Thus observing facies thicknesses and chemical ratios present two possible methods for locating areas of increased potential for the hosting of economic lead-zinc mineralization.

A true thickness, plan view isopach map of the dolomite horizon (Figure 11) was constructed for all Bend drill intersections (including the 1970 Laura Mine intersections). The dolomite horizon has been rotated to the horizonal about a line striking 130° passing through the horizon at the Cummins River canyon water level. Data from the line 0+00 trench provides the thinning contours to the east. The dolomite horizon in the Cummins River canyon at water level was plotted as 7m thick (after Reddy and Godwin 1986). Apparent from the section is that the dolomite appears to be thickest toward the west (down dip), just north of the canyon, and thin towards the north and south. Thick areas of the dolomite may reflect structurally thickening or primary deposition.

Chemical parameters controlling the origin and deposition of 'sedex' style deposits are discussed by Lydon (1983). Table 5 presents a sample of metal ratio data from drill hole intersections. The ratios are generally calculated from the fine grained, massive sulphide horizons encountered within the Bend drill holes. This horizon (which is not necessarily the richest) was chosen as it may represent one complete exhalative cycle.

Table 5. Metal ratios for the MGM sulphide horizon

Hole	Sample	Zn	Pb	Fe	Ag	Zn/Pb	Zn/ Zn+Pb	Fe/ Fe+Zn	Fe/ Fe+Zn+Pb	Pb/ Pb+(Ag*1000)
92-1	106024	0.94	0.19	10.41	1.70	4.95	0.83	0.92	0.90	0.53
92-2	106036	1.78	0.33	8.95	5.60	5.39	0.84	0.83	0.81	0.37
92-3	106049	1.93	0.46	8.49	7.00	4.20	0.81	0.81	0.78	0.40
92-4	81710	1.72	0.48	13.25	4.80	3.58	0.78	0.89	0.86	0.50
92-5	81717	3.66	1.02	15.19	12.10	3.59	0.78	0.81	0.76	0.46
92-7	81743	3.07	0.83	11.7	10.97	3.70	0.79	0.79	0.75	0.43
91-8	18504	1.80	0.22	13.10	5.48	8.18	0.89	0.88	0.87	0.29
92-11	18533	1.86	0.52	7.78	6.86	3.58	0.78	0.81	0.77	0.43
92-12	18571	5.10	1.34	27.90	10.98	3.81	0.79	0.85	0.81	0.55

The Zn/Pb ratios are plotted along with the dolomite thickness on the isopach contour map (see Figure 11). The Zn/Pb ratios are generally lowest (reflecting a proximal locality) near to the canyon and increase (reflecting a distal environment) toward the north and south. This correlation suggests that the area about the Cummins River canyon may hold the best potential for economic mineralization.

Zn/Zn+Pb ratios for the sulphide horizon are noted to generally fall within the range from 0.7-0.9. Lydon (1983) accredits such a range to deposits of medium size formed from hydrothermal solutions mobilized from maturely-leached reservoirs. Deposits with Zn/Zn+Pb ratios less than 0.7 tend give rise to deposits with the highest quantities of ore.

Deposits with Fe/(Fe+Zn+Pb) ratios greater than 0.7 are considered iron rich.

The Pb/Pb+(Ag*1000) ratios tend to be relatively constant (between 0.4-0.5) for the property which may indicate the general dependency of the amount of silver on the abundance of lead.

Fluid temperature, oxygen fugacity, sulphur fugacity, brine salinity, availability of reduced sulphur and metal content of source rocks are some of the numerous variables that should be considered in assessing the sulphide body. However, within the scope of our investigation, facies thickness and metal ratios appear to act as a reasonable predictor for results.

11. CONCLUSIONS

A sequence of limestones and calcareous mica and garnet schists belonging to the Kinbasket and Tsar Creek Formations were observed across the property on either side of the Cummins River canyon.

Zn, Pb and Mn soil geochemistry was effective in discerning the surface trace of the sulphide horizon south of Cummins River. Due to thick overburden cover, the soil geochemical survey was not effective on the property north of the river.

A ground Pulse E-M survey delineated an open-ended E-M anomaly extending between lines 3+00S northward to line 22+00N. The anomaly strikes 130°, approximately coplanar with observed stratigraphy.

Narrow, strong conductive horizons coincident with the mineralized horizons were recognized by the downhole EM survey of holes TK-92-1 and TK-92-2. The surface EM anomaly correlates with mineralization encountered in the drill holes

The sulphide horizon at surface produced a definable mag signature south of Cummins River.

The results from the VLF survey produced anomalous results roughly coincident with the trace of the anomaly produced by the ground Pulse EM survey.

Drilling confirmed the presence of the sulphide horizon, similar to that observed within the canyon showing, in all drill holes. The strike extent of the mineralized horizon extends through and beyond the entire Bend claims.

Four styles of sulphide mineralization were typically observed within the dolomite horizon:

1) massive very fine grained bands of primarily pyrrhotite with lesser sphalerite yielding approximately 1.5-8.0% Zn, 0.5-2.3% Pb and 7-30 g/t Ag.

2) 0.3-1.0cm laminated bands of pyrite, sphalerite and minor galena yielding approximately 0.15-1.4% Zn, 0.05-0.35% Pb and 1.5-4.5 g/t Ag.

3) stringers of pyrite, galena and minor sphalerite within quartz veins/bands yielding approximately 0.2-0.4% Zn, 0.1-0.25% Pb and 1.5-5.3 g/t Ag.

4) massive bands of course grained pyrite with interstitial sphalerite yielding approximately 1.0-5.0% Zn, 0.25-1.25% Pb and 2.0-25 g/t Ag.

The best sulphide intercept was located in DDH TK-92-5, assaying 3.58% Zn, 0.84% Pb and 14.97 g/t Ag over 5.24 metres including 0.35m of 8.50% Zn, 1.78% Pb and 24.68 g/t Ag.

The thickness of the mineralized horizon appears to decrease away from the Cummins River canyon. The area down-dip of TK-92-8 and TK-92-12 (both north and south of the Cummins River) appears to be a promissing drill target.

The sulphide horizon exhibits characteristics of a large, mineralized basinal environment, with generally decreasing width and increasing Zn/Pb ratios away from the Cummins River canyon.

12. REFERENCES

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APPENDIX A

Statement of Qualifications

I Greg Thomson, do certify that:

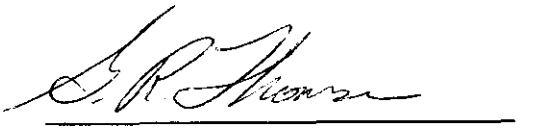
1. I am a geologist and have practiced my profession continuously from 1970 - 1974 and from 1983 to present.

2. I graduated from the University of British Columbia in 1970 with a B.Sc. in Geology.

3. I was actively involved in property management and core logging on the Bend property and co-authored the report contained herein.

4. All data contained within this report and conclusions drawn from it are true and accurate to the best of my knowledge.

5. I hold no personal interest, direct or indirect in the Bend Property, which is the subject of this report.



Greg Thomson
Geologist
November, 1992

I, Craig Alford, do hereby certify that:

1. I am a geologist and have practised my profession continuously since graduation.

2. I graduated in 1988 from Lakehead University with a M.Sc. in Geology

3. I was actively involved in the corelogging and mapping of the Bend Property and co-authored the report contained herein.

4. All data contained within the report and conclusions drawn from it are true and accurate to the best of my knowledge.

5. I hold no personal interest, direct or indirect in the Bend Property which is the subject of this report

Craig Alford
Geologist
November, 1992

APPENDIX B

Cost Statement

EXPLORATION COSTS
(June 1 - November 20, 1992)

A) ADMINISTRATION - F. Daley		
2 days @ 311.20/day	622.40	
B) SALARIES		
G. Thomson (Geol)		
74 days @ 250.86	18545.87	
C. Alford (Geol)		
97 days @ 246.50	23910.50	
J. Oliver (Geol)		
5 days @267.50	1335.33	
B. Lovang (Geochem.Tech)		
13 days @ 236.90	2980.45	
K. Chubb (Geoph.Tech)		
5 days @ 217.72	1109.64	
H. Norris (Cook)		
73 days @ 244.74	17870.02	
D. Nikirk (Helper)		
10 days @ 195.80	1957.94	
S. Archibald		
(Drafting)	2655.74	
	Salaries Total	70365.49
C) CONTRACTORS		
Pacific Geophysical Limited	27922.72	
Minconsult	43782.76	
Gottler Trucking	425.60	
Lone Ranger Diamond Drilling	184223.72	
O.W. Braisher Contracting,		
R.B. Contracting	7683.67	
	Contractor Total	264038.47
D) GEOCHEMICAL ANALYSES		
- 185 soils (30 element I.C.P.)		
- 177 core/rock (Ag,Pb,Zn + 30 I.C.P.)		5020.66
E) LIVING EXPENSES		
- camp rental (June-Sept), groceries, fuel,		
misc. motel and restaurant meals		24420.38

F) TRANSPORTATION		
- Cana Rentals: 3, 4x4 pickups (4 mos.)		
- Mica Marine barge service		
- gasoline, diesel		28289.63
G) CHARTERED AIRCRAFT		
Canadian Helicopters		2511.32
H) FIELD COSTS		1609.29
I) TELEPHONE		1238.51
J) EQUIPMENT RENTALS, REPAIRS		
Falcon Research (radio telephones)		
boat rental, generator		4506.23
K) MAPS, PRINTS		2139.64
(includes base map prep.)		
L) COMPUTER SUPPLIES		28.55
M) DRILLING SUPPLIES		
Prolite Pipe, Edmonton		2926.45
O) POSTAGE, OFFICE EXPENSES		81.48
P) PETROGRAPHIC STUDY		259.28
Q) FREIGHT & SHIPPING		417.93
	Property Total	**$408475.71**

APPENDIX C

Certificates of Analyses

Soil Analyses

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JULY 2, 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATION LTD. ETK 92-268
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY
PROJECT NO. 1703
55 SOIL SAMPLES RECEIVED JUNE 24, 1992 submitted by Gregg thompson

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	L 0 + 00 B/L	<.2	2.14	<5	2	130	5	.16	<1	17	17	11	3.27	.11	10	.40	263	1	.01	26	1550	8	<5	<20	17	.04	<10	15	<10	6	77
2	L 0 + 00 0 + 25E	<.2	1.19	5	<2	75	<5	.14	<1	14	17	8	2.87	.08	10	.50	225	<1	<.01	19	470	<2	<5	<20	12	.02	<10	12	<10	5	42
3	L 0 + 00 0 + 50E	<.2	1.33	<5	<2	60	<5	.15	<1	13	16	9	2.87	.11	20	.51	232	<1	<.01	20	690	2	<5	<20	13	.02	<10	10	<10	6	47
4	L 0 + 00 0 + 75E	<.2	1.51	<5	<2	80	<5	.28	<1	17	17	15	3.26	.19	20	.56	498	<1	.01	28	700	2	<5	<20	19	.03	<10	12	<10	10	40
5	L 0 + 00 1 + 00E	<.2	1.38	<5	<2	100	<5	.18	<1	10	13	5	2.36	.08	10	.34	311	<1	.01	15	500	2	<5	<20	14	.04	<10	17	<10	4	46
6	L 0 + 00 1 + 25E	<.2	1.17	<5	<2	60	<5	.14	<1	9	11	4	2.42	.05	10	.30	137	<1	<.01	14	400	2	<5	<20	10	.03	<10	17	<10	3	33
7	L 0 + 00 1 + 50E	<.2	2.21	<5	<2	135	<5	.12	<1	13	14	7	3.02	.10	10	.36	252	<1	.01	23	680	2	<5	<20	12	.06	<10	18	<10	6	38
8	L 0 + 00 1 + 75E	<.2	1.63	5	<2	95	<5	.06	<1	11	16	9	3.96	.10	10	.44	131	<1	<.01	18	1420	4	<5	<20	8	.07	<10	23	<10	6	33
9	L 0 + 00 2 + 00E	<.2	2.90	<5	<2	95	<5	.08	<1	14	14	10	3.66	.08	<10	.28	298	1	<.01	14	750	8	<5	<20	9	.08	<10	18	30	7	39
10	L 0 + 00 2 + 25E	.2	2.84	<5	<2	120	<5	.09	<1	16	13	10	2.98	.08	10	.30	841	<1	.01	14	1920	2	<5	<20	11	.07	<10	17	<10	6	48
11	L 0 + 00 2 + 50E	<.2	1.94	<5	<2	115	<5	.13	<1	12	16	11	3.65	.10	10	.36	193	<1	<.01	22	990	6	<5	<20	12	.05	<10	20	<10	5	55
12	L 0 + 00 2 + 75E	.2	3.69	<5	<2	105	<5	.15	<1	17	16	11	3.10	.04	<10	.26	708	<1	<.01	14	1280	12	<5	<20	10	.08	<10	21	<10	7	97
13	L 0 + 00 3 + 00E	<.2	4.16	<5	<2	150	<5	.44	<1	17	21	8	3.83	.08	<10	.44	505	<1	.03	23	1360	8	<5	<20	31	.12	<10	30	<10	10	150
14	L 0 + 00 3 + 25E	<.2	3.68	<5	<2	105	<5	.34	<1	17	25	9	3.97	.04	<10	.49	540	<1	.02	25	680	8	<5	<20	28	.11	<10	33	<10	8	144
15	L 0 + 00 3 + 50E	<.2	6.86	<5	<2	125	<5	2.85	<1	24	68	11	4.77	.06	<10	1.22	407	<1	.12	40	740	8	10	<20	217	.15	<10	54	<10	12	205
16	L 0 + 00 3 + 75E	1.2	2.30	5	<2	85	<5	.18	2	14	8	13	3.70	.01	10	.08	3954	<1	.01	6	2170	1922	<5	<20	10	.07	<10	26	10	10	1336
17	L 2 + 00N B/L	<.2	3.35	<5	<2	160	<5	.38	<1	15	33	6	3.31	.11	<10	.58	336	<1	.02	21	300	20	5	<20	30	.15	<10	47	<10	11	93
18	L 2 + 00N 0 + 25E	<.2	6.61	<5	6	155	<5	1.42	<1	25	65	24	5.15	.23	<10	1.34	318	7	.09	38	730	22	5	<20	122	.17	<10	56	70	14	97
19	L 2 + 00N 0 + 50E	<.2	4.09	<5	<2	165	<5	.73	<1	16	36	10	3.45	.10	<10	.61	338	<1	.03	25	490	8	<5	<20	57	.15	<10	38	<10	10	82
20	L 2 + 00N 0 + 75E	<.2	6.45	<5	<2	145	<5	.52	<1	23	57	18	4.20	.24	<10	1.10	159	<1	.02	35	510	8	5	<20	40	.19	<10	47	<10	17	77
21	L 2 + 00N 1 + 00E	<.2	1.89	<5	<2	95	<5	.25	<1	11	24	4	2.30	.09	<10	.32	440	<1	.01	13	230	4	<5	<20	19	.14	<10	40	<10	9	47
22	L 2 + 00N 1 + 25E	<.2	6.28	<5	<2	235	<5	1.08	<1	26	60	22	5.07	.16	<10	1.19	988	<1	.06	42	790	6	5	<20	101	.19	<10	50	<10	13	110
23	L 2 + 00N 1 + 50E	<.2	3.21	<5	4	90	10	.49	<1	18	14	6	4.27	.01	<10	.35	330	5	.04	26	880	18	<5	<20	54	.07	<10	26	50	5	103
24	L 2 + 00N 1 + 75E	<.2	4.00	<5	<2	90	<5	.23	<1	15	23	9	3.26	.06	<10	.40	428	<1	.02	21	770	12	5	<20	22	.14	<10	39	20	13	80
25	L 2 + 00N 2 + 00E	<.2	3.57	5	<2	125	<5	.34	<1	28	34	18	3.73	.06	<10	.86	642	<1	.02	42	790	8	5	<20	30	.14	<10	53	<10	11	89
26	L 2 + 00N 2 + 25E	<.2	2.66	5	<2	75	<5	.11	<1	12	13	5	3.48	.03	<10	.23	123	<1	.01	15	590	10	<5	<20	9	.12	<10	28	<10	8	60
27	L 2 + 00N 2 + 50E	<.2	3.94	<5	<2	65	<5	.39	<1	18	29	10	3.37	.04	<10	.53	97	<1	.02	25	420	8	<5	<20	29	.13	<10	35	<10	9	67

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
28	L 2 + 00N 2 + 75E	<.2	3.38	5	<2	95	<5	1.61	<1	30	28	21	4.92	.07	<10	.84	392	<1	.06	51	360	16	5	<20	83	.07	<10	23	<10	13	114
29	L 2 + 00S B/L	<.2	1.47	<5	<2	75	<5	.13	<1	11	15	8	2.24	.13	10	.38	203	<1	.01	19	310	2	<5	<20	15	.02	<10	9	<10	4	33
30	L 2 + 00S 0 + 25E	<.2	.95	5	<2	40	<5	.11	<1	9	12	4	2.28	.06	10	.35	148	<1	<.01	13	430	2	<5	<20	9	.02	<10	10	<10	3	33
31	L 2 + 00S 0 + 50E	<.2	1.74	<5	<2	110	<5	.28	<1	13	18	10	2.60	.12	10	.46	579	<1	.01	20	680	4	<5	<20	25	.03	<10	15	<10	4	57
32	L 2 + 00S 0 + 75E	<.2	1.71	5	<2	120	<5	.12	<1	13	18	7	2.74	.10	10	.43	603	<1	.01	20	630	8	<5	<20	14	.04	<10	15	<10	4	55
33	L 2 + 00S 1 + 00E	<.2	1.19	5	<2	55	<5	.11	<1	13	14	9	2.56	.08	10	.46	238	<1	<.01	20	430	2	<5	<20	11	.02	<10	8	<10	4	34
34	L 2 + 00S 1 + 25E	<.2	1.58	5	<2	95	<5	.11	<1	12	14	6	3.03	.09	10	.35	186	<1	<.01	18	910	4	<5	<20	11	.04	<10	17	<10	4	39
35	L 2 + 00S 1 + 50E	<.2	1.55	5	<2	115	<5	.08	<1	13	14	8	2.92	.07	<10	.28	588	<1	.01	17	1160	6	<5	<20	10	.06	<10	20	<10	5	50
36	L 2 + 00S 1 + 75E	<.2	1.42	<5	<2	105	<5	.11	<1	10	15	6	3.09	.09	10	.38	178	<1	<.01	19	830	2	<5	<20	13	.04	<10	19	<10	3	42
37	L 2 + 00S 2 + 00E	<.2	2.86	<5	<2	130	<5	.22	<1	20	23	12	3.86	.06	<10	.35	785	<1	.01	24	1170	10	<5	<20	16	.11	<10	33	<10	8	76
38	L 2 + 00S 2 + 25E	<.2	2.85	<5	<2	120	<5	.40	<1	19	18	15	4.11	.12	10	.52	244	<1	.02	30	640	8	<5	<20	44	.05	<10	15	<10	8	55
39	L 2 + 00S 2 + 50E	<.2	3.76	<5	<2	140	<5	.69	<1	29	41	14	5.11	.18	<10	.80	267	<1	.03	47	530	4	5	<20	59	.14	<10	44	<10	11	91
40	L 2 + 00S 2 + 75E	<.2	1.45	5	<2	55	<5	.08	<1	13	16	8	3.42	.04	<10	.36	248	<1	<.01	17	340	6	<5	<20	9	.08	<10	28	<10	7	65
41	L 2 + 00S 3 + 00E	<.2	1.14	5	<2	80	<5	.07	<1	10	10	7	3.90	.02	<10	.12	699	<1	.01	8	1050	16	<5	<20	7	.13	<10	40	<10	9	55
42	L 2 + 00S 3 + 25E	<.2	1.22	<5	<2	35	<5	.05	<1	8	11	10	2.78	.03	<10	.21	176	<1	<.01	10	840	8	<5	<20	10	.07	10	24	<10	6	37
43	L 2 + 00S 3 + 50E	.2	2.26	<5	2	95	10	.11	<1	17	16	8	5.80	.02	<10	.22	1518	2	<.01	14	1720	88	<5	<20	10	.10	<10	29	40	7	118
44	L 2 + 00S 3 + 75E	<.2	4.48	5	<2	120	<5	.76	<1	22	14	21	5.68	.02	<10	.32	971	<1	.06	34	1310	16	5	<20	79	.08	<10	18	20	14	153
45	L 2 + 00S 4 + 00E	<.2	1.53	<5	<2	50	<5	.06	<1	6	12	13	2.54	.02	<10	.12	352	<1	.01	8	640	6	<5	<20	7	.08	<10	29	<10	6	47
46	L 2 + 00S 4 + 25E	<.2	1.51	10	<2	55	<5	.08	<1	11	16	8	4.12	.01	10	.46	220	<1	<.01	15	370	16	<5	<20	5	.06	<10	21	<10	5	85
47	L 2 + 00S 4 + 50E	<.2	.82	<5	<2	30	<5	.04	<1	3	5	4	1.68	.01	<10	.08	81	<1	<.01	3	410	14	<5	<20	5	.05	<10	21	<10	3	24
48	L 2 + 00S 4 + 75E	<.2	1.71	5	<2	100	<5	.32	<1	19	24	9	4.45	.20	10	.54	1727	<1	<.01	19	2090	46	<5	<20	12	.17	<10	20	<10	17	883
49	L 2 + 00S 5 + 00E	<.2	.57	5	<2	50	<5	.02	<1	5	5	3	1.70	.01	<10	.08	1800	<1	<.01	4	570	2	<5	<20	3	.04	<10	17	<10	3	32
50	L 4 + 00N B/L	<.2	1.86	5	<2	125	<5	.12	<1	12	16	9	3.25	.11	10	.45	200	<1	.01	19	780	4	<5	<20	12	.05	<10	18	<10	5	48
51	L 4 + 00N 0 + 25E	.2	2.58	<5	<2	175	<5	.24	<1	11	10	5	2.36	.07	<10	.20	1127	<1	.01	10	3310	6	<5	<20	13	.12	<10	21	<10	10	72
52	L 4 + 00N 0 + 50W	<.2	2.17	<5	<2	95	<5	.10	<1	14	11	6	2.76	.05	<10	.25	340	<1	.01	17	1610	8	<5	<20	9	.10	<10	23	<10	7	66
53	L 4 + 00N 0 + 75W	<.2	1.09	<5	<2	50	<5	.13	<1	9	13	6	2.60	.07	10	.41	162	<1	<.01	14	410	2	<5	<20	9	.02	<10	11	<10	3	34
54	L 4 + 00N 1 + 00W	<.2	1.61	<5	<2	110	<5	.15	<1	11	14	4	2.59	.08	10	.37	450	<1	.01	16	530	4	<5	<20	13	.03	<10	16	<10	3	50
55	L 4 + 00N 1 + 25W	.2	3.91	<5	2	265	<5	1.02	<1	36	45	21	4.10	.17	<10	1.01	2080	<1	.04	56	490	12	5	<20	90	.11	<10	51	<10	13	88
QC DATA:																															
REPEAT #:																															
37	L 2 + 00S 2 + 00E	<.2	2.79	5	<2	125	<5	.20	<1	18	19	14	3.68	.06	<10	.37	767	<1	.02	27	1130	10	<5	<20	14	.10	<10	29	<10	17	73
GEO STANDARDS:																															
STANDARD 1991		1.0	1.98	55	2	185	<5	1.88	<1	21	69	73	3.94	.36	<10	1.00	676	<1	.02	22	640	22	5	<20	68	.14	<10	84	50	15	67

NOTE: < = LESS THAN

SC/TECK2

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI,B.C. Certified Assayer

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	Z
193-	L 13+ 00N 1 + 50E	.2	2.80	<5	<2	115	<5	.10	<1	10	12	4	2.33	.06	10	.26	166	<1	.01	13	630	8	<5	<20	9	.11	<10	23	<10	11	105
194-	L 13+ 00N 1 + 75E	<.2	1.33	<5	<2	65	<5	.13	<1	8	13	5	2.41	.05	10	.31	177	<1	<.01	15	420	4	<5	<20	8	.05	<10	18	<10	5	46
195-	L 13+ 00N 2 + 00E	<.2	1.24	<5	<2	45	<5	.16	<1	6	9	3	1.79	.04	10	.17	362	<1	.01	10	290	6	<5	<20	8	.05	<10	24	<10	5	36
196-	L 13+ 00N 2 + 25E	<.2	2.56	<5	<2	135	<5	.19	<1	16	22	13	3.24	.12	10	.60	186	<1	.01	27	430	14	<5	<20	19	.06	<10	21	<10	8	76
197-	L 13+ 00N 2 + 50E	<.2	2.10	<5	<2	90	<5	.17	<1	8	9	3	1.74	.04	10	.14	335	<1	.01	8	270	6	<5	<20	11	.10	<10	25	<10	10	47
198-	L 13+ 00N 2 + 75E	<.2	2.67	<5	<2	110	<5	.14	<1	12	13	4	2.57	.05	<10	.23	252	<1	.01	12	710	8	<5	<20	11	.14	<10	31	<10	11	76
199-	L 13+ 00N 3 + 00E	<.2	4.14	<5	<2	130	<5	.24	<1	19	30	16	3.90	.11	10	.71	290	<1	.02	29	890	14	<5	<20	23	.12	<10	31	<10	12	93
200-	L 13+ 00N 3 + 25E	<.2	4.22	<5	<2	140	<5	.20	<1	13	16	7	3.16	.06	<10	.31	196	<1	.01	15	1060	10	<5	<20	17	.16	<10	31	<10	13	100
201-	L 13+ 00N 3 + 50E	<.2	3.72	<5	<2	155	<5	.13	<1	12	15	5	2.84	.05	<10	.24	508	<1	.01	14	610	8	<5	<20	11	.13	<10	31	<10	10	84
202-	L 13+ 00N 3 + 75E	<.2	2.84	<5	<2	120	<5	.11	<1	12	21	8	3.08	.08	<10	.46	154	<1	.01	20	450	12	<5	<20	11	.11	<10	29	<10	9	85
203-	L 13+ 00N 4 + 00E	<.2	2.14	<5	<2	100	<5	.18	<1	15	18	12	3.14	.06	10	.47	212	<1	.01	24	450	10	<5	<20	12	.07	<10	21	<10	9	73
204-	L 13+ 00N 4 + 25E	<.2	3.40	<5	<2	125	<5	.21	<1	17	32	7	3.62	.09	<10	.62	392	<1	.01	22	520	8	<5	<20	17	.16	<10	45	<10	12	96
205-	L 13+ 00N 4 + 50E	<.2	3.11	<5	<2	150	<5	.22	<1	19	35	13	4.87	.10	10	.70	177	<1	.01	31	610	8	<5	<20	19	.12	<10	44	<10	10	85
206-	L 13+ 00N 4 + 75E	<.2	3.18	<5	<2	95	<5	.36	<1	13	23	6	2.63	.06	<10	.41	232	<1	.02	18	290	6	<5	<20	24	.15	<10	39	<10	11	57
207-	L 13+ 00N 5 + 00E	<.2	3.49	<5	<2	120	<5	.47	<1	15	24	9	3.28	.09	<10	.53	369	<1	.02	24	430	12	5	<20	36	.11	<10	28	<10	11	67
208-	L 13+ 00N 5 + 25E	<.2	4.87	<5	<2	155	<5	1.27	<1	23	45	11	4.50	.24	<10	1.01	573	<1	.07	34	630	6	5	<20	106	.19	<10	59	<10	17	92
209-	L 13+ 00N 5 + 50E	<.2	2.28	<5	<2	140	<5	.19	<1	14	20	9	3.37	.08	10	.52	364	<1	.01	24	1020	6	<5	<20	16	.08	<10	26	<10	7	87
210-	L 13+ 00N 5 + 75E	<.2	2.53	<5	<2	145	<5	.47	<1	17	26	6	3.08	.14	<10	.54	1233	<1	.03	23	1090	8	<5	<20	39	.14	<10	38	<10	10	118
211-	L 13+ 00N 6 + 00E	<.2	3.42	<5	<2	85	<5	.21	<1	22	24	15	3.46	.06	<10	.52	353	1	.01	33	1340	14	<5	<20	18	.13	<10	41	20	9	79
212-	L 13+ 00N 6 + 25E	<.2	3.98	<5	<2	115	<5	.34	<1	20	31	11	4.21	.09	<10	.57	350	<1	.02	32	1110	6	<5	<20	28	.16	<10	47	<10	11	134
213-	L 13+ 00N 6 + 50E	<.2	2.45	<5	<2	180	<5	.11	<1	16	19	7	3.83	.07	10	.44	237	<1	<.01	18	1430	8	<5	<20	10	.10	<10	27	<10	8	114
214-	L 13+ 00N 6 + 75E	<.2	2.80	<5	<2	145	<5	.09	<1	13	14	5	3.32	.05	10	.37	224	<1	<.01	17	1180	8	<5	<20	8	.09	<10	24	<10	7	136
215-	L 13+ 00N 7 + 00E	<.2	2.49	<5	<2	105	<5	.09	<1	11	16	6	3.73	.05	10	.34	172	<1	<.01	14	520	12	<5	<20	8	.08	<10	28	<10	7	115

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
Certified Assayer

SC/TECK2

TECK EXPLORATION ETK 92-269

JULY 1, 1992

ECO-TECH LABORATORIES LTD.

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
151-	L 14+00N 2 + 50E	<.2	2.57	<5	<2	80	<5	.49	<1	14	18	8	2.94	.06	<10	.39	229	<1	.01	21	510	20	<5	<20	29	.08	<10	24	10	8	103
152-	L 14+00N 2 + 75E	<.2	<.01	<5	<2	<5	<5	<.01	<1	<1	<1	<1	<.01	<.01	<10	<.01	<1	<1	<.01	<1	<10	<2	<5	<20	1	<.01	<10	<1	<10	<1	<1
153-	L 14+00N 3 + 00E	<.2	.73	35	<2	60	<5	.12	<1	16	2	15	3.50	.06	10	.03	222	<1	<.01	29	380	<2	<5	<20	7	<.01	<10	1	<10	1	32
154-	L 14+00N 3 + 25E	<.2	1.11	<5	<2	40	<5	.09	<1	4	3	1	1.03	.01	<10	.05	278	<1	.01	3	230	2	<5	<20	7	.07	<10	22	<10	5	31
155-	L 14+00N 3 + 50E	<.2	3.57	<5	<2	140	<5	.25	<1	18	29	15	3.78	.08	10	.65	197	<1	.01	31	540	20	<5	<20	23	.06	<10	23	30	9	115
156-	L 14+00N 3 + 75E	<.2	1.88	5	<2	80	<5	.19	<1	8	10	3	1.99	.03	<10	.17	204	<1	.01	10	250	8	<5	<20	11	.10	<10	26	<10	8	57
157-	L 14+00N 4 + 00E	<.2	2.00	<5	<2	100	<5	.32	<1	10	18	5	2.34	.06	<10	.34	1598	<1	.01	13	1140	8	<5	<20	24	.10	<10	29	<10	8	70
158-	L 14+00N 4 + 25E	<.2	2.61	<5	<2	110	<5	.19	<1	16	22	11	3.17	.08	10	.55	309	<1	.01	26	770	16	<5	<20	15	.07	<10	21	<10	9	74
159-	L 14+00N 4 + 50E	<.2	3.00	<5	<2	100	<5	.07	<1	12	15	7	3.21	.04	<10	.29	120	<1	<.01	14	590	10	<5	<20	8	.11	<10	28	<10	10	76
160-	L 14+00N 4 + 75E	<.2	4.31	<5	<2	130	<5	.14	<1	14	20	7	3.43	.06	<10	.45	264	1	.01	17	980	12	<5	<20	12	.13	<10	30	<10	11	103
161-	L 14+00N 5 + 00E	<.2	3.53	<5	<2	110	<5	.61	<1	15	26	8	3.42	.12	<10	.62	413	<1	.03	22	590	18	<5	<20	50	.12	<10	39	<10	11	100
162-	L 14+00N 5 + 25E	<.2	5.28	<5	<2	145	5	.39	<1	20	41	9	4.18	.11	<10	.87	647	<1	.02	29	1040	10	<5	<20	30	.16	<10	50	<10	14	157
163-	L 14+00N 5 + 50E	<.2	2.00	<5	<2	95	<5	.10	<1	7	7	2	1.69	.02	<10	.12	1218	<1	.01	6	320	4	<5	<20	8	.09	<10	28	<10	8	42
164-	L 14+00N 5 + 75E	<.2	2.87	<5	<2	145	<5	.20	<1	15	23	10	3.34	.07	10	.51	314	<1	.01	23	570	10	<5	<20	15	.10	<10	31	<10	9	79
165-	L 14+00N 6 + 00E	<.2	2.04	<5	<2	100	5	.10	<1	10	17	5	2.59	.06	10	.33	694	<1	.01	12	840	10	<5	<20	10	.08	<10	27	<10	7	61
166-	L 14+00N 6 + 25E	<.2	1.76	5	<2	90	<5	.05	<1	9	14	5	3.23	.04	10	.33	150	<1	<.01	12	320	6	<5	<20	6	.07	<10	29	<10	6	63
167-	L 14+00N 6 + 50E	<.2	2.41	<5	<2	95	<5	.27	<1	11	12	5	2.64	.05	<10	.27	1652	<1	.01	12	1560	12	<5	<20	13	.11	<10	23	<10	10	102
168-	L 14+00N 6 + 75E	<.2	3.26	<5	<2	160	<5	.17	<1	11	18	6	3.69	.05	10	.39	164	1	<.01	13	790	12	<5	<20	12	.12	<10	35	<10	9	121
169-	L 14+00N 7 + 00E	<.2	4.04	<5	2	105	5	1.93	<1	49	22	30	6.64	.08	<10	.78	1189	1	.03	72	710	14	<5	<20	90	.09	<10	20	<10	16	182

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
26 -	L 15+00N 3 + 25E	<.2	3.46	10	<2	120	<5	.32	<1	18	24	15	3.84	.09	10	.64	174	<1	.01	31	300	12	<5	<20	34	.08	<10	23	<10	9	111
27 -	L 15+00N 3 + 50E	<.2	4.26	5	<2	80	<5	.55	<1	10	13	8	2.32	.04	10	.25	2093	<1	.01	12	720	12	<5	<20	26	.15	<10	25	<10	17	157
28 -	L 15+00N 3 + 75E	<.2	2.42	10	<2	95	<5	.11	<1	14	22	12	3.05	.08	10	.54	206	<1	<.01	23	290	6	<5	<20	8	.08	<10	25	<10	7	93
29 -	L 15+00N 4 + 00E	.2	2.80	5	<2	80	<5	.44	<1	10	15	10	2.20	.04	10	.32	2845	<1	.01	16	510	6	<5	<20	21	.09	<10	23	<10	15	70
30 -	L 15+00N 4 + 25E	<.2	5.14	5	<2	75	<5	.05	<1	10	11	8	3.16	.02	<10	.14	141	<1	<.01	8	1300	12	<5	<20	5	.18	<10	32	<10	15	64
31 -	L 15+00N 4 + 50E	<.2	2.35	5	<2	60	<5	.08	<1	6	7	4	1.71	.01	<10	.08	680	<1	.01	5	740	8	<5	<20	6	.11	<10	23	<10	8	40
32 -	L 15+00N 4 + 75E	<.2	2.78	10	<2	70	<5	.07	<1	12	16	9	2.82	.04	<10	.35	146	<1	<.01	14	650	8	<5	<20	7	.11	<10	28	<10	9	88
33 -	L 15+00N 5 + 00E	<.2	3.50	15	<2	85	<5	.11	<1	12	15	7	2.96	.03	<10	.31	214	<1	.01	14	930	10	<5	<20	11	.12	<10	28	<10	9	88
34 -	L 15+00N 5 + 25E	<.2	2.64	10	<2	55	<5	.10	<1	12	19	7	3.13	.04	<10	.39	345	<1	<.01	16	1750	10	<5	<20	6	.08	<10	25	<10	6	86
35 -	L 15+00N 5 + 50E	<.2	3.94	10	<2	70	<5	.12	<1	14	22	7	3.48	.04	<10	.39	263	<1	<.01	16	1230	12	<5	<20	8	.13	<10	32	<10	10	122
36 -	L 15+00N 5 + 75E	<.2	3.31	5	<2	75	<5	.11	<1	12	15	7	2.67	.04	<10	.31	232	<1	<.01	14	450	8	<5	<20	8	.11	<10	23	<10	10	93
37 -	L 15+00N 6 + 00E	<.2	3.37	10	2	70	<5	.11	<1	14	16	7	3.27	.03	<10	.29	162	2	<.01	15	520	14	<5	<20	9	.11	<10	28	<10	9	154
38 -	L 15+00N 6 + 25E	<.2	3.35	5	<2	65	<5	.75	<1	14	16	11	2.80	.03	10	.22	1152	<1	.01	12	330	10	<5	<20	31	.09	<10	23	<10	16	87
39 -	L 15+00N 6 + 50E	<.2	4.50	15	<2	70	<5	.39	<1	13	22	9	3.61	.03	10	.41	98	1	.01	17	260	18	<5	<20	30	.09	<10	25	<10	10	105
40 -	L 15+00N 6 + 75E	<.2	1.05	5	<2	15	<5	.59	<1	4	3	3	1.69	<.01	<10	.07	26	<1	<.01	2	180	10	<5	<20	24	.12	<10	28	<10	9	36
41 -	L 15+00N 7 + 00E	<.2	2.89	<5	<2	65	<5	.15	<1	9	15	7	3.49	.03	<10	.21	69	1	<.01	11	270	10	<5	<20	9	.11	<10	30	<10	8	92
42 -	L 15+00N 7 + 25E	<.2	1.92	<5	<2	70	<5	.10	<1	13	15	5	2.63	.03	<10	.28	557	<1	<.01	13	280	10	<5	<20	8	.09	<10	26	<10	7	100
43 -	L 15+00N 7 + 50E	<.2	3.34	5	<2	80	<5	.21	<1	16	27	10	3.16	.06	10	.59	180	<1	.01	23	650	14	5	<20	14	.08	<10	27	<10	8	105
44 -	L 15+00N 7 + 75E	<.2	4.35	5	2	65	<5	.20	<1	16	24	10	3.20	.08	<10	.56	194	1	.01	22	660	32	5	<20	17	.12	<10	30	20	12	217
45 -	L 15+00N 8 + 00E	<.2	3.46	10	<2	85	<5	.22	<1	14	19	10	2.95	.08	<10	.46	194	<1	.01	20	410	22	<5	<20	19	.10	<10	25	<10	10	166
46 -	L 15+00N 8 + 25E	.2	3.68	5	2	40	<5	1.79	<1	11	16	14	2.40	.07	10	.34	1193	<1	.02	14	750	4	<5	<20	61	.09	<10	18	<10	19	64
47 -	L 15+00N 8 + 50E	<.2	4.39	15	<2	50	<5	.46	<1	16	30	11	3.60	.05	10	.64	188	<1	.02	26	430	12	5	<20	35	.08	<10	25	<10	13	115
48 -	L 15+00N 8 + 75E	<.2	2.45	10	<2	25	<5	1.22	<1	9	15	4	2.09	.09	10	.41	571	<1	.05	12	720	4	5	<20	77	.06	<10	22	<10	8	140
49 -	L 15+00N 9 + 00E	<.2	3.54	5	<2	40	<5	.43	<1	14	26	8	3.25	.04	10	.53	131	<1	.01	21	400	10	<5	<20	29	.07	<10	20	<10	11	94

NOTE: LESS THAN

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTI, A.Sc.T.
B.C. Certified Assayer

EAST ... CANAL
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JULY 13 , 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

... 350, 2... Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN
PROJECT NO.: 1703
49 SOIL SAMPLES RECEIVED JULY 1, 1992

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	L 16+00N 6 + 25E	<.2	1.62	<5	<2	55	<5	.18	<1	10	13	7	2.55	.08	10	.31	110	<1	<.01	17	220	14	<5	<20	12	.04	<10	13	<10	5	77
2	L 16+00N 6 + 50E	<.2	2.47	10	<2	50	<5	.18	<1	15	30	7	4.12	.07	<10	.54	141	1	<.01	19	320	14	<5	<20	13	.13	<10	45	<10	9	198
3	L 16+00N 6 + 75E	<.2	5.79	<5	2	85	<5	.55	<1	14	32	9	4.38	.05	10	.56	90	2	.02	19	130	12	5	<20	39	.13	<10	36	<10	12	178
4	L 16+00N 7 + 00E	<.2	3.45	<5	<2	45	<5	.49	<1	11	32	9	2.49	.05	20	.34	425	1	.01	19	120	12	<5	<20	28	.12	<10	23	<10	43	159
5	L 16+00N 7 + 25E	<.2	2.86	5	<2	50	<5	.26	<1	13	19	6	3.03	.05	<10	.38	221	<1	.01	18	250	10	<5	<20	21	.11	<10	29	<10	9	132
6	L 16+00N 7 + 50E	<.2	3.10	10	<2	95	<5	.18	<1	16	27	7	3.90	.09	<10	.59	176	<1	<.01	25	380	10	<5	<20	12	.09	<10	29	<10	7	226
7	L 16+00N 7 + 75E	<.2	2.10	5	<2	65	<5	.10	<1	12	18	6	3.22	.04	<10	.35	196	<1	<.01	13	450	8	<5	<20	8	.11	<10	33	<10	8	130
8	L 16+00N 8 + 00E	<.2	4.28	<5	<2	80	<5	.38	<1	15	26	8	3.07	.05	<10	.58	183	<1	.02	23	410	14	5	<20	33	.10	<10	23	<10	10	380
9	L 16+00N 8 + 25E	<.2	3.29	5	2	60	<5	.27	<1	12	19	7	2.95	.02	<10	.40	185	2	.01	14	440	14	<5	<20	21	.13	<10	33	<10	9	135
10	L 16+00N 8 + 50E	<.2	3.67	5	<2	65	<5	.22	<1	13	23	8	3.10	.06	<10	.53	180	<1	.01	21	420	12	<5	<20	17	.11	<10	27	<10	10	107
11	L 16+00N 8 + 75E	<.2	3.06	5	<2	65	<5	.25	<1	14	25	8	3.18	.08	10	.58	356	<1	.01	24	330	8	5	<20	15	.10	<10	27	<10	8	88
12	L 16+00N 9 + 00E	<.2	4.44	5	<2	80	<5	.77	<1	17	38	15	3.72	.13	10	.94	213	<1	.04	30	510	14	<5	<20	66	.09	<10	31	<10	10	84
16	L 15+00N 0 + 75E	<.2	1.79	5	<2	50	<5	.12	<1	9	11	7	2.72	.03	<10	.22	86	<1	<.01	13	220	4	<5	<20	10	.06	<10	27	<10	5	52
17	L 15+00N 1 + 00E	<.2	3.01	<5	<2	80	<5	.90	<1	12	15	12	2.68	.08	20	.33	923	<1	.01	22	330	6	<5	<20	44	.08	<10	16	<10	20	40
18	L 15+00N 1 + 25E	<.2	2.76	10	<2	65	<5	.35	<1	10	8	7	2.72	.05	10	.10	163	<1	<.01	9	240	6	<5	<20	19	.12	<10	21	<10	15	46
19	L 15+00N 1 + 50E	<.2	2.71	10	<2	80	<5	.54	<1	12	7	10	2.92	.04	20	.09	543	<1	<.01	13	530	6	<5	<20	31	.10	<10	23	<10	21	73
20	L 15+00N 1 + 75E	<.2	3.36	10	<2	85	<5	.16	<1	13	8	4	2.85	.03	<10	.14	217	<1	<.01	7	2010	8	<5	<20	11	.17	<10	28	<10	12	84
21	L 15+00N 2 + 00E	<.2	2.66	10	<2	45	<5	.19	<1	8	7	5	2.16	.02	<10	.08	194	<1	.01	6	510	10	<5	<20	11	.12	<10	28	<10	9	55
22	L 15+00N 2 + 25E	<.2	2.75	10	<2	50	5	.20	<1	10	11	4	2.39	.03	<10	.19	226	<1	.01	8	270	8	<5	<20	11	.13	<10	32	<10	10	71
23	L 15+00N 2 + 50E	<.2	3.86	10	<2	45	<5	.32	<1	12	18	6	2.76	.03	10	.34	174	<1	.01	14	220	10	<5	<20	26	.10	<10	26	<10	15	56
24	L 15+00N 2 + 75E	<.2	1.02	<5	<2	10	<5	1.10	<1	3	2	10	1.02	.01	<10	.06	60	<1	.01	1	180	<2	<5	<20	41	.06	<10	22	<10	5	26
25	L 15+00N 3 + 00E	<.2	4.00	5	<2	50	<5	.88	<1	10	17	6	2.52	.03	<10	.36	119	1	.01	13	240	16	<5	<20	43	.10	<10	25	<10	9	108

RT#	DESCRIPTION		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
68	L 18+00N	B/L	<.2	2.81	10	<2	190	<5	.34	<1	14	17	11	3.21	.18	20	.37	348	<1	.01	25	490	6	<5	<20	23	.08	<10	22	<10	14	49
69	L 18+00N	0 + 25E	<.2	2.31	5	<2	80	<5	.13	<1	9	12	7	2.62	.08	<10	.20	122	<1	.01	13	830	10	<5	<20	10	.11	<10	23	<10	8	44
70	L 18+00N	0 + 50E	<.2	.99	<5	<2	55	<5	.07	<1	6	10	1	2.23	.04	10	.22	73	<1	<.01	7	750	6	<5	<20	6	.08	<10	23	<10	6	37
71	L 18+00N	0 + 75E	.2	5.06	10	2	490	<5	.58	<1	21	29	40	5.21	.47	40	.48	1745	1	.02	59	800	12	<5	<20	54	.12	<10	40	<10	27	76
72	L 18+00N	1 + 00E	<.2	1.84	5	<2	90	<5	.14	<1	13	14	9	2.86	.12	20	.45	243	<1	<.01	21	510	2	<5	<20	12	.04	<10	13	<10	7	46
73	L 18+00N	1 + 25E	<.2	2.59	10	<2	165	<5	.14	<1	14	18	10	3.42	.16	10	.37	257	<1	.01	25	960	10	<5	<20	13	.09	<10	25	<10	8	75
74	L 18+00N	1 + 50E	<.2	2.86	10	<2	180	<5	.19	<1	14	16	7	3.37	.11	10	.30	228	<1	.01	18	2070	10	<5	<20	12	.12	<10	27	<10	10	102
75	L 18+00N	1 + 75E	<.2	1.74	5	<2	135	<5	.18	<1	12	16	7	3.06	.12	10	.35	306	<1	<.01	22	1830	6	<5	<20	11	.06	<10	19	<10	6	86
76	L 18+00N	2 + 00E	<.2	2.30	5	<2	145	<5	.41	<1	15	20	9	3.04	.15	20	.53	771	<1	.01	25	460	6	<5	<20	28	.05	<10	19	<10	10	78
77	L 18+00N	2 + 25E	<.2	2.10	5	<2	105	<5	.11	<1	11	13	6	2.82	.08	10	.28	594	<1	.01	13	570	6	<5	<20	10	.09	<10	25	<10	7	86
78	L 18+00N	2 + 50E	<.2	2.76	10	<2	110	<5	.17	<1	10	14	6	3.22	.06	<10	.33	151	<1	.01	12	380	10	<5	<20	11	.11	<10	28	<10	8	112
79	L 18+00N	2 + 75E	<.2	3.51	10	<2	160	<5	.77	<1	15	18	12	3.27	.17	20	.42	402	<1	.01	25	370	8	<5	<20	38	.09	<10	23	<10	13	73
80	L 18+00N	3 + 00E	<.2	2.22	<5	<2	75	<5	.73	<1	10	13	10	2.22	.09	10	.36	414	<1	.01	14	290	4	<5	<20	36	.05	<10	21	<10	9	51
81	L 18+00N	3 + 25E	<.2	8.98	<5	2	140	<5	4.66	<1	20	74	14	3.40	.13	<10	1.26	216	<1	.30	31	380	10	<5	<20	318	.12	<10	65	<10	13	90
82	L 18+00N	3 + 50E	<.2	3.79	10	<2	145	<5	.90	<1	27	34	17	3.79	.26	10	1.10	297	<1	.05	36	410	20	5	<20	66	.11	<10	29	<10	14	66
83	L 18+00N	3 + 75E	<.2	3.03	5	<2	35	<5	.76	<1	7	16	3	2.14	.02	<10	.30	56	<1	.02	8	180	4	<5	<20	47	.09	<10	30	<10	9	56
84	L 18+00N	4 + 00E	<.2	5.19	<5	<2	80	<5	2.85	<1	16	40	10	3.54	.18	<10	.94	419	<1	.10	23	500	12	<5	<20	197	.10	<10	33	<10	13	81

TECK EXPLORATION ETK 92-269

JULY 1, 1992

ECO-TECH LABORATORIES LTD.

