LOG NO: 12-14 RD.
ACTION:

FILE NO:

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL
AND
DIAMOND DRILLING
ASSESSMENT REPORT
ON THE
FORD PROPERTY

Kamloops Mining Division
NTS 82M/4E, 82L/13E
Latitude 51°02'N Longitude 119°37'W

OWNER: Teck Corporation
1199 West Hasting Street,
Vancouver, B.C.
V6E 2K5

S. Jensen
R. Farmer

December 1990
Kamloops, B.C.

SUMMARY

During 1990 an integrated program consisting of reconnaissance and grid controlled geological mapping, soil sampling, limited geophysics, relogging of old drill core and diamond drilling was completed. The program was carried out between June 5th and September 1st, 1990.

Geological mapping on the Ford 4 grid extended the favourable intermediate volcanic-dacite contact through the grid area, with the exception of the central part of the grid where the section is cut off by foliated granodiorite. Mapping also indicated a thrust fault in the southwest grid area. Reworked fragmental volcanics grading into conglomerates and quartzose wacke's comprise the western, upper thrust sheet. Intermediate to felsic volcanics and granodiorite comprise the lower thrust sheet and the favourable stratigraphy. Exposed mineralization in the grid area is related to the hornfelsic contact adjacent to the granodiorite and to sericitic and siliceous shear zones.

On the Adam-C grid geological mapping confirmed the presence of a belt of felsic volcanics bounded on both sides by intermediate volcanics. Prospecting along the southern contact identified a siliceous sericitic zone with heavily disseminated pyrite and chalcopyrite near the contact.

Soil sampling identified weak copper and zinc anomalies associated with IP anomalies along the intermediate - felsic volcanic contact. A soil test over the northern contact of the felsic volcanics on line 18E identified a single station copper-zinc anomaly. Prospecting in the area, which has good outcrop exposure did not locate any sulphide mineralization. A soil test over an IP anomaly near the road on line 16E did not identify any significant anomalies.

Since the mineralization discovered along the south contact was outside the area of grid and IP coverage two grid lines were added. The new lines were surveyed with induced polarization as were the two preceding previously surveyed lines to preserve continuity between surveys. The IP anomaly was confirmed and extended across the new lines.

Reconnaissance mapping in the Woolford Creek area and in the northwest and southeast corners of the property failed to identify any areas requiring follow-up.

Seven previously drilled holes were relogged to gain a better understanding of the geology and related mineralization, particularly in the outcrop poor Ford 4 area.

Four diamond drill holes were drilled for a total of 860.45 metres. Two holes were drilled on the Ford 4 grid and two on the Adam-C grid.

In the Ford 4 area the first hole intersected the target intermediate volcanic-dacite contact, but mineralization was not present. The second hole was collared in the upper thrust sheet and was lost in a fault before reaching the target stratigraphy.

On the Adam-C grid, both holes penetrated the target contact. The first hole intersected the contact down dip from the newly discovered mineralization and related IP anomaly. Only weak fracture-fill mineralization was encountered. The second hole tested an IP anomaly 100 metres west of the previously drilled DDH 36. Again only weak, fracture-fill mineralization was encountered.

The northern contact has not been evaluated nor has the western strike extension of the felsic volcanics.

RECOMMENDATIONS

1) Any additional work on the property should concentrate on the Adam-C grid felsic volcanic belt.

2) Assuming 1) above, additional work should begin by resolving the cause of eastward thinning of the belt (ie structural or stratigraphic), as this has a direct bearing on the focus of continued work.

3) If the answer to 2) above is stratigraphic, then detailed geology, geochemistry and geophysics should be expanded westwards towards the thickened portion of the felsic pile.

4) If the answer to 2) above is structural, then continued work including lithogeochemistry, geophysics, trenching and diamond drilling should be carried out in the area of 1990 work as well as along the northern contact.

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1. INTRODUCTION

During 1990 an integrated program consisting of 1:2500 scale grid mapping, limited concurrent rock and soil sampling, limited geophysics, diamond drilling and minor reconnaissance mapping was carried out on the Ford Property. The program focused on areas selected in 1989 as warranting follow-up.

Detailed geological mapping was carried on two previously established grids here termed the Ford 4 grid, and Adam-C grid, at a scale of 1:2500.

Limited soil sampling was carried out over a portion of the Adam-C grid. Four lines (1600 metres) of Induced Polarization were run to confirm and extend previous coverage and trace anomalous zones.

Four diamond drill holes were drilled (two on each grid) to follow-up both previously and currently identified targets.

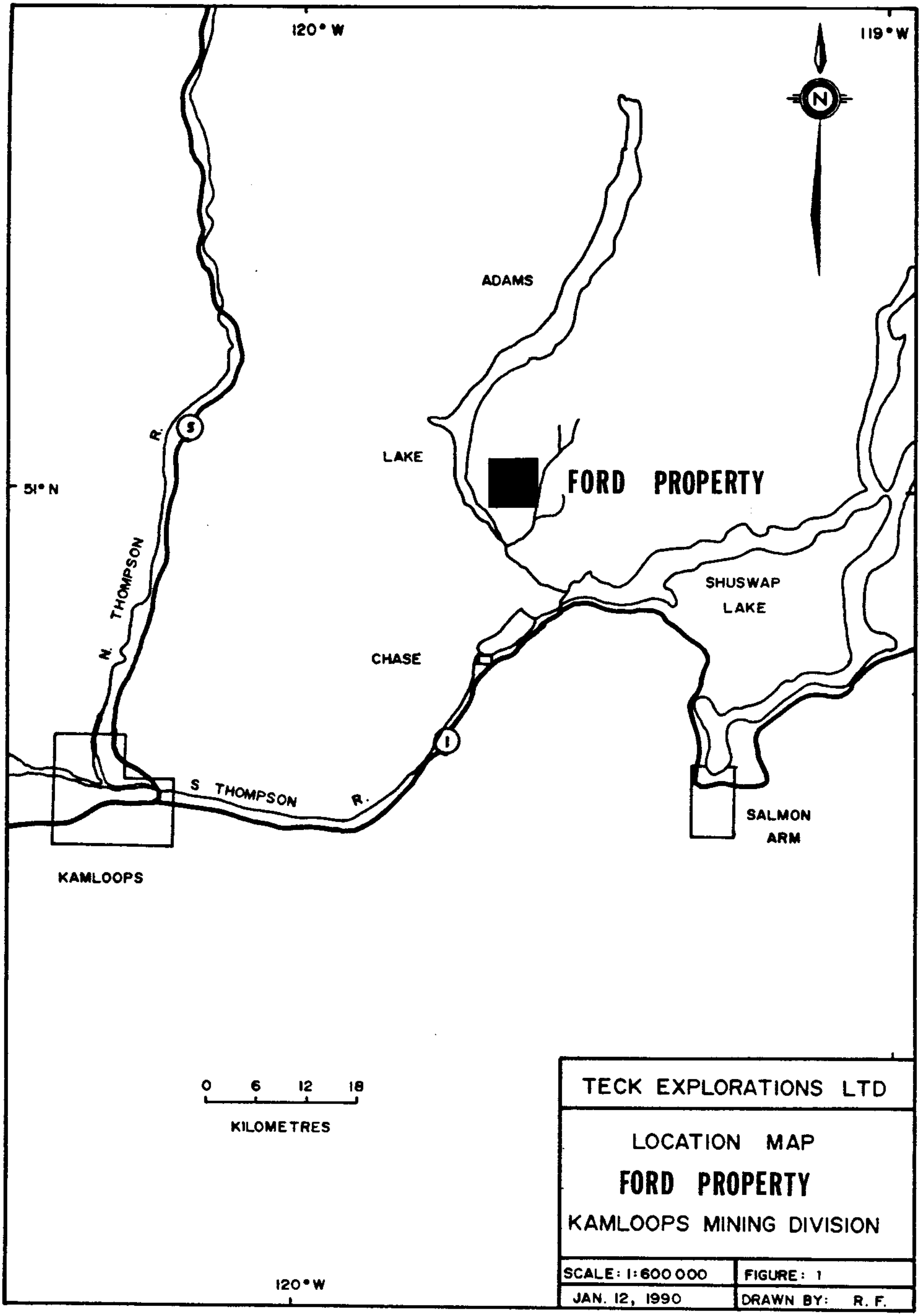
Limited reconnaissance mapping was carried out to follow-up mineralization or geological targets identified by previous workers. In addition, limited mapping was carried out in the northwest corner of the property to determine if felsic volcanic stratigraphy identified on the adjacent Beca Property extends onto the Ford property.

This report describes the program and results.

2. LOCATION AND ACCESS (Figure 1)

The Ford and Woof mineral claims are located on the southern end of the Adams Plateau, approximately 65 kilometres northeast of Kamloops, B.C. The property is located on NTS map sheets 82M/4E and 82L/13E, with an approximate latitude and longitude of 51°02'N and 119°37'W, respectively.

The property is road accessible from Kamloops via Highway 1 east for 65 kilometres to the Squilax Bridge and then north 12 kilometres to the base of Adams Lake. From Adams Lake the Adams-Spillman Forest Service Road is followed for 15 kilometres to the centre of the property. A network of secondary logging roads provides good access to most of the property.



TECK EXPLORATIONS LTD

LOCATION MAP

FORD PROPERTY

KAMLOOPS MINING DIVISION

SCALE: 1:600 000	FIGURE: 1
JAN. 12, 1990	DRAWN BY: R. F.

3. TOPOGRAPHY AND VEGETATION

Relief on the property is variable, ranging from relatively flat plateau in the northern claim area to, steep sided valleys in the eastern, western and southern claim area. Elevations range from 400 metres near the shore of Adams Lake to 1900 metres on Adams Plateau.

Vegetation is thick to open, and consists of mature cedar, hemlock, fir, aspen and birch at lower elevations and spruce and balsam at higher elevations. Approximately 20% of the property has been selectively or clear-cut logged.

4. CLAIMS (Figure 2)

The property, located in the Kamloops Mining Division, consists of the Ford 1-7 and Woof 1-3 mineral claims totalling 145 contiguous units (approximately 3625 hectares). The claims are registered in the name of Teck Corporation held in trust for BHP-Utah Mines Ltd. The following table lists all pertinent claim data.

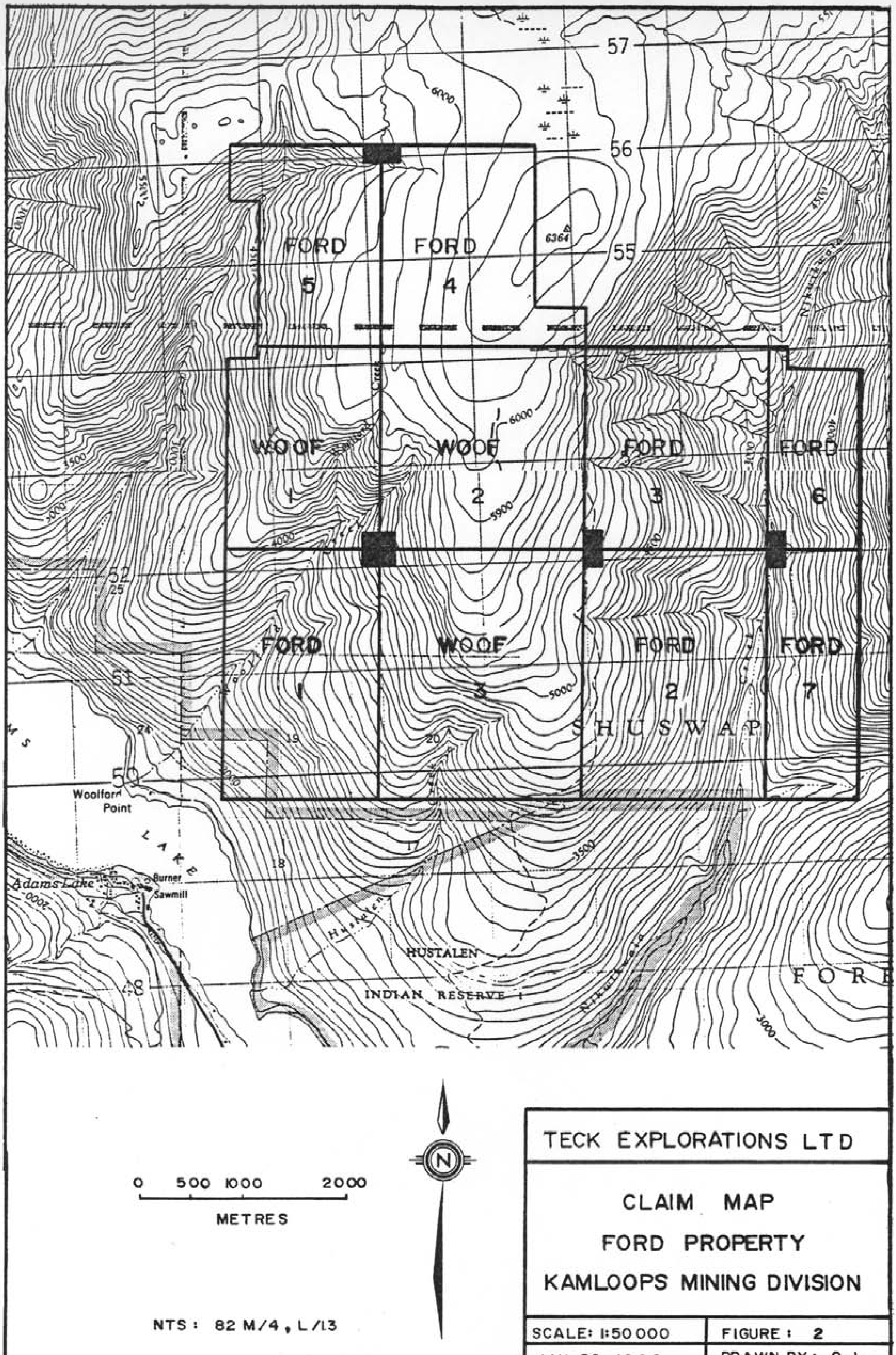
TABLE 1

CLAIM RECORDS

Claim Name	Record No.	Units	Record Date	Expiry Date
Ford 1	5310	15	Dec. 22/83	Dec. 22/92
Ford 2	5311	20	Dec. 22/83	Dec. 22/92
Ford 3	5312	16	Dec. 22/83	Dec. 22/92
Ford 4	5313	16	Dec. 22/83	Dec. 22/92
Ford 5	5314	12	Dec. 22/83	Dec. 22/92
Ford 6	6219	8	May 16/85	May 16/93
Ford 7	6220	10	May 16/85	May 16/93
Woof 1	4997	12	Nov. 18/83	Nov. 18/93
Woof 2	4998	16	Nov. 18/83	Nov. 18/93
Woof 3	4999	20	Nov. 18/83	Nov. 18/93
	Total	**145 units**		

NOTE * - Expiry date based on acceptance of this report.

