GEOPHYSICAL, GEOLOGICAL AND DRILL REPORT

ON THE

MOUSE MOUNTAIN PROPERTY

NTS 93G/1 and 93B/16

Latitude 53° 02'
Longitude 122° 19'

Claims:
Mouse, Mouse 2, Lyn 1, Excel 5, QM 1, QM 2, Excel 2, Excel 3,
MTN, MTN #2, Beaver 1, Beaver 2, MM 1, MM 2, MM 3

Cariboo Mining Division

by

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March 1, 1992

SUMMARY

The Mouse Mountain Property, optioned from Quesnel Mines Limited in December of 1990, is located 15 kilometres east-northeast of Quesnel B.C. between the Quesnel River and Cottonwood River. It includes 219 claim units and is readily accessible via the Quesnel-Barkerville highway that crosses through the centre of the property.

Most of the previous exploration work has been focused on copper-gold showings found in the immediate vicinity of Mouse Mountain, located in what is now the centre of the property. A carload of hand sorted ore was produced from copper-gold-silver showing in 1956. An attempt was made by Euclid Mining corporation to leach low grade copper mineralization from this area in 1967. Other work consisted of percussion drilling (Bethlehem Copper, 1970, Dupont of Canada Limited, 1970), soil sampling (Hudson's Bay Oil and Gas Company, 1974, First Nuclear Corporation, 1981-1984, Placer Dome Inc., 1989), trenching (Quesnel Mines Ltd., 1986) and VLF-EM, Magnetometer and I.P. surveys (Quesnel Mines Ltd., 1986, Placer Dome Inc., 1989). Minor low grade copper mineralization was found in the Mouse Mountain area in volcanic rocks surrounding alkalic stocks. A 19.5 kilometre magnetometer/VLF-EM survey conducted in the southern part of the property by Teck Exploration Ltd. in March of 1991 outlined a prominent 600 metre diameter magnetic high.

The claims are situated in the central part of a narrow northwesterly trending assemblage of Upper Triassic and Lower Jurassic island arc volcanics and associated sedimentary facies known as the Quesnel belt. The western boundary of the central Quesnel belt, which is located close to the Mouse Mountain property, is often obscured by overburden and Tertiary volcanics. This boundary is thought to be marked by a high angle extension of the Pinchi fault, a major strike slip to the northwest. The eastern boundary is marked by the Eureka thrust. The most important mineral occurrences in the area, usually consisting of copper with associated gold, are found within or adjacent to alkalic stocks that intrude the central Quesnel belt. The two most important deposits in the area are the Mt. Polley copper-gold deposit and the QR gold deposit (with associated copper).

The majority of the outcrop on the property is found in the Mouse Mountain area in the centre of the property. A northwesterly trending assemblage of basaltic rocks and heterolithic felsic breccias is found on the property. Stocks ranging in composition from syenite to monzodiorite-diorite cut the intrusive and volcanic breccias at two locations in the Mouse Mountain area.

Disseminated pyrite, chalcopyrite and bornite is found at some locations in potassically or propylitically altered siliceous breccias near intrusive contacts. The four main showings in the area are found in a northwesterly trending linear zone along the eastern edge of Mouse Mountain. Chloritic alteration is pervasive throughout most the Mouse Mountain area. Pyritic zones are found along the northern, southern and eastern margins of Mouse Mountain. Potassic alteration occurs along the top of Mouse Mountain and extends towards its eastern edge. Southeast of Mouse Mountain propylitically altered basalts with a pervasive chlorite and calcite overprinting are thought to be similar to the unit that hosts gold mineralization at the QR deposit.

From June to August of 1991 Teck conducted 130.3 kilometres of total field magnetics and VLF-EM on three separate grids on the property. Several 200 to 600 metre diameter magnetic high anomalies were found in an area extending from Mouse Mountain to the southwestern property boundary. The majority of the conductive VLF-EM anomalies located trend in a northwesterly direction.

A 9.5 kilometre I.P. survey was conducted on the property in September of 1991. Chargeability anomalies were located on the southern and western edges of Mouse Mountain.

In October of 1991 nine holes totalling 915.62 metres were drilled in the Mouse Mountain area. Mineralization in the holes returned only short intervals with low grade copper and gold. The best intersection from the program returned 18.29 metres of 1621 ppm Cu. This includes a 6.1 metre section containing 0.31% copper and 123 ppb gold.

The best exploration target on the property occurs east of Mouse Mountain where coincidental copper soil, magnetic and chargeability anomalies are found. A small diamond drill program to test this area is recommended.

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INTRODUCTION

Teck Corporation optioned the Mouse Mountain property (Figure 1) from Quesnel Mines Limited in December of 1989. This report describes exploration work completed by Teck Explorations Ltd. between June 1, 1991 and February 29, 1992, including:

1) geological mapping of the entire property at a scale of 1:10,000
2) geological mapping of the Mouse Mountain area at a scale of 1:5,000
3) the establishment of 130.3 kilometres of chain and compass grid lines
4) ground magnetic and VLF-EM surveys conducted on the chain and compass lines
5) the establishment of 8 kilometres of line of sight cut grid lines
6) 9.5 line kilometres of pole-dipole time domain I.P. surveys
7) 915.62 metres of diamond drilling

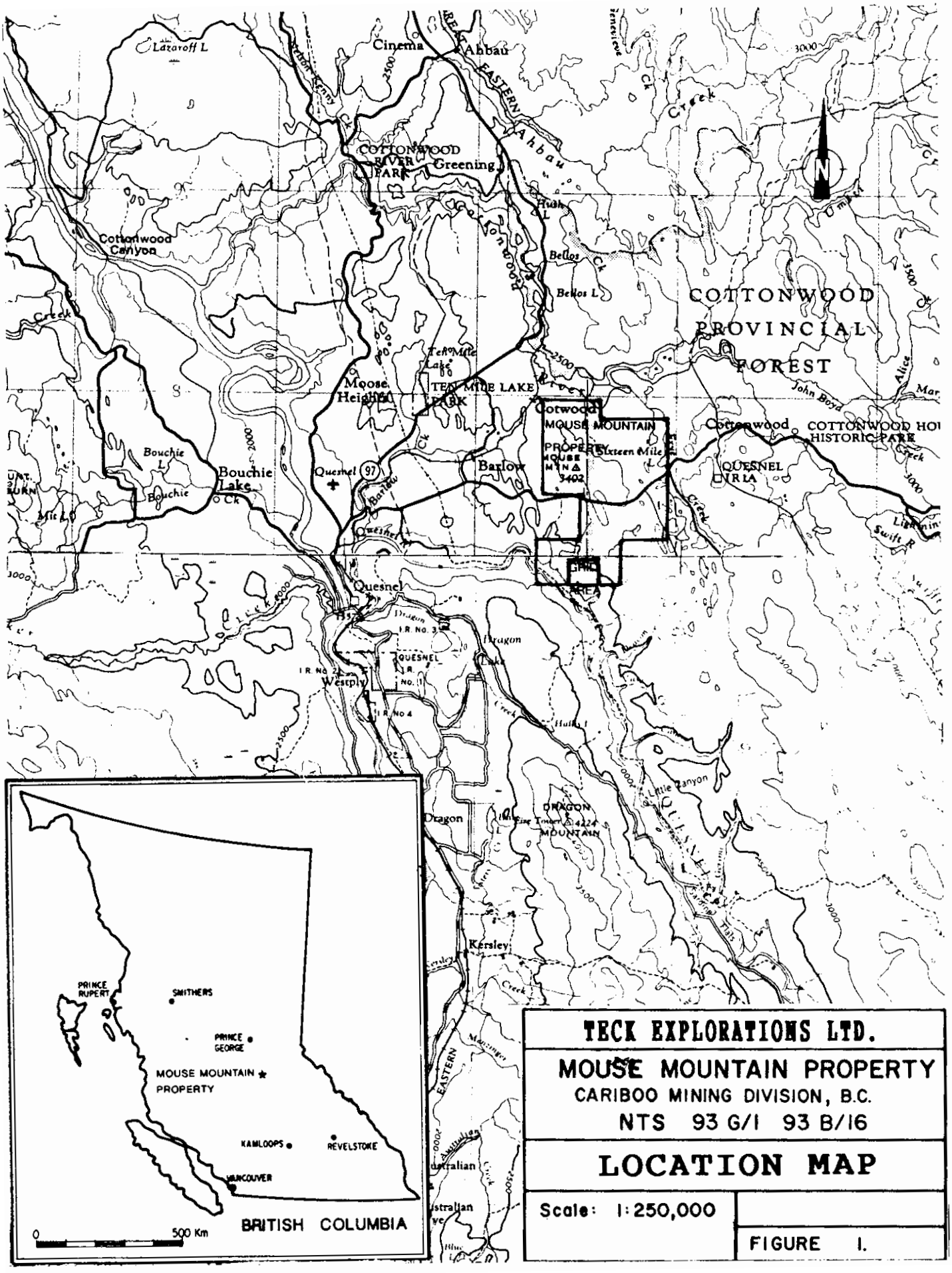
LOCATION AND ACCESS

The Mouse Mountain property is located 15 kilometres east-northeast of Quesnel in south-central British Columbia, between the Cottonwood River and the Quesnel River. The Quesnel-Barkerville Highway crosses through the centre of the property. A secondary exploration road that originates at the Quesnel-Barkerville Highway provides access to the survey area described in this report. A network of old logging and exploration roads provides easy access to much of the property.

PHYSIOGRAPHY

The claims are found within the Fraser Basin of the Interior Plateau. Relief varies from a high of 1025 metres on Mouse Mountain in the centre of the property to a low of 518 metres along the Quesnel River in the southwest corner of the property. Low cliffs and steep bluffs are found in the vicinity of Mouse Mountain with gently rolling hills sloping away from Mouse Mountain in all directions.

Vegetation consists of second growth spruce, fir, balsam, cedar, birch and poplar with moderate undergrowth consisting of willow, alder, devil's club and other minor shrubs. The region contains several areas cleared for agriculture and logging and minor small lakes and swampy depressions.



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MOUSE MOUNTAIN PROPERTY

CARIBOO MINING DIVISION, B.C.

NTS 93 G/1 93 B/16

LOCATION MAP

Scale: 1:250,000

FIGURE 1.

CLAIM STATUS AND OWNERSHIP

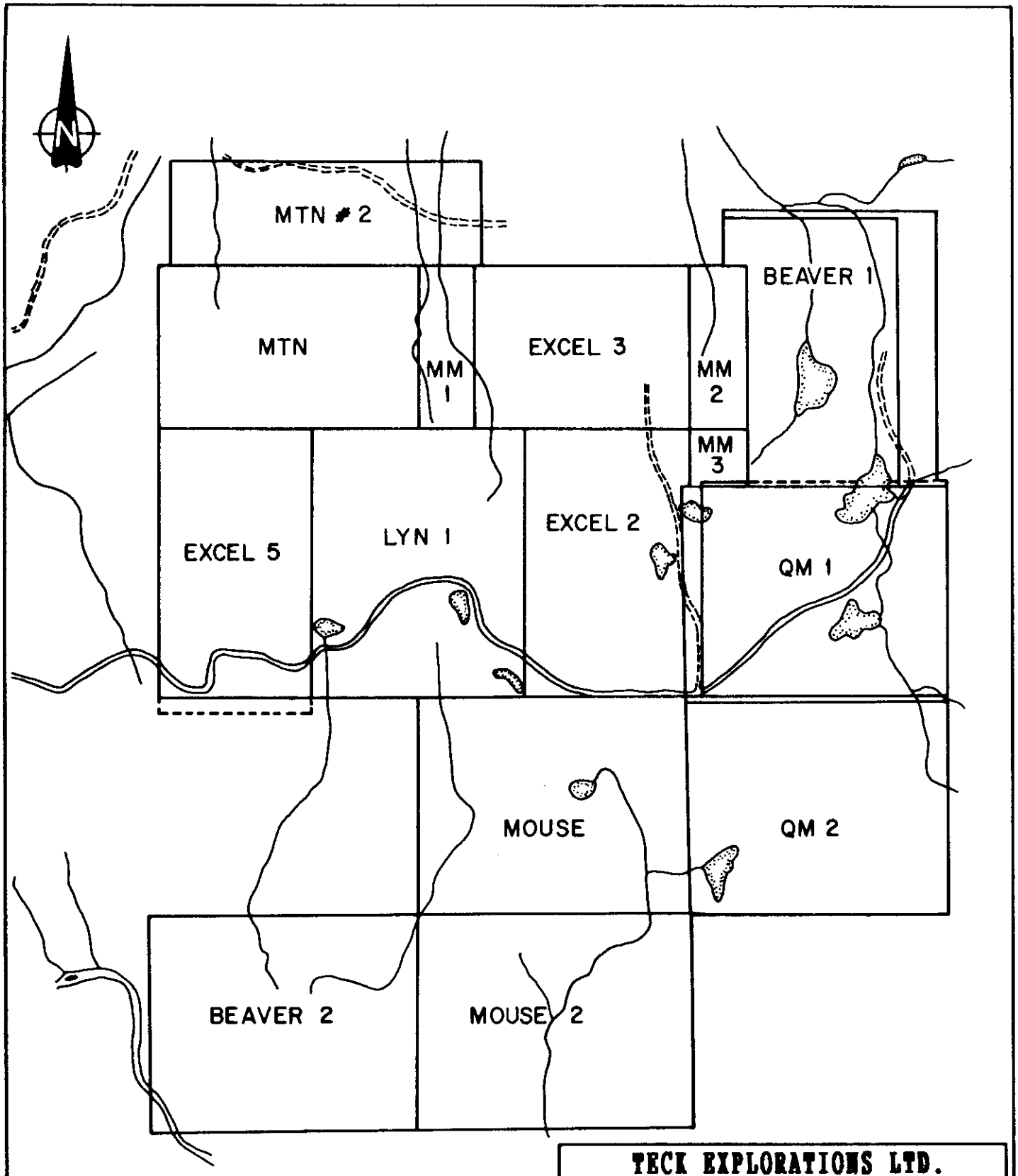
The property consists of 15 contiguous claims comprising a total of 219 units (Figure 3). The claims, owned by Teck Corporation, are currently subject to an option agreement with Quesnel Mines Limited completed in December of 1990. Status and ownership of the claims are listed on the following page.

TABLE 1 - CLAIM STATUS

Claim Name	Record Number	Ownership	Number of Units	Expiry Date
Mouse	7405	Teck Corporation	20	March 18, 1997
Mouse 2	7406	"	20	March 18, 1996
Lyn 1	7898	"	20	August 22, 1997
Excel 5	7899	"	15	August 28, 1996
QM 1	9519	"	20	December 5, 1996
QM 2	9517	"	20	November 27, 1996
Excel 2	7692	"	15	June 4, 1997
Excel 3	7693	"	15	June 4, 1996
MTN	7941	"	15	September 8, 1996
MTN #2	7987	"	12	September 29,1997
Beaver 1	8250	"	20	February 3, 1996
Beaver 2	8296	"	20	March 9, 1996
MM 1	9923	"	3	July 25, 1996
MM 2	9924	"	3	July 27, 1996
MM 3	9925	"	1	July 27, 1998

EXPLORATION HISTORY

Most of the previous exploration work, including all of the exploration work described below, has been focused on copper-gold showings found in the immediate vicinity of Mouse Mountain, located in what is now the centre of the property. Old test pits, drill core, hand trenches and claim posts indicates much early exploration work; however no written records can be found for most of this work. Exploration for copper probably originated in the early 1950's.



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MOUSE MOUNTAIN PROPERTY
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NTS 93 G/1 93 B/16

CLAIM MAP

Scale: 1:50,000

FIGURE 3.

A carload of hand sorted ore averaging 5.5% copper, 0.05 oz/ton gold and 0.5 oz/ton silver was produced from old workings in 1955-56 and sent to the Tacoma Smelter. Preparatory work for a program to heap leach copper mineralization from the old workings was undertaken by Euclid Mining Corporation in 1967. Minor stripping and crushing was completed; but only pilot leach tests were completed before the program was terminated due to lack of funding.

Of 14 percussion holes drilled by Bethlehem Copper in 1970, in the Valentine Zone on the east side of Mouse Mountain, five of the holes averaged greater than 0.1% copper over lengths of 80 to 180 feet. No assays were reported for gold.

Hudson's Bay Oil and Gas Company conducted a soil survey immediately southwest of Mouse Mountain in 1974. Samples were analyzed for copper, lead, zinc, silver and molybdenum.

Five percussion holes were drilled by Dupont of Canada Limited on the north side of Mouse Mountain in 1970. One of the holes averaged greater than 0.1% copper over 170 feet. This hole averaged 0.003 oz/ton gold; while the rest of the holes averaged less than 0.1 ppm gold.

From 1981 to 1984 prospecting, grid preparation and soil sampling was carried out by First Nuclear Corporation, which held much of the present claim area. Samples were analyzed for copper, lead, zinc and molybdenum. Some of the soil samples were panned for gold, but no anomalous material was found.

After acquiring the property in 1986, Quesnel Mines Limited conducted limited grid preparation, backhoe trenching and stripping, prospecting, magnetometer and VLF-EM surveys. Trenching was carried out over magnetometer VLF-EM anomalies and zinc anomalies found during the First Nuclear Corporation soil program. Significant faulting, pyrite and limited chalcopyrite were located during this work, but no extensive intervals of economic mineralization were found. Altered volcanics containing up to 0.021 oz/ton Au were found along the Quesnel River slightly west of the grid area covered in this report.

The property was optioned by Placer Dome Inc. in 1989 with a purpose to test the favourable basalt-felsic breccia contact for a "QR-type" replacement style gold deposit. A 73.3 line kilometre cut and flag grid on lines spaced at 100 was established. In the summer of 1989, 1328 soil samples were collected, 52.0 line kilometres of total field magnetometer surveys and 42.0 kilometres of induced polarization surveys were performed in the north central portion of the property. Figure 8 is a compilation of the results from the 1989 program.

Although several soil samples collected in 1989 contained elevated gold results, the majority of the samples collected returned values close to normal background concentrations for soils in the Cariboo region. Small copper anomalies are found occurring with all of the mineralized showings in the Mouse Mountain area. Several small copper soil anomalies are also found east of Mouse Mountain. Bedrock outcroppings are more sparse in this area and nothing was found to explain the copper anomalies.

Chargeability anomalies were found on the northern and western flanks of Mouse Mountain, corresponding with pyritic zones in altered breccias. Moderate chargeability anomalies are found in the area of the "high grade showing" and east of Mouse Mountain.

Magnetometer data from the 1989 survey outlined a magnetic high lying underneath Mouse Mountain and extending to the Valentine zone. An extensive magnetic high is found north of Mouse Mountain corresponding with disseminated magnetite in volcanic breccias. The breccias east of Mouse Mountain are found in an area of moderate magnetic highs. A narrow northwesterly trending magnetic low extends from the valentine zone to the rainbow breccia. Magnetic lows located on the far eastern part of the grid delineate the volcanic breccia/basalt contact.

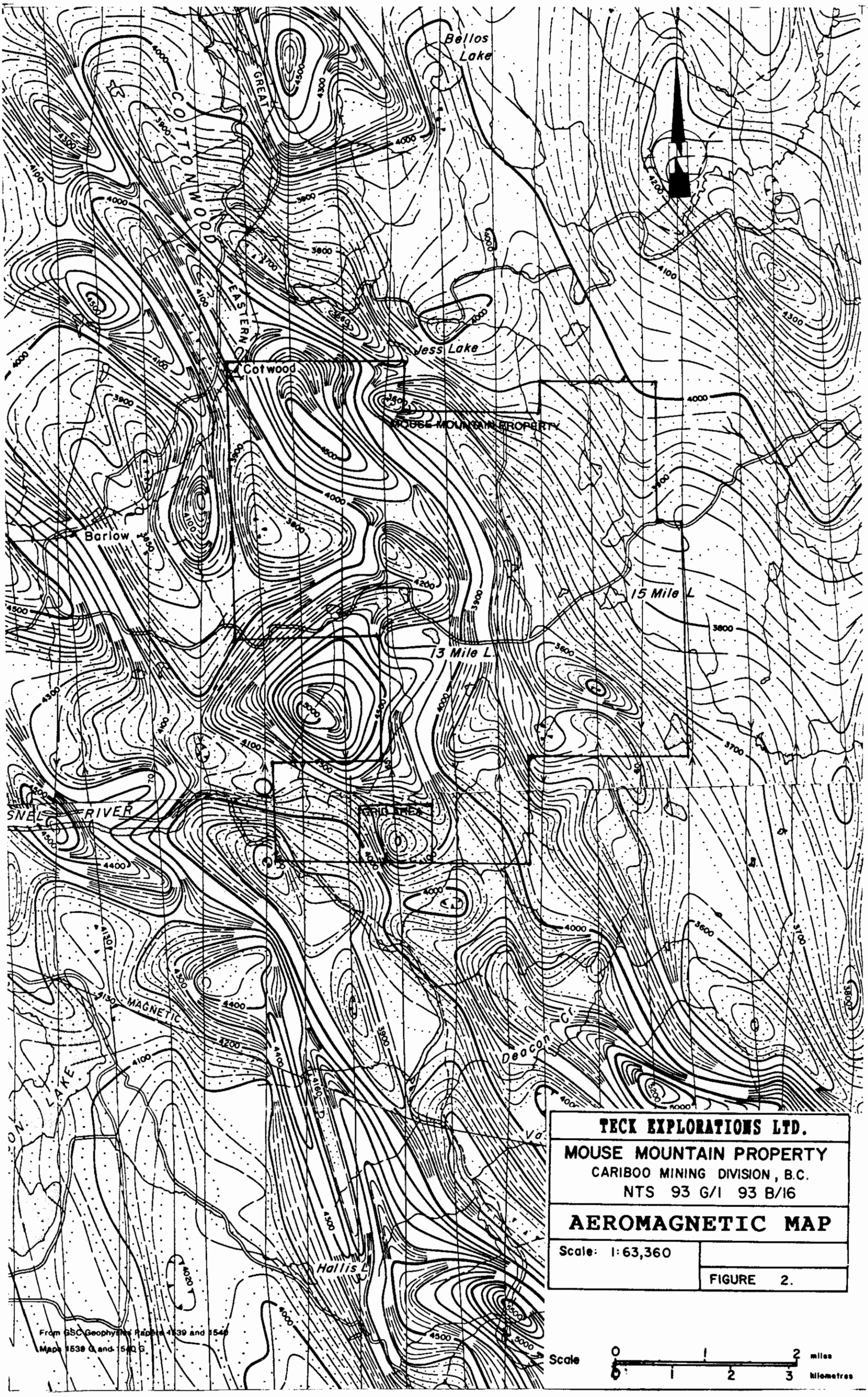
Teck conducted 20.7 line kilometres of ground magnetic and VLF-EM surveys in March of 1991. The survey, conducted near the southern property boundary, covers a circular magnetic high indicated by a regional aeromagnetic survey (figure 2). A prominent 600 metre by 800 metre magnetic high with a relief of 1486 nanoteslas was located by the ground magnetic survey.

GEOLOGY

Regional Geology

The property is located within a narrow northwesterly trending assemblage of Upper Triassic and Lower Jurassic island arc volcanics and associated sedimentary facies with underlying oceanic crust (Crooked Amphibolite), known as the Quesnel belt, that extend through a significant portion of the province (Figure 4).

In the vicinity of the property the oldest rocks (unit 1) consist of fine grained epiclastic and volcanoclastic rocks (Bailey, 1990). This unit has a gradational contact with the overlying


Bellos Lake
GREAT
COTTONWOOD
EASTERN
Jess Lake
Cotwood
MOUSE MOUNTAIN PROPERTY
Barlow
15 Mile L
13 Mile L
GRID AREA
SNELL
RIVER
MAGNETIC
Deacon Cr
Hallis L
From GSC Geophysics Papers 1539 and 1540
Maps 1538 G and 1540 G
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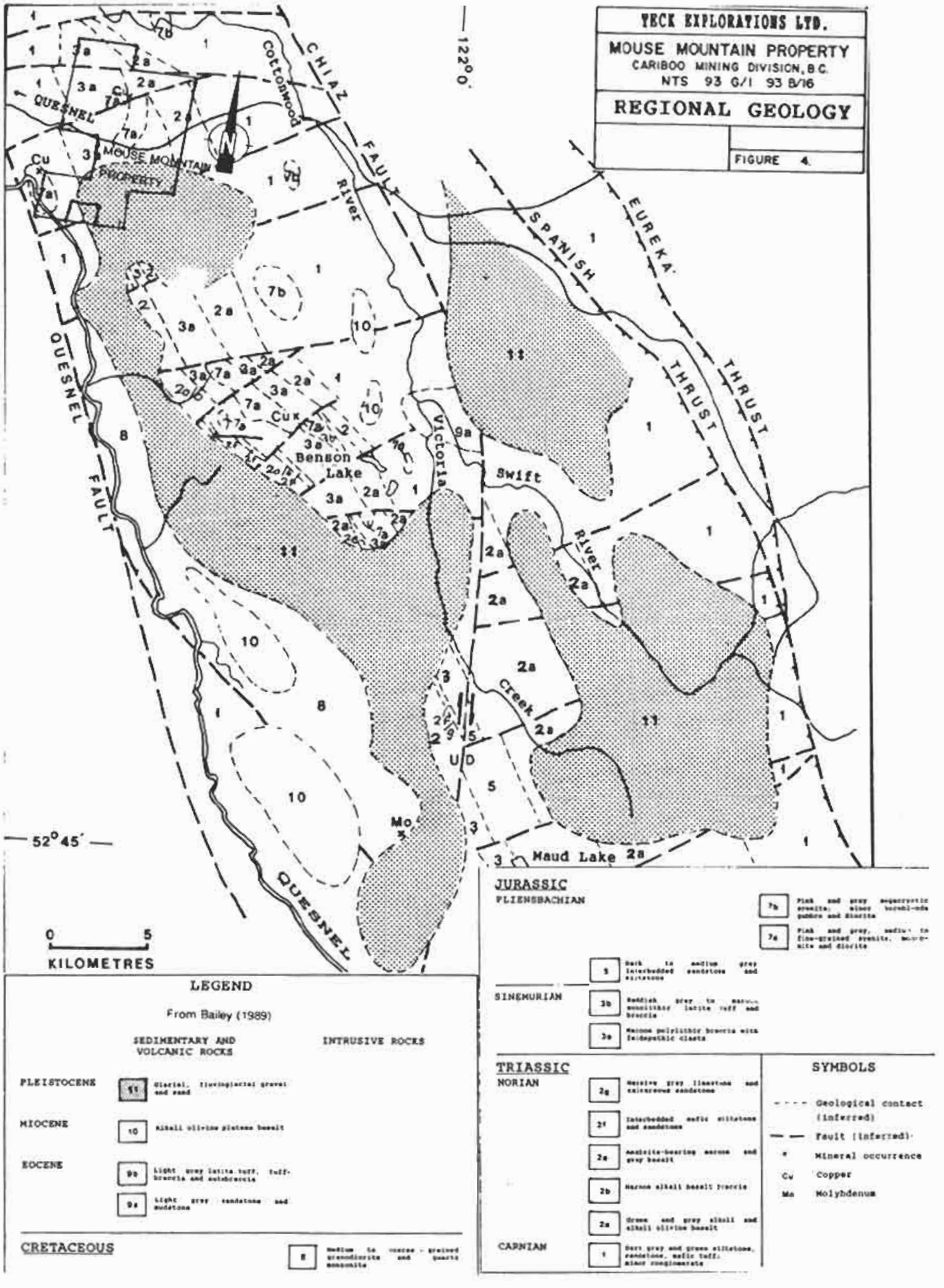
NTS 93 G/1 93 B/16
AEROMAGNETIC MAP
Scale: 1:63,360
FIGURE 2.
Scale
0 1 2 miles
0 1 2 3 kilometres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MOUSE MOUNTAIN PROPERTY
CARIBOO MINING DIVISION, B.C.
NTS 93 G/1 93 B/16
REGIONAL GEOLOGY
FIGURE 4.
122°0'
52°45'
MOUSE MOUNTAIN PROPERTY
QUESNEL
Cottonwood
CHIAZ
FAULT
River
SPANISH
EUREKA
THRUST
THRUST
QUESNEL
FAULT
Benson Lake
Victoria
Swift
River
Creek
Maud Lake
QUESNEL
0 5
KILOMETRES
LEGEND
From Bailey (1989)
SEDIMENTARY AND VOLCANIC ROCKS
INTRUSIVE ROCKS
PLEISTOCENE
MIOCENE
EOCENE
CRETACEOUS
JURASSIC
PLIENSBACHIAN
SINEMURIAN
TRIASSIC
NORIAN
CARNIAN
SYMBOLS
Geological contact (inferred)
Fault (inferred)
Mineral occurrence
Cu Copper
Mo Molybdenum

unit (2a) that consists of alkalic pillow basalts, basaltic breccia and tuff formed in relatively deep marine conditions. Nonconformably overlying this unit are a series of polylithic slump breccias (unit 3a) characterized by felsic volcanic debris, which are absent in unit 2. These volcanic and sedimentary rocks are intruded by Upper Triassic to Lower Jurassic alkalic rocks (unit 7) and Cretaceous calcalkalic rocks (unit 8).

The eastern boundary of the Quesnel belt is marked by the Eureka thrust which formed in response to accretion of Quesnellia with North America. This fault consists of rocks of the Crooked Amphibolite and Unit 1 sediments overlying rocks of the Barkerville Terrain of the Omenica belt found to the east. Rocks west of Quesnellia consist of a forearc melange of oceanic strata known as the Cache Creek Terrain. This boundary is often obscured by overburden and tertiary volcanics, but is thought to be marked by a high angle extension of the Pinchi fault, a major strike slip fault to the northwest.

The most important mineral occurrences in the area, usually consisting of copper with associated gold, are found within or adjacent to alkalic felsic stocks. The two most important deposits in the area are the Mt. Polley copper-gold deposit and the QR gold deposit (with associated copper). The Mt. Polley deposit contains mineable reserves of 551,400,000 tons at 0.38% copper and 0.55 grams per tonne gold. It is found within the felsic intrusive Mt. polley stock. The QR deposit contains a mineral inventory of 1,500,000 tonnes at a grade of 5.00 grams per tonne gold. It occurs within carbonate-altered mafic volcanic rocks that are propylitized by a metosomatic front developed during the intrusion of a nearby felsic alkalic stock.

Lithologies

The majority of the outcrop on the property is found in the Mouse Mountain area in the centre of the property where the Placer Dome grid is found (Figure 5).

Lithologies range from Lower Jurassic (Sinemurian) to Upper Triassic (Carnian). The ages of the lithologies are based on correlation with regional government mapping (Bailey, 1990).

The lowermost rocks on the property are **black, weakly pyritic argillites with interbedded grey siltstones** (unit 1a). These are exposed along creeks in the southwest quadrant of the property and in two diamond drill holes located west of Mouse Mountain. Clasts of argillite can be found in the adjacent heterolithic breccias and agglomerates.