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
120	L 16+00N 00S 0 + 75E	<.2	2.17	<5	<2	85	<5	.44	<1	12	13	7	2.81	.06	10	.29	332	<1	.01	18	340	6	<5	<20	23	.08	<10	25	<10	9	47
121	L 16+00N 00S 1 + 00E	<.2	3.34	<5	<2	55	<5	.59	<1	10	8	5	2.02	.02	10	.11	219	<1	.02	9	340	4	<5	<20	25	.08	<10	22	<10	12	39
122	L 16+00N 00S 1 + 25E	<.2	3.08	<5	2	75	<5	.35	<1	9	5	4	2.60	.03	<10	.07	428	2	.01	5	1600	10	<5	<20	18	.13	<10	25	10	11	47
123	L 16+00N 00S 1 + 50E	<.2	1.04	<5	<2	75	<5	.09	<1	7	8	3	1.93	.04	10	.17	135	<1	.01	8	600	2	<5	<20	9	.06	<10	21	<10	5	64
124	L 16+00N 00S 1 + 75E	<.2	1.64	<5	<2	90	<5	.15	<1	10	14	7	2.62	.07	10	.30	175	<1	.01	18	300	6	<5	<20	14	.08	<10	27	<10	7	50
125	L 16+00N 00S 2 + 00E	<.2	3.80	<5	<2	125	<5	.53	<1	12	16	6	3.45	.07	<10	.36	168	<1	.01	16	240	10	<5	<20	33	.11	<10	34	<10	10	36
126	L 16+00N 00S 2 + 25E	<.2	4.45	<5	<2	115	5	.64	<1	17	18	6	3.36	.05	10	.48	223	1	<.01	22	450	12	<5	<20	34	.10	<10	21	<10	17	81
127	L 16+00N 00S 2 + 50E	<.2	3.16	<5	<2	145	<5	.38	<1	16	21	13	3.37	.09	10	.45	881	1	.01	28	380	10	<5	<20	32	.07	<10	25	<10	12	73
128	L 16+00N 00S 2 + 75E	<.2	4.81	<5	2	155	5	.51	<1	20	41	10	4.46	.08	<10	.72	873	1	.02	29	490	12	<5	<20	37	.13	<10	47	<10	11	158
129	L 16+00N 00S 3 + 00E	<.2	1.75	<5	<2	30	<5	1.01	<1	3	6	4	1.46	.02	<10	.07	178	<1	.02	4	240	2	<5	<20	44	.07	<10	22	<10	8	29
130	L 16+00N 00S 3 + 25E	<.2	4.40	<5	<2	65	<5	.44	<1	11	20	8	2.47	.05	10	.31	95	<1	.02	16	190	16	<5	<20	32	.12	<10	22	10	14	74
131	L 16+00N 00S 3 + 50E	<.2	5.39	<5	<2	90	<5	1.70	<1	16	39	12	3.51	.07	10	.82	264	<1	.06	26	250	12	5	<20	108	.13	<10	37	<10	17	99
132	L 16+00N 00S 3 + 75E	<.2	4.55	<5	<2	85	<5	.40	<1	12	16	7	2.94	.04	<10	.26	180	<1	.01	15	260	10	<5	<20	25	.14	<10	31	<10	14	56
133	L 16+00N 00S 4 + 00E	<.2	5.40	<5	<2	95	<5	.46	<1	14	21	9	3.73	.04	<10	.34	113	<1	.01	19	420	16	<5	<20	24	.15	<10	30	<10	15	104
134	L 16+00N 00S 4 + 25E	<.2	3.59	<5	2	75	<5	.22	<1	13	19	5	3.38	.04	<10	.36	252	1	.01	13	460	18	<5	<20	13	.15	<10	39	30	11	105
135	L 16+00N 00S 4 + 50E	<.2	2.78	<5	<2	85	<5	.15	<1	12	18	7	2.59	.05	<10	.33	1334	<1	.01	13	920	10	<5	<20	13	.10	<10	29	<10	9	71
136	L 16+00N 00S 4 + 75E	<.2	2.91	<5	<2	85	<5	.11	<1	12	18	6	2.83	.04	<10	.35	327	<1	.01	17	1110	10	<5	<20	11	.12	<10	28	<10	10	94
137	L 16+00N 00S 5 + 00E	<.2	2.33	5	<2	80	<5	.08	<1	12	15	7	2.77	.04	<10	.31	224	<1	<.01	14	670	6	<5	<20	7	.10	<10	25	<10	9	67
138	L 16+00N 00S 5 + 25E	<.2	4.30	5	<2	100	<5	.99	<1	18	16	5	4.98	.04	<10	.36	453	<1	.06	25	1430	20	<5	<20	127	.07	<10	18	<10	12	142
139	L 16+00N 00S 5 + 50E	.2	1.75	<5	<2	55	<5	.11	<1	10	13	6	2.41	.04	<10	.32	151	<1	<.01	13	430	8	<5	<20	13	.05	<10	17	<10	5	55
140	L 16+00N 00S 5 + 75E	<.2	4.03	5	2	90	<5	.22	<1	13	19	5	3.34	.05	<10	.37	200	2	.01	16	560	24	<5	<20	15	.12	<10	29	50	10	144
141	L 16+00N 00S 6 + 00E	<.2	1.79	<5	<2	90	<5	.14	<1	9	12	3	2.20	.05	<10	.23	341	<1	.01	10	210	8	<5	<20	12	.09	<10	29	<10	7	104
146	L 14+00N 1 + 25E	<.2	4.20	<5	2	60	<5	1.61	<1	9	12	11	2.17	.05	10	.25	369	<1	.02	12	460	8	<5	<20	71	.13	<10	12	<10	23	36
147	L 14+00N 1 + 50E	<.2	2.19	<5	<2	80	<5	.50	<1	10	11	5	2.70	.06	<10	.26	102	<1	<.01	15	210	4	<5	<20	26	.07	<10	17	<10	6	54
148	L 14+00N 1 + 75E	<.2	1.84	5	<2	85	<5	.16	<1	10	13	6	2.34	.06	<10	.32	121	<1	<.01	17	210	10	<5	<20	13	.05	<10	17	<10	5	73
149	L 14+00N 2 + 00E	<.2	2.14	<5	<2	95	<5	.12	<1	10	11	4	2.55	.04	<10	.20	702	<1	.01	10	650	8	<5	<20	10	.13	<10	31	<10	10	106
150	L 14+00N 2 + 25E	<.2	4.32	5	2	95	<5	.72	<1	13	17	5	3.09	.05	<10	.38	191	<1	.01	16	770	14	<5	<20	33	.14	<10	28	<10	12	208

Rock Analyses

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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JULY 7, 1992

CERTIFICATE OF ASSAY ETK 92-276

TECK EXPLORATION
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

SAMPLE IDENTIFICATION: 19 ROCK samples received JUNE 26, 1992
---------- PROJECT: 1703

ET#	Description	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1-	106001	<.1	<.01	<.01	.01
2-	106002	10.7	.31	.68	.62
3-	106003	25.5	.74	1.06	.17
4-	106004	29.4	.86	1.22	.10
5-	106005	11.3	.33	.52	.23
6-	106006	21.6	.63	.67	.38
7-	106007	3.8	.11	.14	1.58
8-	106008	8.0	.23	.46	1.08
9-	106009	20.2	.59	.94	5.58
10-	106010	12.6	.37	.53	.16
11-	106011	1.5	.04	.09	.72
12-	106012	17.3	.51	.79	1.64
13-	106013	53.4	1.56	3.40	1.14
14-	106014	3.5	.10	.21	.14
15-	106015	5.9	.17	.45	2.46
16-	106016	3.7	.11	.23	.66
17-	106017	18.2	.53	1.54	4.62
18-	106018	5.2	.15	.29	.88
19-	106019	7.4	.22	.55	2.02

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JULY 7, 1992

TECK EXPLORATION ETK 92-276
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY
PROJECT NUMBER: 1703
19 ROCK SAMPLES RECEIVED JUNE 26, 1992

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- 106001	<.2	.83	5	<2	5	<5	.55	<1	5	142	2	2.65	.01	20	.46	248	4	<.01	5	1090	4	<5	<20	20	.01	<10	5	<10	9	16
2	- 106002	8.4	.15	485	<2	50	5	3.27	4	8	68	25	>15	<.01	<10	1.41	3378	4	<.01	5	330	5034	5	<20	34	.01	30	<1	<10	<1	5269
3	- 106003	18.2	.08	465	<2	50	10	2.77	<1	7	56	9	>15	<.01	<10	1.15	2974	2	<.01	4	210	>10000	15	<20	31	<.01	30	<1	<10	<1	1143
4	- 106004	21.6	.15	370	<2	50	10	.77	<1	9	87	15	>15	<.01	<10	.22	1125	5	<.01	5	170	>10000	5	<20	12	.01	30	<1	<10	<1	698
5	- 106005	9.2	.11	440	<2	45	10	.29	1	9	89	10	>15	<.01	<10	.06	473	3	<.01	7	310	4236	<5	<20	5	.01	30	<1	<10	<1	2634
6	- 106006	15.6	.06	450	<2	40	10	.01	1	7	102	6	>15	<.01	<10	<.01	84	6	<.01	4	<10	5782	5	<20	<1	<.01	30	<1	<10	<1	3885
7	- 106007	4.0	.09	270	<2	50	5	6.09	11	8	28	12	12.46	<.01	<10	4.46	>10000	2	<.01	3	620	894	10	<20	63	<.01	30	<1	<1000	<1	>10000
8	- 106008	9.2	.13	280	<2	65	<5	13.66	19	8	33	53	11.98	<.01	<10	5.82	>10000	4	<.01	4	1720	3434	30	<20	137	<.01	40	<1	<1000	6	>10000
9	- 106009	14.0	.07	625	<2	65	5	2.19	56	8	46	44	>15	<.01	<10	.78	2275	3	<.01	11	760	9038	15	<20	20	<.01	30	<1	<1000	<1	>10000
10	- 106010	11.0	.04	520	<2	60	10	1.01	<1	9	103	10	>15	<.01	<10	.18	606	6	<.01	6	360	4882	<5	<20	17	<.01	30	<1	<10	<1	1592
11	- 106011	2.8	.03	230	<2	45	5	12.12	4	3	16	10	11.53	<.01	<10	5.63	>10000	2	<.01	1	250	570	5	<20	73	<.01	20	<1	<10	<1	7047
12	- 106012	14.0	.04	375	<2	55	10	5.56	21	10	44	16	>15	<.01	<10	1.88	7098	<1	<.01	10	80	6294	15	<20	44	<.01	50	<1	<1000	<1	>10000
13	- 106013	>30	.05	745	<2	70	40	.35	12	15	104	8	>15	<.01	<10	<.01	405	10	<.01	9	370	>10000	40	<20	<1	.01	10	<1	<1000	<1	>10000
14	- 106014	3.4	.11	425	<2	40	10	.73	<1	8	96	3	>15	<.01	<10	.18	783	6	<.01	8	310	1586	<5	<20	7	<.01	20	<1	<10	<1	1028
15	- 106015	4.4	.12	670	<2	45	5	1.65	23	8	64	14	>15	<.01	<10	.57	1826	3	<.01	11	1050	3300	30	<20	16	<.01	30	<1	<1000	<1	>10000
16	- 106016	5.8	.48	110	<2	85	20	1.60	5	12	34	68	>15	.18	<10	1.71	>10000	3	<.01	9	1170	1534	<5	<20	25	.04	70	<1	<10	<1	3918
17	- 106017	12.6	.04	125	<2	25	<5	12.50	54	4	12	7	6.80	<.01	<10	4.49	>10000	<1	<.01	<1	480	>10000	20	<20	76	<.01	10	<1	<1000	4	>10000
18	- 106018	5.0	.26	520	<2	55	10	2.68	7	10	91	28	>15	<.01	<10	1.27	5614	6	<.01	12	1130	2158	5	<20	22	.03	40	<1	<10	<1	6466
19	- 106019	7.4	.43	240	<2	90	30	4.17	22	14	23	25	>15	.20	<10	1.90	9839	3	<.01	10	940	4292	10	<20	44	.04	60	<1	<1000	<1	>10000
QC DATA																															
REPEAT #:																															
18	- 106018	4.8	.26	515	<2	55	10	2.54	6	8	66	27	>15	<.01	<10	1.20	5445	2	<.01	13	1010	2058	10	<20	20	.03	40	<1	<10	<1	6143
STANDARD 1991	-	1.0	1.94	50	<2	190	<5	1.86	<1	19	66	70	4.01	.37	<10	1.02	673	<1	.01	21	630	6	5	<20	58	.13	<10	80	<10	14	60

PLEASE NOTE: W detection limits are higher than normal due to massive Zn interference
NOTE: < = LESS THAN
> = GREATER THAN

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Drill Core Analyses

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JULY 31, 1992

CERTIFICATE OF ANALYSIS ETK 92-346

TECK EXPLORATION LTD.
350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON

SAMPLE IDENTIFICATION: 2 ROCK samples received JULY 23, 1992
---------- PROJECT: 1703

ET#	Description	FE (%)	PB (%)	ZN (%)
1 -	106026	13.04	.04	.18
2 -	106027	19.68	2.24	8.28

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FAX - 604-573-4557

JULY 31, 1992

TECK EXPLORATION LTD. ETK 92-346
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON
PROJECT #: 1703
2 ROCK SAMPLES RECEIVED JULY 23, 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- 106026	1.6	.29	30	<2	50	<5	1.13	2	11	167	64	13.83	.01	<10	.29	1475	12	<.01	18	940	424	<5	<20	14	<.01	20	<1	70	1	1656
2	- 106027	>30.	.28	5	<2	55	10	1.07	140	17	72	118	>15	.09	<10	.74	9274	10	<.01	5	580	>10000	<5	<20	30	.04	40	<1	4170	<1	>10000
QC DATA																															
REPEAT #:																															
1 - 106026		1.8	.30	30	<2	50	5	1.18	2	11	172	66	13.03	.01	<10	.32	1530	13	<.01	16	990	440	<5	<20	14	<.01	10	<1	40	2	1693
STANDARD 1991		1.4	2.12	60	2	140	<5	2.25	<1	25	81	82	4.87	.41	<10	1.10	812	<1	.02	26	780	18	<5	<20	70	.16	<10	96	10	17	91

NOTE: < = LESS THAN
> = GREATER THAN

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SC/TECK2

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JULY 30, 1992

CERTIFICATE OF ANALYSIS ETK 92-317

TECK EXPLORATION LTD.
350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON

SAMPLE IDENTIFICATION: 6 ROCK samples received JULY 23, 1992
---------- PROJECT: 1703

ET#	Description	AG (g/t)	AG (oz/t)	PB (%)	ZN (%)
1 -	106020	16.2	.47	1.38	3.46
2 -	106021	4.2	.12	.31	3.72
3 -	106022	7.5	.22	.63	1.44
4 -	106023	5.2	.15	.39	1.40
5 -	106024	1.7	.05	.19	.94
6 -	106025	4.8	.14	.27	.30

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JULY 30 , 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATION LTD. ETK 92-317
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON
PROJECT #: 1703
6 ROCK SAMPLES RECEIVED JULY 16, 1992

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- 106020	13.8	.12	10	<2	35	<5	3.11	48	23	101	88	5.59	.01	<10	.19	762	13	<.01	16	1230	>10000	5	<20	46	<.01	<10	<1	<10	3	>10000
2	- 106021	3.8	.09	15	<2	30	<5	2.42	56	5	95	66	5.09	<.01	<10	.69	2369	10	<.01	8	1510	2778	10	<20	40	<.01	<10	<1	<10	5	>10000
3	- 106022	7.2	.19	10	<2	85	15	8.71	16	9	17	40	>15	.08	<10	3.39	>10000	3	<.01	3	320	4438	<5	<20	79	.02	30	<1	<10	<1	>10000
4	- 106023	5.0	.08	15	<2	40	<5	>15	15	4	17	6	7.49	.03	<10	6.05	>10000	1	<.01	<1	860	2712	5	<20	125	.01	10	<1	<10	2	>10000
5	- 106024	1.6	.76	5	<2	55	10	8.79	9	10	56	15	10.41	.51	<10	2.95	>10000	4	<.01	6	1820	1498	<5	<20	108	.06	30	7	<10	8	7401
6	- 106025	4.2	.26	5	<2	50	<5	.66	6	3	136	5	2.38	.10	10	.11	702	5	<.01	4	1100	2654	<5	<20	11	<.01	<10	<1	<10	7	3309

QC DATA

REPEAT #:

3	- 106022	8.3	.21	10	<2	85	15	8.88	19	9	19	43	>15	.07	<10	3.59	>10000	3	<.01	3	360	4982	<5	<20	82	.02	30	<1	330	<1	>10000
STANDARD 1991		1.4	1.91	50	8	120	<5	1.89	<1	20	62	78	4.01	.39	<10	1.03	694	<1	.01	21	660	10	<5	<20	62	.12	<10	79	<10	14	66

NOTE: < = LESS THAN
> = GREATER THAN

SC/TECK2

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ASSAYING · ENVIRONMENTAL TESTING

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JULY 30 , 1992

CERTIFICATE OF ASSAY ETK 92-348

TECK EXPLORATION
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 19 ROCK samples received JULY 24, 1992
PROJECT: 1703
SAMPLES SUBMITTED BY GREG THOMPSON

ET#	Description	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)	Fe (%)
1-	106028	.5	.02	.02	.19	-
2-	106029	.8	.02	.04	.22	-
3-	106030	<.1	<.01	.01	.45	-
4-	106031	.6	.02	.05	.60	-
5-	106032	.6	.02	.02	.04	-
6-	106033	1.7	.05	.19	.58	-
7-	106034	.7	.02	.06	.30	-
8-	106035	2.7	.08	.23	.92	-
9-	106036	5.6	.16	.33	1.78	-
10-	106037	4.1	.12	.28	3.00	8.68
11-	106038	<.1	<.01	.03	.09	-
12-	106039	1.4	.04	.08	.08	-
13-	106040	1.2	.04	.07	.17	-
14-	106041	.4	.01	.03	.06	-
15-	106042	2.8	.08	.20	.79	-
16-	106043	.6	.02	.04	.20	-
17-	106044	2.3	.07	.11	.26	-
18-	106045	1.7	.05	.12	.25	-
19-	106046	1.4	.04	.06	.04	-

NOTE: < = LESS THAN

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JULY 31, 1992

TECK EXPLORATION LTD. ETK 92-348
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON
PROJECT #: 1703
19 ROCK SAMPLES RECEIVED JULY 24, 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- 106028	.6	.75	15	<2	45	<5	4.85	2	9	147	19	3.69	.06	10	.50	1322	7	.01	15	1290	146	<5	<20	66	<.01	<10	1	<10	10	1650
2	- 106029	1.0	.33	25	<2	30	<5	2.53	3	8	108	17	4.62	.07	10	.47	1728	9	.01	14	1520	264	<5	<20	28	<.01	<10	<1	<10	8	1980
3	- 106030	<.2	.25	15	<2	80	<5	7.08	6	4	149	4	3.09	.05	10	2.44	5778	7	<.01	4	1310	48	5	<20	64	<.01	<10	<1	<10	7	3650
4	- 106031	.4	.24	30	<2	55	<5	3.69	8	4	155	9	2.93	.04	10	1.24	3867	11	<.01	6	1540	326	<5	<20	45	.01	<10	2	<10	7	5460
5	- 106032	.6	.22	20	<2	95	<5	.81	<1	3	285	11	1.39	.05	10	.21	1015	13	<.01	5	840	178	<5	<20	19	<.01	<10	1	<10	5	376
6	- 106033	1.8	.19	35	<2	45	<5	.46	8	5	182	26	6.09	.10	<10	.23	2224	14	<.01	4	1390	1518	<5	<20	19	.04	10	2	<10	6	4924
7	- 106034	.8	.15	20	<2	20	<5	1.32	4	2	241	4	1.83	.05	<10	.46	1966	10	<.01	3	1030	488	<5	<20	32	<.01	<10	1	<10	5	2454
8	- 106035	2.8	.10	20	<2	10	<5	.51	15	2	290	6	.61	.02	10	.07	313	20	<.01	6	1070	2058	<5	<20	13	<.01	<10	2	<10	5	8791
9	- 106036	6.0	.30	115	<2	65	10	11.64	18	7	32	9	8.95	.11	<10	3.73	>10000	4	<.01	6	1700	2222	20	<20	127	.02	30	<1	<10	4	>10000
10	- 106037	4.0	.20	200	<2	65	5	9.91	37	8	29	19	12.55	.06	<10	4.01	>10000	3	<.01	5	850	1984	10	<20	118	.02	20	<1	<10	<1	>10000
11	- 106038	<.2	.04	60	<2	25	<5	12.05	<1	3	19	1	4.96	<.01	<10	4.23	>10000	1	<.01	<1	770	136	10	<20	112	<.01	10	<1	<10	2	650
12	- 106039	1.6	.07	100	<2	35	<5	11.98	<1	4	24	2	5.64	<.01	<10	4.26	>10000	1	<.01	<1	910	476	5	<20	152	<.01	10	<1	<10	2	679
13	- 106040	1.4	.04	65	<2	35	5	12.87	<1	6	13	15	7.64	<.01	<10	5.17	>10000	1	<.01	2	490	354	10	<20	130	<.01	10	<1	<10	<1	1563
14	- 106041	.6	.04	35	<2	25	5	14.56	<1	2	9	2	4.18	<.01	<10	5.88	>10000	1	<.01	<1	760	132	10	<20	187	<.01	10	<1	<10	3	456
15	- 106042	3.0	.21	40	<2	55	5	10.66	7	5	14	13	7.76	.09	<10	4.08	>10000	1	<.01	2	900	1208	10	<20	130	.01	20	<1	<10	2	6980
16	- 106043	.4	.06	35	<2	30	<5	13.15	<1	3	17	2	4.31	.01	<10	5.20	>10000	1	<.01	<1	730	228	10	<20	124	<.01	10	<1	<10	3	1560
17	- 106044	2.2	.12	390	<2	50	5	6.80	<1	12	23	12	14.41	<.01	<10	2.35	8496	2	<.01	11	1260	768	10	<20	94	.01	30	<1	<10	<1	2321
18	- 106045	1.8	.11	60	<2	40	5	11.78	1	3	24	3	4.92	.02	<10	4.07	>10000	1	<.01	<1	1000	712	10	<20	164	<.01	10	<1	<10	4	2063
19	- 106046	1.2	.14	165	<2	50	5	9.39	<1	6	26	10	8.65	<.01	<10	3.40	9838	1	<.01	7	1240	338	10	<20	141	<.01	30	<1	<10	2	326
QC DATA																															
REPEAT #:																															
10 - 106037		4.2	.18	195	<2	55	5	8.89	35	7	25	18	11.92	.05	<10	3.91	>10000	2	<.01	4	760	1954	10	<20	112	.01	20	<1	<10	<1	>10000
STANDARD 1991		1.2	1.79	55	2	125	<5	1.76	<1	19	62	77	3.77	.34	<10	.94	659	1	.01	23	640	10	5	<20	61	.12	<10	76	<10	14	66

NOTE: < = LESS THAN
> = GREATER THAN

SC/TECK2

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 31, 1992

CERTIFICATE OF ANALYSIS ETK 92-346A

TECK EXPLORATION LTD.
350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON

SAMPLE IDENTIFICATION: 2 ROCK samples received JULY 23, 1992
PROJECT: 1703

ET#	Description	AG (g/t)	AG (oz/t)
2 -	106027	30.9	.90

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 7 , 1992

CERTIFICATE OF ASSAY ETK 92-373

TECK EXPLORATION
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

SAMPLE IDENTIFICATION: 12 ROCK samples received AUGUST 5, 1992
---------- PROJECT: 1703

ET#	Description	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1-	81701	15.0	.44	.66	.42
2-	81702	3.0	.09	.08	.11
3-	81703	1.8	.05	.02	.05
4-	81704	1.2	.04	.04	.14
5-	81705	1.6	.05	.06	.12
6-	81706	2.6	.08	.19	.27
7-	81707	3.0	.09	.25	.77
8-	81708	23.2	.68	2.39	7.06
9-	106047	4.8	.14	.19	.21
10-	106048	7.6	.22	.46	.61
11-	106049	7.0	.20	.46	1.93
12-	106050	6.8	.20	.55	1.98

ECO-TECH LABORATORIES LTD.
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B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

AUGUST 7, 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATION LTD. ETK 92-373
350, 272 Victoria Street
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: FRED DALEY/GREG THOMPSON
PROJECT #: 1703
12 ROCK SAMPLES RECEIVED AUGUST 5, 1992

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- 81701	14.8	.10	140	<2	45	<5	14.40	3	4	22	166	6.63	.01	<10	5.55	>10000	2	<.01	1	910	4424	30	<20	180	<.01	20	<1	<10	2	3289
2	- 81702	2.8	2.18	<5	2	70	<5	9.62	1	13	42	29	2.38	.09	<10	.27	989	3	.08	23	530	606	5	<20	221	<.01	<10	<1	<10	7	805
3	- 81703	.8	1.37	<5	<2	40	<5	12.81	<1	10	24	17	2.39	.09	<10	.32	1000	1	.04	24	320	178	5	<20	204	<.01	<10	<1	<10	6	363
4	- 81704	1.4	.03	40	<2	20	5	>15	<1	2	11	1	5.49	<.01	<10	5.75	>10000	<1	<.01	<1	440	226	15	<20	146	<.01	20	<1	<10	1	968
5	- 81705	1.8	.03	50	<2	15	<5	>15	<1	2	16	4	4.51	<.01	<10	5.87	>10000	<1	<.01	<1	760	382	15	<20	161	<.01	10	<1	<10	3	878
6	- 81706	2.4	.03	65	<2	20	5	14.68	1	5	10	4	5.57	<.01	<10	5.58	>10000	1	<.01	<1	520	1654	15	<20	183	<.01	20	<1	<10	3	1946
7	- 81707	2.8	.05	15	<2	5	<5	5.36	9	1	63	2	1.93	.01	<10	1.88	4229	4	<.01	1	610	2136	10	<20	58	<.01	<10	<1	<10	5	6560
8	- 81708	22.8	.42	15	<2	20	10	1.04	119	13	81	90	6.20	.15	<10	.56	6023	9	<.01	14	410	>10000	<5	<20	13	.03	10	<1	<10	7	>10000
9	- 106047	4.6	.06	90	<2	20	<5	1.64	2	4	76	47	4.69	<.01	<10	.03	235	4	<.01	14	800	1516	<5	<20	23	<.01	<10	<1	<10	2	1823
10	- 106048	7.0	.09	110	<2	20	<5	1.88	9	4	82	19	3.53	<.01	<10	.09	531	4	<.01	6	930	3696	5	<20	31	<.01	<10	<1	<10	3	4848
11	- 106049	7.2	.49	40	<2	55	<5	6.53	21	5	32	10	8.49	.40	<10	2.54	>10000	<1	<.01	4	650	3120	10	<20	95	.03	20	<1	<10	2	>10000
12	- 106050	7.4	.43	40	<2	35	<5	4.22	17	6	31	15	10.51	.35	<10	2.28	>10000	2	<.01	2	780	4384	<5	<20	61	.03	30	<1	<10	<1	>10000

QC DATA

REPEAT #:

6	- 81706	2.4	.03	70	<2	20	<5	14.22	2	5	10	4	5.39	<.01	<10	5.80	>10000	1	<.01	<1	500	1188	20	<20	194	<.01	40	<1	<10	4	1930
STANDARD 1991		1.0	1.89	35	<2	100	<5	1.46	<1	15	47	74	2.99	.31	<10	.80	573	<1	.01	19	480	14	5	<20	57	.08	<10	60	<10	10	63

NOTE: < = LESS THAN
> = GREATER THAN

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1703 G.THOMSON

Type of Analysis: Assay

Certificate: 92314 A
Invoice: 30373
Date Entered: 92-08-15
File Name: TEK92314.A
Page No.: 1

PREFIX	SAMPLE NAME	oz/t Ag	% Pb	% Zn	% Fe
A	81709	0.16	0.44	1.28	16.2
A	81710	0.14	0.48	1.72	15.7
A	81711	0.22	0.66	3.42	18.1
A	81712	0.36	0.68	2.06	12.4

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1703 G.THOMSON
Type of Analysis: ICP

Certificate: 92314 A
Invoice: 30373
Date Entered: 92-08-15
File Name: TEK92314.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% S	PPM W	PPM BE
A	81709	2	14	3452	11314	5.5	4	1	15638	13.75	7	5	ND	ND	118	17	1	1	1	6.08	0.14	1	17	2.77	113	0.06	0.74	0.01	0.01	11	1
A	81710	2	5	3937	15175	5.3	1	1	15608	13.25	5	5	ND	ND	113	24	1	1	1	6.76	0.09	1	8	3.31	149	0.03	0.37	0.01	0.01	12	1
A	81711	3	7	6303	31449	7.3	3	2	11214	18.08	77	5	ND	ND	72	54	1	12	1	4.42	0.16	1	18	2.59	42	0.03	0.34	0.01	0.01	1	1
A	81712	5	3	6266	20516	12.9	13	4	8014	12.00	305	5	ND	ND	75	36	15	27	1	4.25	0.10	1	25	2.94	38	0.01	0.17	0.01	0.01	13	1

CERTIFIED BY : F. Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Assay

Certificate: 92319
Invoice: 30379
Date Entered: 92-08-19
File Name: TEK92319
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t Au	oz/t Ag	% Pb	% Zn	% Fe
	81713	0.001	0.24	0.62	2.44	12.70
	81714		0.04	0.10	0.26	
	81715	0.002	0.64	1.64	5.00	19.85
	81716		0.22	0.56	1.52	
	81717		0.36	1.02	3.66	
	81718		0.20	0.66	2.72	
	81719		0.76	1.30	6.48	
	81720		0.18	0.58	1.62	
	81721	0.002	0.52	1.28	8.36	13.50
	81722		0.12	0.28	2.16	
	81723		0.30	0.84	4.44	
	81724	0.003	0.72	1.78	8.30	21.40
	81725		0.14	0.32	1.52	
	81726		0.04	0.10	0.52	
	81727		0.14	0.46	1.74	
	81728		0.10	0.24	0.74	
	81729		0.42	1.04	4.22	
	81730		0.08	0.18	0.56	
	81731		0.04	0.08	0.22	
	81732	0.002	0.90	1.90	1.66	18.35
	81733		0.24	0.50	0.48	
	81734		0.06	0.14	0.36	
	81735		0.06	0.12	0.46	
	81736		0.10	0.14	0.76	
	81737		0.02	0.04	0.18	
	81738		0.23	0.44	0.48	
	81739		0.10	0.18	0.46	
	81740	0.001	0.06	0.10	1.60	22.90

CERTIFIED BY : R. Rossbacher

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Assay

Certificate: 92319
Invoice: 30379
Date Entered: 92-08-19
File Name: TEK92319
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t Au	oz/t Ag	% Pb	% Zn	% Fe
	81713	0.001	0.24	0.62	2.44	12.70
	81714		0.04	0.10	0.26	
	81715	0.002	0.64	1.64	5.00	19.85
	81716		0.22	0.56	1.52	
	81717		0.36	1.02	3.66	
	81718		0.20	0.66	2.72	
	81719		0.76	1.30	6.48	
	81720		0.18	0.58	1.62	
	81721	0.002	0.52	1.28	8.36	13.50
	81722		0.12	0.28	2.16	
	81723		0.30	0.84	4.44	
	81724	0.003	0.72	1.78	8.30	21.40
	81725		0.14	0.32	1.52	
	81726		0.04	0.10	0.52	
	81727		0.14	0.46	1.74	
	81728		0.10	0.24	0.74	
	81729		0.42	1.04	4.22	
	81730		0.08	0.18	0.56	
	81731		0.04	0.08	0.22	
	81732	0.002	0.90	1.90	1.66	18.35
	81733		0.24	0.50	0.48	
	81734		0.06	0.14	0.36	
	81735		0.06	0.12	0.46	
	81736		0.10	0.14	0.76	
	81737		0.02	0.04	0.18	
	81738		0.23	0.44	0.48	
	81739		0.10	0.18	0.46	
	81740	0.001	0.06	0.10	1.60	22.90

CERTIFIED BY : R. Rossbacher

ROSSBACHER LABORATORY LTD.

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2225 Springer Ave., Burnaby,
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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Assay

Certificate: 92319
Invoice: 30379
Date Entered: 92-08-19
File Name: TEK92319
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t Au	oz/t Ag	% Pb	% Zn	% Fe
	81713	0.001	0.24	0.62	2.44	12.70
	81714		0.04	0.10	0.26	
	81715	0.002	0.64	1.64	5.00	19.85
	81716		0.22	0.56	1.52	
	81717		0.36	1.02	3.66	
	81718		0.20	0.66	2.72	
	81719		0.76	1.30	6.48	
	81720		0.18	0.58	1.62	
	81721	0.002	0.52	1.28	8.36	13.50
	81722		0.12	0.28	2.16	
	81723		0.30	0.84	4.44	
	81724	0.003	0.72	1.78	8.30	21.40
	81725		0.14	0.32	1.52	
	81726		0.04	0.10	0.52	
	81727		0.14	0.46	1.74	
	81728		0.10	0.24	0.74	
	81729		0.42	1.04	4.22	
	81730		0.08	0.18	0.56	
	81731		0.04	0.08	0.22	
	81732	0.002	0.90	1.90	1.66	18.35
	81733		0.24	0.50	0.48	
	81734		0.06	0.14	0.36	
	81735		0.06	0.12	0.46	
	81736		0.10	0.14	0.76	
	81737		0.02	0.04	0.18	
	81738		0.23	0.44	0.48	
	81739		0.10	0.18	0.46	
	81740	0.001	0.06	0.10	1.60	22.90

CERTIFIED BY : R. Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: ICP

Certificate: 92319
Invoice: 30379
Date Entered: 92-08-19
File Name: TEK92319.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% S	PPM W	PPM BE
A	81713	1	34	4474	19290	7.3	3	1	11289	9.77	32	5	ND	ND	151	33	10	1	3	7.37	0.05	4	14	3.41	102	0.03	0.70	0.03	0.47	0.02	2	1
A	81714	1	2	839	2616	0.5	1	1	13256	5.65	2	5	ND	ND	180	3	1	1	1	12.48	0.06	1	13	5.72	190	0.03	0.54	0.09	0.48	0.01	1	1
A	81715	4	45	13419	47177	19.8	1	5	9515	15.01	75	5	ND	ND	87	82	24	1	2	4.03	0.05	2	17	1.94	36	0.01	0.30	0.01	0.22	0.02	3	1
A	81716	1	24	4778	13872	7.8	1	2	14668	10.68	33	5	ND	ND	168	25	10	1	2	9.42	0.05	2	16	4.11	154	0.03	0.61	0.06	0.47	0.02	2	1
A	81717	4	43	8941	34388	11.0	1	9	11804	15.19	70	5	ND	ND	104	65	16	1	3	5.37	0.03	3	18	2.82	54	0.02	0.44	0.01	0.29	0.01	2	1
A	81718	1	32	5224	23495	7.8	1	6	13679	11.46	27	5	ND	ND	127	45	10	1	4	7.90	0.05	3	18	3.65	99	0.04	0.58	0.02	0.46	0.03	2	1
A	81719	1	26	10626	53899	20.2	1	1	11956	8.25	7	5	ND	ND	141	98	7	1	1	10.01	0.08	2	11	4.72	46	0.01	0.18	0.01	0.14	0.01	1	1
A	81720	1	19	4677	14852	6.3	2	5	11573	9.58	47	5	ND	ND	135	29	9	1	4	8.85	0.05	4	16	3.98	98	0.02	0.46	0.06	0.31	0.02	1	1
A	81721	4	36	11999	78148	16.1	1	10	11276	12.49	45	5	ND	ND	110	137	20	1	3	6.89	0.08	4	20	3.19	28	0.01	0.29	0.01	0.20	0.01	1	1
A	81722	2	25	2498	20646	3.9	1	7	12283	10.70	43	5	ND	ND	127	38	9	1	2	7.80	0.05	3	22	3.83	90	0.02	0.41	0.03	0.32	0.02	2	1
A	81723	2	38	6634	38289	10.4	1	6	11618	11.01	33	5	ND	ND	102	69	18	1	4	6.39	0.05	2	20	3.25	67	0.02	0.40	0.01	0.35	0.02	2	1
A	81724	6	96	15813	63046	23.2	1	13	7711	18.30	47	5	ND	ND	61	121	38	1	4	3.02	0.07	2	29	1.59	26	0.01	0.35	0.01	0.24	0.01	3	1
A	81725	1	33	3160	15570	4.2	6	5	9650	7.40	35	5	ND	ND	134	23	17	14	6	6.58	0.05	6	36	2.56	155	0.04	0.93	0.05	0.57	0.01	2	1
A	81726	1	1	947	5116	0.7	1	1	15488	6.10	2	5	ND	ND	131	6	1	1	1	13.96	0.06	1	13	5.65	56	0.01	0.17	0.09	0.11	0.01	1	1
A	81727	2	36	3784	15637	4.0	2	9	12303	12.90	43	5	ND	ND	94	30	22	3	2	7.69	0.03	3	32	2.80	65	0.01	0.32	0.04	0.13	0.02	1	1
A	81728	1	7	2392	7836	3.6	1	1	12847	6.48	2	5	ND	ND	203	12	1	1	1	15.94	0.06	2	26	4.82	36	0.01	0.12	0.09	0.05	0.01	1	1
A	81729	5	31	8517	37891	13.8	30	23	4376	17.75	448	5	ND	ND	53	45	39	12	1	3.90	0.05	4	48	1.65	11	0.01	0.05	0.01	0.02	0.01	2	1
A	81730	1	6	1855	5714	2.0	2	1	13026	6.97	31	5	ND	ND	140	9	1	8	1	13.66	0.06	4	17	5.85	40	0.01	0.07	0.10	0.05	0.01	1	1
A	81731	1	1	863	2371	1.3	1	1	12846	5.35	8	5	ND	ND	155	3	1	4	1	15.19	0.09	4	20	6.85	30	0.01	0.04	0.12	0.02	0.01	1	1
A	81732	6	29	17009	16010	28.1	27	22	5988	18.84	806	5	ND	ND	62	34	59	33	1	4.66	0.04	5	38	2.49	21	0.01	0.05	0.05	0.01	0.01	1	1
A	81733	1	19	4338	4805	7.4	4	2	12930	9.45	175	5	ND	ND	120	9	6	1	1	11.58	0.05	1	19	5.33	18	0.01	0.02	0.08	0.01	0.01	2	1
A	81734	1	11	1388	3600	1.6	3	1	13860	7.82	96	5	ND	ND	128	6	1	1	1	14.27	0.11	1	19	6.20	17	0.01	0.01	0.10	0.01	0.01	1	1
A	81735	1	4	1158	4576	1.5	2	1	11945	6.09	66	5	ND	ND	98	5	1	1	1	13.46	0.06	1	18	5.70	33	0.01	0.06	0.09	0.03	0.01	1	1
A	81736	1	21	1186	6993	3.4	5	3	14776	7.43	35	5	ND	ND	110	10	13	1	6	9.44	0.05	2	23	4.52	246	0.05	0.54	0.07	0.56	0.01	1	1
A	81737	1	3	325	1770	0.6	1	1	13607	5.69	24	5	ND	ND	106	2	1	1	1	14.60	0.06	1	12	6.16	42	0.01	0.08	0.10	0.04	0.01	1	1
A	81738	1	2	3809	4604	8.6	1	1	12486	4.98	22	5	ND	ND	119	7	1	1	1	15.25	0.06	1	12	6.54	20	0.01	0.02	0.09	0.01	0.01	1	1
A	81739	1	50	1676	4371	3.6	7	4	12872	8.62	59	5	ND	ND	123	10	1	1	1	13.22	0.08	1	20	5.83	14	0.01	0.02	0.09	0.01	0.01	1	1
A	81740	8	48	878	14995	1.1	17	28	4246	20.63	1431	5	ND	ND	47	38	45	24	1	3.28	0.09	3	66	1.70	15	0.01	0.05	0.01	0.01	0.01	1	1

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Assay

Certificate: 92333
Invoice: 30410
Date Entered: 92-08-25
File Name: TEK92333
Page No.: 1

PREFIX	SAMPLE NAME	oz/t Au	oz/t Ag	% Pb	% Zn	% Fe
A	81743	0.32	0.83	3.07	11.70	
A	81744	0.18	0.30	0.29		

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: ICP

Certificate: 92333 I
Invoice: 30410
Date Entered: 92-08-30
File Name: TEK92333.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE
A	81743	1	34	8266	28688	12.2	2	3	14814	12.97	17	5	ND	ND	141	58	9	7	9	7.08	0.15	4	16	3.37	107	0.03	0.85	0.01	0.09	0.01	1	2
A	81744	1	27	2961	2854	6.0	3	1	13594	7.51	7	5	ND	ND	180	5	8	5	3	13.38	0.05	1	37	6.59	87	0.02	0.20	0.04	0.12	0.01	1	2

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2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Assay

Certificate: 92341
Invoice: 30418
Date Entered: 92-09-02
File Name: TEK92341.A
Page No.: 1

RE FIX	SAMPLE NAME	oz/t Au	oz/t Ag	% Pb	% Zn	% Fe
	18501		0.22	0.36	0.76	
A	18502		0.32	0.50	3.04	
A	18503		0.23	0.32	2.26	
	18504	0.001	0.16	0.22	1.80	13.10
	18505		0.15	0.21	0.36	8.92
A	18506		0.17	0.34	0.88	
	18507		0.26	0.90	1.10	
	18508		0.13	0.44	0.86	
A	18509		0.04	0.04	0.10	
	18510		0.09	0.18	0.46	
	18511		0.17	0.14	0.18	
A	18512		0.08	0.04	0.14	
A	18513		0.40	0.32	6.10	23.36
	18514		0.07	0.08	0.24	
	18515		0.04	0.04	0.04	
A	18516		0.05	0.06	0.14	
	18517		0.03	0.04	0.06	
	18518		0.04	0.02	0.14	
A	18519		0.03	0.04	0.22	
A	18520		0.38	0.38	1.50	
	18521		0.09	0.10	0.62	
A	18522		0.10	0.28	1.88	
A	18523		0.06	0.14	0.32	
	18524		0.04	0.04	1.00	
	18525		0.15	0.10	0.18	
A	18526		0.22	0.42	0.96	19.90
	18527		0.07	0.08	0.46	
	18531		0.07	0.02	0.60	13.26

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723

Type of Analysis: Assay

Certificate: 92384 A
Invoice: 30460
Date Entered: 92-09-26
File Name: TEK92384.A
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t Ag	g/t Ag	% Pb	% Zn	% Fe
A	18533	0.20	6.86	0.52	1.86	
A	18545	0.20	6.86	0.36	1.42	
A	18549	0.16	5.49	0.22	1.90	
A	18550	0.04	1.37	0.08	0.58	
A	18551	0.10	3.43	0.16	1.76	26.8
A	18552	0.12	4.12	0.24	0.40	
A	18553	0.10	3.43	0.22	0.72	23.3
A	18554	0.06	2.06	0.12	0.16	16.4
A	18555	0.04	1.37	0.08	0.50	
A	18556	0.06	2.06	0.20	0.82	
A	18557	0.03	1.03	0.16	0.90	
A	18558	0.12	4.12	0.18	0.56	
A	18559	0.16	5.49	0.26	1.04	38.4
A	18560	0.14	4.80	0.18	0.62	25.2
A	18561	0.18	6.17	0.20	0.46	
A	18562	0.14	4.80	0.18	1.56	
A	18563	0.01	0.34	0.04	0.25	
A	18564	0.12	4.12	0.20	1.06	
A	18565	0.04	1.37	0.06	0.22	
A	18566	0.12	4.12	0.20	0.46	
A	18567	0.04	1.37	0.04	0.04	
A	18568	0.04	1.37	0.04	0.50	29.6
A	18569	0.06	2.06	0.10	0.42	
A	18570	0.01	0.34	0.02	0.04	
A	18571	0.32	10.98	1.34	5.10	27.9
A	18572	0.04	1.37	0.14	0.90	
A	18573	0.08	2.74	0.10	2.26	20.3
A	18574	0.06	2.06	0.06	0.30	
A	18575	0.02	0.69	0.02	0.16	
A	18576	0.06	2.06	0.10	0.54	15.1
A	18577	0.12	4.12	0.38	2.48	
A	18578	0.08	2.74	0.22	0.74	
A	18579	0.08	2.74	0.14	2.22	32.4
A	18580	0.02	0.69	0.01	0.34	

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: ICP

Certificate: 92384 A
Invoice: 30460
Date Entered: 92-09-26
File Name: TEK92384.I
Page No.: 1

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% S	PPM W	PPM BE
A	18532	1	5	23	10	0.2	6	1	814	0.59	108	5	ND	ND	19	1	3	5	2	1.21	0.08	15	48	0.42	70	0.01	0.26	0.01	0.16	0.05	10	1
A	18533	1	27	4579	17030	6.7	13	1	8781	7.78	49	5	ND	ND	96	42	10	1	10	4.55	0.23	7	22	1.98	157	0.04	1.06	0.01	0.54	0.06	9	1
A	18535	1	33	802	1564	1.3	7	1	15450	7.60	2	5	ND	ND	150	7	1	1	3	14.61	0.08	5	10	6.56	57	0.01	0.18	0.02	0.01	0.01	1	2
A	18536	1	32	84	161	0.3	23	7	2749	2.43	234	5	ND	ND	31	1	2	7	4	2.74	0.15	9	35	1.10	71	0.01	0.47	0.01	0.34	0.04	9	1
A	18537	1	45	17	47	0.2	39	10	601	2.92	43	5	ND	ND	12	1	1	1	14	0.87	0.08	13	45	0.86	109	0.12	1.46	0.02	1.18	0.04	5	1
A	18545	11	75	3280	14199	7.2	49	5	1852	11.52	22	5	ND	5	15	29	8	1	2	1.07	0.07	7	54	0.39	70	0.01	0.40	0.01	0.12	0.03	1	1
A	18546	1	10	64	293	0.2	6	1	3336	2.30	22	5	ND	ND	92	3	6	1	3	4.03	0.06	3	32	1.64	120	0.02	0.60	0.01	0.35	0.04	8	1
A	18547	1	4	43	74	0.1	2	1	2919	1.19	28	5	ND	ND	70	1	1	1	1	2.47	0.05	11	43	0.90	90	0.01	0.27	0.01	0.16	0.04	6	1
A	18548	1	10	63	87	0.3	5	1	5714	2.18	37	5	ND	ND	119	1	2	1	2	4.37	0.06	7	30	1.47	101	0.01	0.30	0.01	0.17	0.04	9	1
A	18549	2	14	1557	16030	5.3	16	17	7370	8.92	173	5	ND	ND	125	27	4	1	7	3.83	0.24	4	21	1.46	131	0.04	0.69	0.01	0.64	0.04	5	1
A	18550	1	16	713	6009	1.9	19	7	8374	5.73	63	5	ND	ND	179	12	1	1	13	6.14	0.38	7	22	2.04	405	0.08	1.32	0.01	1.15	0.03	1	1
A	18551	3	18	1371	17670	5.0	15	17	5677	20.33	429	5	ND	9	73	46	9	13	13	2.22	0.26	5	64	1.15	189	0.09	0.94	0.01	0.88	0.09	8	1
A	18552	1	23	2072	4229	4.1	11	3	19490	12.11	123	5	ND	ND	146	16	1	1	5	10.19	0.09	5	16	4.39	251	0.04	0.55	0.02	0.41	0.04	1	2
A	18553	1	22	1930	6527	3.3	7	2	19940	12.75	93	5	ND	ND	119	21	1	1	4	6.57	0.08	4	18	3.39	255	0.04	0.52	0.01	0.52	0.04	1	2
A	18554	1	33	1135	1626	2.1	8	1	28790	12.56	27	5	ND	ND	182	11	1	1	5	12.77	0.07	7	11	5.14	192	0.02	0.38	0.04	0.23	0.02	1	2
A	18555	1	29	728	4742	2.4	7	1	23340	15.57	133	5	ND	ND	188	20	1	7	6	8.69	0.08	5	22	3.74	213	0.02	0.44	0.02	0.30	0.03	1	2
A	18556	1	22	1578	7395	3.0	7	3	19100	13.23	109	5	ND	ND	129	24	1	4	5	10.56	0.16	4	18	4.60	171	0.02	0.31	0.01	0.19	0.02	1	2
A	18557	1	15	1422	9088	1.7	5	2	19870	14.48	240	5	ND	ND	170	27	1	5	4	10.65	0.21	4	21	4.78	156	0.02	0.28	0.01	0.16	0.01	1	2
A	18558	1	16	1595	5526	3.9	7	1	16050	10.61	189	5	ND	ND	140	16	1	1	8	13.15	0.23	5	14	5.49	241	0.03	0.52	0.02	0.39	0.03	1	2
A	18559	8	5	2507	10990	6.0	12	31	7652	27.54	929	5	ND	13	79	56	14	50	4	3.36	0.10	4	56	1.41	122	0.02	0.25	0.01	0.16	0.02	15	1
A	18560	2	30	1870	6735	5.2	12	7	21930	18.87	175	5	ND	ND	168	30	5	17	7	7.81	0.20	5	34	3.49	184	0.02	0.26	0.02	0.14	0.02	1	2
A	18561	1	37	1865	4638	5.6	10	1	25900	15.28	38	5	ND	ND	178	21	1	5	4	10.47	0.10	6	16	4.47	152	0.02	0.28	0.03	0.14	0.01	1	2
A	18562	3	22	1758	15280	4.4	9	7	19750	18.57	217	5	ND	ND	159	48	6	21	9	7.62	0.19	5	34	3.80	196	0.04	0.51	0.01	0.42	0.02	6	2
A	18563	1	18	387	1862	1.0	9	1	15810	7.40	45	5	ND	ND	160	6	1	1	7	13.27	0.16	4	8	5.55	204	0.03	0.51	0.02	0.44	0.02	1	2
A	18564	1	15	1930	10210	4.4	12	7	12850	14.58	316	5	ND	ND	114	26	7	11	10	7.51	0.16	4	27	3.37	192	0.05	0.56	0.01	0.44	0.03	1	2
A	18565	1	18	691	2297	2.7	5	2	14670	10.47	186	5	ND	ND	181	10	1	1	3	12.78	0.15	5	11	5.66	81	0.01	0.17	0.02	0.02	0.01	1	2
A	18566	3	41	1695	4435	4.3	15	10	17940	18.85	324	5	ND	ND	101	25	7	23	6	5.73	0.15	5	38	2.79	162	0.02	0.26	0.02	0.15	0.02	3	2
A	18567	1	13	543	348	1.5	10	8	11930	16.22	532	5	ND	ND	121	13	1	12	3	8.15	0.16	4	24	4.87	84	0.01	0.14	0.02	0.01	0.01	2	1
A	18568	4	13	470	4986	1.4	21	22	5091	22.54	1331	5	ND	10	64	33	11	37	3	3.30	0.23	4	58	1.46	105	0.01	0.15	0.01	0.03	0.02	4	1
A	18569	2	13	939	4020	2.7	15	8	5604	14.78	471	5	ND	ND	86	14	7	14	8	5.13	0.26	4	30	2.87	136	0.02	0.47	0.01	0.32	0.04	3	1
A	18570	1	20	326	545	0.6	7	1	12220	5.73	2	5	ND	ND	167	2	1	1	3	15.62	0.10	5	5	7.45	52	0.01	0.14	0.02	0.01	0.01	1	2
A	18571	5	27	11985	48020	9.4	10	14	7298	19.30	57	5	ND	7	59	120	21	24	7	3.33	0.22	3	42	2.05	142	0.03	0.36	0.01	0.28	0.02	2	1
A	18572	1	20	966	6789	0.9	5	5	12470	11.03	39	5	ND	ND	109	18	1	7	6	7.22	0.19	4	14	3.45	141	0.02	0.34	0.01	0.34	0.02	1	1

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: ICP

Certificate: 92384 A
Invoice: 30460
Date Entered: 92-09-26
File Name: TEK92384.I
Page No.: 2

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% S	PPM W	PPM BE
A	18573	1	30	941	20850	2.5	6	4	16260	15.34	26	5	ND	ND	139	55	2	13	4	9.53	0.14	5	18	4.20	92	0.01	0.26	0.01	0.05	0.02	1	2
A	18574	1	23	572	3349	4.7	5	2	14760	9.66	2	5	ND	ND	146	12	1	5	4	13.89	0.11	4	8	6.10	85	0.01	0.27	0.02	0.07	0.01	1	2
A	18575	1	20	331	1327	0.6	4	1	14290	7.30	13	5	ND	ND	139	6	1	1	5	15.02	0.16	6	8	6.64	87	0.01	0.26	0.03	0.09	0.01	1	2
A	18576	1	20	894	5525	1.5	10	6	14660	11.48	75	5	ND	ND	109	13	3	14	17	7.30	0.25	6	24	3.48	302	0.07	0.82	0.01	0.76	0.04	1	2
A	18577	3	27	2943	22530	4.0	7	10	16130	18.63	250	5	ND	6	94	60	16	24	4	4.03	0.10	4	29	2.15	149	0.01	0.15	0.01	0.03	0.02	6	1
A	18578	1	24	1982	7053	3.9	4	2	14950	7.38	47	5	ND	ND	178	18	1	1	4	15.01	0.17	6	6	6.69	67	0.01	0.16	0.01	0.01	0.01	1	2
A	18579	6	4	1430	22220	3.1	12	25	5702	24.52	920	5	ND	13	62	67	22	51	3	3.94	0.10	4	54	2.38	85	0.01	0.06	0.01	0.01	0.01	17	1
A	18580	1	19	150	1120	0.2	3	1	13380	5.88	23	5	ND	ND	167	5	1	1	4	15.37	0.09	7	5	7.36	58	0.01	0.15	0.03	0.02	0.01	1	2
A	18581	1	19	198	2072	0.4	4	1	12300	5.35	2	5	ND	ND	162	6	1	1	4	15.11	0.08	5	6	7.24	59	0.01	0.18	0.02	0.04	0.01	1	2
A	18582	1	11	49	66	0.1	15	4	2275	1.21	26	5	ND	ND	48	1	4	5	3	2.68	0.24	12	22	0.89	50	0.01	0.25	0.01	0.18	0.03	6	1
A	18583	1	10	278	2392	0.1	10	3	1864	1.31	13	5	ND	ND	27	5	2	2	4	1.66	0.07	8	37	0.52	59	0.03	0.39	0.01	0.33	0.03	4	1
A	18584	1	7	167	330	0.2	15	6	1430	1.33	19	5	ND	ND	22	1	4	2	6	1.55	0.10	10	54	0.40	76	0.05	0.51	0.01	0.43	0.03	4	1
A	18601	1	31	31	103	0.1	29	9	356	2.54	2	5	ND	ND	403	1	1	3	20	11.32	0.05	6	45	1.72	89	0.05	4.42	0.39	0.56	0.03	1	2
A	18602	1	30	11	79	0.1	28	7	521	2.60	2	5	ND	ND	370	1	1	1	16	14.76	0.04	9	34	1.69	101	0.03	3.14	0.16	0.47	0.02	1	2
A	18603	1	18	30	68	0.1	27	6	700	2.56	2	5	ND	ND	263	1	1	1	10	14.05	0.03	16	24	1.65	99	0.01	2.33	0.07	0.10	0.02	1	2
A	18604	1	19	19	57	0.1	30	9	1550	2.47	2	5	ND	ND	294	1	1	1	7	15.95	0.05	16	29	0.99	104	0.01	1.73	0.03	0.09	0.02	1	1
A	18605	1	7	306	2061	0.6	8	4	692	1.79	11	5	ND	ND	34	4	2	1	3	1.28	0.22	19	42	0.18	105	0.01	0.40	0.01	0.14	0.04	7	1
A	18606	1	6	408	270	0.6	8	4	898	1.25	13	5	ND	ND	28	1	2	1	3	0.82	0.13	27	50	0.24	101	0.01	0.47	0.01	0.16	0.04	3	1
A	18607	1	11	341	395	0.7	10	3	1515	2.10	15	5	ND	ND	30	1	1	1	4	0.84	0.17	19	64	0.26	89	0.01	0.35	0.01	0.15	0.03	4	1
A	18608	4	12	176	132	0.4	4	1	2731	3.54	38	5	ND	ND	32	1	2	4	2	2.12	0.13	8	54	0.93	53	0.01	0.16	0.01	0.02	0.03	8	1
A	18609	1	8	528	797	0.6	4	1	828	1.52	20	5	ND	ND	11	2	1	1	2	0.33	0.15	10	69	0.16	49	0.01	0.17	0.01	0.11	0.04	1	1
A	18610	1	9	413	1808	0.5	3	1	3545	2.02	78	5	ND	ND	57	4	2	1	2	3.09	0.12	15	45	1.49	47	0.01	0.21	0.01	0.12	0.03	4	1
A	18611	1	7	311	1265	0.4	3	2	897	1.16	19	5	ND	ND	16	3	5	1	2	0.65	0.12	15	66	0.26	38	0.01	0.24	0.01	0.17	0.03	2	1
A	18612	1	8	201	421	0.3	4	2	1849	0.99	23	5	ND	ND	45	2	4	5	2	1.85	0.13	21	56	0.77	33	0.01	0.20	0.01	0.12	0.03	6	1
A	18613	1	21	151	2022	0.2	3	1	12120	5.10	2	5	ND	ND	185	5	1	1	3	15.72	0.09	6	8	7.71	48	0.01	0.15	0.02	0.01	0.01	1	2
A	18614	1	12	49	143	0.1	14	6	3127	1.74	20	5	ND	ND	59	2	6	10	3	4.10	0.26	15	45	1.71	56	0.01	0.31	0.01	0.18	0.02	10	1
A	18615	1	25	21	40	0.1	20	10	1753	1.91	29	5	ND	ND	35	1	3	13	10	2.60	0.18	14	40	1.19	65	0.04	0.80	0.01	0.51	0.02	9	1
A	18616	1	7	13	32	0.1	19	6	272	1.49	14	5	ND	ND	10	1	1	1	8	0.31	0.01	14	106	0.41	35	0.04	0.78	0.01	0.37	0.03	1	1
A	18617	1	34	11	91	0.1	45	15	153	3.58	6	5	ND	ND	7	1	1	1	22	0.16	0.05	25	56	1.08	77	0.17	2.14	0.02	1.55	0.03	1	1

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Geochemical

Certificate: 92384 G
Invoice: 30476
Date Entered: 92-10-04
File Name: TEK92384.G
Page No.: 1

PRE FIX	SAMPLE NAME	ppm Ge
P	18559	0.1
P	18571	0.1
P	18579	0.1
P		

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Geochemical

Certificate: 92384 Y
Invoice: 30483
Date Entered: 92-10-14
File Name: TEK92384.Y
Page No.: 1

PRE FIX	SAMPLE NAME	PPM Y
P	18605	19
P	18610	15
P	18612	13

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1723
Type of Analysis: Assay

Certificate: 92384 Zr
Invoice: 40022
Date Entered: 92-11-03
File Name: TEK92384.ZR
Page No.: 1

PRE FIX	SAMPLE NAME	% ZrO2
P	18605	0.070
P	18610	0.065
P	18612	0.075

CERTIFIED BY : J. Rossbach

APPENDIX D

Analytical Procedures

ECO-TECH LABORATORIES LT
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 57

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

3. Humus/Vegetation: The dry sample is ashed at 550 C. for 5 hours.

METHODS OF ANALYSIS

All methods have either canmet certified or in-house standards carri through entire procedure to ensure validity of results.