Ford 1, Woof 1,3 (total 47 units) Grouped as Ford A Group
Ford 2-7, Woof 2 (total 98 units) Grouped as Ford B Group



NTS: 82 M/4, L/13

TECK EXPLORATIONS LTD

CLAIM MAP
FORD PROPERTY
KAMLOOPS MINING DIVISION

SCALE: 1:50 000	FIGURE: 2
JAN 26, 1990	DRAWN BY: S.J.

5. PREVIOUS WORK

Mineralization was discovered on Adams Plateau in the 1920's (Lucky Coon area) and substantial, although intermittent work, has been carried out since. Numerous mineral occurrences including the Lucky Coon, Elsie, King Tut, Mosquito King, Joe and Beca, are located proximal to the Ford claims.

The Lucky Coon, Elsie, King Tut, Mosquito King, Pet and Spar showings are located within 5-7 kilometres north and northeast of the Ford property and consist of stratabound massive to semi-massive sulphides (mainly lead-zinc-silver) found within metasediments. The deposits are discontinuous, locally as high grade lenses, and have had modest production: Lucky Coon - 920 tonnes yielding 713 grams gold; 222,982 grams silver; 131,738 kilograms lead; 48,783 kilograms zinc and 3,822 kilograms cadmium in 1975 and 1977.

The Beca and Joe showings are located approximately 3-4 kilometres west and northwest of the Ford and consist of lenses of volcanogenic massive sulphides (mainly silver-lead-zinc) within felsic to intermediate phyllites and schists.

In 1984, Player Resources Inc. carried out geological, geochemical, and geophysical surveys with follow up trenching on the Wad 2 and 3 claims located immediately north of the Ford. The result was the delineation of narrow copper-lead-zinc mineralization coinciding with geochemical and geophysical anomalies on Wad 2.

During 1985 the Adams Plateau Joint Venture (APJV) carried out geological, geochemical, and geophysical surveys with follow-up trenching and diamond drilling on the AXL, Wad, and Adam claims adjoining the Ford property to the north and northeast. Twenty eight holes totalling 1542 metres were drilled and intersected two narrow massive sulphide (predominantly pyrrhotite with lesser pyrite, lead, zinc, and copper) zones on strike with the Ford claims.

Mineralization was first discovered on the present Ford claims in 1971 by Derry, Michener, and Booth. Massive sulphide boulders (predominantly pyrrhotite) were uncovered while prospecting Nikwikwaia Creek. The source was found to be in the present Ford 6 and 7 claim area. Canico followed up this mineralization in 1980, but abandoned it due to low base metal grades (up to 3% lead-zinc).

The present day Ford and Woof claims were staked in 1983, by BHP-Utah Mines Ltd., to cover heavy mineral stream anomalies discovered during regional exploration of the area. At that time regional exploration in the plateau area was intensified by the discovery of the Rea deposit (located 15-20 kilometres to the northwest) by Rea Gold.

In the late fall of 1983, BHP-Utah carried out reconnaissance mapping and limited rock and soil sampling in the Woolford Creek area. An airborne electromagnetic (AEM) survey across the entire Ford property was completed by Questor Surveys Ltd. in May 1984 with 1:10,000 property mapping and sampling carried out in July and August of the same year. Property scale mapping (1:5,000) was undertaken in 1985. Four grids were constructed with subsequent soil sampling, VLF, and magnetometer surveys. Additional prospecting led to the discovery of narrow massive sulphide (predominantly pyrrhotite) lenses up to 15 centimetres in width along Nikwikwaia Creek.

In the fall of 1986, the APJV Group optioned the Ford property from BHP-Utah, adding it to their adjoining ground to the north. During 1986, APJV concentrated their work (including seven drill holes and numerous trenches) north of the Ford property on the AXL, Wad, and Adam claims in an attempt to further outline the main sulphide zones delineated by their 1985 drilling.

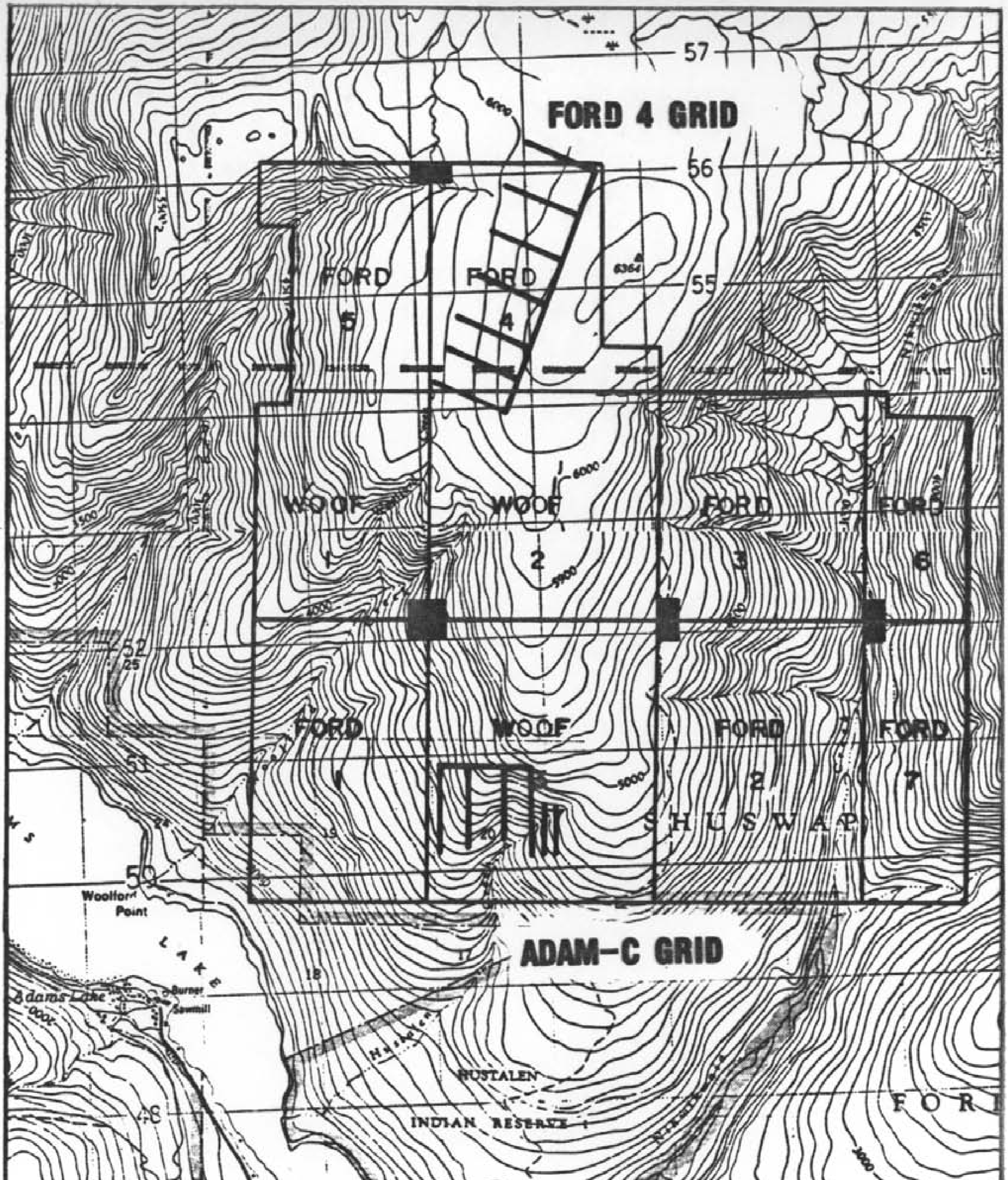
Additional work by APJV on the Ford Property consisted of Induced Polarization (IP) surveys on four grids, including the Adam-C and Woolford Creek grids (Figure 5). Follow-up drilling was concentrated in the northern Ford claim area in an attempt to test the possible southwest strike extension of the APJV sulphide zones to the north. Four diamond drill holes totalling 401 metres were drilled with no significant mineralization found. Two holes totalling 232 metres were drilled in the Adam-C grid area intersecting weak mineralization (see Property Geology - Adam-C grid). APJV returned the property to BHP-Utah Mines Ltd. at the end of 1988.

In 1989 Teck Corporation carried out 1:10,000 scale geological mapping on the Ford Property. The work was of a preliminary nature designed to select areas requiring more detailed follow-up.

6. 1990 PROGRAM

In 1990, 90 man days were spent on the Ford Property between June 5th and September 8th. The program consisted of geological mapping and concurrent rock chip sampling, soil sampling, limited geophysics and diamond drilling. In addition drill core from previous workers was relogged.

Geological mapping consisted of limited reconnaissance mapping at a scale of 1:10,000 as well as mapping of two grid areas, selected in 1989, at a scale of 1:2500. Existing grid lines were used as controls. A total of 43 rock chip samples were collected as part of the mapping program. Grid locations are shown on Figure 4.



0 500 1000 2000

METRES

N

NTS: 82 M/4, L/13

TECK EXPLORATIONS LTD	
GRID LOCATION MAP FORD PROPERTY KAMLOOPS MINING DIVISION	
SCALE: 1:50 000	FIGURE: 4
JAN 26, 1990	DRAWN BY: S.J.

A portion of one grid (Adam-C grid) was soil sampled to test for anomalous metal concentrations associated with IP anomalies. A total of 84 samples were collected.

A total of 1600 metres of Induced Polarization were surveyed in four lines on the Adam-C grid. The survey consisted of resurveying of the eastern two lines and adding two additional lines to the east side of the grid to trace anomalies identified by earlier workers and to ensure compatibility between the old and current surveys. The two new lines were established as part of the 1990 program.

A total of 860.45 metres were diamond drilled in four holes comprising two holes on each grid. In addition seven previously drilled holes were relogged to aid in understanding of the geology.

The purpose of the 1990 program was to follow-up targets selected during the 1989 reconnaissance program. More specifically the program had three main objectives:

1) To attempt to trace known mineralization on the adjoining Adams Exploration ground onto the property in the Ford 4 area (Ford 4 grid).

2) To further test pyritic felsic volcanics in the Adam-C grid area where weak base metal mineralization was known to be present.

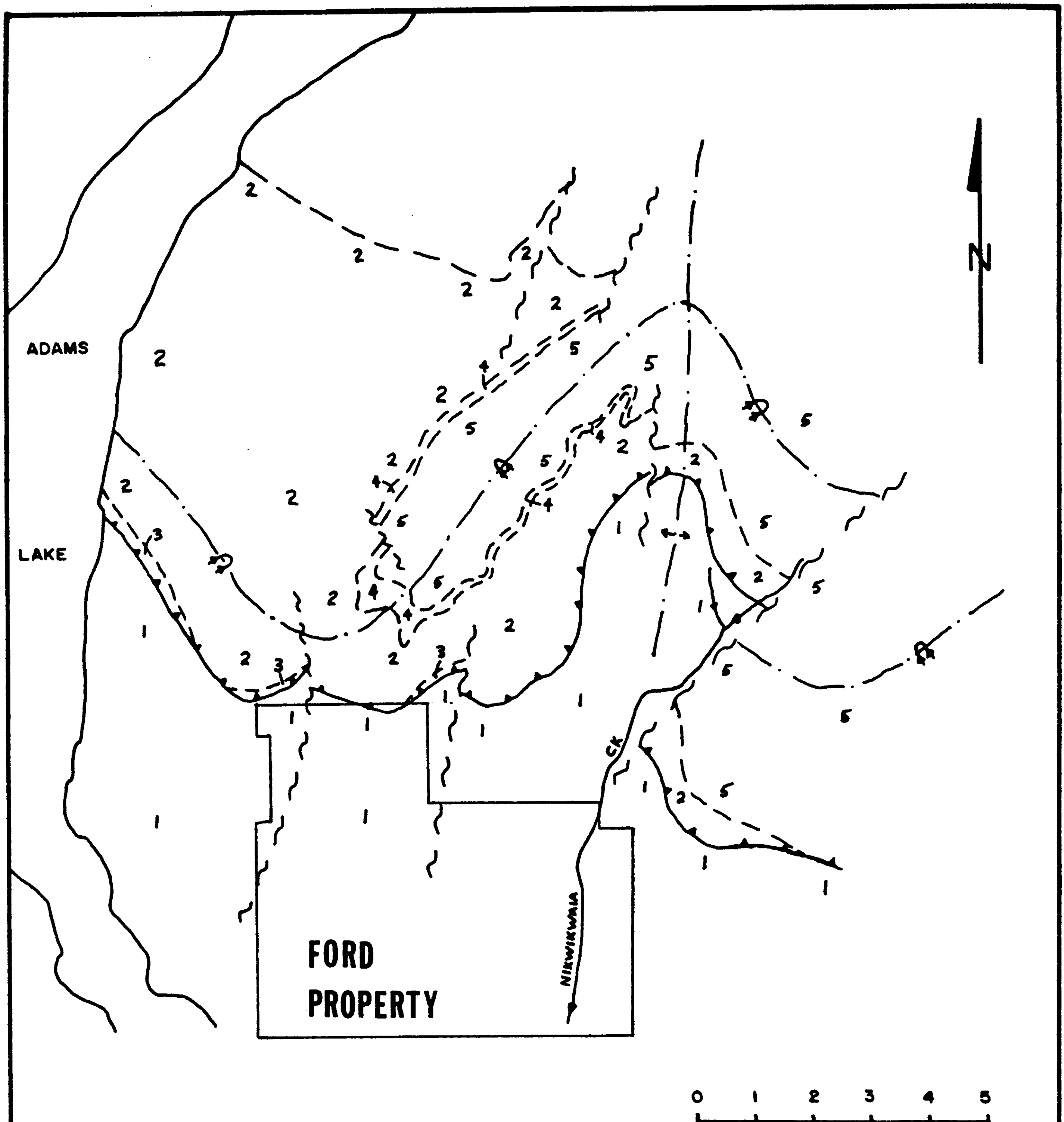
3) To expand on the 1989 reconnaissance mapping to include areas which had not previously been mapped as well as to follow-up on selected areas identified in 1989 and by previous workers.