A sequence of **volcanic sediments** (unit 1c) is exposed on the eastern property boundary just south of the Barkerville Highway. They consist of repeating cycles of volcanic rich granule conglomerate that fine upward through grey siltstone into black cherty argillite. They are interbedded with tuffs rich in plagioclase and potassium feldspar fragments. These rocks are overlain by brown weathering unbedded crystal/lapilli tuffs that contain plagioclase and potassium feldspar crystal fragments, olivine crystals, dark volcanic rock fragments and angular black chert fragments. The section dips shallowly and tops to the south. These rocks are distant from other outcrops on the property, so their relationship with the rest of the property is unknown.

Pyroxene porphyritic basalt, and agglomerates with pyroxene porphyritic clasts and matrix (unit 2) overlie the argillite, and outcrop over most of the eastern half of the property. This unit is frequently found in gradational contact with the overlying heterolithic fragmental rocks to the west. A contact between the basalt and the argillite has not been found on the property.

Pyroxene crystals in the basalt are consistently euhedral, and generally 2-3mm long. Some areas have larger phenocrysts that are up to 1 cm across. Tiny plagioclase microlites are ubiquitous in the basaltic groundmass. This unit is not normally vesicular, but an outcrop with large (1cm), flow -flattened vesicles is found on line 111N, near 110E.

Plagioclase-phyric latitic and andesitic flows (unit 3a), including **crowded plagioclase porphyries** (unit 3b) are found all over the property. They are blanketed by the overlying breccias and agglomerates so the exposures of flows show an irregular, unpredictable distribution.

Heterolithic, volcanic agglomerates and breccias (unit 3c) overlie all of the above rocks and the alkalic intrusive rocks, and they are by far the most abundant rock types on the property. These rocks vary in clast size, shape and composition, and in matrix type and amount.

Clast size ranges from < 1mm to 30-40cm. Most commonly clasts are fist size and poorly sorted. Most of the clasts are subrounded (i.e. agglomeratic); however angular breccias are found in the Mouse Mountain Vicinity and in creeks near the southern property boundary. A few outcrops near the western and northwestern property boundary contain well-rounded pebble clasts. The smoothing on these clasts indicates transport by water before deposition.

The most common clast composition type in these rocks is plagioclase-phyric latite and/or andesite. Pyroxene basalt clasts are also common particularly near the breccia/basalt contact. Other clast types that occur are syenite, diorite, crowded plagioclase porphyry, monzonite, mafic volcanic rocks, argillite, intermediate feldspar phyric volcanic rocks with trachytic textures and rare black pyroxenite clasts. Clasts of agglomerate are present locally, indicating that more than one fragmenting event occurred.

In most of these breccias and agglomerates, clasts dominate over matrix by volume. In some localities the matrix is intermediate tuffaceous material, in others it is plagioclase-phyric intermediate flow.

Polylithic volcanic and intrusive breccias (unit 3d) are found in the Mouse Mountain vicinity near the centre of the property. These breccias are quite similar to the breccias described above, with the main exception being that much of the matrix in these breccias consists of fine grained alkalic sub-volcanic material. Most of the clast are angular to sub-angular. Clasts of fine grained alkalic intrusive rocks are common due to the proximity of intrusions of this nature. Along with the abundant intrusive clasts many other clast types are found. This heterogeneity in clast types indicates that a considerable thickness of the stratigraphic section was sampled to produce this rock, so the intrusive events that formed it must have had considerable energy and come up from some depth. Alteration in this area is strong which often makes it difficult to distinguish whether the matrix is volcanic or fine grained intrusive material.

Alkalic intrusive rocks are exposed in outcrops on the eastern edge of Mouse Mountain (Valentine showing), along the southeastern edge of Mouse Mountain in the area of the high grade showing and on the southwestern edge of the property along the Quesnel River (unit 5). Intrusive rocks in the Mouse Mountain area consist of fine grained eguigranular diorite monzonite and syenite (unit 4).

The Quesnel River area is underlain by black pyritic argillites and associated siltstones, which are intruded by a coarse grained syenite intrusion. Pale pink aplite dykes associated with this intrusion shoot off into the surrounding rocks. These rocks are cut by abundant mafic dykes which parallel the NNW striking steep shear foliation found along the Quesnel River. Most of these dykes are olivine basalt, but some are andesite.

Hornblende needle and plagioclase porphyry (unit 6) outcrops are located around the Barkerville highway slightly south east of Mouse Mountain. There is no visible potassium feldspar in this rock. It has a pale green groundmass and weathers white, and contains disseminated magnetite. This porphyry is probably the youngest hard rock unit on the property. Most of the outcrops are very fresh, and the distribution of the outcrops is contiguous. It does appear as clasts in the heterolithic agglomerates.

Property Geology

The black pyritic shales (unit 1a) record a deep anoxic oceanic depositional environment. The transition to pyroxene basalts(unit 2) and more felsic flows (units 3a and 3b), and then to breccias and agglomerates (units 3c and 3d) records the emergence of an alkalic arc and subsequent shallowing of the ocean as the arc built up. The presence of maroon colours (hematite) in the fragmental rocks is evidence that the rocks were deposited in a partially subaerial environment.

Syenite and monzonite are found in the polylithic breccias which are in turn intruded by syenite and monzonite. This provides evidence that the volcanic rocks and the intrusive rocks are probably comagmatic. The agglomerates and breccias contain samples from the entire sequence. The black argillite clasts are probably from the lowest part of the section. It is not known where the black pyroxenite clasts originate. They are composed of coarse black, interlocking pyroxenite crystals.

Mineralization and Alteration

A list of all samples collected during in the 1991 program is included in the appendix I. Table 2 shows all significant results returned from the Mouse Mountain property.

Most of the previous exploration has been focused on the four mineral occurrences located over a 1700m long northwesterly trending linear zone located in the central part of the property. Rocks in this area, consisting of volcanic and intrusive breccias and monzonite and syenite intrusions, have been moderately to intensely altered (figure 6). Silicic, potassic and propylitic alteration appear to be related to the intrusive rocks. Fe-carbonate alteration appears to be later, and associated with a NNW striking fault system that cuts the area. Mineralization in the area is, at least in part, controlled by this fault system.

Chloritic alteration is found throughout most of the central area of the Mouse Mountain property. An area extending from the top of Mouse Mountain to the Valentine zone on the eastern edge of Mouse Mountain contains significant amounts of potassic alteration. Pyritic zones are found on the northern, western and southern flanks of Mouse Mountain.

The **"High grade showing"**, located at the southeastern base of Mouse Mountain, consists of a fracture zone containing chalcopyrite, bornite and trace amounts of chalcocite hosted in fine grained monzonite. The mineralized zone, which trends in a northerly direction, is 3 metres wide and exposed over a distance of 1.5 metres. A sample containing 1.58 % copper over a distance of 3 metres was returned from the showing. No copper mineralization was found in the monzonite immediately surrounding the showing.

Two short addits, now caved, are located near the high grade showing. An old report (Mitchell, 1967) describing drilling in the immediate area of the high grade showing, conducted in the mid 1950's, reports of a 228 foot intersection containing 0.35% Cu. Reports (Mitchell, 1967 and Sutherland, 1956) of several other shorter but significant intersections drilled in the same area were also mentioned.

A small outcrop of monzonite located approximately 50 metres north of the high grade showing contains minor amounts of disseminated chalcopyrite and pyrite with some malachite staining. A grab sample containing 2766 ppm copper was returned from this outcrop.

The **"Valentine zone"** is an exposure of fine grained intrusive rocks with disseminated and fracture filling chalcopyrite (<6%) and pyrite, with associated malachite and azurite, located approximately 400 metres north of the "high grade showing". It is approximately 100 metres in diameter. Outcrops of slightly silicified chloritically altered volcanic and intrusive breccias with only very minor copper occurrences are located adjacent to the intrusion. Many shears and faults trending in several different directions are located on the valentine zone. Fracturing within the rock has given much of the intrusion a crackle breccia texture. The valentine zone is commonly brecciated along the it's margins. A prominent northwesterly trending lineament is located on the eastern edge of the valentine zone. The intrusive rocks range from dioritic to syenitic in composition and are potassically altered. It is not readily distinguishable whether the exposure consists of more than one intrusive event or one intrusive event that is magmatically differentiated.

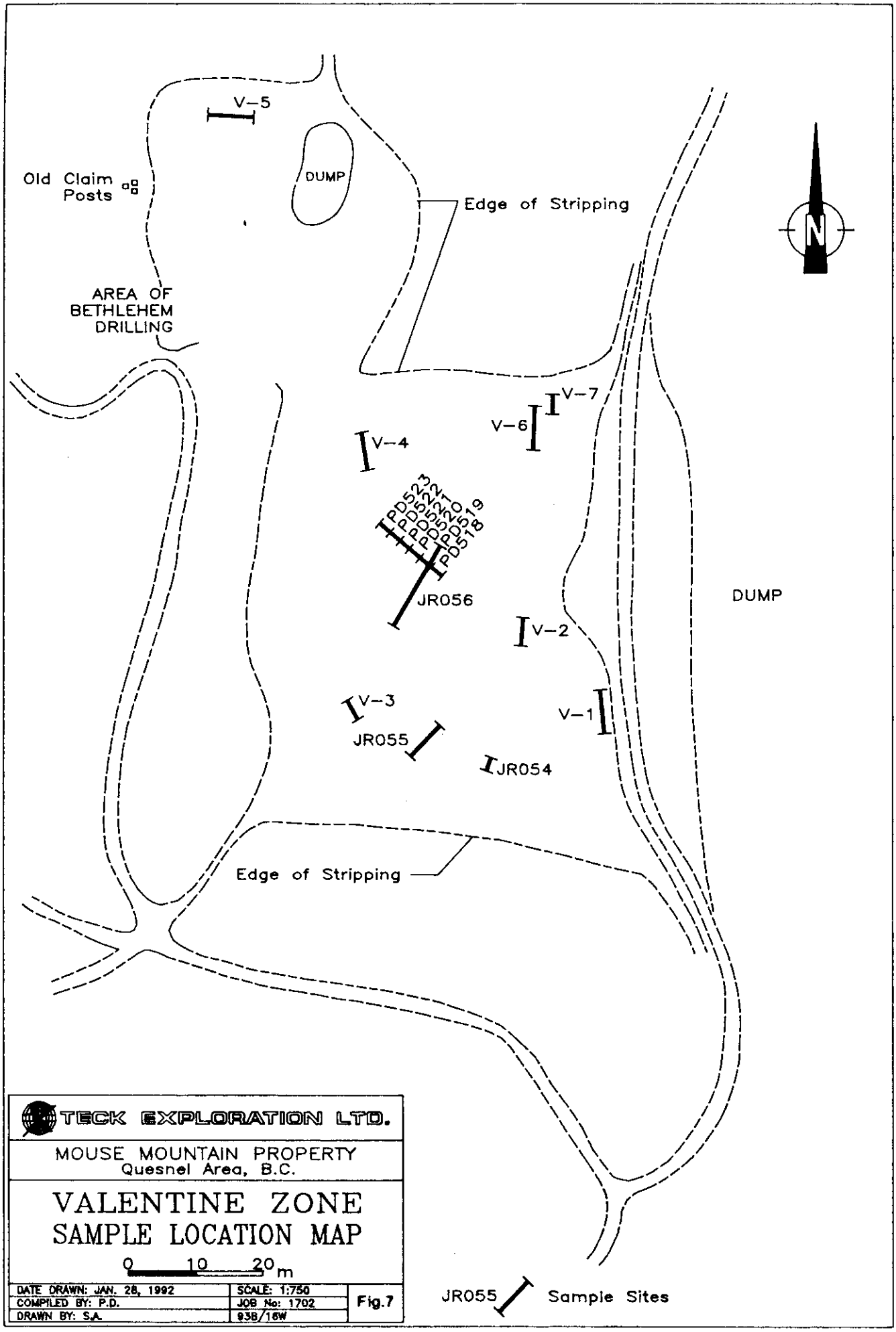
Samples collected on the valentine zone are indicated on figure 7. Chip samples collected contain between 0.11 % and 0.42 % copper and gold values ranging from 310 ppb to 0.013 oz/t. Five percussion holes were drilled on or adjacent to the valentine zone in 1970. Five of the holes averaged greater than 0.1% copper over lengths of 80 to 180 feet. No assays were reported for gold.

The **"Rainbow breccia zone"** is located approximately 600 metres northwest of the valentine zone on the northeastern edge of Mouse Mountain. It consists of a 7 metre by 3 metre exposure of pale green grey siliceous chloritically altered intrusive breccia with < 7% disseminated pyrite and < 4% disseminated chalcopyrite. A milky white alteration (albitic?) is also found over parts of the showing. Chip samples collected returned 4 metres of 0 .23 % copper and 2 metres of 0.15 % copper. Alteration has destroyed most of the original texture in the rock.

A grab sample was collected from a 2 metre diameter intrusive breccia outcrop located approximately 250 meters east-northeast of the rainbow breccia, at coordinates 11360N and 9980E. It contains minor disseminated chalcopyrite and returned an assay with 0.14 % copper. It is the closest outcrop to the rainbow breccia showing in the east-northeasterly direction.

The area drilled by Dupont is located approximately 250 metres northwest of the rainbow breccia zone. Of the five percussion holes drilled only one of the holes returned significant mineralization; 170 feet containing 0.1% copper. The bedrock in this area is the same as the outcrop that surrounds the rainbow breccia. It consists of slightly siliceous chloritically altered intrusive and volcanic breccias with many calcite filled hairline fractures and <8% disseminated pyrite.

An extensive alteration zone can be found in **intrusive rocks located near the Quesnel River** in the southwestern corner of the property. A series of northerly trending faults and shears can be found along the Quesnel River. This part of the property is located close to the Quesnel fault, which separates the Quesnel terrain from the Cache Creek terrain, and shearing in this area could be related to the fault. All of the rocks found here are affected by a silicification event that is probably controlled by the shearing. Bleaching and intense silicification of the syenites and aplites has resulted in the formation of white felsite. The outlines of relict plagioclase and potassium feldspar crystals are visible in some of the felsite, but staining shows that all of the potassium feldspar has been replaced by silica. These rocks, and spatially associated mafic rocks, are rich in disseminated and fracture controlled pyrite, with rare chalcopyrite. The mineralization appears to be related with the silicification event.


V-5
DUMP
Old Claim Posts
Edge of Stripping
AREA OF BETHLEHEM DRILLING
V-7
V-6
V-4
PD523
PD522
PD521
PD520
PD519
PD518
JR056
DUMP
V-2
V-3
V-1
JR055
JR054
Edge of Stripping
N
TECK EXPLORATION LTD.
MOUSE MOUNTAIN PROPERTY
Quesnel Area, B.C.
VALENTINE ZONE
SAMPLE LOCATION MAP
0 10 20 m
DATE DRAWN: JAN. 28, 1992
COMPILED BY: P.D.
DRAWN BY: S.A.
SCALE: 1:750
JOB No: 1702
93B/16W
Fig.7
JR055 Sample Sites

A small exposure of fine grained feldspar porphyritic syenite with minor disseminated chalcopyrite and pyrite and associated malachite is located near the Quesnel River slightly off the southwestern property boundary. This showing was drilled by Noranda in the early seventies; but results of the drilling are uncertain.

Moss mat samples collected from three creeks near the southern property boundary returned some elevated values, as high as 4,000 ppb Au. Bedrock outcroppings are sparse throughout most of this area and nothing in the bedrock was found to account for these anomalies. The property is found in an area that has produced much placer gold and chances are that the elevated gold values in the moss mat samples originated from residual gold in the overburden.

Mn values returned from moss mat samples in the most easterly creek were considerably elevated. The values ranged from 7650 to 23767 ppm, compared to values ranging from 409 to 728 ppm in the other two creeks.

Outcrops of volcanic sediments on the eastern property boundary contain a moderate amount of Fe-oxide staining, but no sulphides were found in this area.

TABLE 2
MOUSE MOUNTAIN PROPERTY SIGNIFICANT RESULTS

1991 MOUSE MOUNTAIN PROGRAM
SIGNIFICANT DIAMOND DRILLING RESULTS

DDH #	FROM (metres)	TO (metres)	WIDTH (metres)	Cu (ppm)	Au (ppb)
1	29.57	38.71	9.14	524	
2	34.75	47.85	13.10	638	
Incl.	44.81	47.85	3.04	(0.14%)	
2	53.95	55.17	1.22	542	
2	62.03	65.10	3.07	650	
3	66.14	69.19	3.05		105
4	26.52	44.81	18.29	1621	
Incl.	38.71	44.81	6.10	(0.31%)	123
5	10.30	20.42	10.12	501	
6	72.24	75.29	3.05		115
6	102.72	105.77	3.05		210
9	3.05	32.61	29.56	812	
Incl.	5.18	8.23	3.05	(0.12%)	
Incl.	11.28	14.33	3.05	660	145
Incl.	23.47	32.61	9.14	1426	458
Incl.	29.57	32.61	3.04	(0.29%)	0.027oz/t

*bracketed values have been assayed

VALENTINE ZONE

A) Percussion Drilling Highlights (Bethlehem, 1970)

Hole #	FROM (feet)	TO (feet)	WIDTH (feet)	Cu (%)
1	80	200	120	0.114
3	20	200	180	0.145
6	0	140	140	0.150
9	30	110	80	0.108
13	30	110	80	0.120

B) Surface Samples (Teck, 1991)

Width (metres)	Copper	Gold
15	0.30 %	310 ppb
10	0.17 %	290 ppb
3	0.42 %	540 ppb
12	0.18 %	0.005 oz/t
incl. 4m	0.32 %	0.007 oz/t

C) Surface Samples (Quesnel Mines, 1988)

Width (metres)	Copper	Au oz/t	Sample No.
6.71	0.11	0.006	V-1
4.57	0.21	0.008	V-2
4.27	0.22	0.011	V-3
6.40	0.19	0.010	V-4
7.01	0.32	0.013	V-5
3.35	0.30	0.010	V-6
7.01	0.42	0.010	V-7

HIGH GRADE SHOWING

A) Surface Samples

Company	Year	Width	Cu %	Au oz/t
Teck	1991	3.0m	1.58	0.005
20 m NW of showing	grab	0.28		
Quesnel Mines	1988	6 feet	3.60	0.052

B) 1955 - 56 Diamond Drilling Highlights

Hole #	FROM (feet)	TO (feet)	WIDTH (feet)	Cu (%)
1	30	258.1	228.1	0.35
2	150	175.8	25.8	0.46
3	135	140	5	1.0
Q9			3.5	1.00
Q9			8.7	1.2
Q10			24.7	0.78
Q10			7.8	0.76
Q115			4	1.35
Q118			4	1.4
Q119			1	1.37
Q119			1	1.47

C) Trench North of High Grade Showing

grab sample 2766 ppm Cu

RAINBOW BRECCIA ZONE

A) Surface Samples

Width) (metres)	Cu %	Au oz/t
4	0.23	0.004
2	0.15	0.003

DUPONT PERCUSSION DRILLING (NORTH OF RAINBOW BRECCIA ZONE)

Hole #	FROM (feet)	TO (feet)	WIDTH	Cu (%)	Au oz/t
WP75-1	110	280	170	0.102	0.003

SHOWING OFF SOUTHWEST CORNER OF PROPERTY

grab sample from showing drilled by Noranda: 0.28 % Cu

GEOPHYSICS

A scintrex/IGS-2 system with an MP-3 magnetometer and VLF-3 electromagnetic receiver was used for the ground magnetic survey. An additional magnetometer was used as a base station magnetic recorder and all raw magnetic data was corrected for diurnal variation. The VLF survey used NSS Annapolis, Md. transmitter (NLK 21.4 KHz).

Readings were taken at 25 metre intervals on lines spaced at 100 metre intervals. The surveys were conducted on three different grids shown on figure 5. The "north grid" consists of ten 1.8 kilometre long lines located adjacent to the southwestern edge of the P.D.I. grid. The "south grid" is a 1 to 2 kilometre wide grid, containing 85.9 line kilometres, extending from the southern boundary of the P.D.I. grid to the southern property boundary. The "beaver grid" is a 2.1 kilometre by 1.3 kilometre located in the southwestern corner of the property.

Ground Magnetics

All of the magnetic highs described in this report have a total relief in excess of 1,000 nanoteslas. A 300 metre wide magnetic high found in the southeastern corner of the **"north grid"** (figures 9 and 10) extends into the "south grid". No outcrop was found in this area and the cause of the anomaly is not known. An extensive magnetic low area that covers a large portion of the grid starts at a geological contact, located in drill hole 91-6. The contact is between intrusive breccias located to the east and siltstone, which probably underlies at least part of the magnetic low.

Only a very minor amount of bedrock was found in the **"south grid"** (figures 11 and 12) and most of the magnetic anomalies can not be explained. Seven 100 to 400 metre diameter magnetic highs are found in the western half of the grid. A magnetic low area low near the eastern margin of the grid possibly delineates the volcanic breccia/basalt contact.

The only significant magnetic feature on the **"beaver grid"** (figures 12 and 13) is a 200 metre diameter magnetic high located in the northwest corner of the grid.

VLF-EM

Three separate northwesterly trending conductive anomalies are found crossing through the entire length of the **"north grid"** (figures 15 and 16). The two outer conductive anomalies crudely correspond with steep magnetic gradients.

Numerous small conductive anomalies are found throughout the **"south grid"** (figures 17 and 18). All of the anomalies are narrow and none of them exceeds 500 metres in length. Strong conductive anomalies found on the northeastern part of the grid, on lines 8900N to 9200N, are due to power lines on the Barkerville highway.

Many north-northwest trending conductive anomalies are found on the **"beaver grid"** (figures 19 and 20). Outcrops found in this part of the property are commonly sheared and faulted, which could explain the VLF-EM anomalies.

I.P. Survey

From September 7-12 1991 Pacific Geophysical of Vancouver, B.C. completed a 9.5 kilometre I.P. survey in two different parts of the property. An EDA model IP-6 six channel time domain IP and resistivity receiver using "mode 2 (TD + 120 ms, tp = 90 ms)" together with a Phoenix Model IPT -1 transmitter that produced a two second on/two second off signal, were used to make the IP and resistivity measurements. I.P. effects were recorded as chargeability in milliseconds while apparent resistivity was normalized in units of ohm-meters. A pole-dipole array was used. The inter-electrode distance was 50 metres and recordings were made for N=1 to N=5.

Five 1 kilometre long lines, **9600N to 10000N** from 9800E to 10800E, located in the area of the "high grade showing" were surveyed (figures 21 to 26). Anomalous chargeability values, from 8 to 15 msec., are found in the eastern half of these lines. Resistivity values are also elevated in this area.

A survey was conducted on line **10600N** from 9000E to 10000E. This line was surveyed in 1989, but the survey was reconnaissance in style. The coverage was not continuous and did not penetrate very deep. Line 10600N was surveyed to test the chargeability anomaly located west of Mouse Mountain and to test the response from the valentine zone. A strong 300 metre wide chargeability anomaly, with readings from 11 to 17 msec., is found west of Mouse Mountain. Chargeability values adjacent to the valentine zone were only weakly anomalous and the anomaly is only 50 metres wide. Resistivity values are elevated in the eastern half of the chargeability anomaly west of Mouse Mountain and under the top of Mouse Mountain.

I.P surveys were conducted on three one kilometre long lines located in the southern part of the property on lines **5400N, 5600N and 5800N**, from 9900E to 10900E (figures 28, 29 and 30). This covers the magnetic anomaly located in the survey conducted in March of 1991. Chargeability values were low, in the 3 to 5 msec. range, and did not vary that much. Resistivity values increased at the eastern edge of the survey area, where a creek is found. No bedrock was found in the survey area.

DIAMOND DRILLING

Nine diamond drill holes totalling 915.62 metres of NQ core were drilled by LDS Diamond Drilling of Kamloops, B.C. from October 7 to 14, 1991 using a longyear 38 diamond drill. 178 core samples were collected at approximately 3.0 metre intervals and sent to Eco-Tech Laboratories of Kamloops, B.C. for 30 element ICP analysis and gold atomic absorption analysis. Drill logs and analytical results are provided in appendix IV. Table 2 lists all significant results returned from the drilling.

Holes **91MM-1 to 91MM-4** were drilled in the area of the "high grade showing". The holes were drilled to test the I.P. anomaly and to test for continuity of mineralization reported from drilling in the 1950's. Holes 1 and 4 were drilled underneath the "high grade showing" and holes 2 and 3 were respectively drilled 100 and 400 metres south of the "high grade showing". Siliceous monzonites, syenites and intrusive breccias with varying degrees of potassic and chloritic alteration were found in these holes.

Much disseminated pyrite was found in the holes; but only minor amounts of disseminated and fracture controlled chalcopyrite was found. Most of the intersections were small and copper-gold values were low. The best intersection from the area came from hole 4 which returned 18.29 metres of 1621 ppm copper, that also included 6.10 metres containing 0.31% copper and 123 ppb gold. A 25 metre wide section of strongly bleached and silicified monzonite breccia, where the original texture has been completely destroyed, is found below the mineralized interval in hole 4. The amount of pyrite found in the holes is sufficient to explain the I.P. anomaly found in the area. The width and magnitude of copper values found in the holes is significantly less than those reported from the 1955-56 drilling.

Hole **91MM-5** is located 200 metres north-northwest of the "high grade showing". It was drilled to test for continuity of mineralization between the valentine and high grade zones and to test a weak I.P. anomaly indicated from the 1989 surveys. Monzonite and monzonite breccias with moderate amounts of silicification bleaching and chloritic alteration were intersected. Only very minor amounts of disseminated pyrite and chalcopyrite were found. The best intersection from this hole returned 10.12 metres of 501 ppm copper.

Holes **91MM-6 and 7** were drilled in the I.P. anomaly located west of Mouse Mountain. The two holes were drilled from the same setup, with hole 6 being drilled to the east and hole 7 drilled to the west. Hole 7 intersected a sequence of slightly carbonaceous argillite, siltstone, sandstone and pebble conglomerate. Hole 6 intersected a similar sequence of rocks through the top 60 metre interval. The rest of the hole contains siliceous chloritically altered intrusive breccias with minor disseminated pyrite. Gold values in the breccias were slightly elevated. Two 3.05 metre samples returned values of 115 and 210 ppb Au. The combination of carbonaceous sediments and pyritic breccias can explain the chargeability anomaly in the area.

Holes **91MM-8 and 9** are located 100 metres south of the "Valentine zone". The holes were drilled to test for continuity of mineralization from the Valentine zone along an interpreted structure adjoining the four main mineralized zones in the area. The holes intersected intrusive and volcanic breccias with moderate silicification and chloritic alteration and minor amounts of disseminated pyrite. Trace amounts of disseminated chalcopyrite was found in the top of hole 8 and most of hole 9. Hole 9 returned 9.14 metres with 1426 ppm Cu and 458 ppb Au. This interval includes a 3.04 metre section with 0.29% Cu and 0.027oz/t Au.

CONCLUSIONS AND RECOMMENDATIONS

The Mouse Mountain property is located in an area known to have a significant copper-gold relationship with alkalic felsic stocks. Two important deposits of this nature (QR and Mt. Polley) are found in the area.

Significant porphyry style copper mineralization related to alkalic felsic stocks is found in the centre of the property in the vicinity of Mouse Mountain. Pervasive chloritic alteration and silicification is found in this area. Pyritic halos are found north, west and south of Mouse Mountain. Potassic alteration starts to appear on the top of Mouse Mountain and extends down to the valentine zone. An interpreted structure that adjoins the four main showings in the area cuts through the eastern edge of Mouse Mountain. This is supported by the fact that a linear magnetic low is found between some of the showings, possibly indicating magnetite destruction along a structure.

Pyritic halos commonly found surrounding porphyry deposits would be expected to give a stronger chargeability response than the copper bearing core. The chalcopyrite zone would show up as only a moderate chargeability anomaly.

Known copper deposits in the area have mineralized cores that are associated with anomalous amounts of magnetite. Intrusive rocks on the property often contain anomalous amounts of magnetite. The strongest magnetic anomalies could be associated with unmineralized intrusive rocks and are not necessarily associated with a mineralized core.

Favourable targets are located east of Mouse Mountain where moderate I.P. and magnetic anomalies are found. Several small copper soil anomalies are also found in this area where bedrock outcroppings are more sparse than in the area immediately surrounding Mouse Mountain. A small drill program could easily test this target area.

Due to the sparseness of outcrop not much is known of most of the ground outside of the Mouse Mountain area in the centre of the property. Several prominent magnetic highs are found between the Mouse Mountain area and altered intrusive rocks located near the Quesnel River in the southwestern corner of the property. Follow-up I.P. surveys and soil geochem surveys could help delineate drill targets in this area. Soil surveys should be planned carefully because of overburden depths.

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MOUSE MOUNTAIN PROJECT
1991 STATEMENT OF COSTS

Diamond Drilling			
Coring	3,004 feet	44,909.80	
Water Truck	2 shifts + mob/demob	2,468.70	$47,378.50
Geophysics			
Mag/VLF rental	1 month	1,500.00	
I.P. Surveys	6 days (all incl.)	9,030.66	10,530.66
Consulting and Services			
Line Cutting	38 mandays (all incl.)	12,910.09	
Assaying	400 samples	3,277.05	
D.D.H. Geomanagement Ltd.	4 days	2,280.32	
Werner Striecek (prospector)	5 days	1,120.00	19,587.46
Personnel (Teck)			
John May (field assistant)	68 days	11,832.00	
Janet Riddell (geologist)	67 days	14,086.75	
Steve Jensen (geologist)	19 days	4,017.74	
Steve Archibald (draftsman)	7 days	1,522.50	
Paul Donkersloot (geologist)	120 days	28,710.00	
Project Supervision	4 mandays	2,900.00	63,068.99
Shipping and Transportation			
Freight (core racks, rocks, supplies)		2,015.90	
Truck Rental (incl. fuel)	4 1/2 months	8,230.99	10,246.89
Field Costs			
Room and Board	229 mandays	12,824.00	
Telephone		200.00	
Supplies		1,008.00	14,032.00
Office Expenses			
Supplies		224.00	
Maps and Reports		560.00	
Telephone		75.00	859.00
TOTAL EXPENSES			**$165,703.50**

WRITER'S CERTIFICATE

I, Paul Donkersloot, of #9 3627 Oak Street., Vancouver, British Columbia do hereby certify that:

1. I am a geologist employed by Teck Explorations Ltd. of #272 - 350 Victoria Street Kamloops, B.C.

2. I am a graduate of the University of Alberta (B.Sc. Geology, 1984).

3. I have engaged in the study and practice of mineral exploration in British Columbia, Northwest Territories and Yukon Territory since 1982.

4. I supervised the 1991 field program undertaken on the Mouse Mountain property and am the writer of the foregoing report.

5. I have not received nor do I expect to receive any interest, direct or indirect, in the property of Teck Explorations Ltd. or of Quesnel Mines Ltd., or any of their affiliates; nor do I own any securities, directly or indirectly, of Teck Explorations Ltd. or any share of Quesnel Mines Ltd.