1. MULTI ELEMENT ANALYSES

(a) ICP Packages (6,12,30 element).

Digestion	Finish
Hot Aqua Regin	ICP

(b) ICP - Total Digestion (24 element).

Digestion	Finish
Hot HClO4/HNO3/HF	ICP

(c) Atomic Absorption (Acid Soluble)
Ag*, Cd*, Cr, Co*, Cu, Fe, Pb*, Mn, Mo, Ni*, Zn.

Digestion	Finish
Hot Aqua Regia	Atomic Absorption * = Background corrected

(d) Whole Rock Analyses.

Digestion	Finish
Lithium Metaborate fusion	ICP

ECO-TECH LABORATORIES L
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-6700 Fa

2. Antimony

Digestion	Finish
Hot aqua regia	ICP

3. Arsenic

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

4. Barium

Digestion	Finish
Lithium Metaborate	ICP

5. Beryllium

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. Bismuth

Digestion	Finish
Hot aqua regia	Atomic Absorption (Background Corrected)

7. Chromium

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. Flourine

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

ECO-TECH LABORATORIES L
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fa

9. Gallium

Digestion	Finish
Hot HClO4/HNO3/HF	Atomic Absorption

10. Germanium

Digestion	Finish
Hot HClO4/HNO3/HF	Atomic Absorption

11. Mercury

Digestion	Finish
Hot aqua regia	Cold vapor generation - A.A.S.

12. Phosphorus

Digestion	Finish
Lithium Metaborate Fusion	ICP finish

13. Selenium

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

14. Tellurium

Digestion	Finish
Hot aqua regia Potassium Bisulphate Fusion	Hydride generation - A.A.S. Colorimetric or I.C.P.

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

GEOCHEMICAL LABORATORY METHODS

Multi Element ICP Analyses

Digestion: 1 gram sample is digested with 6 ml dilute aqua regia in a waterbath at 90°C for 90 minutes and diluted to 20 ml.

Analysis: Inductively coupled Plasma.

Jan. 1990.

GEOCHEMICAL ANALYTICAL METHODS CURRENTLY IN USE AT ROSSBACHER LABORATORY LTD.

A. SAMPLE PREPARATION

1. **Geochem. Soil and Silt:**
   Samples are dried and sifted to minus 80 Mesh, through stainless steel or nylon screens.

2. **Geochem. Rock:**
   Samples are dried, crushed to minus $^1/_4$ inch, split, and pulverized to minus 100 mesh.

B. METHODS OF ANALYSIS

1. **Multi element: (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, Cd, As):**
   0.50 Gram sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acid. The resulting extract is analyzed by Atomic Absorbtion spectroscopy, using Background Correction where appropriate.

2. **Antimony:**
   0.50 Gram sample is fused with Ammonium Iodide and dissolved. The resulting solution is extracted into TOPO/MIBK and analyzed by Atomic Absorbtion spectroscopy.

3. **Arsenic: (Generation Method)**
   0.25 Gram sample is digested with Nitric-Perchloric acid. Arsenic from the solution is converted to arsine, which in turn reacts with silver D.D.C. The resulting solution is analyzed by colorimetry.

4. **Barium:**
   0.20 Gram sample is repeatedly digested with $HClO_4$-HNO_3 and HF. The solution is analyzed by atomic absorbtion spectroscopy.

5. **Biogeochemical:**
   Samples are dried and ashed at 550°C. The resulting ash analyzed as in *1, Multielement Analysis.

6. **Bismuth:**
   0.50 Gram sample is digested with Nitric acid. The The solution is analysed by Atomic absorbtion spectroscopy.

METHODS OF ANALYSIS (CONT'D)

7. **Chromium:**

0.25 Gram sample is fused with Sodium Peroxide. The solution is analyzed by atomic absorbtion spectroscopy.

8. **Fluorine:**

0.50 Gram sample is fused with Carbonate Flux, and dissolved. The solution is analysed for Fluorine by use of an Ion Selective Electrode.

9. **Gold AR/AAS:**

10.0 Gram sample is roasted at 550°C and dissolved in Aqua Regia. The resulting solution is subjected to a MIBK extraction, and the extract is analzed for Gold using Atomic Absorbtion spectroscopy.

9A **Gold FA:**

10.0 Gram sample is fused with appropriate fluxes, and the resulting lead button is cupelled to produce a gold/silver bead. The bead is dissolved in Aqua Regia and analyzed for gold by AAS.

10. **Mercury:**

1.00 Gram sample is digested with Nitric and Sulfuric acids. The solution if analyzed by Atomic Absorbtion spectroscopy, using a cold vapor generation technique.

11. **Partial Extraction and Fe/Mn oxides:**

0.50 Gram sample is extracted using one of the following: hot or cold 0.5 N. HCl, 2.5% E.D.T.A., Ammonium citrate, or other selected organic acids. The solution is analyzed by use of Atomic Absorbtion spectroscopy.

12. **pH:**

An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.

13. **Rapid Silicate Analysis:**

0.10 Gram sample is fused with Lithium Metaborate, and dissolved in HNO_3. The solution is analyzed by Atomic Absorbtion for SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2, TiO_2, P_2O_5, and MnO.

14. **Tin:**

0.50 Gram sample is sublimated by fusion with Ammonium Iodide, and dissolved. The resulting solution is extracted into TOPO/MIBK and analysed by atomic absorbtion spectroscopy.

15. **Tungsten:**

1.00 Gram sample is sintered with a carbonate flux, and dissolved. The resulting extract is analyzed colorimetrically, after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

16. **ICP :**

0.5 Gram sample is digested with Aqua Regia, and analyzed using a JOBIN YVON MODEL JY 32 1987 ICP Emission Spectrophotometer for Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, La, Mg, Mo, Mn, Ni, P, Pb, Sb, Si, Sr, Ti, U, V, W, Zn.

APPENDIX E

Drill Hole Logs

TECK EXPLORATION LTD.

BEND PROPERTY **PROJECT #1723** **HOLE NO. TK-92-01**

NTS:	**83D/1E**	**DATE COLLARED:**	**8/07/92**	**DEPTH**	**DIP**	**AZ**	**LENGTH: 392.9 m.**
CLAIM:	**BEND 1**	**DATE COMPLETED:**	**15/07/92**	**0**	**-60°**	**35°**	**DEPTH OF OVB: 10.7 m.**
ELEVATION:	**1007m**	**DATE LOGGED:**	**15/09/92**	**135.9**	**-60**		**CASING REMAINING: 10.7m**
GRID COORD:	**2+00N, 3+75W**	**CORE SIZE:**	**NQ**	**239.88**	**-56**		**WATERLINE LENGTH: 2.83 km.**
LOGGED BY:	**G.T.**			**392.89**	**-53**		**PROBLEMS: hard ground**

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
0 -10.67	Overburden													
10.67-32.2	Grey, f.g.(micritic) limestone; mod. fol., minor biotite, occasional elongate clasts to 1.5 cm.; mod. broken to 20.42m.; < 5% pelitic content.	Fol. @ 50°												
32.2-34.19	Med-dk grey f.g calcareous pelitic schist; occasional dark cordierite porhyroblasts to 2.0 cm., 50% pelitic content; minor 1-2cm grey limestone interbeds	Fol. @ 50°												
34.19-47.7	Light- med. grey limestone; thinly bedded @ 1mm-1cm; weakly biotiferous, increased pelitics @ 35.4-37.95 and 44.67-47.7 with dark carbonaceous ? bands @ 45.47-45.76 and 1.5 cm @ 47.55m.	Fol. @ 70°												
47.7-48.75	Dark f.g. calcareous schist w. several bands of grey banded micritic limestone (<5 cm.)													
48.75-79.21	Grey, f.g., thin bedded (<1cm) limestone; occasional white limestone bands (1-5cm) producing marble texture @ 60.05-63.09, 62.6-62.7; minor pelitics (<5%)	Fol. @ 50°												
79.21-97.18	Banded white/dark micritic limestone; dark bands @ hairline-3 mm, light bands @ 0.5 cm - 1.0 cm. (zebra texture); fol. @ 70°	Fol.@ 70°												
97.18-107.6	Garnet-phlogopite-cordierite schist. -pink sub - euhedral garnets to 2.0 cm.(20%), cordierite porphyroblasts, dark, ovate to 1.0 cm. (15%)	Fol.@ 40°												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
107.6-127.54	Garnet-phlogopite-cordierite schist. -dark grey groundmass, sub-euhedral garnets to 2.5 cm. (25%); broken surfaces with talc± chlorite coatings @ 108.44-108.68, 111.86-112.11, 110.33-110.86, 117.0-117.45, 118.95-119.35, 119.8-120.09; py. trc. @ 116.5; wk.-mod. calcareous @ 123.0-127.54	Fol. @ 40° (indistinct)												
127.54-127.8	White, glassy chert band, minor accessory chlorite, broken, contacts irregular.	Cont's @ 70°												
127.8-148.13	Med.-lt. grey, mod. banded limestone, occas. qtz-carb bands (1-5cm); mod. increase of closer spaced qtz-carb bands (0.5-1.0cm) @55°@ 145.2-148.13m.; 3 cm. calcite fract. fill @ 146.1 m.; 1.5 cm. calcite veinlet sub-parallel to C.A. @ 146.64-146.89m.; 3.5 cm. cordierite rich band @ 147.6 m.	Fol. @ 55°												
148.13-150.46	Med-greenish grey garnet mica schist; wk-mod. calcareous; pale pink garnets, sub-euhedral also stretched 0.5-2.0 cm., occasional qtz-carb bands 0.5-5.0 cm.;groundmass contains 1-3mm dolomite porhyroblasts	Fol. @ 55°												
150.46-150.57	White quartz/chert band w. minor accessory chlorite, calcite, muscovite													
150.57-157.8	Med-dk. grey garnet- mica schist; wk-mod. calcareous, dk. micaceous groundmass w.1-2mm dolomite porphyroblasts, 10 % ragged, pink subhedral garnets to 1.0 cm., several qtz-carb bands 0.5-5.0 cm, sharp lower contact @70 °	Fol. @ 50°												
157.8-186.94	Med-lt grey f.g. limestone, wk-mod. banded, occasional dk pelitic interbeds @ 160.6-166.0m; interbedded biotite schist bands (10-20 cm.) @ 179.15-180.66m; interbedded quartz-carb bands (1-10cm) throughout.	Fol. @50-60°												
186.94-188.15	Dark, med grain micaceous schist; phlogopite,chlorite groundmasss; 20% grey micritic limestone interbeds and qtz-carb bands.,overprint of 1-3mm dolomite porphyroblasts (subhedral)													
188.15-194.02	Dark grey, f.g.-m.g cordierite schist; mod. calcareous, quartz-carb. vnlts locally cross-cutting fol., occasionally producing wk. vn. breccia text.; occasional qtz-carb bands 1.0-5.0 cm.; cordierite porphyroblasts elongate to 1.0 cm.- pervasive													

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
194.02-199.0	Grey, banded micritic limestone	Fol. @ 60°												
199.0-201.02	as @ 188.15-194.02													
201.02-206.48	as @ 194.02-199.0 w. broken, white cherty qtz @ 203.5-204.1 m.													
206.48-215.05	as @ 188.15-194.02 w. limestone interbeds @ 208.7-209.05, 208.32- 209.7, 211.45-212.0													
215.05-228.12	Predom. grey micritic limestone as @ 194.02 -199.0m, 221.14-222.52 white, cherty band w. grey limestone interbeds; 223.42-224.4 mixed cordierite schist and white chert bands; 225.9-226.8 mixed limestone / cordierite schist bands													
228.12-248.55	F.g., med-dk grey calcareous cordierite schist; pervasive, sporadic cordierite zones, mottled, localized chloritic rims on cordierite porphyroblasts; mod. broken, mod. calcareous; fract. subparallel to C.A. @ 232.1-232.65m. w. trc. py.; sporadic qtz-carb. bands (1-5cm) @ 239.68-240.15 m.; interbedded grey limestone bands w. minor cordierite/phlogopite-chlorite bands @ 239.68-240.15 m.; gou	Fol. @ 60-70°												
248.55-264.04	Dark-med grey garnet-cordierite-phlogopite (chlorite) schist: weakly calcareous; downsection lightening with associated decrease in chlorite and cordierite; garnets subhedral, brownish-pink (5-10%) @1-3cm; cordierite in diffuse irregular patches; 5% qtz-carb bands to 10.0 cm.; broken w. carb.-chlor. fract. coatings @ 249.0-250.4 m.: fract subparallel to C.A. @ 250.5-251.0m	Fol. @ 70%												
264.04-285.25	Med. grey banded, mottled limestone; numerous (20-30%) qtz-carb bands, white(1-2cm); glassy, wht qtz @ 271.86-272.3; dk. pelitic band @ 272.36-273.1 (calc. phlogopite schist); phlogopite schist @ 279.43- 280.3 w.3% py. laminations; fold axis @ 265.7m.													

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
285.25-318.22	Med- dk. grey garnet-mica schist (locally chloritic); wkly calcareous; pink,sub-euhedral garnets (10%), locally ragged rims; 5-10% qtz-carb bands, 1-5 cm, occasionally to 10/15 cm.; weakly-non garnetiferous @ 300.4-303.5 , 304.93-310.8 (calc. mica schist)	Fol. @ 70-80°												
318.22-319.32	Schist to chert gradational contact zone (siliceous garnet schist) -mottled with pink sub-euhedral garnets, 15-20%, 0.5-1.0cm. dia.; greenish grey with siliceous groundmass.													
319.32-327.35	Creamy white-light grey chert, very hard, massive to finely laminated with hairline wht mica fol. partings; conspicuous fol. planes marked by hairline to 1-2 mm lamellae of segregated brwn. sph py po gal (<0.5%); 10-20% bands and concentrations of mixed v.f.g. sph,py,po,gn @ 319.97-320.2, 320.75-321.35m; slightly softer (qtz-ser schist) , creamy greenish grey @ 323.22-323.8m.	Fol. @ 60°				106020 106021 106025	319.96 320.60 322.70	320.2 321.3 323.2	0.24 0.70 0.50	3.46 3.72 0.30	1.38 0.91 0.27	15.2 4.2 4.8		
327.35-365.65	Creamy, lt-med greenish grey f.g. quartz-sericite schist: speckled to finely lam. py>po>sph>>gal. (<1%); pale green ser. fol. partings; numerous small scale fold axes. 331.6m - 3cm qtz band w. 5% po. blebs ,galena trc. @ 70° to c.axis 336.15-338.63 ; minor brwn sphal lamellae 347.1 fold axis 350.93-352.85 ; fract's parallel-sub parallel to c.a. 358.0-361.3 ; pale pink, fol. parallel flat garnets (5%) 362.22; 0.5-1.0 cm band of v.f.g. po.gal. and smeared graphite @ 65° to c.a. 363.3-363.8 ; chert w. scattered euhedral pink garnets (<5%), 1.0 cm. dia. 10.0cm zone at base of section (365.55-365.65) w.prominent closely spaced bands of fol. parallel flat pink garnets w. biotite partings @ 70°													

DDH NO. TK-92-01

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
365.65-369.72	Mottled, creamy grey dolomite, med grain-granular ; scattered minor lenticules of sph., po.,gal. (<0.5%); wk-mod. siliceous. 366.25-366.75 lam.-msv.,v.f.g. po.,py.,sph.,mag. gal.(trc) - 60% sulphides w. more massive areas containing 5-10% fol. aligned bands of 1-2mm brwn-pinkish anhedral garnets associated w. magnetite blebs (1-2mm) 369.2- 369.63 brownish, very fin. lam. py.+ po.(5%) w. minor sph.	Fol. @ 70°				106022 106023 106024	366.13 367.29 369.14	366.83 368.15 369.58	0.70 0.86 0.44	1.44 1.40 0.94	0.60 0.89 0.19	7.50 5.20 1.70		
369.72-370.12	Fine grain, brownish grey , laminated dolomitic quartzite - lower 5cm contact consists of greenish grey muscovite quartz schist													
370.12-376.28	Dark-med. grey garnet-muscovite-chlorite-biotite schist - matrix consists of muscovite>>>biotite producing light silky text.; pink subhedral garnets 0.5-1.5 cm.(10%), locally chloritic rich zones; 10 cm wht, milky quartz band @371.85-371.95m.													
376.28-377.75	White-pale greenish grey quartz sericite schist (cherty) - massive, speckled with 1% finely dissem.po.; wkly lam. @ 377.36-377.75m. w. biotite partings	Fol. @ 60-70°												
377.75-392.89	Weak-mod. fol. siliceous garnet- mica schist; partial obscuring due to local silicification; med-dk greenish grey groundmass; 10 % pink, sub-euhedral garnets, occasionally stretched; occasional irregular patches of white quartz veining? and localized silicification. 378.34-380.55 ; patchy wht qtz (10-20%) 380.95-381.15 ; wht qtz vn. w. irreg. sharp contacts, several coarse po. blebs. wht, barren glassy quartz w. irreg. sharp contacts @ 381.7-382.4, 382.7-383.25m.													
392.89	End of Hole													

TECK EXPLORATION LTD.

BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-02** | **PAGE: 1 of 4**

NTS:	**83D/1E**	**DATE COLLARED:17/7/92**	**DEPTH**	**DIP**	**AZ**	**LENGTH:**	**324.0m**
CLAIM:	**BEND 34**	**DATE COMPLETED:23/7/92**	**0**	**-75°**	**35°**	**DEPTH OF OVB:**	**3.0m**
ELEVATION:	**1045m**	**DATE LOGGED:24/7/92**	**120.7**	**-79**		**CASING REMAINING:**	**3.65m**
GRID COORD:	**2+00S, 2+95W**	**CORE SIZE: NQ**	**291.4**	**-80**		**WATERLINE LENGTH:**	**2.7km.**
LOGGED BY:	**G.T.**					**PROBLEMS:**	**Hard-slow drilling**

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
0- 3.0	Overburden													
3.0- 25.2	Med. grey, f.g.limestone-micaceous limestone; approx.1%, 1-3cm phlogopite bands	Fol. @ 60-70°												
25.2- 62.94	Grey, banded (zebra texture) limestone; alternating bands 2mm-1cm w. wht. bands wider than grey; clean continuous zone; no pelitic/qtz bands; upper contact marked by 4.5 cm qtz-carb band with abrupt change to general fol. angle @ 30° to c.axis; broken @ 29.75- 30.4m.;localized tight isoclinal Z-shaped folding @ 33.84-34.84m.;wavy, variable fol. @ 20-30° to sub-parallel to c.a. from 44.63-46.13m.;tight isoclinal folding @ 48.33-47.0, 52.4-53.05, 53.6-62.94m; fol. sub-parallel to c.a. @ 58.1-58.6m.	Fol. @ 30-40°												
62.94- 64.15	Dark grey garnet-cordierite- mica schist; garnets brownish, euhedral to 1.5 cm.; cord. porph's dark, elongate 0.25-1.0 cm.; limonite coatings on fol. planes.	Fol. @ 40°												
64.15- 70.25	Med.-dk grey , calcareous cordierite-mica schist; 20-40% clusters of dark elongate cord.to 1.0 cm. w. lighter musc.-carb. groundmass; fol. variable, but generally parallel to c.a.; several irreg. wht qtz-carb bands, 1-10 cm. @ 67.22-68.12 m.													

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
70.25-83.53	Med. dk. greenish grey garnet-mica-cordierite schist; garnets subhedral, brownish to pale grey (0.5-2.0cm.), often w. ragged rims. (10-20%); f.g. groundmass of musc.,cord.,chlor.; local limonite stain along fol. planes; fol. variable to indistinct, appprox 40°; qtz bands @ 72.09 -4cm.,72.39 -4cm.,77.22-77.42, 80.58-80.88m.	Fol. @ 40°												
83.53-84.13	Interbedded garnet-cordierite shist and 60% qtz-carb. bands	Fol @ 40°												
84.13- 94.3	Dk. med. grey, calcareous mica-cordierite schist (musc>cord>biot); localized cord. clusters and bands; mod.-strong calcareous w. calc-musc. groundmass; 10-20% diffuse and distinct wht qtz-carb bands ; limonite fract. coatings @ 84.75-90.6m.; grey f.g. limestone interbed @ 90.62-91.9m. w. 60°fol.	Fol @ 40°												
94.3- 97.5	Garnet-mica schist; strongly fract. w. lim. coatings; wk.-mod. calc; garnets pale brwn to 1.5 cm., subhedral, 5-10%, fract. parallel to c.a. @ 95.0-96.0m.	Fol. @ 50°												
97.5-235.92	Med. grey f.g. banded limestone, approx. 5% qtz-carb interbeds (3-15 cm); wk. localized limonite on fol. planes to 171.0 m.; increase in pelitic content to calcareous cord. schist @ 107.6-123.53 and 124.35-128.3m 189.5-199.58 Calc. cord.-garnet schist; darker increased pelitic zone; sporadic, euhedral dk. brown garnets to 2.0 cm. (<5%); calc.-chlor groundmass; irreg. patches and bands of dk. elongate cordierites (20-30%); broken @ 190.6-191.4m. 123.53-124.35 wht.chalky qtz +/- barite band, contacts 25-30°; strong infusion of qtz-carb(80-90%) @ 129.45-130.2, 131.9-132.7m. Fol. flattens parallel-subparallel to c.a. @ 138.0-150.0m.; fol. approx. 40° @ 150.0-178.05m.; abrupt fol. change to subparallel to c.a. @164.47-164.8m. 177.3-178.05 - med.grain, calc. phlog. schist; evenly distributed phlogopite books to 3.0 mm (20%) , slickensides @ 20° to c.a. 178.05-235.92 - fol. @ 40-50°; fold axis @ 229.75-229.92m.	Fol. @ 50-60° 40°(contacts)												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
260.9-263.2	Strongly chloritic, broken, mottled garnet-cordierite schist; cord. selectively replaced by chlorite (5-10% cord.); pink sub-euhedral garnets to 2.0 cm.; interbedded wht. cherty bands (30-40%); sharp irreg. lower contact @ 80°	Fol @ 60°				18602 18603 18604	260.45 261.45 262.45	261.45 262.45 263.20	1.0 1.0 0.75	79ppm 68ppm 57ppm	11ppm 30ppm 19ppm			
263.2-279.1	Grey-greenish grey, f.g-v.f.g. hard, glassy chert, laminated @ 2-4 mm.; several minor fold axes; elongate pink garnets often in clusters (5-10%); wht micas on fol. planes.: sporadic wk. sphal. lamellae except as noted below. 265.4-266.7 : qtz-sericite schist, finely lam. 270.6-271.3 : secondary glassy, wht qtz w. 25% stockworks of po. > py 271.9 : 2-3 cm. band mixed po>py 273.4-273.9 : massive v.f.g. sulphides (100%); mixed po.,py.,sph. (brown) w. oval glassy qtz eyes 0.25-2.0 cm. (10%) 273.9-274.4 : Drk., finely lam., wk.-mod. chloritic, contains 4 cm. pyritic rimmed qtz inclusion: section is mod. to stongly magnetic as lowermost 7cm.has laminated intergrowth of f.g. pink garnets and flattened magnetite blebs. 274.4-274.55 : wht secondary qtz containing contact sphal lamellae with overlying drk.magnetic band @ 274.4m.; brwn. sphal. blebs (2%), galena trc. within qtz.; contacts sharp, irreg. w. chert. 274.55-279.1 : glassy, grey- greenish grey, fine -v.f. lam. chert; < 1% fine lenticules sph.,po.,py.,trc. gal.	Fol. @ 70° Fol. @ 60°				106028 106029 106030 106031 18605 18606 18607 106026 18608 106032 106027 106033 18609 18610 18611 106034 106035	263.2 264.4 265.4 266.4 267.2 268.2 269.2 270.6 271.25 272.5 273.4 273.9 274.4 275.4 276.8 276.8 276.8	264.4 265.4 266.4 267.2 268.2 269.2 270.6 271.25 272.5 273.4 273.9 274.4 275.4 276.8 278.6 277.32 279.1	1.2 1.0 1.0 0.8 1.0 1.0 1.4 0.7 1.25 0.9 0.5 0.5 1.0 1.4 1.26 0.52 0.5	0.19 0.22 0.45 0.60 2061ppm 270ppm 395ppm 0.18 132ppm 0.04 8.28 0.58 797ppm 1808ppm 1265ppm 0.30 0.92	0.02 0.04 0.01 0.05 306ppm 408ppm 341ppm 0.04 176ppm 0.02 2.24 0.19 528ppm 413ppm 311ppm 0.06 0.23	0.50 0.80 <.01 0.60 30.9 1.70 0.70 2.70	 13.04 19.68 	
279.1-295.55	Light-med grey cherty quartz sericite schist; f.g-v.f.g., finely lam.; sporadic minor lamellae (<1%) of brn sph>po.>py.>gal. (trc): sericitic fol. partings.	Fol. @ 60°				018612	279.1	279.8	0.70	421ppm	201ppm	0.3ppm		

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
295.55-305.02	Med. to lt. grey/ creamy, mottled, dolomite, fine-med. grain, weak-mod. siliceous. 295.55-295.8 : interbedded 1 cm. mica bands, dol. and pale smeared garnets 295.8-297.47 : lam. - semimassive(30-40%) sulphides; mixed granoblastic py. w. interstitial brn. sph. (py.5:sph2); dissem. mag. @296.6-296.7; 1.0 cm. mixed po/py band @ 295.85 297.47-299.4 : dol.w. sporadic py. lamellae (hairline-0.5cm.), 3-5% sulphides 299.4-300.3 : brecciated dol. w. 5-10% breccia matrix , py.>po. 301.3-302.1 : drk. grey dol. w. 5-10% py/po. stringers 302.1-305.02 : grey dol. w. lam. bands of py>po.>sph (8:2:1); minor local brecc. w. silicification					106036 106037 106038 106039 106040 106041 106042 106043 106044 106045 106046	295.55 296.5 297.6 298.16 299.4 300.4 301.31 302.1 302.7 303.74 304.52	296.5 297.6 298.16 299.4 300.4 301.31 302.1 302.7 303.74 304.52 305.30	0.95 1.1 0.56 1.24 1.0 0.91 0.81 0.6 1.04 0.78 1.40	1.78 3.00 0.09 0.08 0.17 0.06 0.79 0.20 0.26 0.25 0.04	0.33 0.28 0.03 0.08 0.07 0.03 0.20 0.04 0.11 0.12 0.06	5.60 4.10 <.10 1.40 1.20 0.40 2.80 0.60 2.30 1.70 1.40		
305.02-307.5	Siliceous dolomitic schist; f.g., med. grey, lam.; localized narrow musc. bands, gradational lower contact.					018613 018613 018614	305.30 306.04 307.17	306.04 307.17 307.60	0.74 1.13 0.43	2022ppm 143ppm 40ppm	151ppm 49ppm 21ppm			
307.5-324.0 E.O.H.	Garnet-biotite schist; garnets pale pink to 1.0 cm. (15-25%), euhedral to ragged/flattened; drk. groundmass (biot>musc.); wkly siliceous @ 309.15-309.7m. 307.6-308.4 : 70-80% wht. broken, cherty qtz 311.7-312.6 : downward widening interbedded wht cherty bands within garnet-mica schist 312.6-314.3 : med grey, f.g. laminated chert	Fol. @ 50-60°				018616 018617	307.60 308.22	308.22 309.68	0.62 1.46	32ppm 91ppm	13ppm 11ppm			

TECK EXPLORATION LTD.

BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-3** | **PAGE: 1 of 4**

NTS:	**83D/01E**	**DATE COLLARED:**	**24/07/92**	**DEPTH**	**DIP**	**AZ**	**LENGTH:**	**346.86m**
CLAIM:	**BEND 1**	**DATE COMPLETED:**	**29/07/92**	**0**	**-45°**	**35°**	**DEPTH OF OVB:**	**15.85m**
ELEVATION:	**1008m**	**DATE LOGGED:**	**29/07/92**	**153.01**	**-47°**	**35°**		**CASING REMAINING:15.85m**
GRID COORD:	**4+00N, 2+63E**	**CORE SIZE:**	**NQ**	**275.84**	**-46°**	**35°**		**WATERLINE LENGTH:3000m**
LOGGED BY:	**C.A.**							**PROBLEMS:**

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	SAMPLE DATA FROM	SAMPLE DATA TO	SAMPLE DATA LENGTH (meters)	RESULTS Zn (%)	RESULTS Pb (%)	RESULTS Ag (g/t)	RESULTS Fe (%)	RESULTS Other
0-16.1	Overburden													
16.1- 40.95	F.g., light grey-drk grey banded Limestone ('zebra rock'). 2-10mm bands commonly tightly folded. Drk grey, v.f.g., wkly magnetic pelitic band from 40.13-40.47m.	Fol @68°												
40.95- 46	F.g., drk-med. grey, calcareous Garnet-biotite schist with minor 2-8mm elliptical porphyroblasts of cordierite. Garnets subhedral. 5-25cm bands of creamy white Qtz-carb bands from 44.1-44.95m.	Fol @60°												
46.0- 74.75	Drk grey, well fol., Garnet-biotite Schist. 0.4-1.2cm sub-anhedral pale pink garnets display a poikalitic texture and possess an internal fol. non-parallel with the matrix fol. Small anhedral staurolites occur locally. A grey micaceous limestone band occurs from 60-60.52m.	Fol @50° Fold axis (F.A.) @48.5, 49.5, 56.2, 57.0												
74.75- 79.1	F.g., well fol., drk grey Mica Schist. Possibly orig. of a greywacke composition. Minor small anhedral garnets and 0.5-1.0cm Qtzz-carb bands occur locally.	Fol @80°												
79.1- 98.1	Drk grey, well fol., Garnet-biotite Schist													
98.1- 112.32	Calcareous Biotite Schist. Minor % of anhedral, pale pink 0.3-1.0cm garnets which decrease in abundance toward bottom of unit.	Minor folds from 109.5-110.2												
112.32- 121.9	Light grey, mod-well fol., Mica schist with ≈10% calcareous component. Abundance of ≈1cm fol parallel Qtz-carb bands. Minor garnet component which increases slightly toward bottom of unit. Calcareous mica schist interbed from 120.67-121.9m.	Fol @65°												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
109.78-157.48	F.g., mod fol., drk grey Chloritic Garnet Schist with occasional 5-15cm Qtz-carb band. 0.5-2cm subhedral grey-brown garnets in dark grey-green chloritic matrix. Cordierite occurs locally. Unit appears to derive from a more argillaceous source. Broken, rubbly core (possible fault) from 109.8-111.6m.	F.A. @131.6												
157.48-168.7	Grey to drk-grey, banded, Garnet-cordierite Schist with minor calcareous component and minor interbeds of cord. bearing limestone. Garnets are sub-anhedral and become less abundant toward bottom of unit. 1-4cm band of Qtz-carb occur locally. Band of Cordierite Limestone from 161.1-162.11.	Fol @45-50°												
168.7-172.45	Grey to light-grey, calcareous Cordierite-Mica Schist with interbedded Limestone Cordierite Schist.													
172.45-175.56	Garnet-cordierite-chlorite-mica Schist. Garnet and cord. display retrograde metamorphic effects; ragged crystal edges and cord. altered to chlorite. Retrograde evidence increases toward bottom of unit. Core is broken & limonitic with areas of poor recovery (fault) from 174-175.56m.													
175.56-183.7	Wkly banded, grey to light-grey, Limestone Cordierite Schist. Cord. is elliptical with p.d.o. parallel to fol.	Fol @50° F.A. @182.61 183.25												
183.7-204.6	Grey to grey-brown, calcareous Garnet-biotite Schist with interbedded limestone. 1-10cm cordierite bearing bands locally. Biotite displays anastomozing cleavage about garnet prph-blasts. 1-10cm Qtz-carb bands. Broken, rubbly core (fault) from 199.3-199.6m.													
204.6-222.45	Banded, grey Garnet-Biotite Schist with numerous 1-3cm Qtz-carb bands. ~5% calcareous component.													
222.45-228.66	Drk grey, Garnet-cordierite-biotite Schist. Biotite anastomozes about numerous anhedral garnets and elliptical cord.	Fol @50°			Minor Py & Po									
228.66-237.06	Waxy grey-green, well fol., Quartz-sericite Schist.	Fol @70°			Py on fol & frac. surfaces									

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
237.06-239.14	Mineralized section. 237.06-238.74m, v.f.g., laminated to banded Py, Mag., & Po with ≈3% Sph in thinly banded and wkly brecciated dolomite. 238.74-239.14m, grey dolomite with several 3-5cm bands of Py, Sph & minor Po.					81709 81710 81711 81712	237.06 237.56 238.18 238.66	237.56 238.18 238.66 239.14	0.50 0.62 0.48 0.48	1.28 1.72 3.42 2.06	0.44 0.48 0.66 0.68	4.54 3.97 6.24 10.21	16.2 15.7 18.1 12.4	
239.14-239.63	Siliceous Sericitic Dolomite Schist.													
239.63-261.83	Well fol, banded, waxy yellow-green and grey-brown Siliceous Sericitic Pelitic Schist. Unit appears to be an interbedded Qtz-sericite schists with f.g. micaceous and grey silt sized material. Locally the unit becomes less siliceous and more a banded drk grey to grey argillaceous schist. Shearing effects are noted by stretched/flattened pale pink garnets. Qtz-carb band from 241.68-242.11m.	Fol @70° F.A. @244.6, 252.31, 254.26, 255.38			Py on frac. surfaces									
261.83-265.25	F.g., banded grey to drk grey, Garnet-biotite Schist with 0.4-1.0cm biotite aggregates or 'booklets'.	Fol @60° Bedding @85°												
265.25-277.9	Siliceous sericitic Pelitic Schist with minor amounts of 0.6-2.0cm subhedral red-brown garnets.	F.A. @267.85 267.85, 271.9, 272.35												
277.9-279.19 E.O.H.	Staurolite-garnet-biotite Schist. 0.6-1.5cm golden-brown staurolites and ≈0.5cm garnets with 0.5cm biotite booklets in f.g. light grey micaceous matrix. Contact with above unit very well fol. & broken (possible fault).													

TECK EXPLORATION LTD.

BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-05** | **PAGE: 1 of 5**

NTS:	**83D/01E**	**DATE COLLARED:**	**07/08/92**	**DEPTH**	**DIP**	**AZ**	**LENGTH:229.8m**
CLAIM:	**BEND 5**	**DATE COMPLETED:**	**10/08/92**	**0**	**-60°**	**70°**	**DEPTH OF OVB:2.1m**
ELEVATION:	**925m**	**DATE LOGGED:**	**12/08/92**	**171.3**	**-64°**		**CASING REMAINING:2.1m**
GRID COORD:	**13+67 N, 5+00 E**	**CORE SIZE:**	**NQ**	**218.2**	**-64°**		**WATERLINE LENGTH:300m**
LOGGED BY:	**G.T.**						**PROBLEMS:**

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Au (oz/t)
0-2.13	Overburden													
2.13-4.25	Med. grey f.g. limestone: several qtz-carb bands to 0.25 cm., limonite on fract. surfaces.	Fol. @ 40°												
4.25-31.35	Dark grey calcareous mica schist: occasional narrow bands of elongate cordierite porphyroblasts to 1.0 cm., often associated w. qtz-carb bands (10% qtz-carb bands); wk.-mod. lim. frac. coatings; rare anhedral pinkish garnets to 1.5 cm.; fold axes @ 10.97, 15.0, 16.5, 22.0 m.	Fol. @ 40°												
31.35-50.4	Lt.-med. grey limestone : 10% qtz-carb bands, 1-5 cm.; minor pelitic interbeds, 5-10%, ; mod-strong limonite fract. coatings; 34.79-35.09 - biotite, phlogopite schist 35.09-36.09 - brownish grey calcareous mica schist.	Fol. @ 40-50°												
50.4-64.43	Dark grey , mottled chloritic garnet - mica schist; sub-euhedral brownish-pink garnets to 3.0 cm. (10-20%), garnets more ragged in more chloritic zones; sporadic cordierite clusters; chloritic groundmass; mod. broken to 53.2 m.; qtz-carb bands @ 58.6-58.92,59.4-59.65, 60.65-60.98 (80%), 62.7-62.95, 63.31-63.46m.	Fol. @ 65°												
64.43-71.63	Zone of mixed dk. grey fol. limestone and calcareous cordierite- mica schists; 5%, 1-5cm. qtz-carb bands, rare pale euhedral garnets (<5%); grey fol. limestone(80%) @ 69.5-71.63m.	Fol. @ 60°												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	SAMPLE DATA FROM	SAMPLE DATA TO	SAMPLE DATA LENGTH (meters)	RESULTS Zn (%)	RESULTS Pb (%)	RESULTS Ag (g/t)	RESULTS Fe (%)	RESULTS Au (oz/t)
71.63-109.73	Dk. grey, strong. fol. garnet-mica schist; dk. chloritic muscovite +/- phlogopite groundmass; 20-30% sub-euhedral brownish, pink garnets, 1-3 cm.; local concentrations of elong. cordierite porph's to 1.0 cm.; < 5% qtz-carb bands.	Fol. @ 60°												
109.73-110.25	Grey, f.g. fol. limestone.	Fol. @ 60°												
110.25-113.13	Dk. grey, strong. fol. garnet-cordierite- mica schist; 10-15 % euhedral, brownish pink garnets to 4.0 cm.	Fol. @ 50°												
113.13-116.5	Lt. grey. f.g. limestone; 15 % diffuse qtz-carb bands; wk. sporadic cordierite develop't.	Fol. @ 60°												
116.5-117.65	Garnet-mica schist; pink subhedral garnets to 3.0 cm. (20%); wk.-mod. calc. groundmass; trc. py. smears on fol. planes.													
117.65-133.24	Light grey limestone ; 10 % qtz-carb bands, 1% micaceous bands													
133.24-137.73	Mixed limestone, weakly calc. garnet-mica schist; wht qtz >> carb. band @ 135.58-135.92m.													
137.73-141.38	Lt. grey f.g. limestone, wk. cord. develop't.	Fol. @ 70°												
141.38-145.0	Calcareous, garnet-cordierite-mica schist; 10-20% sub-euhedral pale pink garnets, often w. ragged rims; limestone interbeds @ 142.68-142.86, 144.59-144.67													
145.0-149.6	Light grey, fol. limestone													
149.6-184.25	Mod. calc garnet-mica-cordierite schist; garnets pale pink, sub-euhedral, often w. ragged rims, 1-3 cm. (15-20%), occasional qtz-carb bands, indistict fol. 162.1 : mod. fract. schist with wk.-mod. 1mm-1cm calcite fract. fills.; 163.4-163.8 - fol. flattens to 25° w. associated pale green carb. filling along fol. plane.; 177.95 - 12cm. qtz-carb band followed by bleached, greenish calc. altered zone (178.0-178.51); bleached w. increased musc. groundmass @ 183.5-184.25m.	Fol. @ 70°												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Au (oz/t)
184.25-192.4	Wht-creamy lt. grey, cherty quartz sericite schist; banded and laminated; mod.fract. w. limonite stain on frac's.: fine laminations and flecks of py>po>sph>gn (1-2%); sericite and py. smears on fol. planes; strongly broken @ 187.45-189.58m.	Fol. @ 45°												
192.4-199.68	Wht. dolomitic limestone w. laminated, semi-massive and massive bands of v.f.g. py.,po.,sph. and trc. galena; localized bands of small flattened pink garnets often w. magnetite ass'n.; rock has complex folded texture with more massive zones containing variable size dolomitic bodies/clasts? w. lesser oval quartz eyes.; foliation planes are chloritic w. pyrite smears and laminations; mineralization is typically brown-reddish brown.(sulphides are typically po.,py with lesser sph. and difficult to distinguish due to very small grain size) SULPHIDE ESTIMATE: 192.4-193.15 : Lam.-semi-msv., 20-30 % 193.15-193.55 : msv. , 80% 193.55-198.45 : semi-msv. to msv , 60-70 % 198.45-199.25 : wk. lam., 1 % 199.25-199.68 : lam.-semi-msv., 30 %					81713 81714 81715 81716 81717 81718 81719 81720 81721 81722 81723 81724 81725 81726 81727	192.40 192.71 193.21 193.64 194.19 194.65 195.10 195.36 196.18 196.51 197.04 197.53 197.88 198.45 199.15	192.71 193.21 193.64 194.19 194.65 195.10 195.36 196.18 196.51 197.04 197.53 197.88 198.45 199.15 199.69	0.31 0.50 0.43 0.55 0.46 0.45 0.26 0.82 0.33 0.53 0.49 0.35 0.57 0.70 0.54	2.44 0.26 5.00 1.52 3.66 2.72 6.48 1.62 8.36 2.16 4.44 8.30 1.52 0.52 1.74	0.62 0.10 1.64 0.56 1.02 0.66 1.30 0.58 1.28 0.28 0.84 1.78 0.32 0.10 0.46	8.23 1.37 21.94 7.54 12.34 6.86 26.06 6.17 17.83 4.11 10.28 24.68 4.8 1.37 4.8	12.70 19.85 13.50 21.40	0.001 0.002 0.002 0.003
199.68-200.3	Quartz carbonate breccia; white, broken dolomite, vuggy, siliceous frags. w. sulphide rims (py. -5%, ga. -1%)					81728	199.69	200.35	0.66	0.74	0.24	3.43		

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Au (oz/t)
200.3-209.55	Siliceous dolmitic limestone with pyritic bands; mod. calc. mottled, grey dolomite w. variable narrow glassy silica veinlets and inclusions (1-5%); localized wk. brecciation w. silica matrix filling; pyrite occurs as distinct bands of granular porphyroblastic, granular py. with minor interstitial sph.(py 10 : sph 1); unit also contains pervasive scattered lamellae of py > sph > gal. 205.7-206.1 : closely spaced lamellae of mag., sph., minor py (5% combined) msv py. bands @ 200.55-200.7, 202.25-202.67m. 208.03-208.6 : mod-strong brecc. dol. w. 10% silica breccia matrix w. granular py., minor po. trc. gal. 208.9-209.4 : msv., med. -coarse gran. py. (60%) w. 2-3% interstitial sph. 205.0 : 8 cm. second. qtz band w. py., sph., gal. selvages.	Fol. @ 50°, 40° Fol. @ 50°				81729 81730 81731 81732 81733 81734 81735 81736 81737 81738 81739 81740	200.35 200.60 201.00 202.20 202.80 203.80 204.80 205.65 206.10 207.00 208.03 208.90	200.60 201.00 202.20 202.80 203.80 204.80 205.65 206.10 207.00 208.03 208.90 209.65	0.25 0.40 1.20 0.40 1.00 1.00 0.85 0.45 0.90 1.03 0.87 0.75	4.22 0.56 0.22 1.66 0.48 0.36 0.46 0.76 0.18 0.48 0.46 1.60	1.04 0.18 0.08 1.90 0.50 0.14 0.12 0.14 0.04 0.44 0.16 0.10	14.4 2.74 1.37 30.86 8.23 2.06 2.06 3.43 0.68 7.88 3.43 2.06	18.35 22.90	0.002 0.001
209.55-211.1	Cherty, dolomitic quartz-sericite schist, lt. grey, f.g.													
211.1-212.0	Gradational zone / contact; dolomitic qtz- ser. schist to garnet biotite schist													
212.0-221.7	Strongly fol. garnet-biotite schist; dk. biotite bands; garnets pale pink, 1-5 mm. in streaks and bands, garnets an-euhedral to 1.5 cm. (10-20%); fold axis @ 220.8 w. minor py., po.	Fol. @ 60°												
221.7-221.85	Dolomitic quartz-sericite schist; contains tight isoclinal fold bands w. 5% blebs and narrow bands brown sph. and minor galena along fold axes.													
221.85-222.17	Grey, mottled dolomite, w. fine lamellae of brwn. sph.; some minor remob. qtz. bands, 2-4 mm. w. minor assoc. sph., ga.	Fol. @ 45°												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Au (oz/t)
222.17-229.82	Siliceous, pelitic, quartz-sericite schist (cherty); wht-cream bands w. fine laminations of dk. brwn pelitics (micaceous);banded, well fol.; minor isolated clusters of flattened garnets to 0.5 cm.; chlor. and py. smears on fol. planes; occas. tight isoclinal folds; mod. broken @ 227.18-228.9; rare biotite-garnet remnant bands to 224.0 m.; downsection increase in pelitic content; fold axis @ 222.77m.	Fol. @ 80°												
229.82	End of Hole													

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BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-7** | **PAGE: 1 of 2**

				DEPTH	DIP	AZ		
NTS:	**92J/10W**	**DATE COLLARED:**	**15/08/92**				**LENGTH:**	**227.08m**
CLAIM:	**BEND 7**	**DATE COMPLETED:**	**19/08/92**	**0**	**-50°**	**30°**	**DEPTH OF OVB:**	**20.55m**
ELEVATION:	**930m**	**DATE LOGGED:**	**19/08/92**	**163.37**	**-55°**	**30°**	**CASING REMAINING:**	**20.55m**
GRID COORD:	**14+70N, 3+97E**	**CORE SIZE:**	**NQ**				**WATERLINE LENGTH:**	**300m**
LOGGED BY:	**C.A.**						**PROBLEMS:**	**Broken ground**

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
0- 20.55	Overburden													
20.55- 37.98	Grey to grey-brown, calcareous Biotite Schist with minor interbedded micaceous limestone. Minor garnet component from 32.3-36.8m.	Fol @45-50° Fold Axis (F.A.) @27, 27.7m.												
37.98- 64.8	Grey micaceous limestone with interbedded grey-brown calc. biotite schist from 45.3-46.1, 50.09-51.66 & 55.1-58.1m. Minor Qtz-carb bands and disrupted bands (as fragments) occur throughout unit.	F.A. @64.19, 64.44												
64.8- 78.13	Mod. fol, grey Micaceous Limestone with interbedded grey micritic limestone.	Fol @60°												
78.13- 83.11	Wkly banded, light grey to grey-brown, Mica-cordierite Limestone.	Fol @60°												
83.11- 95.0	Mod-Well fol., grey-brown, calcareous Biotite Schist.	Fol @65°												
95.0- 100.6	Grey to drk grey, Garnet-Biotite Schist with numerous 1-4mm subhedral dolomite prph-blasts overprinting the earlier garnet metamorphic texture.	Fol @60°												
100.6- 106.98	F.g., light grey to grey Limestone. Cordierite is present within the lower 1m.	Fol @70°												
106.98- 124.16	Drk grey Garnet-Cordierite-Dolomite Schist with minor 2-10cm interbeds of micaceous limestone. Dolomite occurs as small subhedral prph-blasts. Qtz-carb bands from 122.59-122.82 & 123.7-124.08m (mod brecc.)				Minor Py on frac. surfaces.									
124.16- 130.45	Banded, grey to grey-brown, Cordierite-garnet-biotite Schist with ~5% calcareous component.													