7. GEOLOGY

A. Regional Geology (Figure 3)

The Clearwater-Adams Plateau-Vavenby region has been mapped by the government (mainly the Geological Survey of Canada) since 1872. The most recent and comprehensive mapping project was initiated in 1978 by Schiarizza and Preto of the B.C. Ministry of Mines and Petroleum Resources and is summarized in their most recent report (Paper 1987-2).

This work indicates the Ford property is underlain by predominantly Paleozoic (Mississippian or older) rocks of the Eagle Bay Assemblage found within the western margin of the Omineca Belt. The Eagle Bay rocks are bounded to the east by the high-grade metamorphic rocks of the Shuswap Complex and to



After: Schiarizza and Preto 1987

LEGEND

5	CLASTIC SEDIMENTS
4	QUARTZITE
3	POLYMICTIC CONGLOMERATE
2	INTERMEDIATE VOLCANICS — CHLORITE SCHIST
1	SERICITE SCHIST — FELSIC VOLCANICS — INCL. GRANITIC ORTHOGNEISS

TECK EXPLORATIONS LTD.	
REGIONAL GEOLOGY	
NTS: 82M/12, L/13	FIGURE: 3
JANUARY, 1990	SCALE: 1:100000

the west by the rocks of the Intermontane Belt. The Eagle Bay Assemblage consists of complexly deformed low grade (lower greenschist) metavolcanic and metasedimentary rocks generally striking northwest and dipping northeast. They have been intruded by a late Devonian foliated granodiorite, Cretaceous granite, and early Tertiary quartz feldspar porphyry and basalt dykes.

The structural history of the area is complex as there are at least four recognizable stages of folding and/or faulting from the Jurassic to the Tertiary. Most predominant is the synmetamorphic west to southwest verging overturned folds and associated southwest directed thrust faults (such as the Haggard Creek thrust fault recognized in the northern property area). The Nikwikwaia synform is a southwest trending overturned isoclinal fold consisting of a core of metasediments enclosed by chlorite schists (Schiarriza and Preto, 1987). The nose of this synform (outlined by quartzites) is located on the northern end of the Ford property. Post metamorphic mesoscopic northwest plunging folds and later, east-west trending folds overprint the above synmetamorphic structures. The most recent and recognizable deformation on the property is comprised of northeasterly trending strike-slip faults and later, high angle normal faults and associated northerly trending folds.

Numerous mineral occurrences are located in the Adams Plateau and surrounding area. They are predominantly stratabound massive sulphide (lead-zinc-silver), hosted by metasediments and volcanogenic massive sulphide (silver-lead-zinc), hosted by felsic to intermediate phyllites and schists.

B. <u>Property Geology</u> (Figure 5)

The Ford Property map area has been revised to include 7 major rock units. Due to the inherent fabric imposed by greenschist facies metamorphism and widespread shearing, recognition and distinction in the field of original rock types is sometimes difficult. The section generally strikes 040° - 060° with dips of 30° - 60° to the northwest, with the exception of the northern claim area (junction of Ford 4, 5 and Woof 1, 2 where strike is 080° - 120° with dips of 20° - 40° to the northeast).

The most extensive units underlying the claims (comprising about 70% of the map area) are chlorite phyllite (intermediate volcanics) and foliated to locally gneissic granodiorite to diorite intrusive.

The chlorite phyllite represents metamorphosed andesitic tuffs and flows. Although metamorphism generally obliterates flow vs. clastic textures, a clastic subunit is identified in the northern portion of the property. These clastic rocks consist of lithic tuffs, lapilli tuffs and breccias which are intercalated with and grade into clastic sediments (wacke and conglomerate). These reworked clastic volcanics and intercalated sediments may represent a transitional environment from a dominantly volcanic regime underlying the majority of the Ford property to a dominantly sedimentary regime (basin) northeast of the property?

Sericite to quartz-sericite schist and sericite-chlorite phyllite/schist are present locally throughout the property. These rocks, interpreted as metamorphosed dacite to rhyolite, occur most extensively in the Adam-C grid area, located in the southwestern portion of the property (Ford 3 and Woof 1 claims). These units will be discussed further in the Adam-C grid Section of this report.

A sedimentary unit consisting of the above mentioned wacke and conglomerate as well as argillite, mudstone, chert, shale and local quartzite and limestone is present in the very northernmost portion of the property.

Sericite-chlorite phyllite, likely representing meta-dacite, is present in the Ford 4 area, and also occurs as narrow, discontinuous bands in the southern claim area. This unit will be described in more detail in the Lithology and Ford 4 grid sections of this report.

The youngest units in the map area consist of quartz-feldspar porphyry and mafic dykes. These dykes are likely Cretaceous to Tertiary in age and may be related to late, north to northeast trending high angle faults. Both the QFP and mafic dykes are common throughout the map area.

I. Lithology

Unit 1A, 1C, 1D: Argillite, Mudstone, Chert, Shale, Minor Limestone, Quartzite

This aphanitic to fine grained sedimentary unit is comprised predominantly of argillite, mudstone, and chert. Argillite is dark brown to black, locally graphitic, weakly pyritic, and commonly displays crenulation cleavage. Mudstone is light, pale greenish grey and locally conglomeratic. The argillites and mudstones; are weakly to strongly foliated and locally exhibit mesoscopic folding, kink banding and soft sediment deformation; are commonly interbanded; and locally display relict bedding. Chert is silvery grey, strongly siliceous and occurs as bands (intercalations) up to 1 centimetre wide in argillites and mudstones giving a weak to strong cherty nature. Shale is dark brown to greyish to black and is moderately to strongly foliated. Limestone is white to bluish, fine to coarse grained, and occurs as minor bands within the other sediments and chlorite schists. Quartzite is white to greyish, strongly siliceous and is also intercalated with other sediments. The sediments were not separated into their individual components on Figure 5 because of their limited continuity, interbedded nature, and variable cherty content.

Unit 1B: Conglomerate, Wacke

Unit 1B is located on the Ford 4 grid and consists of discontinuous lenses of bedded conglomerate and quartzose wacke. The conglomerate consists of subrounded clasts of; sediments (argillite, wacke, mudstone), quartz, and rarely, intermediate volcanics; set in an argillaceous matrix. Clast to matrix ratios are highly variable. Conglomerates generally occur as internally disorganized beds up to 3 metres thick within bedded, medium to coarse grained quartzose wacke. The lensoid nature appears to be due to truncation caused by thrust faulting.

Unit 2: Quartz-Sericite to Sericite Schist (Rhyolite)

This felsic unit is fine grained, white to buff yellow, weakly to moderately calcareous, locally mesoscopically folded, and weakly pyritic. Quartz content is variable, ranging from weak (sericite schist with high feldspar content) to strong (quartz-sericite schist).

It is locally quartz-eyed with clear to whiteish "eyes" up to 3 millimetres in diameter and round to square in shape. Chlorite may be present but, generally only in minor concentrations while muscovite may be present in weak to moderate amounts. Schistosity ranges from weak to intense (paper schist) with moderate to strong as most common. A local, hard, massive to weakly foliated, variety is present, and may represent felsic flows (Unit 2a). Minor amounts of pyrite are common. The unit is rhyolitic in composition and is derived from felsic volcanic rocks. Rocks of Unit 2 are best exposed on the Adam-C grid and will be described in more detail in the Adam-C grid section of this report.

Unit 3: Sericite-Chlorite Phyllite (Dacite)

Unit 3 is a fine grained, weak to moderately calcareous, patchy buff (sericite) and medium green (chlorite) phyllite. Overall, it has equivalent amounts of sericite and chlorite. Locally, sericite is commonly a little more predominant. Minor amounts of quartz-eyes (similar to "eyes" in Unit 2) can also be present locally. It is derived from either a siliceous sediment or a felsic volcanic and is dacitic in overall composition. The sericite-chlorite schist is distinguished from the quartz-sericite to sericite schist (Unit 2) by its greater concentration of chlorite and general lack of appreciable quartz. The thickest section of Unit 3 rocks is located on the Ford 4 grid and will be discussed in more detail in the section pertaining to the Ford 4 grid.

Unit 4: Intermediate Volcanic - Chlorite Phyllite

The intermediate volcanic - chlorite phyllite is a fine grained, medium to dark green, moderately to strongly calcareous, and weakly to moderately magnetic unit. It ranges from an andesite (non-foliated) to intermediate phyllite (weak to moderately foliated) to chlorite schist (strongly foliated) depending on the degree of metamorphism and mica development. It is derived from andesite flows and fine grained tuffs. Local mesoscopic folding may be present as well as intercalations of sediments (argillites, mudstones, shales) and/or felsic schists. Variable amounts of sericite may be present, usually minor. Minor to weak concentrations of pyrite, malachite, chalcopyrite, and sphalerite are found within this extensive unit. The chlorite schist variety of this unit is distinguished from the sericite-chlorite unit (Unit 3) by its greater amounts of chlorite and carbonate and lack of sericite.

Unit 4a: Polylithic Breccia (Volcanic)

Unit 4a is an intermediate volcanic breccia located on the northern edge of the property (Ford 4). It was identified in pre-existing drill core while only float boulders have been found on surface. It is comprised of lithic clasts (which constitute 80% of the rock) in an intermediate volcanic matrix. The subangular clasts range from 1 millimetre to 5 centimetres in diameter and are weakly to moderately deformed. The composition of the lithic clasts (in decreasing order of abundance) is; felsic volcanics, intermediate volcanics, quartz, and sediments (argillites, wackes). Both the clasts and matrix exhibit weak to moderate sericite and epidote alteration. Local weak pyrite, pyrrhotite, sphalerite, and galena occur as disseminations in the matrix. This subunit represents a specific, recognizable fragmental which was thought might be useful as a marker unit. The unit has not been recognized on the property, however, except as float boulders.

Unit 4b: Lapilli Tuff to Breccia

Unit 4b consists of clastic intermediate volcanics ranging from tuff to breccia, with lapilli tuff and breccia being most common. The rocks are often calcareous and consist of intermediate lithic clasts set in an intermediate matrix. The unit shows considerable reworking and grades into bedded volcaniclastic sediments and finally into conglomerates and wackes of Unit 1b. Rocks of Unit 4 are exposed in the northern portion of the property on the Ford 4 grid and will be described further in that section of the report.

Unit 4b rocks are likely derived from Unit 4 andesites, however, the relationship is tenuous as a thrust fault is believed to separate the two.

Unit 5: Foliated Granodiorite to Diorite

This intrusive unit is a medium grained granodiorite to diorite which is commonly strongly foliated. It is weakly to moderately gneissic (locally). A leucocratic quartz and feldspar rich variety is most common, however, darker, more mafic rich varieties are locally present. The contacts with the intermediate volcanics range from sharp to gradational, and are locally hornfelsic. The intrusive commonly contains xenolith near country rock contacts. Xenoliths are often hornfelsic intermediate volcanics and locally quartz-eyed sericite phyllite. Foliations within the intrusive parallel foliations in the surrounding country rock. At time the foliated granodiorite becomes very fine grained, lending difficulty in distinguishing it from some of the felsic volcanics. Portions of this unit have been mapped as felsic volcanics by previous workers.

Unit 6: Mafic Dyke

Unit 6 is a dark green to black, fine grained, locally hornblende porphyritic mafic dyke. It is andesitic to basaltic in composition, magnetic, and non-foliated. Locally it contains weak pyrite.

Unit 7: Quartz Feldspar Porphyry

Rocks of Unit 7 are white to buff coloured and composed predominantly of aphanitic to fine grained quartz and feldspar. Local quartz and feldspar phenocrysts, up to 2 millimetres in diameter, are present. Spherulitic texture may be present and flow banding is common, with alternating white and buff or white and light green bands (usually 1 millimetre in width but may be up to 3 millimetres). Weathering produces a chalky white appearance in this unmetamorphosed, non-foliated, and non-calcareous unit. It occurs as dykes or sills (structurally controlled?) and locally contains up to 0.5% pyrite. Distinction from older felsic volcanics (Unit 2) is made by its fresh looking appearance due to lack of sericite and/or chlorite alteration and lack of foliation.

II. **Ford 4 Grid** (Figure 6)

Detailed, grid controlled mapping was carried out on the Ford 4 grid. The grid was put in by previous workers and reflagging of stations was all that was required. The grid consists of a 2.3 kilometres baseline running at 020° with crosslines spaced 100 metres apart, for a total of 16.1 linekilometers mapped (including the baseline).

In general bedrock exposure is very good in the southern half of the grid area and very poor in the northern half.

The most common rock type underlying the grid area is intermediate volcanics of Unit 4. Intermediate volcanics, generally chlorite phyllite, form a belt about 200 metres wide through the centre of the grid area. A narrow (approximately 10 - 20 metre) band of sericite-chlorite phyllite (dacite) occurs within the intermediate volcanics near the east side of the grid. These rocks are lighter coloured, more sericitic and siliceous (occasional quartz eyes) and locally are fragmental (lapilli to breccia). Weak pyrite, chalcopyrite and sphalerite are associated with this unit near the northeast corner of the grid and on the adjoining property along strike to the northeast.

In the southeast portion of the grid foliated granodiorite of unit 5 intrudes the section. The dacite appears to be cut off by the intrusive in the central part of the grid, but, reappears on the other side at the south end of the grid. The granodiorite is strongly foliated to locally gneissic, quartz-rich and contains variable amounts of chlorite, sericite and muscovite. The contact with surrounding lithologies is irregular and often hornfelsic. In some areas irregular xenoliths of hornfelsic country rock are present within the granodiorite, generally within 50 - 70 metres of the contact.

The western and northwestern portions of the grid are underlain by reworked volcaniclastics of unit 4b which grade to conglomerates and wackes of Unit 1b. The transition from volcanic to sedimentary nature is gradational. Conglomerates and wackes are present as discontinuous lenses, however the lensed shape appears structural as the rocks are truncated by thrust faulting. This truncation is most apparent in the conglomerates, likely because this is the most readily identifiable unit. Bedding and foliation west of the proposed thrust fault seem to have a more easterly trend than east of the thrust (060° vs. 040°).

Only weak mineralization in the form of disseminated and fracture-fill pyrite with local minor chalcopyrite and sphalerite were observed. This mineralization seems to occur in two ways: (1) In hornfelsic zones along the contact with granodiorite; (2) associated with narrow zones of sericite schist which represents shear zones (previously mapped as felsic volcanics). Significant mineralization was not noticed on surface.