Paul Donkersloot

P. Donkersloot, B.Sc.

APPENDIX I

ROCK CHIP SAMPLE DESCRIPTION

SAMPLE NUMBER	COORD NORTH	COORD EAST	SAMPLE WIDTH	DESCRIPTION
PD500	10700	9420	grab	Silic ibx? w tr diss py
PD501	10600	9420	grab	Fe st, silic ibx? w qz frcts, tr diss py
PD502	10780	10420	grab	Fe stained, ep alt ibx? w qz frcts, tr diss py
PD503	10775	10390	grab	Chl alt, silic ibx? w qz frcts, tr diss py, rare diss cpy
PD504	10640	10120	grab	Mal stained, chl hem alt ibx? w tr diss py cpy
PD505	10920	10200	grab	Fe stained, chl alt shear (2m) at ibx?/and contact w tr diss py
PD506	10930	10255	grab	Fe Mn stained shear (10m outcrop) in ibx? w <4% diss py
PD507	11120	9643	grab	Fe Mn stained shear (1m) in chl carb alt And
PD508	11120	9640	grab	Silic, chl carb alt and bx w tr diss py
PD509	11360	9980	grab	Fe Mn az stained ibx? w tr diss py cpy, ca frcts
PD510	11200	9600	grab	Fe stained, silic ibx? w 3% diss py, ca frcts
PD511	11260	9640	grab	Fe stained, silic ibx? w qz ca frcts, 3% diss py
PD512	11700	9960	grab	Fe stained, silic basalt bx w tr diss py, ca frcts
PD513	11000	9950	grab	hem alt latite w ca frcts
PD514	11700	9920	grab	Fe stained, silic ibx? w 3% diss py, qz ca frcts
PD515	11200	10160	grab	andesite near Au geochem anom
PD516	9840	11220	grab	Fe stained vbx?
PD517	9995	10415	3.0m	high grade submassive sulph pod
PD518	10550	10210	2.0m	Valentine zone (0-2m), K alt monz w <7% diss cpy tr py
PD519	10550	10210	2.0m	Valentine zone (2-4m), K alt monz w <7% diss cpy tr py

SAMPLE NUMBER	COORD NORTH	COORD EAST	SAMPLE WIDTH	DESCRIPTION
PD520	10550	10210	2.0m	Valentine zone (4-6m), K alt monz w <7% diss cpy tr py
PD521	10550	10210	2.0m	Valentine zone (6-8m), K alt monz w <7% diss cpy tr py
PD522	10550	10210	2.0m	Valentine zone (8-10m), K alt monz w <7% diss cpy tr py
PD523	10550	10210	2.0m	Valentine zone (10-12m), K alt monz w <7% diss cpy tr py
PD524	11270	9750	1.0m	Rainbow bx zone (0-1m), chl alt silic ibx? w <5% diss cpy tr py
PD525	11270	9750	2.0m	Rainbow bx zone (2-4m), chl alt silic ibx? w <5% diss cpy tr py
PD526	11270	9750	2.0m	Rainbow bx zone (4-6m), chl alt silic ibx? w <5% diss cpy tr py
PD527	11270	9750	1.0m	Rainbow bx zone (6-7m), chl alt silic ibx? w <5% diss cpy tr py
PD528	11270	9750	2.0m	Rainbow bx zone (9-11m),chl alt silic ibx? w <5% diss cpy tr py
PD529	11270	9750	2.0m	Rainbow bx zone (11-13m), chl alt silic ibx? w <5% cpy tr py
PD530	11270	9750	2.0m	Rainbow bx zone (13-15m), chl alt silic ibx? w <5% cpy tr py
JR1	10400	10240	grab	Ca alt ibx?
JR2	10400	10960	grab	fsp porph near Cu geochem anom
JR3	10400	11080	grab	vbx near Cu soil geochem anom
JR4	10000	10400	grab	ep K alt, bleached monz
JR5	10000	10450	grab	north of high grade showing, mal stained monz w 2% diss cpy
JR6	10065	7500	grab	Fe stained, bleached, silic, carb alt vbx w tr diss py
JR7	10400	8050	grab	vbx w tr diss py
JR8	8500	11640	grab	Fe stained, sheared fsp porph w tr diss py
JR9	8500	11590	grab	Fe Mn stained vbx
JR10	5500	7500	moss	Moss mat sample, near stream

SAMPLE NUMBER	COORD NORTH	COORD EAST	SAMPLE WIDTH	DESCRIPTION
JR11	off grid	off grid	grab	w of SW corner of property, fsp porph monz w <3% diss cpy
JR12	5500	7650	grab	silic 2 fsp porph monz w 4% diss py
JR13	10000	10450	grab	high grade zone, sub massive sulph pod in monz
JR14	10500	10200	grab	Ca vns in valentine zone
JR15	5800	10900	moss	Moss mat sample, near stream
JR16	5200	10900	moss	Moss mat sample, near stream
JR17	5250	10900	moss	Moss mat sample, near stream
JR18	5300	10915	moss	Moss mat sample, near stream
JR19	5400	10900	moss	Moss mat sample, near stream
JR20	5500	10875	moss	Moss mat sample, near stream
JR21	5600	10860	moss	Moss mat sample, near stream
JR22	5700	10900	moss	Moss mat sample, near stream
JR23	5000	10850	moss	Moss mat sample, near stream
JR24	5000	10850	moss	Moss mat sample, near stream
JR26	5000	10850	moss	Moss mat sample, near stream
JR27	off grid	off grid	grab	w of sw corner of prop, silic mdst and fsp porph w 5% diss py
JR28	off grid	off grid	grab	25m N of JR27, silic and w 3% diss py
JR29	off grid	off grid	moss	Moss mat sample, on same loc as JR28
JR30	5700	7500	moss	Moss mat sample, near stream
JR31	5700	7710	moss	Moss mat sample, near stream
JR32	5900	7875	moss	Moss mat sample, near stream
JR33	5950	7900	moss	Moss mat sample, near stream
JR34	6000	7950	grab	Sheared fsp porph? w ca qz frcts, tr diss py
JR35	6000	7950	moss	Moss mat sample, near stream
JR36	6050	8050	grab	Fe stained, bleached fsp porph? w qz frcts

SAMPLE NUMBER	COORD NORTH	COORD EAST	SAMPLE WIDTH	DESCRIPTION
JR37	6100	8150	moss	Moss mat sample, near stream
JR38	6200	8210	moss	Moss mat sample, near stream
JR39	6200	8500	moss	Moss mat sample, near stream
JR40	6100	8565	moss	Moss mat sample, near stream
JR41	6000	8570	moss	Moss mat sample, near stream
JR42	5900	8565	moss	Moss mat sample, near stream
JR43	5800	8440	moss	Moss mat sample, near stream
JR44	5700	8350	moss	Moss mat sample, near stream
JR45	5600	8325	moss	Moss mat sample, near stream
JR46	5500	8200	moss	Moss mat sample, near stream
JR47	5400	8125	moss	Moss mat sample, near stream
JR48	5300	7975	moss	Moss mat sample, near stream
JR49	5200	7990	moss	Moss mat sample, near stream
JR50	5100	7725	moss	Moss mat sample, near stream
JR51	4900	8175	grab	vbx wqz frcts
JR52	4900	8200	grab	Silic 2 fsp porph w 3% py
JR53	8100	11500	grab	Fe stained, frct vbx and fsp porph w tr diss py
JR54	10530	10200	3.0m	Valentine zone, mal az stained, K alt monz w <5% diss cpy tr py
JR55	10535	10200	10.0m	Valentine zone, mal az stained, K alt monz w <5% diss cpy tr py
JR56	10540	10200	15.0m	Valentine zone, mal az stained, K alt monz w <5% diss cpy tr py
JR57	6200	12425	grab	Fe stained, bleached, prop alt and
JR58	10000	10420	9.0m	High grade trench, chip sample across north side of trench
JR59	10000	10420	9.0m	High grade trench, chip sample across south side of trench
JR60	6010	12200	grab	Fe stained vpx w qz frcts
JR61	off grid	off grid	grab	Fe stained shear in felsite, just west of beaver grid

APPENDIX II

GEOCHEMICAL AND ASSAY RESULTS FOR ROCK CHIP SAMPLES

ROSSBACHER LABORATORY LTD.

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

CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1702
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91141
INVOICE # : 20277
DATE ENTERED : 91-07-01
FILE NAME : TE91141.I
PAGE # : 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	PPB Au	PPB AA
A	91 PDMM 500	12	155	31	108	0.6	12	17	1207	4.56	46	5	ND	NE	314	1	5	2	104	4.01	0.39	12	68	1.32	268	0.02	0.89	0.08	0.26	0.01	1	3	5	
A	91 PDMM 501	2	119	15	114	0.2	8	16	1103	4.39	114	5	ND	ND	289	1	10	2	77	5.33	0.33	11	59	1.37	536	0.01	0.64	0.07	0.33	0.02	1	3	10	

CERTIFIED BY : Rossbacher

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3H1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

PROJECT : 1762
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91155
INVOICE # : 20282
DATE ENTERED : 91-07-05
FILE NAME : TEK91155.I
PAGE # : 2

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	PPB Au AA
A	91-PDMM-502	1	39	6	119	0.1	25	36	1426	4.80	11	5	ND	ND	196	1	2	2	129	3.21	0.20	8	49	1.39	1623	0.12	1.80	0.16	0.10	0.02	4	3	5
A	91-PDMM-503	3	160	2	67	0.1	14	24	1639	5.04	36	5	ND	ND	130	1	2	2	77	3.75	0.15	10	40	1.28	197	0.01	0.67	0.04	0.30	0.01	2	2	5
A	91-PDMM-504	1	1732	8	42	0.4	13	21	322	3.92	10	5	ND	ND	24	1	5	2	157	0.64	0.12	5	39	1.49	97	0.27	1.24	0.06	0.19	0.01	2	3	170
A	91-PDMM-505	1	121	8	54	0.2	7	20	1089	3.79	18	5	ND	ND	91	1	2	2	145	1.25	0.21	11	30	1.10	409	0.05	1.17	0.06	0.20	0.01	3	3	5
A	91-PDMM-506	3	126	22	96	0.6	11	23	2281	5.21	23	5	ND	ND	41	1	4	2	173	0.88	0.19	8	44	1.53	220	0.13	1.89	0.05	0.17	0.01	2	3	20
A	91-PDMM-507	2	64	4	61	0.1	424	52	2138	4.46	40	5	ND	ND	449	2	2	2	65	4.16	0.08	9	69	2.39	252	0.01	0.60	0.04	0.15	0.02	3	2	5
A	91-PDMM-508	3	101	1	50	0.2	16	21	955	3.19	7	5	ND	ND	202	1	2	2	108	6.17	0.17	12	25	0.95	105	0.04	0.76	0.07	0.20	0.01	1	2	10
A	91-PDMM-509	9	1286	7	39	0.5	9	9	260	3.08	11	5	ND	ND	26	1	2	8	152	0.44	0.13	5	37	0.72	128	0.09	0.60	0.05	0.11	0.01	3	2	ASSAY

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CERTIFICATE OF ANALYSIS

O : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

ROJECT : 1702
YPE OF ANALYSIS : ASSAY

CERTIFICATE # : 91155 A
INVOICE # : 20282
DATE ENTERED : 91-07-06
FILE NAME : TEK91155.A
PAGE # : 1

SE IX	SAMPLE NAME	oz/t Au	% Cu
A	91 PDMM 509	0.004	0.14

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

To : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ICP

Certificate: 91164
Invoice: 20295
Date Entered: 91-07-11
File Name: TEK91164
Page No.: 2

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	PPB AA	PPB AU
A	91PDMM-510	2	120	6	71	0.1	11	17	984	3.96	2	5	ND	ND	201	1	2	2	100	2.96	0.15	12	55	1.68	384	0.04	0.69	0.08	0.48	0.01	1	2	5
A	91PDMM-511	4	147	1	46	0.1	7	18	786	2.74	16	5	ND	ND	135	1	2	2	66	3.73	0.10	6	36	1.07	548	0.01	0.39	0.06	0.24	0.01	1	1	5
A	91PDMM-512	2	41	1	60	0.1	20	32	1039	4.99	4	5	ND	ND	455	1	2	2	80	4.37	0.07	7	53	2.56	187	0.01	0.53	0.06	0.40	0.01	1	2	5
A	91PDMM-513	2	49	9	72	0.1	15	19	1107	4.11	3	5	ND	ND	112	1	2	2	130	3.92	0.09	8	37	1.31	581	0.11	1.18	0.07	0.45	0.01	1	2	5
A	91PDMM-514	2	77	1	69	0.2	24	31	1007	5.06	5	5	ND	8	236	1	27	2	99	4.68	0.08	7	44	2.08	598	0.01	0.56	0.06	0.30	0.02	1	2	5
A	91PDMM-515	1	25	16	41	0.1	7	7	453	1.97	12	5	ND	ND	46	1	2	8	71	0.80	0.08	8	27	0.84	242	0.09	1.18	0.12	0.15	0.01	1	2	5

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
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Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ASSAY

Certificate: 91224 A
Invoice: 20379
Date Entered: 91-08-30
File Name: TEK91224.A
Page No.: 1

PREFIX	SAMPLE NAME	oz/t Au	% Cu
A	91PDMM 517	0.026	1.58
A	91PDMM 518	0.004	0.05
A	91PDMM 519	0.005	0.19
A	91PDMM 520	0.007	0.37
A	91PDMM 521	0.008	0.28
A	91PDMM 522	0.006	0.18
A	91PDMM 523	0.001	0.04
A	91PDMM 524	0.001	0.05
A	91PDMM 525	0.004	0.25
A	91PDMM 526	0.004	0.22
A	91PDMM 527	0.001	0.07
A	91PDMM 528	0.001	0.09
A	91PDMM 529	0.003	0.15
A	91PDMM 530	0.001	0.02
A	467584		0.05

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2225 S. Springer Ave., Burnaby,
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CERTIFICATE OF ANALYSIS

TO : TECK EXPLORATIONS LTD.
760-175 SECOND AVE.
KAMLOOPS, B.C.
PROJECT : 1702
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 91155
INVOICE # : 20282
DATE ENTERED : 91-07-05
FILE NAME : TEK91155.I
PAGE # : 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	PPB Au AA
A	91-JRMM-1	1	247	1	49	0.1	6	13	895	2.94	25	5	ND	ND	82	1	2	2	50	3.41	0.17	6	30	0.88	551	0.01	0.30	0.02	0.25	0.02	1	1	20
A	91-JRMM-2	1	38	3	94	0.1	10	13	969	3.20	7	5	ND	ND	80	1	2	2	134	1.93	0.16	9	43	1.28	124	0.19	1.26	0.06	0.16	0.01	3	3	5
A	91-JRMM-3	1	103	12	89	0.2	8	21	1095	4.52	45	5	ND	ND	81	1	4	2	149	1.94	0.24	11	40	1.09	142	0.23	1.63	0.12	0.27	0.02	5	3	10

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2225 S. Springer Ave., Burnaby,
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Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ICP

Certificate: 91164
Invoice: 20295
Date Entered: 91-07-11
File Name: TEK91164
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	PPB AA	PPB AU
A	91JRMM-004	2	23	3	22	0.1	8	7	328	3.05	44	5	ND	ND	37	1	2	2	95	1.22	0.13	12	48	0.97	188	0.06	0.90	0.07	0.17	0.01	1	2		5
A	91JRMM-005	2	2766	1	58	0.1	8	12	329	4.46	22	5	ND	ND	69	1	2	2	205	2.01	0.33	12	57	1.43	35	0.11	1.96	0.07	0.08	0.01	1	4		50

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2225 S. Springer Ave., Burnaby,
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To : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702

Type of Analysis: ICP

Certificate: 91183
Invoice: 20313
Date Entered: 91-07-11
File Name: TEK91183.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	PPB AU	AA
A	91MM-JR006	2	41	14	121	0.1	9	21	992	5.83	48	5	ND	ND	92	1	2	2	87	1.63	0.17	12	13	0.74	302	0.01	0.49	0.05	0.32	0.01	4	2	5	
A	91MM-JR007	3	41	20	113	0.2	11	21	934	4.56	19	5	ND	ND	59	2	6	8	173	2.90	0.18	13	15	0.98	57	0.20	1.17	0.08	0.14	0.01	6	3	5	
A	91MM-JR008	2	65	12	86	0.1	11	13	943	3.79	24	5	ND	ND	36	1	3	3	74	0.44	0.19	7	12	0.12	114	0.01	0.59	0.06	0.30	0.01	3	2	5	
A	91MM-JR009	2	52	20	140	0.1	11	14	762	3.01	14	5	ND	ND	76	2	2	3	122	1.24	0.18	9	3	0.92	112	0.15	1.58	0.11	0.13	0.02	3	2	5	

CERTIFIED BY : H. Rossbach

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
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To : TECK EXPLORATIONS LTD.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ICP

Certificate: 91195
Invoice: 20337
Date Entered: 91-07-31
File Name: TEK91195.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 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	PPB AU AA
A	91MMJR 011	5	1325	21	109	1.4	4	7	171	1.33	119	ND	ND	53	1	35	6	6	1.32	0.06	5	26	0.58	71	0.01	0.31	0.02	0.23	0.01	3	1	ASSAY
A	91MMJR 012	8	35	14	33	0.1	6	7	408	1.24	23	ND	ND	47	1	4	7	7	1.13	0.05	6	53	0.48	115	0.01	0.22	0.07	0.14	0.01	1	1	ASSAY
A	91MMJR 013	5	36104	11	356	7.9	14	23	374	8.05	18	ND	ND	53	2	2	9	324	2.21	0.14	10	82	1.36	66	0.20	2.18	0.07	0.12	0.01	22	3	ASSAY
A	91MMJR 014	10	1003	5	100	0.1	22	21	1371	4.87	79	ND	ND	142	2	2	6	82	10.67	0.22	11	50	1.86	197	0.01	0.38	0.06	0.15	0.02	1	2	ASSAY
A	91MMJR 023	2	101	24	42	0.1	14	8	436	1.64	15	ND	ND	139	1	3	3	31	1.97	0.08	11	29	0.78	715	0.01	0.34	0.05	0.21	0.01	1	1	5
A	91MMJR 024	7	259	12	107	0.1	110	33	944	5.20	2	ND	ND	515	3	2	2	161	5.52	0.20	12	84	3.08	700	0.16	2.85	0.24	1.96	0.02	3	3	30
A	91MMJR 026	7	18	24	39	0.7	8	9	201	7.75	45	ND	ND	24	1	2	3	78	0.29	0.04	3	41	0.19	91	0.01	0.41	0.07	0.07	0.01	10	1	50
A	91MMJR 027	5	82	12	65	0.1	11	19	986	3.60	2	ND	ND	306	2	2	3	62	6.49	0.17	12	13	1.08	336	0.02	0.86	0.09	0.45	0.01	1	1	40
A	91MMJR 028	2	109	11	69	0.1	6	22	729	4.03	12	ND	ND	224	1	2	3	126	2.64	0.12	12	15	1.07	187	0.22	2.23	0.31	0.75	0.01	2	2	20
A	91MMJR 034	5	109	16	84	0.1	19	33	1129	5.41	10	ND	ND	337	2	2	4	96	4.44	0.18	13	20	2.59	246	0.01	0.60	0.07	0.45	0.01	5	2	5
A	91MMJR 036	4	16	8	81	0.1	19	32	1120	5.45	2	ND	ND	881	2	2	2	103	5.52	0.20	6	32	3.08	707	0.01	0.31	0.05	0.25	0.01	9	2	5
A	91MMJR 051	1	66	6	51	0.1	109	24	841	3.40	2	ND	ND	342	1	2	2	41	8.71	0.24	2	27	5.38	32	0.01	0.15	0.04	0.13	0.01	1	1	5
A	91MMJR 052	1	10	3	8	0.7	1	1	141	1.62	2	ND	ND	40	1	2	2	1	0.62	0.03	1	12	0.35	148	0.01	0.17	0.02	0.12	0.01	1	1	70
M	91PDMM 516	1	50	3	59	0.1	28	14	595	3.95	2	ND	ND	10	1	2	2	92	1.27	0.09	1	22	1.64	38	0.26	2.46	0.04	0.18	0.02	1	1	5
S	91WS 001	1	139	9	75	0.1	5	9	547	3.11	3	ND	ND	70	1	2	2	128	1.42	0.08	3	15	1.34	28	0.19	1.72	0.06	0.06	0.01	1	2	5
M	91MMJR 010M	1	26	1	61	0.1	18	2	375	4.69	2	ND	ND	48	1	2	2	139	0.73	0.05	4	29	0.49	67	0.14	0.67	0.01	0.08	0.01	1	1	10
M	91MMJR 015M	1	31	2	155	0.1	44	47	12560	5.45	22	ND	ND	70	1	2	2	80	0.77	0.07	9	17	0.54	595	0.10	1.00	0.04	0.08	0.01	2	1	5
M	91MMJR 016M	1	31	8	167	0.1	48	45	10853	5.42	25	ND	ND	82	1	2	2	89	0.88	0.07	9	15	0.53	545	0.10	0.97	0.04	0.07	0.01	3	1	2180
M	91MMJR 017M	1	31	8	132	0.1	42	35	7650	4.45	24	ND	ND	62	1	2	2	83	0.82	0.06	9	10	0.55	557	0.10	0.95	0.04	0.08	0.01	3	1	5
M	91MMJR 018M	1	34	10	174	0.1	50	58	12789	6.06	25	ND	ND	67	1	2	2	100	0.77	0.07	10	10	0.52	587	0.11	1.01	0.05	0.09	0.01	2	1	260
M	91MMJR 019M	1	29	1	170	0.1	49	59	23767	5.33	15	ND	ND	79	1	2	2	76	0.79	0.08	8	12	0.46	920	0.08	0.84	0.05	0.09	0.02	1	1	1240
M	91MMJR 020M	1	34	10	177	0.1	56	63	20615	6.16	24	ND	ND	84	1	2	2	85	0.88	0.08	10	11	0.52	870	0.08	0.95	0.05	0.09	0.02	1	1	20
M	91MMJR 021M	1	35	6	195	0.1	53	64	12960	6.13	25	ND	ND	74	1	2	2	78	0.82	0.07	11	10	0.54	689	0.08	1.06	0.04	0.09	0.01	1	1	5
M	91MMJR 022M	1	34	6	176	0.1	52	51	15080	5.74	21	ND	ND	84	1	2	2	80	0.89	0.08	10	7	0.55	661	0.08	1.02	0.05	0.09	0.01	1	1	190
M	91MMJR 029M	2	41	8	95	0.1	41	15	728	4.75	13	ND	ND	71	1	2	3	133	1.27	0.08	13	13	0.71	136	0.16	1.00	0.03	0.09	0.01	1	2	100
M	91MMJR 030M	2	41	8	90	0.1	42	16	578	4.42	13	ND	ND	73	1	4	3	119	1.30	0.08	13	11	0.79	138	0.16	1.14	0.03	0.10	0.01	1	2	60
M	91MMJR 031M	2	43	14	96	0.1	46	16	601	4.60	19	ND	ND	72	1	5	3	124	1.26	0.08	13	11	0.80	143	0.16	1.15	0.04	0.10	0.01	1	2	870
M	91MMJR 032M	2	37	14	80	0.1	38	14	512	3.35	18	ND	ND	70	1	6	3	85	1.28	0.07	12	8	0.74	137	0.13	1.07	0.03	0.09	0.01	1	1	40
M	91MMJR 033M	2	37	16	79	0.1	38	14	521	3.50	18	ND	ND	76	1	4	3	90	1.48	0.08	14	8	0.73	134	0.14	1.07	0.03	0.09	0.01	1	1	50
M	91MMJR 035M	2	41	9	90	0.1	41	14	558	4.12	18	ND	ND	73	1	5	3	109	1.34	0.08	12	10	0.77	139	0.14	1.09	0.03	0.10	0.01	1	2	180
M	91MMJR 037M	2	42	12	89	0.1	43	16	581	3.64	16	ND	ND	77	1	6	4	90	1.44	0.08	13	15	0.82	146	0.13	1.16	0.03	0.11	0.01	6	1	10
M	91MMJR 038M	2	37	9	74	0.1	43	14	584	4.12	7	ND	ND	73	1	2	2	108	1.33	0.06	12	15	0.78	138	0.14	1.12	0.03	0.10	0.01	5	1	20
M	91MMJR 039M	1	24	6	55	0.1	28	10	409	3.71	3	ND	ND	37	1	2	2	107	0.55	0.03	8	13	0.47	88	0.13	0.77	0.02	0.07	0.01	1	1	230
M	91MMJR 040M	2	29	10	64	0.1	31	11	496	4.40	9	ND	ND	44	1	3	3	131	0.66	0.04	11	14	0.49	103	0.14	0.82	0.02	0.07	0.01	4	2	240
M	91MMJR 041M	2	29	2	57	0.1	31	11	491	3.40	2	ND	ND	46	1	2	2	94	0.67	0.03	9	10	0.53	120	0.13	0.90	0.02	0.08	0.01	4	1	870
M	91MMJR 042M	2	26	5	57	0.1	34	12	460	3.98	9	ND	ND	42	1	2	3	114	0.64	0.03	9	11	0.49	112	0.13	0.80	0.02	0.07	0.01	5	1	4000
M	91MMJR 043M	1	26	6	57	0.1	30	11	431	3.26	8	ND	ND	44	1	3	3	89	0.62	0.03	9	9	0.52	109	0.12	0.84	0.02	0.07	0.01	2	1	240
M	91MMJR 044M	2	28	8	59	0.1	32	11	467	3.85	5	ND	ND	44	1	2	3	109	0.66	0.03	10	10	0.53	115	0.13	0.87	0.02	0.08	0.01	4	1	2080
M	91MMJR 045M	2	29	8	63	1.0	34	12	471	4.08	4	ND	ND	47	1	3	4	118	0.68	0.04	11	11	0.52	119	0.14	0.87	0.02	0.07	0.01	6	2	110
I	91MMJR 046M	2	29	8	63	0.1	32	12	460	3.68	19	ND	ND	49	1	5	3	104	0.68	0.04	11	16	0.52	124	0.14	0.90	0.01	0.07	0.01	1	1	150

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.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ICP

Certificate: 91195
Invoice: 20337
Date Entered: 91-07-31
File Name: TEK91195.I
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	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	PPB ALI AA
I	91MMJR 047M	1	28	3	69	0.1	32	12	473	4.34	12	ND	ND	46	1	2	2	127	0.66	0.04	11	17	0.54	122	0.16	0.89	0.02	0.09	0.01	1	2	310
I	91MMJR 048M	2	32	2	68	0.1	31	12	478	3.29	13	ND	ND	54	1	3	2	88	0.77	0.04	9	11	0.58	131	0.13	0.98	0.01	0.08	0.01	1	1	450
I	91MMJR 049M	1	30	4	70	0.1	30	10	488	3.48	15	ND	ND	53	1	2	2	95	0.74	0.04	10	11	0.55	125	0.13	0.94	0.01	0.08	0.01	1	1	1140
I	91MMJR 050M	2	32	9	75	0.6	35	13	516	3.47	18	ND	ND	54	1	4	2	88	0.72	0.05	11	10	0.65	132	0.13	1.08	0.02	0.01	0.01	1	1	10

CERTIFIED BY : A. 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.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ICP

Certificate: 91208
Invoice: 20356
Date Entered: 91-08-29
File Name: TEK91208.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 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	PPB AU AA
A	91MM-JR 053	4	159	9	114	0.2	8	24	1415	3.79	15	ND	ND	70	1	6	2	87	2.27	0.45	12	12	0.88	354	0.05	1.27	0.06	0.25	0.01	11	2	5
A	91MM-JR 054	8	4188	3	133	1.3	10	15	780	4.05	834	ND	6	30	1	181	2	92	2.03	0.34	4	13	0.18	87	0.01	0.32	0.05	0.16	0.02	14	2	540
A	91MM-JR 055	5	1719	1	61	0.5	16	19	557	5.67	26	ND	ND	31	1	5	2	210	0.95	0.37	2	22	0.78	304	0.11	0.88	0.07	0.11	0.01	6	4	290
A	91MM-JR 056	5	3022	1	45	0.8	15	22	625	5.12	47	ND	ND	46	1	12	2	149	1.49	0.33	1	16	0.76	550	0.08	0.92	0.07	0.11	0.01	13	3	310
A	91MM-JR 057	5	92	1	87	0.1	119	39	1001	4.86	2	ND	ND	205	3	22	2	100	5.05	0.42	7	58	3.88	368	0.01	1.68	0.07	0.17	0.01	23	3	10
A	91MM-JR 058	4	11329	1	175	0.6	8	19	396	5.25	8	ND	ND	64	1	10	2	257	1.94	0.64	15	10	0.97	74	0.14	1.60	0.08	0.10	0.01	11	5	310
A	91MM-JR 059	8	4216	1	106	0.8	9	17	383	4.31	4	ND	ND	53	1	11	2	189	2.29	0.38	11	10	1.18	183	0.16	1.52	0.06	0.12	0.01	11	4	130

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.
960-175 SECOND AVE.
KAMLOOPS, B.C.

Project: 1702
Type of Analysis: ICP

Certificate: 91224 A
Invoice: 20379
Date Entered: 91-08-30
File Name: TEK91224.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 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	PPB AU AA
A	91JRMM 060	6	61	1	67	0.1	34	26	1363	4.08	2	ND	ND	164	1	2	2	92	11.99	0.42	10	23	5.80	35	0.01	0.33	0.08	0.01	0.01	1	3	10
A	91JRMM 061	3	71	1	61	0.1	13	20	1029	3.85	15	ND	ND	102	1	13	7	140	3.58	0.18	15	19	0.88	77	0.01	0.47	0.05	0.21	0.01	4	4	5
A	91PDMM 517	6	15330	1	145	0.7	16	29	512	7.49	9	ND	ND	68	1	8	2	350	2.68	0.20	14	3	1.47	115	0.20	2.25	0.07	0.06	0.01	8	7	ASSAY
A	91PDMM 518	2	667	3	61	0.1	12	25	966	5.47	42	ND	ND	56	1	6	2	221	2.09	0.17	7	13	1.67	303	0.13	2.07	0.07	0.08	0.01	5	5	ASSAY
A	91PDMM 519	3	1880	3	66	0.3	17	22	824	5.54	19	ND	ND	69	1	4	2	178	1.35	0.13	10	13	0.95	1247	0.09	1.08	0.06	0.09	0.01	1	4	ASSAY
A	91PDMM 520	3	3645	4	79	0.9	20	22	646	5.93	12	ND	ND	37	1	7	2	172	1.60	0.11	10	13	0.49	248	0.05	0.53	0.05	0.05	0.01	3	4	ASSAY
A	91PDMM 521	4	2820	11	65	0.7	20	21	733	5.69	18	ND	ND	23	1	8	5	178	1.88	0.11	11	14	0.32	81	0.03	0.46	0.06	0.08	0.01	2	4	ASSAY
A	91PDMM 522	13	1800	1	56	0.4	12	22	715	4.88	300	ND	9	38	1	16	8	144	2.93	0.16	9	15	0.54	129	0.05	0.69	0.06	0.11	0.01	5	3	ASSAY
A	91PDMM 523	6	398	11	52	0.1	13	23	788	5.08	51	ND	ND	42	1	10	2	213	2.16	0.14	8	14	1.27	249	0.11	1.63	0.07	0.08	0.01	5	5	ASSAY
A	91PDMM 524	6	456	3	64	0.1	15	25	1376	4.67	78	ND	ND	66	1	15	2	85	1.28	0.08	8	15	0.29	965	0.01	0.49	0.05	0.20	0.01	1	2	ASSAY
A	91PDMM 525	64	2398	3	59	0.3	15	29	881	5.27	1016	ND	ND	107	1	10	2	111	1.72	0.13	9	13	0.64	832	0.01	0.44	0.04	0.21	0.01	3	3	ASSAY
A	91PDMM 526	56	2330	6	79	0.3	15	38	1001	6.03	656	ND	5	90	1	17	4	118	1.35	0.11	10	10	0.46	771	0.02	0.57	0.06	0.30	0.01	4	3	ASSAY
A	91PDMM 527	14	726	5	67	0.1	19	37	1279	5.92	207	ND	ND	130	1	3	2	123	2.18	0.18	9	11	1.26	439	0.03	0.65	0.06	0.44	0.01	2	3	ASSAY
A	91PDMM 528	15	933	1	65	0.1	15	24	1219	3.95	328	ND	ND	76	1	8	2	90	2.57	0.15	8	21	0.76	1129	0.01	0.52	0.05	0.20	0.01	6	2	ASSAY
A	91PDMM 529	23	1513	7	66	0.1	13	29	902	5.00	535	ND	ND	57	1	6	2	89	1.32	0.10	7	14	0.33	635	0.02	0.58	0.05	0.25	0.01	1	2	ASSAY
A	91PDMM 530	4	225	5	73	0.1	12	22	1088	4.13	56	ND	ND	70	1	2	5	91	2.14	0.13	8	18	0.29	696	0.01	0.44	0.05	0.24	0.01	7	3	5

CERTIFIED BY : J. Rossbach

APPENDIX III

GEOCHEMICAL AND ASSAY METHODS OF ANALYSIS

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

SAMPLE PREPARATION: ROCK/CORE

The samples are dryed (if wet) , crushed in two stages, blended and mechanically split to give a 250 to 300 gram subsample.