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
130.45-143.14	Mottled, drk grey, Cordierite-garnet-dolomite-biotite Schist. Garnets are 0.7-2cm in size, subhedral and pink-brown. Kyanite occurs from 139.45-141.92m. Core broken & rubbly with chlorite & carbonate alteration from 137.87-138.84m.													
143.14-160.52	Mod fol., wkly banded, grey Micaceous Limestone with 1-8cm white Otz-carb bands. Chloritized cordierite prph-blasts occur locally.	Fol @65° F.A. @149.18												
160.52-200.86	Wkly banded, grey to drk grey calcareous Garnet-cordierite-biotite Schist with 0.5-10cm bands of Otz-carb. Banded grey limestone occurs from 199.24-199.57m. Pale yellow-grey sericitic section from 183.15-184.66m.													
200.86-204.33	Mottled, drk grey, Garnet-staurolite-biotite Schist. Unit appears to be orig. derived from a more argillaceous source than previous units.	Fractures near parall. C.A.												
204.33-209.0	Broken, rubbly, grey Quartz-sericite schist/Grey Chert.	Possible fault through unit												
209.0-210.56	Grey, wkly siliceous Dolomite. Massive Po, Sph & Py from 209-209.85m. Banded and thinly laminated Py, Po & Sph from 209.85-210.36m.					81743 81744	209.0 209.45	209.45 210.36	0.45 0.91	3.07 0.29	0.83 0.30	10.97 6.17	11.70	
210.56-211.68	Siliceous Dolomitic-sericitic Schist. Upper contact with dolomite gradational.													
211.68-214.68	Wkly-mod banded Garnet-biotite Schist. Qtz-carb band from 212.92-213.03m.	Fol @50° Bedding @72°												
214.68-227.08 E.O.H.	Grey, siliceous Sericitic-pelitic Schist. Pelitic material appears as drk brown laminae within siliceous cherty unit. Unit contains discrete light grey to yellowish white clasts.	Fol @70°												

TECK EXPLORATION LTD.

BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-8** |

NTS:	**92J/10W**	**DATE COLLARED:**	**20/08/92**	**DEPTH**	**DIP**	**AZ**	**LENGTH:**	**314.6m**
CLAIM:	**BEND 7**	**DATE COMPLETED:**	**25/09/92**	**0**	**-50°**	**10°**	**DEPTH OF OVB:**	**24.5m**
ELEVATION:	**930m**	**DATE LOGGED:**	**25/09/92**				**CASING REMAINING:**	**24.38m**
GRID COORD:	**14+70N, 3+96E**	**CORE SIZE:**	**NQ**				**WATERLINE LENGTH:**	**300m**
LOGGED BY:	**C.A.**						**PROBLEMS:**	**Broken ground**

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
0-24.5	Overburden													
24.5- 48.35	Mod-well fol, calcareous Biotite-Garnet Schist. Core broken & rubbly from 24.5-27.58m. Gouge material (fault?) from 40.85-41.05m. Unit displays meteoric water staining along fractures.	Fol @10°												
48.35- 100.29	F.g., mod fol, grey Micaceous Limestone. Contact with upper unit sharp @20° to C.A. Core broken & rubbly from 48.65-49.1, 63.09-64.1 (fault), 64.55-65.04, 93.17-93.37m. Gouge material @95.09-95.3m. Chlorite+Biotite rich layer (possibly altered dyke) from 99.2-99.67m.	Fol @5-10° changes to 40° @80m												
100.29- 108.25	Interbedded brown-grey calcareous Biotite Schist and grey banded Micaceous Limestone. Chlorite rich band of garnet-biotite schist from 107.49-107.93m.	Fol @30-40° Fold axes @102.9, 103.2.												
108.25- 120.3	Brown-grey calcareous Biotite-Cordierite Schist with minor 5-30cm interbedded Micaceous Limestone. Minor garnet component.	Fol varies from 20-35° F.A. @110.96, 112.96, 117m												
120.3- 127.0	Banded Micaceous Limestone with minor interbeds of calcareous Mica Schist.	Fol @20-25°												
127.0- 139.55	Mod-well fol, brown-grey calcareous Biotite-Garnet-Cordierite Schist. 5-15cm Qtz-carb bands occur locally. Calcareous component decreases slightly toward bottom of unit. Micaceous lmst interbed from 136.25-137.45m.	Fol @25° Fol from 139m is 40° F.A. @130.67, 131.15, 137.95, 139.34m												
139.55- 154.53	Interbedded grey Micaceous Limestone and calcareous Biotite Schist. 0.5-10cm Qtz-carb bands locally.													

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
154.53-169.24	Calcareous Biotite Schist with minor interbedded Micaceous Limestone. Cordierite occurs in 2-20cm bands locally.	F.A. @157.93, 165.12. Fol ranges from 10-40° with folding												
169.24-178.8	Grey banded Micaceous Limestone with minor interbeds of calcareous Biotite Schist. Within some Biotite schist bands prph-blasts of cordierite and dolomite occur.	F.A. @170.49, 171.5m												
178.8-200.19	Drk grey, wkly calcareous, mottled Garnet-Cordierite-Dolomite Schist. Dolomite occurs as small subhedral grey porphyroblasts. Qtz-carb bands occur from 178.8-179.02, 180.23-180.53, 198.13-198.43m.	Fol @10-30° F.A. @184.2, 192.62m.			Minor Py.									
200.19-219.55	Grey banded Cordierite bearing Limestone. Interbedded calcareous Garnet-Cordierite Schist from 204.1-206.45 and 207.45-207.95. Mod brecciation and chlor alteration from 212.99-213.65m.	Fol @10-20° F.A. @203.68, 211.95, 214.6, 217.69												
219.55-229.93	Grey-brown banded calcareous Biotite-Cordierite Schist with minor pale pink anhedral garnet component. 0.5-5cm bands of Qtz-carb throughout unit.	Fol @10-20°												
229.93-234.18	Grey, wkly banded, Cordierite Limestone Schist.													
234.18-252.77	Grey to grey-brown, calcareous Garnet-Cordierite-Biotite Schist with numerous 1-5cm fol. parallel Qtz-carb bands. Core blocky from 241.55-244.45m. Unit possesses a pale grey zone due to increased intercalated limestone.	Fol @35°												
252.77-256.0	Grey to drk grey, banded Garnet-Cordierite Schist. Cord. display retrograde metamorphic effects from 255.08-256.02m as chlorite alteration increases.													
256.0-257.35	Opalescent grey Chert with banded and laminated pyrrhotite, pyrite and sphalerite.					18501 18502	256.0 256.95	256.2 257.35	0.2 0.4	0.76 3.04	0.36 0.5	7.54 10.97		
257.35-258.94	Disseminated pyrrhotite and minor sphalerite within a grey siliceous unit.					18503 18504	257.35 258.0	258.0 258.94	0.65 0.94	2.26 1.8	0.32 0.22	7.88 5.48	13.10	

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
258.94-277.2	Well fol, waxy grey-green Quartz-sericite Schist with minor Py on fol surfaces. 259-259.3m: Quartz layer/vein with diss. and stringer Po, Py and minor galena.					18505	259.0	259.3	0.3	0.36	0.21	5.14	8.92	
277.2-294.24	Grey, wkly siliceous, wkly brecciated mineralized Dolomite. Banded and laminated Po, Sph, Py and Mag, from 277.2-278.7, 279.25-280.55, 282.25-282.74, 283.4-283.8, 284.8-285.15, 285.8-286.5, 287.2-287.55, 288.1-289.27m. Massively bedded Po, Sph with minor Py and Mag from 280.55-280.8m. Thinly laminated Po, Sph with minor Py, Mag and Gal. from 278.7-279.25, 280.8-282.25, 282.74-283.4, 283.8-284.8, 285.15-285.8, 286.5-287.2, 287.55-288.1, 289.27-290.4m. Dolomite displays granular 'gneissic' texture from 278.27-279.7m. Biotite present.					18506 18507 18508 18509 18510 18511 18512 18513 18514 18515 18516 18517 18518 18519 18520 18521 18522 18523 18524 18525 18526 18527 18528	277.2 277.8 278.27 278.7 279.25 279.7 280.08 280.55 280.8 281.6 282.25 282.74 283.4 283.8 284.8 285.15 285.8 286.5 287.2 287.55 288.1 288.64 289.27	277.8 278.27 278.7 279.25 279.7 280.08 280.55 280.8 281.6 282.25 282.74 283.4 283.8 284.8 285.15 285.8 286.5 287.2 287.55 288.1 288.64 289.27 290.4	0.6 0.47 0.43 0.55 0.45 0.38 0.47 0.25 0.8 0.65 0.49 0.66 0.4 1.0 0.35 0.65 0.7 0.7 0.35 0.55 0.54 0.63 1.13	0.88 1.10 0.86 0.10 0.46 0.18 0.14 6.10 0.24 0.04 0.14 0.06 0.14 0.22 1.50 0.62 1.88 0.32 1.00 0.18 0.96 0.46	0.34 0.90 0.44 0.04 0.18 0.14 0.04 0.32 0.08 0.04 0.06 0.04 0.02 0.04 0.38 0.10 0.28 0.14 0.04 0.10 0.42 0.08	5.83 8.91 4.46 1.37 3.08 5.83 2.74 13.71 2.4 1.37 1.71 1.03 1.37 1.03 13.03 3.08 3.43 2.06 1.37 5.14 7.54 2.4 2.4	23.36 19.90	
294.24-300.5	Siliceous-Sericitic-Dolomitic Schist. Thinly laminated Py & Po (1-2%) within unit from 294.24-300.3m. Band of massive Po with Py and minor Sph from 300.3-300.5m.	Fol @40°				18529 18530 18531	297.79 298.22 300.3	298.22 299.25 300.5	0.43 0.97 0.2	218ppm 902ppm 0.60	67ppm 276ppm 0.02	0.1 0.1 0.7	13.26	
300.5-301.8	Wkly siliceous, yellow-grey to grey Dolomite with minor Py and Po laminae and infilling along fracture in wkly brecciated unit.													
301.8-314.55 E.O.H.	Waxy, pale yellow-grey to grey Chert with minor sericite and drk grey flecks along foliation. Small band of wkly fractured grey dolomite from 310.53-311.18m.	Fol @40°												

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BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-11** | **PAGE: 1 of 3**

NTS:	**83D/01E**	**DATE COLLARED:**	**3/09/92**	**DEPTH**	**DIP**	**AZ**	**LENGTH:211.83m**	
CLAIM:	**BEND 5**	**DATE COMPLETED:**	**7/09/92**	**0**	**-65°**	**40°**	**DEPTH OF OVB:**	**16.46m**
ELEVATION:	**950m**	**DATE LOGGED:**	**8/09/92**	**182.9**	**-70°**		**CASING REMAINING:**	**16.46m**
GRID COORD:	**15+69N, 4+37E**	**CORE SIZE:**	**NQ**				**WATERLINE LENGTH:**	**100m**
LOGGED BY:	**G.T.**						**PROBLEMS:**	

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	SAMPLE DATA FROM	SAMPLE DATA TO	SAMPLE DATA LENGTH (meters)	RESULTS Zn (%)	RESULTS Pb (%)	RESULTS Ag (g/t)	RESULTS Fe (%)	RESULTS Other
0-16.46	Overburden													
16.46-24.45	Mod. fol., lt.-med. grey limestone; f.g., weakly micaceous.; fol. parallel to c.a. @ 17.07-17.47m. 18.02-18.37 : drk. grn. chloritic band (mafic dyke?) w. 15% angular biotite books 22.67-23.7 : clean, non micaceous limestone	Fol. @ 40-50°												
24.45-46.5	Med.- dk. grey, garnet-mica schist; minor calcareous bands; garnets pale, brownish, mottled, ragged, subhedral to 3.0 cm. (20%); mottled overall texture; 10% wht. qtz-carb bands; variably fol. 25.6-27.1 : micaceous, grey, fol. limestone. 37.0-37.6 : wht, qtz, carb. bands (80%) Fold axes @ 32.6, 34.5m.	Fol. @ 50°												
46.5-57.52	Med. - dk. grey limestone, wk.-mod micaceous; micaceous, calc. groundmass; rare flattened pink garnets; wht, qtz-carb band @ 52.34-52.58m. w. 50 ° contacts	Fol. @ 40°												
57.52-69.95	Mod. calc. garnet-mica schist, med. - dk. grey groundmass;pervasive 1-3mm anhedral dolomite porphyroblasts (10%); garnets, 0.5-2.0 cm., pale brwnish pink, subhedral (ragged rims); 1-5 cm. qtz-carb bands (5-10%)	Fol. @ 40°												
69.95-81.63	Lt.-med. grey limestone, f.g., banded, fol.; weakly micaceous w. narrow localized drk. mica bands; several minor fold axes	Fol. @ 50°												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
81.63-84.62	Mottled, garnet-cordierite-staurolite schist ; drk. micaceous groundmass w. 5-10% amorphous wht. 1-3mm. pophyroblasts, prob. dolomite; fol. indistinct. dk. grey oval cord.to 1.0 cm. (15%); greenish brwn anhedral staurolites (10%) mottled, ragged, pale pink garnets (15%)													
84.62-92.1	Staurolite-garnet-cordierite-biotite schist: drk. grey groundmass; bands of ellipsoidal cordierite to 1.0 cm.(10-15%); pink garnets, 0.5-2.0 cm., euhedral, weakly calc., green, 1-3mm. rounded staurolites (25%)	Fol. @ 40°												
92.1-98.75	Staurolite-cordierite-garnet-mica schist (20) (15) (10) -drk. groundmass, mottled,; 1-3mm. anhedral wht dol.(10%); garnets pale pink, ragged, subhedral to 2.0 cm.; fol. indistinct													
98.75-117.32	Cordierite-garnet-mica schist. -drk. grey groundmass, mottled, mod. calc.;banded, fol.; garnets sub-euhedral, pale brownish pink to 3.0 cm. (20%); cordierite patches and bands (30%); qtz-carb bands to 5.0 cm. (10%); several narrow micaceous limestone bands; mod. increase in qtz-carb. content @ 116.5-117.32m.; wk-mod. staurolite @ 113.2-114.5m.	Fol. @ 50°												
117.32-142.4	Banded, fol. lt. grey limestone, f.g.; localized minor cordierite bands; wht. qtz-carb bands (15-20%); increased phlogopite @ 118.9-121.22m.	Fol. @ 50°												
142.4-179.9	Garnet-cordierite-mica schist; dk. grey, micaceous, calc. groundmass, garnets pale brownish pink, 0.5-2.0cm., subhedral (10-15%); localized fracturing w. chlor.-carb coatings; qtz-carb bands up to 10cm. (10%) 152.6- talcose, slickenside surfaces. 165.25-165.75 - wht qtz band w. 5.0 cm. pale grn. inclusion.	Fol. @ 50°												
179.9-180.54	Mottled, f.g. grey to wht limestone													
180.54-183.75	Garnet- mica schist; as above at 142.4-179.9m. w. wk-mod. downward increasing silicification.													

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
183.75-184.42	Transition zone of mixed quartz-sericite schist bands (pale green) with micaceous chloritic schist. 183.87 - 2mm. po. band 183.94 - chloritized cordierite phorphyroblasts.													
184.42-190.3	Pale, greenish grey quartz- sericite schist; finely laminated; minor (1-2%) flattened pink garnets; trc. sulphide lamellae (py,po) ;broken w. lost recovery @189.28-190.1m (40%)	Fol. @ 70°				18532	188.52	190.15	1.63	10ppm	23ppm	0.2ppm		
190.3-190.42	Band of v.f.g. massive sulphide, consisting of laminated po.± py.,sph.; sharp contacts; contains 10% oval quartz eyes, 2-5 mm.	Contacts @ 60°				18533	190.15	190.43	0.28	1.86	0.52	6.86		
190.42-191.21	Grey, mottled dolomite, mod. silicified; wk. fract. fills of < 1%, lamellae py>sph> trc. ga. 190.8 - 7 cm. irreg. band of 40% granular py. with access. sph., po.					18535	190.43	191.21	0.78	1564ppm	802ppm	1.30ppm		
191.21-191.73	Dolomitic schist; med. grey,siliceous, fine-med. laminated, sharp contacts	Fol. @ 60°				18536	191.21	191.73	0.52	161ppm	84ppm	0.30ppm		
191.73-211.83	Siliceous, banded, biotite-garnet schist; strongly fol. and banded, alternate grey, cherty bands w. wispy biotite- garnet schist bands; numerous ,tight isoclinal folds; garnets typically flattened to anhedral, pink, to 0.5 cm. (<5%), occuring in sporadic, biotiferous bands; pelitic:chert (2:1) 192.94 - 7 cm. band of grey dolomite, shp contacts, mod.-srongly brkn @ 200.9-206.04m.	Fol. @ 60°				18537	191.73	192.43	0.70	47ppm	17ppm	0.20ppm		
211.83	End of hole													

TECK EXPLORATION LTD.

BEND PROPERTY | **PROJECT #1723** | **HOLE NO. TK-92-12** | **PAGE: 1 of 3**

NTS:	92J/10W	**DATE COLLARED:**	7/09/92	**DEPTH**	**DIP**	**AZ**	**LENGTH:**	306.9m
CLAIM:	BEND 5	**DATE COMPLETED:**	13/09/92	0	-70°	90	**DEPTH OF OVB:**	9.75m
ELEVATION:	885m	**DATE LOGGED:**	13/09/92	128.01	-74°	90	**CASING REMAINING:**	9.75m
GRID COORD:	12+78N, 3+88E	**CORE SIZE:**	NQ	304.8	-75°	90	**WATERLINE LENGTH:**	200m
LOGGED BY:	C.A.						**PROBLEMS:**	

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
0- 9.75	Overburden													
9.75- 11.8	Calcareous Biotite Schist. Core broken and ground water stained.													
11.8- 17.67	Thinly bedded, light grey Limestone. Beds 1-3mm.	Fol @10°												
17.67- 20.88	Calcareous Garnet-Biotite Schist. Garnets pale pink and anhedral. Upper & lower contacts of unit sharp.	Fol @10°												
20.88- 28.36	Light grey, micritic Limestone. Qtz-carb bands from 24.32-25.02m.	Fol @12°												
28.36-46.25	Grey, wkly banded, Micaceous Limestone.	Fol @10°												
46.25- 77.53	Brown-grey, calcareous Biotite Schist with minor Qtz-carb bands and limestone interbeds. Inclusion of minor dolomite porphyroblasts toward bottom of unit.													
77.53- 80.3	Grey-brown, calcareous Garnet-Biotite Schist.	Fol @25°												
80.3- 91.81	Thinly bedded, grey micritic Limestone.	Fol @40°												
91.81- 124.66	Interbedded and intercalated calcareous Biotite Schist and Micaceous Limestone. Beds of both units vary from 3mm-1m. Chlorite occurs locally within some calc. biotite schist units. Kyanite observed @117.1m.	Fol @30-35° F.A. @113.4, 114.3m.												
124.66- 138.7	Grey, Micaceous Limestone with 1-6cm Qtz-carb banding. Trace grey anhedral cordierite. Fe-carb alteration from 127.46-128.71m. Mod. brecciation and possible fault from 138.43-136.7m.	F.A. @126.2 128, 129.84, 131.2m.												

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
138.7-146.33	Micaceous Limestone with minor interbedded calcareous Biotite Schist, 1-10cm Qtz-carb bands locally. Lower 40cm of unit contains drk grey elliptical cordierite.	Fol @40°												
146.33-164.48	Banded, light grey Limestone with minor cordierite and biotite bearing layers. Section from 158.6-159.52m unit possesses mottled appearance and 0.5-1.0cm drk calc. fragments.	F.A. @158.1 160.54m.												
164.48-190.31	Wkly banded, Cordierite-Garnet-Biotite Schist with prph-blasts of dolomite and amphibole (?). Garnets ragged, cord. elliptical with p.d.o. toward fol. Qtz-carb bands from 187-167.16, 180.99-181.34, 183.17-184.45, 187.79-188.25, 188.41-189.01m. From 184.48-187.79 grey-blue prismatic kyanite and small subhedral green amphibole porphyroblasts occur. Garnets darker in colour from 189.35-190.1m. Brecciated and broken rubbly section from 173.37-174.33m (possible fault).	Fol @40-55°			minor Py & Po									
190.31-220.05	F.g., grey to light grey, Limestone with minor interbedded siliceous limestone and Qtz-carb bands. Interbed of calc. garnet-cord.-biotite schist from 195.06-196.73m. Qtz-carb rich area from 191.3-193.83m. Mic. limst & calc. garnet-biotite schist interbeds from 199.9-201.31, 214.03-217.11m.	F.A. @200, 200.44. Minor folds from 207.64-209.34m.												
220.05-235.9	Calcareous Garnet-Biotite Schist with minor cordierite. Garnets tend to be brown-red, euhedral to subhedral and large.	F.A. @226.66, 231.66m.												
235.9-242.28	Wkly calc. to non-calc. Garnet-Cordierite Schist. F.g. groundmass. Minor interbeds of limestone.	Fol @60°												
242.28-245.19	Calcareous Sericitic Garnet-Cordierite Schist. Sericite % increases from 243.9 to bottom of unit. Garnets are pale pink and cord. show retrograde effects.													
245.19-271.12	Waxy, yellow-grey Quartz-sericite Schist. Increased pelitic content within unit from 247.24-248m. Qtz bands (veins) from 246.68-246.94, 248.34-248.44m. Remobilized galena observed within quartz. Massive Po band from 248.56-248.71m.				Py & Tourmaline on Fol. surfaces.	18545 18546 18547 18548 18549	248.52 267.76 268.56 269.59 270.12	248.71 268.56 269.59 270.12 271.21	0.19 0.80 1.03 0.51 1.09	1.42 293ppm 74ppm 87ppm 16030ppm	0.36 64ppm 43ppm 63ppm 1557ppm	6.86 0.2ppm 0.1ppm 0.3ppm 5.3ppm		

DEPTH (meters) FROM/TO	DESCRIPTION	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH (meters)	RESULTS Zn (%)	Pb (%)	Ag (g/t)	Fe (%)	Other
271.12-293.83	Mineralized Dolomite Horizon Banded to thinly laminated grey dolomite from 272.61-273.46 (with minor Mag), 276.7-277.06 (minor biotite), 280.17-281.25, 285.06-285.21, 291.2-293.81 Mottled to weakly brecciated dolomite from 271.12-271.45, 274.98-275.25, 275.57-275.67, 277.65-278.07, 278.73-280.17, 286.38-290.0 Moderately brecciated dolomite with stockwork-like Po and Py from 274.62-274.98, 286.65-286.38 Bands of coarse Py within dolomite from 273.58-273.88, 277.06-277.65, 281.25-285.06 Bands to thin laminations of f.g. dark pelitic material with garnets within dolomite from 271.99-272.61 Massive band of coarse Py with minor Sph from 275.45-275.57, 278.07-278.73 Massive band of fine grained Po with lesser Sph from 285.21-285.58, 285.58-286.65 (folded bands within laminated dol), 290.0-290.1 Mottled weakly siliceous dark grey dolomitic unit with biotite ±chlorite from 271.45-271.99, 273.88-274.62 (diss. Po), 275.25-275.45 (porph Mag), 275.67-278.31 ('dioritic'), 278.31-278.7 (protogneissic), 290.1-291.2 V.f.g. purplish siliceous unit from 273.46-273.58					18550 18551 18552 18553 18554 18555 18556 18557 18558 18559 18560 18561 18562 18563 18564 18565 18566 18567 18568 18569 18570 18571 18572 18573 18574 18575 18576 18577 18578 18579 18580 18581	271.21 271.99 272.64 273.58 273.88 274.62 275.45 276.10 276.70 277.25 278.07 278.91 279.36 279.96 280.41 281.25 282.28 282.90 283.35 283.73 284.38 285.08 285.78 286.43 287.10 287.46 288.79 289.85 291.22 291.73 292.13 293.05	271.99 272.64 273.58 273.88 274.62 275.45 276.10 276.70 277.25 278.07 278.91 279.36 279.96 280.41 281.25 282.28 282.90 283.35 283.73 284.38 285.08 285.78 286.43 287.10 287.46 288.79 289.85 291.22 291.73 292.13 293.05 293.83	0.78 0.65 0.94 0.30 0.74 0.83 0.65 0.60 0.55 0.82 0.84 0.45 0.60 0.45 0.84 1.03 0.62 0.45 0.38 0.65 0.70 0.70 0.65 0.67 0.36 1.33 1.06 0.37 0.51 0.40 0.92 0.78	0.58 1.76 0.40 0.72 0.16 0.50 0.82 0.90 0.56 1.04 0.62 0.46 1.56 0.25 1.06 0.22 0.46 0.04 0.50 0.42 0.04 5.10 0.90 2.26 0.30 0.16 0.54 2.48 0.74 2.22 0.34 2072ppm	0.08 0.16 0.24 0.22 0.12 0.08 0.20 0.16 0.18 0.26 0.16 0.20 0.18 0.04 0.20 0.06 0.20 0.04 0.04 0.10 0.02 1.34 0.14 0.10 0.06 0.02 0.10 0.38 0.22 0.14 0.01 196ppm	1.37 3.43 4.12 3.43 2.06 1.37 2.06 1.03 4.12 5.49 4.80 6.17 4.60 0.34 4.12 1.37 4.12 1.37 1.37 2.06 0.34 10.96 1.37 2.74 2.06 0.69 2.06 4.12 2.74 2.74 0.69 0.4ppm	26.8 23.3 18.4 38.4 25.2 29.8 27.9 20.3 15.1 32.4 	
293.83-294.3	Yellow-grey, well fol, Dolomitic-Sericitic Schist. Upper dol. unit grades into this unit.				Minor Py on fol. surfaces.	18582	293.83	294.30	0.47	66ppm	49ppm	0.1ppm		
294.3-308.9 E.O.H.	Siliceous Pelitic Sericitic Schist.					18583 18584	294.30 295.85	295.65 297.06	1.35 0.41	2392ppm 330ppm	278ppm 187ppm	0.1ppm 0.2ppm		

APPENDIX F

Petrographic Studies

TK 92-2
Massive sulphides

Summary description
Groundmass of sulphides among rounded, irregular anhedral and subhedral grains of gangue. Cut by a quartz veinlet.

Sulphides consist of an almost continuous groundmass of pyrrhotite (35%) abundantly flecked (sieve texture) by minute irregular sphalerite (20%) grains and irregular clusters of grains forming a very fine sieve texture (see note below). There are minor scattered coarser fracture controlled irregular grains and fracture controlled discontinuous networks of sphalerite in quartz gangue. Galena (4%) occurs as scattered irregular clusters, generally coarser than sphalerite, in pyrrhotite. Very minor chalcopyrite (<1%) as small irregular clusters of grains. Disseminated subhedral pyrite (>1%)

Note: If this sample is representative, milling to a very fine grain-size would be required to liberate sphalerite.

Gangue consists of rounded "eyes" and very fine grains of quartz, lesser rounded and irregular clusters and very fine grains of carbonate (dolomite) and subhedral prismatic amphibole grains with preferred orientation. Traces of garnet clusters with carbonate and trace of rounded zircon(?) grains were noted in quartz.

Microscopic description

Transmitted light
Gangue approximately 40%

Quartz; 20%, anhedral (<.05 to 1.0 mm). As rounded grains to (>4.0 mm) composed of interlocking granules with strained and varied extinction orientation resulting from shear. Disseminated, forming sieve texture with sphalerite and carbonate in pyrrhotite. Ragged margins rimmed by clusters of minute grains of quartz, biotite, chlorite and amphibole. Crackles contain irregular clusters of biotite, chlorite, sphalerite, pyrrhotite, pyrite. One grain unconfirmed tourmaline.

Carbonate; 15%, anhedral, (microgranular to 0.5 mm). Subrounded and irregular ragged grains. Disseminated, forming a sieve texture with quartz, sphalerite in pyrrhotite.

Amphibole; 5%, anhedral/subhedral (<.05 to 2.0 mm, most grains <0.5 mm). Isolated grains with preferred orientation disseminated throughout sulphide groundmass. Also clusters of minute grains with biotite, chlorite, (garnet) at margins of quartz grains. Inclined extinction. Few grains show characteristic cleavage.

Tourmaline(?); trace, anhedral (0.1 mm). One grain in quartz.

Garnet(?); <1%, anhedral (<.05 to 0.1 mm). Small irregular clusters in quartz gangue and small grains at margins of quartz grains. Widely disseminated grains in sulphide groundmass. Isotropic, moderate to high(+) relief.

TK 92-2 Continued

Biotite; <<1%, anhedral (<.05 mm). As irregular laths, clusters of laths at margins and in fractures in quartz grains. Associated with chlorite.

Reflected light
Opaques 60%

Pyrrhotite; 35%, anhedral (<.01 to 0.1 mm). Aggregates of grains forms a near continuous groundmass among gangue and sphalerite grains.

Sphalerite; 19%, anhedral (microgranular to 0.1 mm) Disseminated grains, irregular clusters of grains associated with very fine gangue forming a sieve texture in pyrrhotite groundmass.

Galena; 4%, anhedral (<.01 to 0.2 mm). Scattered irregular blebs in pyrrhotite.

Pyrite; >1, subhedral/euhedral (<.05 to 0.3 mm, most grains <0.1 mm). Disseminated grains clusters of grains.

Chalcopyrite; <<1%, anhedral, (<.05 to 0.1 mm), widely scattered clusters of irregular grains associated with galena in pyrrhotite.

TK 92-4 61.9 m
Sheared metasediment with dolomite overprint

Summary description
Original textures are obliterated by shearing of the groundmass, by early biotite/garnet porphyroblasts and by a later(?) overprint of dolomite porphyroblasts. The groundmass is composed of interlocking grains and lensoidal aggregates of plagioclase, quartz and minor ragged, colourless amphibole remnants. There is intermixed biotite both as ragged foliated clusters and as less deformed irregular clusters of coarser grains. In addition there are minor broken (dislocated) coarse garnet porphyroblasts weakly felted muscovite and a few grains of unconfirmed staurolite.

Abundant medium to coarse grained relatively undeformed clusters (porphyroblasts) of carbonate (dolomite) are superimposed on the above. The carbonate has a weak sieve texture of small quartz, some plagioclase(?), lesser biotite grains and very minor loose felted muscovite grains. Although the carbonate porphyroblasts are less deformed than minerals comprising the groundmass there is some local crushing and weak foliation.

There is varied intensity of sericitic alteration of plagiclase and chloritic alteration of amphibole and biotite.

Opaques, which constitute about 8%, are mainly fracture/crackle breccia void controlled although smaller grains are disseminated, particularly in carbonate. A polished thin section is required.

Veins carbonate (effervesces in cold H Cl)

Microscopic description

Plagioclase; 20%, anhedral (<.05 to 0.3 mm). Interlocking irregular grains, lensoids of aggregates of grains intermixed with quartz and ragged biotite. Varied intensity of sericitic alteration. Shear foliation. Some grains with conspicuous polysynthetic twinning indicating composition in andesite range.

Quartz; 15%, anhedral (<.05 to 0.3 mm). Interlocking irregular grains/lensoids of aggregates of grains intermixed with plagioclase and ragged biotite. Inclusions in carbonate.

Biotite; 25%, anhedral , (<.05 to >2.0 mm). Occurs as ragged clusters of deformed fine grains following shear foliation in plagioclase/quartz groundmass and as clusters of coarse warped grains. Varied intensity of chloritic alteration, finer sheared fraction more intensely altered. Contains irregular patches of remnant altered amphibole.

Amphibole; 5%, anhedral (<.05 to 0.5 mm). Irregular grains. Partial replacement by carbonate and chlorite. Pale green/colourless pleochroism. Characteristic cleavage pattern. Partial chloritic alteration.

TK 92-4 Continued

Accessories

Staurolite(?); <1%, anhedral (<.05 to >1.0 mm). Irregular prismatic grains. Associated with garnet. Lacks the abundant quartz inclusions commonly associated with staurolite. Pale yellow colour, pleochroism present but not distinct as anticipated for staurolite moderately high (+) relief. Low birefingence. No conspicuous cleavage (+) elongation. Biaxial(+?) Large 2 V. Yellow in colour and lacks anomalous birefringence of clinozoisite.

Garnet; <1%, anhedral (<.05 to >4.0 mm). Broken/dislocated fragments of coarse grained porphyroblasts. Veined by biotite, chlorite and opaques. Contains abundant quartz blebs.

Porphyroblasts

Carbonate (dolomite); 20%, anhedral/subhedral (<.05 to >3.0 mm). Forms amorphous relatively undeformed, clots. Appears to be a late overprint. Contains abundant small quartz and lesser biotite grains. Confirmed optically but also gives weak effervescence in cold H Cl.

Alteration

Chlorite; 5%, anhedral, (microgranular to <.05 mm)
Alteration of biotite/amphibole. Felted masses among biotite, carbonate and amphibole.

Sericite/muscovite; 2%, anhedral (<.05 to >1.0 mm). Clusters of loosely felted blades.

Opaque; 8%, anhedral (<.01 to 0.5 mm). Some dissemination but mainly fracture (crackle breccia) controlled.

APPENDIX G

Geophysical Report

PACIFIC GEOPHYSICAL LIMITED

REPORT ON THE

TIME DOMAIN ELECTRO-MAGNETIC SURVEY

ON THE

BEND PROJECT

GOLDEN MINING DIVISION, B.C.

FOR TECK EXPLORATION LTD.

BY

PAUL A. CARTWRIGHT, P. Geo.

GEOPHYSICIST

TABLE OF CONTENTS

1. INTRODUCTION

Surface and borehole time domain electro-magnetic (TDEM) surveying have been completed on the Bend Project on behalf of Teck Exploration Ltd. by Pacific Geophysical Ltd.

The Bend Property is located approximately 120 kilometers north-west of Golden, British Columbia, on the east side of Kinbasket (McNaughton) Lake. Access to the property is by logging road to either Bush Harbour or Sullivan River Camp and then via barge to the Tsar Creek Logging Camp.

Previous work in the area consisted of geological mapping, soil sampling, and diamond drilling.

The objective of the present (June/July 1992) surface TDEM survey was to map the extent of the massive sulphide horizon seen in the walls of the Cummins River canyon and intersected in previous diamond drill holes. The present (July 1992) borehole EM surveys were carried out in 2 holes primarily to test for the possible presence of conductive mineralization located close to, but not actually intersected by the holes in question. Both of these holes were drilled in July 1992. Plastic casing was used in one of the holes to insure that the holes were accessible for the downhole work.

2. SURVEY SPECIFICATIONS

The surface TDEM measurements were made at 25 meter intervals, with the exception of Line 22+00N (north of Cummins River) which used 50 meter readings. Downhole survey work used a 20 meter reading interval from the surface to a point mid-way down the hole, and then a 10 meter interval until reaching the vicinity of the intersected mineralization, whereupon readings were taken every 5 meters.

Relatively large transmitter loops were employed to make the surface measurements. A typical loop size was 600m X 800m. In every case the loops were placed over the hanging wal side of the hoped-for conductor to increase coupling with a relatively shallow dipping target. The borehole program use four 200m X 200m loops to energize each of DDH TK-92-1 in order to better ascertain the direction from which any anomalous response originated from. DDH TK-92-2 was surveyed from a single 200m X 200m loop centered on the dril collar.

3. INSTRUMENT SPECIFICATIONS

A Crone Digital Pulse EM system was used to make both the surface and borehole measurements. This time domain electromagnetic (TDEM) method employs an alternating pulsed primary current, with a controlled shutoff ramp, connected to a closed loop of wire (transmitter loop) laid on the surface. Typical loop currents were in the order of 8 amperes. The rate of decay of any induced secondary field is then measured across a series of time windows during the off time of the waveform, using a small portable receiving coil connected to the receiver unit. The receiver coil was moved along survey lines located both inside the loop and to the east of the transmitter loop. Two components were measured at each station; X - horizontal and Y - vertical. As much of the survey area consisted of moderately to steeply inclined west facing slopes, the receiver components were measured approximately parallel (X comp.) and perpendicular (Z comp.) to the average slopes. Transmitter On time was 16.66ms, with a turnoff 'ramp' of 1.0ms. Twenty receiver channels were recorded at every station, yielding a total measurement interval of 77 micro-sec. to 14.5 milli-sec.

It should be noted that, in every case, the so-called DEEPEM convention was used with regard to the sign of the response. This results in the primary field being signed negative (downwards) in the center of the loop, for both the surface and borehole work.

The downhole surveys measured a single component, parallel to the long axes of the drill holes.

4. DISCUSSION OF RESULTS

I) Surface Surveys

The TDEM ground survey was conducted concurrently over both the Bend Property and the MGM claim group.

South of the Cummins River, TDEM surveying was completed over Line 6+00N to Line 2+00S. Three loops were utilized to make the measurements, with eastern edges of all loops being positioned along the 125° baseline. The western edges of all of the loops were along the western limit of the grid lines (lower road).

Two transmitter loops were used to survey the grid north of the Cummins River, with the eastern loop edges coincident with the 5+00E tieline and the western loop edges lying along the 140° baseline.

While there is a wide range of magnitudes evident in the secondary field data collected on the various TDEM lines, all exhibit the same basic signature; X component data display prominent cross-

overs from negative to positive as one moves from west to east, while Z component data are marked by well defined negative troughs, which eventually cross over to lower magnitude positive values as one moves further eastward. There does not appear to be any significant amount of overburden or conductive half-space response in the TDEM data set. This is consistent with a very resistive terrain, covered with only a sporadic, thin, poorly conducting overburden layer. The exception is the southern part of the grid north of Cummins River where the effects of a somewhat thicker overburden layer can be seen, as evidenced by an elevated channel one response.

Conductive thin plate modelling confirms that the above signature is indicative of a conductive plate dipping in the order of 20°-50° towards the west under the loop(s). The model data included with this report (Figure 1:X component & Figure 2:Z component) is not specific to any particular line profile, however, it was computed to model, in a general way, the high magnitude data outlined on the grid north of Cummins River - Lines 13+00N, 14+00N, 15+00N & 16+00N, show similar high magnitude values and the same characteristic curve shapes. As depth to the target has the most influence on the measured amplitudes, given roughly similar loop sizes and currents, it would appear that the target is closest to the surface in the region of Lines 13+00N, 14+00N, 15+00N & 16+00N. The modelling, which closely approximates the field data, used a plate buried 100 meters at it's upper edge and dips 25° from the slope horizon towards the west. As this model does not take into account the topographic slope, one must add the average topographic slope to the model dip to obtain the true dip from the horizontal. The target appears to plunge slowly towards the north of Line 16+00N.

In the case of the area surveyed south of Cummins River, anomalous results occur in the data recorded from Lines 4+00N to 2+00S, an area where diamond drill holes have intersected the massive sulphide horizon. In general, it seems that within this area the target is relatively shallow (probably in the order of 200 meter sub-surface as a minimum) and relatively uniform.

Also evident in the computed models is the fact that the position of the upper edge of the conductive plate is closely marked by the positive peak of the X component curves and also by the west to east, negative to positive cross-over of the Z component curves. Using this information, one is able to map the approximate position of the upper edge of the conductive sheet. If the sheet has a shallow enough dip and a large enough depth extent, the position of the downdip edge can also be estimated, primarily from the location of the X component negative maximum.

By using the above techniques, on can definitely outline the upper edge of the conductor detected both north and south of Cummins River.

PACIFIC
CRONE GEOPHYSICS Limited
Conductive Thin Plate Modelling

GRID GENERAL MODEL
25° Dipping Plate

User : Crone Geophysics Ltd.

System: Crone Digital Pulse EM
File : mgm5.syn

Scale: 1:5000

Unit Scale: Compressed Lin-Log

X - Component

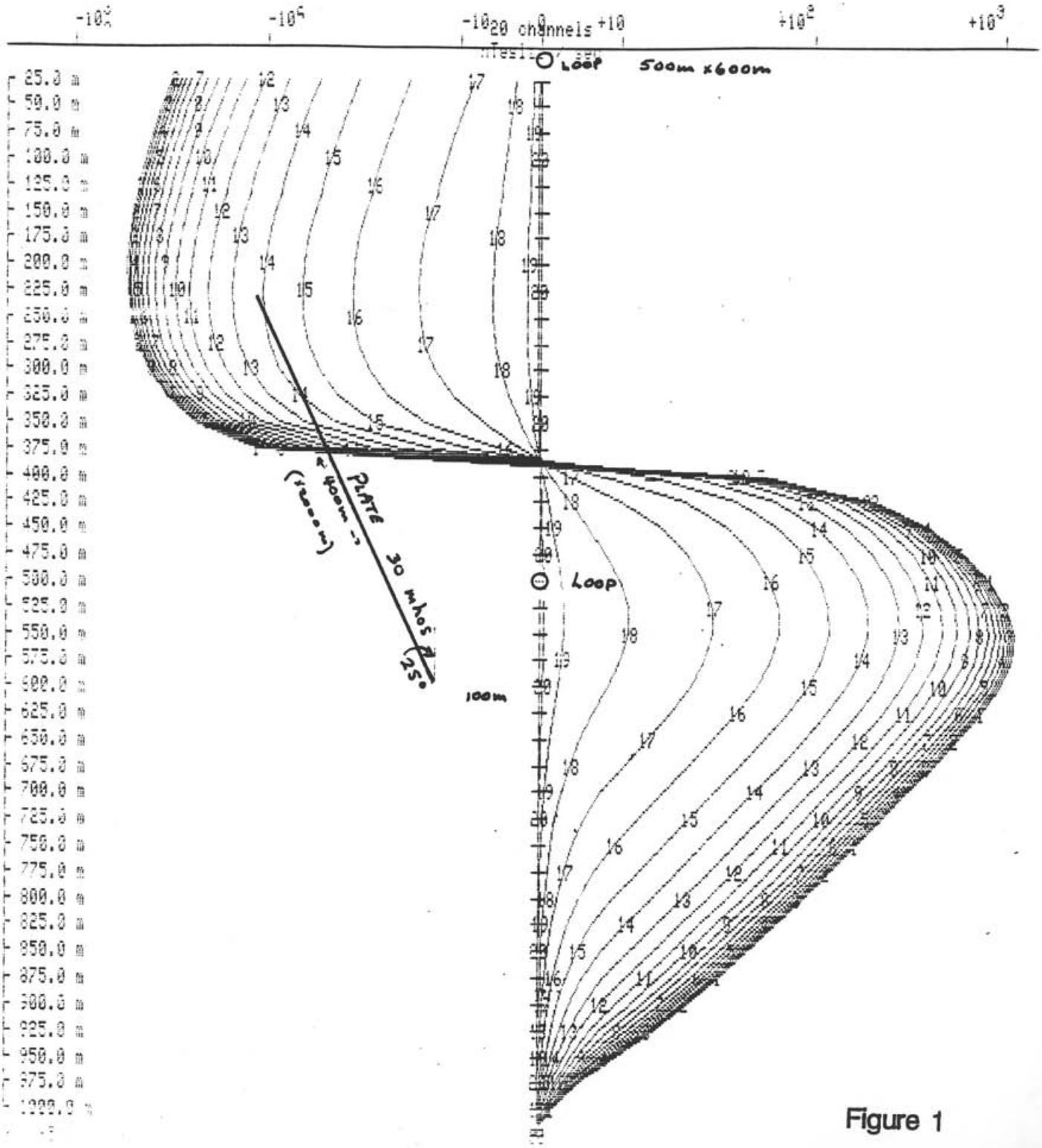


Figure 1

PACIFIC [redacted] GEOPHYSICS Limited

Conductive Thin Plate Modelling - GRID GENERAL MODEL

25° Dipping Plate

User : PACIFIC ~~Crone~~ Geophysics Ltd.

System: Crone Digital Pulse EM

File : mgm5.syn

Scale: 1:5000

Unit Scale: Compressed Lin-Log

Z - Component

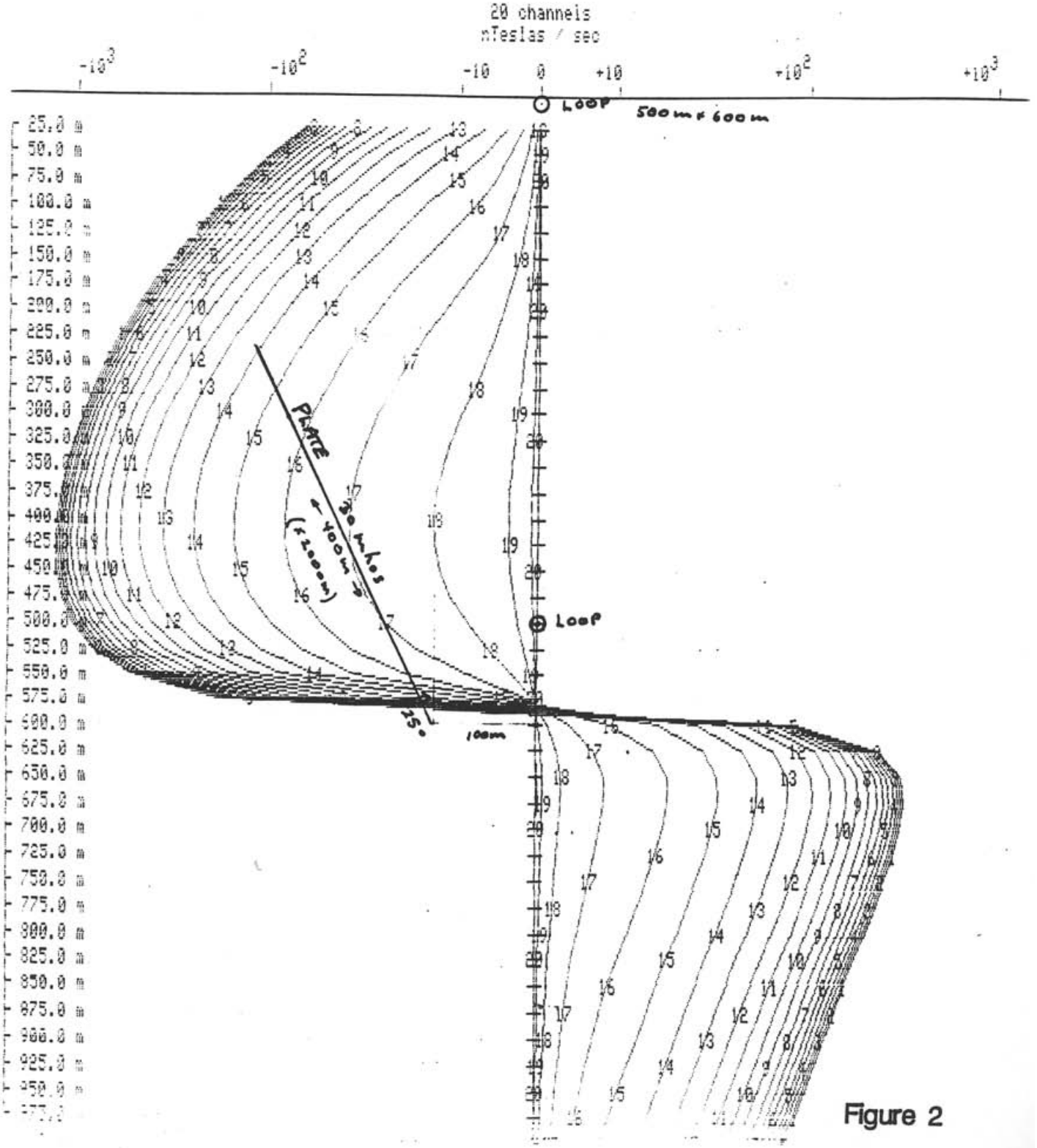


Figure 2

II) Borehole Surveys

Two diamond drill holes were surveyed using the downhole TDEM technique; DDH TK-92-1 and TK-92-2.

Four separate 200 meter X 200 meter transmitter loops were positioned around DDH TK-92-1, with one loop roughly centered on the hole collar and the other three each having one common edge with this central loop in the northern, eastern and southern quadrants.

TK-92-2 was surveyed from a single 200m X 200m loop centered on the drill collar.

As would be expected, there is good correlation between the mineralization intersected in the holes and the measured downhole logs. No significant off-hole response is interpreted to be present in the data recorded from both holes.

5. CONCLUSIONS

Surface and downhole TDEM surveys have been carried out on the Bend Project as part of an on-going program to further define massive sulphide mineralization initially discovered in the Cummins River canyon.

Model studies of the TDEM results indicate that a conductive sheet-like body, having a dip in the range of 20° to 50° and burial depth in the order of 100 meters or more, is the primary source of the anomalous EM results.

Therefore, the surface TDEM survey has outlined the downdip extension of the sulphide zone. The near-surface mineralization is apparently not conductive enough or thick enough to be detected with EM methods. At some pint downdip, however, the mineralization becomes thick enough, and/or well enough connected to give rise to a surface EM response. This effect is best seen in the data from the southern part of the grid north of Cummins River, where very high magnitude EM anomalies are detected in the TDEM data.

6. RECOMMENDATIONS

Drilling should be carried out to test the TDEM zone outlined north of Cummins River, particularly in the region of Lines 14+00N, 15+00N and 16+00N, in the vicinity of stations 6+50E to 5+50E.

APPENDIX I

Statement of Qualifications

CERTIFICATE

I, Paul A. Cartwright, of the City of Vancouver, Province of British Columbia, do hereby certify:

1. I am a geophysicist residing at 4238 West 11th Avenue, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia, with a B.Sc. degree (1970).

3. I am a member of the Society of Exploration Geophysicists, the European Society of Exploration Geophysicists and the Canadian Society of Exploration Geophysicists.

4. I have been practising my profession for 22 years.

5. I am a Professional Geophysicist licensed in the Province of Alberta, and I am a Professional Geoscientist registered in the Province of British Columbia.

Dated at Vancouver, British Columbia this 11th day of August, 1992.

Paul A. Cartwright

Paul A. Cartwright, P. Geo.

CERTIFICATE

I, Michael J. Cormier, of the City of Vancouver, Province of British Columbia, do hereby certify:

1. I am a geophysicist residing at 5512 Kings Road, Vancouver, British Columbia.

2. I am a graduate of McGill University, Montreal, Quebec with a B.Sc. degree (1981).

3. I have been practising my profession for 10 years.

4. I have no direct or indirect interest, nor do I expect to receive any interest, directly or indirectly, in the property or securities of Teck Explorations Ltd. or any affiliates.

5. Permission is granted to use in whole or in part for assessment and qualification requirements but not for advertising purposes.

Dated at Vancouver, British Columbia this 11th day of August, 1992.

Michael J. Cormier per

Michael J. Cormier, B.Sc.