III. <u>Adam-C Grid</u> (Figure 7)

The Adam-C grid is located on the Woof 3 claim. The base line trends 090° with crosslines at varying intervals from 50 metres to 200 metres. The grid was established by previous workers with the exception of lines 21+50E and 22+00E (800m total) which was established in 1990 as part of the current program. Geological mapping included the portion from L12+00E to line 22+00E, approximately eight line kilometres including the baseline.

The grid area is underlain by a northeast trending belt of felsic volcanics (sericite and quartz-sericite schists) bounded to the north and south by intermediate volcanics. Felsic volcanics consist largely of fragmental rocks (tuffs, lapilli tuffs, breccias). Local hard, massive exposures may represent flows (unit 2a). Due to surface oxidation fragmental textures are generally only recognizable in drill core. Felsic volcanics characteristically contain 1% - 5% disseminated and fracture fill pyrite. The belt of felsic volcanics thins dramatically eastward. It is not know whether this thinning is stratigraphic or structural in nature. If stratigraphic there may be potential to the west (ie. direction of thickening of felsic section). If structural any mineralization may be concentrated in local fold closures and will likely be rod shaped. Lineations in the area plunge shallowly to the WNW.

Surrounding intermediate volcanics consist of a fairly monotonous sequence of chlorite phyllites. At the south end of the grid the chlorite phyllites are hornfelsic and intruded by dykes of foliated granodiorite. This area is likely close to a contact with a large body of granodiorite.

Minor argillaceous sediments have been identified (in drill core) along the southern felsic - intermediate volcanic contact. Minor disseminated and fracture-fill chalcopyrite and sphalerite is present on surface and in drill core near this contact. Two diamond drill holes (DDH 36 and 37) were drilled by previous workers in this area, to test induced polarization anomalies. Core could not be found from DDH 37, however, core from hole 36 was relogged and the mineralized contact zone sampled. Results include; 5840 ppm Zn/4.14m, followed by 0.88 metres unmineralized, in turn followed by 4016 ppm copper/4.15m including 1.04% copper over 1.0 metres. Weak copper mineralization was also found on surface near the contact in the area of line 21+50E. An induced polarization anomaly follows the contact zone through the area tested by DDH 36 and eastward to the edge of the grid. Two lines were added to the east end of the grid and run with IP. Results indicates that the anomaly continues east but weakens. Two holes were drilled to test the contact zone along strike as well as down dip, the results of which are described in the diamond drilling section of this report.

The felsic volcanics continue westwards, however, sulphides are not apparent and limited IP work indicates that anomalies do not continue to the west.

IV. Reconnaissance Mapping

Limited reconnaissance mapping, encompassing a total of 7 mandays, was carried out over selected small areas of the property including the Woolford Creek area, the southeast portion of the property near Nikwikwaia Creek and in the northwest corner of the property. Results are plotted on the 1:10,000 Geology Map (Figure 5). The purpose of the mapping was to fill in holes in the 1989 mapping as well as to follow-up on previously identified targets.

In the Woolford Creek area a copper occurrence reported by previous workers was located and sampled. Additional mapping was carried out in the area to determine if the area was underlain by favourable geology.

The mineralization was found to be narrow and erratic. The area is underlain by intermediate volcanics. Expected felsic volcanics were not observed in the area.

Traverses were made in the northwest corner to determine if felsic stratigraphy hosting massive sulphides on the adjacent Beca Claims extends onto the property. The area was found to be underlain by intermediate volcanics. Two samples were collected of pyritic gossans. Results were negative. Dacite lapilli tuff was identified west of the property (on the Beca claims) but does not extend onto the property.

One traverse was carried out in the southeast portion of the property to locate pyrite-pyrrhotite mineralization reported in the area. The area down to Nikwikwaia Creek is primarily underlain by intermediate volcanics. Local sericite and sericite-chlorite phyllite is present but may be related to shearing. The mineralization was not found.

V. Mineralization and Rock Chip Sampling

A total of 17 rock samples were collected from the property. Sample locations are shown on Figures 5, 6 and 7. Samples were sent to Acme Analytical Labs, Vancouver, B.C. and analyzed for Au by atomic absorption and for 29 elements by ICP (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W). Analytical Procedures are included in Appendix IV and Certificates of Analysis in Appendix III.

Weak pyrite mineralization is widespread throughout the property as disseminations, fracture fillings and associated crosscutting quartz/carbonate veinlets.

In the Woolford Creek area a copper occurrence described by previous workers was located and sampled. A narrow zone of heavy pyrite with malachite and chalcopyrite is related to crosscutting fractures. Sample number 20023 was collected from this mineralization and ran 1444 ppm Cu. The mineralization associated with sericitic schist, which here is likely related to shearing and associated alteration. Felsic volcanics are not present in this area. Mineralization is erratic with little potential.

On the Adam-C grid pyrite with minor chalcopyrite and sphalerite occurs near the southern contact of a band of felsic volcanics with intermediate volcanics. This mineralization was intersected in DDH 36 drilled by previous workers. Prospecting along the contact in 1990 identified pyrite-chalcopyrite mineralization near the same contact 350 metres to the east. Sample 20021, a grab of the mineralization ran 8982 ppm Cu, 17.6 ppm Ag and 205 ppb gold (see Figure 7). Mineralization consists of heavily disseminated and fracture-fill pyrite and chalcopyrite hosted by a siliceous (silicified?) sericite schist. The sericite schist occurs near the contact with intermediate volcanics. IP anomalies are present associated with this contact over a strike length of 500 metres.

Narrow zones of sulphide mineralization consisting of pyrite, pyrrhotite, sphalerite, galena and minor chalcopyrite have been intersected by drilling just outside the northeast corner of the property (Ford 4 claim). The mineralization seems to be related to a band of dacite (sericite-chlorite phyllite). The Ford 4 claim is along strike however outcrop is poor. Several minor occurrences of pyrite with trace chalcopyrite or sphalerite are present in the Ford 4 grid area. Mineralization is generally of one of the following two types: 1) Hornfelsic, often quartz veined zones along the contact with foliated granodiorite or; 2) Sericitic and sometimes siliceous shear zones. These types of mineralization are not considered to have much potential on the Ford property. Two holes were drilled to test the stratigraphy hosting mineralization just outside the property boundary. Results are described in the Diamond Drilling section of this report.

8. GRID PREPARATION

Amex Exploration Services of Kamloops, B.C. were contracted to add two lines to the east end of the Adam-C grid. The lines (L21+50E and 22+00E) were cut to IP standard with slope corrected stations established every 25 metres and marked on tyvex tags. A total of 800 metres of line were established. Lines were established by chain and compass.

9. GEOPHYSICS

During 1990 an Induced Polarization survey was run on four lines on the Adam-C grid for a total of 1.6 line kilometres surveyed. Lines surveyed include the two lines established as part of the current program (L21+50E and 22+00E), as well as the two immediately adjacent lines (L20+00E and L21+00E). These two lines had been included in a previous IP survey and were rerun to ensure compatibility between the previous and current surveys.

Scott Geophysics Ltd. of Vancouver, B.C. was contracted to carry out the survey. IP pseudosections are included in Figures 10, 11, 12 and 13. The survey was carried out on August 4th and 5th, 1990.

FIGURE 10

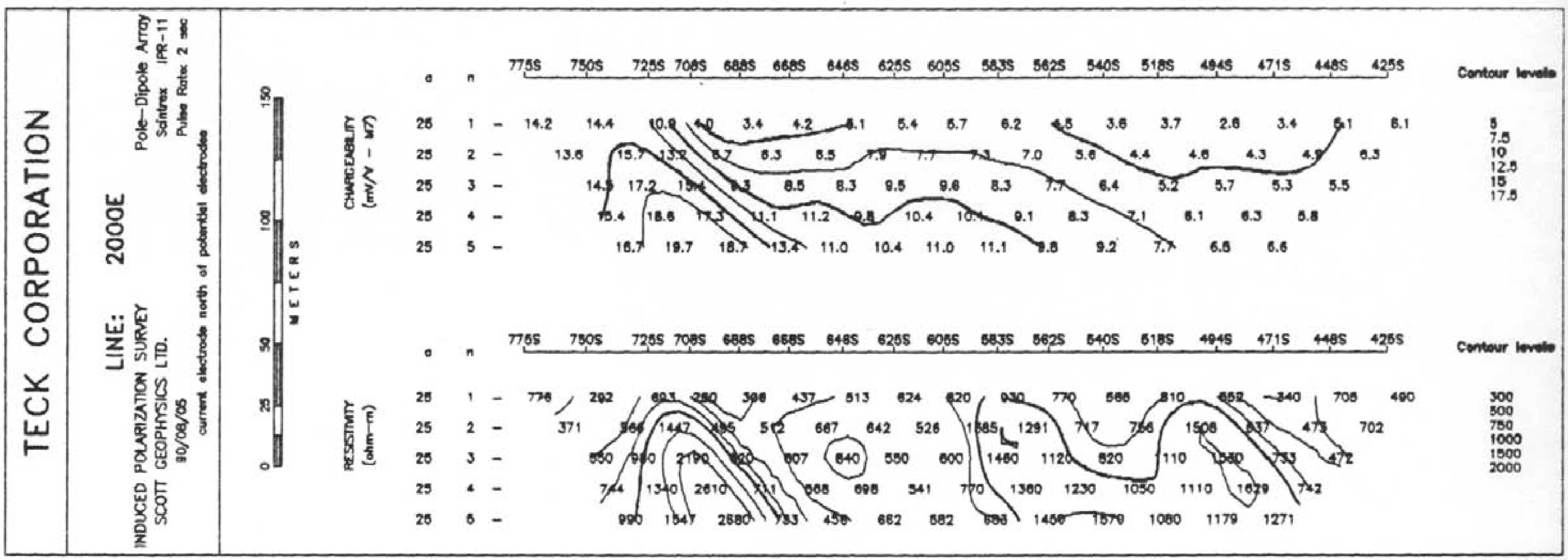

TECK CORPORATION
LINE: 2000E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/08/05
Pole–Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode north of potential electrodes
METERS
0 25 50 100 150
CHARGEABILITY (mV/V – M7)
RESISTIVITY (ohm–m)
a n
775S 750S 725S 708S 688S 668S 646S 625S 605S 583S 562S 540S 518S 494S 471S 448S 425S
Contour levels
5 7.5 10 12.5 15 17.5
Contour levels
300 500 750 1000 1500 2000

FIGURE 11

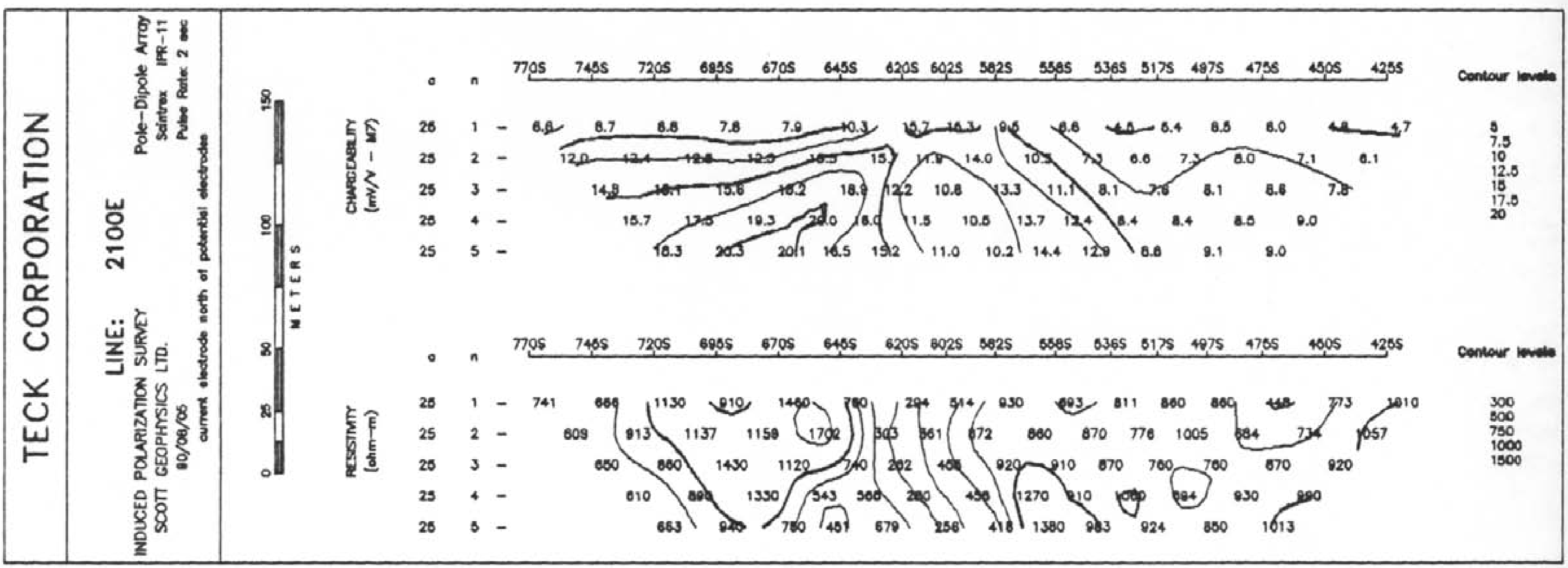

TECK CORPORATION
LINE: 2100E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/08/05
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode north of potential electrodes
METERS
0 25 50 100 150
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
a n
770S 745S 720S 695S 670S 645S 620S 602S 582S 558S 536S 517S 497S 475S 450S 425S
Contour levels
5 7.5 10 12.5 15 17.5 20
300 500 750 1000 1500