The subsample is pulverized in a " Ring and Puck" pulverizer to approximately -150 mesh (80% < -180 mesh).

The subsample is blended by rolling the sample 60 times on glazed paper.

ANALYSIS:

GOLD ANALYSIS:

Gold is analyzed by conventional fire assay, Atomic Absorption finish.

Samples shoving gold content greater than one gram per tonne are automatically re-assayed to verify the first set of results and to determine if a nugget effect exists.

Samples having gold values exceeding five grams per tonne are normally assayed for "Metallics". The procedure involves taking a re-cut from the rejects and screening the new pulp to -140 mesh. The entire +140 mesh fraction is assayed separately. Two individual assays are performed on the -140 fraction and all the results are pro-rated to give the reported value.

Each set of forty samples assayed have one ore standard and one random duplicate sample included in the set.

GEOCHEMICAL ANALYSES: AU, CU, PB, ZN

We use a 0.500 gram sample which is digested in aqua regia for 2 hours at 95°C.

Elements are analyzed by atomic absorption using background correction for Ag and Pb.

Each set of forty samples will include one ore standard and one random duplicate sample. Samples giving silver values greater than 30 ppm are normally assayed. Assays for Cu, Pb, Zn are normally performed on samples having values greater than 1000 ppm.

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

SAMPLE PREPARATION (STANDARD)

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

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

METHODS OF ANALYSIS

All methods have either known or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion	Finish
Hot aqua-regia	Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion	Finish
Hot aqua-regia	ICP

2. Antimony

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

3. Arsenic

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

4. Barium

Digestion	Finish
Lithium Metaborate Fusion	Atomic Absorption

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ASSAYING - ENVIRONMENTAL TESTING
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5. **Beryllium**

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. **Bismuth**

Digestion	Finish
Hot aqua regia	Atomic Absorption

7. **Chromium**

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. **Fluorine**

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

9. **Mercury**

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

10. **Phosphorus**

Digestion	Finish
Lithium Metaborate Fusion	I.C.P. finish

11. **Selenium**

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

12. **Tellurium**

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

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13. Tin

Digestion	Finish
Ammonium Iodide Fusion	Hydride generation - A.A.S.

14. Tungsten

Digestion	Finish
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

15. Gold

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

16. Platinum, Palladium, Rhodium

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Graphite Furnace - A.A.S.

17. Uranium

Digestion	Finish
Hot HCl	Fluorometric

18. Thorium

Digestion	Finish
Hot Aqua Regia	I C P

JJ3/1

JAN. 1989

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, As, Cd, Cr): 0.50 g sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acids.
   The resulting extract is analyzed by Atomic Absorption Spectroscopy, using Background Correction where appropriate.

2. Tungsten: 0.50 g 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,

3. Tin: 0.50 g sample is sublimated by fusion with Ammonium Ildide, and dissolved.
   The resulting solution is extracted by a Trioctylphosphine-Methyl Isobutyl Ketone solution and analyzed by Atomic Absorption Spectroscopy.

4. Fluorine: 0.50 g sample is fused with a carbonate flux and then dissolved.
   The resulting solution is analyzed by use of an Ion Selective Electrode.

5. Gold: 10.0 g sample is digested with aqua regia.
   The resulting solution is subjected to a Methyl Isobutyl Ketone extraction, which extract is analyzed for gold using Atomic Absorption Spectroscopy.

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

7. Antimony: 0.50 g sample is fused with Ammonium Chloride and dissolved.
   The resulting solution is extracted with a Trioctylphosphine-Methyl Isobutyl Ketone solution and analyzed by Atomic Absorption Spectroscopy.

8. Barium: 0.50 g sample is repeatedly digested with $HClO_4$-HNO_3 and HF.
   The solution is analyzed by Atomic Absorption Spectroscopy.

9. Mercury: 0.50 g sample is digested with HNO_3-H_2SO_4.
The solution is analyzed by Atomci Absorption Spectroscopy using a cold vapor generation technique.

10. Rapid Silicate Analysis: 0.100 g sample is fused with Lithium Metaborate and dissolved in HNO_3.
The solution is analyzed by Atomic Absorption for SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2 and MnO.

11. Partial extraction and Fe/Mn oxides: 0.50 g 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 Absorption Spectroscopy.

12. Biogeochemical: Samples are dried, and ashed at 500°C and the resulting ash analyzed as in No. 1 multi-elemental analysis.

13. ICP analysis: 0.50 g sample is digested with aqua regia.
The resulting solution is diluted and analyzed using an ICP instrument manufactured by Jobin Yvon (Model JY 32, 1987).
The following elements are included in the 30-element analysis:
Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Si, Sr, Ti, U, V, W, Zn.

TRACE LEVEL GEOCHEMICAL ANALYSIS

A. ATOMIC ABSORPTION MULTI ELEMENT PACKAGE.

Digestion by $HClO_4$ / HNO_3, or Aqua Regia.
First element $2.25
Subsequent element $0.75

ELEMENT	DETECTION LIMIT		UPPER LIMIT
Arsenic	2	ppm	1.0%
Copper	1	ppm	1.0%
Molybdenum	1	ppm	1.0%
Lead	2	ppm	1.0%
Zinc	1	ppm	1.0%
Silver	0.1	ppm	20 ppm
Nickel	2	ppm	1.0%
Cobalt	2	ppm	1.0%
Cadmium	0.2	ppm	1.0%
Manganese	5	ppm	1.0%
Iron	5	ppm	10.0%
Chromium	2	ppm	0.1%

Background correction applied.

B. ICP MULTI ELEMENT PACKAGE.

a. Digestion by Aqua Regia
6 elements $5.00
12 elements $6.00
All elements $7.00

b. Digestion by $HClO_4$ / HNO_3 / HF mixture (Total)
24 elements $12.00

Aluminum	0.01%	* Magnesium	0.01%
Antimony	3 ppm	Manganese	1 ppm
Arsenic	3 ppm	Mercury	3 ppm
Barium	1 ppm	Molybdenum	1 ppm
Beryllium	1 ppm	Nickel	1 ppm
Bismuth	3 ppm	Phosphorus	0.001%
Boron	1 ppm	* Silicon	0.001%
Cadmium	0.5 ppm	* Sodium	0.01%
Calcium	0.01%	* Strontium	1 ppm
Chromium	1 ppm	* Titanium	0.01%
Cobalt	1 ppm	* Tungsten	3 ppm
Copper	1 ppm	Uranium	10 ppm
Iron	0.01%	Silver	0.2 ppm
Gold	3 ppm	Vanadium	1 ppm
Lanthanum	1 ppm	Zinc	1 ppm
Lead	2 ppm		

Elements for which the digestion is possibly incomplete are marked with an asterisk.

C. NOBEL METALS GEOCHEMICAL ANALYSIS.

Gold, Aqua Regia / AA Finish	5 ppb	$4.75
Gold, Fire Assay / AA Finish	5 ppb	$7.25
Gold & Platinum & Palladium, Fire Assay / AA Finish,	2 ppb, 15 ppb, 2 ppb	$15.00

D. SPECIFIC ELEMENTS.

ELEMENT	DETECTION LIMIT	UPPER LIMIT	PRICE
Antimony	1 ppm	0.1%	$4.00
Arsenic	1 ppm	1.0%	4.00
Barium	10 ppm	1.0%	4.50
Beryllium	0.1 ppm	0.1%	5.00
Bismuth	2 ppm	0.1%	4.00
Chromium	5 ppm	1.0%	4.50
Fluorine	10 ppm	1.0%	5.00
Lithium	1 ppm	1.0%	4.50
L.O.I.	0.01%	100%	4.00
Mercury	10 ppb	0.01%	2.75
Rubidium	1 ppm	1.0%	5.00
Selenium	1 ppm	0.1%	5.00
Strontium	1 ppm	1.0%	4.50
Sulfur	0.1%	100%	7.00
Tellurium	0.1 ppm	0.1%	6.00
Thallium	0.5 ppm	0.1%	5.00
Tin	2 ppm	0.1%	4.25
Tungsten	2 ppm	0.1%	4.25

E. PH ANALYSIS.

Soil, Silt and Water	$4.00

F. SPECIFIC GRAVITY.

$4.50

DISCOUNT POLICIES

All prices are on an individual basis, discounts may be negotiated for large volumes or contracts.

ORE-GI ... ANALYSIS

ELEMENT
Aluminum
Antimony
Arsenic
Barium
Bismuth
Cadmium
Calcium
Chromium
Cobalt
Copper (Total)
Copper (Non Sulphide)
Fluorine
Gold (A.A.)
Gold (F.A.)
Gold and Silver (F.A.)
Iron (Total)
Lead
Magnesium
Manganese
Mercury
Molybdenum (Total)
MoS_2 or MoO_3
Nickel
Phosphorus
Potassium
Silica (Fusion)
Silver (A.A.)
Sodium
Sulphur
Tin
Titanium
Tungsten
Uranium
Vanadium
Zinc

• CLASSICAL WHOLE ROCK ANA

SiO_2, Al_2O_3, Fe as Fe_2O_3, MgO,

K_2O, TiO_2, P_2O_5, MnO, BaO, Cr_2

APPENDIX IV

DRILL LOGS WITH ANALYTICAL RESULTS

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

TECK EXPLORATION LTD.
960 - 175 2nd. AVE.
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: PAUL DONKERSLOOT

SAMPLE IDENTIFICATION: 127 CORE SAMPLES RECEIVED OCTOBER 10, 1991
---------- PROJECT: 1702

ET#	Description	CU (%)
45 -	17545	.14
82 -	17582	.19
85 -	17585	.29
86 -	17586	.32

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

COPY

OCTOBER 21, 1991

CERTIFICATE OF ASSAY ETK 91-832

TECK EXPLORATION LTD.
960 - 175 2nd. AVE.
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: PAUL DONKERSLOOT

SAMPLE IDENTIFICATION: 51 ROCK SAMPLES RECEIVED OCTOBER 16, 1991
---------- PROJECT: 1702

ET#	Description	AU (g/t)	AU (oz/t)	CU (%)
36 -	17663	-	-	.12
44 -	17671	.91	.027	.29

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD
FRANK J. PEZZOTTI
B.C. CERTIFIED ASSAYER

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM91-5 PAGE 1a of 5

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Moose Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 102+00

EASTING 103+25

DATE : COLLARED October 10, 91

: COMPLETED October 11, 91

: LOGGED October 11, 91

LOGGED BY : P. Dombrowski

CORE SIZE : NQ

DEPTH	DIP	AZ.
0	-90	
111.86	-90	

LENGTH : 124.05

DEPTH OF OVB : 10.30

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM	TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0	10.30		overburden						17603	10.30	11.28	0.98	
10.30	17.60		Monzonite ? / Monzonite Breccia ? :						17604		14.33	3.05	
17.60	23.20		Fault						17605		17.37	3.04	
23.20	34.00		Silicified Bleached Monzonite						17606		20.42	3.05	
34.00	61.00		Monzonite Breccia						17607		23.47	3.05	
61.00	83.30		Monzonite						17608		26.52	3.05	
83.30	88.35		Strongly altered Monzonite						17609		29.57	3.05	
88.35	92.90		Monzonite						17610		32.61	3.04	
92.90	98.80		Strongly altered Monzonite						17611		35.66	3.05	
98.80	124.05		Monzonite						17612		38.71	3.05	
									17613		41.76	3.05	
									17614	41.76	44.81	3.05	
									17615	53.95	57.00	3.05	
									17616		60.05	3.05	
									17617		63.09	3.04	
									17618		66.14	3.05	
									17619	66.14	69.19	3.05	
									17620	83.30	84.43	1.13	
									17621		87.48	3.05	
									17622		90.53	3.05	
									17623		93.57	3.04	
									17624		96.62	3.05	
									17625	96.62	98.80	2.18	
									17626	117.96	121.01	3.05	

TECK EXPLORATIONS LIMITED

HOLE No. DDHMN91-5

DIAMOND DRILL LOG

COMPANY _____

PROJECT _____

PROPERTY _____

NTS _____

CLAIM _____

ELEVATION _____

GRID COORD. _____

NORTHING _____

EASTING _____

DATE : COLLARED _____

: COMPLETED _____

: LOGGED _____

LOGGED BY : _____

CORE SIZE : _____

DEPTH	DIP	AZ.

LENGTH : _____

DEPTH OF OVB : _____

CASING REMAINING : _____

WATERLINE LENGTH : _____

PROBLEMS : _____

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA: SAMPLE NO.	SAMPLE DATA: FROM	SAMPLE DATA: TO	SAMPLE DATA: LENGTH	RESULTS
								17627	121.01	124.05	3.04	

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM 91-6 PAGE 1 of 4

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Moose Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 106100

EASTING 92783

DATE : COLLARED October 11, 91

: COMPLETED October 12, 91

: LOGGED October 13, 91

LOGGED BY : P. Dombowski

CORE SIZE : NQ

DEPTH	DIP	AZ.
0	-45	22°
127.10	-44	

LENGTH : 127.10

DEPTH OF OVB : 305

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM	TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0	3.05		overburden (casing)						17628	59.50	60.05	0.55	
3.05	11.70		Argillite / Siltstone / Sandstone / Pebble Conglomerate						17629		63.09	3.04	
11.70	12.50		Hornblende Porphyritic Dyke						17630		66.14	3.05	
12.50	59.50		Argillite / Siltstone / Sandstone / Pebble Conglomerate						17631		69.19	3.05	
59.50	127.10		Altered Intrusive? Breccia						17632		72.24	3.05	
									17633		75.29	3.05	
									17634		78.33	3.04	
									17635		81.38	3.05	
									17636		84.43	3.05	
									17637		87.48	3.05	
									17638		90.53	3.05	
									17639		93.57	3.04	
									17640		96.62	3.05	
									17641		99.67	3.05	
									17642		102.72	3.05	
									17643		105.77	3.05	
									17644		108.81	3.04	
									17645		111.86	3.05	
									17646		114.91	3.05	

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM91-1

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Mouse Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 106+00

EASTING 92+83

DATE : COLLARED October 12, 91

: COMPLETED October 12, 91

: LOGGED October 13, 91

LOGGED BY : L. Dankowski

CORE SIZE : NQ

DEPTH	DIP	AZ.
0	-45	270

LENGTH : 32.00

DEPTH OF OVB : 7.00

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA: SAMPLE NO.	SAMPLE DATA: FROM	SAMPLE DATA: TO	SAMPLE DATA: LENGTH	RESULTS
0 - 7.00		overburden										
7.00 - 32.00		silty argillite										

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM91-8 PAGE 1 of 5

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Mouse Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 103+90

EASTING 102+27

DATE : COLLARED October 12, 91

: COMPLETED October 13, 91

: LOGGED October 14, 91

LOGGED BY : P. Dankulat

CORE SIZE : NQ

DEPTH	DIP	AZ.
0	-45	268
4785	-59	
12405	-39	

LENGTH : 9357

DEPTH OF OVB : 426

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0 - 4.26		overburden						17647	4.26	5.18	0.92	
4.26 - 8.20		Intrusive Breccia						17648		8.23	3.05	
8.20 - 9.90		Fault						17649		11.28	3.05	
9.90 - 22.30		Polylithic Intrusive? Breccia						17650		14.33	3.05	
22.30 - 24.10		Volcanic? Breccia						17651		17.37	3.04	
24.10 - 43.00		Polylithic Intrusive? Breccia						17652		20.42	3.05	
43.00 - 54.80		Lahar Breccia						17653		23.47	3.05	
54.80 - 93.57		Polylithic Intrusive? Breccia						17654		26.52	3.05	
								17655		29.57	3.05	
								17656		32.61	3.04	
								17657		35.66	3.05	
								17658	35.66	38.71	3.05	
								17659	69.19	72.24	3.05	
								17660	72.24	75.29	3.05	
								17661	75.29	78.33	3.04	

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM91-9 PAGE 1 of 3

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Moose Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 103+90

EASTING 102+27

DATE : COLLARED October 13 91

: COMPLETED October 14 91

: LOGGED October 14 91

LOGGED BY : Paul Donkersloot

CORE SIZE : NQ

DEPTH	DIP	AZ.
0	-45	90
124.05	-40	

LENGTH : 124.05

DEPTH OF OVB : 3.05

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM	TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0	3.05		overburden (casing)						17662	3.05	5.18	2.13	
3.05	30.50		Polylithic Intrusive? Breccia						17663		8.23	3.05	
30.50	31.00		Fault						17664		11.28	3.05	
31.00	121.50		Polylithic Intrusive? Breccia						17665		14.33	3.05	
121.50	122.00		Fault						17666		17.37	3.04	
122.00	124.05		Polylithic Intrusive? Breccia						17667		20.42	3.05	
									17668		23.47	3.05	
									17669		26.52	3.05	
									17670		29.57	3.05	
									17671		32.61	3.05	
									17672		35.66	3.05	
									17673	35.66	38.71	3.05	
									17674	50.90	53.95	3.05	
									17675	53.95	57.00	3.05	
									17676	57.00	60.05	3.05	
									17677	117.96	121.01	3.05	
									17678	121.01	124.05	3.04	

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

OCTOBER 18, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATIONS LTD.- ETK 91-826
960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: PAUL DONKERSLOOT

PROJECT NUMBER: 1702
127 ROCK SAMPLES RECEIVED OCTOBER 10, 1991

ET#	DESCRIPTION	AU(ppb)	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-	17501	5	<.2	1.99	<5	10	80	<5	4.47	<1	19	36	88	3.52	.06	10	1.51	754	1	<.01	5	1160	8	10	<20	38	.13	<10	175	<10	8	30
2-	17502	5	<.2	1.89	<5	18	35	<5	2.71	<1	10	40	117	2.56	.06	<10	.85	653	1	<.01	3	980	8	10	<20	23	.08	<10	121	<10	9	24
3-	17503	5	<.2	2.29	<5	14	45	<5	2.73	<1	20	25	70	4.19	.04	10	1.59	701	1	<.01	5	1450	8	5	<20	34	.12	<10	174	<10	6	26
4-	17504	5	<.2	2.47	5	16	45	<5	3.15	<1	24	39	79	4.80	.05	10	1.67	872	1	<.01	6	1540	8	10	<20	39	.13	<10	217	<10	5	31
5-	17505	5	<.2	2.16	5	18	25	<5	3.17	<1	20	33	287	3.69	.06	10	1.38	951	4	<.01	4	1370	8	10	<20	38	.12	<10	175	<10	7	37
6-	17506	5	<.2	2.50	10	14	70	<5	3.69	<1	23	33	197	4.40	.03	10	1.90	1161	2	<.01	6	1610	8	10	<20	48	.13	<10	186	<10	6	50
7-	17507	5	<.2	2.66	5	16	40	<5	3.41	<1	24	23	225	5.20	.03	10	1.82	1420	1	<.01	7	1280	8	10	<20	38	.12	<10	210	<10	2	50
8-	17508	10	<.2	2.38	10	20	45	<5	3.57	<1	22	34	267	4.68	.06	10	1.59	1038	2	<.01	6	1590	8	10	<20	41	.15	<10	224	<10	6	51
9-	17509	30	<.2	2.73	5	18	40	<5	3.74	<1	21	22	546	3.87	.03	10	1.61	1112	3	<.01	3	2020	10	10	<20	42	.11	<10	183	<10	7	55
10-	17510	15	<.2	2.22	5	16	40	<5	3.02	<1	20	40	507	4.15	.06	10	1.59	1035	4	<.01	5	1470	8	10	<20	44	.12	<10	183	<10	6	55
11-	17511	5	<.2	2.32	5	14	60	<5	3.23	<1	23	31	519	4.38	.05	10	1.79	1118	2	<.01	6	1560	8	10	<20	64	.12	<10	185	<10	5	51
12-	17512	5	<.2	2.30	5	14	50	<5	3.81	<1	20	31	312	4.03	.07	<10	1.91	1218	3	<.01	6	1250	6	10	<20	78	.11	<10	168	<10	4	52
13-	17513	5	<.2	2.32	<5	14	80	<5	3.77	<1	20	23	299	4.00	.04	<10	1.69	1022	3	<.01	5	1360	10	10	<20	80	.10	<10	173	<10	3	50
14-	17514	5	<.2	2.90	<5	12	90	<5	1.76	<1	49	293	74	4.31	.08	<10	7.61	761	<1	<.01	392	790	8	10	<20	207	.09	<10	117	<10	<1	40
15-	17515	5	<.2	2.34	5	20	30	<5	3.04	<1	20	108	93	3.49	.02	<10	2.96	591	5	<.01	72	1510	10	10	<20	114	.09	<10	163	<10	6	30
16-	17516	5	<.2	1.57	10	16	75	<5	4.24	<1	15	27	79	3.07	.08	<10	1.23	640	7	<.01	8	1450	6	5	<20	82	.07	<10	130	<10	7	28
17-	17517	5	<.2	.40	35	8	55	<5	10.69	<1	42	201	46	4.03	.01	<10	4.99	964	4	<.01	212	620	<2	10	<20	49	<.01	<10	77	<10	<1	42
18-	17518	5	<.2	.63	115	6	35	<5	8.37	<1	72	255	43	4.24	<.01	<10	4.06	605	<1	<.01	351	570	<2	10	<20	260	<.01	<10	46	<10	<1	45
19-	17519	5	<.2	.72	120	8	15	<5	7.86	<1	78	330	35	4.19	<.01	<10	4.13	551	<1	<.01	438	450	2	15	<20	223	<.01	<10	48	<10	<1	47
20-	17520	5	<.2	.66	110	8	15	<5	7.54	<1	65	242	39	3.78	<.01	<10	3.54	647	<1	<.01	253	490	2	10	<20	206	<.01	<10	50	<10	<1	36
21-	17521	5	<.2	1.25	15	6	100	<5	1.16	<1	14	44	121	2.73	.03	10	2.17	336	1	.01	45	1140	4	10	<20	2435	.02	<10	91	<10	2	18
22-	17522	5	<.2	1.22	15	8	50	<5	1.70	<1	14	47	66	2.89	.06	10	1.50	298	1	.01	9	1250	10	10	<20	176	.10	<10	113	<10	7	21
23-	17523	5	<.2	.57	15	6	195	<5	2.90	<1	10	22	101	2.97	.03	10	.81	413	1	<.01	3	1030	4	5	<20	403	.01	<10	108	<10	6	20
24-	17524	5	<.2	1.17	15	8	35	<5	3.05	<1	14	51	91	3.94	.05	10	1.05	453	1	<.01	8	1220	8	5	<20	159	.08	<10	152	<10	8	27
25-	17525	5	<.2	.58	25	12	390	<5	5.13	<1	13	22	41	3.26	.15	<10	1.65	701	<1	<.01	4	1040	2	10	<20	631	.02	<10	80	<10	3	29
26-	17526	5	<.2	.56	20	10	285	<5	3.32	<1	11	29	44	3.06	.13	10	1.06	656	1	<.01	4	940	2	10	<20	983	.02	<10	86	<10	4	34
27-	17527	5	<.2	1.15	5	8	25	<5	2.81	<1	9	33	24	2.37	.04	<10	.87	405	1	<.01	7	800	6	5	<20	435	.10	<10	117	<10	7	25

ET#	DESCRIPTION	AU(ppb)	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-	17528	5	<.2	.88	10	8	145	<5	2.84	<1	9	25	11	2.58	.06	10	.74	477	1	<.01	3	1180	4	5	<20	164	.03	<10	117	<10	6	24
29-	17529	5	<.2	.27	10	8	235	<5	2.42	<1	6	21	15	2.04	.10	<10	.82	383	1	<.01	1	640	2	5	<20	66	<.01	<10	55	<10	1	15
30-	17530	5	<.2	.47	20	8	40	<5	2.76	<1	7	27	11	2.24	.09	<10	.63	359	1	<.01	3	1180	2	5	<20	57	<.01	<10	70	<10	3	16
31-	17531	5	<.2	1.73	50	10	20	<5	1.80	<1	15	29	68	3.63	.04	<10	1.49	414	3	.01	2	1670	10	5	<20	20	.15	<10	169	<10	9	24
32-	17532	5	<.2	1.17	55	8	25	<5	1.63	<1	18	39	97	3.20	.12	<10	1.23	239	3	.01	1	1490	8	5	<20	25	.18	<10	132	<10	12	15
33-	17533	5	<.2	1.27	45	14	20	<5	1.40	<1	18	29	82	3.17	.06	<10	1.17	219	3	.01	3	1490	8	5	<20	18	.17	<10	135	<10	11	16
34-	17534	5	<.2	1.56	25	12	30	<5	1.43	<1	18	46	182	3.06	.10	<10	1.53	269	3	.02	5	1580	8	5	<20	31	.19	<10	148	<10	13	17
35-	17535	5	<.2	1.42	25	16	20	<5	1.55	<1	18	34	33	2.85	.09	<10	1.14	185	2	.02	2	1940	6	5	<20	23	.21	<10	154	<10	15	14
36-	17536	5	<.2	1.26	20	20	20	<5	1.30	<1	18	29	20	3.17	.09	<10	1.04	155	2	.03	2	1730	8	5	<20	20	.19	<10	120	<10	11	12
37-	17537	5	<.2	.97	25	12	25	<5	1.01	<1	12	37	18	2.00	.11	<10	.73	111	2	.04	1	1070	4	5	<20	20	.17	<10	101	<10	16	8
38-	17538	5	<.2	.85	10	14	25	<5	.95	<1	9	36	17	1.31	.09	<10	.52	107	3	.04	2	840	4	5	<20	19	.17	<10	94	<10	16	9
39-	17539	5	<.2	1.14	15	10	25	<5	1.07	<1	16	45	334	2.39	.11	<10	1.17	199	4	.04	4	1230	6	5	<20	31	.17	<10	127	<10	15	13
40-	17540	5	<.2	1.16	40	12	35	<5	3.53	<1	15	30	180	2.82	.11	<10	1.83	416	2	<.01	7	1420	4	10	<20	37	.08	<10	92	<10	6	26
41-	17541	5	<.2	1.71	35	12	25	<5	1.79	<1	21	72	522	3.60	.10	<10	2.03	346	2	.01	10	1500	8	10	<20	33	.15	<10	154	<10	8	24
42-	17542	5	<.2	1.55	30	12	25	<5	2.20	<1	20	116	643	3.41	.09	<10	1.98	363	3	<.01	12	1450	6	10	<20	31	.12	<10	124	<10	7	24
43-	17543	10	<.2	1.12	30	8	25	<5	2.35	<1	18	69	333	3.27	.10	10	1.56	331	1	<.01	9	1390	4	5	<20	27	.06	<10	80	<10	4	21
44-	17544	5	<.2	.50	80	10	20	<5	2.63	<1	15	16	181	3.22	.12	<10	1.42	320	1	<.01	5	1560	2	10	<20	31	<.01	<10	39	<10	1	20
45-	17545	30	<.2	.90	115	10	25	<5	2.19	<1	21	51	1394	3.65	.08	<10	1.61	281	3	<.01	8	1480	4	10	<20	39	.04	<10	91	<10	1	19
46-	17546	5	<.2	1.49	30	12	30	<5	2.19	<1	20	39	248	3.82	.09	10	1.67	357	3	<.01	6	1850	8	10	<20	45	.13	<10	120	<10	7	22
47-	17547	5	<.2	1.17	45	12	30	<5	1.53	<1	16	35	27	3.42	.07	<10	1.24	271	1	<.01	5	1590	6	10	<20	34	.16	<10	86	<10	7	17
48-	17548	5	<.2	1.43	30	14	35	<5	1.35	<1	18	49	339	3.17	.09	<10	1.61	331	4	.02	7	1520	8	10	<20	80	.15	<10	148	<10	8	20
49-	17549	10	<.2	1.64	30	14	30	<5	1.74	<1	22	67	542	3.52	.12	<10	1.97	396	3	.02	8	1750	10	10	<20	106	.16	<10	158	<10	8	25
50-	17550	10	<.2	1.68	45	16	30	<5	1.85	<1	23	51	419	3.59	.05	<10	1.61	351	4	.02	7	1830	12	10	<20	86	.15	<10	145	<10	6	22
51-	17551	5	<.2	1.38	30	14	30	<5	1.70	<1	15	41	150	2.76	.05	<10	1.21	284	2	.02	3	1370	12	10	<20	53	.12	<10	124	<10	5	37
52-	17552	5	<.2	1.68	25	16	40	<5	1.83	<1	17	44	375	3.39	.06	<10	1.49	392	3	.01	7	1600	10	15	<20	70	.13	<10	160	<10	6	30
53-	17553	5	<.2	1.64	20	16	45	<5	2.73	<1	21	65	756	3.94	.08	<10	1.61	491	4	<.01	10	1650	10	10	<20	105	.14	<10	182	<10	6	33
54-	17554	25	<.2	1.83	25	16	45	<5	2.44	<1	23	54	594	3.92	.09	<10	1.94	531	3	<.01	12	1900	14	15	<20	234	.16	<10	180	<10	8	35
55-	17555	5	<.2	1.00	<5	10	50	<5	.38	<1	10	84	23	1.75	.25	20	1.11	215	3	.02	34	410	10	5	<20	22	.05	<10	29	<10	4	31
56-	17556	5	<.2	1.23	15	6	25	<5	3.87	<1	15	15	273	3.92	.21	<10	1.61	401	1	<.01	7	1590	10	10	<20	20	.04	<10	120	<10	2	27
57-	17557	10	<.2	1.36	15	8	40	<5	4.28	<1	24	24	90	4.50	.14	<10	1.83	600	1	<.01	9	1480	12	10	<20	46	.08	<10	134	<10	3	41
58-	17558	25	<.2	1.50	20	8	75	<5	3.64	<1	29	57	110	5.30	.32	<10	2.48	658	<1	<.01	14	1240	8	10	<20	36	.05	<10	125	<10	<1	31
59-	17559	10	<.2	1.57	15	6	40	<5	3.21	<1	33	53	44	4.99	.42	<10	2.29	522	1	<.01	13	1270	16	15	<20	20	.08	<10	141	<10	<1	39
60-	17560	25	<.2	1.29	10	6	35	<5	2.78	<1	9	22	74	3.95	.11	<10	1.80	400	<1	<.01	8	1480	8	10	<20	28	.02	<10	115	<10	2	28
61-	17561	5	<.2	1.13	5	6	50	<5	4.10	<1	10	29	24	2.80	.08	<10	1.57	448	1	<.01	8	1110	6	10	<20	14	.02	<10	96	<10	6	27
62-	17562	20	<.2	1.35	15	6	15	<5	5.47	<1	16	33	66	2.64	.09	<10	1.95	471	1	<.01	8	1540	8	5	<20	8	.02	<10	140	<10	6	34
63-	17563	10	<.2	1.24	10	6	35	<5	5.42	<1	15	31	144	3.02	.15	<10	1.94	377	1	<.01	9	1590	6	10	<20	16	.05	<10	151	<10	7	25
64-	17564	45	<.2	1.14	5	6	20	<5	3.54	<1	14	23	63	2.53	.18	<10	1.46	337	1	<.01	3	1210	6	10	<20	17	.02	<10	89	<10	5	23