APPENDIX II

Data Sections

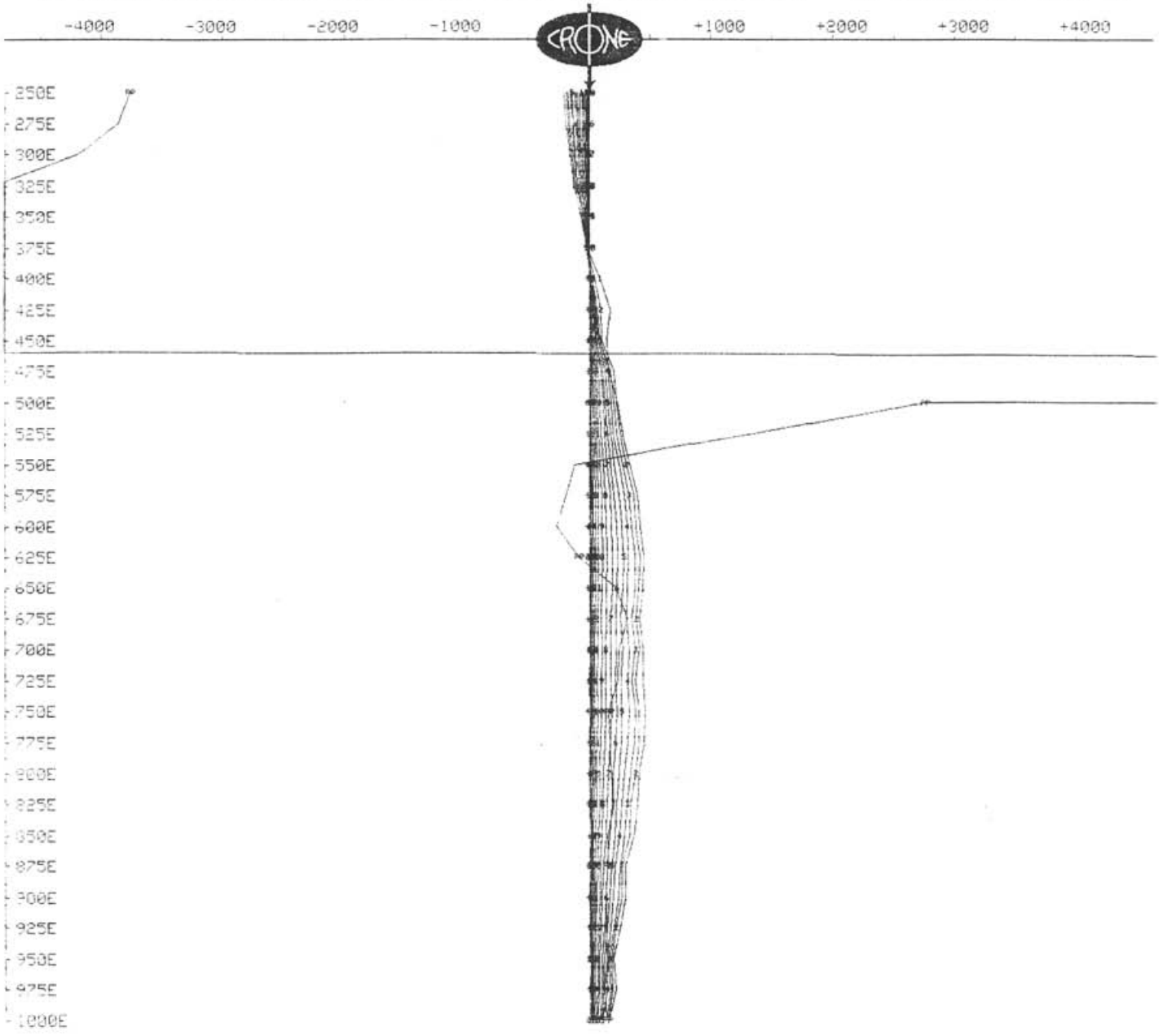
Surface Pulse E.M.

Linear and Log Plots

CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L2200N
Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 24, 1992
Ramp Time	: 1.00 ms	File	: L2200N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

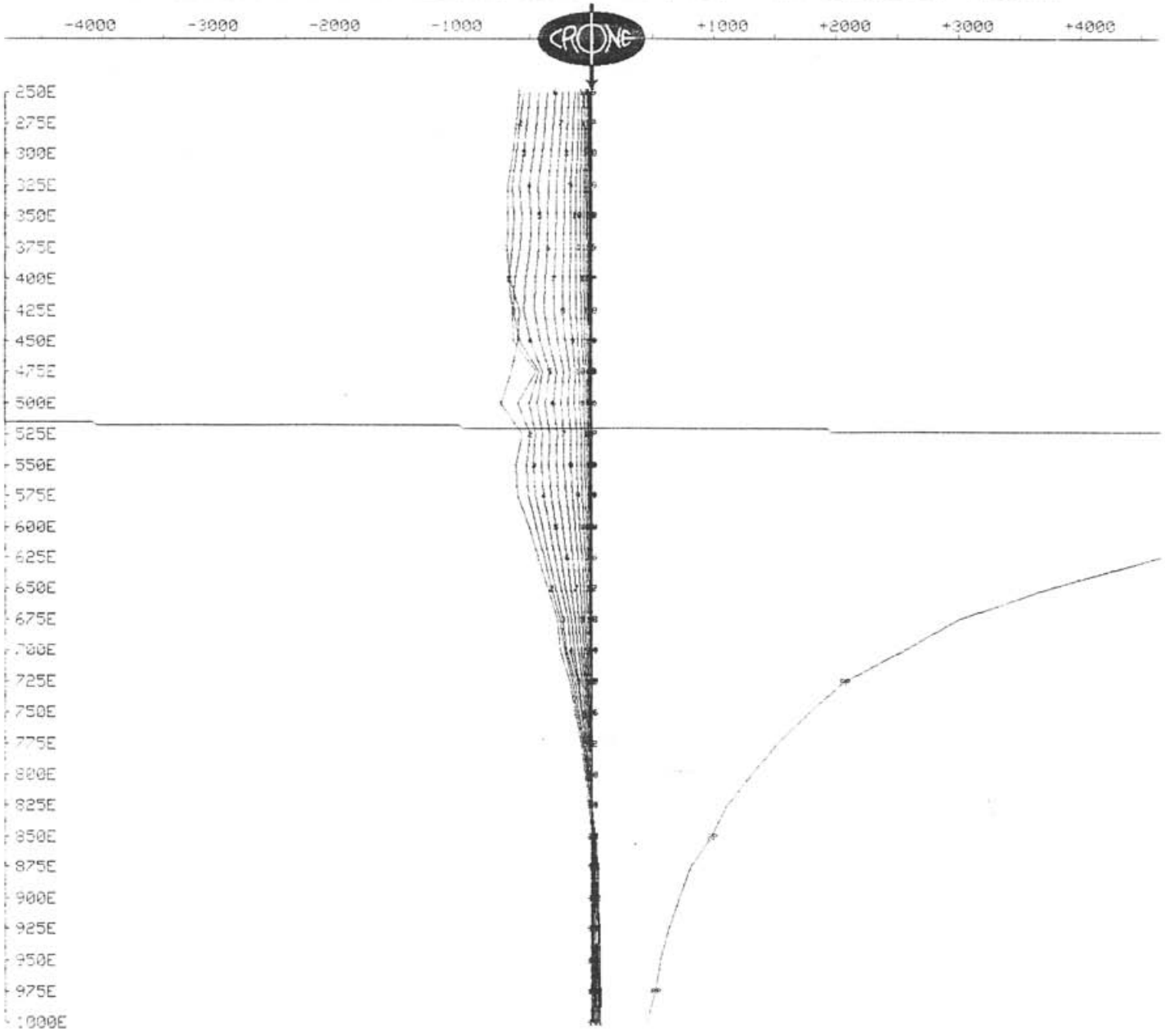
IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L2200N
Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 24, 1992
Ramp Time	: 1.00 ms	File	: L2200N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L2200N
Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 24, 1992
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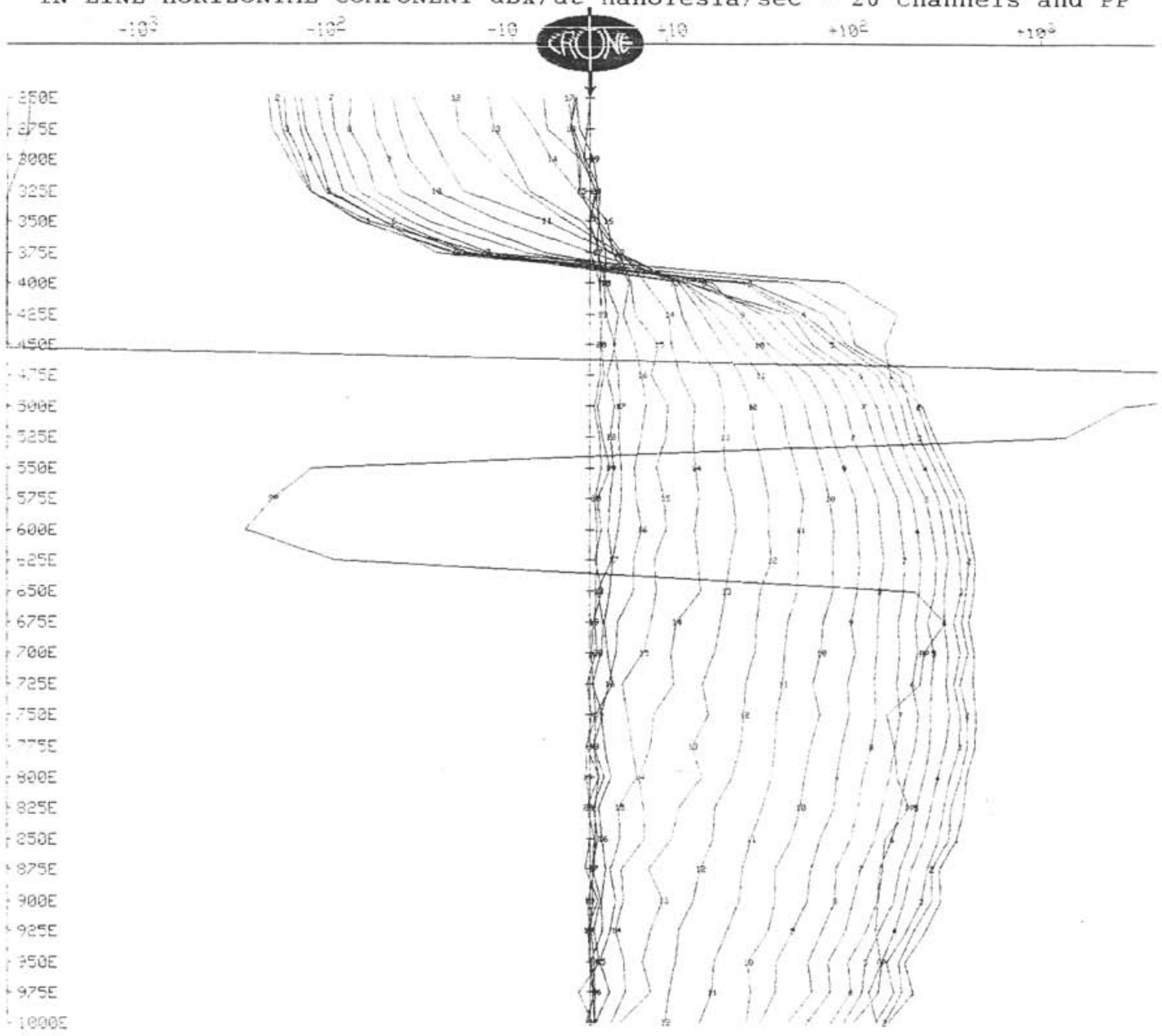
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 24, 1992
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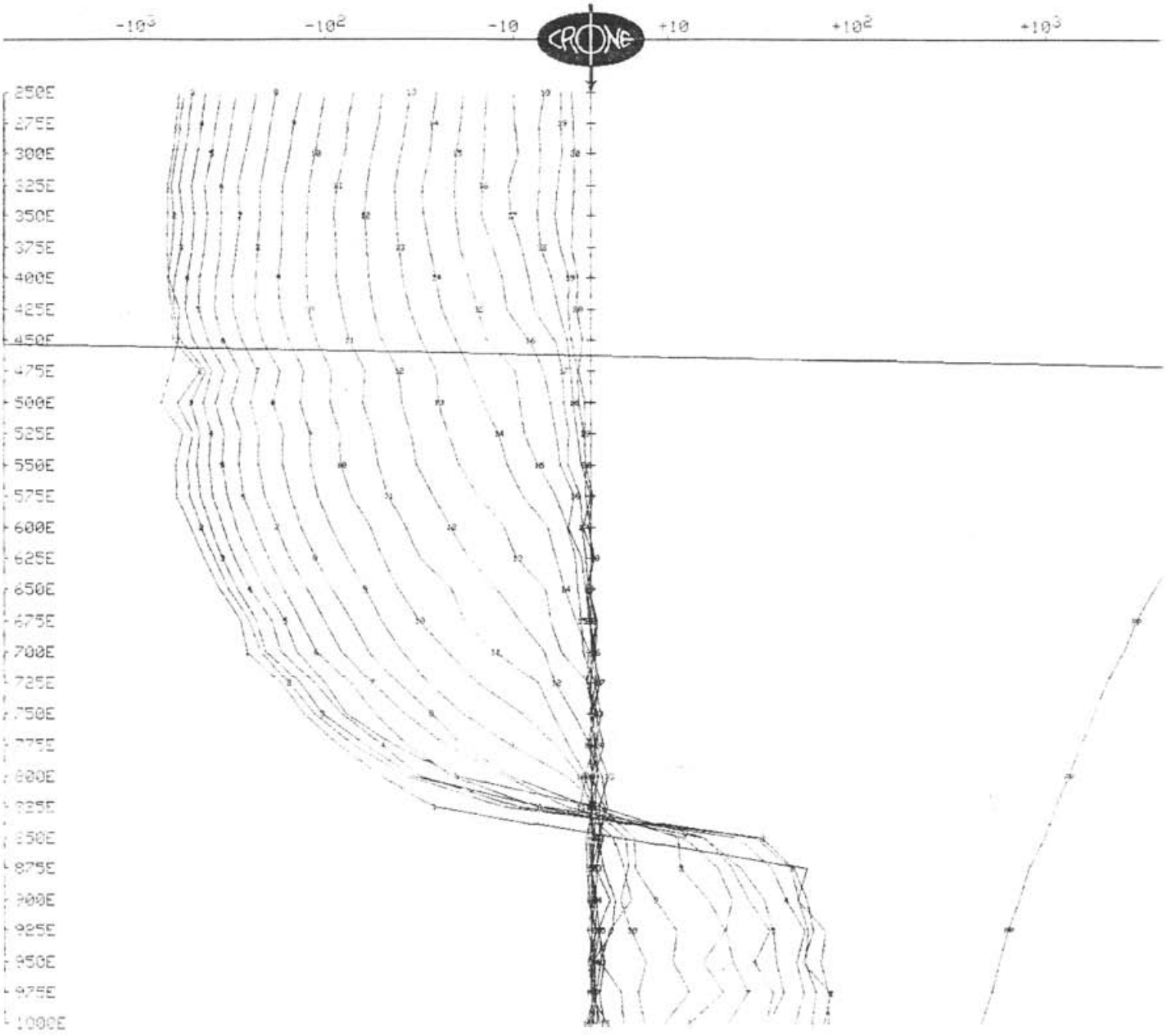
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

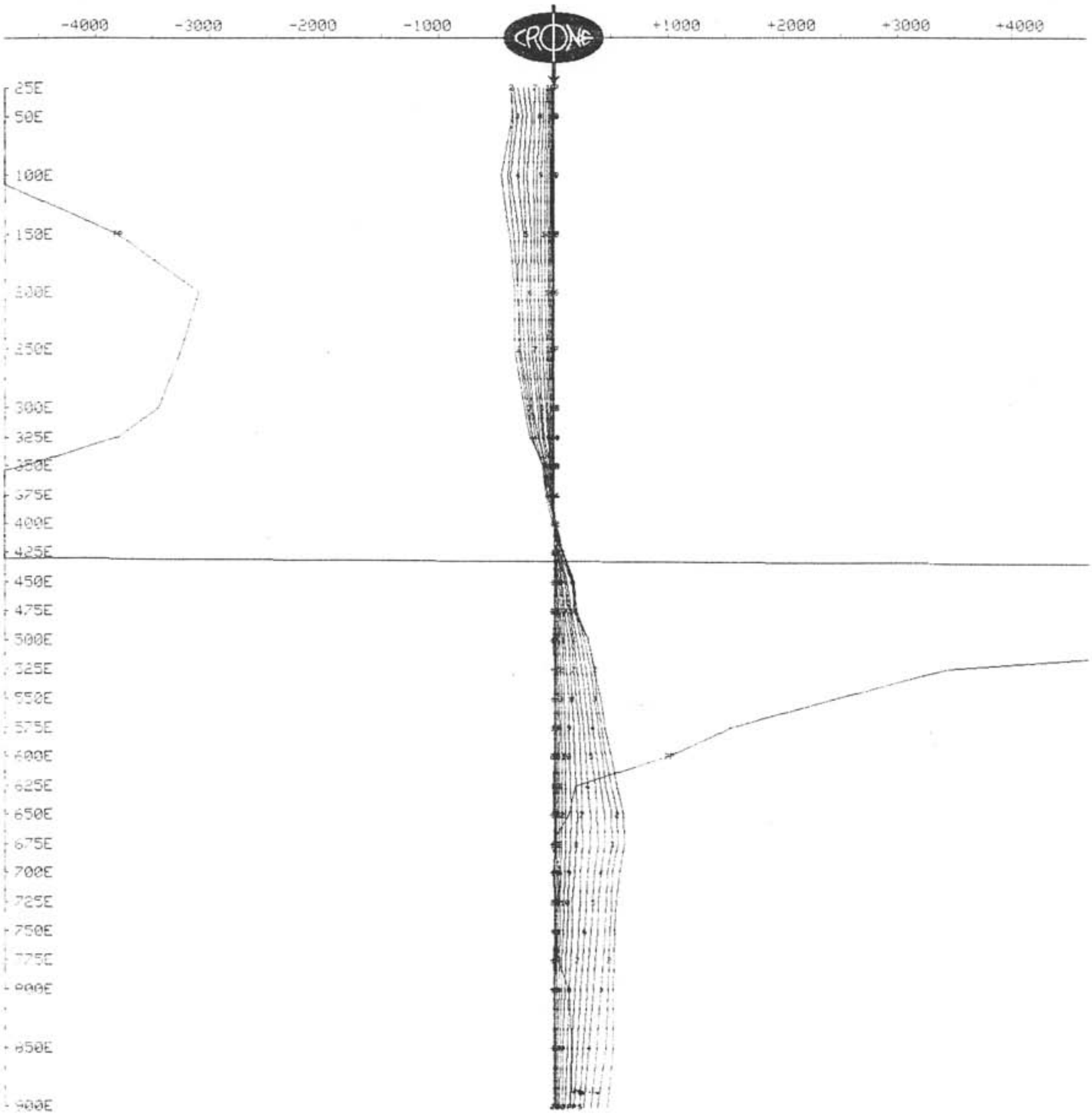


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L2000N
Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 23, 1992
Ramp Time	: 1.00 ms	File	: L2000N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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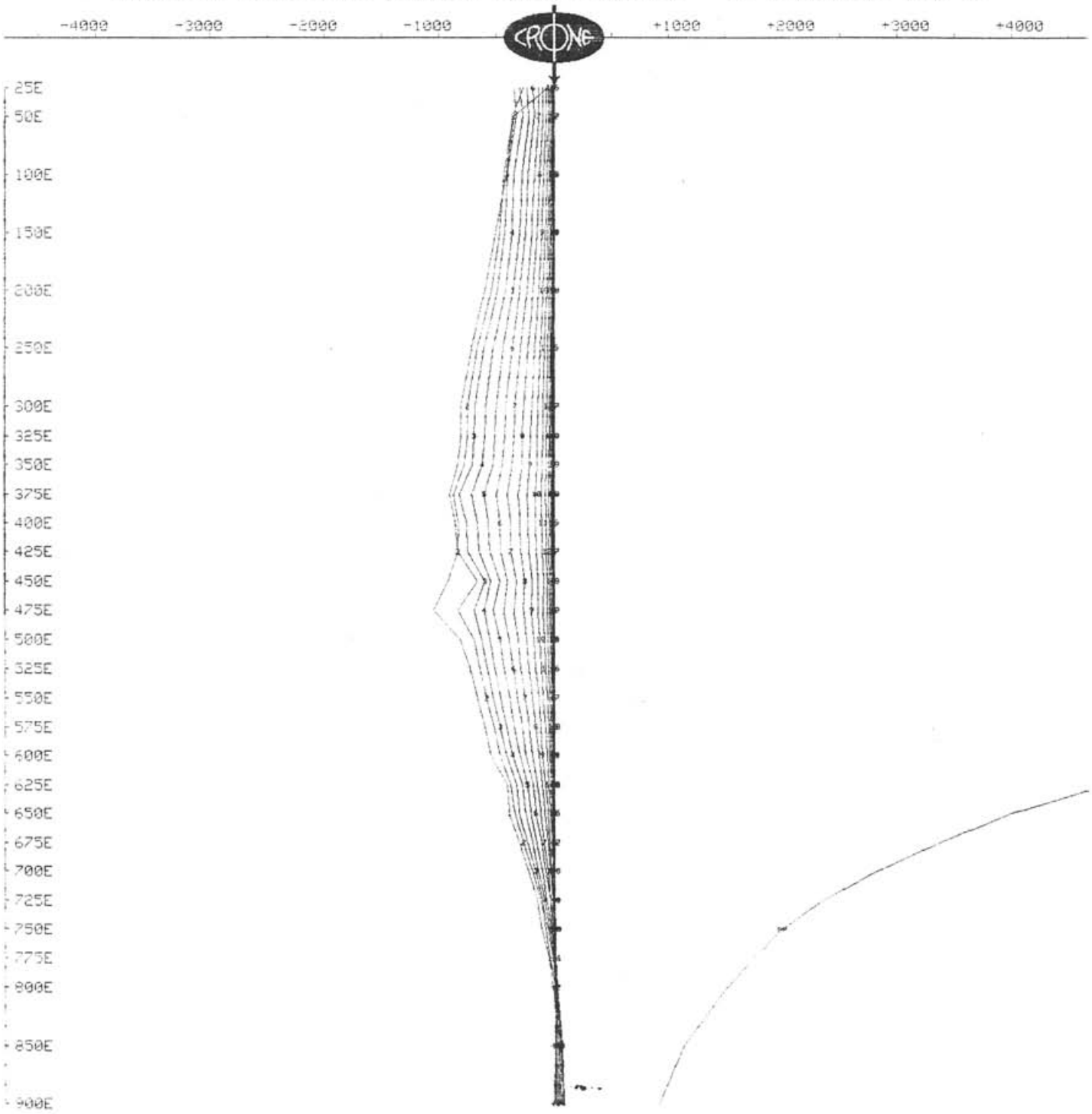
Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 23, 1992
Ramp Time	: 1.00 ms	File	: L2000N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 23, 1992
Ramp Time	: 1.00 ms	File	: L2000N.PEM
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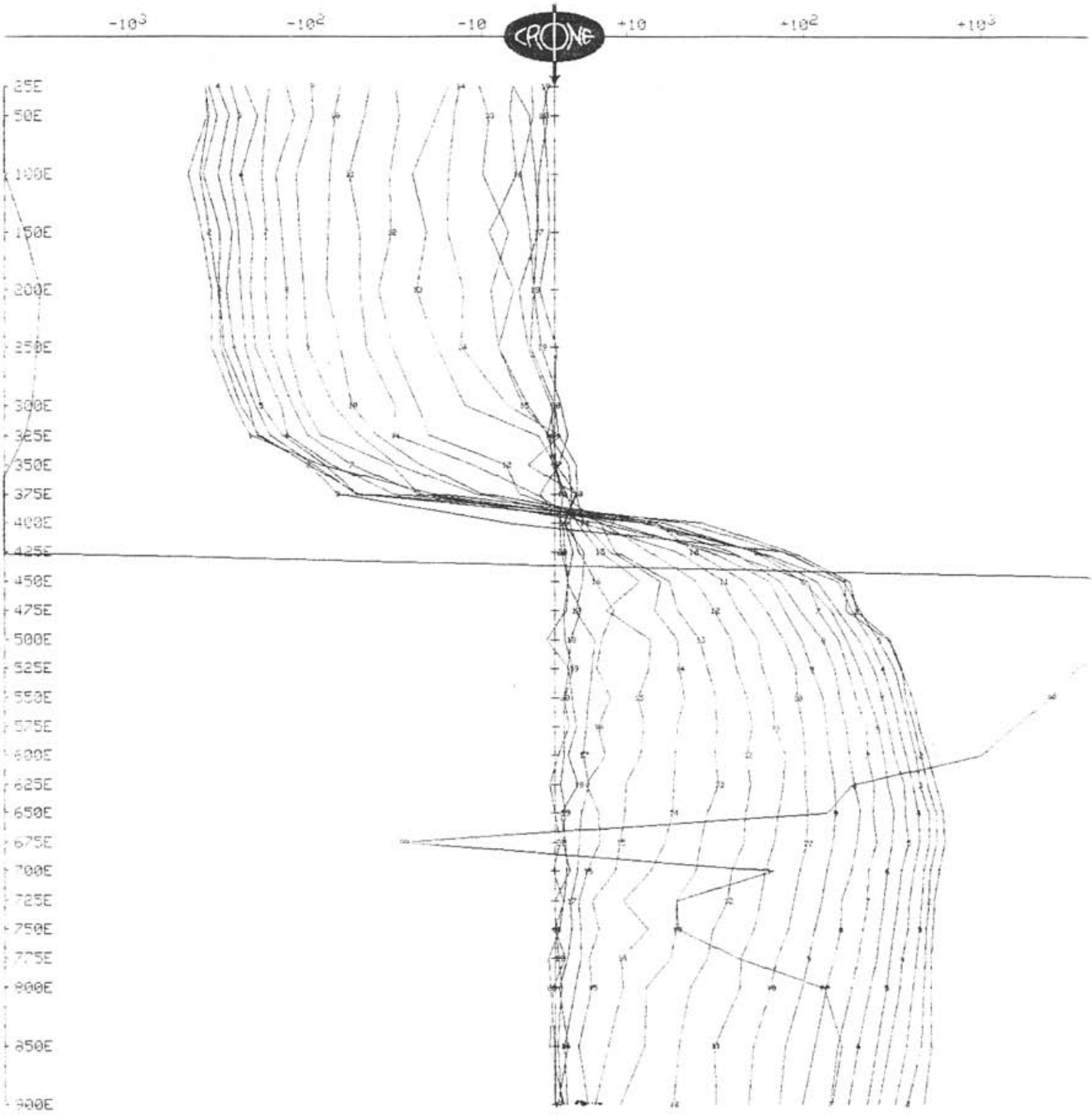
IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 23, 1992
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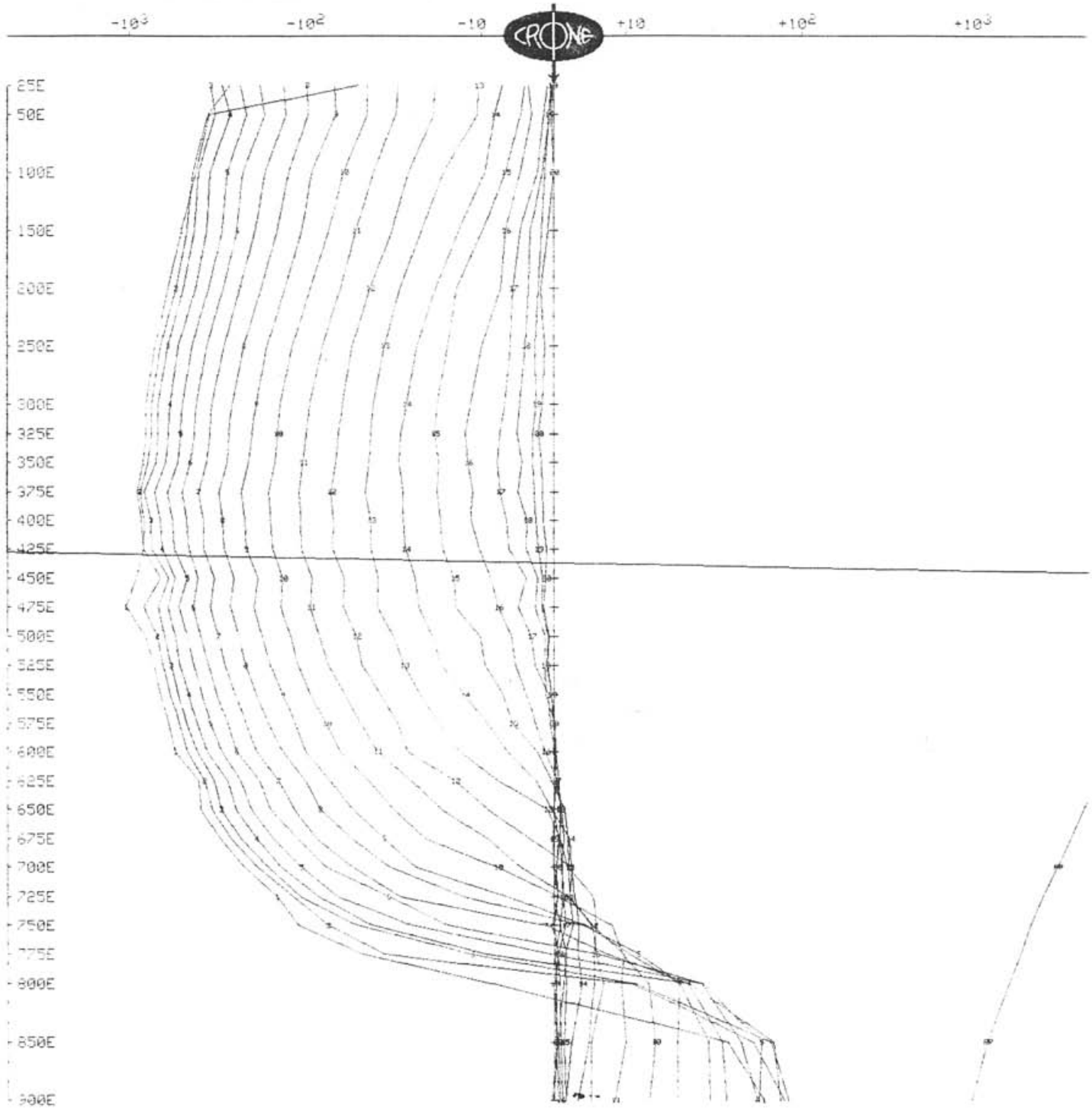
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Ramp Time	: 1.00 ms	File	: L1800N.PEM
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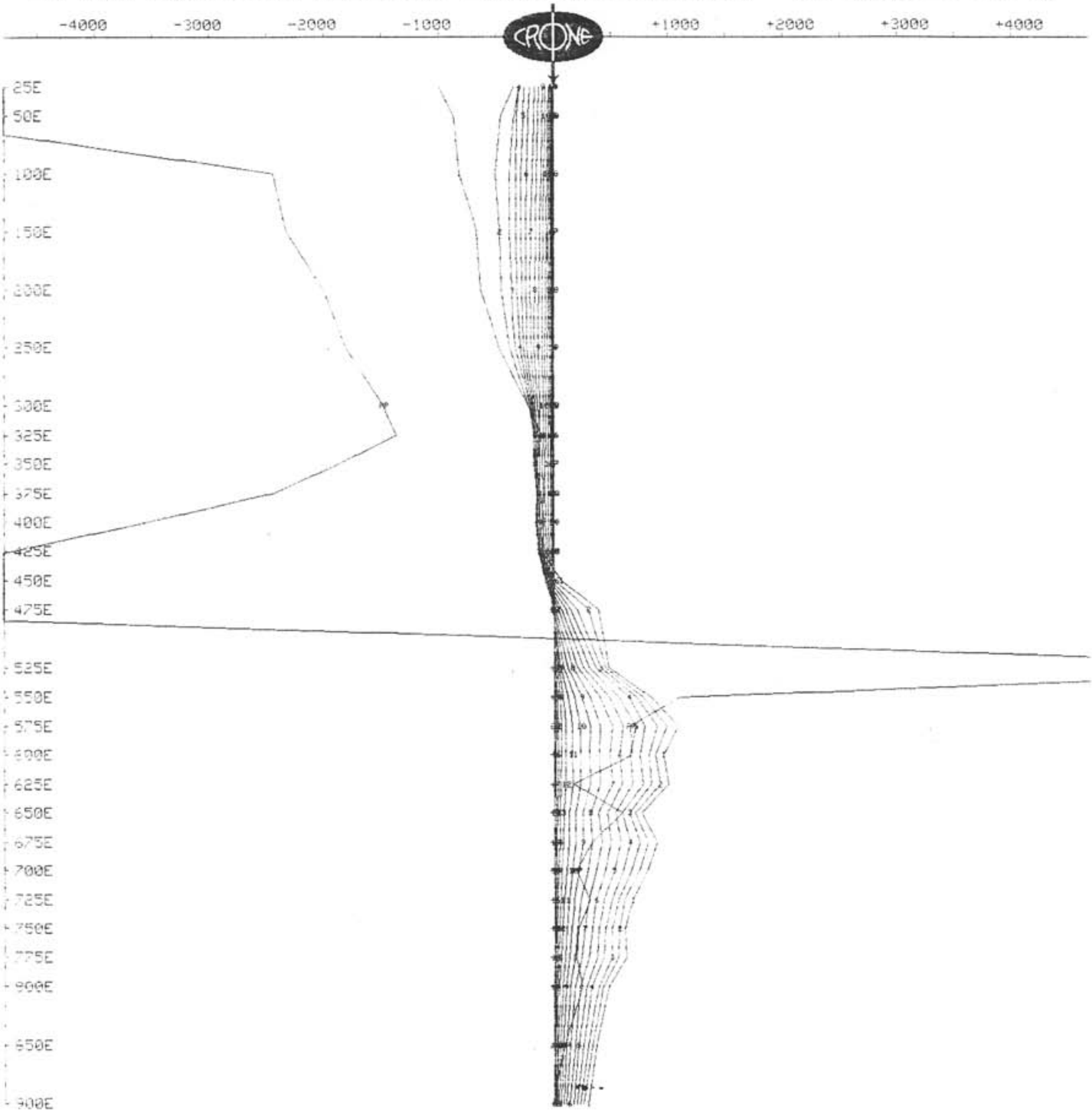
IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

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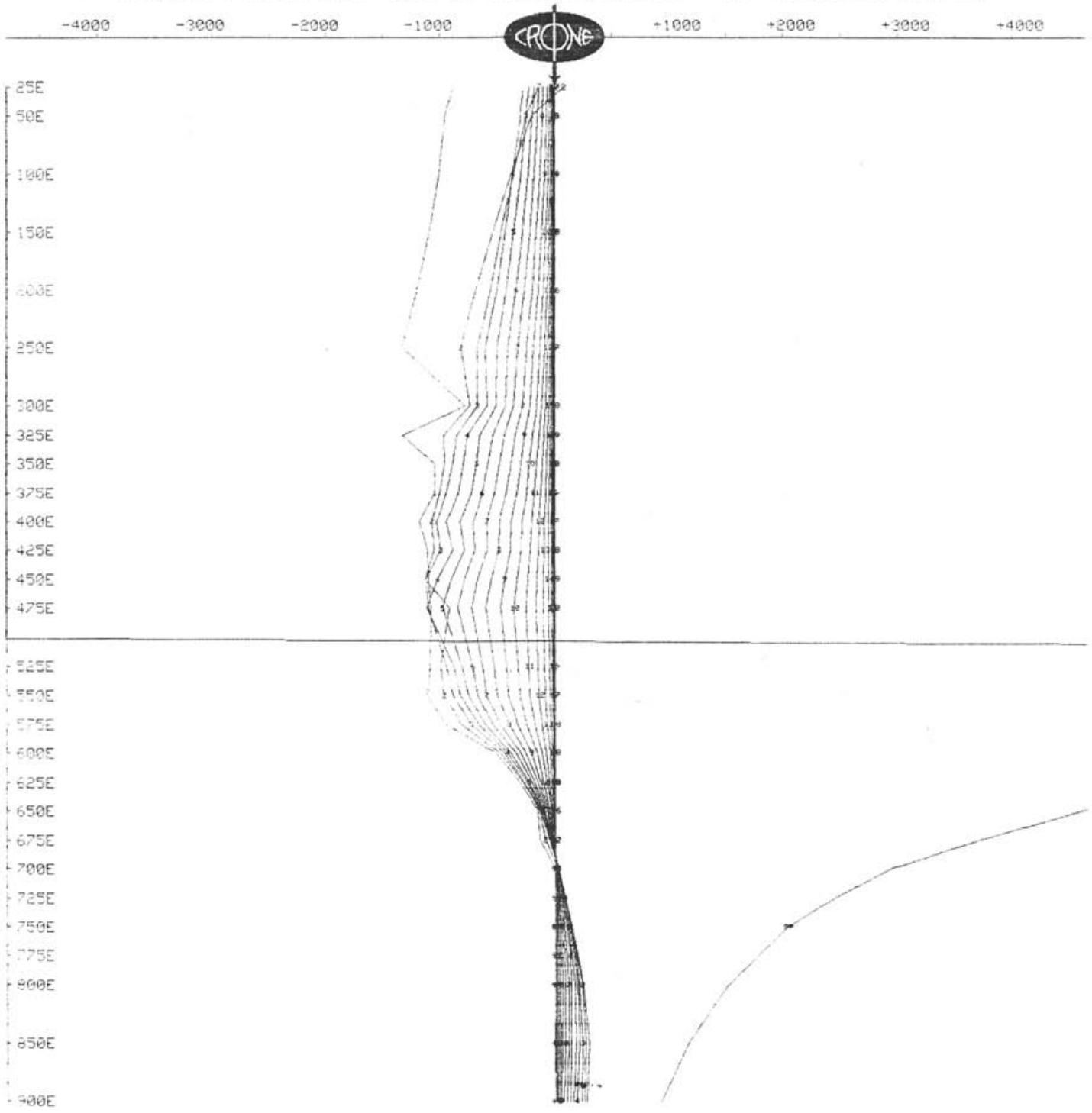
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

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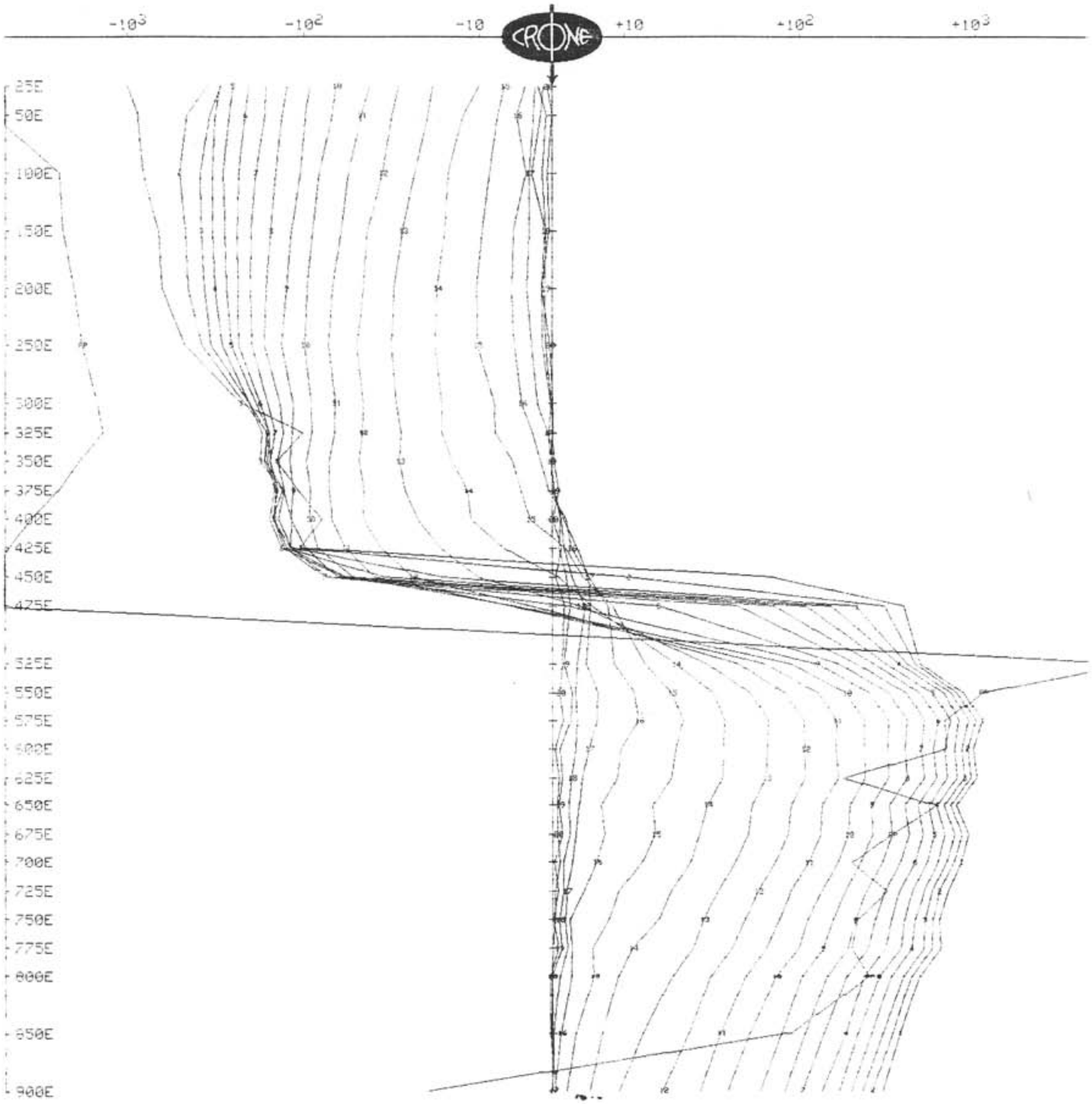

CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

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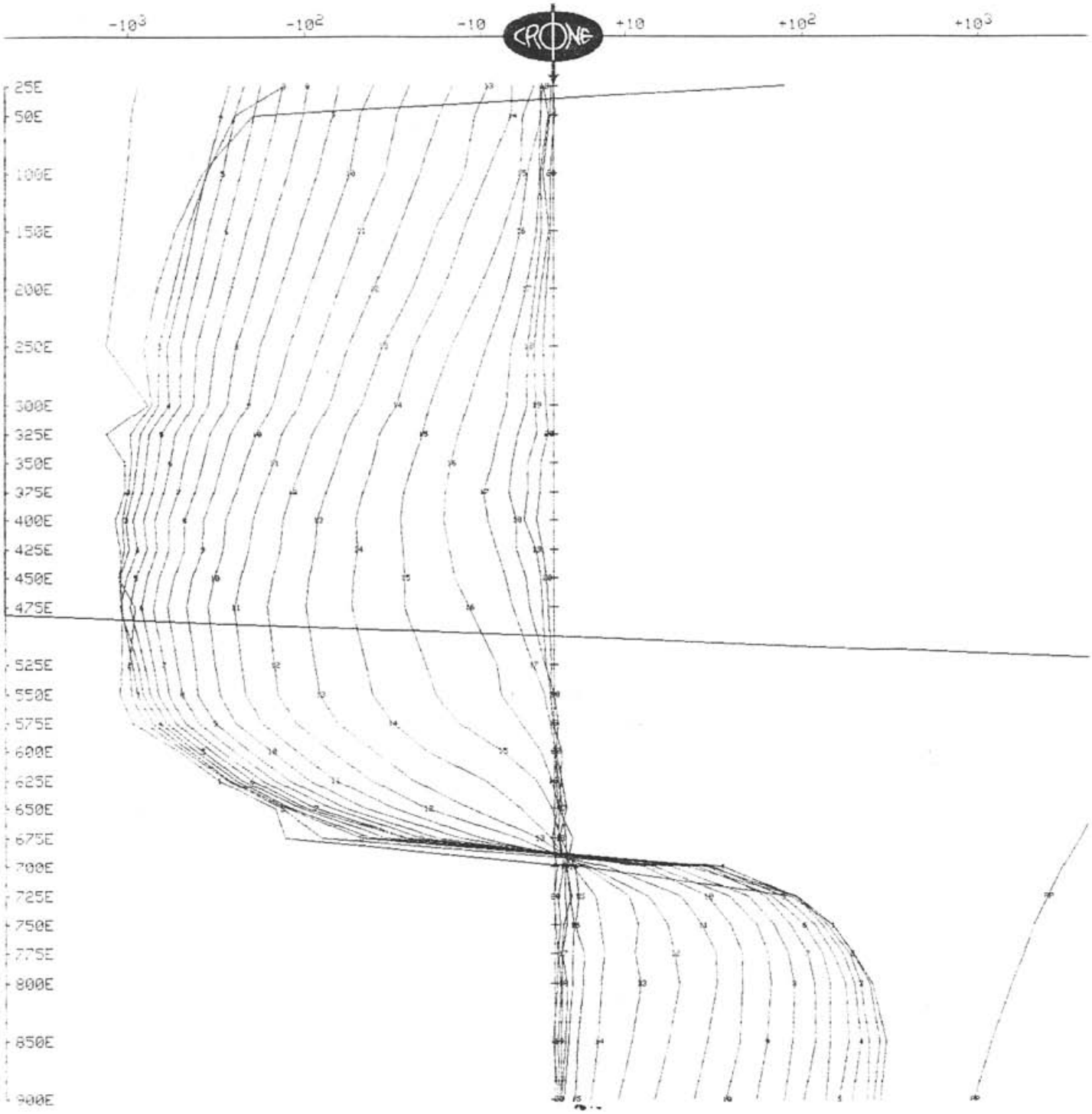
Grid	: MGMN	Tx Loop	: N5
Time Base	: 16.66 ms	Date	: Jul 22, 1992
Ramp Time	: 1.00 ms	File	: L1800N.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Ramp Time	: 1.00 ms	File	: L1600N.PEM
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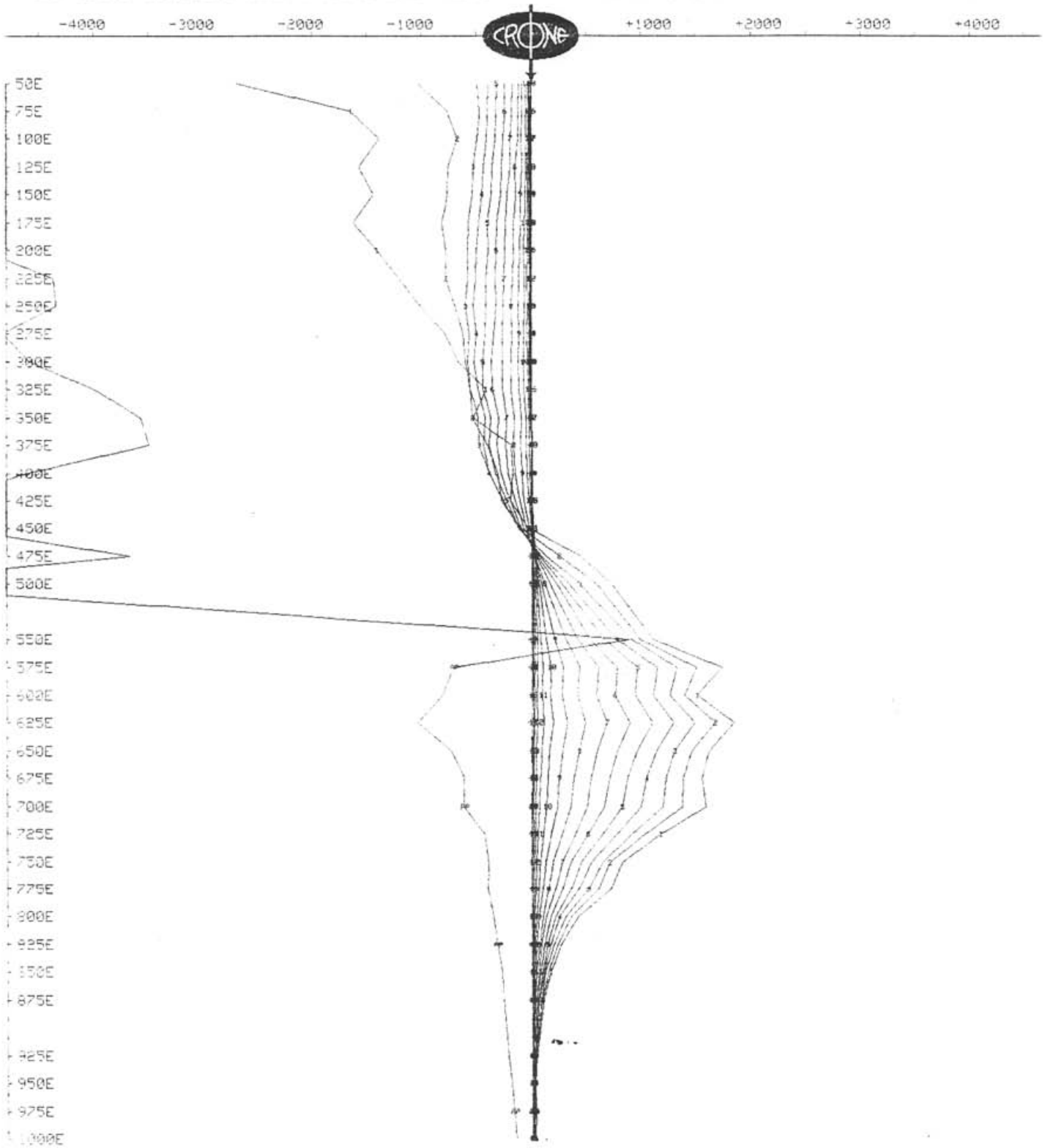
IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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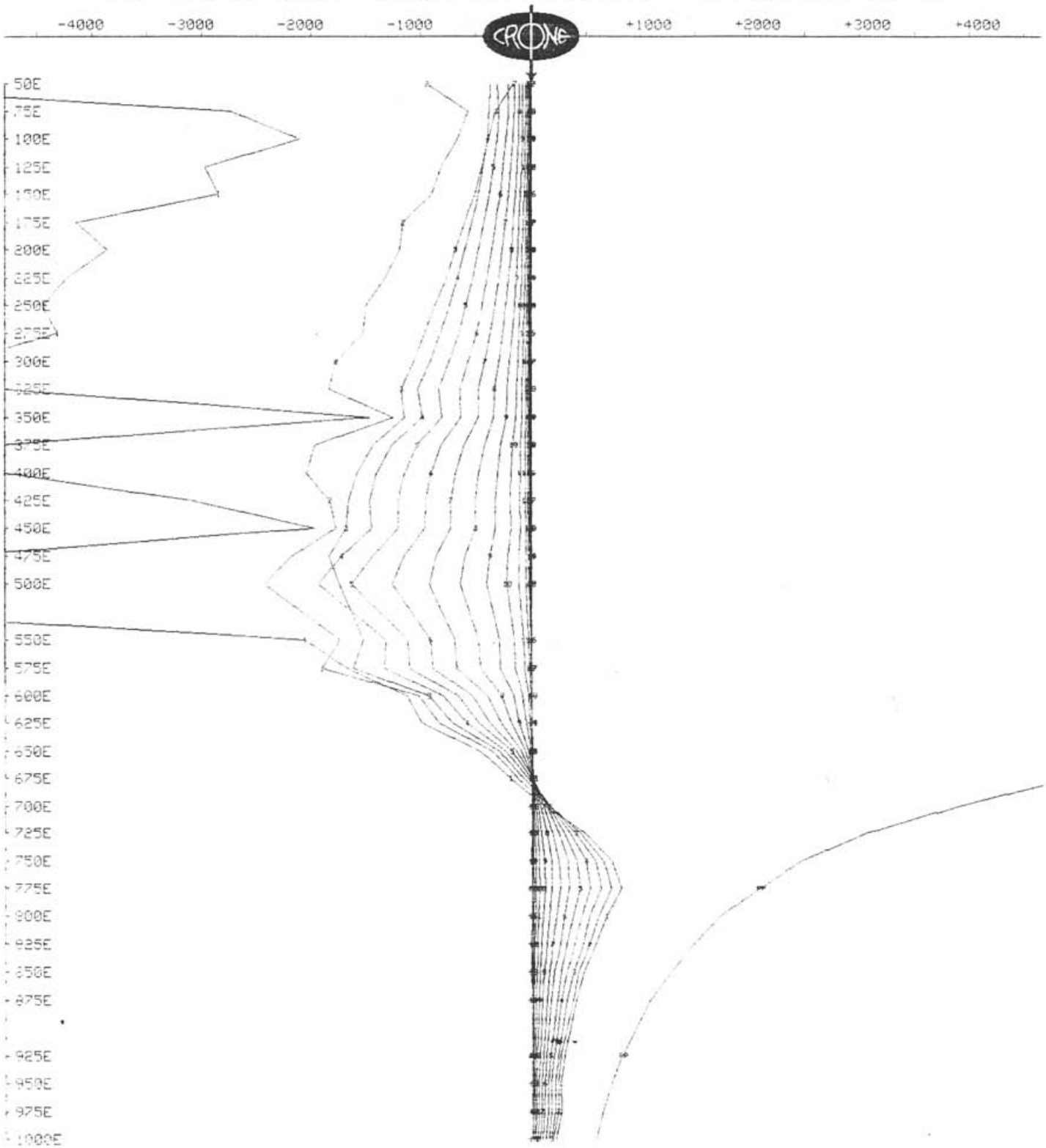
Time Base	: 16.66 ms	Date	: Jul 2, 1992
Ramp Time	: 1.00 ms	File	: L1600N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 2, 1992
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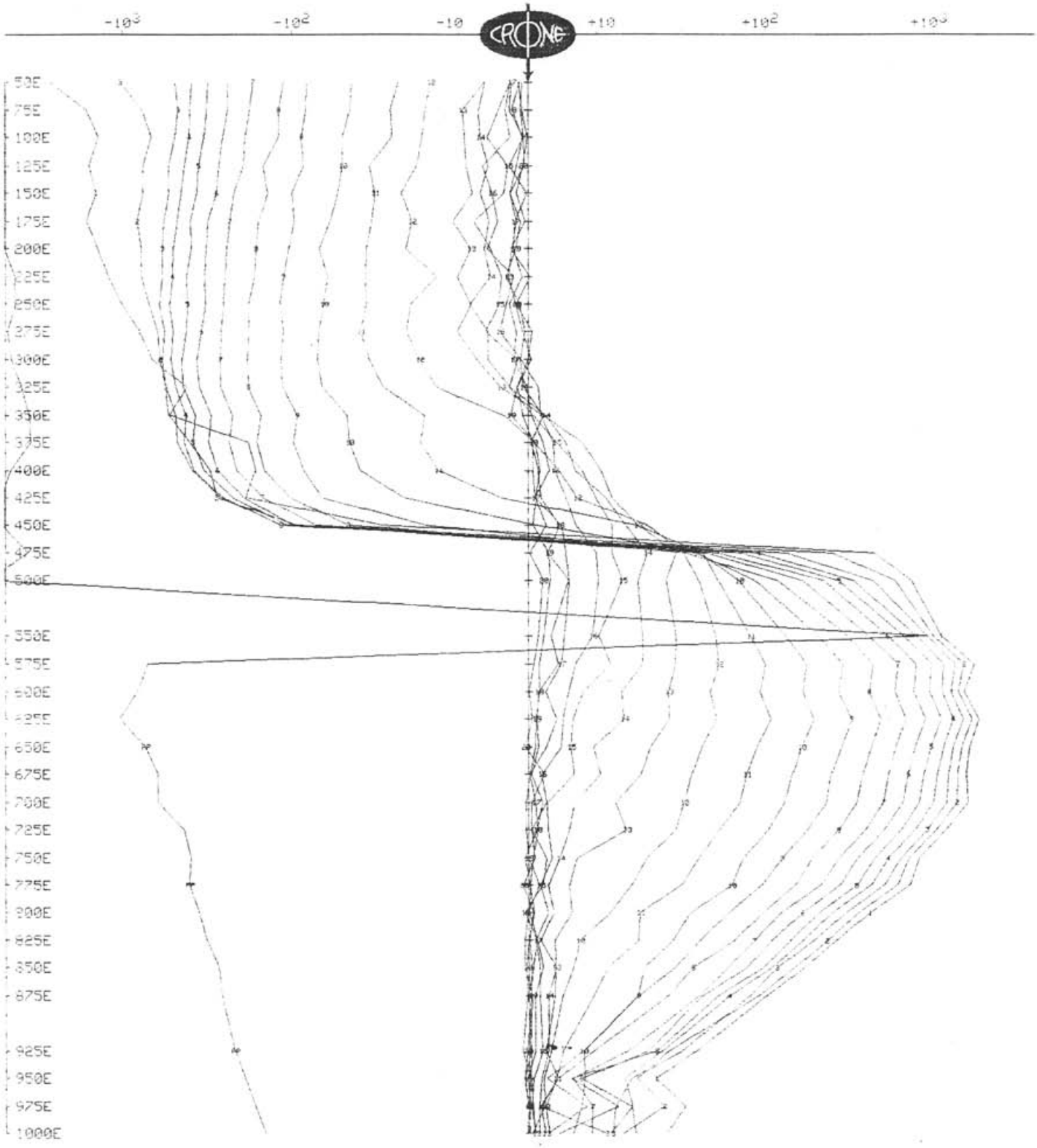
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