FIGURE 12

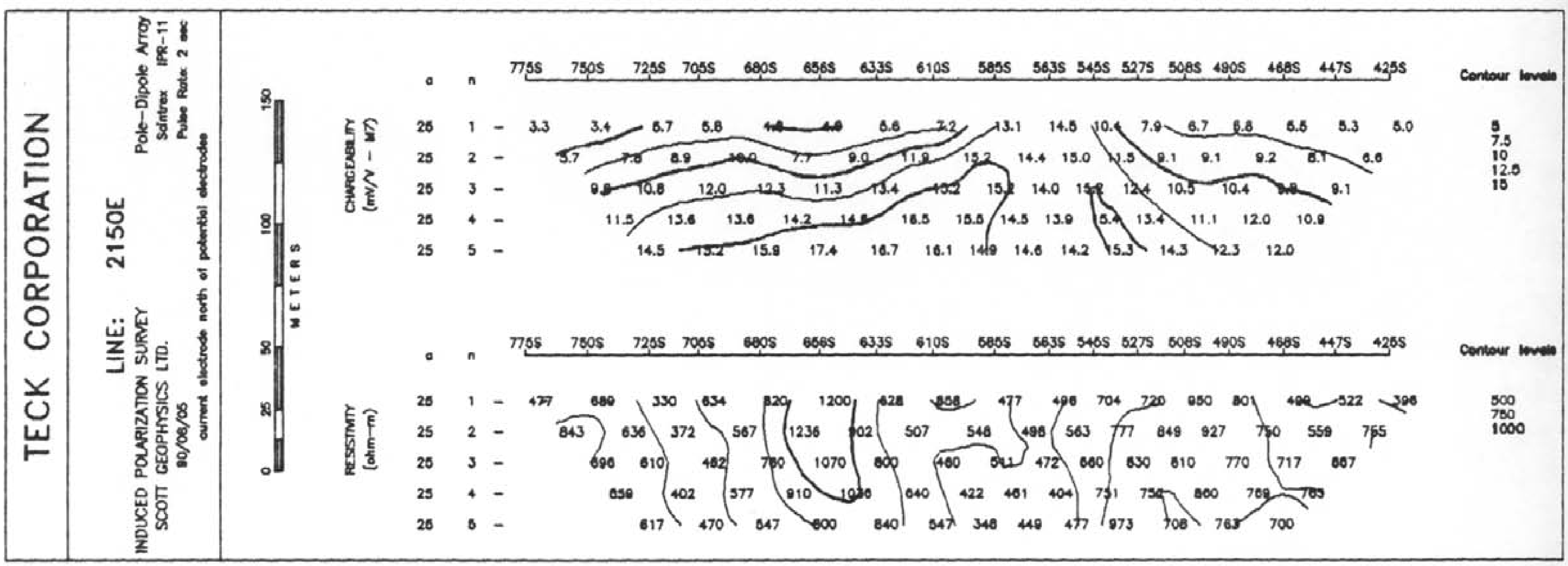
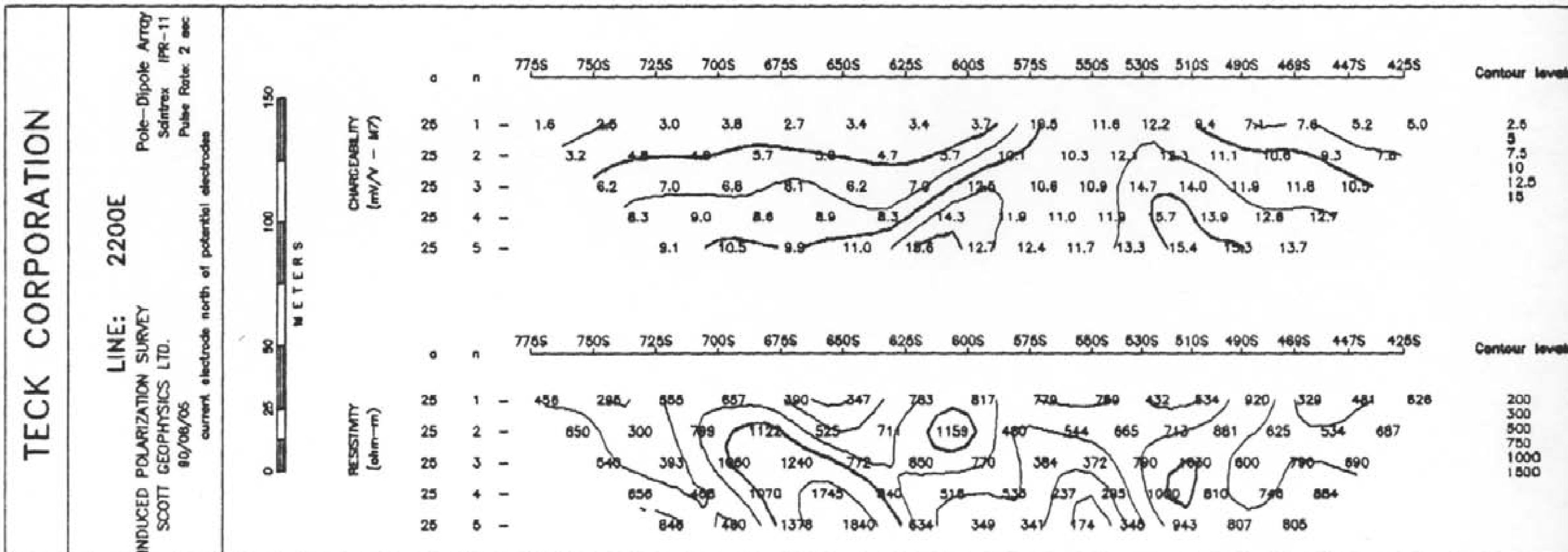

TECK CORPORATION
LINE: 2150E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
90/06/05
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode north of potential electrodes
METERS
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
Contour levels
5
7.5
10
12.5
15
500
750
1000

FIGURE 13


TECK CORPORATION
LINE: 2200E
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
Pole-Dipole Array
Scintrex IPR-11
Pulse Rate: 2 sec
current electrode north of potential electrodes
METERS
CHARGEABILITY (mV/V - M7)
RESISTIVITY (ohm-m)
Contour levels
775S 750S 725S 700S 675S 650S 625S 600S 575S 550S 530S 510S 490S 469S 447S 425S
2.5 5 7.5 10 12.5 15
200 300 500 750 1000 1500

The survey was performed utilizing a Scintrex IPR11 receiver with a Scintrex 2.5kw transmitter. The program utilized a pole-dipole array with an "a" spacing of 25 metres and separations of N=1 to 5. Readings were taken in the time domain utilizing a 2 second on /2 second off alternating square wave.

Chargeabilities (mv/v) were measured at 10 delay times after cessation of the current pulse. These values, along with apparent resistivity, primary voltage during the current on time, the self potential gradient and the line and station number are presented as summary data listings (Appendix VII). The results are presented in posted and contoured pseudosection form for apparent resistivity and M7 chargeability (Figures 10 - 13).

Spectral analysis of the decay curves for time constant, frequency dependence, Mo and fit to the theoretical decay curve, are presented as data listings (Appendix VII).

On the two previously surveyed lines (L20+00E and 21+00E) the anomalous responses were confirmed and the anomaly was extended eastward across the two new lines (L21+50E, L22+00E). Centres of these anomalous zones are at: L20+00E, 7+25S; Line 21+00E, 6+70S; Line 21+50E, 6+50S and ; Line 22+00E, 6+00S. Alan Wynne, geophysicist, of Scott Geophysics states: "The zones appear to be flat lying, with the possible exception of line 20+00E. High resistivities generally conform to the chargeability highs."

The anomalies appear to be related to the felsic-intermediate volcanic contact and to related mineralization as exposed near L21+50E, 6+40S in the creek bed.

10. SOIL GEOCHEMISTRY

Grid soil sampling was carried out over a portion of the Adam-C grid. A total of 84 samples were collected and sent to Acme Analytical Labs Ltd. in Vancouver for 29 elements by ICP (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W) and gold by atomic absorption. Samples were collected from the 'B' horizon, which generally occurs at a depth of 10cm to 20cm. Local areas of talus are present and while a "B" soil horizon is generally still developed it generally occurs at a greater depth (30cm to 40cm). All soils were collected in kraft bags and allowed to air dry before shipment to the lab. Four moss mat samples from local creeks were collected and also analyzed for ICP and Au. Sample locations are shown on Figure 8 and results for copper and zinc on Figure 9. For a complete list of results see Appendix III for certificates of analysis. Analytical procedures are included in Appendix IV.

The majority of soils were collected from line 18+00E to 21+00E, on lines 50 metres apart. Sample interval was 25 metres. As previously established lines are at 100 metre spacings, the intervening lines were run utilizing topofil and compass. Slope corrected stations along with sample numbers were marked on tyvex tags. Lines were run concurrent with sampling. This sampling was carried out to test the southern intermediate - felsic volcanic contact and related IP anomalies. In addition five soils were collected across the northern felsic -intermediate volcanic contact on line 18+00E using a 12.5m station interval. Similarly 8 soils were collected at 12.5m intervals on line 16+00E between 4+25S and 5+25S to test for metal concentrations associated with an IP anomaly at that location.

Due to the small population a statistical analysis was not done on the results. A visual estimate was made for the background values for copper and zinc. Two times the background value was then used as an anomalous threshold. Background values are taken to be: 50 ppm for copper and; 100 ppm for zinc. Anomalous threshold are taken at; 100 ppm for copper and; 200 ppm for zinc.

Weak discontinuous copper and zinc anomalies are present along the south side of the grid (Figure 9) These reflect known mineralization and seem related to IP anomalies associated with the contact between felsic volcanics and intermediate volcanics. The soil anomalies suggest that mineralization may be more extensive than presently known.

Results of soils taken across the northern intermediate - felsic volcanic contact on line 18+00E show a single point anomaly of 418 ppm copper and 606 ppm Zn. Prospecting in this area of good outcrop and subcrop failed to locate any sulphide mineralization (including pyrite). The source of this anomalous response is not known. Additional soil sampling to cover the contact along strike is warranted to determine if an extensive anomaly warranting follow-up is present.

Results from eight soils collected over an IP anomaly on line 16+00E show no anomalous copper values. Two successive anomalous zinc values (323 ppm and 304 ppm Zn) are present near the road. Good exposure is present along the road and while felsic volcanics in this area are pyritic, (possibly explaining the IP response), no base metal mineralization was noted.

11. DIAMOND DRILLING

Four holes were drilled in 1990 between Aug. 19-28, 1990 for a total of 860.45 metres. Two holes were drilled on the Ford 4 grid and two on the Adam-C grid. Drill hole locations are shown on Figures 5, 6 and 7. In addition to the above mentioned holes drilled as part of this program, a total of seven previously drilled holes were relogged to gain a better understanding of the geology prior to the current programs. A total of 746.14 metres were relogged. Drill hole locations are plotted on Figures 5, 6 and 7 (drill sections are shown on Figures 14-17). Table 2 summarizes all pertinent drill data. Table 3 provides a summary of previously drilled holes which were relogged as part of the 1990 program. Drill logs for 1990 drilling as well as previous holes are found in Appendix VI.

TABLE 2

1990 Drill Hole Statistics

Hole No.	Azimuth	Dip	Total Length	No. of Samples	Claim
FF-90-1	135°	-50°	306.93m	Nil	Ford 4
FF-90-2	135°	-50°	168.55m	Nil	Ford 4
FAC-90-3	155°	-70°	263.96m	18	Woof 3
FAC-90-4	--	-90°	121.01m	8	Woof 3
	Total		**860.45m**	**26**	

TABLE 3

Previous Drilled Holes Relogged

Hole No.	Total Length	No. of Samples	Claim
DDH 36	154.53m	6	Woof 3
DDH 61	122.83m	--	Ford 4
DDH 62	81.38m	--	Ford 4
DDH 63	117.35m	--	Ford 4
DDH 67	79.55m	--	Ford 4
DDH 68	114.30m	2	Ford 4
DDH-88-96	76.20m	--	Ford 1
Total	**746.14m**	**8**	

On the Ford 4 grid the holes were drilled to test the potential along strike and down dip from mineralization located just outside the property boundary.

Drill holes on the Adam-C grid were drilled to test IP anomalies with known, associated, weak base metal mineralization near the contact between sericitic, pyritic felsic volcanics and intermediate volcanics.

Drilling was contracted to LDS Diamond Drilling Ltd., of Kamloops, B.C. Drilling proceeded swiftly and efficiently and core recoveries averaged between 90% and 100%. Drill core is currently stored at Mattey Bros. in Chase, B.C. and will be returned to the property when weather permits.

Selected portions of the core were split and analyzed for 29 elements by ICP (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W) plus gold by A.A. Samples were sent to Acme Analytical Labs Ltd. in Vancouver, B.C. for analysis. Sample locations and lengths are shown on the drill sections for holes drilled in 1990 (Figures 10 to 13) and on drill logs located in Appendix VI for relogged holes. Certificates of analysis for all core samples are located in Appendix III.

A total of 8 samples were collected from old core and 26 samples from the current holes.

A brief description of each hole follows.

A) <u>Old Core - Relogging</u>

1) <u>DDH 36</u>

Hole 36 was drilled on the Adam-C grid to test an IP anomaly (Figure 7).

This hole intersected felsic volcanics consisting of chlorite - sericite phyllite until 32.11 metres. Locally siliceous, cherty-looking sections are present. From 32.11 to 40.20 metres metasediments consisting of intercalated argillite, mudstone and minor tuff are present. The sediments are locally graphitic. The bottom contact of the sediments is a fault zone (40.20 - 40.84m). After the fault intermediate volcanics were intersected until the end of the hole at 154.53 metres. The section from 116.00 - 154.83 metres is hornfelsic and may in part be foliated granodiorite.

The contact zone, metasediments into intermediate volcanics, roughly 37m to 47 metres is weakly mineralized (10-15% total sulphides) with pyrite, chalcopyrite and sphalerite. The section hosted by sediments is sphalerite rich, occurring as discontinuous bands and in fractures; while fracture controlled pyrite - chalcopyrite is present in the intermediate volcanics.

Significant results are as follows:

Sample No.	Interval	Length(m)	Cu(ppm)	Zn(ppm)	Pb(ppm)
20001	37.18 - 38.71m	1.58	536	7515	2949
20002	38.71 - 40.23m	1.52	310	5448	2144
20003	40.23 - 41.27m	1.04	261	3868	181
*Old Sample	41.27 - 42.15m	0.88	0.10%	0.07%	0.01%
20004	42.15 - 44.26m	2.11	990	198	45
*Old Sample	44.26 - 45.26m	1.00	1.03%	0.03%	0.01%
20005	45.26 - 46.30m	1.04	4113	351	25

2) **DDH 61**

Hole 61 was collared in the north central portion of the Ford 4 grid (Figure 6).

Intermediate volcanics with local, narrow, intercalated sediments were intersected throughout the entire 122.83 metre length of the hole. An unit termed a feldspar augen gneiss in the drill log is common. Grid mapping has shown this unit, where less deformed, to be an intermediate volcanic which variably has the appearance of a coarse trachytic textured flow and a feldspar crystal lapilli tuff.