ET#	DESCRIPTION	AU(ppb)	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
65-	17565	5	<.2	1.18	5	6	15	<5	4.27	<1	6	23	10	2.81	.13	10	1.63	378	1	<.01	5	1390	6	10	<20	15	.02	<10	117	<10	8	25
66-	17566	5	<.2	1.36	15	6	15	<5	4.29	<1	20	44	103	3.62	.14	<10	2.03	376	1	<.01	7	1560	10	10	<20	16	.07	<10	147	<10	5	30
67-	17567	5	<.2	1.13	25	8	35	<5	4.73	<1	14	26	91	3.25	.26	<10	2.11	459	1	<.01	7	1340	6	15	<20	22	.01	<10	116	<10	4	35
68-	17568	5	<.2	1.33	20	8	20	<5	3.84	<1	20	32	102	3.67	.14	<10	2.09	363	1	<.01	7	1640	8	15	<20	21	.07	<10	155	<10	6	28
69-	17569	30	<.2	1.51	30	8	20	<5	4.21	<1	30	42	132	3.93	.19	<10	2.15	386	1	<.01	9	1650	12	15	<20	18	.15	<10	177	<10	9	26
70-	17570	105	<.2	1.23	15	6	30	<5	3.38	<1	35	38	296	3.15	.15	<10	1.75	374	3	<.01	10	1170	8	10	<20	8	.09	<10	122	<10	3	23
71-	17571	15	<.2	1.02	15	4	20	<5	4.18	<1	23	28	14	2.25	.20	<10	1.39	330	1	<.01	6	1190	4	10	<20	6	.04	<10	107	<10	4	20
72-	17572	5	<.2	1.08	10	6	45	<5	3.12	<1	8	27	44	3.52	.06	<10	1.66	373	<1	<.01	6	1020	6	10	<20	21	.04	<10	91	<10	3	23
73-	17573	5	<.2	1.86	5	22	125	<5	2.56	<1	13	24	62	3.02	.04	<10	1.08	488	1	<.01	2	1520	10	10	<20	44	.09	<10	157	<10	6	22
74-	17574	5	<.2	2.21	<5	12	75	<5	2.18	<1	32	236	60	3.27	.03	<10	4.88	490	<1	<.01	219	820	14	15	<20	125	.09	<10	106	<10	2	30
75-	17575	5	<.2	1.76	<5	8	120	<5	3.85	<1	28	166	66	3.04	.08	<10	3.87	520	1	<.01	195	660	8	10	<20	97	.04	<10	79	<10	<1	29
76-	17576	5	<.2	.68	15	8	40	<5	2.97	<1	13	24	158	2.34	.12	<10	.45	315	3	<.01	2	1130	4	<5	<20	45	.01	<10	53	<10	2	17
77-	17577	5	<.2	.92	15	6	50	<5	2.10	<1	12	20	164	2.83	.11	<10	.81	347	2	<.01	1	1090	6	10	<20	33	.04	<10	85	<10	3	19
78-	17578	5	<.2	.89	10	6	30	<5	2.26	<1	11	28	151	2.27	.09	<10	.64	316	3	<.01	1	980	6	5	<20	26	.06	<10	90	<10	4	15
79-	17579	5	<.2	.62	15	6	55	<5	3.00	<1	10	16	198	1.75	.13	<10	.28	306	2	<.01	1	1080	4	5	<20	25	<.01	<10	53	<10	2	15
80-	17580	15	<.2	.75	10	8	140	<5	5.57	<1	9	16	474	1.97	.16	<10	.39	474	2	<.01	1	1320	10	5	<20	34	.02	<10	66	<10	4	42
81-	17581	45	<.2	1.84	15	12	40	<5	3.21	<1	15	21	561	3.56	.06	<10	1.27	375	2	<.01	3	1510	16	10	<20	22	.16	<10	163	<10	8	26
82-	17582	30	<.2	1.90	10	10	45	<5	3.27	<1	16	25	1901	3.74	.06	<10	1.35	376	2	<.01	4	1610	16	10	<20	23	.16	<10	171	<10	7	25
83-	17583	20	<.2	1.90	10	14	30	<5	2.92	<1	16	20	675	3.54	.05	<10	1.05	326	2	<.01	4	1780	16	10	<20	14	.14	<10	175	<10	7	24
84-	17584	35	<.2	1.83	15	12	35	<5	3.13	<1	18	32	497	3.68	.07	<10	1.14	372	2	<.01	5	1690	14	10	<20	23	.16	<10	177	<10	7	26
85-	17585	125	<.2	1.71	25	14	30	<5	2.55	<1	26	61	2887	5.88	.06	10	1.56	412	<1	<.01	11	1730	12	15	<20	24	.18	<10	236	<10	3	33
86-	17586	120	<.2	1.68	20	12	45	10	2.42	<1	19	27	3217	4.18	.08	<10	1.29	372	3	<.01	6	1730	14	10	<20	37	.18	<10	195	<10	8	28
87-	17587	5	<.2	1.54	5	8	105	<5	3.25	<1	24	199	170	2.84	.01	<10	3.39	508	<1	<.01	97	710	8	10	<20	171	.09	<10	101	<10	2	27
88-	17588	5	<.2	1.13	15	10	210	<5	2.18	<1	16	32	202	3.10	.11	<10	1.39	492	1	<.01	5	1430	8	10	<20	182	.08	<10	126	<10	7	25
89-	17589	5	<.2	.87	15	12	230	<5	2.34	<1	12	30	231	3.04	.17	<10	1.13	431	1	<.01	3	1290	4	10	<20	106	.05	<10	106	<10	4	23
90-	17590	5	<.2	.35	10	12	525	<5	2.34	<1	7	14	80	2.06	.17	<10	.77	312	1	<.01	1	720	2	5	<20	237	<.01	<10	56	<10	<1	14
91-	17591	5	<.2	.61	65	18	220	<5	4.11	<1	14	30	274	2.73	.30	<10	1.32	449	2	<.01	5	1280	4	70	<20	263	<.01	<10	61	<10	1	23
92-	17592	5	<.2	.51	70	16	85	<5	3.63	<1	13	18	270	2.85	.20	<10	1.22	441	2	<.01	4	1280	4	65	<20	191	<.01	<10	67	<10	1	20
93-	17593	5	<.2	.50	15	16	90	<5	2.57	<1	11	33	41	2.27	.25	<10	.79	291	2	<.01	2	700	4	15	<20	181	<.01	<10	34	<10	<1	13
94-	17594	5	<.2	.52	85	16	50	<5	3.79	<1	16	22	307	3.01	.22	<10	1.21	445	3	<.01	5	1430	4	110	<20	142	<.01	<10	52	<10	<1	22
95-	17595	5	<.2	.72	65	16	75	<5	2.38	<1	13	30	184	2.05	.21	<10	1.02	298	3	<.01	4	1280	4	40	<20	115	<.01	<10	63	<10	3	15
96-	17596	5	<.2	.76	50	14	55	<5	2.52	<1	17	39	194	3.44	.19	10	1.23	383	3	<.01	10	1030	6	20	<20	123	.01	<10	92	<10	1	19
97-	17597	5	<.2	1.00	20	12	110	<5	2.78	<1	14	31	115	2.60	.17	<10	1.03	385	2	<.01	4	990	6	15	<20	131	.03	<10	69	<10	3	17
98-	17598	5	<.2	1.58	<5	10	60	<5	2.21	<1	15	35	75	2.95	.08	10	1.24	370	2	<.01	6	1220	8	10	<20	256	.07	<10	110	<10	5	17
99-	17599	5	<.2	2.18	<5	12	60	<5	3.69	<1	16	31	61	3.73	.12	10	1.42	549	1	<.01	7	1690	10	10	<20	520	.10	<10	135	<10	8	23
100-	17600	5	<.2	1.31	20	16	100	<5	3.25	<1	15	22	83	3.41	.19	10	1.28	441	1	<.01	11	1860	8	30	<20	461	.02	<10	99	<10	3	23
101-	17601	5	<.2	.78	15	18	190	<5	6.28	<1	14	18	43	3.35	.23	10	1.93	743	1	<.01	7	1600	2	20	<20	419	<.01	<10	70	<10	2	25

ET#	DESCRIPTION	AU(ppb)	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	Zr
102-	17602	5	<.2	2.12	<5	12	100	<5	3.56	<1	18	30	35	4.31	.14	10	1.52	622	1	<.01	9	1930	10	10	<20	269	.13	<10	151	<10	10	26
103-	17603	75	<.2	2.59	20	16	160	<5	3.42	<1	20	28	549	5.40	.08	10	1.90	663	2	<.01	6	2070	12	15	<20	45	.16	<10	266	<10	8	25
104-	17604	15	<.2	2.24	35	12	145	<5	3.70	<1	22	33	364	5.29	.07	10	1.85	642	1	<.01	8	2330	10	20	<20	51	.11	<10	242	<10	8	27
105-	17605	45	<.2	2.25	35	16	135	<5	4.05	<1	20	34	549	4.83	.06	10	1.71	539	3	<.01	6	1910	12	15	<20	35	.13	<10	248	<10	7	23
106-	17606	75	<.2	1.33	60	6	40	<5	2.64	<1	27	16	575	4.14	.05	10	1.00	342	2	<.01	7	2480	6	10	<20	35	.04	<10	174	<10	5	17
107-	17607	35	<.2	.75	40	6	35	<5	1.59	<1	18	22	275	3.23	.08	10	.25	199	2	<.01	6	1800	6	5	<20	33	<.01	<10	129	<10	4	12
108-	17608	5	<.2	.42	20	10	90	<5	4.55	<1	10	8	72	2.35	.15	<10	1.12	411	1	<.01	2	940	2	35	<20	33	<.01	<10	31	<10	2	20
109-	17609	35	<.2	.41	15	10	95	<5	4.81	<1	11	18	32	2.57	.16	<10	.78	791	1	<.01	5	870	2	15	<20	30	<.01	<10	60	<10	2	26
110-	17610	5	<.2	.51	10	10	165	<5	3.78	<1	9	14	24	2.44	.14	<10	.58	638	1	<.01	3	880	4	5	<20	47	<.01	<10	86	<10	4	25
111-	17611	5	<.2	1.37	15	8	130	<5	2.36	<1	24	39	81	3.75	.08	10	1.43	582	2	<.01	4	1560	8	10	<20	53	.10	<10	177	<10	11	26
112-	17612	5	<.2	.94	10	6	280	<5	1.98	<1	16	25	52	3.35	.05	10	.93	402	2	<.01	5	1560	6	5	<20	88	.05	<10	158	<10	10	23
113-	17613	5	<.2	.43	40	8	35	<5	1.82	<1	14	20	11	2.18	.08	<10	.56	214	3	.01	3	1390	2	5	<20	41	<.01	<10	55	<10	5	11
114-	17614	5	<.2	1.11	15	6	110	<5	2.45	<1	16	26	24	3.40	.07	10	1.03	447	1	<.01	5	1670	8	5	<20	66	.09	<10	152	<10	11	25
115-	17615	5	<.2	.72	25	8	60	<5	4.19	<1	15	26	125	2.84	.16	10	1.23	684	1	<.01	4	1460	6	10	<20	71	.01	<10	72	<10	7	28
116-	17616	5	<.2	.83	25	10	110	<5	3.80	<1	16	15	46	3.59	.14	10	1.47	563	1	<.01	4	1640	6	15	<20	90	.01	<10	118	<10	2	24
117-	17617	5	<.2	1.53	15	10	30	<5	2.53	<1	16	22	14	3.64	.06	<10	1.50	417	2	<.01	2	2090	10	10	<20	90	.08	<10	180	<10	7	18
118-	17618	5	<.2	1.80	25	14	25	<5	2.06	<1	18	18	44	3.48	.06	10	1.49	347	2	.01	3	2010	14	10	<20	65	.16	<10	189	<10	13	19
119-	17619	5	<.2	1.76	10	12	25	<5	3.40	<1	16	25	53	3.89	.04	10	1.49	433	2	<.01	3	1810	10	5	<20	61	.12	<10	189	<10	9	18
120-	17620	5	<.2	1.09	25	12	145	<5	3.47	<1	13	13	82	2.96	.13	10	1.24	366	1	<.01	2	1620	6	15	<20	65	.04	<10	133	<10	6	17
121-	17621	5	<.2	1.06	20	10	90	<5	3.45	<1	16	18	57	3.74	.15	10	1.18	411	2	<.01	2	1580	6	5	<20	59	.03	<10	137	<10	3	18
122-	17622	5	<.2	1.16	30	14	215	<5	4.55	<1	15	17	37	3.50	.15	<10	1.34	610	2	<.01	1	1740	6	10	<20	75	.04	<10	132	<10	4	24
123-	17623	5	<.2	1.37	20	10	120	<5	3.73	<1	14	28	52	3.41	.07	10	1.15	532	2	<.01	3	1820	8	5	<20	95	.06	<10	152	<10	8	22
124-	17624	5	<.2	.49	25	10	100	<5	6.09	<1	12	9	33	3.19	.14	<10	1.76	624	1	<.01	2	1600	2	15	<20	82	<.01	<10	89	<10	3	26
125-	17625	5	<.2	.50	25	8	40	<5	6.94	<1	15	16	45	3.47	.09	<10	1.87	539	1	<.01	3	1460	2	15	<20	132	<.01	<10	91	<10	1	27
126-	17626	5	<.2	2.17	5	16	65	<5	4.26	<1	17	22	18	3.98	.05	<10	1.37	426	1	<.01	3	1980	12	10	<20	429	.14	<10	209	<10	8	23
127-	17627	5	<.2	2.28	10	14	70	<5	5.66	<1	20	40	20	4.40	.04	10	1.52	715	2	<.01	6	2140	16	10	<20	500	.10	<10	207	10	8	30

NOTE: > = greater than
< = less than

TECK5/SC5

ECO-TECH LABORATORIES
Frank J. Pezzotti, A.Sc.T.
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

OCTOBER 21,1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATIONS LTD.- ETK 91-832
960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: FRED DALEY

PROJECT NUMBER: 1702
51 ROCK SAMPLES RECEIVED OCTOBER 16, 1991

ET#	DESCRIPTION	AU(ppb)	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-	17628	5	.2	.44	205	20	80	<5	5.39	<1	17	19	294	4.07	.12	<10	1.31	1613	3	<.01	4	1320	14	50	<20	179	<.01	<10	32	<10	<1	107
2-	17629	10	.2	.50	85	16	195	<5	5.28	<1	20	47	146	4.34	.22	10	1.54	1683	2	<.01	5	1680	10	40	<20	245	<.01	<10	67	<10	1	88
3-	17630	60	<.2	.49	35	14	80	<5	4.06	<1	17	11	68	3.71	.27	10	1.42	1563	1	<.01	<1	1630	10	10	<20	192	<.01	<10	116	<10	2	81
4-	17631	65	<.2	.44	35	16	65	<5	4.98	<1	17	19	52	3.71	.25	10	1.37	1649	1	<.01	1	1730	10	15	<20	159	<.01	<10	108	<10	2	80
5-	17632	75	<.2	.50	125	16	85	<5	4.48	<1	17	9	80	3.88	.25	<10	1.19	1599	<1	<.01	1	1560	12	20	<20	201	<.01	<10	85	<10	<1	86
6-	17633	115	.4	.49	170	18	125	<5	4.62	<1	21	21	495	4.63	.23	10	1.30	1773	3	<.01	2	2110	8	45	<20	222	<.01	<10	74	<10	<1	110
7-	17634	5	.2	.28	55	14	275	<5	4.06	<1	15	8	110	3.25	.18	<10	1.09	1403	1	<.01	1	870	4	25	<20	275	<.01	<10	38	<10	<1	62
8-	17635	5	.2	.35	55	16	175	<5	4.39	<1	15	13	116	3.38	.21	<10	1.02	1472	2	<.01	1	1120	4	30	<20	206	<.01	<10	36	<10	<1	62
9-	17636	5	.2	.39	85	14	160	<5	4.42	<1	16	12	157	3.58	.21	10	1.34	1442	2	<.01	2	1310	4	45	<20	322	<.01	<10	41	<10	<1	66
10-	17637	5	.2	.41	50	18	335	<5	4.51	<1	15	22	136	3.29	.23	<10	1.28	1363	1	<.01	1	1260	6	45	<20	255	<.01	<10	43	<10	1	61
11-	17638	5	.2	.37	90	16	205	<5	4.03	<1	14	18	104	3.35	.18	<10	1.19	1303	2	<.01	1	1410	6	35	<20	296	<.01	<10	34	<10	1	62
12-	17639	5	.2	.37	105	16	100	<5	4.89	<1	15	12	75	3.52	.14	10	1.54	1471	1	<.01	2	1260	6	40	<20	301	<.01	<10	33	<10	<1	60
13-	17640	15	<.2	.43	65	16	125	<5	3.53	<1	17	19	147	3.76	.21	<10	1.63	1348	1	<.01	3	1330	6	55	<20	331	<.01	<10	56	<10	1	65
14-	17641	10	<.2	.38	70	16	115	<5	3.76	<1	15	14	147	3.68	.18	<10	1.67	1262	3	<.01	3	1300	8	55	<20	273	<.01	<10	50	<10	1	63
15-	17642	5	<.2	.55	40	14	240	<5	3.78	<1	18	22	211	3.87	.28	10	1.85	1475	<1	<.01	2	1620	4	45	<20	321	<.01	<10	68	<10	2	88
16-	17643	210	.2	.44	10	14	455	<5	4.58	<1	19	16	218	3.77	.26	10	2.17	1709	<1	<.01	6	1730	2	15	<20	413	<.01	<10	85	<10	1	85
17-	17644	5	.2	.33	35	12	260	<5	3.80	<1	16	13	209	3.46	.19	10	1.68	1448	<1	<.01	3	1440	4	35	<20	276	<.01	<10	55	<10	1	74
18-	17645	5	<.2	.35	70	12	215	<5	4.34	<1	16	17	163	3.71	.15	10	1.91	1450	1	<.01	4	1340	6	30	<20	225	<.01	<10	54	<10	1	68
19-	17646	5	<.2	.77	35	8	140	<5	4.38	<1	20	42	237	4.14	.15	10	1.99	1511	<1	<.01	9	1760	4	15	<20	302	.01	<10	131	<10	4	92
20-	17647	5	<.2	.66	10	14	525	<5	6.14	<1	24	16	16	4.21	.40	10	.92	1405	<1	<.01	5	1650	4	15	<20	48	.01	<10	78	<10	<1	57
21-	17648	10	<.2	.71	15	18	200	<5	4.96	<1	23	14	22	4.54	.42	10	.44	1455	1	<.01	3	1980	4	15	<20	39	.02	<10	88	<10	1	49
22-	17649	5	<.2	.54	10	14	145	<5	4.86	<1	12	27	71	2.57	.32	<10	1.54	984	1	<.01	1	1590	2	15	<20	55	<.01	<10	63	<10	2	36
23-	17650	5	<.2	.60	5	14	675	<5	4.95	<1	15	18	25	2.77	.37	10	1.95	1034	<1	<.01	2	1720	4	15	<20	96	.02	<10	101	<10	4	36
24-	17651	5	<.2	.54	5	12	510	<5	4.38	<1	12	15	89	2.53	.28	<10	1.70	984	<1	<.01	1	1350	2	10	<20	81	.01	<10	89	<10	3	33
25-	17652	5	<.2	.51	20	8	80	<5	5.89	<1	11	12	96	2.61	.17	10	1.74	1031	1	<.01	2	1220	2	15	<20	87	.01	<10	87	<10	4	37
26-	17653	5	<.2	.47	10	10	90	<5	5.57	<1	10	19	20	2.58	.20	<10	1.99	1068	<1	<.01	1	1070	<2	15	<20	68	<.01	<10	77	<10	3	34

ET#	DESCRIPTION	AU(ppb)	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
27-	17654	5	<.2	.56	25	10	315	<5	3.64	<1	13	29	116	2.82	.15	10	1.07	1030	2	<.01	3	1170	2	15	<20	212	.02	<10	96	<10	5	39
28-	17655	10	<.2	.73	15	10	570	<5	3.70	<1	14	29	74	3.02	.12	10	1.04	1144	1	<.01	4	1400	4	5	<20	186	.05	<10	123	<10	8	41
29-	17656	5	<.2	.79	20	8	585	<5	2.57	<1	13	26	179	3.07	.08	10	.80	1014	1	<.01	3	1300	6	5	<20	575	.06	<10	137	<10	9	40
30-	17657	5	<.2	.38	10	10	250	<5	3.91	<1	11	21	34	2.70	.18	10	1.42	1252	<1	<.01	2	1170	2	10	<20	90	.01	<10	96	<10	4	34
31-	17658	10	<.2	.37	10	12	785	<5	4.08	<1	12	14	17	2.70	.21	<10	1.61	1239	1	<.01	1	1220	2	10	<20	106	<.01	<10	84	<10	2	39
32-	17659	5	<.2	1.79	<5	16	35	<5	2.44	<1	16	40	44	3.03	.05	10	1.27	930	2	.02	2	1280	10	10	<20	130	.20	<10	155	<10	17	45
33-	17660	5	<.2	1.52	<5	14	60	<5	2.34	<1	15	32	61	3.07	.13	10	1.17	903	2	.03	3	1290	10	5	<20	222	.20	<10	156	<10	15	43
34-	17661	5	<.2	1.65	<5	10	40	<5	2.63	<1	16	33	80	3.02	.13	10	1.06	774	1	.14	3	1340	10	5	<20	242	.15	<10	140	<10	12	33
35-	17662	5	<.2	.55	15	16	465	<5	5.96	<1	13	15	95	2.79	.32	<10	1.51	1181	1	<.01	1	1510	2	10	<20	73	<.01	<10	58	<10	3	43
36-	17663	55	<.2	.94	35	10	185	<5	3.55	<1	17	35	>1000	3.54	.12	10	1.27	795	2	<.01	5	1250	6	10	<20	236	.05	<10	136	<10	4	40
37-	17664	80	<.2	1.79	<5	10	170	<5	3.45	<1	24	42	752	4.74	.10	10	1.65	875	4	<.01	9	1580	8	10	<20	262	.14	<10	211	<10	8	44
38-	17665	145	<.2	1.80	<5	12	45	<5	3.25	<1	17	66	660	5.16	.08	10	1.26	649	5	<.01	12	1290	10	10	<20	29	.11	<10	276	<10	3	35
39-	17666	65	<.2	1.38	<5	12	90	<5	3.09	<1	12	73	302	3.00	.08	<10	.96	533	6	<.01	10	1030	8	5	<20	51	.10	<10	168	<10	6	28
40-	17667	35	<.2	1.38	<5	12	30	<5	3.12	<1	13	53	292	3.61	.07	<10	.94	584	6	<.01	8	1200	6	5	<20	40	.08	<10	186	<10	5	30
41-	17668	65	<.2	1.71	<5	10	65	<5	3.19	<1	17	59	388	3.68	.08	10	1.37	767	4	<.01	7	1200	10	10	<20	42	.13	<10	173	<10	8	38
42-	17669	105	<.2	1.52	<5	8	110	<5	4.02	<1	17	46	711	3.89	.06	10	1.37	871	4	<.01	7	1230	8	15	<20	113	.09	<10	178	<10	8	38
43-	17670	325	<.2	1.42	<5	8	50	<5	3.10	<1	18	36	667	3.83	.06	10	1.31	891	3	<.01	6	1360	10	10	<20	130	.10	<10	184	<10	7	39
44-	17671	>500	.2	1.36	5	8	85	<5	4.08	<1	22	46	>1000	3.69	.08	10	1.27	847	3	<.01	7	1210	10	10	<20	167	.10	<10	154	<10	7	37
45-	17672	5	<.2	1.49	10	12	30	<5	2.66	<1	14	23	96	2.73	.23	10	1.01	874	2	.01	3	1620	10	10	<20	137	.15	<10	132	<10	15	42
46-	17673	5	<.2	.94	10	10	120	<5	3.42	<1	13	39	102	2.60	.18	10	1.06	753	1	.01	4	1140	6	10	<20	154	.08	<10	119	<10	9	28
47-	17674	5	<.2	.44	15	12	395	<5	3.57	<1	13	29	10	2.91	.21	<10	1.27	1017	1	<.01	2	1170	2	10	<20	86	.01	<10	90	<10	3	35
48-	17675	5	<.2	.79	20	10	535	<5	3.22	<1	17	36	24	3.39	.24	10	1.09	828	1	<.01	5	1440	6	10	<20	149	.06	<10	138	<10	7	29
49-	17676	5	<.2	.27	15	6	320	<5	2.37	<1	10	19	15	2.20	.07	<10	.62	447	1	<.01	2	760	2	5	<20	99	.01	<10	92	<10	4	16
50-	17677	5	<.2	1.11	85	8	140	<5	3.65	<1	15	28	54	2.91	.13	<10	.75	755	1	<.01	3	1520	6	10	<20	182	.09	<10	119	<10	9	35
51-	17678	5	<.2	1.03	25	6	470	<5	4.13	<1	11	17	81	3.04	.09	10	1.02	791	<1	<.01	2	1630	6	10	<20	521	.01	<10	121	<10	8	33

NOTE: < = LESS THAN
> = GREATER THAN

TECK5/BC5

ECO-TECH LABORATORIES LTD.
Per FRANK J. PEZZOTTI
B.C. CERTIFIED ASSAYER

TECK EXPLORATIONS LIMITED

HOLE No. DDH MM 91-1

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Mouse Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 100+00N

EASTING 104+59E

DATE: COLLARED October 1, 91

: COMPLETED October 2, 91

: LOGGED October 3, 91

LOGGED BY: P. Dunbar

CORE SIZE: NQ

DEPTH	DIP	AZ.
0	-60	274
1040	-52	

LENGTH: 1408.2

DEPTH OF OVB: 6.10

CASING REMAINING:

WATERLINE LENGTH:

PROBLEMS: Core is blocky.

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0 - 6.10		overburden						17501	6.10	8.23	2.13	
6.10 - 46.10		monzonite						17502	8.23	11.28	3.05	
46.10 - 48.60		fault						17503	11.28	14.33	3.05	
48.60 - 81.80		monzonite						17504	14.33	17.37	3.04	
81.80 - 89.45		fault						17505	17.37	20.42	3.05	
89.45 - 93.60		intensely altered monzonite						17506	20.42	23.47	3.05	
93.60 - 118.00		monzonite						17507	23.47	26.52	3.05	
118.00 - 140.82		altered monzonite/monzonite breccia						17508	26.52	29.57	3.05	
								17509	29.57	32.61	3.04	
								17510	32.61	35.66	3.05	
								17511	35.66	38.71	3.04	
								17512	38.71	41.76	3.05	
								17513	41.76	44.81	3.05	
								17514	44.81	47.85	3.04	
								17515	47.85	50.90	3.05	
								17516	50.90	53.95	3.05	
								17517	80.60	81.80	1.20	
								17518	81.80	84.43	2.63	
								17519	84.43	87.48	3.05	
								17520	87.48	89.45	1.97	
								17521	89.45	90.53	1.08	
								17522	90.53	93.57	3.04	
								17523	118.00	121.00	3.00	
								17524	121.00	124.05	3.05	

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM91-1 PAGE 1b of 5

DIAMOND DRILL LOG

COMPANY _____

PROJECT _____

PROPERTY _____

NTS _____

CLAIM _____

ELEVATION _____

GRID COORD. _____

NORTHING _____

EASTING _____

DATE : COLLARED _____

: COMPLETED _____

: LOGGED _____

LOGGED BY : _____

CORE SIZE : _____

DEPTH	DIP	AZ.

LENGTH : _____

DEPTH OF OVB : _____

CASING REMAINING : _____

WATERLINE LENGTH : _____

PROBLEMS : _____

DEPTH (metres) FROM	TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
									17525	124.05	127.10	3.05	
									17526	127.10	130.15	3.05	
									17527	130.15	133.20	3.05	
									17528	133.20	136.25	3.05	
									17529	136.25	139.29	3.04	
									17530	139.29	140.82	1.53	

TECK EXPLORATIONS LIMITED

HOLE NO. DDHMM91-2 PAGE 1 of 4

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Mouse Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 99+07

EASTING 104+25

DATE: COLLARED October 8, 91

: COMPLETED October 9, 91

: LOGGED October 9, 91

LOGGED BY: P. Donkersloot

CORE SIZE: NQ

DEPTH	DIP	AZ.
0	-90	-
39.93	-87	

LENGTH: 90.53

DEPTH OF OVB: 4.57

CASING- REMAINING:

WATERLINE LENGTH:

PROBLEMS: Core very blocky from 0-70 m

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0-4.57		overburden						17531	4.57	8.23	3.66	
4.57-12.00		monzonite						17532		11.28	3.05	
12.00-33.60		strongly altered monzonite						17533		14.33	3.05	
33.00-65.10		altered monzonite breccia						17534		17.37	3.04	
65.10-71.80		monzonite						17535		20.42	3.05	
71.80-74.70		monzonite breccia						17536		23.47	3.04	
74.70-90.53		monzonite						17537		26.52	3.05	
								17538		29.57	3.05	
								17539		32.61	3.04	
								17540		34.75	2.14	
								17541		37.80	3.05	
								17542		39.93	2.12	
								17543		41.76	1.83	
								17544		44.81	3.05	
								17545		47.85	3.04	
								17546		50.90	3.05	
								17547		51.12	1.22	
								17548		53.95	1.83	
								17549		55.17	1.22	
								17550		56.69	1.52	
								17551		59.74	3.05	
								17552		62.03	2.29	
								17553		63.09	1.06	
								17554		65.10	2.01	

TECK EXPLORATIONS LIMITED

HOLE No. DDMM91-3 PAGE 1 of 4

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Mossa Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 95+99N

EASTING 104+65E

DATE : COLLARED October 9, 91

: COMPLETED October 9, 91

: LOGGED October 10, 91

LOGGED BY : Paul Dankewich

CORE SIZE : NQ

DEPTH	DIP	AZ.
0	-45	268
90.53	-37	

LENGTH : 90.53

DEPTH OF OVB : 3.56

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0 - 3.56		overburden (casing)						17555	20.42	23.47	3.05	
3.56 - 27.00		Monzonite						17556		26.52	3.05	
27.00 - 36.00		Monzonite Breccia						17557		29.57	3.05	
36.00 - 90.53		Monzonite						17558		32.61	3.04	
								17559		35.66	3.05	
								17560		38.71	3.04	
								17561		41.76	3.05	
								17562		44.81	3.05	
								17563		47.85	3.05	
								17564		50.90	3.05	
								17565		53.95	3.05	
								17566		57.00	3.05	
								17567		60.04	3.04	
								17568		63.09	3.05	
								17569		66.14	3.05	
								17570		69.19	3.05	
								17571		72.24	3.05	
								17572		75.28	3.04	

TECK EXPLORATIONS LIMITED

HOLE No. DDHMM91-4 PAGE 1a of 4

DIAMOND DRILL LOG

COMPANY

PROJECT 1702

PROPERTY Mount Mountain

NTS

CLAIM

ELEVATION

GRID COORD.