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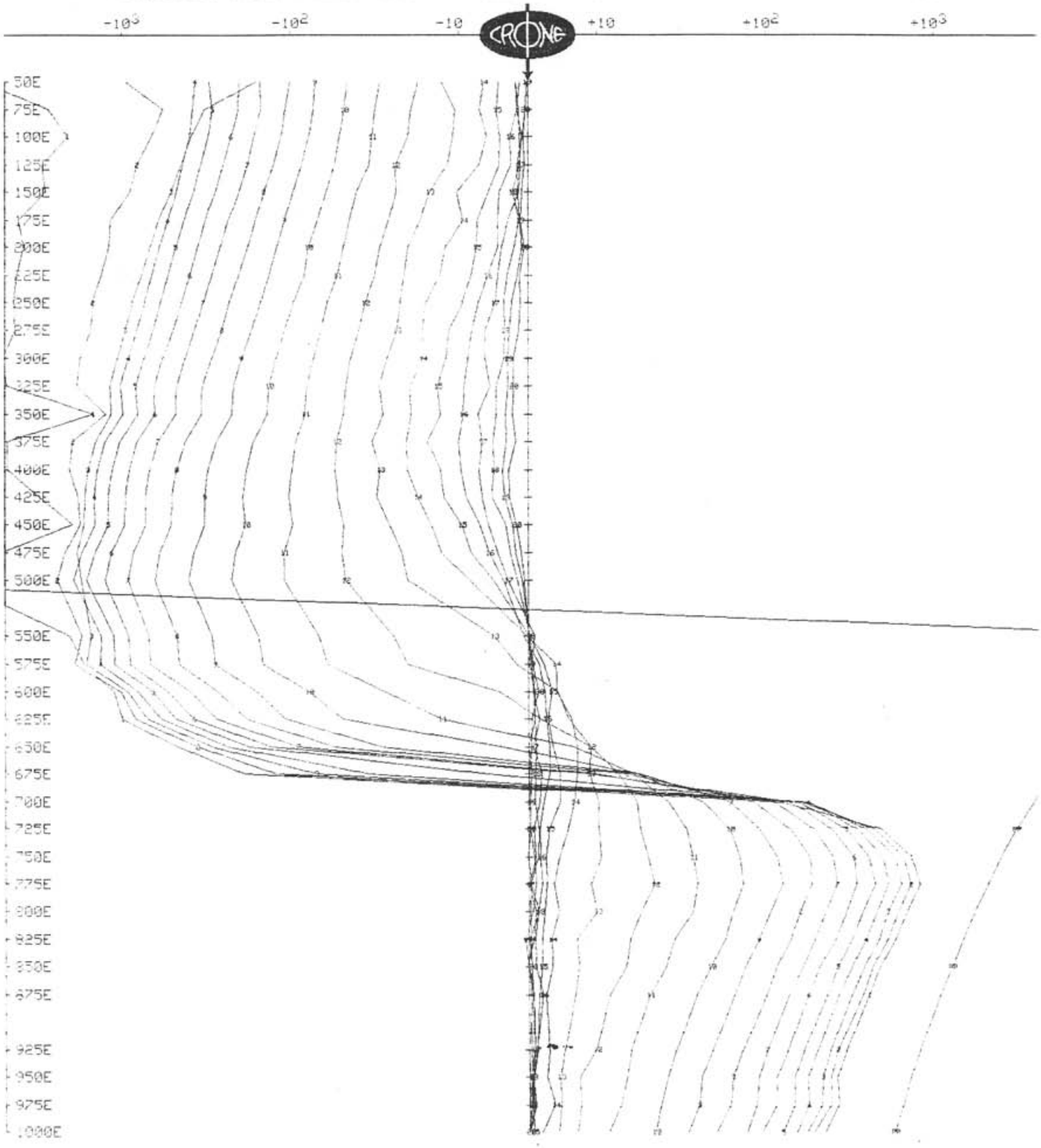
VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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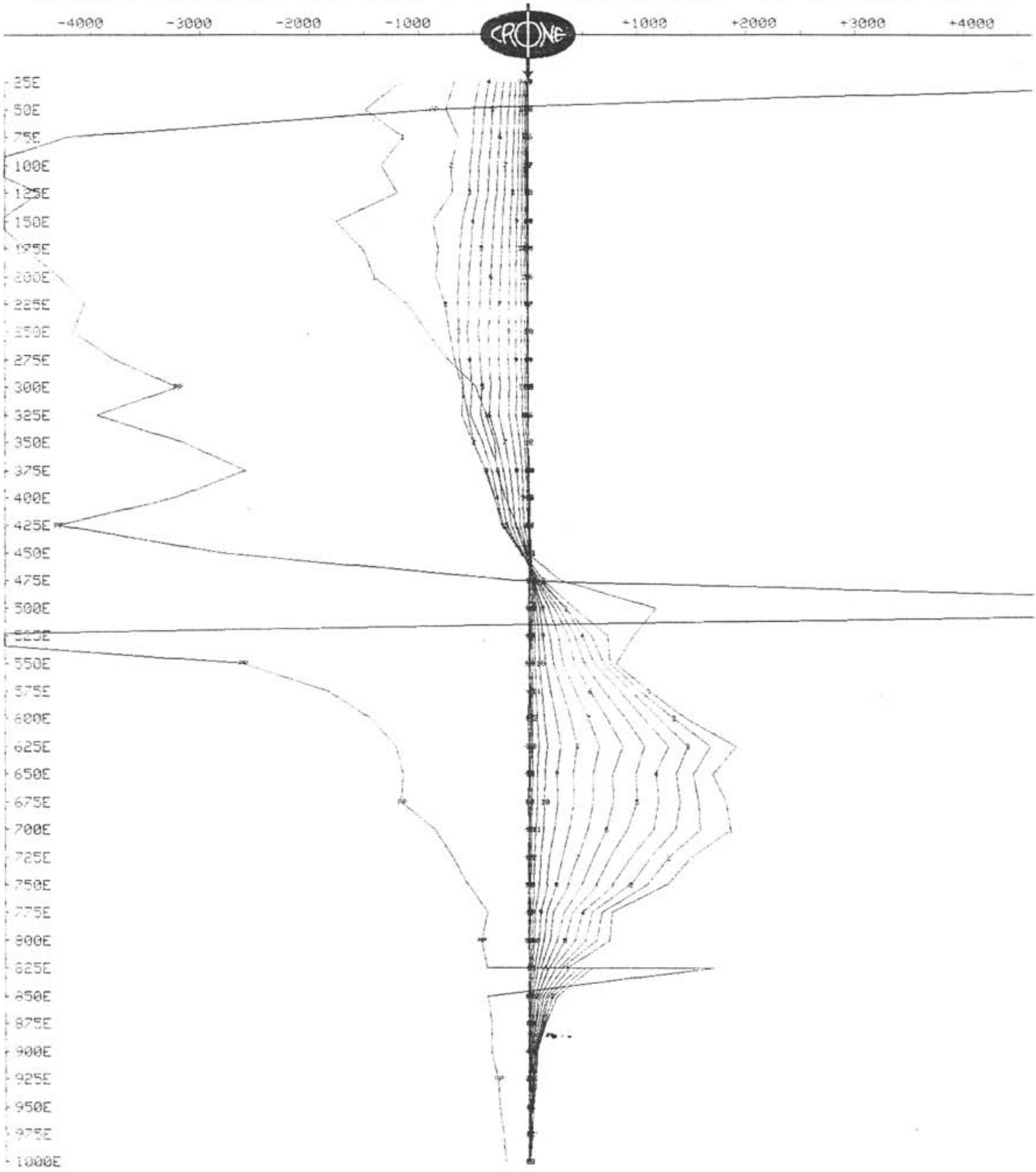
Time Base	: 16.66 ms	Date	: Jul 2, 1992
Ramp Time	: 1.00 ms	File	: L1500N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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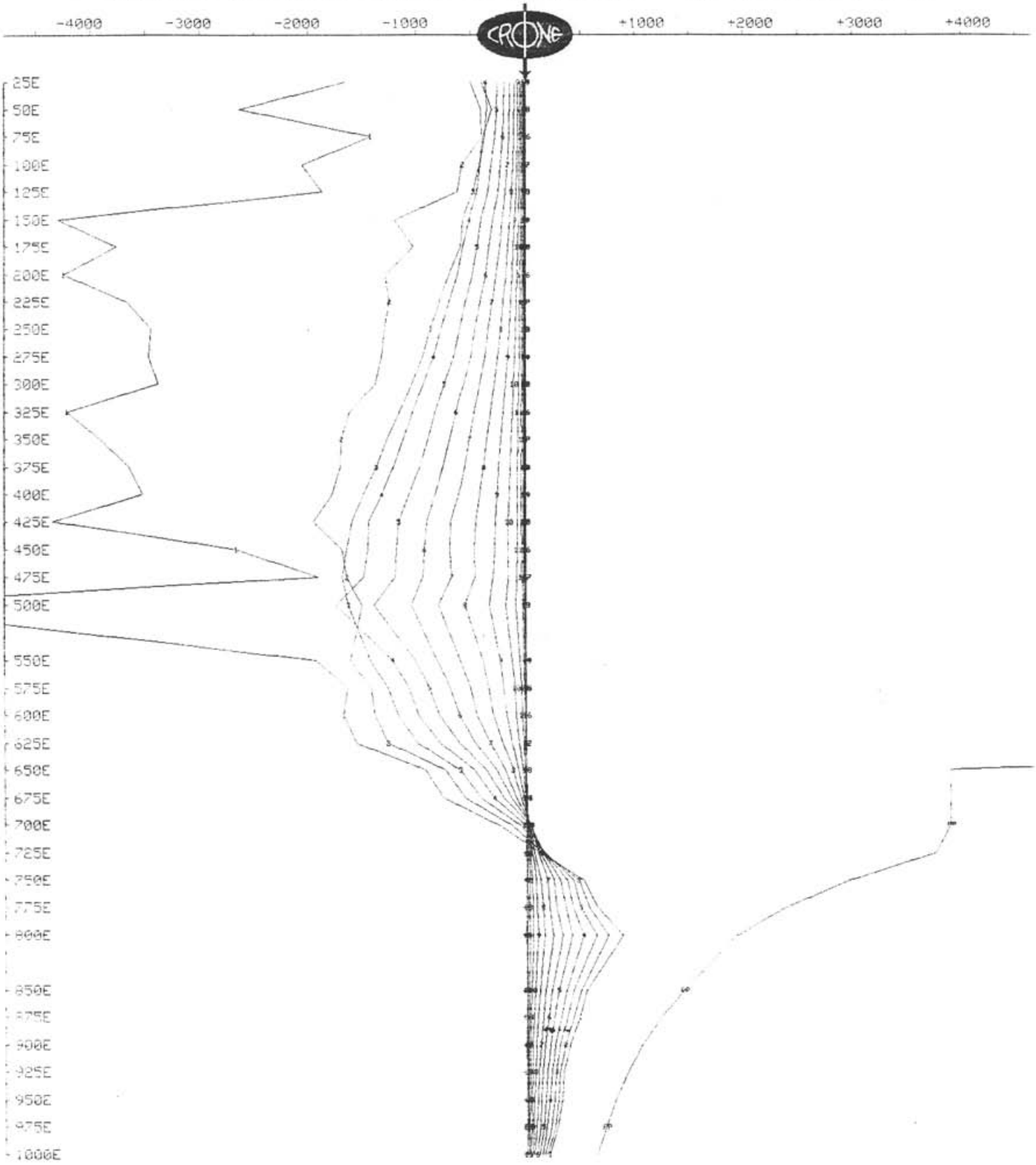
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 2, 1992
Ramp Time	: 1.00 ms	File	: L1500N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 2, 1992
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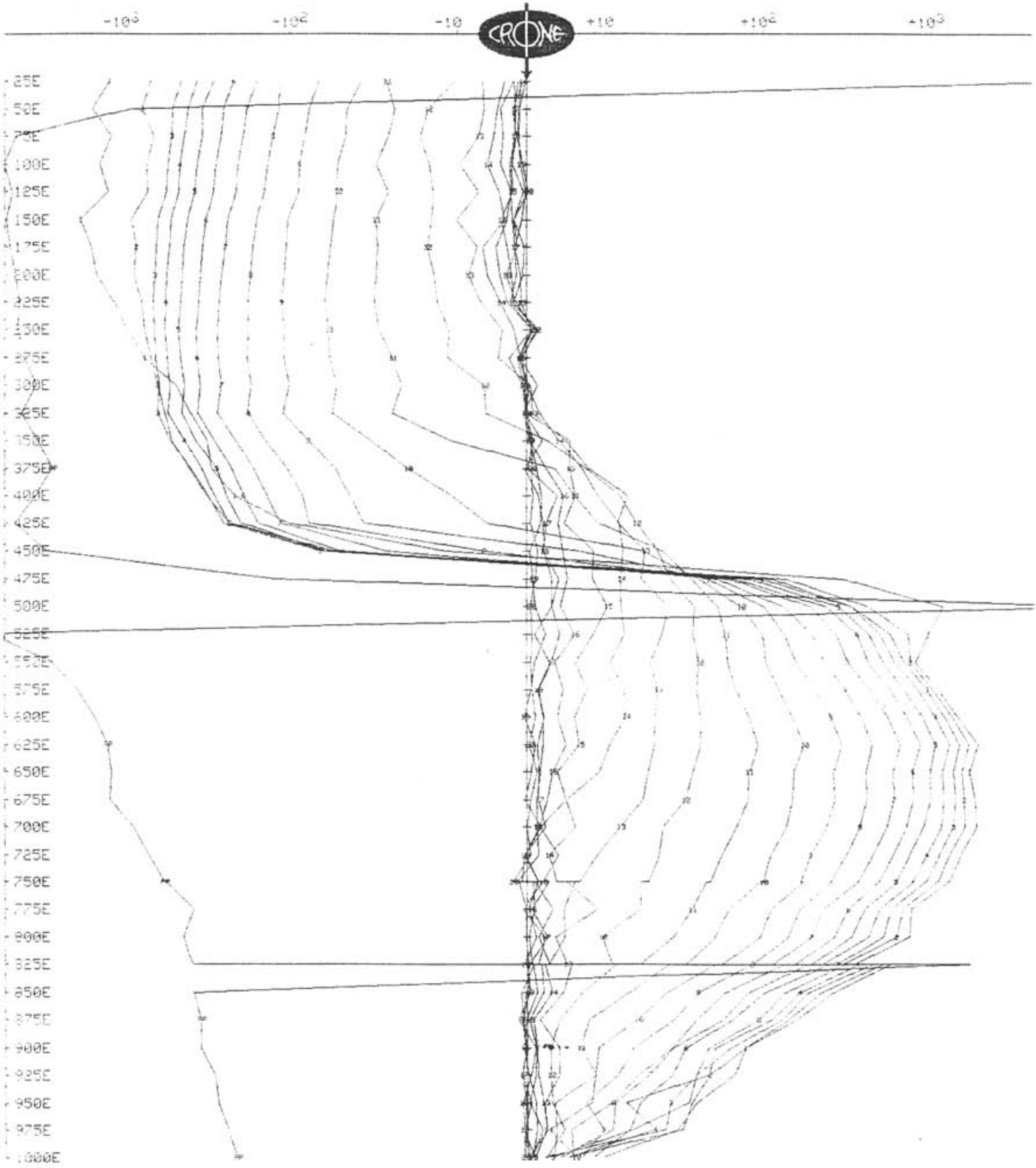
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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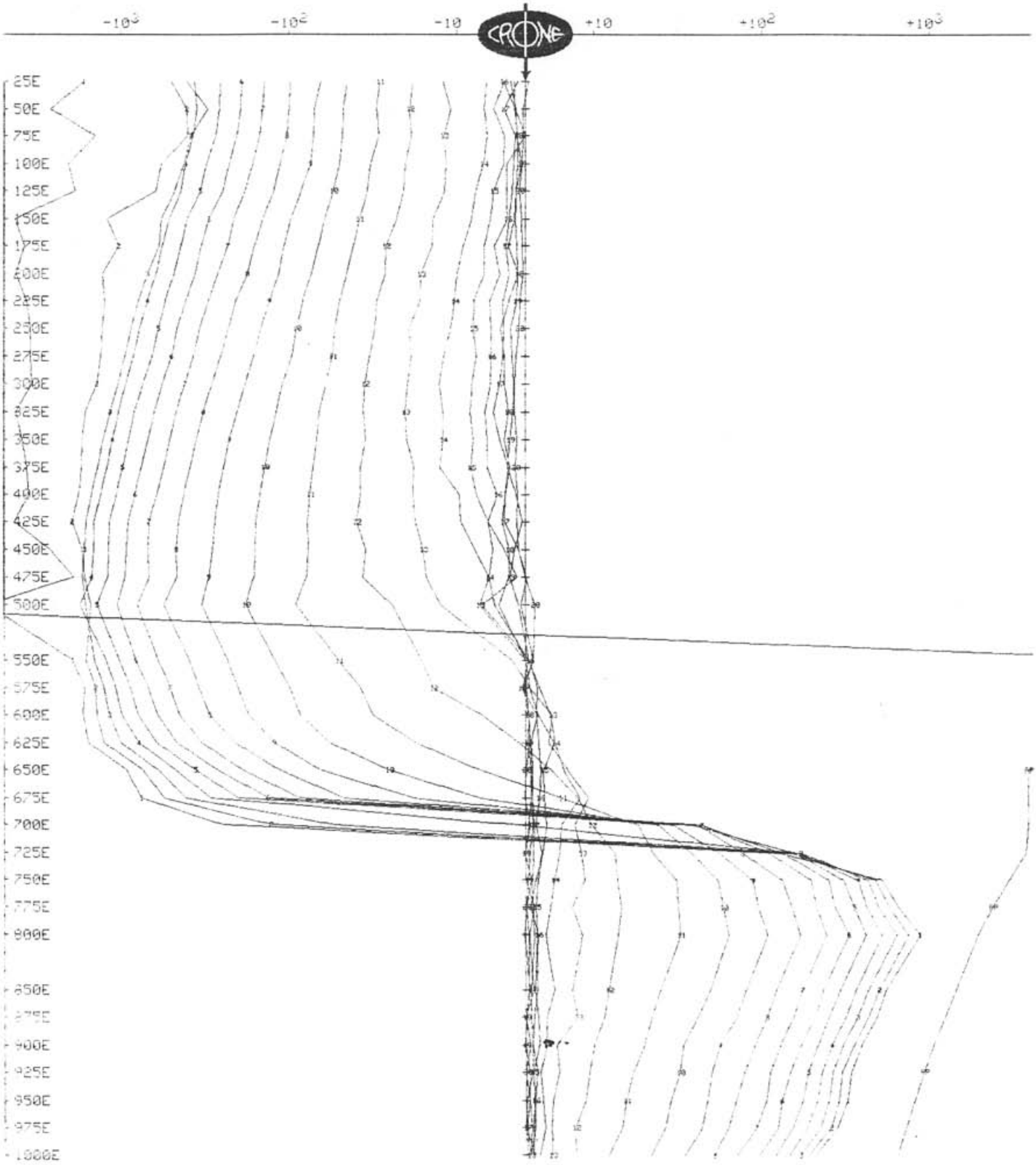
VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

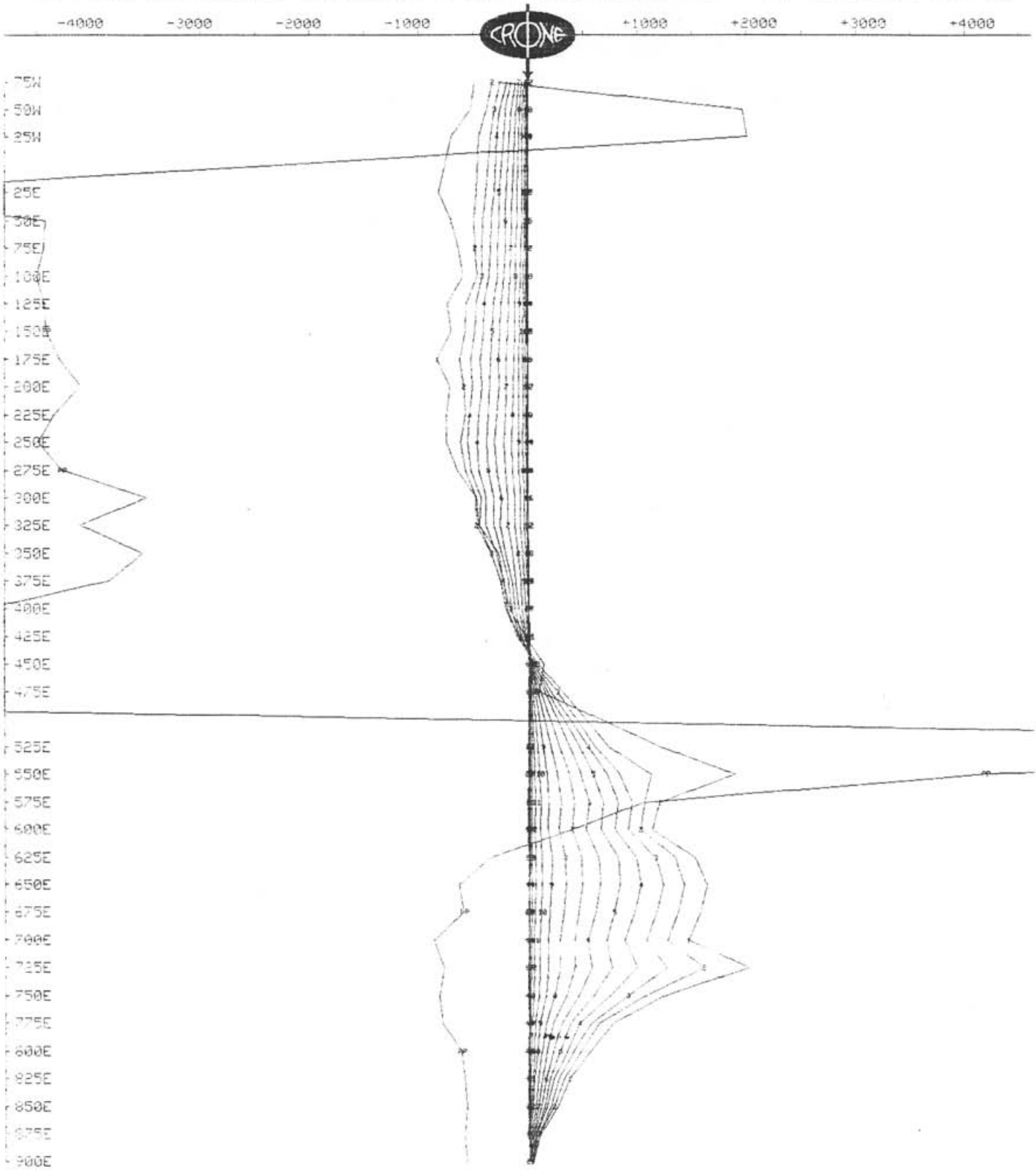


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L1400N
Grid	: MGMN	Tx Loop	: NORTH
Time Base	: 16.66 ms	Date	: Jul 1, 1992
Ramp Time	: 1.00 ms	File	: L1400N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

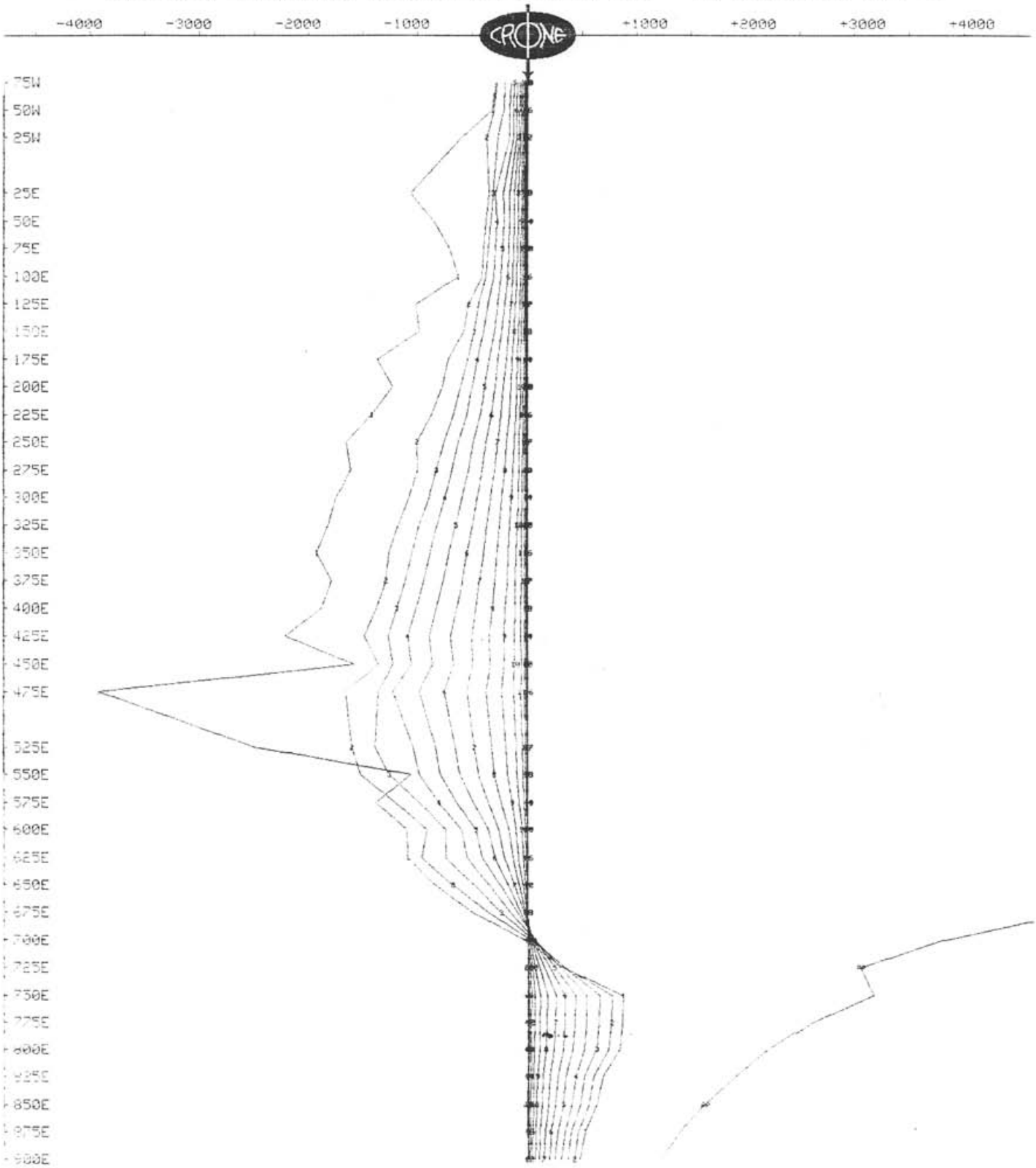


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L1400N
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 1, 1992
Ramp Time	: 1.00 ms	File	: L1400N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

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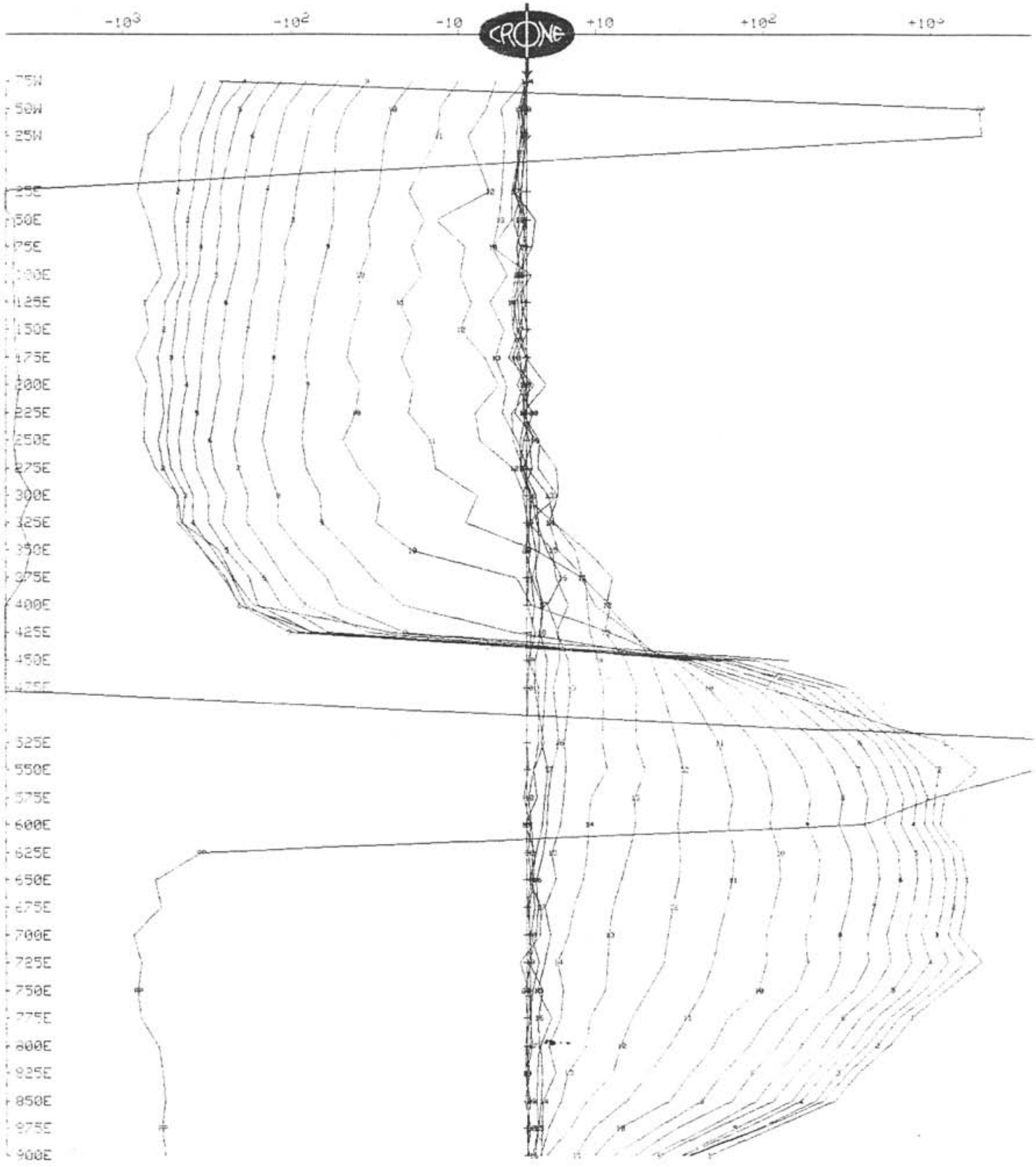
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 1, 1992
Ramp Time	: 1.00 ms	File	: L1400N.PEM
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

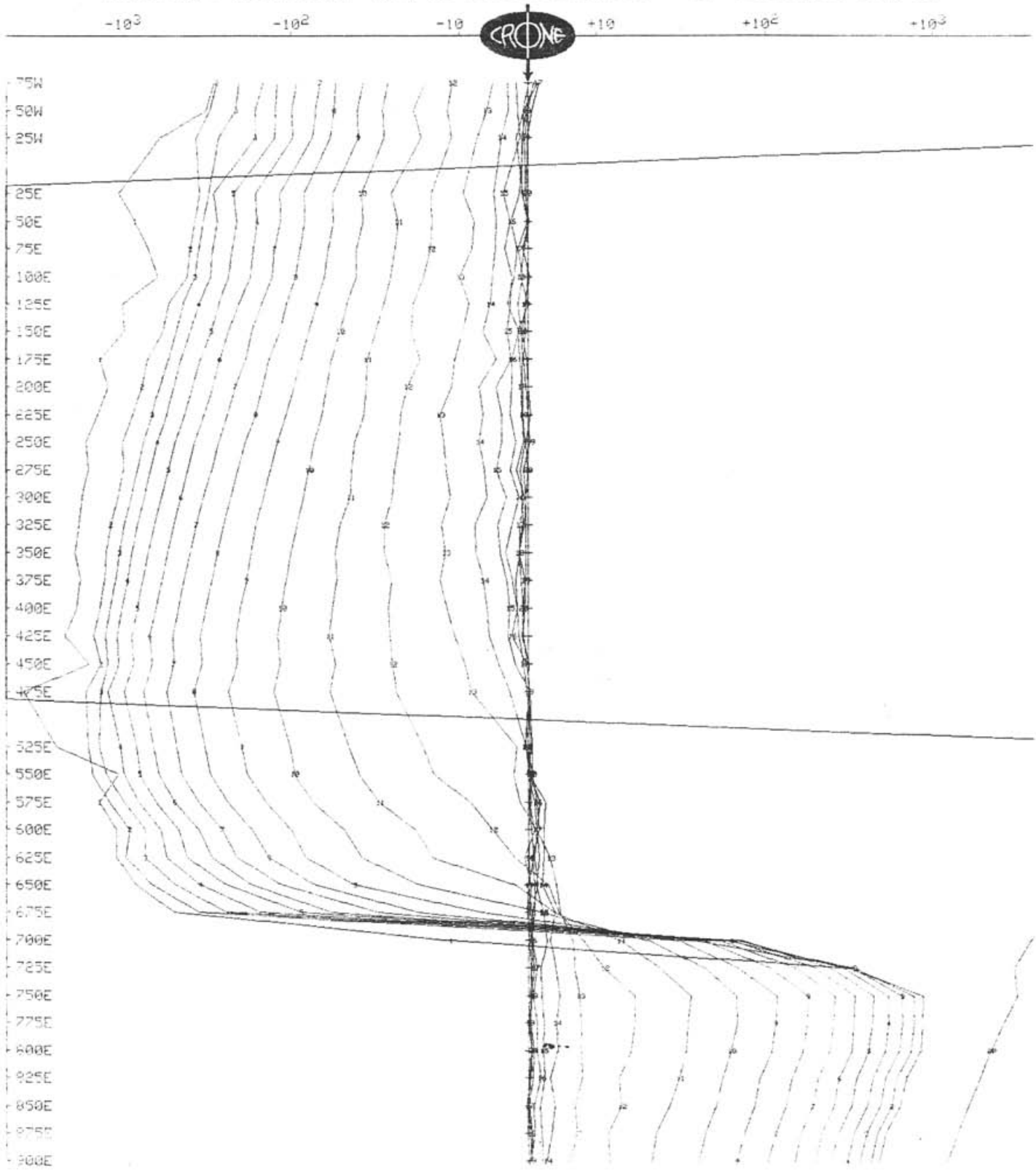


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L1400N
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 1, 1992
Ramp Time	: 1.00 ms	File	: L1400N.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

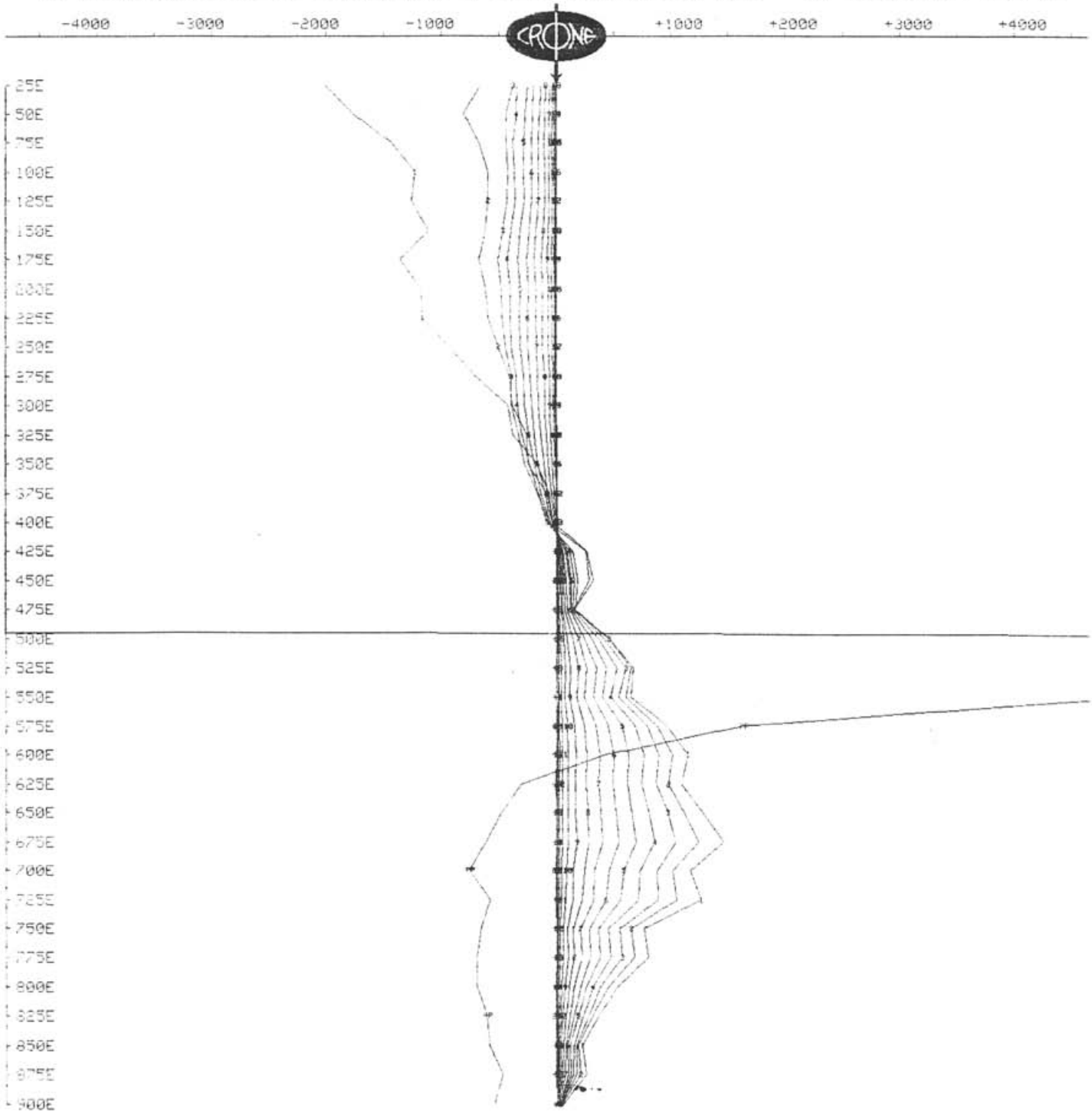


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophys	Line	: L1300N
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 3, 1992
Ramp Time	: 1.00 ms	File	: L1300N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

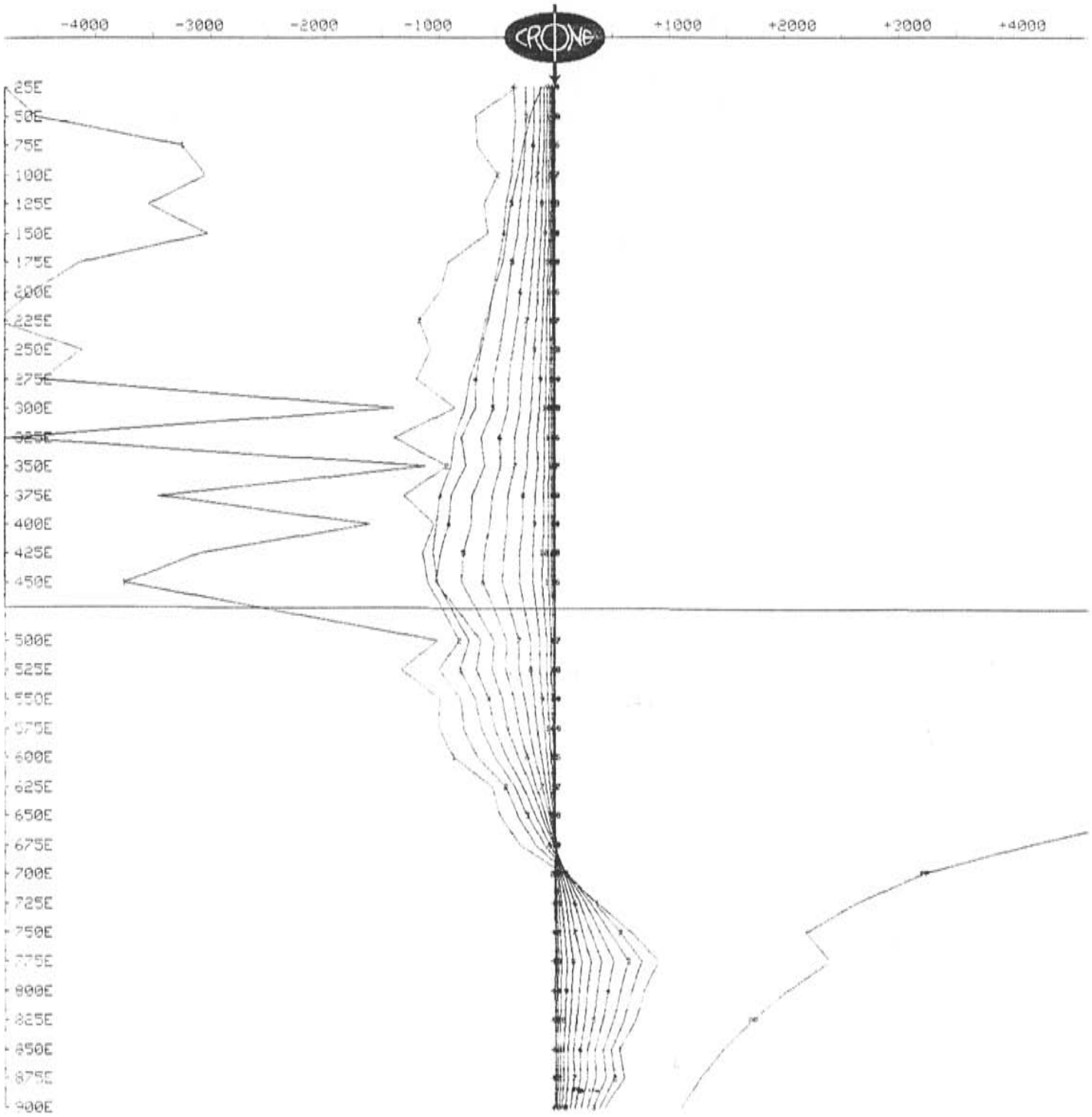


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophys	Line	: L1300N
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 3, 1992
Ramp Time	: 1.00 ms	File	: L1300N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

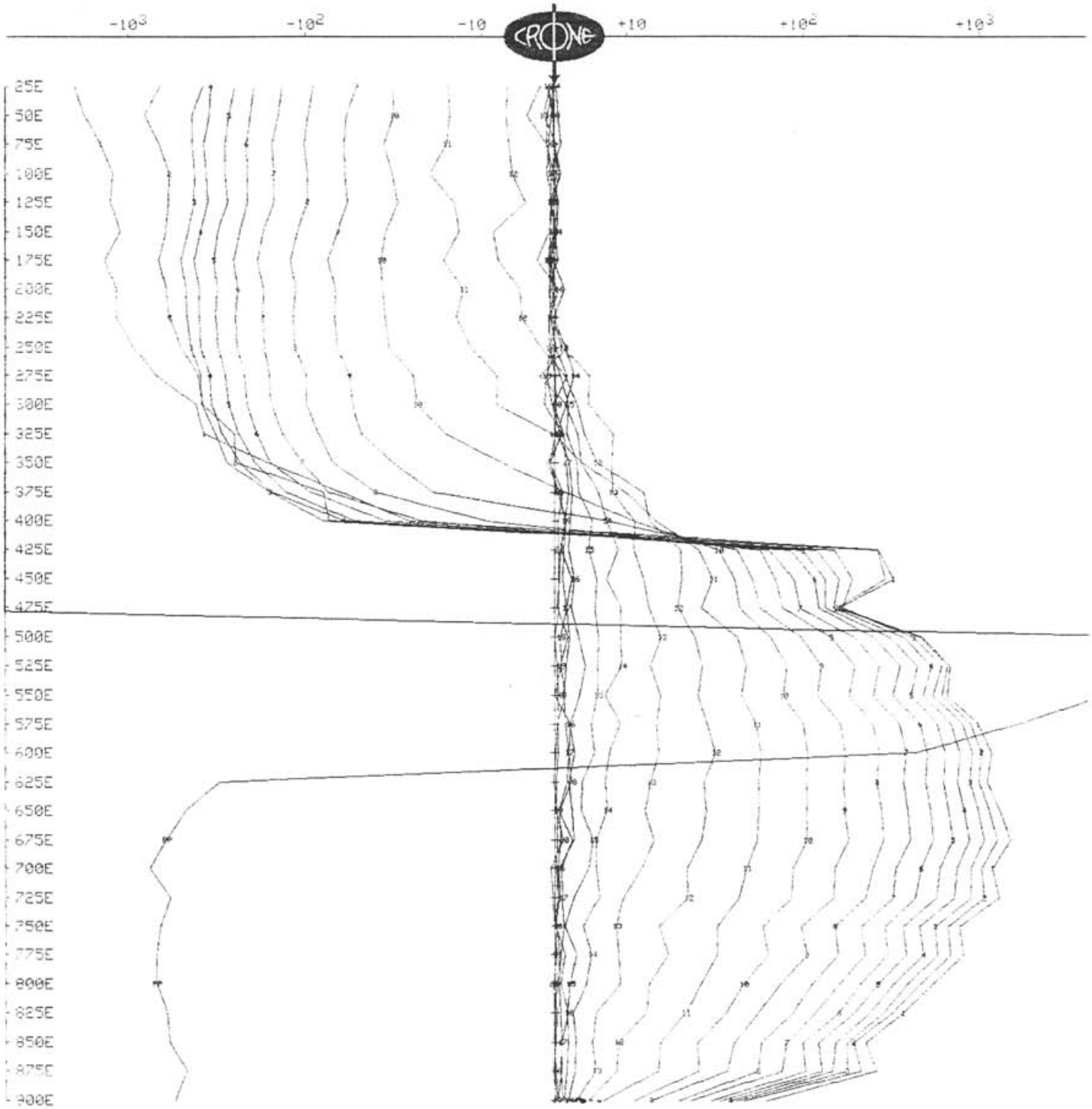


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophys	Line	: L1300N
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 3, 1992
Ramp Time	: 1.00 ms	File	: L1300N.PEM
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