This hole is now believed to have been drilled within the upper thrust sheet. No significant mineralization was intersected.

3) **DDH 62**

Hole 62 was drilled on the Ford 4 grid approximately 200 metres southwest of hole 61 and is a vertical hole. Essentially the same sequence of alternating intermediate tuffs and flows as in hole 61 were intersected. Two differences are noteworthy. First, abundant younger (Tertiary?) mafic dykes are present and secondly, bands of grey chert occur within the volcanics, and form a mappable unit at 71.84 - 73.08 metres. Cherts are most common to the north and have been used to outline the Nikwikwaia synform in that area.

Hole 62 was also drilled within the upper thrust sheet.

4) **DDH 63**

Hole 63 was drilled in the same area as holes 61 and 62, approximately 200 metres southwest of hole 62 (Figure 6). The same sequence of intermediate tuffs to lapilli tuffs and flows were intersected as in holes 61 and 62. The multilithic lapilli tuffs have the same fragments as in the conglomerate in hole FF-90-2 but the matrix is chloritic and tuffaceous. On surface these lapilli tuffs can be seen to grade into the conglomerates. This entire upper thrust slice sequence is thought to represent a transgression from a dominantly volcanic regime to a dominantly sedimentary one (perhaps a basin margin coarse clastic sequence?).

5) DDH 67

Hole 67 is located in the northeast corner of the Ford 4 grid near the property boundary (Figure 5, 6).

This hole collared into foliated to gneissic granodiorite. The granodiorite is medium to coarse grained and strongly invaded by white quartz veins. From 47.53m to the end of the hole at 79.55 metres narrow sections of intermediate volcanics are present which may represent either large xenoliths or intermediate volcanics intruded by dyke swarms of granodiorite near the contact.

Minor lead and zinc are present associated with these intermediate volcanic sections, and with quartz veins. Best results were from an old sample as shown below:

60.93m - 62.18m: 0.05% Cu, 0.47% Pb, 0.34% Zn

6) DDH 68

Hole 68 was collared about 200 metres northeast and 50 metres northwest of hole 67. The hole is off the Ford property but close to the claim boundary (Figure 5).

Hole 68 penetrated intermediate volcanics until 7.38m followed by felsic volcanics until 25.62 metres. Felsic volcanics are greenish/grey in colour, siliceous and sericitic. The interval from 25.62 - 64.73 metres consists of a mixed zone of felsic volcanics and foliated to gneissic granodiorite. Felsic volcanics are increasingly difficult to recognize down hole. From 64.73 metres to the end of the hole at 114.30 metres a mixed zone consisting of intermediate volcanics and granodiorite is present. These mixed zones likely represent a contact zone with the intrusive with the bottom portion of hole 68 equivalent to the bottom portion of hole 67.

Within the intermediate volcanics at the top of the hole, but near the felsic volcanic contact, a mineralized zone is present (4.60 - 5.93 metres). The interval is moderately quartz/carbonate veined and contains disseminated, fracture and vein related and patchy pyrite, sphalerite and galena. Two samples collected yield the following results:

Sample No.	Interval	Length(m)	Cu(ppm)	Pb(ppm)	Zn(ppm)
20007	4.60 - 5.60m	1.00	1636	17043	12285
20008	5.60 - 5.93m	0.33	3804	19909	19307

7) DDH 88-96

Drill hole 88-96 was collared along the main logging road near kilometre 8 (Figure 5). The hole was drilled near the south contact of the felsic volcanics described on the Adam-C grid and is located about 800 metres west of the Adam-C grid as described in this report. The hole was drilled to test an IP anomaly obtained by surveying the main logging road.

Rocks penetrated by this hole alternate between; quartz-sericite phyllite, locally quartz-eyed, and chlorite/sericite phyllite; which may represent intercalated intermediate and felsic (dacite) volcanics. Veined and sheared zones tend to produce siliceous and sericitic rocks, lending difficulty at times to distinguishing felsic volcanics from sheared or veined intermediate volcanics. A strong orange coloured carbonate alteration is present throughout the hole.

This apparent intercalation of units near the contact has not been observed elsewhere. If the rocks are predominantly felsic volcanics to the end of the hole then the prospective felsic-intermediate volcanic contact may not have been tested.

Minor pyrite is present throughout the hole, up to 2% locally, with rare traces of sphalerite and chalcopyrite, however, it is debatable if this is sufficient to explain the IP anomaly.

B) 1990 DRILLING PROGRAM

1) Hole FF-90-1 (Figure 14)

This hole, collared at the northeast end of the Ford 4 grid (Figure 6) was drilled to intersect the strike and dip extension of the horizon hosting mineralization off the property.

Intermediate clastic rocks comprising, tuffs, lapilli tuffs and breccias, were intersected until 94.40 metres. This was followed by dacite (sericite/chlorite phyllite), with intercalated intermediate sections until 126.91 metres. Light green/grey coloured, massive dacite, possibly flows are present from 126.91 to 154.10. A light coloured, quartz-eyed rhyolite is present from 154.10 - 159.74 metres, followed by banded (flow?) dacite. The dacite continues, but coarsens, downhole. The unit becomes intrusive around 281 metres, but a contact could not be discerned. It is not clear how much of the section from 159.74 - 306.93 metres is intrusive rather than dacite.

The target stratigraphy, the intermediate - felsic volcanic contact was intersected, however, no mineralization or significant alteration is present.

One to two percent pyrite is present throughout the hole with local traces of sphalerite or chalcopyrite (usually associated with veins). The mineralization appears insignificant and no samples were collected.

2) <u>Hole FF-90 -2</u> (Figure 15)

Hole FF-90-2 was collared 400 metres southwest of hole FF-90-1 with the purpose being to test the same prospective stratigraphy along strike (Figure 6).

This hole penetrated intermediate tuffs to breccias which become increasingly reworked downhole. The volcanics eventually grade into sediments consisting of, bedded quartz and chert pebble conglomerates, quartzose wackes and local tuff beds. A major fault zone was intersected at 105 - 109 metres.

After the fault the hole again penetrated intermediate tuffs to breccias, followed by conglomerates and wacke's until 168.55 metres where the hole was lost due to binding of the rods in the aforementioned fault.

The fault may represent a thrust (somewhat reactivated as evidenced by local steep dipping gouge and fault breccia zones). In this case the upper portion of the hole may represent a structural repetition of the stratigraphy in the lower portion of the hole. In addition the entire hole is likely within the upper thrust sheet where stratigraphy is not conformable with the target stratigraphy containing felsic volcanics and weak mineralization.

No significant alteration or mineralization were encountered in this hole and no samples were collected.

3) <u>Hole FAC-90-3</u> (Figure 16)

Hole FAC-90-3 was drilled on the Adam-C grid. The hole was drilled to test an IP anomaly and associated weak mineralization exposed along the felsic-intermediate volcanic contact near line 21+50E. Due to topographic constraints the hole could not be collared near the target and had to be drilled from the main logging road above. As a result the drill hole intersected the prospective contact approximately 200 metres downdip.

The hole intersected felsic volcanics (dacite-rhyolite) which are locally fragmental and pyritic, to 176 metres. After 176 metres intermediate volcanics were encountered to 200 metres where a major fault zone was intersected. Below the fault hornfelsic intermediate volcanics were encountered to the end of the hole. The hornfelsic nature likely indicates proximity to the granodiroritic intrusive.

Weak pyrite occurs throughout the felsic sequence, generally $\leq 1\%$, but increases to about 2% in the upper portion of the intermediate volcanics. Minor chalcopyrite is also present here as disseminations and fracture fillings.

Best results include:

1974ppm Cu over 3.0 metres (average)
includes 3613ppm Cu over 1.0 metres

There are no significant zinc or precious metal values. The IP anomaly is likely reflecting increased sulphides up dip from the intercept (towards the surface).

Weak mineralization persists near the intermediate - felsic contact, but has not improved.

4) <u>Hole FAC-90-4</u> (Figure 17)

The second hole (FAC-90-4) was collared about 300 metres west of FAC-90-3 and closer to the intermediate-felsic contact. This hole also tested an IP anomaly associated with the contact.

Predominately felsic volcanics were intersected until 54 metres followed by intermediate volcanics until the end of the hole at 121.01 metres.

This hole differs from FAC-90-3 and DDH 36 in that from 21-28.5 metres intermediate volcanics and graphitic argillite are present followed by a narrow dacitic section then, massive, cherty, non-sericitic rhyolite (flow?) until 54 metres. All rock types between 16 and 32 metres contain about 2% pyrite plus pyrrhotite with local minor sphalerite and chalcopyrite.

The intermediate volcanics and graphitic argillite seem to roughly correspond with stratigraphy observed in DDH 36, 100 metres to the east. The presence of felsic volcanics as well as massive cherty rhyolite rather than sericite schist may be an indication that this rhyolite represents a separate felsic volcanic horizon not observed in holes FAC-90-3 or DDH 36.

Best results include (1) 1365ppm Zn over 1.0 metres;
(2) 2295ppm Cu over 1.0metres.

The 1990 drilling in the Adam-C grid has confirmed weak mineralization near a felsic-intermediate contact but has not found any evidence of improvement.

12. CONCLUSION

Results from the 1990 program were not encouraging.

Geological mapping on the Adam-C grid traced the contacts between the felsic volcanics and surrounding intermediate volcanics. Strongly disseminated pyrite and chalcopyrite were identified in a siliceous sericitic (fault?) zone along the southern contact.

IP coverage was extended in this area to trace the mineralized contact zone eastward. The existing IP anomalies were confirmed and extended across the new lines. Weak copper and zinc soil anomalies were outlined along the IP anomalous southern felsic-intermediate volcanic contact. A soil test across the northern contact as well as an existing IP anomaly did not identify any significant anomalies.

Follow-up in this area consisted of 384.97 metres of diamond drilling in two holes. The target southern contact zone was penetrated with only weak fracture-fill mineralization encountered. The first hole tested the down dip potential of the newly discovered disseminated mineralized zone and associated IP anomaly. The second hole tested an IP anomaly.

Geological mapping on the Ford 4 grid traced the favourable intermedite volcanic-dacite contact southwestward. Mapping also indicated the grid area to be divided into two thrust sheets, the top sheet comprising reworked fragmental volcanics and sediments while the lower, favourable thrust sheet comprising intermediate to felsic volcanics and foliated granodiorite. Only weak, sporadic mineralization was discovered and probably related to the intrusive contact and local shear zones.

Two diamond drill holes totalling 475.48 metres were drilled in the Ford 4 grid area to test the intermediate volcanic-dacite contact. The first hole penetrated this target zone but mineralization was not present. The second hole was lost in a fault zone before reaching the target zone.

Reconnaissance mapping in the northwest and southeast corners of the property as well as the Woolford Creek area did not identify any favourable areas warranting follow-up.

Any follow-up work on the Ford property should be concentrated in the Adam-C grid area.

13. REFERENCES

Jensen, S.J., (1990): Geological Geochemical Assessment Report on the Ford Property

Robinson, C., (1984): Geophysical and Geochemical Report on the Ford Mineral Claims. Assessment Report No. 13400.

Robinson, C., Ord, R., and Burt, P., (1986): Geological, Geochemical and Geophysical report on the Ford Mineral Claims. Assessment Report No. 14359.

Schiarizza, P. and Pieto, V.A., (1987): Geology of the Adams Plateau - Clearwater - Vavenby Area. B.C. Ministry of Energy, Mines and Petroleum Resources; Paper 1987-2.

Spencer, B.E., (1989): Diamond Drilling Assessment Report on the Ford and Woof Claims.

Wojdak, P.J., (1978): Geological and Geochemical Assessment Report on the Beca 5, 6, 7, 8, 10, 11 Mineral Claims. Assessment Report No. 7040.

APPENDIX I
Statement of Qualifications

I, Randy Farmer do hereby certify that:

1) I am a geologist and have practised my profession for more than 10 years.

2) I graduated from Lakehead University in Thunder Bay, Ontario with an Honours Bachelor of Science degree, (Geology), in 1980.

3) I supervised the work on the Ford property and co-authored the report contained herein.

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

5) I hold no personal interest, direct or indirect in the Ford property which is the subject of this report.

Randy Farmer

Randy Farmer
Project Geologist
December, 1990

I, Steve Jensen, do hereby certify that:

1) I am a geologist and have practised my profession for the past four years.

2) I graduated from the University of British Columbia, Vancouver, British Columbia with a Bachelor of Sciences degree in Geology (1987).

3) I was actively involved in the mapping of the Ford property and co-authored the report contained herein.

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

5) I hold no personal interest, direct or indirect, in the Ford property which is the subject of this report.