NORTHING 99+98

EASTING 104+12

DATE: COLLARED October 9, 91

: COMPLETED October 10, 91

: LOGGED October 16, 91

LOGGED BY: Paul Dankerbeck

CORE SIZE: NQ

DEPTH	DIP	AZ.
0	-45°	180°
92.96	-41	

LENGTH: 92.96

DEPTH OF OVB: 3.66

CASING REMAINING:

WATERLINE LENGTH:

PROBLEMS: Several caves were intersected in the first 70'

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0 - 3.66		overburden (Casing)						17573	3.66	5.18	1.52	
3.66 - 47.30		monzonite						17574		8.23	3.05	
47.30 - 52.83		monzonite Breccia						17575		11.28	3.05	
52.80 - 75.90		Bleached siliceous? monzonite Breccia						17576		14.33	3.05	
75.90 - 92.96		monzonite Breccia						17577		17.37	3.05	
								17578		20.42	3.05	
								17579		23.47	3.05	
								17580		26.52	3.05	
								17581		29.57	3.05	
								17582		32.61	3.04	
								17583		35.66	3.05	
								17584		38.71	3.05	
								17585		41.76	3.05	
								17586		44.81	3.04	
								17587		47.85	3.04	
								17588		50.90	3.05	
								17589		53.95	3.05	
								17590		57.00	3.05	
								17591		60.05	3.05	
								17592		63.09	3.04	
								17593		66.14	3.05	
								17594		69.19	3.05	
								17595		72.24	3.05	
								17596		75.29	3.05	

TECK EXPLORATIONS LIMITED

HOLE No. CCHMM91-4

DIAMOND DRILL LOG

COMPANY _____

PROJECT _____

PROPERTY _____

NTS _____

CLAIM _____

ELEVATION _____

GRID COORD. _____

NORTHING _____

EASTING _____

DATE : COLLARED _____

: COMPLETED _____

: LOGGED _____

LOGGED BY : _____

CORE SIZE : _____

DEPTH	DIP	AZ.

LENGTH : _____

DEPTH OF OVB : _____

CASING REMAINING : _____

WATERLINE LENGTH : _____

PROBLEMS : _____

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO.	FROM	TO	LENGTH	RESULTS
								17597	7529	7835	3.04	
								17598		8138	3.05	
								17599		8382	2.44	
								17600		8687	3.05	
								17601		8992	3.05	
								17602		9296	3.04	

P.D.I. GRID

RAINBOW BRECCIA ZONE

NORTH GRID

VALENTINE ZONE

HIGH GRADE ZONE

DDH-1

DDH-2

DDH-3

DDH-4

DDH-5

DDH-6

DDH-7

DDH-8

DDH-9

SOUTH GRID

MARCH 1991 GRID

BEAVER GRID

Jess Lake

Sixteen Mile Lake

Fifteen Mile Lake

Thirteen Mile Lake

Big Canyon Creek

Fifteen Mile Creek

Cotwood

L 100+00N

L 90+00N

L 85+00N

L 80+00N

L 75+00N

L 70+00N

L 86+00N

L 73+00N

L 67+00N

L 82+00N

L 62+00N

L 56+00N

L 52+00N

B/L 75+00E

B/L 85+00E

B/L 95+50E

B/L 100+70E

T/L 114+00E

T/L 125+00E

110+00E

LITHOLOGIES

SEDIMENTARY and VOLCANIC ROCKS

UPPER TRIASSIC (CARNIAN)

- 1a — dark grey shale siltstone and sandstone
- 1b — grey green to dark grey andesite and basalt
- 1c — volcanic sediments

UPPER TRIASSIC (NORIAN)

- 2 — pyroxene porphyritic basalt and fragmental basalt

LOWER JURASSIC (SINEMURIAN)

- 3a — intermediate to mafic andesite, bastite and ash tuff
- 3b — feldspar porphyry
- 3c — polylithic agglomerates and volcanic breccias (containing mainly intermediate volcanic clasts)
- 3d — polylithic intrusive and volcanic breccias

INTRUSIVE ROCKS

LOWER JURASSIC (SINEMURIAN)

- 4 — fine grained syenite, monzonite and diorite
- 5 — feldspar porphyry (monzonite?) and aplite cut by abundant mafic dykes
- 6 — hornblende needle porphyry

SYMBOLS

- FAULT
- BEDDING (with dip)
- SHEAR
- FOLIATION
- GEOLOGICAL CONTACT
- COPPER OCCURENCE
- DRILL HOLE (showing surface trace and depth)
- 4000 N — GRID LINES
- SAMPLE LOCATION (with sample number)
- 1991 IP LINES
- ALTERATION ZONES
- PROPERTY BOUNDARY

GEOLOGICAL BRANCH
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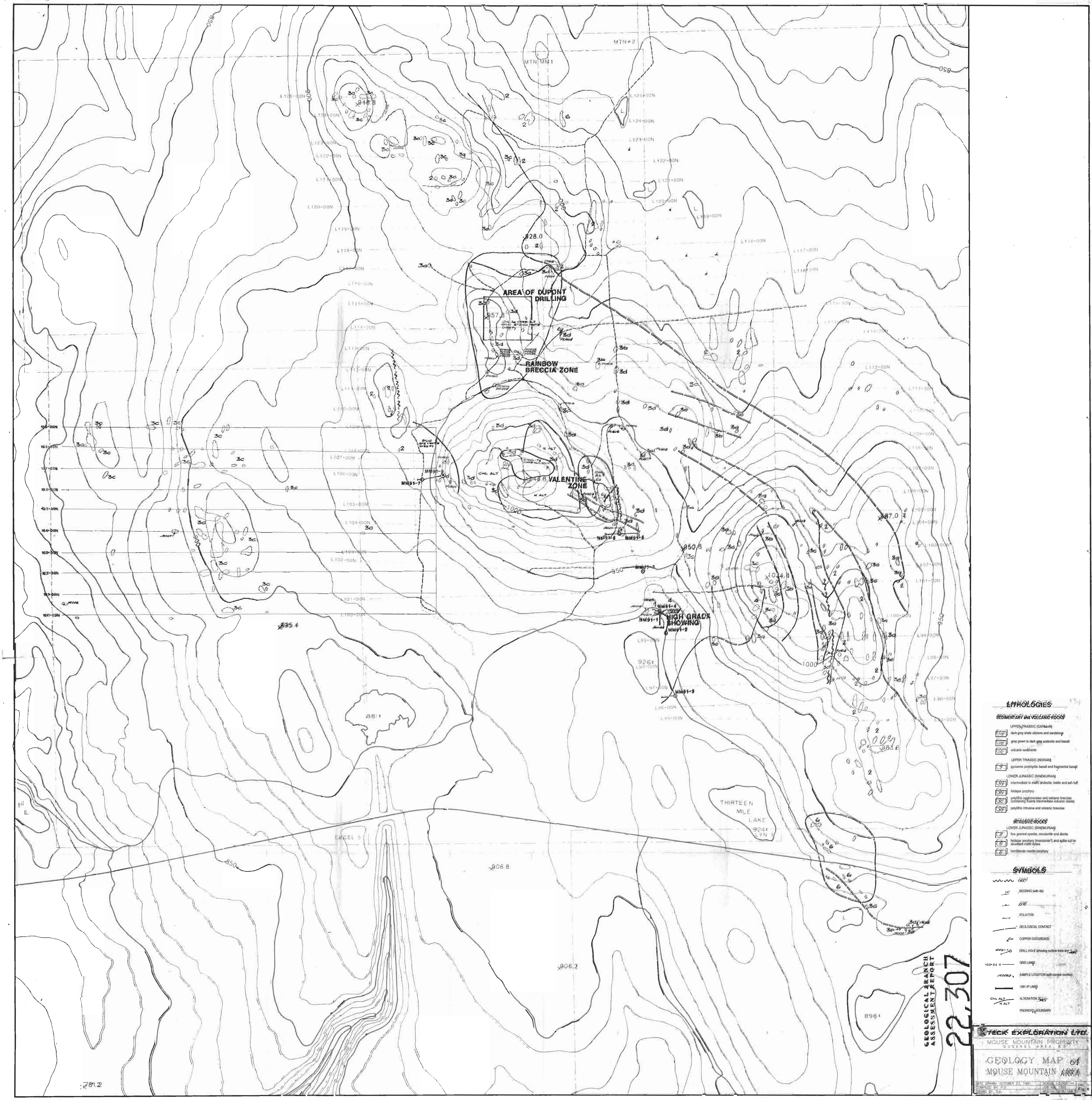
TECK EXPLORATION LTD.

MOUSE MOUNTAIN PROPERTY
QUESNEL AREA, B.C.

PROPERTY GEOLOGY

0 250 500 750 1000 metres

DATE: NOVEMBER, 1991 | SCALE: 1:10,000 | CONTOUR INTERVAL: 50' | DWG No: FIG 5



AREA OF DUPONT DRILLING
RAINBOW BRECCIA ZONE
VALENTINE ZONE
HIGH GRADE SHOWING
THIRTEEN MILE LAKE
MTN #2
MTN MM1
EXCEL 5
LYN 1
MM91-1
MM91-2
MM91-3
MM91-4
MM91-5
MM91-6
MM91-7
CHL ALT
K ALT
LITHOLOGIES
SEDIMENTARY and VOLCANIC ROCKS
UPPER TRIASSIC (CARNIAN)
1a dark grey shale siltstone and sandstone
1b grey green to dark grey andesite and basalt
1c volcanic sediments
UPPER TRIASSIC (NORIAN)
2 pyroxene porphyritic basalt and fragmental basalt
LOWER JURASSIC (SINEMURIAN)
3a intermediate to mafic andesite, bettle and ash tuff
3b feldspar porphyry
3c polylithic agglomerates and volcanic breccias (containing mainly intermediate volcanic clasts)
3d polylithic intrusive and volcanic breccias
INTRUSIVE ROCKS
LOWER JURASSIC (SINEMURIAN)
4 fine grained syenite, monzonite and diorite
5 feldspar porphyry (monzonite?) and aplite cut by abundant mafic dykes
6 hornblende needle porphyry
SYMBOLS
FAULT
BEDDING (with dip)
JOINT
FOLIATION
GEOLOGICAL CONTACT
COPPER OCCURENCE
DRILL HOLE (showing surface trace and dip)
GRID LINES
SAMPLE LOCATION (with sample number)
1991 IP LINES
ALTERATION ZONES
PROPERTY BOUNDARY
GEOLOGICAL BRANCH ASSESSMENT REPORT
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TECK EXPLORATION LTD.
MOUSE MOUNTAIN PROPERTY
QUESNEL AREA, B.C.
GEOLOGY MAP of MOUSE MOUNTAIN AREA
DATE DRAWN: OCTOBER 23, 1991
SCALE 1:5,000
Fig. 6

MTN#2

MTN MM1

L125+00N

L124+00N

L123+00N

L122+00N

L121+00N

L120+00N

L119+00N

L118+00N

L117+00N

L116+00N

L115+00N

L114+00N

L113+00N

L112+00N

L111+00N

L110+00N

L109+00N

L108+00N

L107+00N

L106+00N

L105+00N

L104+00N

L103+00N

L102+00N

L101+00N

L100+00N

L99+00N

L98+00N

L97+00N

L96+00N

L95+00N

850

900

1000

950

928.0

957.8

948.8

1044.8

895.4

881±

926±

887.0

950.8

1034.8

883.6

906.8

906.2

898±

781.2

THIRTEEN MILE LAKE

924±

EXCEL 5

L

LEGEND

OUTCROPS

100+00 N —— GRID LINES

RESULTS FROM 1989 SURVEYS

Cu SOIL GEOCHEMISTRY ANOMALY >125 ppm Cu

GROUND MAGNETIC LOW

GROUND MAGNETIC HIGH

CHARGEABILITY HIGH

GEOLOGICAL BRANCH ASSESSMENT REPORT

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TECK EXPLORATION LTD.

MOUSE MOUNTAIN PROPERTY
PT. DUNDAS AREA, B.C.

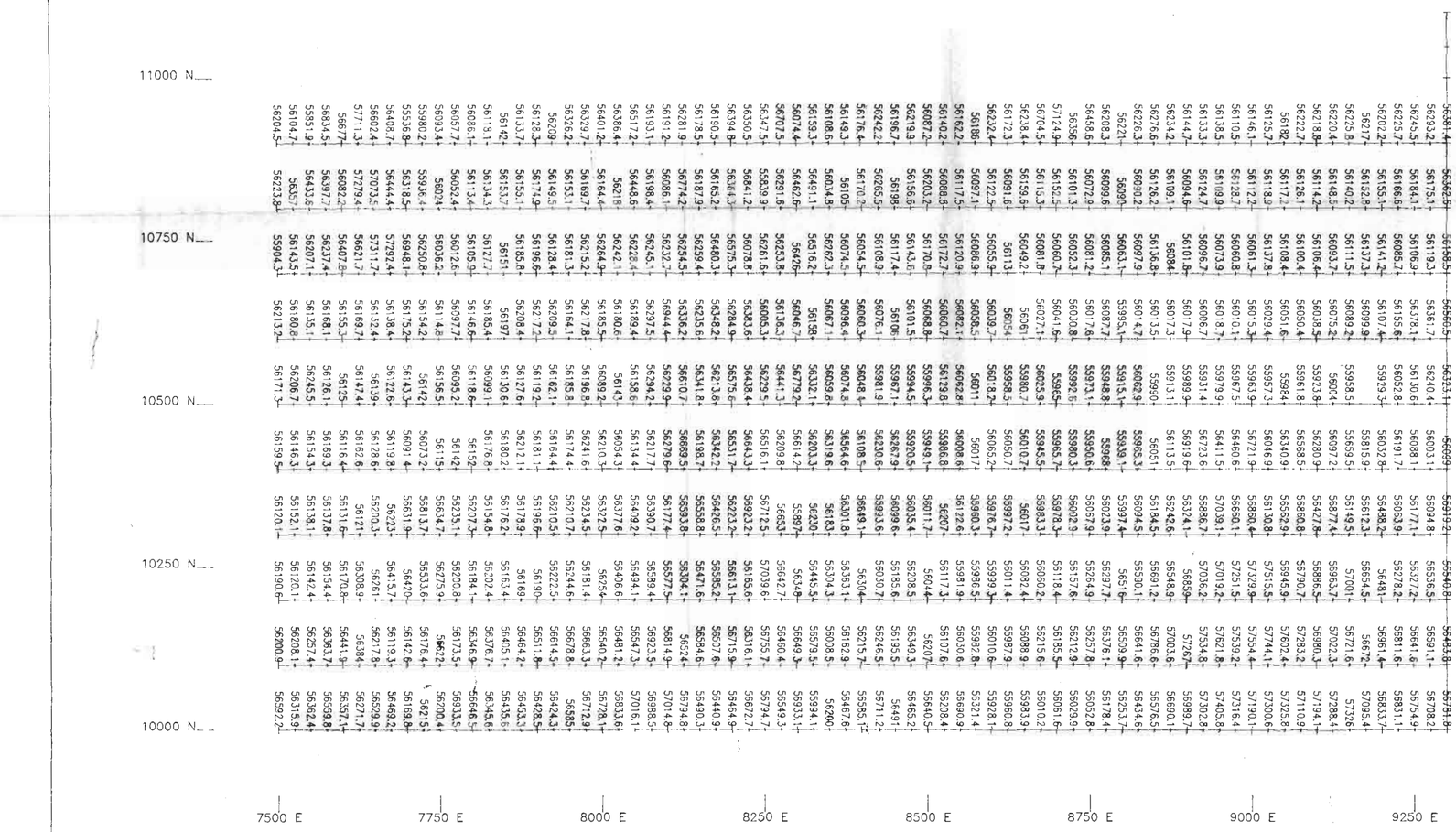
COMPILATION OF 1989 RESULTS

DRAWN: OCTOBER 23, 1991

APPROVED BY: R.D.

SCALE: 1:5,000

FIG. 5



GEOLOGICAL BRANCH
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Scale 1:5000

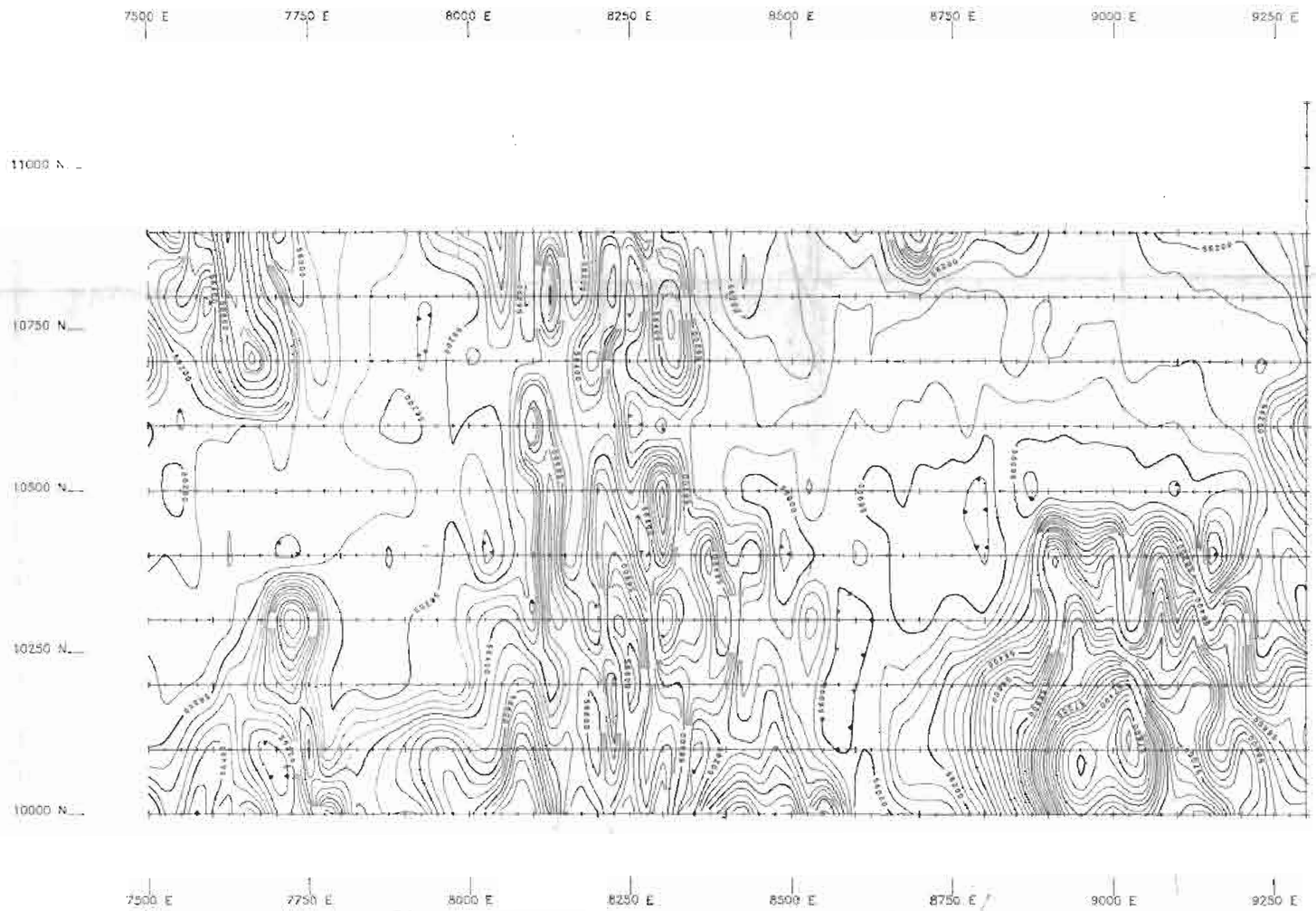
100 0 100 200 300
(metres)

TECK EXPLORATION LTD. Fig. 9

MAGNETOMETER SURVEY
MOUSE MOUNTAIN PROPERTY

NORTH GRID | NTS:93G/1W 93B/16W AUGUST 1991 Cariboo Mining Division | Magnetometer Results

Instrument: Scintrex/IGS-2 MP-3 magnetometer



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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N

Scale 1:5000

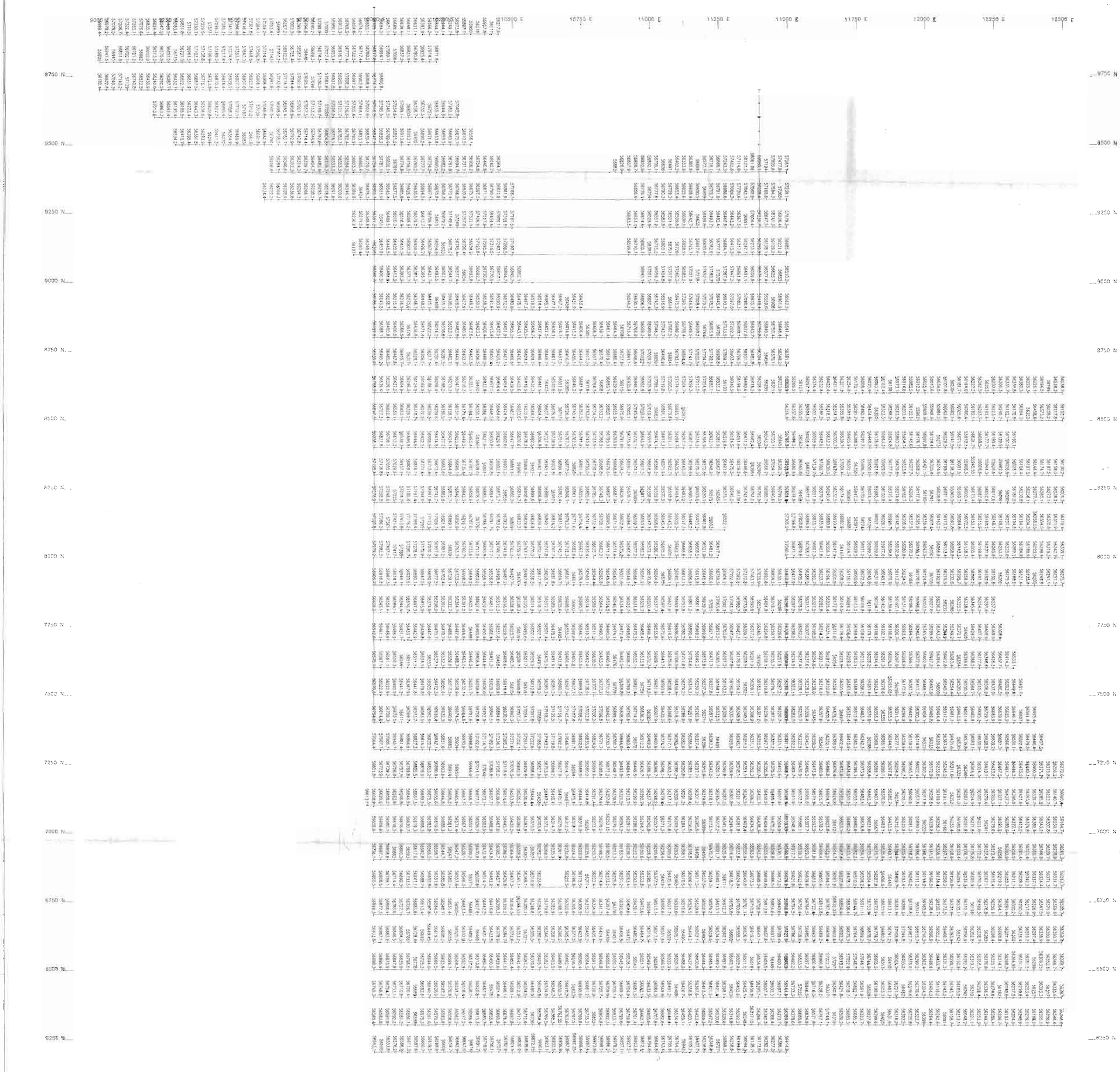
(metres)

TECK EXPLORATION LTD. Fig. 10

MAGNETOMETER SURVEY
MOUSE MOUNTAIN PROPERTY

NORTH GRID | NTS:93G/1W 93B/16W AUGUST 1991 Cariboo Mining Division | Magnetometer Contours

Instrument: Scintrex/IGS-2 MP-3 magnetometer



GEOLOGICAL BRANCH
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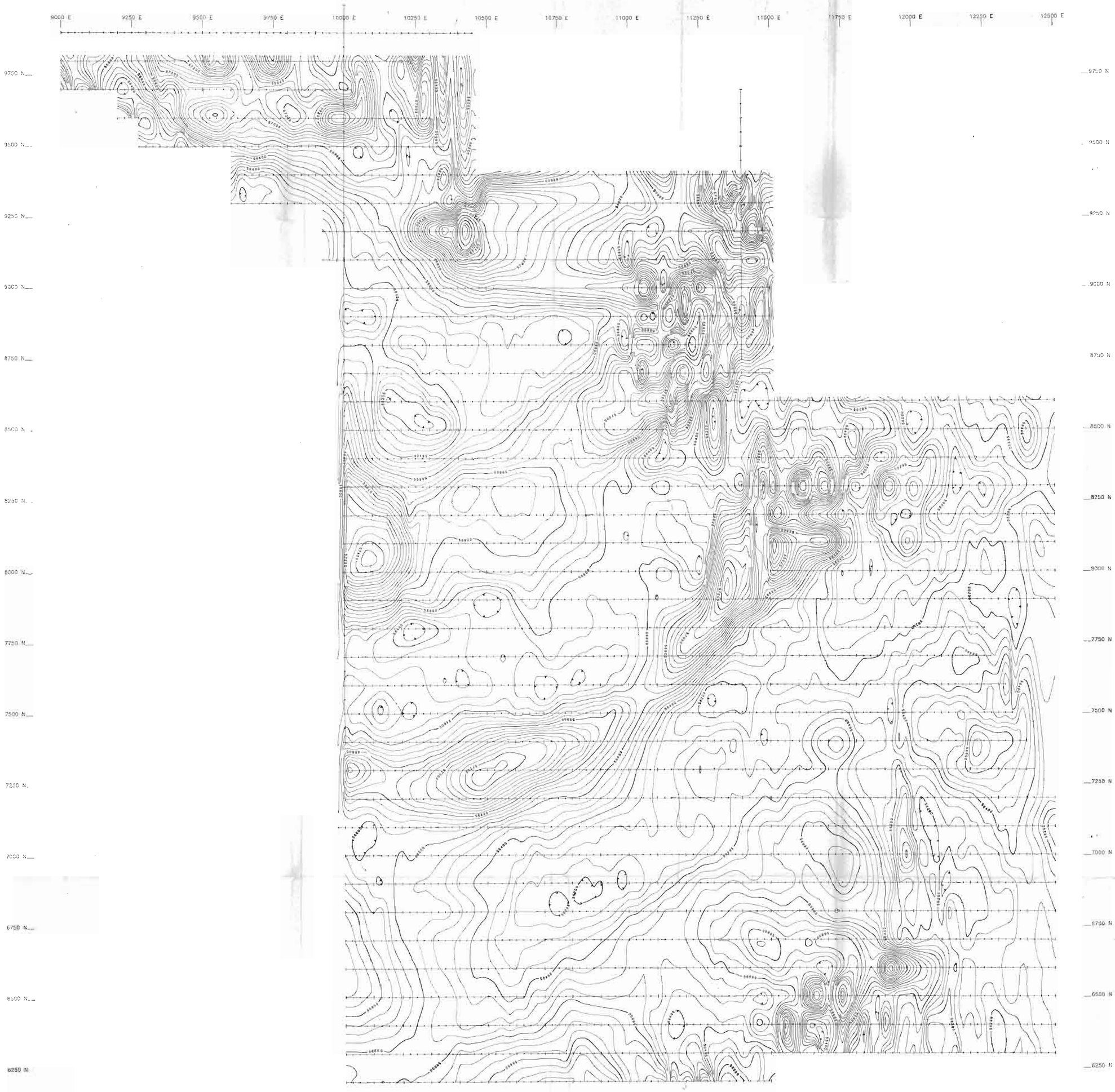
Scale 1:5000
(metres)

TECK EXPLORATION LTD. Fig. 11

MAGNETOMETER SURVEY
MOUSE MOUNTAIN PROPERTY

SOUTH GRID | NTS:93G/1W 93B/16W | AUGUST 1991 | Cariboo Mining Division | Magnetometer Results

INSTRUMENT: Scintrex /IGS-2 MP-3 Magnetometer



GEOLOGICAL BRANCH
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Scale 1:5000

TECK EXPLORATION LTD.	Fig. 12
MAGNETOMETER SURVEY MOUSE MOUNTAIN PROPERTY	
SOUTH GRID	NTS:93G/1W 93B/16W AUGUST 1991 Cariboo Mining Division
Magnetometer Contours	

INSTRUMENT: Scintrex /ICS-2 MP-3 Magnetometer

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7500 E | 7750 E | 8000 E | 8250 E | 8500 E | 8750 E | 9000 E | 9250 E | 9500 E

6000 N | 5750 N | 5500 N | 5250 N | 5000 N

Scale 1:5000

100 0 100 200 300 (metres)

TECK EXPLORATION LTD.	Fig.13
MAGNETOMETER SURVEY MOUSE MOUNTAIN PROPERTY	
Beaver Grid	NTS 93G/1W 93B/16W AUGUST 1991 Cariboo Mining Division
Magnetometer Results	
Instrument: Scintrex/IGS-2 MP-3 magnetometer	