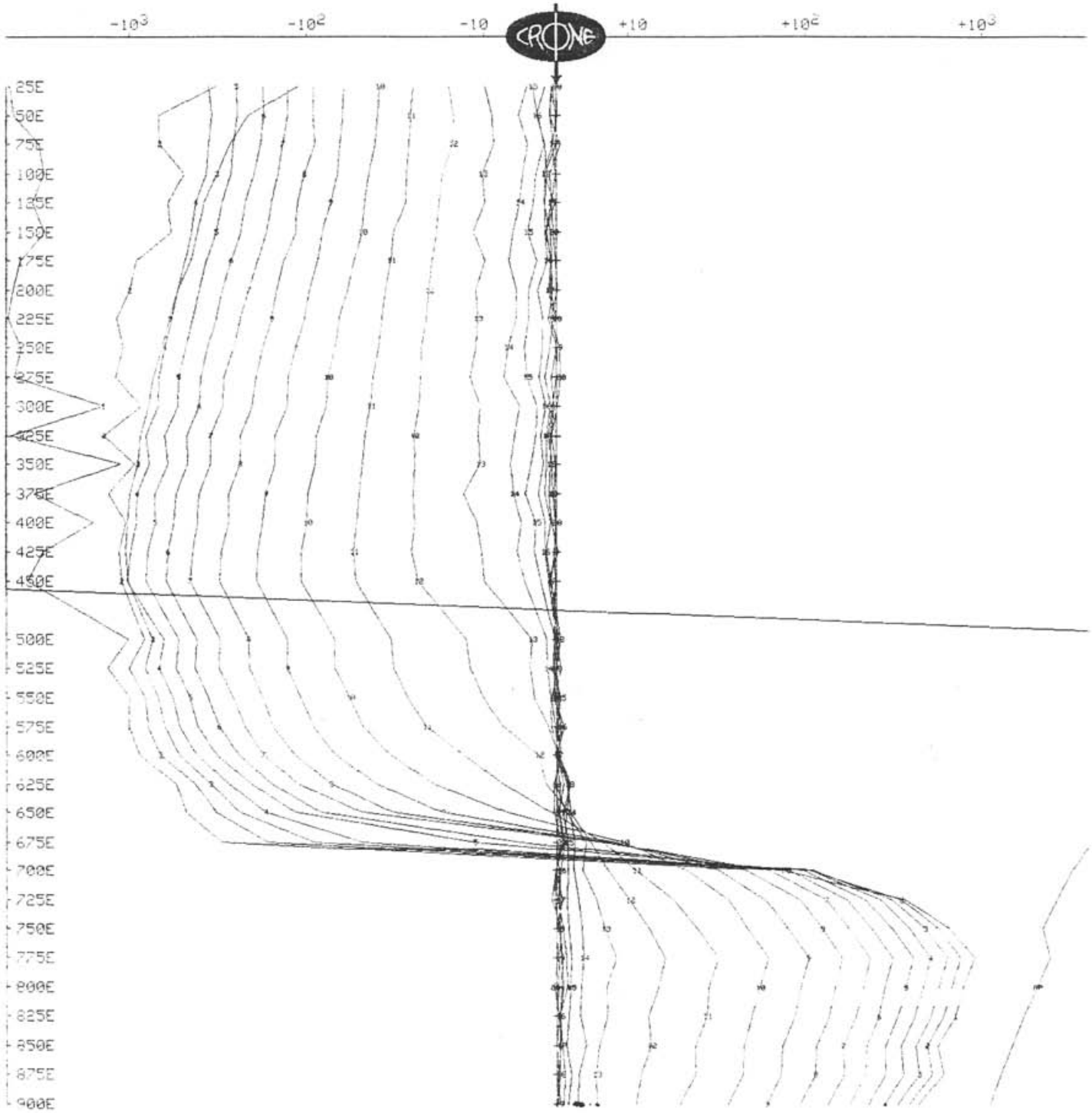


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophys	Line	: L1300N
Grid	: MGMN	Tx Loop	: NQRTH
Time Base	: 16.66 ms	Date	: Jul 3, 1992
Ramp Time	: 1.00 ms	File	: L1300N.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

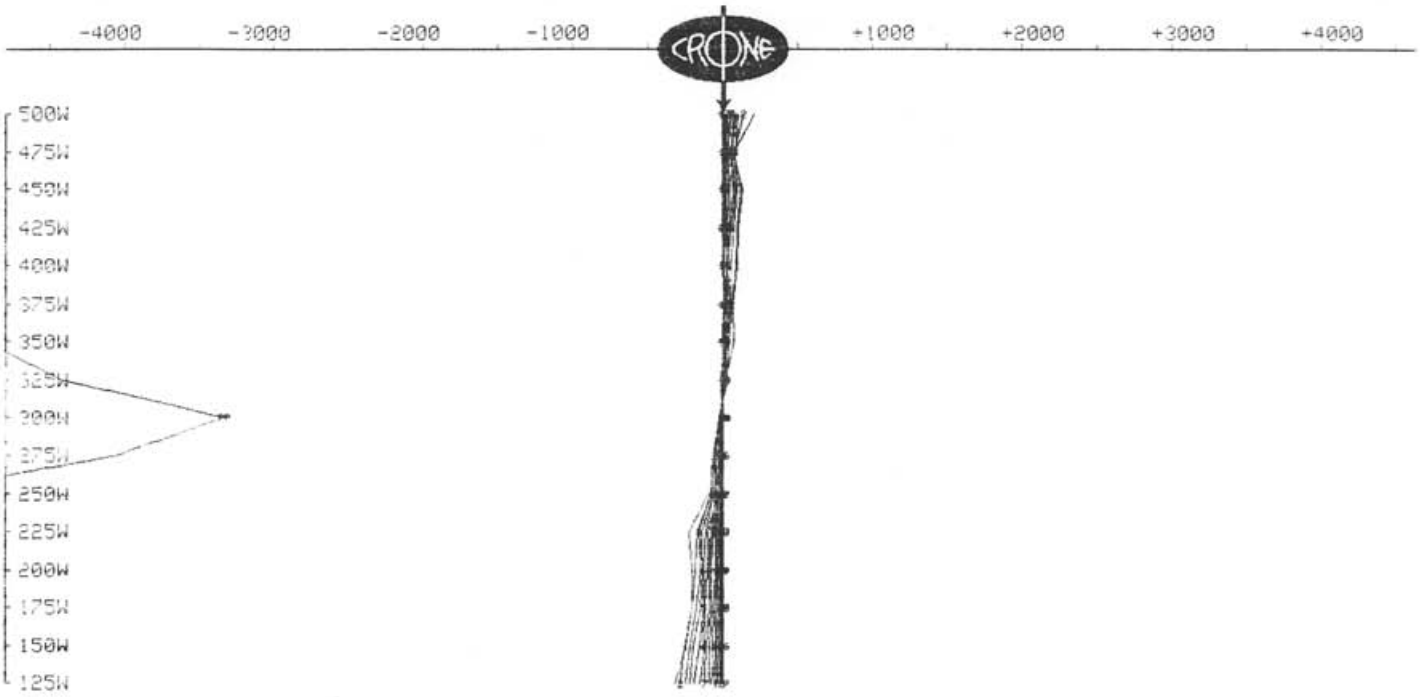


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L600N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 25, 1992
Ramp Time	: 1.00 ms	File	: L600N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

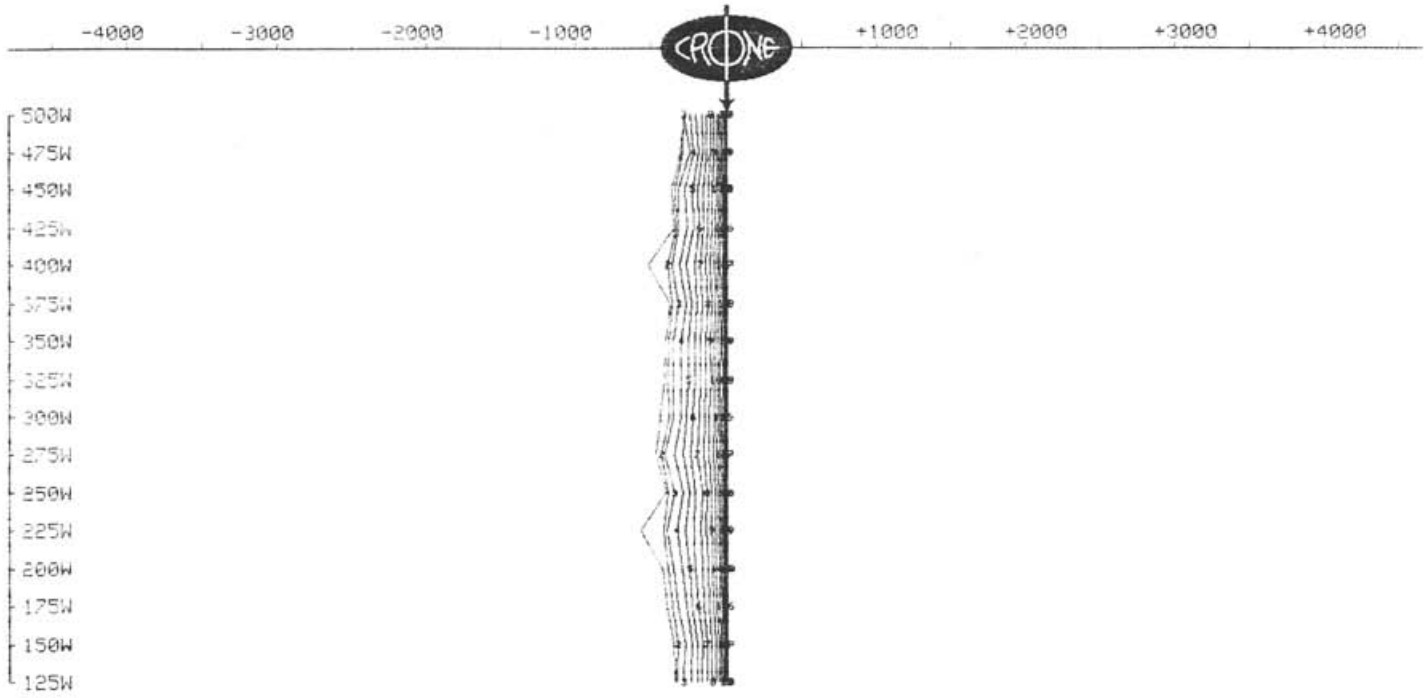


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L600N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 25, 1992
Ramp Time	: 1.00 ms	File	: L600N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

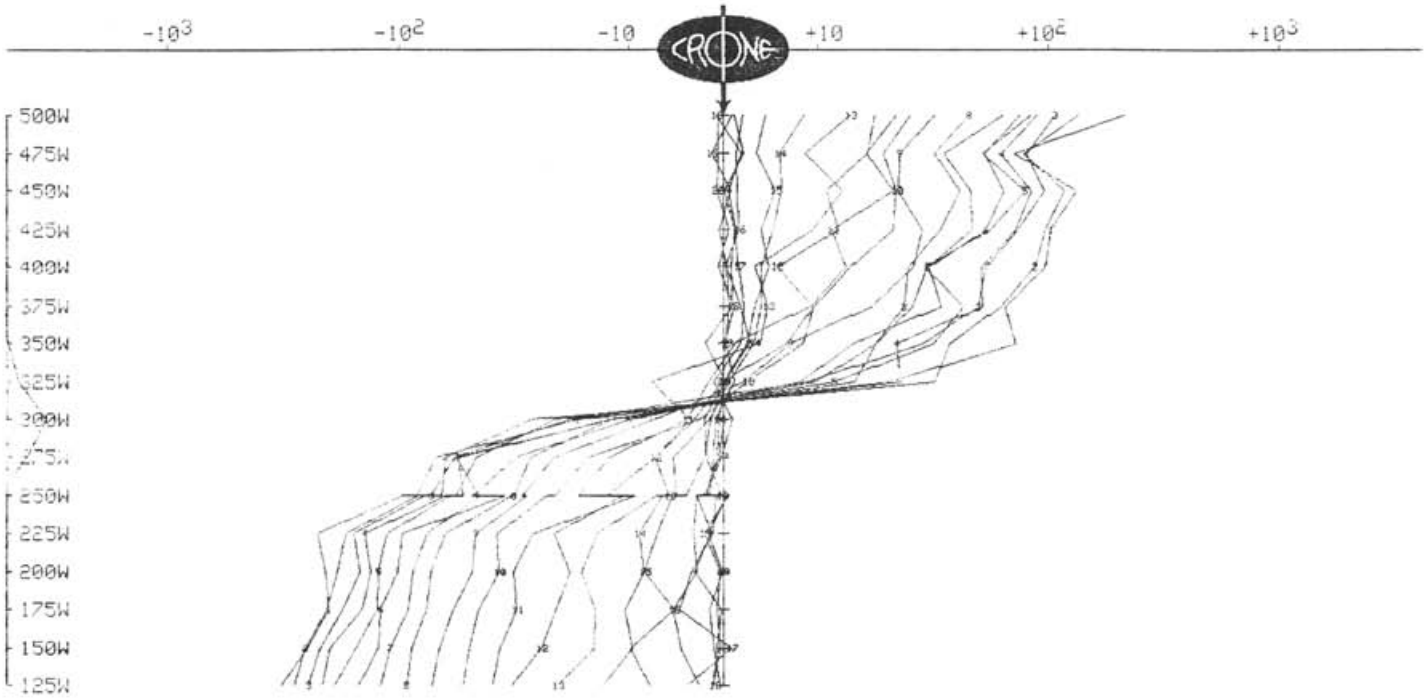
VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L600N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 25, 1992
Ramp Time	: 1.00 ms	File	: L600N.PEM
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

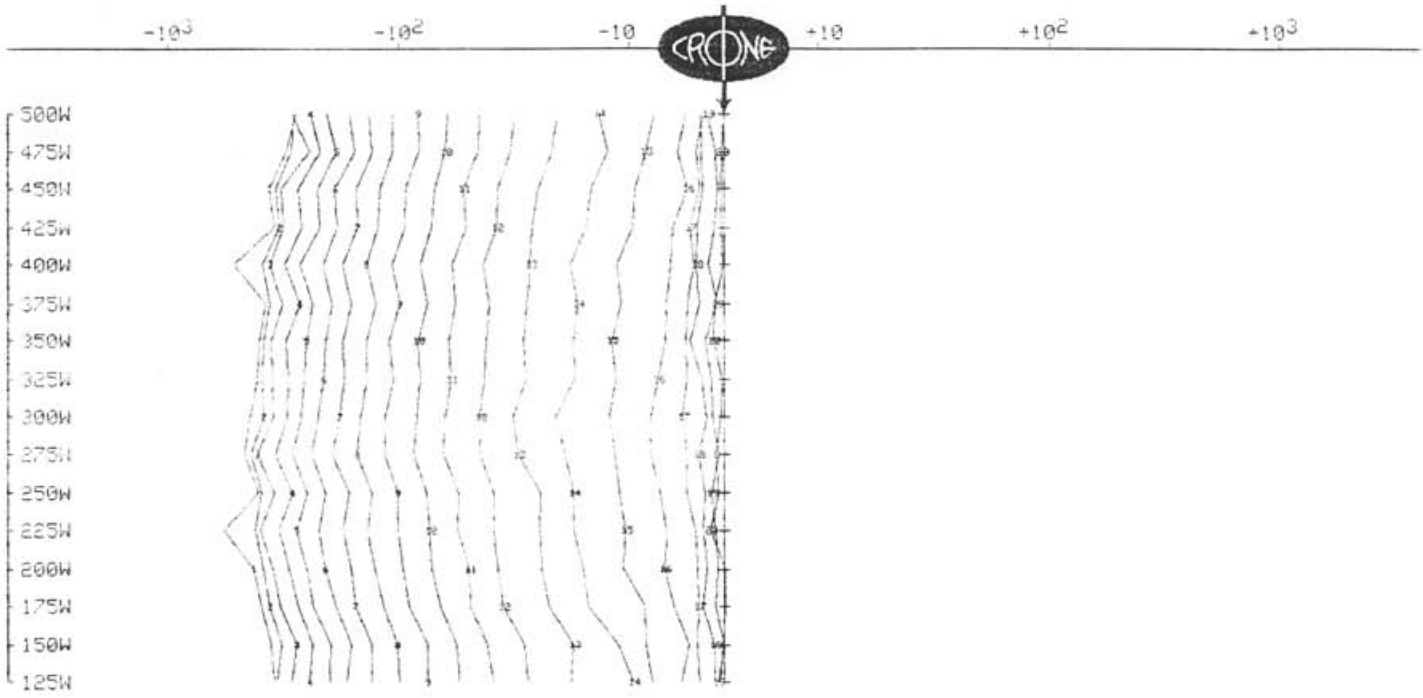


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L600N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 25, 1992
Ramp Time	: 1.00 ms	File	: L600N.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

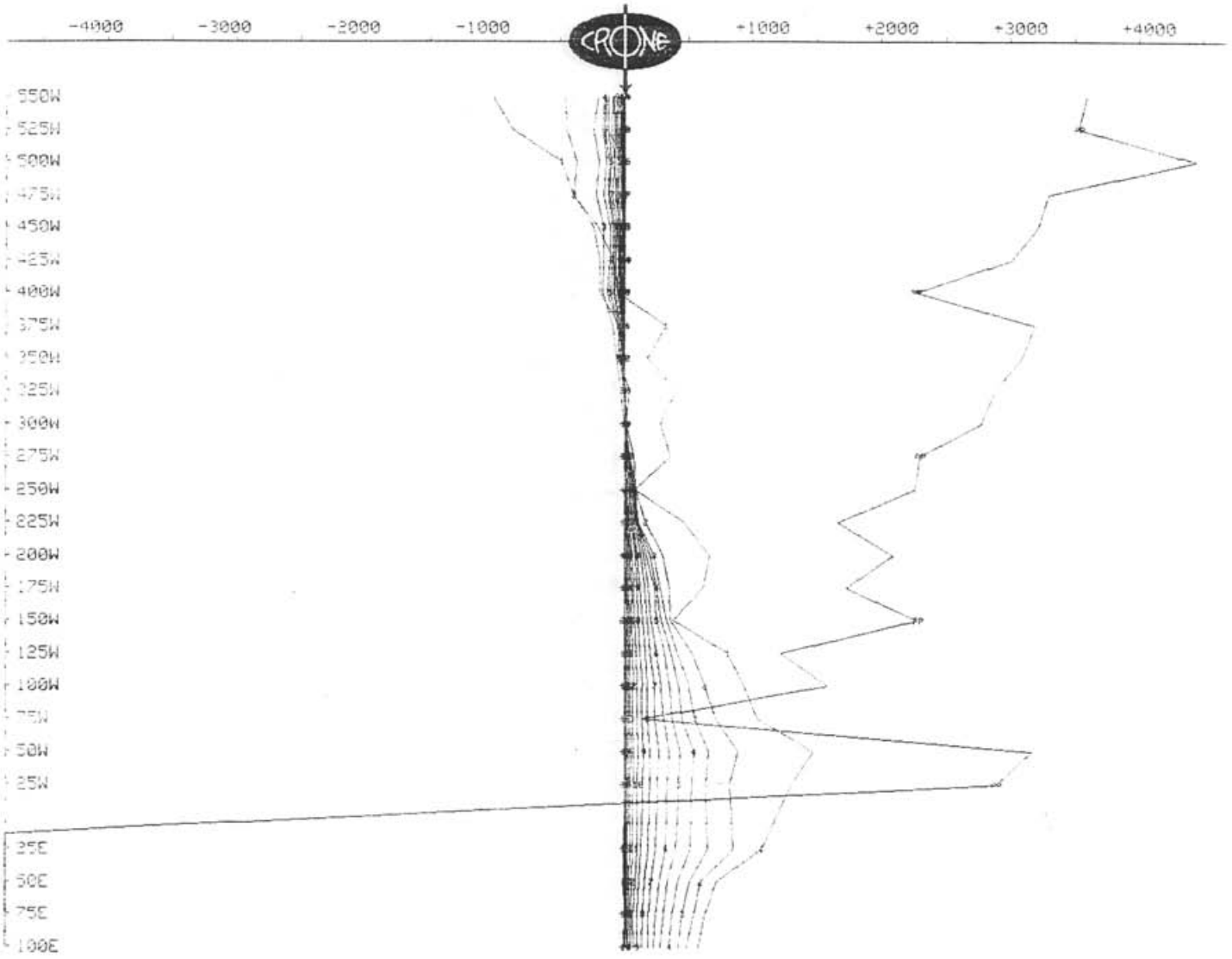


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: **L400N**
Grid	: **MGM**	Tx Loop	: **N**
Time Base	: 16.66 ms	Date	: Jun 26, 1992
Ramp Time	: 1.00 ms	File	: L400N.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

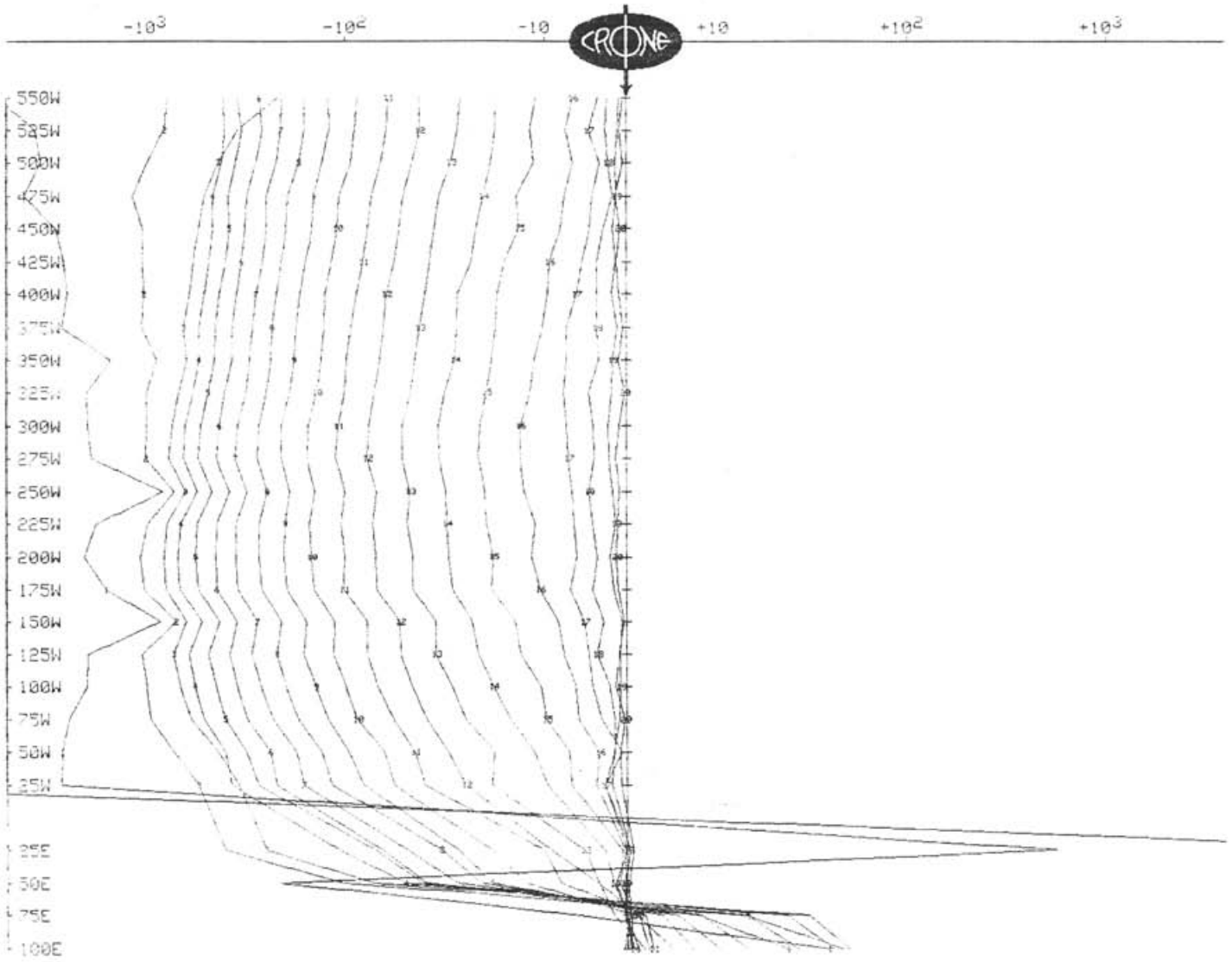


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L400N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 26, 1992
Ramp Time	: 1.00 ms	File	: L400N.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

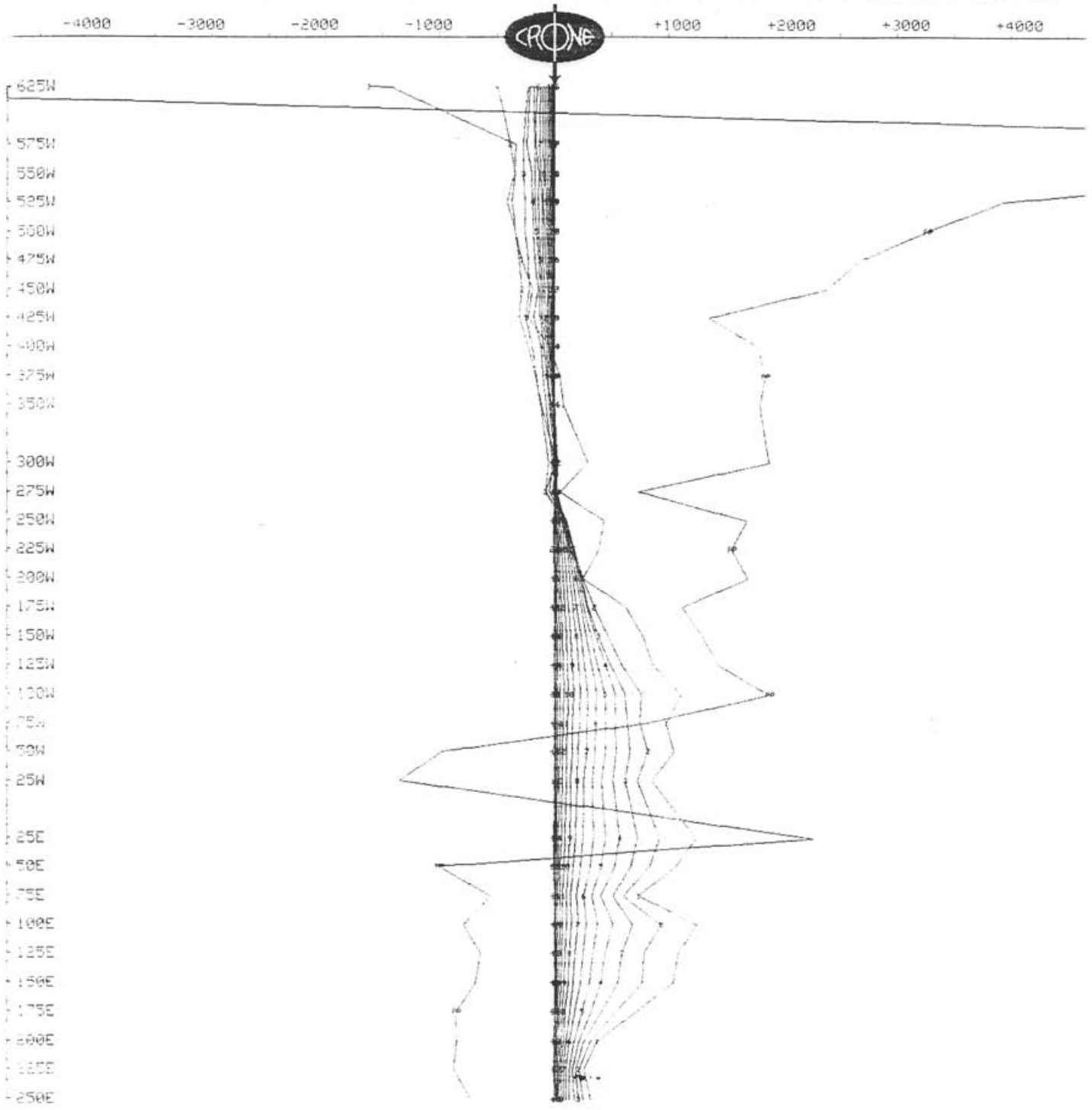


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 26, 1992
Ramp Time	: 1.00 ms	File	: L200N.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

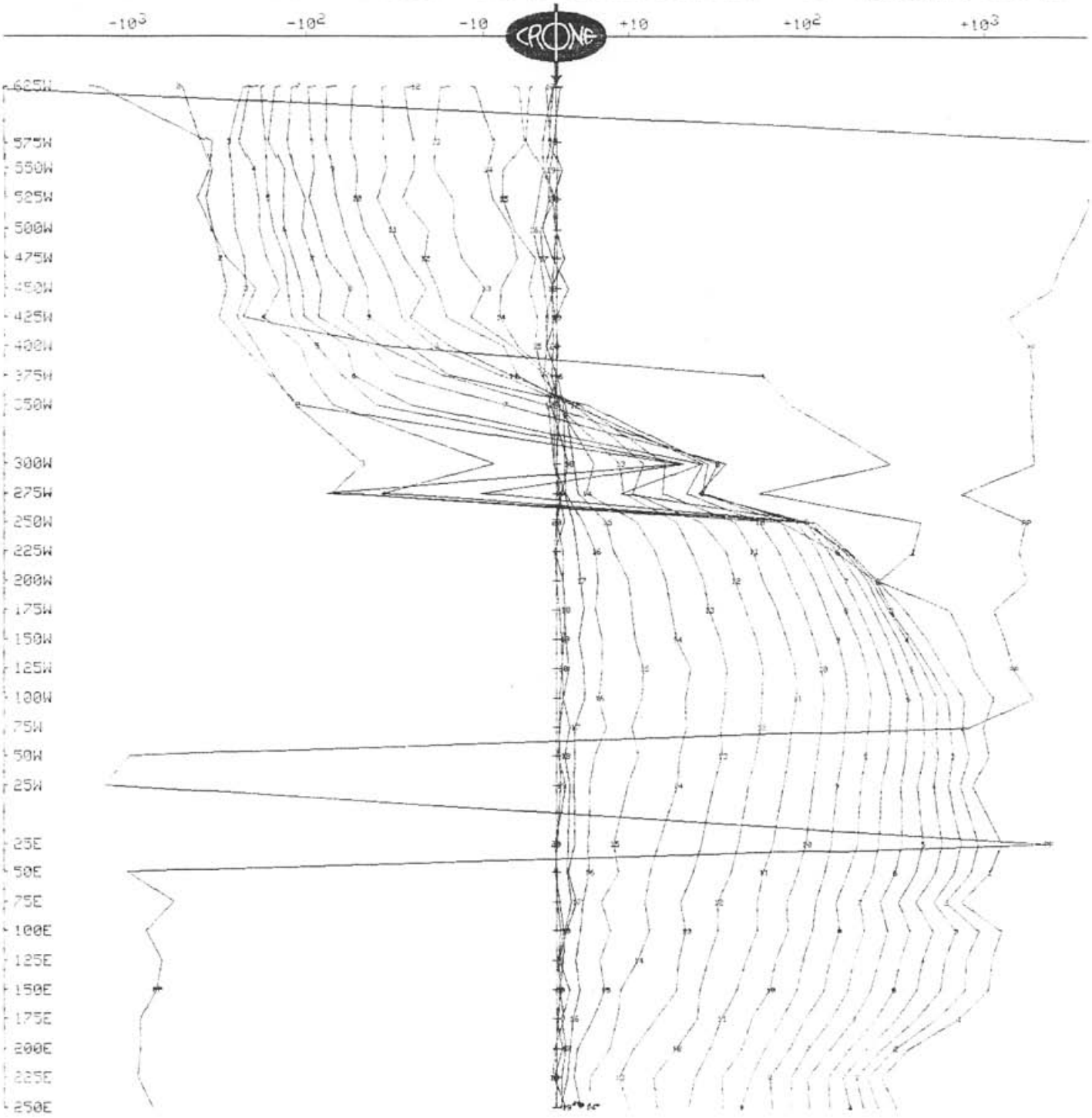


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 26, 1992
Ramp Time	: 1.00 ms	File	: L200N.PEM
Scale	: 1:5000		

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

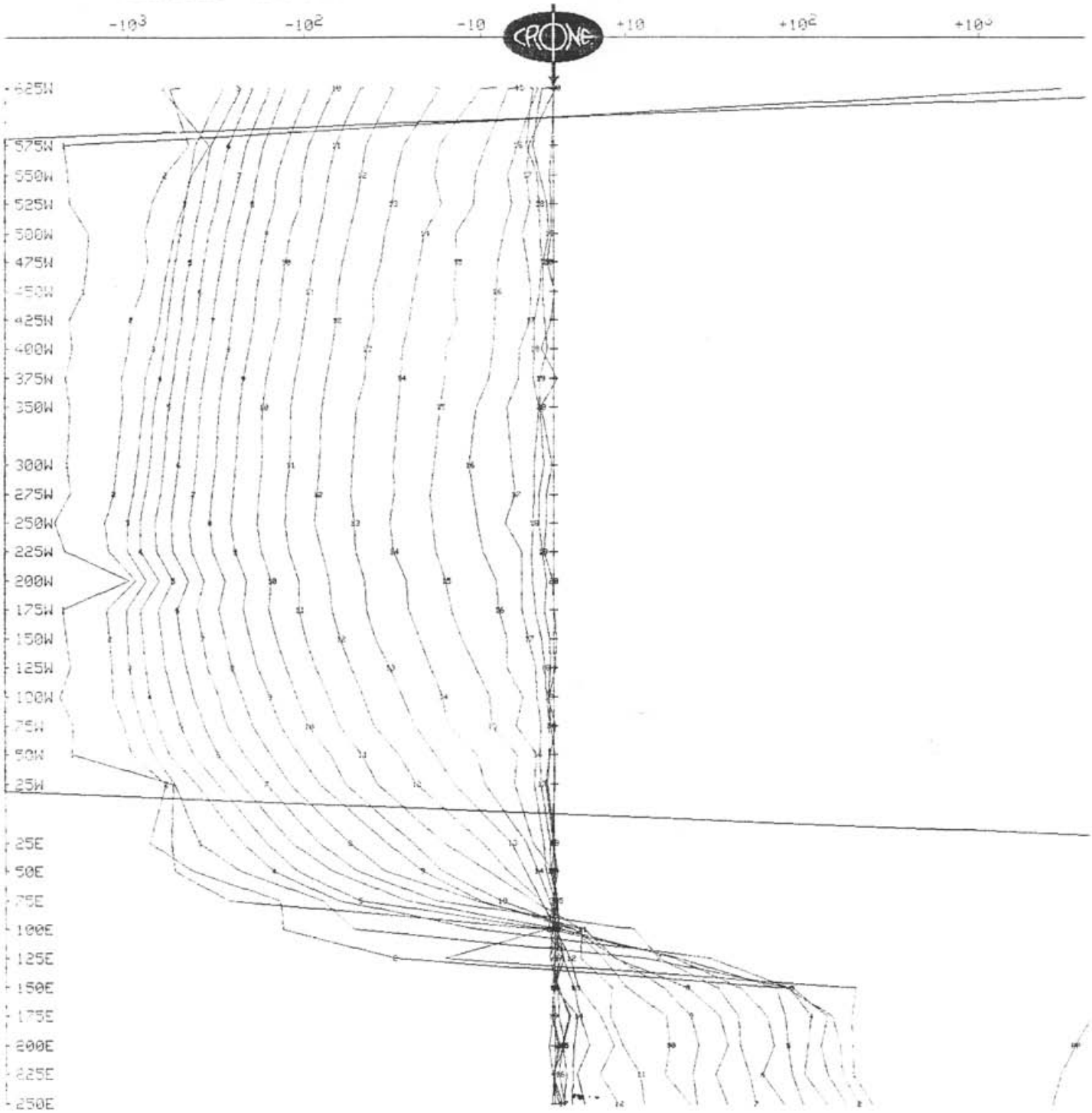


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200N
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 26, 1992
Ramp Time	: 1.00 ms	File	: L200N.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

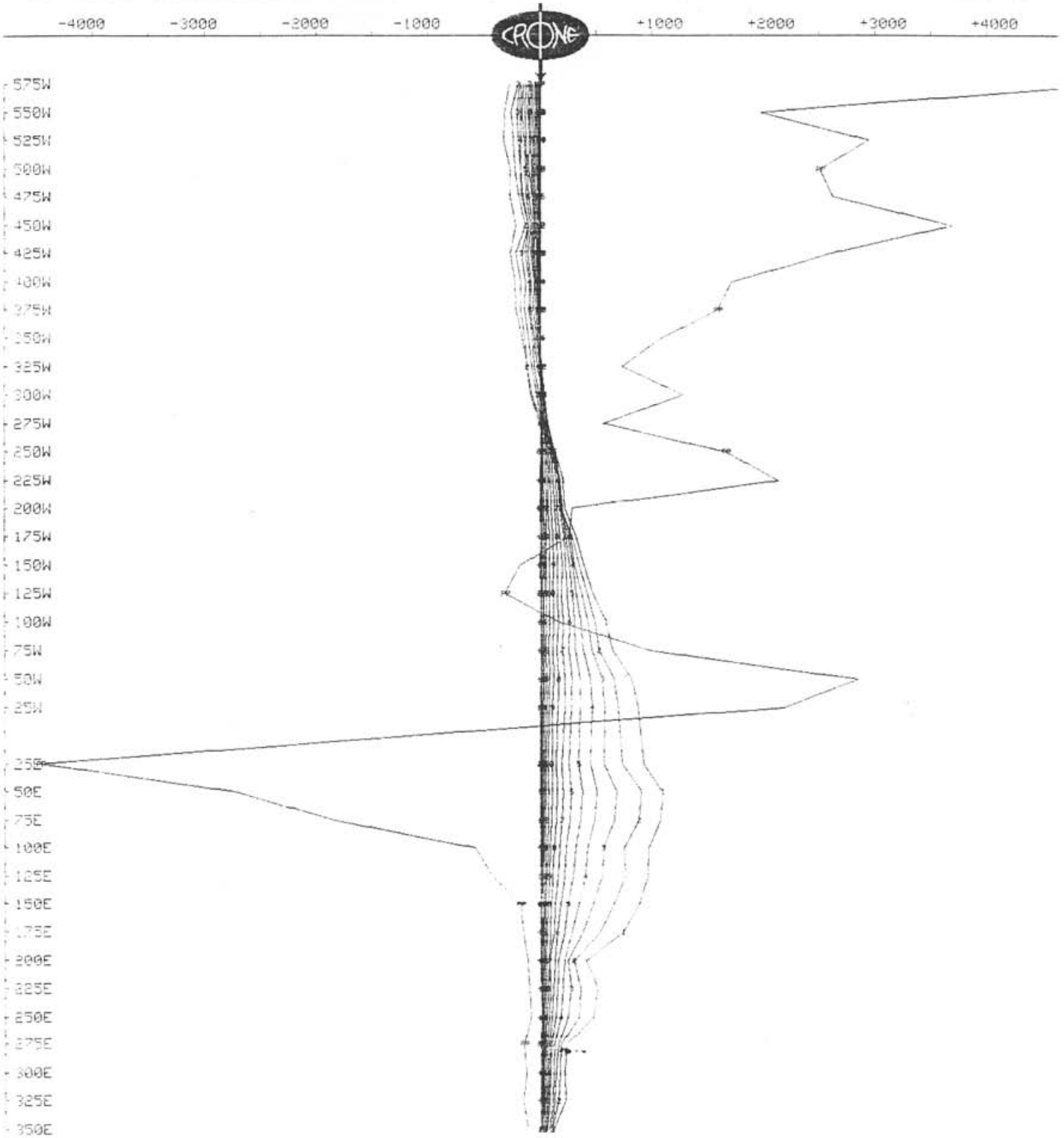


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L000
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 27, 1992
Ramp Time	: 1.00 ms	File	: L000.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

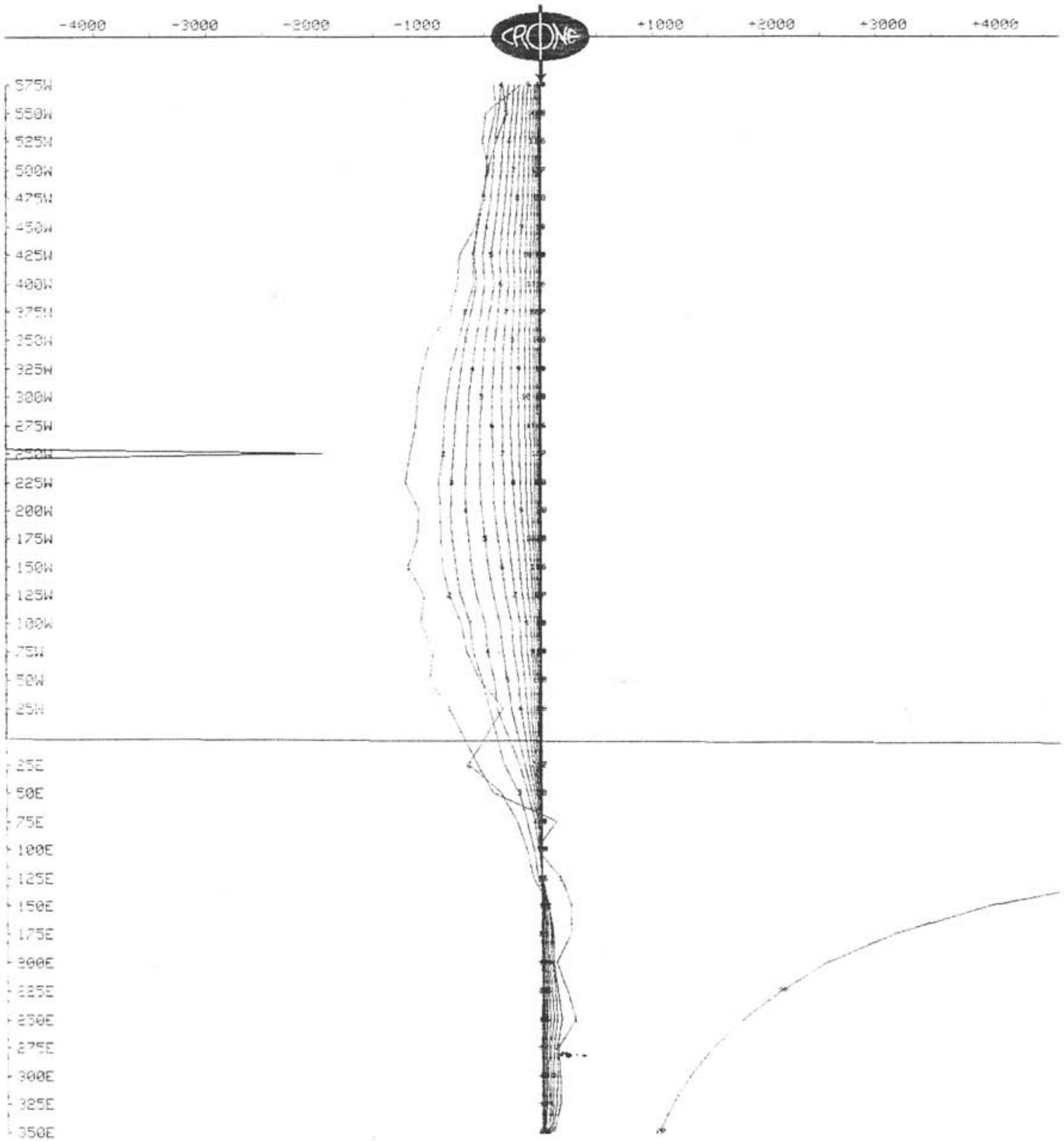


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L000
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 27, 1992
Ramp Time	: 1.00 ms	File	: L000.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

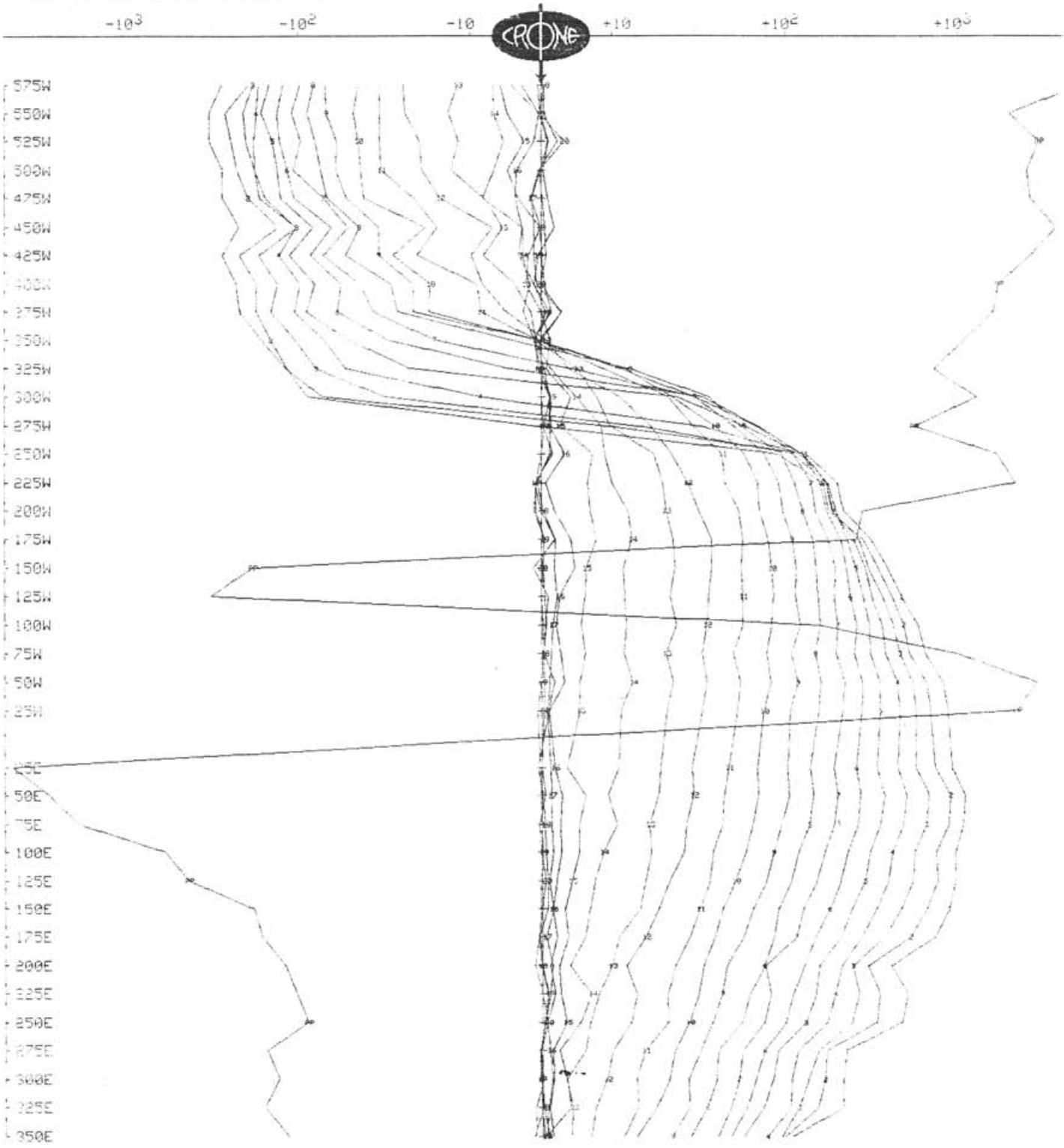


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L000
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 27, 1992
Ramp Time	: 1.00 ms	File	: L000.PEM
Scale	: 1:5000		

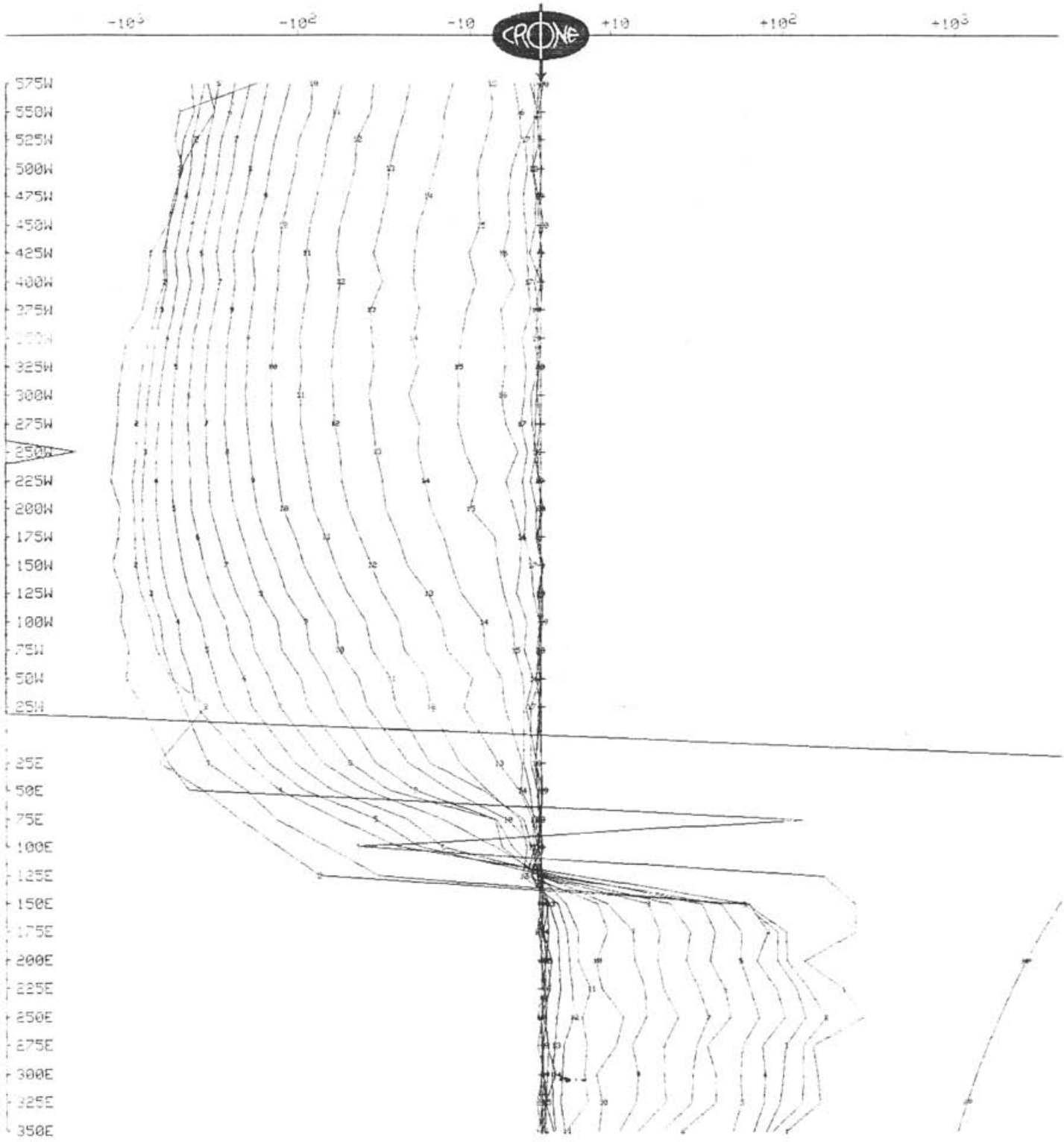
IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L000
Grid	: MGM	Tx Loop	: N
Time Base	: 16.66 ms	Date	: Jun 27, 1992
Ramp Time	: 1.00 ms	File	: L000.PEM
Scale	: 1:5000		