Steve Jensen
Geologist
December, 1990

APPENDIX II
Cost Statement

FORD PROPERTY

COST STATEMENT

1) <u>Geology</u>

a) **Reconnaissance**
(Including Field Plotting: Aug. 31 - Sept. 13, 1990)

i) Steve Jensen (Geologist) 7 days @ 193.05/day June 22,26, July 12; Aug 8,31, Sept. 6,7, 1990	$1,351.35	
ii) Randy Farmer (Geologist) 5 days @ $250.25/day June 26; July 12; Aug. 8,31; Sept. 7, 1990	1,251.25	
iii) Mike Cumming (Assistant) 3 days @ 121.55/day June 22; July 12; Aug. 8, 1990	364.65	
Subtotal		**$2,967.25**

b) <u>Ford 4 Grid</u>

i) Steve Jensen (Geologist) 4 days @ $193.05/day July 7-14, 1990	$ 772.20	
ii) Randy Farmer (Geologist) 5 days @ $250.25/day July 7-14, 1990	1,251.25	
iii) Mike Cumming (Assistant) 6 days @ $121.55/day July 7-14, 1990	729.30	
Subtotal		**$2,752.75**

c) **Adam-C Grid**

i)	Steve Jensen (Geologist) 6 days @ $193.05/day June 15 - 24, 1990	$1,158.30	
ii)	Randy Farmer (Geologist) 6 days @ $250.25/day June 15 - 24, 1990	1,501.50	
iii)	Mike Cumming (Assistant) 1 day @ 121.55/day June 15 - 24, 1990	121.55	
	Subtotal		**$2,781.35**
	GEOLOGY TOTAL		**$8,501.35**

2) **Soil Survey (Adam-C Grid)**

Mike Cumming (Assistant) 5 days @ $121.55/day June 5, 23, 24, 25, 26, 1990	$ 607.75	
Steve Jensen (Geologist) 2 days @ $193.05/day June 5, 24, 1990	386.10	
Randy Farmer (Geologist) 2 days @ $250.25/day June 5, 24, 1990	500.50	
Subtotal		**$1,494.35**

3) **Analytical**

a)	Rock Chip 43 samples @ $12.25 each (analysed for 29 elements by ICP + Au by AA at Acme Analytical Labs Ltd)	$ 526.75
b)	Soils 84 samples @ $10.10 each (analysed for 29 elements by ICP + Au by AA at Acme Analytical Labs Ltd)	848.40
c)	Core Samples from Relogged Holes 8 samples @ $12.25 each (analysed for 29 elements by ICP + Au by AA at Acme Analytical Labs Ltd)	98.00

d) Drill Core Samples - 1990 Drilling 26 samples @ $12.25 each (analysed for 29 elements by ICP + Au by AA at Acme Analytical Labs Ltd)	318.50	
Subtotal		**$1,791.65**

4) Linecutting

a) 800m IP standard cut lines, Adam-C Grid 2 crew-days @ 728.00/crew-day	$1,456.00	
Materials - flagging, powersaw, etc. (Amex Exploration Services Ltd) July 17 - 18, 1990	118.27	
Subtotal		**$1,574.27**

5) Geophysics

a) 1.6km IP survey, Adam-C Grid 3 days @ $1824.07/day (Scott Geophysics Ltd) Aug 3-6, 1990	$5,472.21	
Subtotal		**$5,472.21**

6) Diamond Drilling

a) Relogging and Sampling of Old Core

1) Steve Jensen (Geologist) 5 days @ $193.05/day June 13 - 20, 1990	$ 965.25	
2) Randy Farmer (Geologist) 5 days @ $250.25/day June 13 - 20, 1990	1,251.25	
3) Mike Cumming 5 days @ $121.55/day June 13 - 20, 1990	607.75	
Subtotal		**$2824.25**

b) 1990 Drill Program

i) Core Logging, Sampling and Supervision

1) Steve Jensen (Geologist) 10 days @ $193.05/day Aug. 19-30, 1990	$1,930.50	

2) Randy Farmer (Geologist)
9 days @ $250.25/day — 2,252.25
Aug. 19-30, 1990

3) Mike Cumming (Assistant)
4 days @ $121.55/day — 486.20
Aug. 19-30, 1990

Subtotal — **$4,668.95**

ii) Contract Diamond Drilling

a) Ford 4 Grid
475.49m @ $49.33/metre — $23,458.71
(LDS Diamond Drilling Ltd)
Aug 19-24, 1990

b) Adam-C Grid
384.96 m @ $52.83/metre — 20,337.27
(LDS Diamond Drilling Ltd)
Aug. 24 - 28, 1990

Subtotal — **$43,795.98**

7) Food and Accomodation

a) Food
$17.00/manday x 90 mandays — $1,530.00
June 5 - Aug. 30, 1990

b) Accomodation
40 days @ $50/day for crew — 2,000.00
June 5 - Aug. 30, 1990

Subtotal — **$3,530.00**

8) Transportation

2 - 4x4 Truck Lease (including fuel, insurance)
40 days @ $50$2,000.00
June 5 - Aug. 30, 1990

Subtotal — **$2,000.00**

9) Report Writing

a) Steve Jensen
2 days @ $193.05/day — $386.10

b) Randy Farmer
4 days @ 250.25/day — 1,001.00

Subtotal — **$1,387.10**

10) Drafting and Typing

a)	Drafting		
	i) Patricia Lammerding		
	20 hrs @ $22.40/hr	$ 448.00	
	Materials	250.00	
	ii) Steve Jensen		
	6 days @ $193.05/day	1,158.30	
b)	Typing		
	2 days @ $100.00/day	200.00	
	Subtotal		**$2,056.30**
	COST TOTAL		**$79,096.41**

COST ALLOCATION

Ford A Group

90 total mandays were spent on the Ford, 40 of which on the Ford A Group.

Therefore, 40/90 = 44% of total cost of common items (food, transportation, reconnaissance geology, etc.) is allocated to the Ford A Group, while services or work performed entirely in the group receive 100% of the total cost.

The following table lists the itemized costs.

ITEM	TOTAL COST ($)	% COST	FORD A GROUP COST ALLOCATION ($)
Geology-Recconnaissance	$2,967.25	44	$1,305.59
Geology-Adam-C	2,781.35	100	2,781.35
Soil Survey-Adam-C	1,494.35	100	1,494.35
Soil Samples	848.40	100	848.40
1990 Drill Core Samples	318.50	100	318.50
Rock Chip Samples	502.25	100	502.25
Linecutting	1,574.27	100	1,574.27
IP Survey	5,472.21	100	5,472.21
Relogging of Old Core	564.85	100	564.85
Core Logging 1990	1,387.10	100	1,387.10
Drilling	20,337.27	100	20,337.27
Food	1,530.00	44	673.20
Accomodation	2,000.00	44	880.00
Transportation	2,000.00	44	880.00
Report Writing	1,387.10	44	610.32
Drafting and Typing	2,056.30	44	904.77
	Ford A Group Subtotal		**$40,534.43**

COST ALLOCATION

Ford B Group

90 total mandays were spent on the Ford, 50 of which on the Ford B Group.

Therefore 50/90 = 56% of total cost of common items (food, transportation, reconnaissance geology, etc.) is allocated to the Ford B Group while services or work performed entirely in the group receive 100% of the total cost.

The following table lists the itemized costs.

ITEM	TOTAL COST ($)	% COST	FORD B GROUP COST ALLOCATION ($)
Geology-Reconnaissance	$2,967.25	56	$661.66
Geology-Ford 4	2,752.75	100	2,752.75
Core Samples - Relogged Holes	98.00	100	98.00
Rock Chip Samples	24.50	100	24.50
Relogging of Old Core	2,259.40	100	2,259.40
Core Logging 1990	3,281.85	100	3,281.85
Drilling	23,458.71	100	23,458.71
Food	1,530.00	56	856.80
Accomodation	2,000.00	56	1,120.00
Transportation	2,000.00	56	1,120.00
Report Writing	1,387.10	56	776.78
Drafting and Typing	2,056.30	56	1,151.53
	Ford B Group Subtotal		**$38,561.98**

FORD A GROUP

Claims Applied	Units	Years Applied	Value ($)
Woof 1	12	2	$4,800.00
Woof 3	20	1	4,000.00
			$8,800.00
	To PAC Account Teck Corporation		**$31,734.43**
	Ford A Group Subtotal		**$40,534.43**

FORD B GROUP

Claims Applied	Units	Years Applied	Value ($)
Ford 2	20	2	$8,000.00
Ford 3	16	1	$3,200.00
Ford 4	16	1	$3,200.00
Ford 5	12	1	$2,400.00
Ford 6	8	2	$3,200.00
Ford 7	10	2	$4,000.00
Woof 2	16	2	$ 6400.00
			$30,400.00
	To PAC Account Teck Corporation		**$30,400.00**
	Ford B Group Subtotal		**$38,561.98**
		TOTAL	**$79,096.41**

APPENDIX III

Certificate of Analysis

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

"PREVIOUS DRILL CORE" SAMPLES

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1381/1382 File # 90-1918

960-175 2nd Ave, Kamloops BC V2C 5W1 Submitted by: R. FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
C 20001	8	536	2949	7515	.9	56	23	2775	6.31	56	5	ND	2	75	22.9	2	2	115	1.13	.065	4	51	2.86	77	.02	2	3.54	.01	.17	1	19
C 20002	18	310	2144	5448	1.3	76	21	2539	5.34	253	5	ND	3	90	18.5	2	3	133	1.32	.059	5	44	2.68	79	.02	4	3.14	.01	.21	1	10
C 20003	7	261	181	3868	.8	39	18	4603	5.34	173	5	ND	2	196	13.7	2	2	82	3.25	.059	5	31	2.74	110	.03	4	2.89	.01	.33	1	10
C 20004	4	990	45	198	.3	4	15	1623	7.22	22	5	ND	5	34	.4	2	3	4	.39	.054	7	4	1.42	132	.03	3	2.39	.01	.29	1	7
C 20005	4	4113	25	351	1.8	9	21	2432	10.04	42	5	ND	4	30	2.3	4	5	24	.34	.072	5	7	2.03	101	.05	4	3.51	.01	.37	1	80
C 20006	1	576	12	231	.5	16	21	2603	10.00	13	5	ND	3	28	1.4	3	2	43	.29	.064	5	14	2.23	135	.09	2	3.83	.01	.47	1	12
C 20007	1	1636	17043 ✓	12285 ✓	9.5	4	15	801	7.87	61	5	ND	8	16	35.9	9	2	9	.62	.024	5	9	1.91	58	.01	2	2.28	.01	.12	2	22
C 20008	1	3804	19909 ✓	19307 ✓	22.4	4	7	1557	8.95	60	5	ND	8	55	75.6	9	21	16	1.84	.016	4	15	2.84	21	.03	2	3.22	.01	.06	3	33

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 21 1990 DATE REPORT MAILED: June 26/90. SIGNED BY C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

ROCK SAMPLES

Teck Exploration (BC) PROJECT 1381 FILE # 90-2127

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
C 20009	1	16	8	21	.1	4	4	1156	1.41	4	5	ND	14	17	.2	3	2	3	.20	.025	33	5	.41	134	.01	6	.74	.02	.29	1	1
C 20010	1	47	31	86	.1	1	8	790	3.81	6	5	ND	7	27	.5	2	2	5	.20	.084	15	2	.60	292	.08	2	1.15	.01	.56	1	4
C 20011	1	75	25	79	.1	3	7	1161	4.50	2	5	ND	4	37	.6	3	4	9	.48	.117	11	2	.93	607	.24	2	1.76	.02	1.06	1	14
C 20012	1	79	38	81	.1	2	7	1260	3.54	4	5	ND	5	35	.4	2	2	6	.45	.110	12	3	.77	478	.14	2	1.43	.01	.79	1	1
C 20013	1	84	49	123	.1	3	10	1121	3.89	6	5	ND	5	40	.9	2	2	7	.81	.113	13	3	.81	479	.14	4	1.49	.01	.73	1	12
C 20014	2	140	65	149	.2	1	15	1348	4.53	11	5	ND	5	40	.9	2	2	10	.47	.126	16	3	.98	560	.13	4	1.67	.01	.70	1	5
C 20015	1	78	69	90	.1	1	12	766	3.66	6	5	ND	7	39	.3	2	2	7	.35	.119	16	2	.81	474	.15	2	1.54	.01	.80	1	3
C 20016	1	130	47	149	.1	2	10	903	3.59	7	5	ND	5	29	.8	2	2	7	.30	.103	16	3	.67	441	.13	2	1.36	.01	.74	1	7
C 20017	1	62	89	224	.1	1	11	1081	3.54	9	5	ND	5	25	1.2	2	5	7	.33	.109	14	2	.75	501	.17	5	1.44	.01	.84	1	8
C 20018	1	51	47	482	.1	4	6	1380	2.82	2	5	ND	6	42	1.1	2	2	6	.71	.112	20	3	.92	413	.11	2	1.36	.01	.71	1	2
C 20019	4	178	152	829	.9	3	20	1920	10.99	57	5	ND	10	6	4.9	2	2	14	.02	.022	4	1	2.34	65	.02	2	3.02	.01	.16	1	48
C 20020	3	65	77	149	.1	1	6	713	5.75	40	5	ND	10	13	.2	2	2	6	.08	.028	11	6	.83	104	.02	2	1.26	.02	.27	1	27
C 20021	3	8982	52	322	17.6	3	3	1031	7.93	58	6	ND	4	7	.9	2	2	1	.08	.029	4	1	.69	37	.01	5	1.38	.01	.20	1	205
C 20022	1	143	27	177	.1	1	10	1503	6.13	3	5	ND	6	37	1.0	2	2	7	.91	.113	18	2	1.24	61	.03	7	2.40	.02	.21	1	9
C 20023	63	1444	38	82	1.4	7	79	587	9.14	104	5	ND	9	29	1.6	2	2	11	.54	.102	35	1	.77	43	.02	2	1.59	.01	.26	1	23
STANDARD C/AU-R	18	57	39	132	7.1	68	28	1031	4.04	39	21	6	36	48	18.3	15	21	55	.52	.095	37	57	.92	175	.07	34	1.93	.06	.14	11	474

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ROCK SAMPLES

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1370 File # 90-3010

960 - 175 - 2nd Ave, Kamloops BC V2C 5W1 Submitted by: R. FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
C 20024	2	37	108	102	.5	6	13	643	7.80	111	5	ND	9	22	.3	2	2	37	.33	.078	8	11	.96	37	.06	2	1.25	.03	.12	1	2
C 20025	1	69	28	88	.6	5	9	373	4.75	6	5	ND	8	27	.2	2	2	44	.48	.138	15	5	.67	42	.08	4	.93	.06	.03	1	1