7500 E 7750 E 8000 E 8250 E 8500 E 8750 E 9000 E 9250 E 9500 E

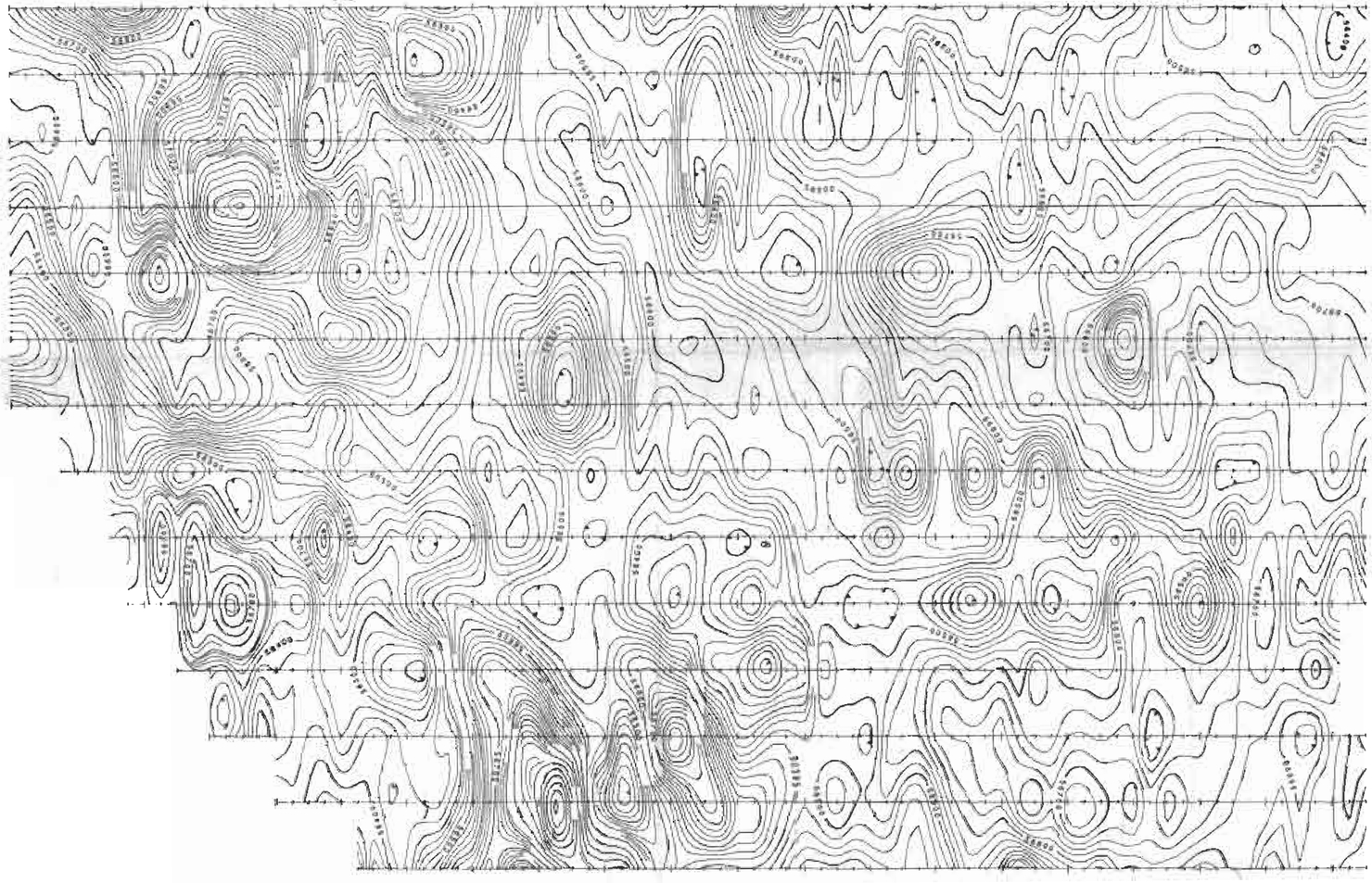
6000 N

5750 N

5500 N

5250 N

5000 N



GEOLOGICAL BRANCH
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N

Scale 1:5000

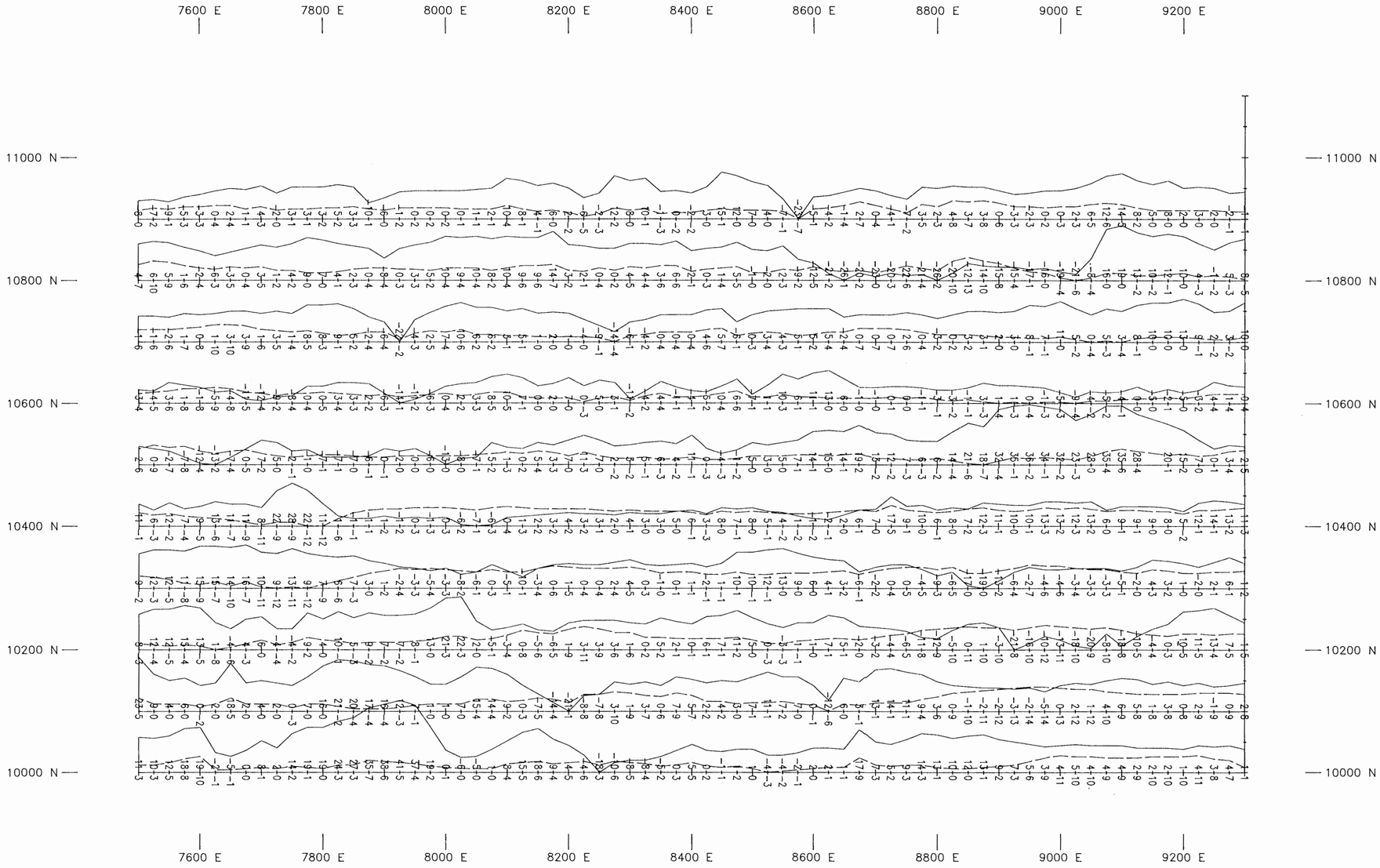
100 0 100 200 300
(metres)

TECK EXPLORATION LTD. Fig. 14

MAGNETOMETER SURVEY
MOUSE MOUNTAIN PROPERTY

Beaver Grid | NTS:93G/1W 93B/16W AUGUST 1991 Cariboo Mining Division | Magnetometer Contours

Instrument: Scintrex/IGS-2 MP-3 magnetometer



GEOLOGICAL BRANCH
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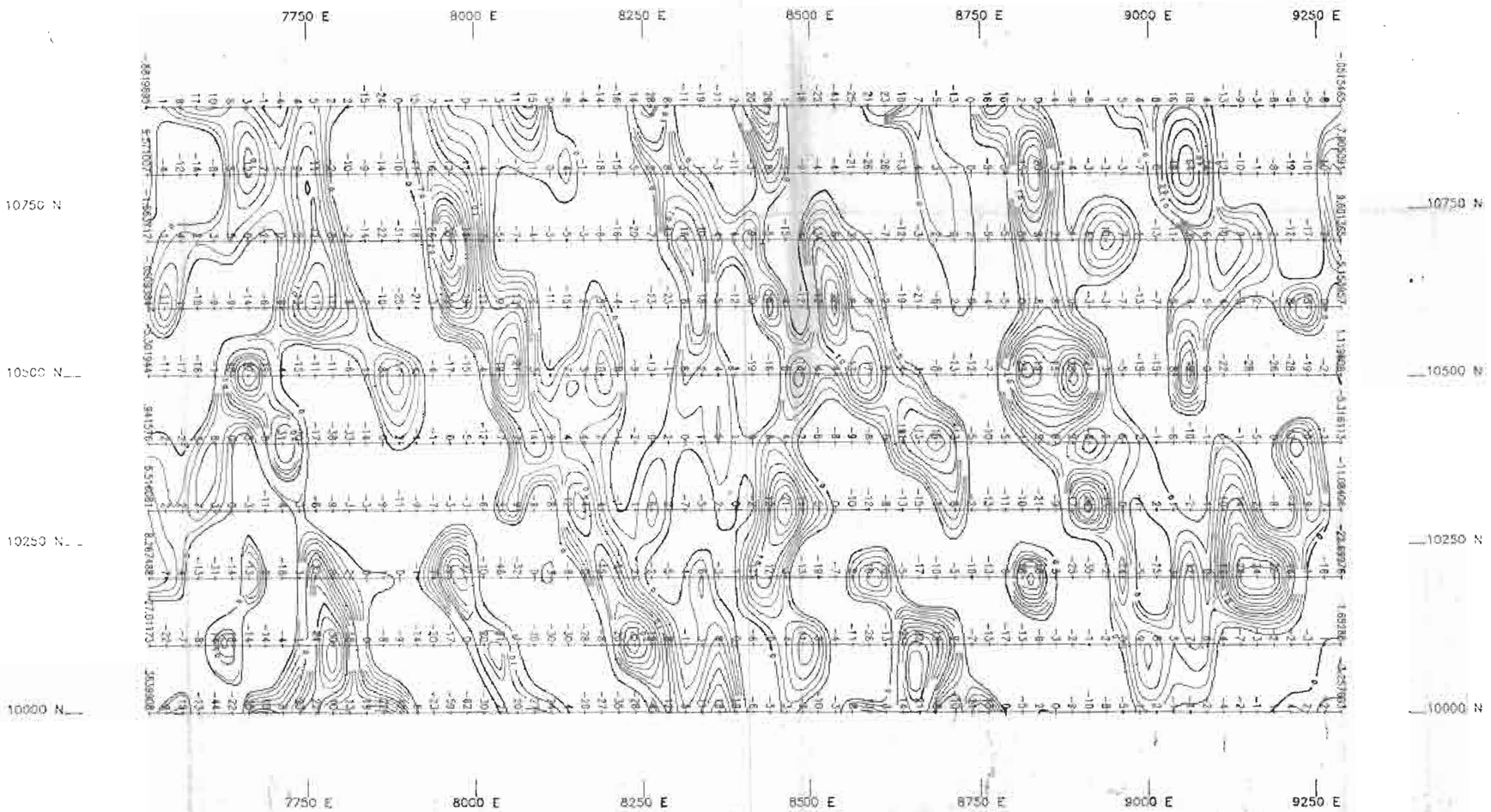
N

Scale 1:5000

100 0 100 200 300
(metres)

NORTH GRID

TECK EXPLORATION LTD.	Fig. 15
VLF–EM SURVEY MOUSE MOUNTAIN PROPERTY	
In–phase (above grid line):Quadrature (below grid line) In–phase (solid line): Quadrature (dashed line) Freguency 21.4	
AUGUST 1991 *NTS:93G/1W 93B/16W*	



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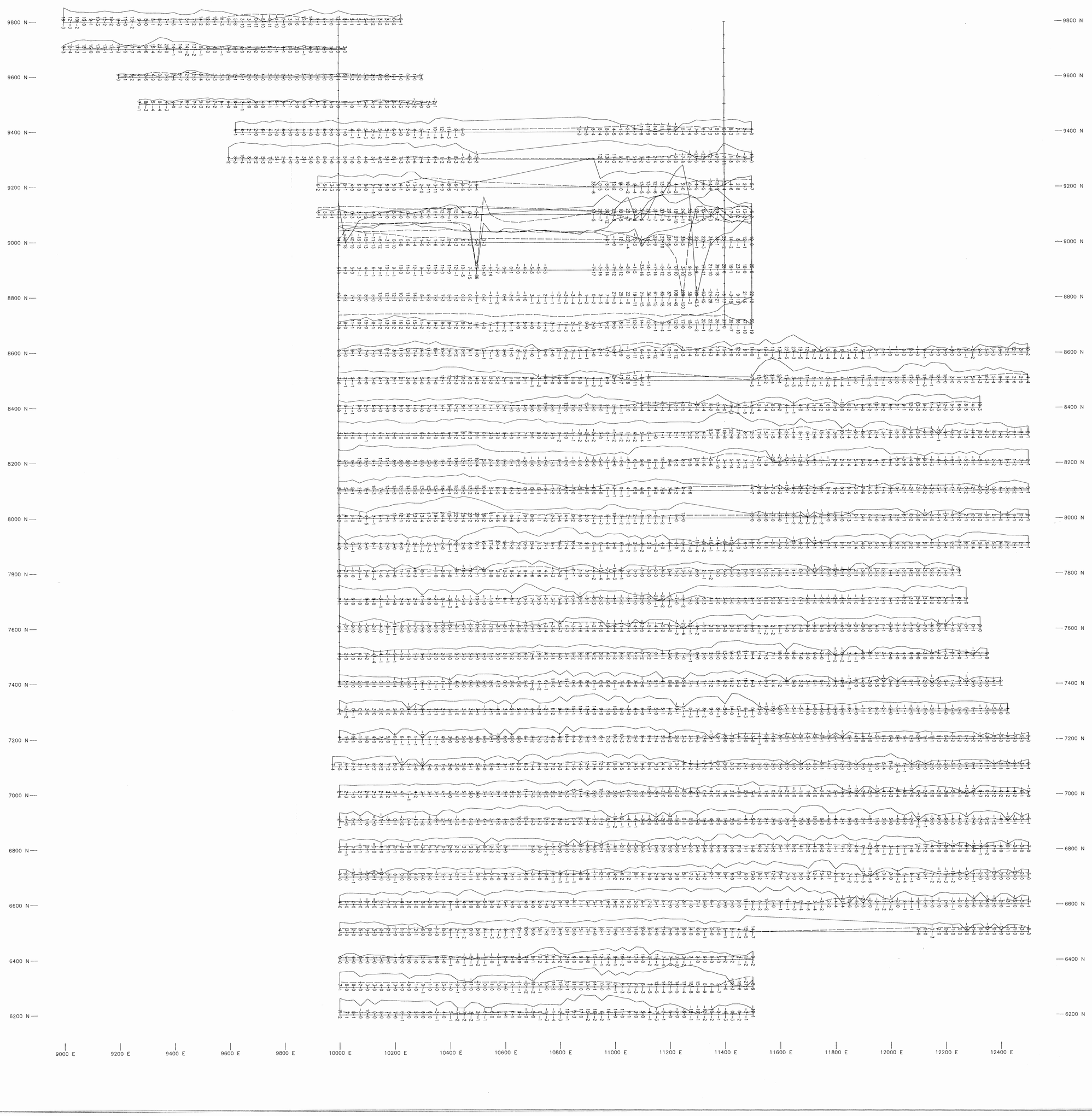
N

Scale 1:5000

100 0 100 200 300
(metres)

TECK EXPLORATION LTD.		Fig. 16
VLF-EM SURVEY (FRASER FILTER) MOUSE MOUNTAIN PROPERTY		
NORTH GRID	NTS 93G/1W 93B/16W AUGUST 1991 Frequency: 21.4	VLF-EM Fraser Filter Contours
Contoured in-phase fraser filter		



GEOLOGICAL BRANCH
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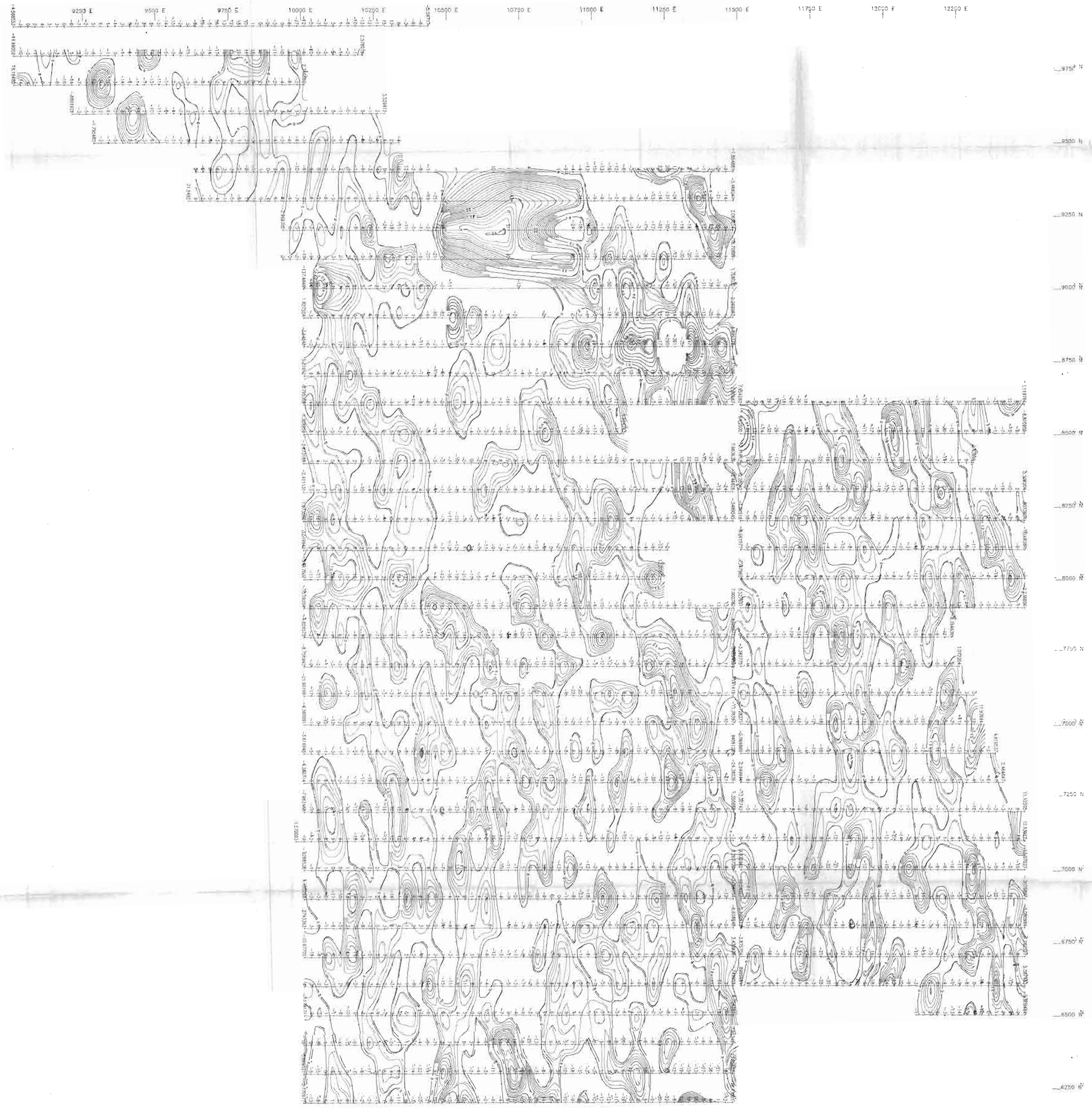
N

Scale 1:5000

100 0 100 200 300 400
(metres)

SOUTH GRID

TECK EXPLORATION LTD.	Fig. 17
VLF-EM SURVEY MOUSE MOUNTAIN PROPERTY	
In-phase (above grid line):Quadrature (below grid line) In-phase (solid line): Quadrature (dashed line) Freguency 21.4	
AUGUST 1991	*NTS:93G/1W 93B/16W*



GEOLOGICAL BRANCH
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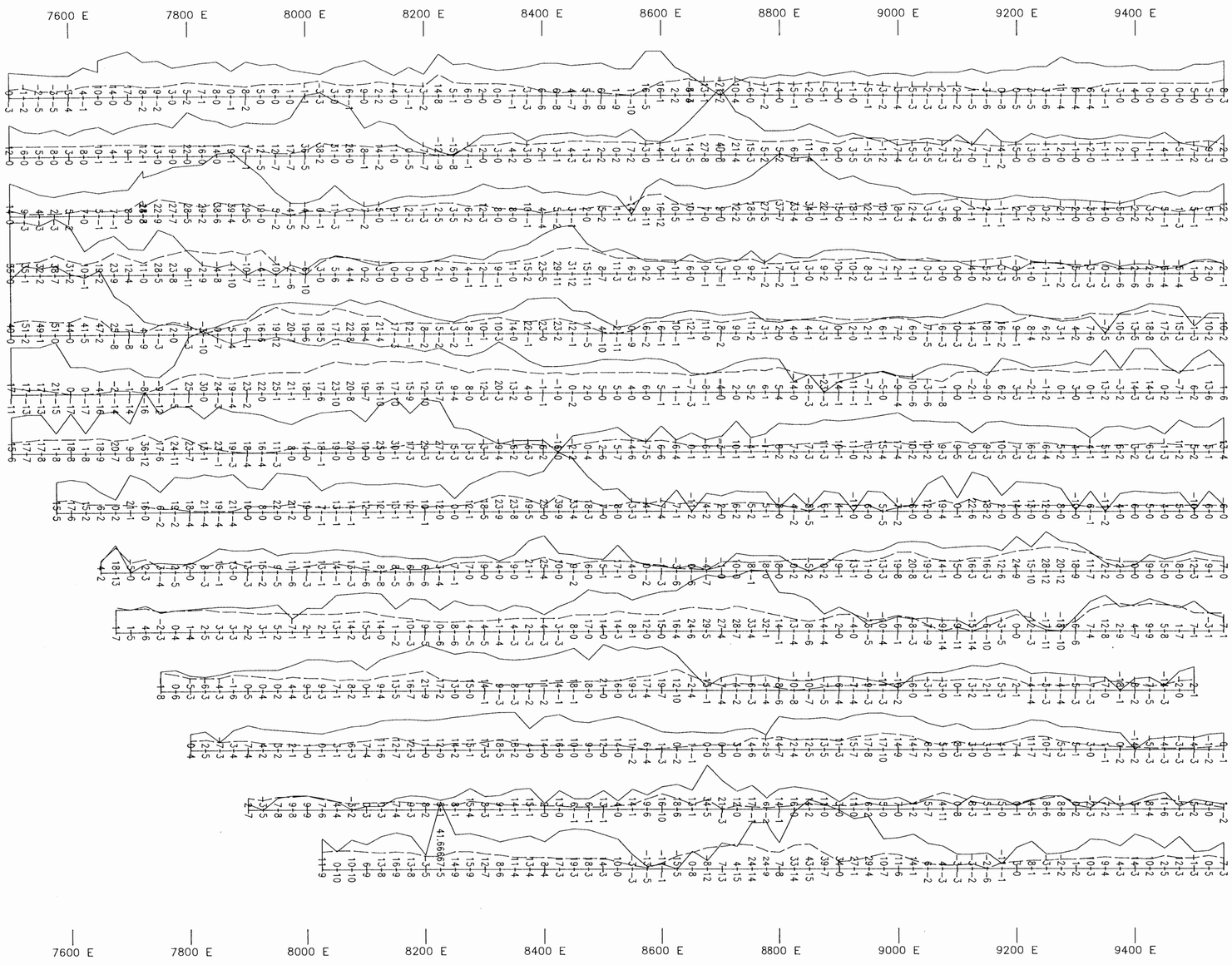
SCALE 1:5000

TECK EXPLORATION LTD. | FIG 19

VLF-EM SURVEY (FRASER FILTER)
MOUSE MOUNTAIN PROPERTY

SOUTH GRID | NTS:93G/1W, 93/16W | AUGUST 1991 | Frequency 21.4 | VLF-EM Fraser Filter Contours

Contoured in phase Fraser filter



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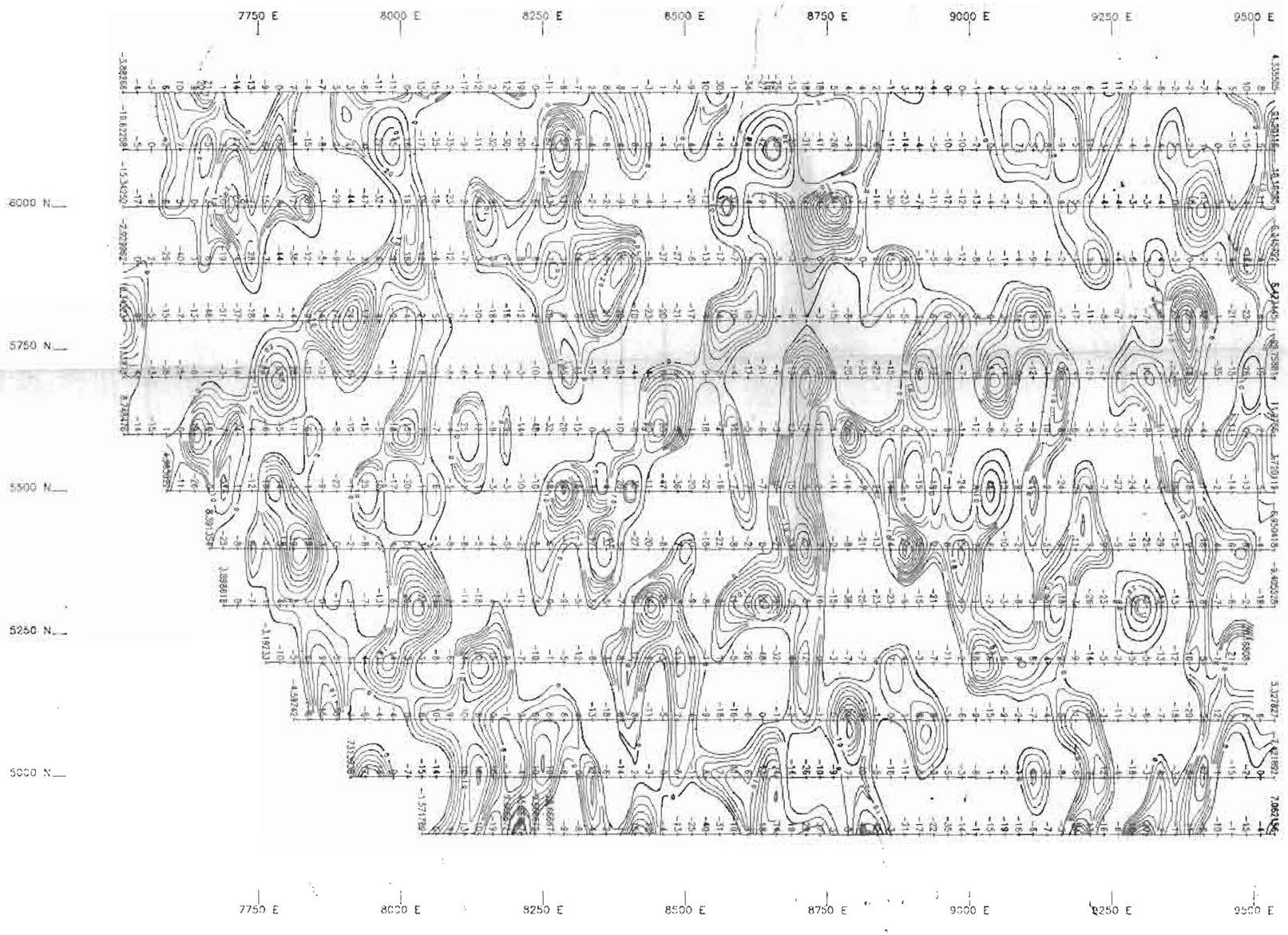
Scale 1:5000

100 0 100 200 300
(metres)

BEAVER GRID

TECK EXPLORATION LTD.	Fig. 19
VLF-EM SURVEY MOUSE MOUNTAIN PROPERTY	
In-phase (above grid line):Quadrature (below grid line) In-phase (solid line): Quadrature (dashed line) Freguency 21.4	
AUGUST 1991	*NTS:93G/1W 93B/16W*



GEOLOGICAL BRANCH
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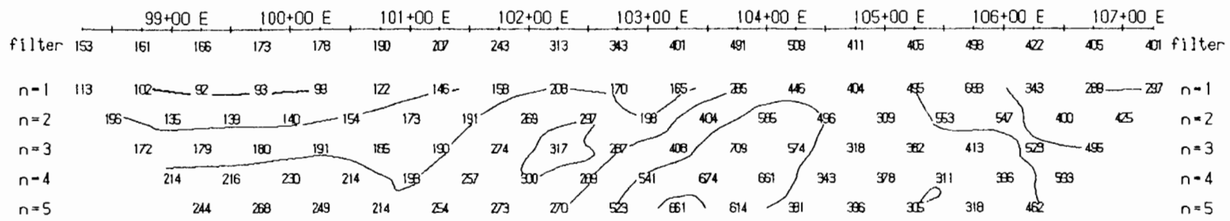
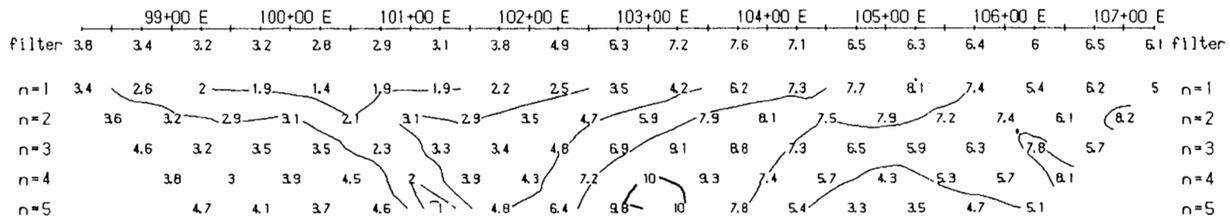
Scale 1:5000

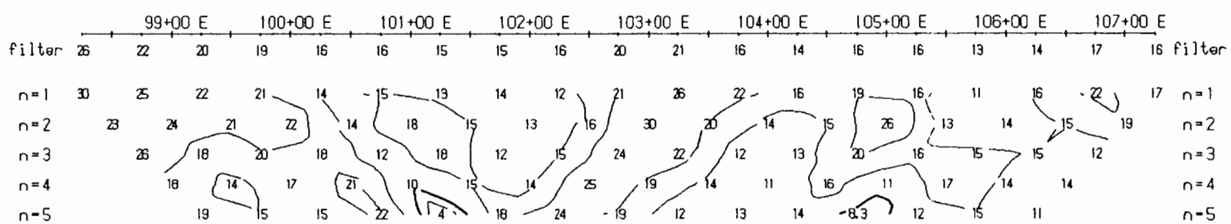
TECK EXPLORATION LTD.		Fig. 20
VLF-EM SURVEY (FRASER FILTER) MOUSE MOUNTAIN PROPERTY		
Beaver Grid	NTS:93G/1W 93B/16W AUGUST 1991 Frequency: 21.4	VLF-EM Fraser Filter Contours
Contoured in-phase fraser filter		