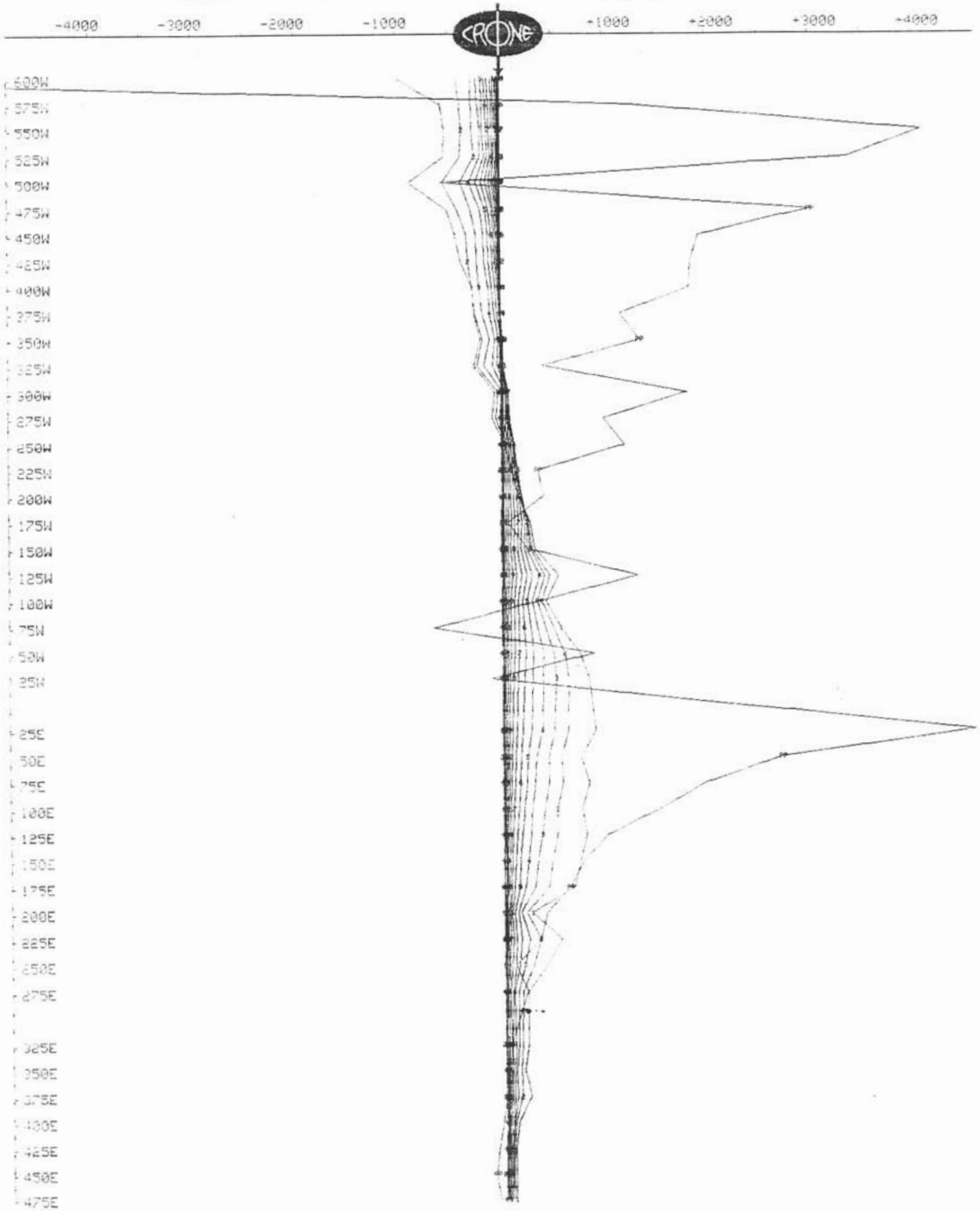
VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200S
Grid	: MGM	Tx Loop	: N1
Time Base	: 16.66 ms	Date	: Jun 28, 1992
Ramp Time	: 1.00 ms	File	: L200S.PEM
Scale	: 1:5000	Unit Scale	: 1cm = 500 nT/s

IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

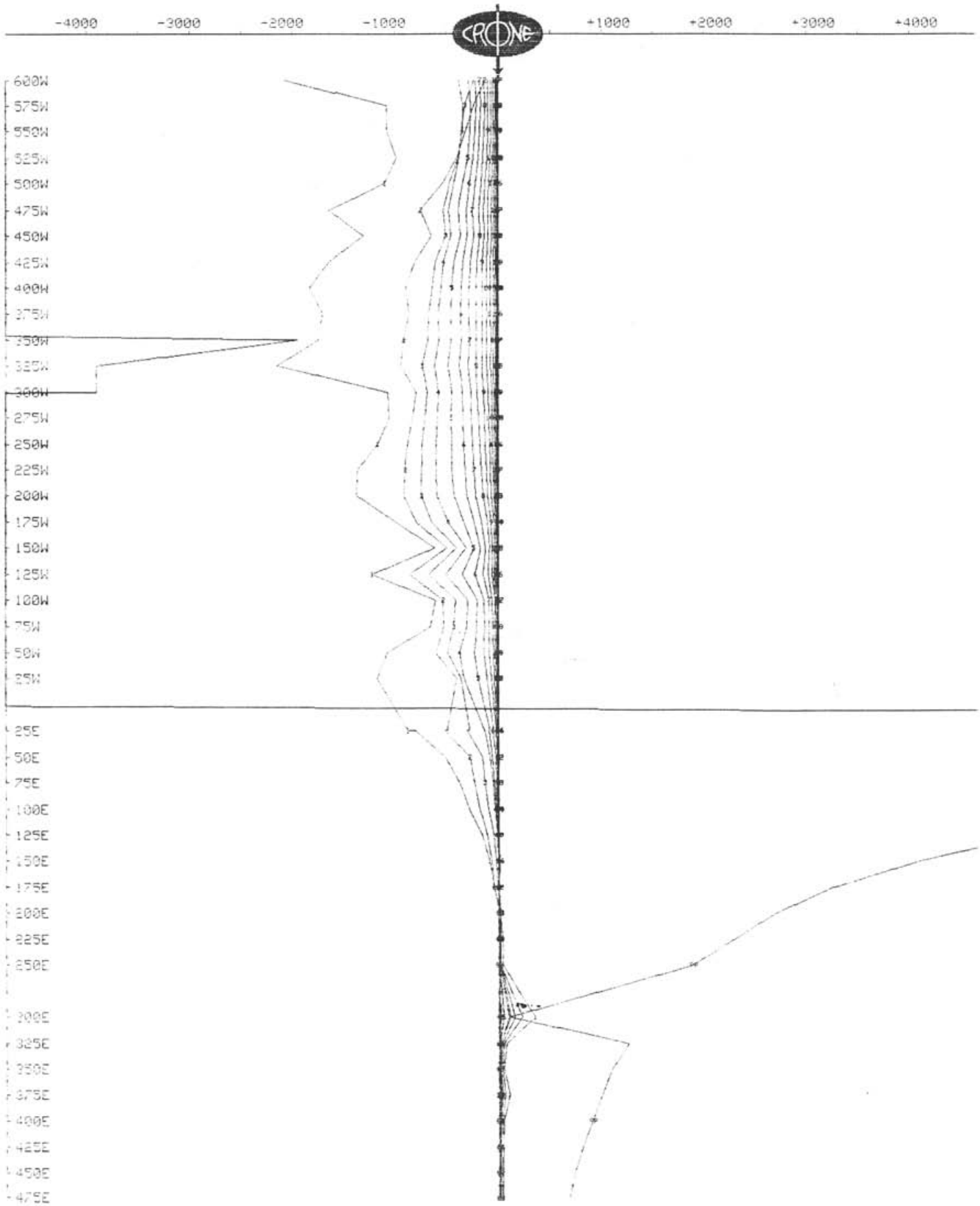


CRONE GEOPHYSICS & EXPLORATION LTD

SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200S
Grid	: MGM	Tx Loop	: N1
Time Base	: 16.66 ms	Date	: Jun 28, 1992
Ramp Time	: 1.00 ms	File	: L200S.PEM
Scale	: 1:5000	Unit Scale:	1cm = 500 nT/s

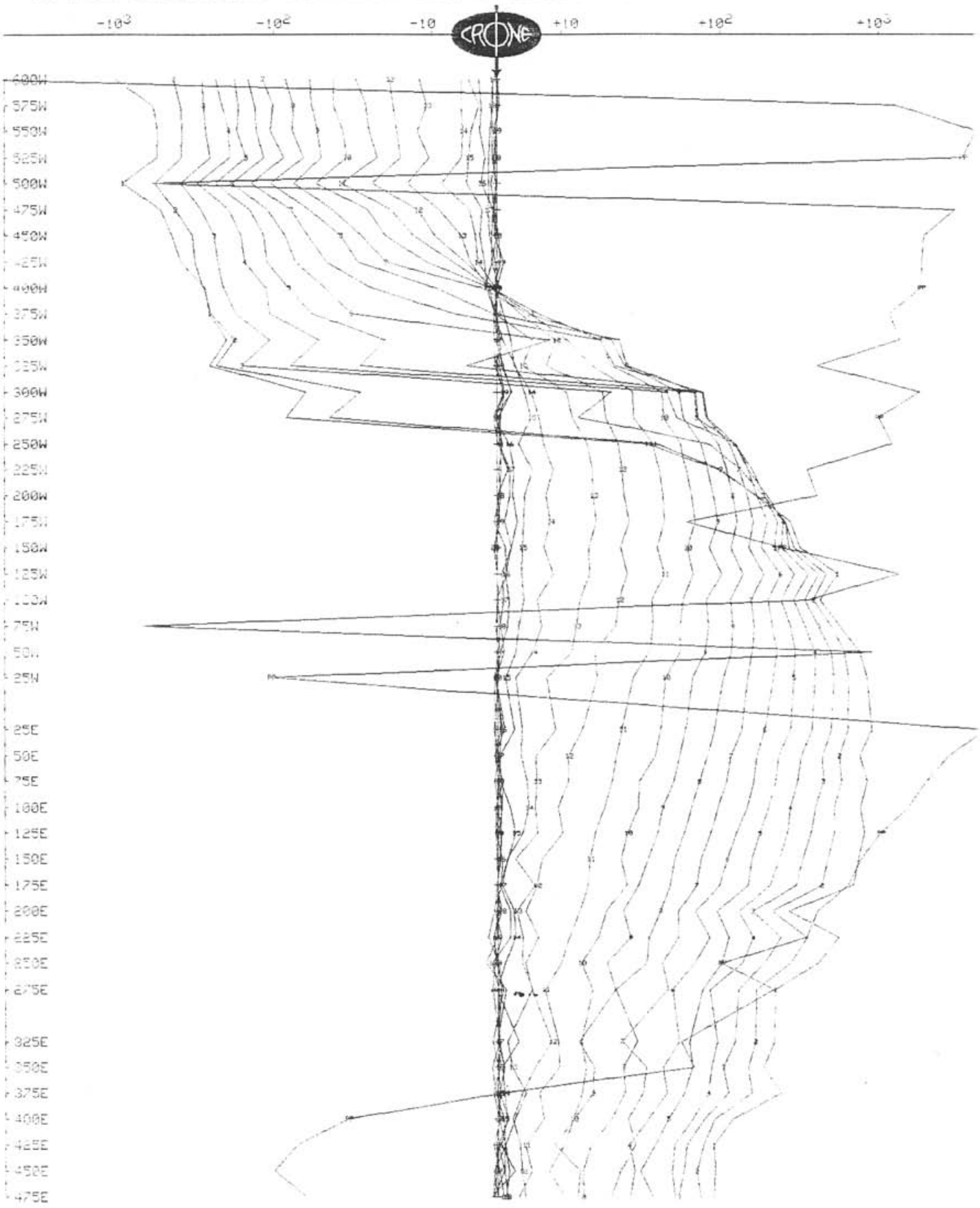
VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200S
Grid	: MGM	Tx Loop	: N1
Time Base	: 16.66 ms	Date	: Jun 28, 1992
Ramp Time	: 1.00 ms	File	: L200S.PEM
Scale	: 1:5000		

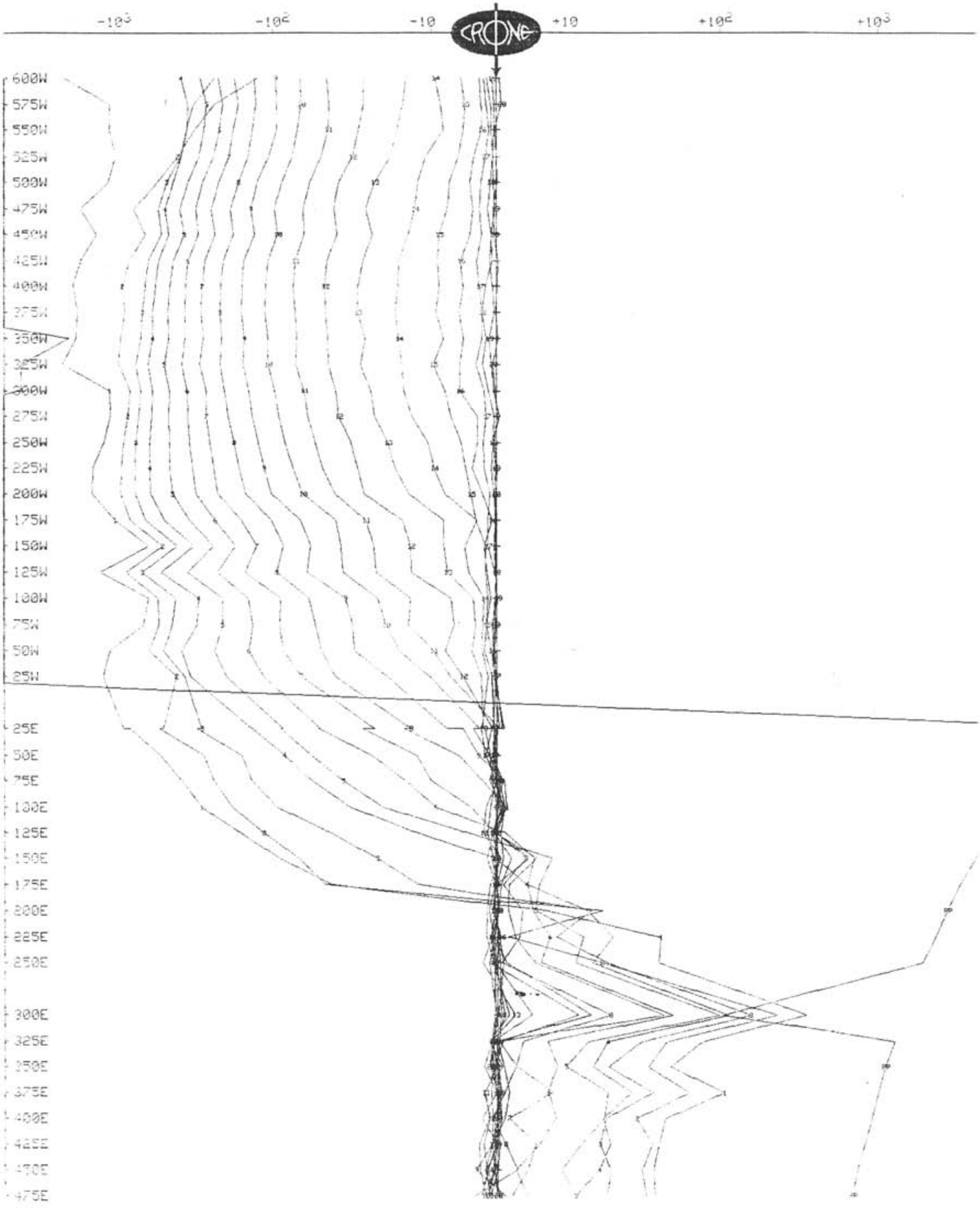
IN-LINE HORIZONTAL COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP



CRONE GEOPHYSICS & EXPLORATION LTD
SURFACE PEM

Client	: TECK/Pacific Geophy.	Line	: L200S
Grid	: MGM	Tx Loop	: N1
Time Base	: 16.66 ms	Date	: Jun 28, 1992
Ramp Time	: 1.00 ms	File	: L200S.PEM
Scale	: 1:5000		

VERTICAL COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP



Downhole Pulse E.M

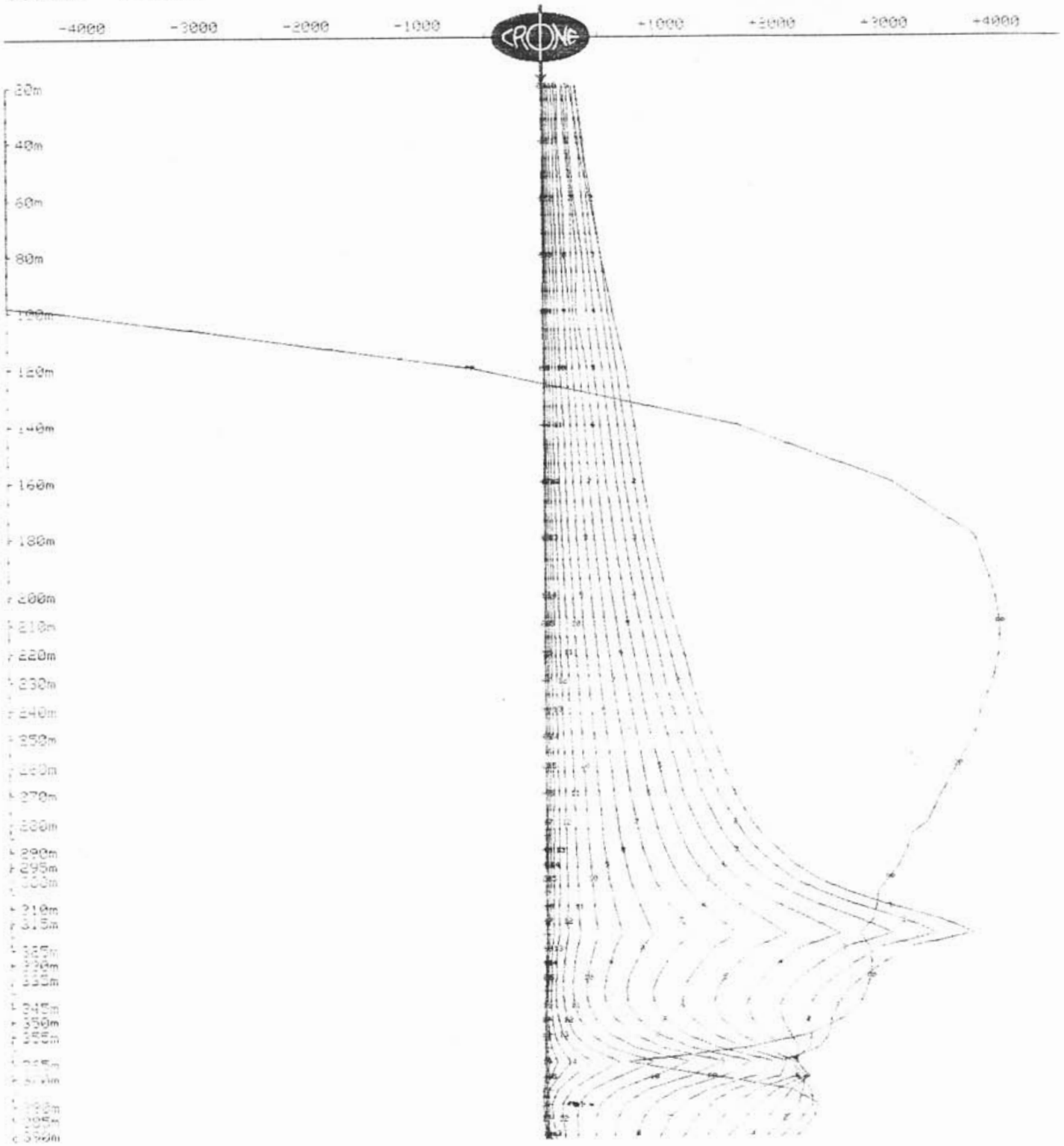
Linear and Log Plots

CRONE GEOPHYSICS & EXPLORATION LTD
BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921N
Date	: Jul 16, 1992	File name	: H921N.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000 Unit Scale: 1cm = 500 nT



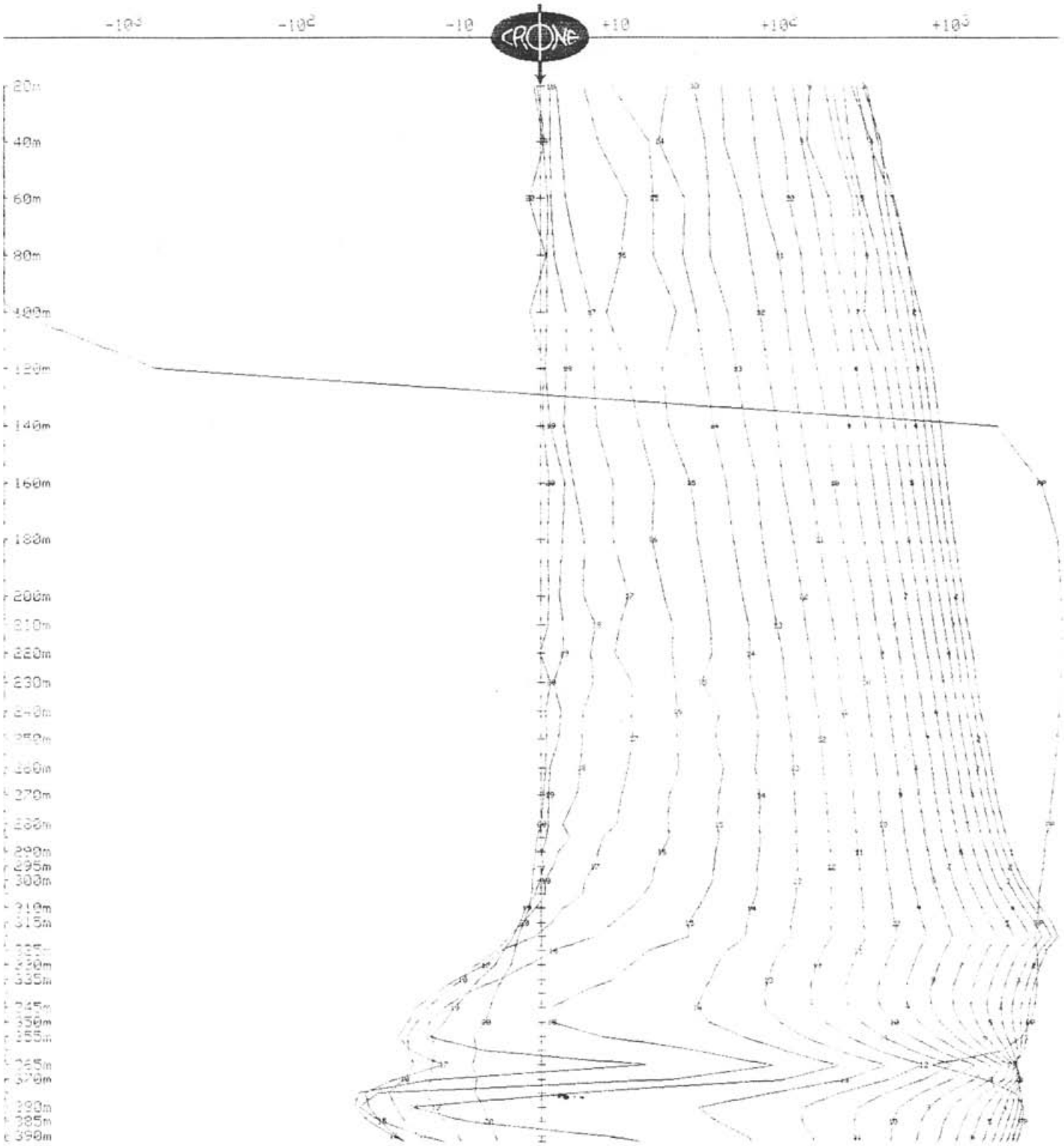
CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921N
Date	: Jul 16, 1992	File name	: H921X.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000

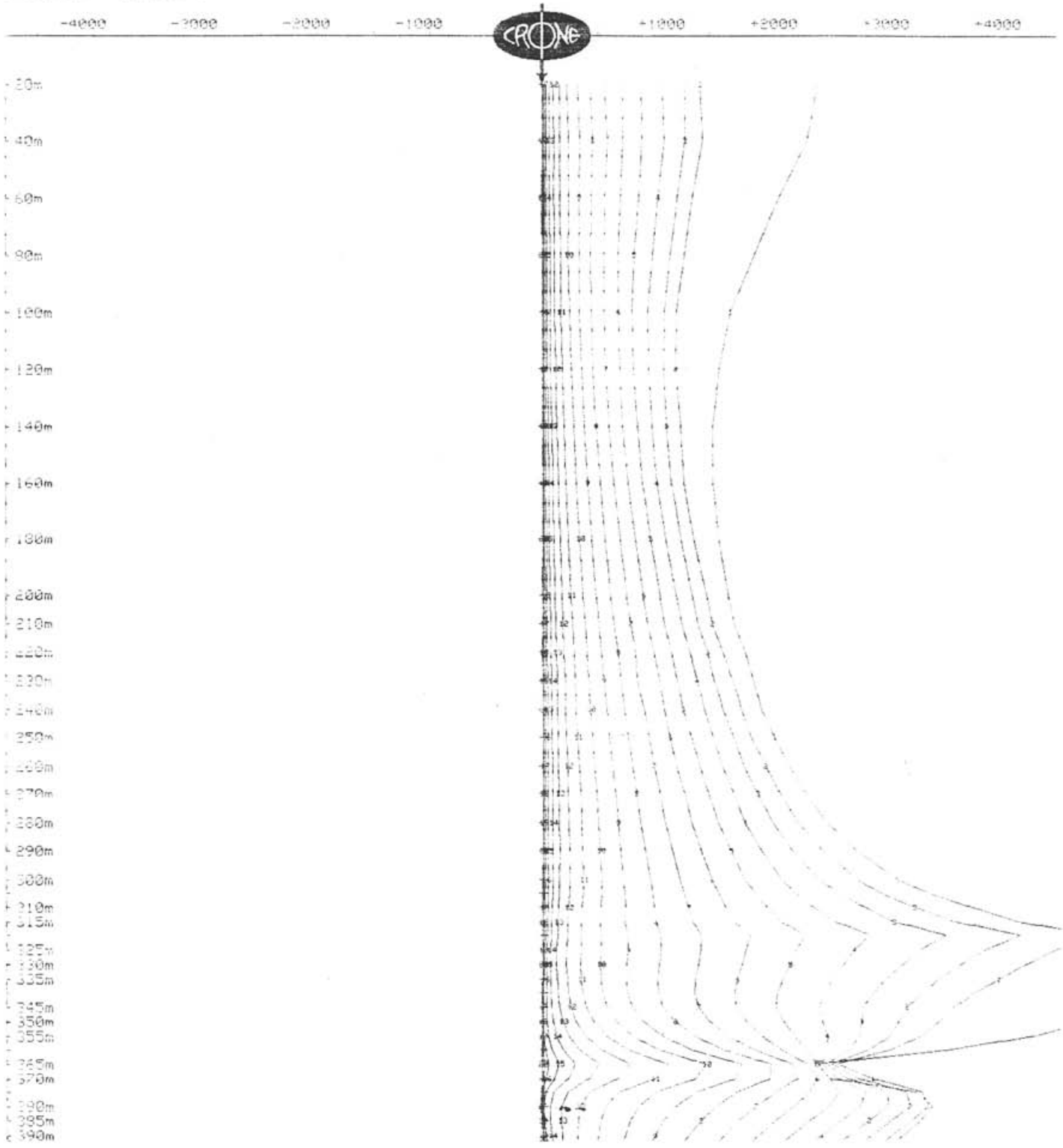


CRONE GEOPHYSICS & EXPLORATION LTD
BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921C
Date	: Jul 16, 1992	File name	: H921C.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000 Unit Scale: 1cm = 500 nT



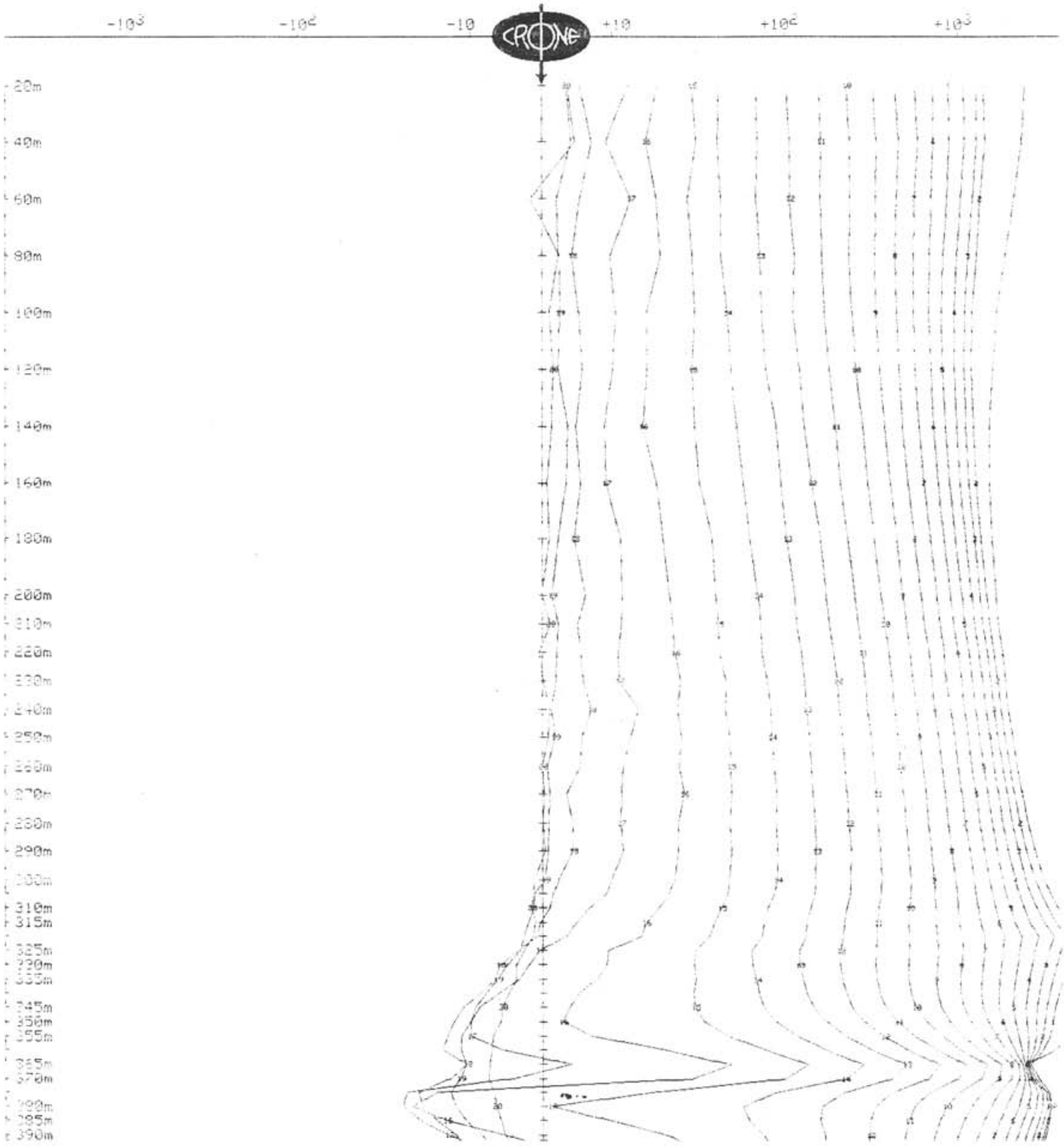
CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921C
Date	: Jul 16, 1992	File name	: H921C.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000

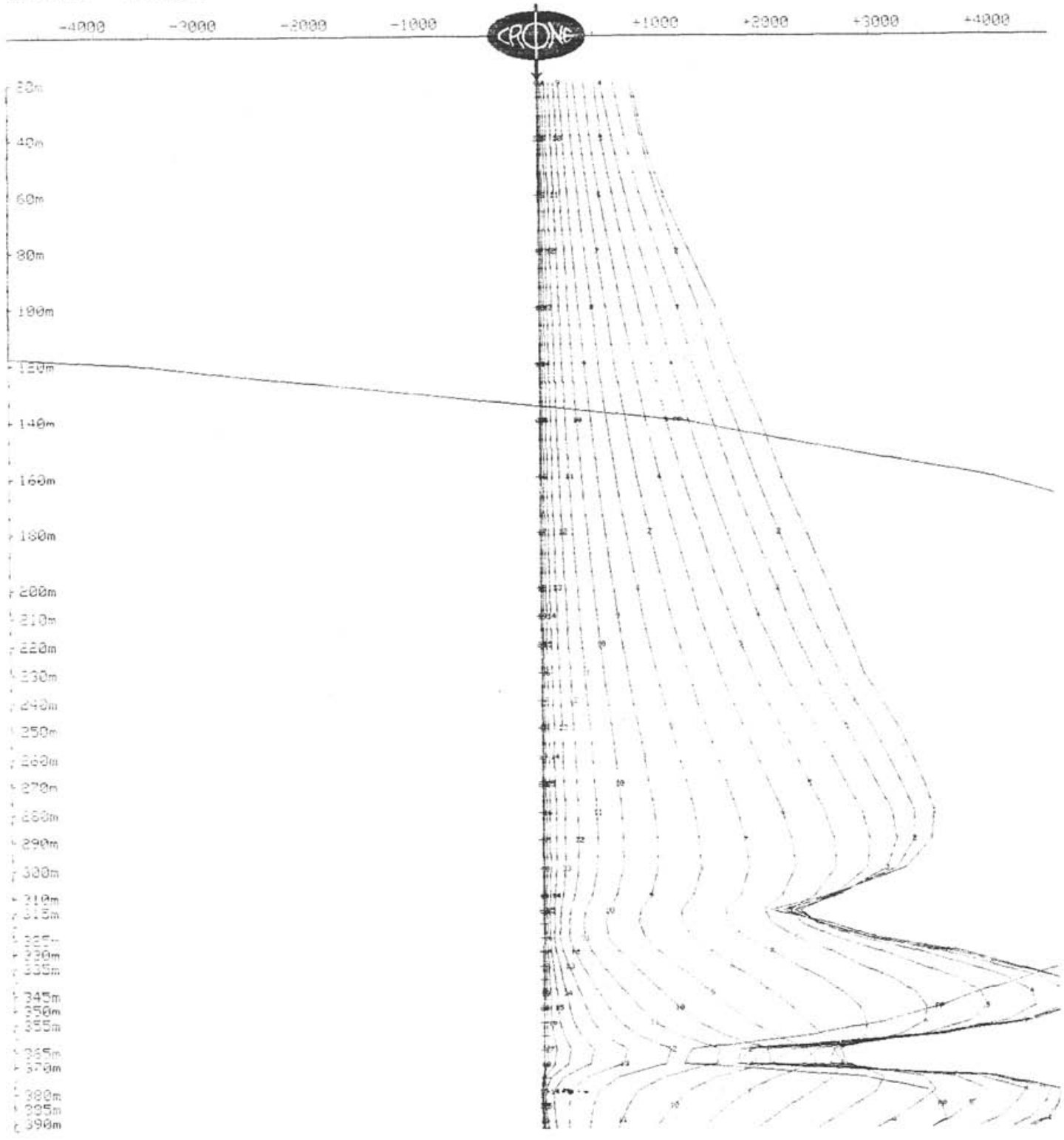


CRONE GEOPHYSICS & EXPLORATION LTD
BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921E
Date	: Jul 17, 1992	File name	: H921E.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000 Unit Scale: 1cm = 500 nT



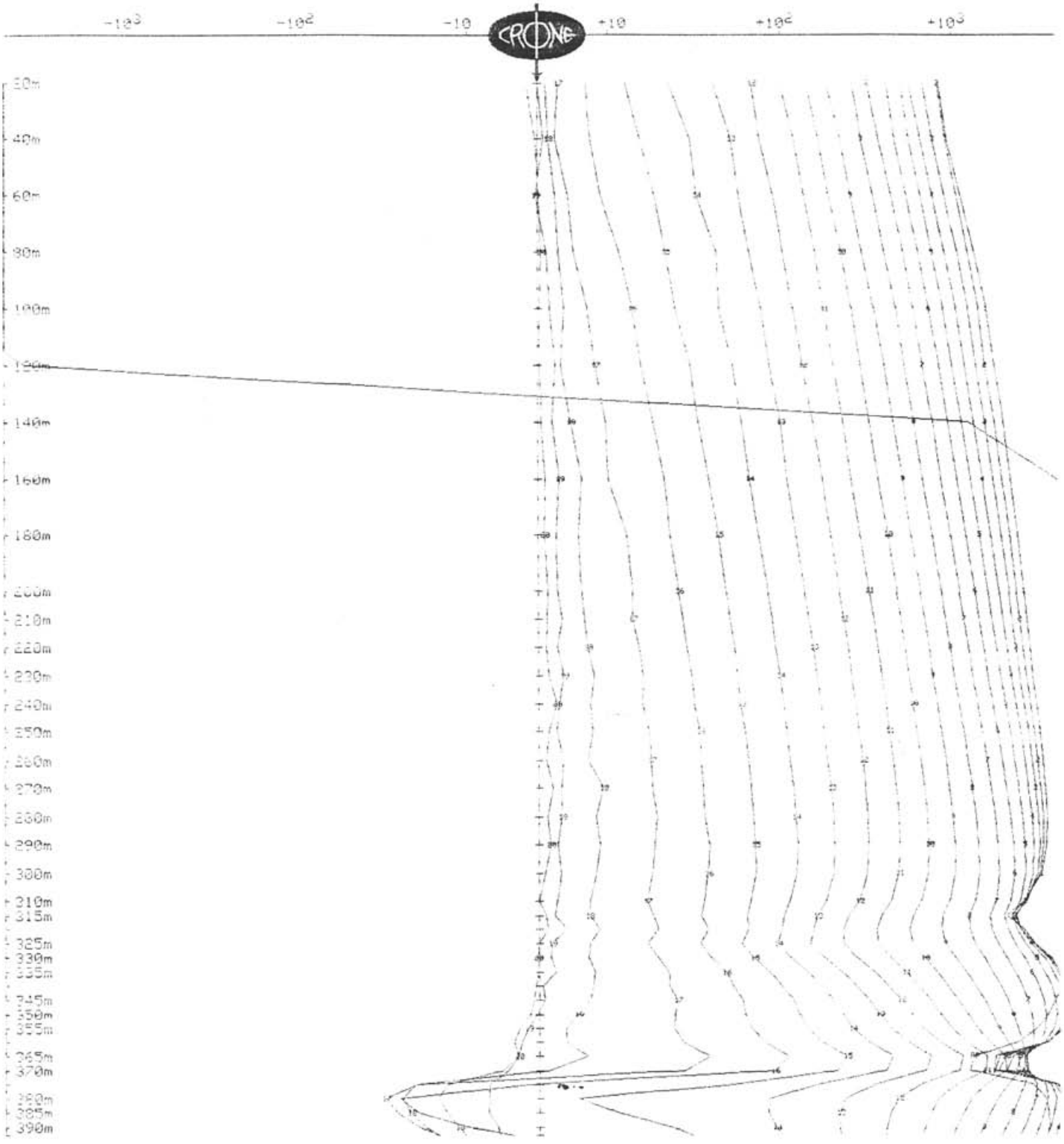
CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921E
Date	: Jul 17, 1992	File name	: H921E.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000



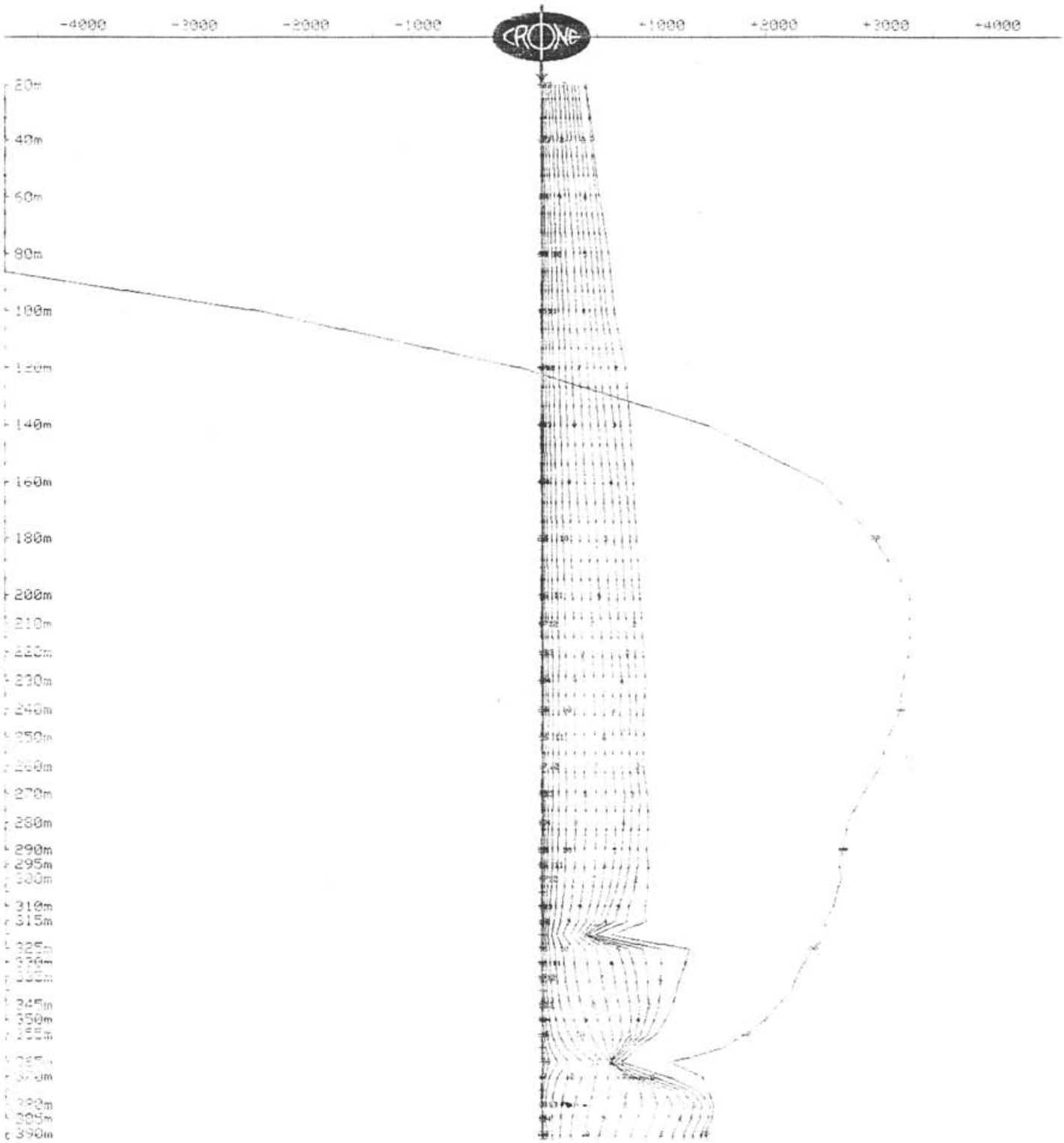
CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921S
Date	: Jul 16, 1992	File name	: H921S.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000 Unit Scale: 1cm = 500 nT



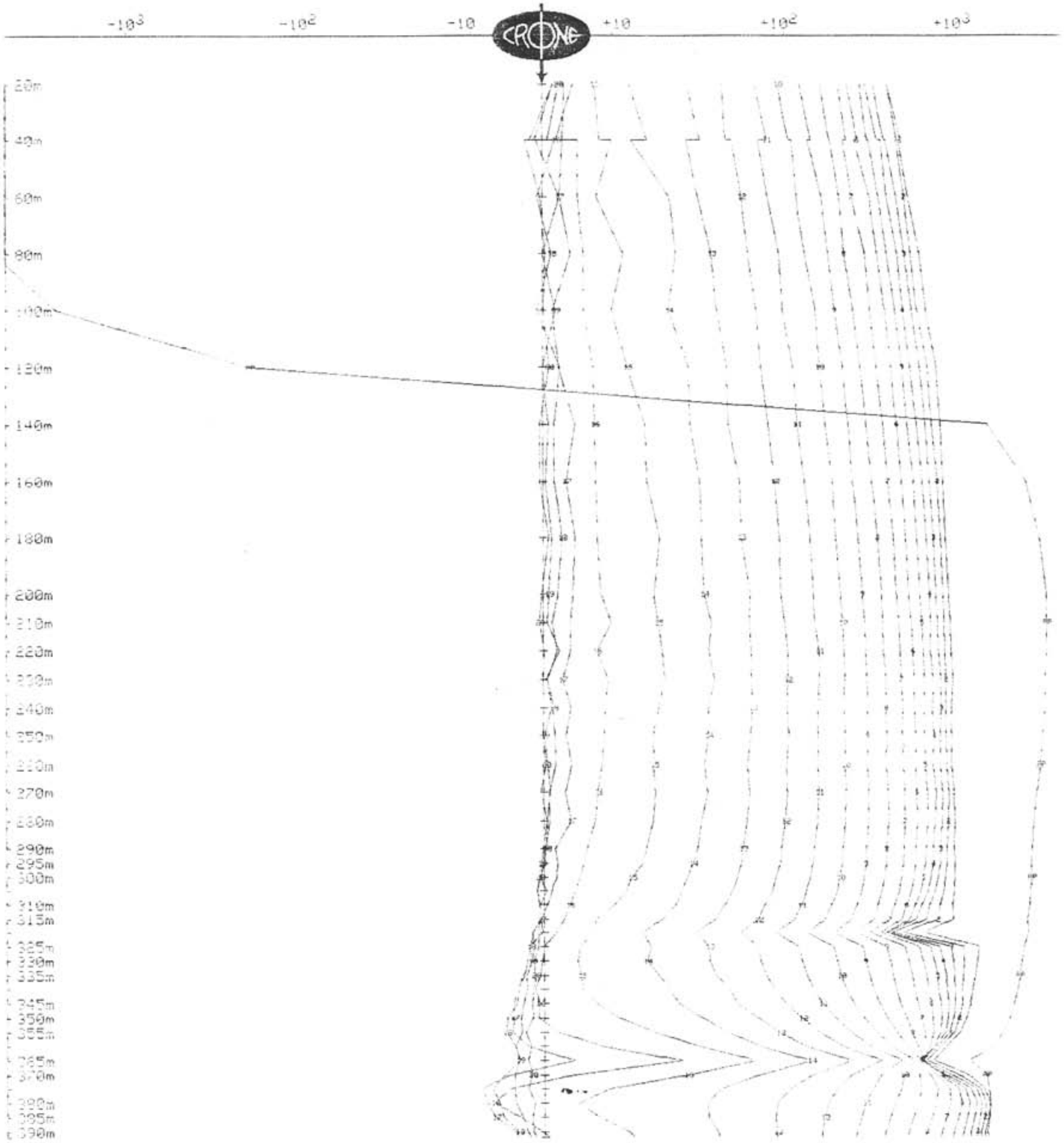
CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H921
Grid	: MGM	Tx Loop	: H921S
Date	: Jul 16, 1992	File name	: H921S.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000

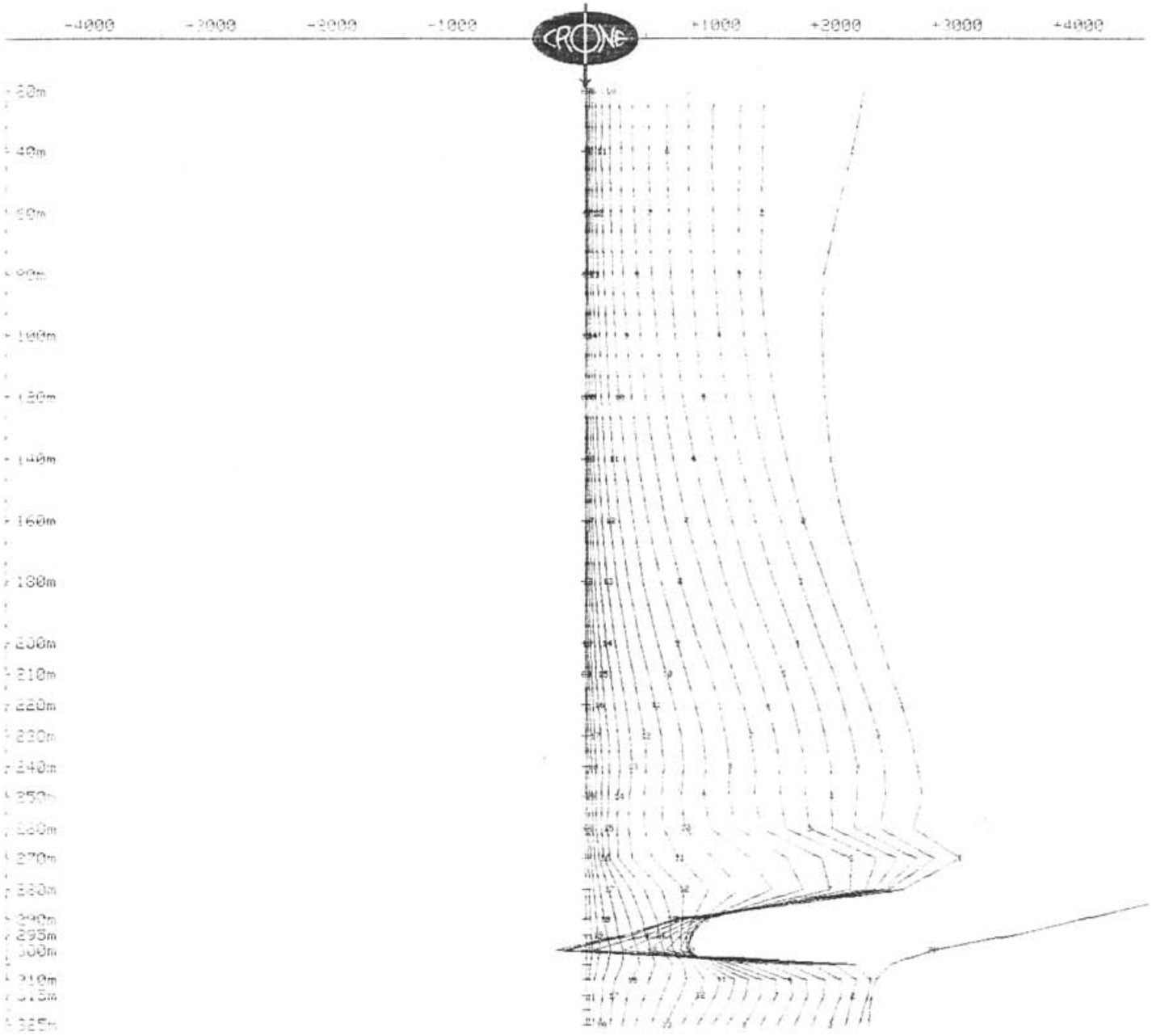


CRONE GEOPHYSICS & EXPLORATION LTD
BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H922C
Grid	: MGM	Tx Loop	: 922C
Date	: Jul 26, 1992	File name	: H922C.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000 Unit Scale: 1cm = 500 nT



CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

Client	: TECK/Pacific Geophy.	Hole	: H922C
Grid	: MGM	Tx Loop	: 922C
Date	: Jul 26, 1992	File name	: H922C.PEM

X COMPONENT dBx/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000