RESISTIVITY
(ohm-m)



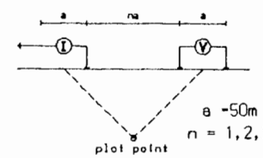
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 9600 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EOA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

TECK EXPLORATION LTD

INDUCED POLARIZATION SURVEY

Line 9600 N
MOUSE MOUNTAIN

Date: September 1991
Interpretation by:
Scale 1:5000

Fig. 21

Pacific Geophysical

GEOLOGICAL BRANCH
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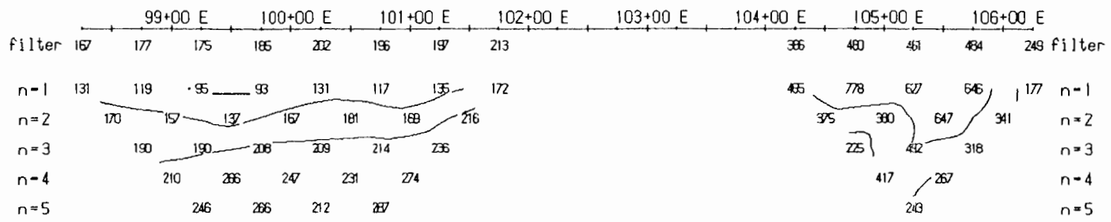
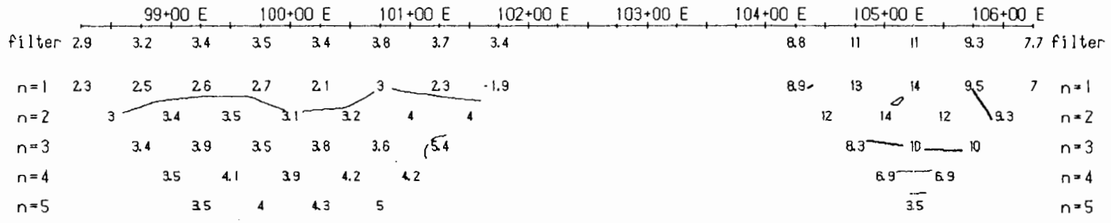
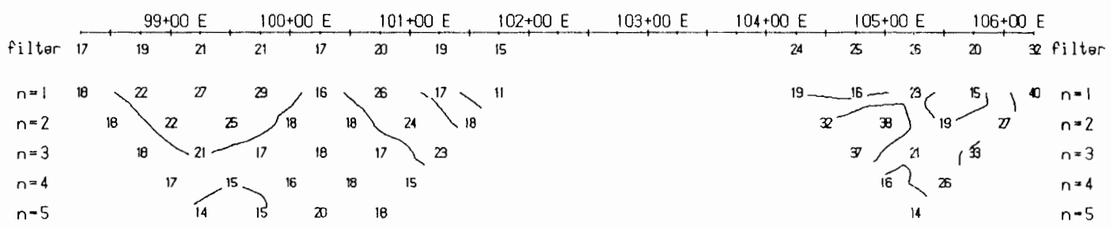


RESISTIVITY
(ohm_m)



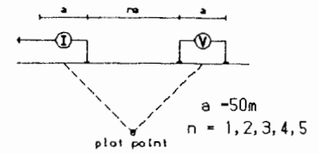
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 9700 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

TECK EXPLORATION LTD

INDUCED POLARIZATION SURVEY

Line 9700 N
MOUSE MOUNTAIN

Date: September 1991
Interpretation by:
Scale 1:5000

Fig. 22

Pacific Geophysical

GEOLOGICAL BRANCH
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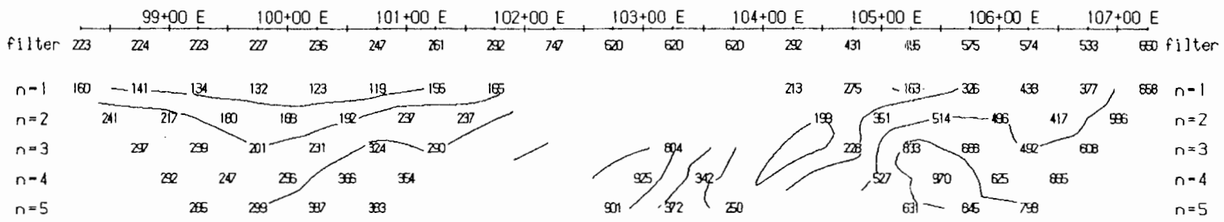
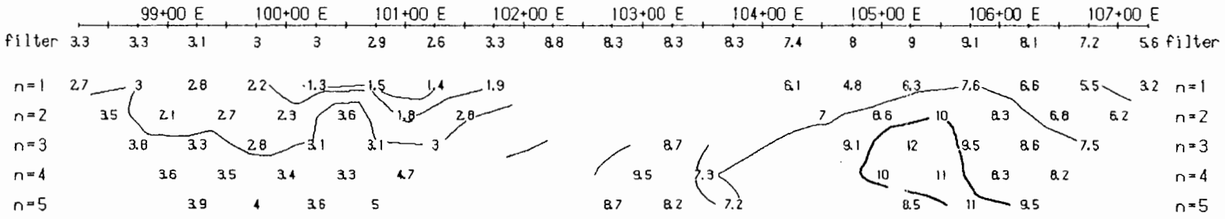
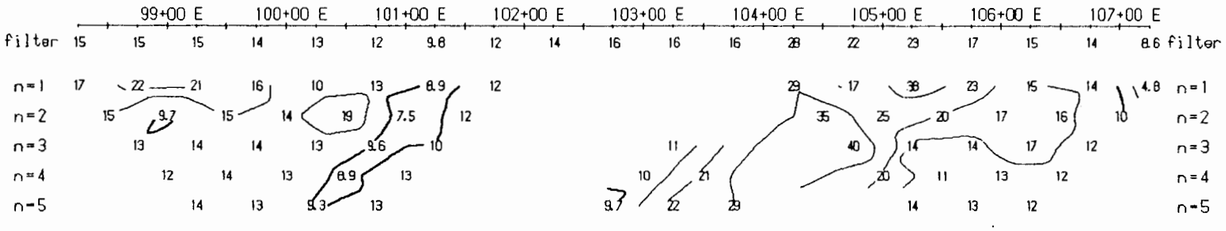


RESISTIVITY
(ohm_m)



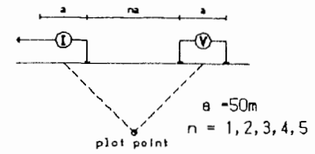
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 9800 N

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4, 5

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

TECK EXPLORATION LTD

INDUCED POLARIZATION SURVEY

Line 9800 N
MOUSE MOUNTAIN

Date: September 1991
Interpretation by:
Scale 1:5000

Fig. 23

Pacific Geophysical

GEOLOGICAL BRANCH
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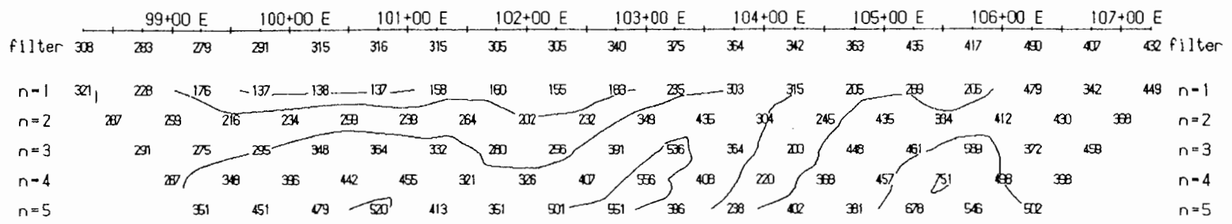
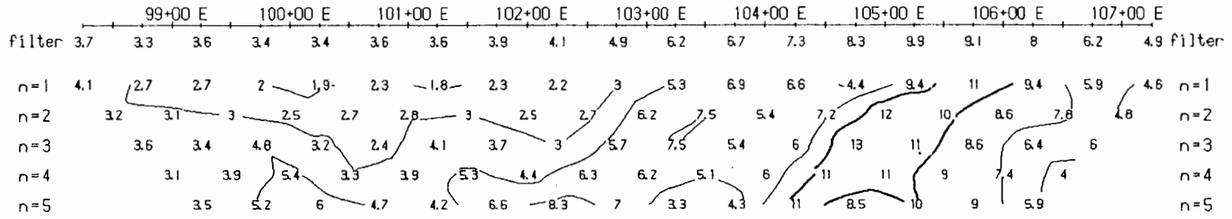
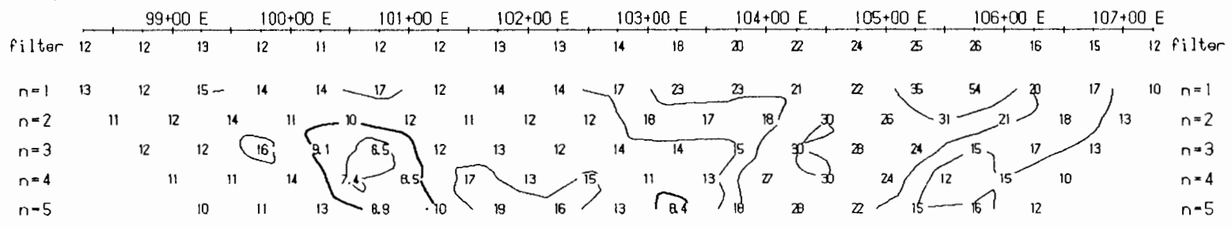


RESISTIVITY
(ohm_m)



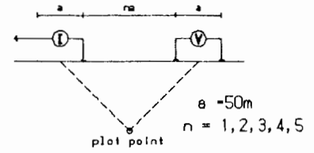
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 9900 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

TECK EXPLORATION LTD

INDUCED POLARIZATION SURVEY

Line 9900 N
MOUSE MOUNTAIN

Date: September 1991
Interpretation by:
Scale 1:5000

Fig. 24

Pacific Geophysical

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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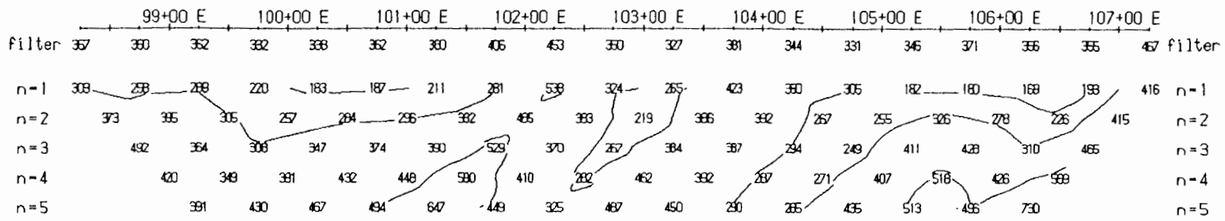
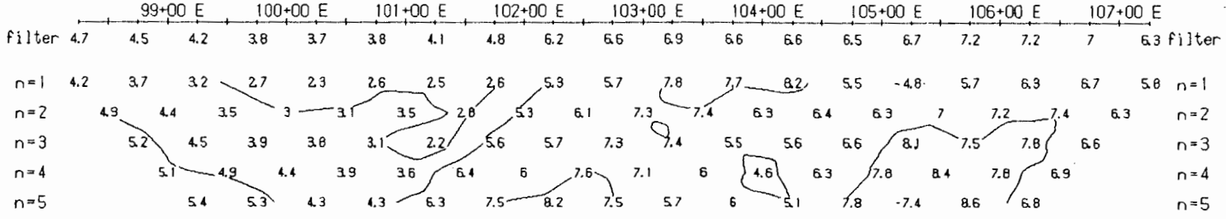
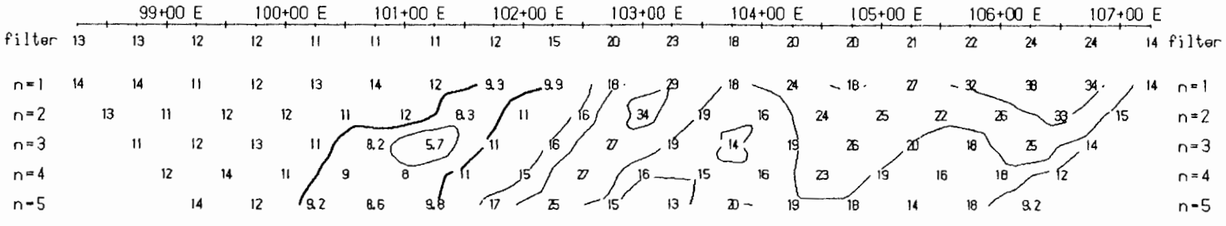


RESISTIVITY
(ohm_m)



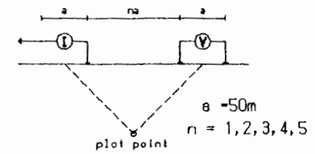
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res • 1000)

Line 10000 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

TECK EXPLORATION LTD

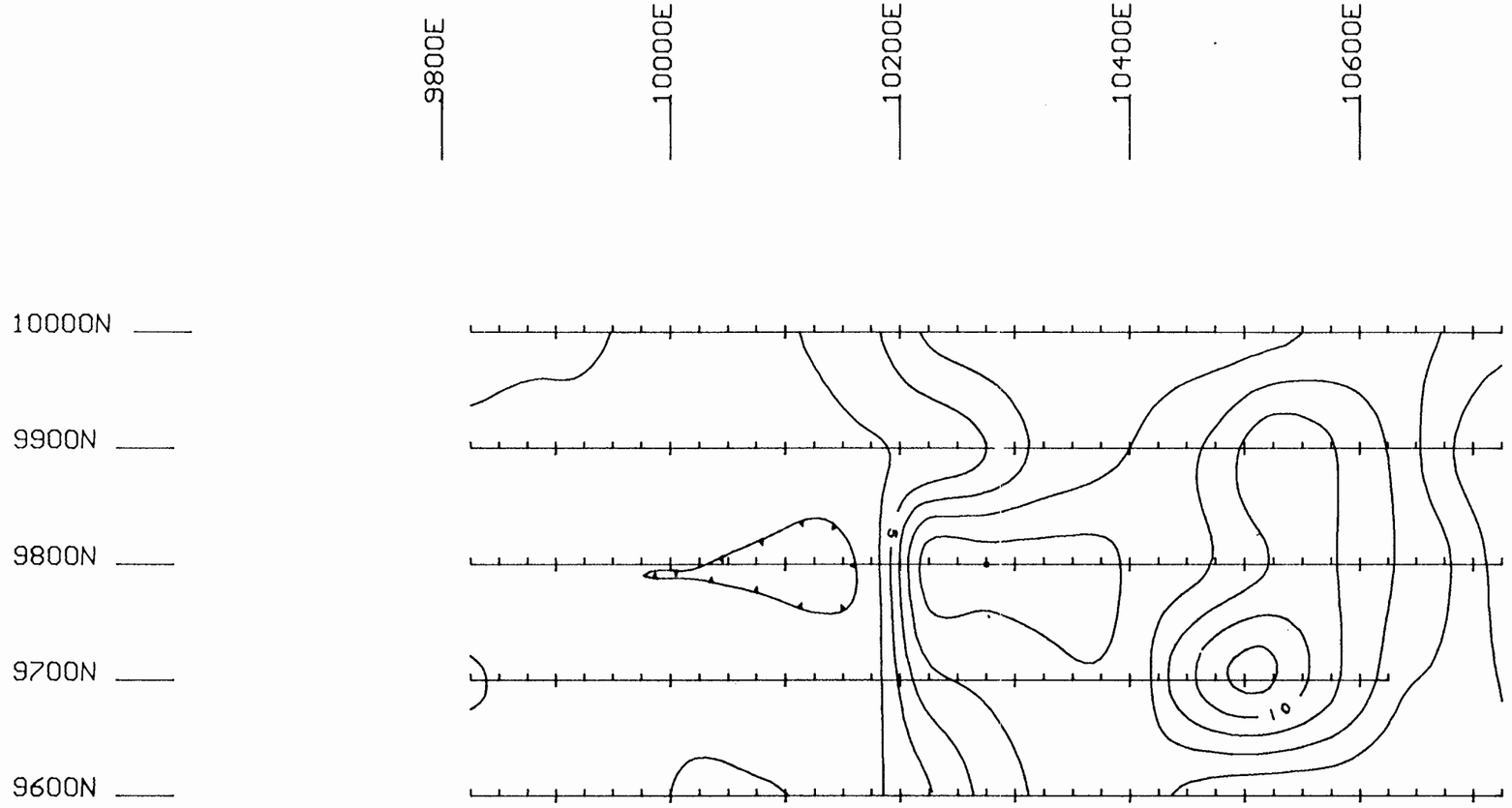
INDUCED POLARIZATION SURVEY

Line 10000 N
MOUSE MOUNTAIN

Date: September 1991
Interpretation by:
Scale 1:5000

Fig. 25

Pacific Geophysical



Instrument : EDA IP6 (mode2)

Array : Pole - Dipole
: n = 1 to 5, a = 50 m

Contour Interval : 1 msec

15 Point Filter

MOUSE MOUNTAIN

INDUCED POLARIZATION

TECK EXPLORATION LIMITED

BASELINE AZIMUTH : 0 Deg.

SCALE = 1 : 5000 DATE : Sept. 91

SURVEY BY : JLJ NTS :

FILE: Mouseip Fig. 26

Pacific Geophysical Ltd.

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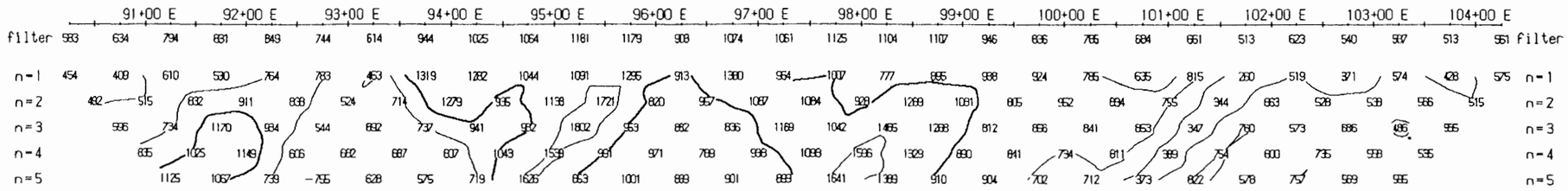
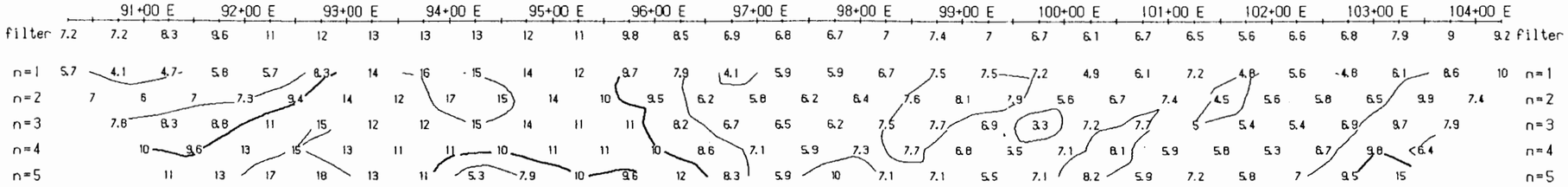
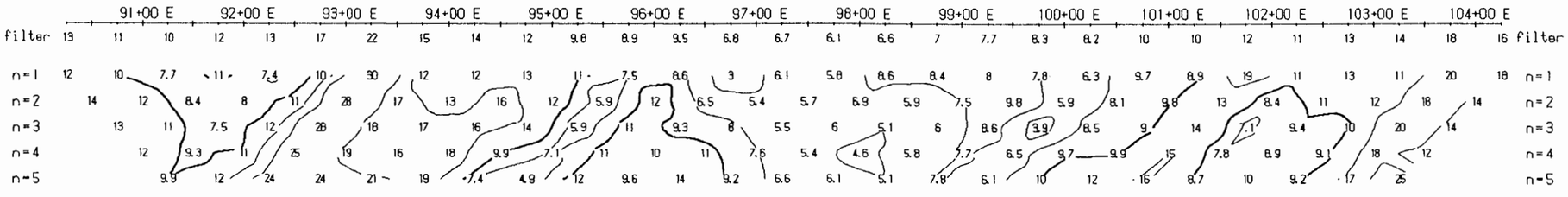
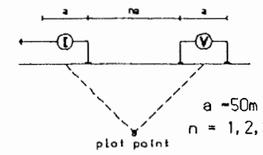
Line 10600 N







Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

TECK EXPLORATION LTD

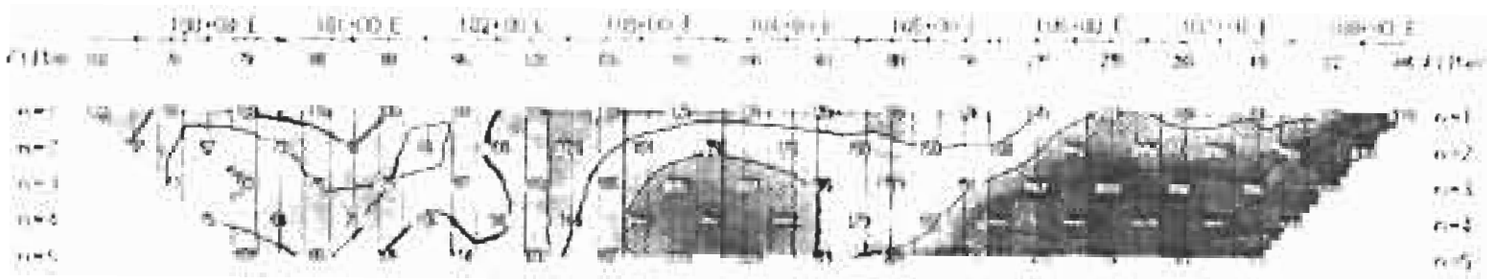
INDUCED POLARIZATION SURVEY

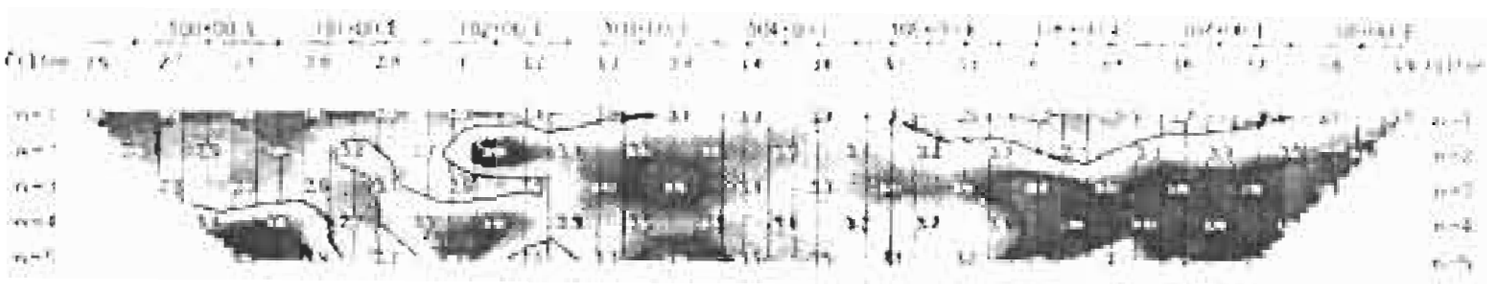
Line 10600 N
MOUSE MOUNTAIN

Date: September 1991
Interpretation by:
Scale 1:5000

Fig. 27

Pacific Geophysical





Line 5400 N

TECK EXPLORATION LTD

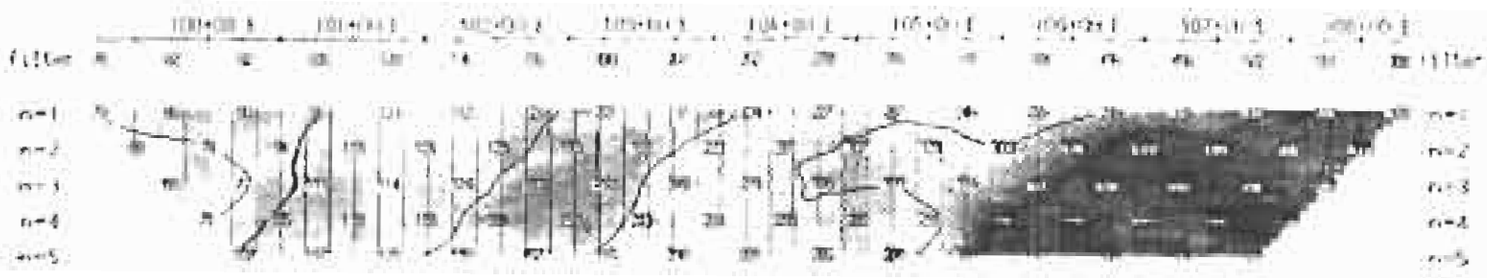
INDUCED POLARIZATION SURVEY

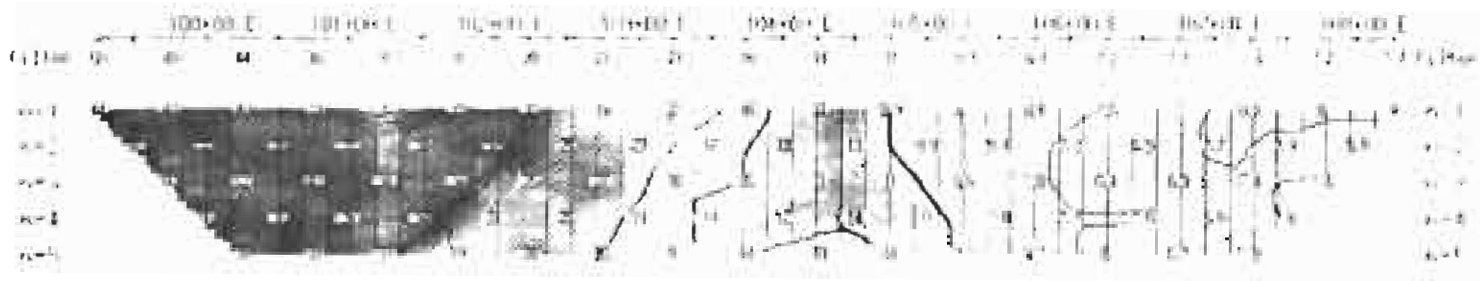
Line 5400 N

MOUSE MOUNTAIN

Fig. 28

Pacific Geophysical





Line 5600 N

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INDUCED POLARIZATION SURVEY

Line 5600 N

MOUSE MOUNTAIN

Fig 20

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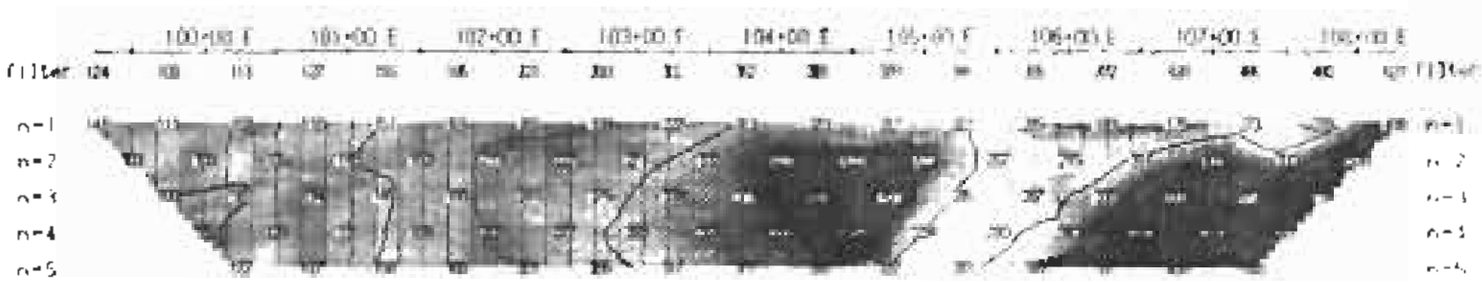

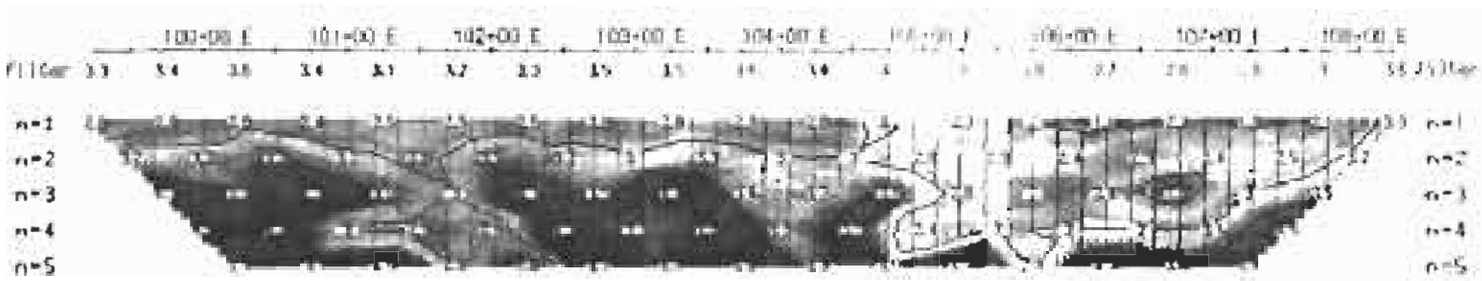

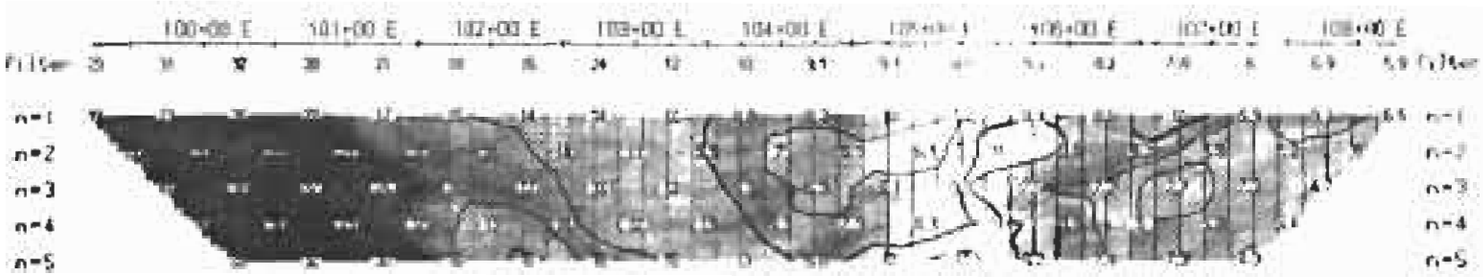

METAL FACTOR

Line 5800 N

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TECK EXPLORATION LTD

INDUCED POLARIZATION SURVEY

Line 5800 N
MOUSE MOUNTAIN

Fig. 30

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