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

[1990 DRILL SAMPLES] **Teck Exploration (BC) PROJECT 1381** File # 90-4066

960 - 175 - 2nd Ave, Kamloops BC V2C 5W1

SAMPLE#		Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
C 20026		2	243	6	97	.2	4	11	2394	6.14	2	5	ND	9	179	.2	5	2	14	3.57	.039	15	9	1.54	80	.02	4	1.89	.02	.28	1	5
C 20027		4	231	3	76	.3	6	10	1600	4.67	2	5	ND	13	132	.2	4	3	14	2.42	.043	26	11	1.20	109	.02	2	1.62	.02	.27	1	14
C 20028		1	118	2	78	.1	4	11	1565	4.37	2	5	ND	12	114	.2	2	2	12	1.93	.039	28	8	.96	124	.01	3	1.58	.02	.24	1	3
C 20029		5	3613	3	160	1.0	6	22	1497	7.96	6	5	ND	12	65	.4	7	2	14	1.00	.037	23	19	1.31	115	.01	2	2.48	.01	.21	1	19
C 20030		6	1192	5	72	.3	1	8	1508	3.79	4	5	ND	14	168	.2	2	2	3	2.30	.031	31	5	.68	145	.01	2	1.28	.02	.21	1	8
C 20031		4	1118	3	108	.2	5	10	1242	4.92	4	5	ND	11	86	.2	3	2	12	1.35	.037	27	9	.98	153	.02	2	1.79	.02	.24	1	6
C 20032		5	258	5	98	.1	3	11	1045	4.94	4	5	ND	11	73	.2	2	2	20	1.25	.040	31	11	1.11	149	.03	2	1.92	.02	.26	2	1
C 20033		5	143	5	52	.1	3	8	1457	3.48	2	5	ND	14	103	.2	3	2	3	1.89	.043	31	7	.94	141	.03	2	1.44	.02	.33	1	1
C 20034	FAC-90-3	2	30	2	62	.1	1	6	1034	4.77	2	5	ND	10	73	.2	2	2	4	1.31	.113	27	8	1.39	128	.02	2	2.16	.01	.30	1	1
C 20035		2	123	15	73	.1	1	11	1943	5.55	2	5	ND	9	102	.2	2	2	5	2.30	.112	19	10	1.69	114	.03	2	2.23	.01	.42	1	1
C 20036		2	94	11	78	.1	1	9	1993	5.57	2	5	ND	10	96	.2	4	2	5	2.17	.111	24	7	1.71	113	.03	6	2.35	.01	.39	1	3
C 20037		2	38	4	79	.1	1	7	1578	5.41	2	5	ND	10	95	.2	2	2	4	1.80	.113	27	8	1.51	127	.03	2	2.24	.01	.36	1	4
C 20038		3	65	5	80	.1	2	11	1571	5.78	2	5	ND	11	128	.2	2	2	5	2.22	.125	34	8	1.68	142	.03	2	2.30	.01	.43	1	1
C 20039		4	41	8	57	.1	2	9	1032	3.96	2	5	ND	12	97	.2	2	2	7	1.52	.088	35	6	1.07	109	.04	2	1.57	.02	.34	2	5
C 20040		6	65	12	30	.2	3	14	1155	2.85	5	5	ND	17	99	.2	2	2	2	1.71	.035	41	7	.68	134	.03	2	1.01	.02	.39	2	8
C 20041		3	75	3	31	.1	1	8	954	2.46	2	5	ND	17	76	.2	2	3	2	1.40	.034	31	6	.61	112	.03	2	.97	.02	.35	2	1
C 20042		3	249	2	35	.1	2	5	1035	2.49	2	5	ND	16	90	.2	2	3	1	1.66	.025	33	5	.58	125	.03	2	.95	.01	.37	1	1
C 20043		2	571	2	50	.1	1	7	1295	3.21	2	5	ND	14	114	.2	2	2	6	2.04	.060	33	6	.79	163	.04	2	1.15	.01	.51	1	9
C 20044		2	141	8	663	.1	9	7	1508	3.51	2	5	ND	8	90	2.1	2	2	7	1.19	.042	16	14	1.20	72	.01	2	1.30	.02	.18	1	1
C 20045		1	30	36	256	.1	6	6	1258	2.51	2	5	ND	11	73	.6	2	2	5	1.02	.027	23	13	.92	78	.01	2	1.03	.02	.17	1	2
C 20046		1	77	165	418	.1	5	6	1793	2.49	2	5	ND	12	113	1.4	2	3	6	1.54	.026	21	8	.94	67	.01	3	.80	.03	.18	1	1
C 20047	FAC-90-4	1	108	21	938	.1	5	8	1613	3.04	2	5	ND	12	97	3.4	2	2	7	1.26	.031	20	9	1.03	71	.01	2	1.01	.03	.13	1	1
C 20048		2	104	5	613	.1	8	6	1597	2.99	2	5	ND	11	84	2.0	2	2	8	1.33	.032	18	11	1.27	58	.01	2	1.12	.02	.11	1	3
C 20049		3	96	95	1364	.2	1	4	2039	4.10	24	5	ND	5	40	2.7	2	2	1	.56	.052	7	5	.69	65	.02	2	.81	.01	.39	1	9
C 20050		3	2295	77	368	1.2	1	5	2170	4.48	22	5	ND	4	54	.6	2	2	1	.76	.050	8	4	.71	59	.03	3	.90	.01	.43	1	13
C 20051		3	447	72	120	.6	3	8	1840	4.48	20	5	ND	5	39	.2	2	2	1	.53	.053	9	6	.68	69	.04	4	.87	.01	.47	1	9
STANDARD C/AU-R		19	60	42	133	7.2	72	31	1053	3.98	41	16	7	39	52	18.9	15	21	56	.51	.094	39	60	.91	182	.07	34	1.88	.06	.14	11	483

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 4 1990 DATE REPORT MAILED: Sept 7/90. SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ADAM-C GRID
SOILS

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1381 File # 90-1708 Page 1

960-175 2nd Ave, Kamloops BC V2C 5W1 Submitted by: R. FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
51501	1	52	33	164	.1	13	8	448	2.70	2	5	ND	6	35	.2	2	2	22	.28	.033	22	14	.45	162	.08	2	2.93	.02	.15	1	1
51502	1	28	20	150	.3	12	7	440	2.13	6	5	ND	5	30	.2	2	2	21	.33	.129	12	12	.40	147	.06	2	2.36	.02	.10	2	2
51503	1	22	19	220	.5	16	6	416	2.10	12	5	ND	5	24	.2	2	2	22	.26	.078	14	13	.31	139	.11	5	2.86	.02	.10	1	8
51504	1	18	25	225	.2	12	7	402	2.07	2	5	ND	5	27	.2	2	2	21	.26	.034	15	12	.32	125	.07	4	1.97	.02	.15	1	1
51505	1	45	44	115	.1	8	7	250	2.62	5	5	ND	11	15	.2	2	2	18	.15	.017	33	14	.47	75	.04	3	1.19	.01	.13	1	2
51506	1	385	80	315	.5	12	10	709	3.63	6	5	ND	10	34	.3	2	2	25	.27	.070	20	13	.61	310	.15	3	3.80	.02	.23	2	4
51507	1	46	35	163	.3	11	8	450	2.70	2	5	ND	7	25	.2	2	2	25	.24	.050	19	15	.50	133	.06	4	2.00	.02	.18	1	1
51508	1	48	24	87	.2	18	9	379	3.11	2	5	ND	10	18	.2	2	2	29	.19	.017	28	29	.85	63	.07	4	1.67	.01	.19	1	1
51509	1	24	24	87	.1	23	11	430	3.04	2	5	ND	6	19	.2	2	2	30	.26	.019	14	32	.77	65	.06	2	1.81	.01	.15	1	1
51510	1	30	16	135	.1	22	9	340	2.42	5	5	ND	5	18	.2	2	2	25	.19	.073	12	24	.57	129	.07	4	1.94	.02	.12	1	2
51511	1	127	92	238	.5	76	22	1034	5.70	15	5	ND	12	30	.3	2	2	61	.44	.073	25	106	2.03	93	.09	2	3.06	.01	.27	1	5
51513	1	26	32	183	.4	13	7	879	2.29	2	5	ND	6	27	.2	2	2	25	.24	.136	12	15	.38	119	.07	2	2.03	.02	.13	1	15
51514	1	54	76	179	.7	8	6	411	2.65	7	5	ND	7	30	.2	2	2	17	.23	.042	20	10	.40	127	.05	2	1.63	.01	.16	1	4
51515	2	127	53	219	.3	10	8	617	3.75	15	5	ND	10	29	.2	2	2	20	.34	.035	20	15	.77	141	.09	3	1.87	.01	.25	1	2
51516	1	108	35	224	.1	10	8	692	3.31	13	5	ND	7	36	.2	2	2	25	.28	.053	13	9	.57	160	.08	2	2.85	.02	.20	1	13
51517	1	118	37	252	.6	12	7	341	2.62	17	5	ND	7	45	.2	2	2	17	.30	.124	14	10	.38	129	.13	3	3.78	.03	.14	1	2
51518	1	93	133	721	.3	19	9	671	3.48	11	5	ND	6	41	.4	2	2	28	.26	.093	17	15	.69	177	.08	3	2.64	.02	.19	1	4
51519	1	39	75	325	.2	11	6	615	2.07	10	5	ND	5	38	.7	2	2	17	.26	.083	13	8	.23	88	.12	2	2.65	.02	.11	3	1
51520	1	23	49	343	.3	8	7	460	2.33	6	5	ND	4	41	.2	2	2	25	.29	.061	9	7	.29	95	.08	2	1.81	.03	.13	1	2
51521	1	35	26	156	.1	8	7	454	2.56	8	5	ND	7	29	.2	2	2	20	.22	.041	24	10	.44	96	.04	2	1.61	.01	.19	1	3
STANDARD C/AU-S	18	59	37	131	7.2	72	30	1043	3.91	44	17	7	39	52	19.6	15	17	59	.50	.089	40	60	.91	186	.09	32	1.93	.05	.13	11	54

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 Soil P2 Moss Mat AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 12 1990 DATE REPORT MAILED: June 18/90. SIGNED BY C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ADAM-C
MOSS MAT

Teck Exploration (BC) PROJECT 1381 FILE # 90-1708 Page 2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
51512	2	91	50	282	.3	19	13	1020	3.69	6	5	ND	8	53	.8	2	2	28	.88	.067	27	27	.93	84	.05	8	1.88	.01	.33	1	10

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ADAM-C GRID
SOILS

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1381 File # 90-2127 Page 1

960 - 175 - 2nd Ave, Kamloops BC V2C 5W1 Submitted by: R. FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
51522	1	34	29	319	.2	18	9	1763	2.79	8	5	ND	7	30	1.3	2	2	24	.32	.100	17	20	.64	181	.04	3	1.39	.01	.19	1	4
51523	1	46	20	104	.2	8	8	402	2.89	6	6	ND	10	14	.2	2	2	24	.21	.054	24	13	.72	40	.05	3	1.30	.01	.18	1	1
51524	1	49	36	115	.1	33	14	588	3.87	2	5	ND	8	14	.2	3	2	42	.27	.046	21	48	1.31	48	.08	2	1.89	.01	.17	1	2
51525	1	48	32	185	.2	15	9	578	3.08	10	5	ND	9	15	.3	2	2	25	.19	.025	27	20	.79	52	.05	2	1.38	.01	.17	1	1
51527	1	33	39	322	.3	9	7	371	2.55	7	8	ND	9	26	.2	2	2	20	.23	.116	20	10	.41	91	.04	3	1.66	.01	.18	1	2
51528	1	14	25	277	.1	7	6	1072	2.25	4	5	ND	4	33	.5	2	2	24	.40	.080	12	9	.28	120	.05	4	1.51	.02	.15	1	1
51529	1	14	13	94	.4	8	3	292	1.25	8	5	ND	4	29	.2	2	2	13	.35	.105	8	5	.16	69	.08	5	1.99	.04	.10	2	1
51530	2	23	21	147	.2	6	6	1957	2.36	12	5	ND	8	48	.3	2	2	17	.59	.070	22	8	.27	215	.03	5	1.71	.01	.24	1	5
51531	1	19	24	216	.1	8	6	1333	2.31	2	5	ND	4	24	.4	3	2	22	.27	.032	15	10	.38	148	.05	5	1.73	.01	.18	1	2
51533	1	58	568	559	.5	9	10	851	3.06	7	5	ND	7	36	.5	2	2	27	.48	.040	18	11	.44	84	.05	5	2.21	.02	.17	1	6
51534	1	38	35	201	.2	9	8	682	2.74	2	5	ND	8	22	.2	2	2	23	.27	.045	23	11	.48	95	.05	4	1.86	.02	.23	1	4
51535	1	11	12	112	.6	7	3	392	1.40	7	5	ND	5	29	.2	2	2	13	.26	.094	10	5	.16	85	.07	5	1.91	.03	.11	1	4
51536	1	86	50	248	.3	14	6	449	2.99	6	5	ND	9	44	.3	3	2	20	.50	.030	28	12	.33	195	.11	4	4.18	.03	.20	1	2
51537	1	43	33	263	.3	8	8	583	2.87	2	6	ND	9	31	.6	2	2	26	.46	.019	21	13	.55	93	.05	4	1.82	.02	.19	1	1
51539	1	23	21	135	.1	10	9	445	2.83	9	5	ND	8	19	.3	2	2	26	.23	.066	20	19	.76	63	.03	3	1.52	.01	.15	1	3
51540	1	30	118	507	.1	8	8	1086	3.33	13	5	ND	13	19	.4	3	2	16	.24	.062	30	10	.82	63	.03	3	1.38	.01	.20	1	1
51542	1	31	24	109	.3	11	8	314	2.82	4	5	ND	8	19	.2	2	2	26	.19	.022	18	15	.68	108	.06	2	2.12	.02	.16	1	1
51544	1	23	21	192	.2	9	7	602	2.22	3	5	ND	6	24	.2	2	2	19	.29	.054	17	9	.39	154	.05	4	1.73	.01	.18	1	4
51545	1	18	18	121	.2	13	8	439	2.56	2	5	ND	6	22	.2	2	2	22	.25	.065	15	16	.61	117	.05	3	1.73	.01	.18	1	4
51546	1	33	29	183	.1	41	14	819	3.63	2	5	ND	6	38	.4	2	2	39	.42	.115	15	46	1.04	149	.07	3	2.09	.01	.19	1	1
51547	1	28	20	162	.3	14	7	903	2.30	7	5	ND	4	27	.4	2	2	22	.29	.150	14	14	.45	136	.05	3	1.80	.02	.13	1	1
51548	1	57	35	153	.4	23	12	1002	3.38	7	5	ND	2	30	.4	3	2	32	.38	.182	18	31	.88	105	.04	3	1.84	.01	.14	1	1
51549	1	122	57	306	.4	11	12	995	3.86	11	5	ND	7	54	.6	3	2	21	.49	.117	16	11	.67	320	.09	3	2.52	.02	.38	1	3
51550	1	39	31	187	.1	9	8	1317	2.68	5	5	ND	8	31	.4	2	2	22	.30	.052	21	12	.53	163	.04	4	1.64	.01	.24	1	4
51551	1	20	18	68	.1	7	8	252	2.57	2	5	ND	8	11	.2	2	2	20	.14	.015	22	12	.63	51	.04	3	1.34	.01	.13	1	2
51552	1	13	17	110	.1	9	7	589	2.34	2	5	ND	5	21	.2	2	2	21	.23	.029	13	12	.51	98	.04	3	1.53	.01	.16	1	4
51553	1	13	19	195	.1	10	7	542	2.26	4	5	ND	4	20	.2	2	2	22	.20	.065	14	12	.46	107	.04	3	1.47	.01	.12	1	4
51554	1	33	21	125	.1	7	7	314	2.65	5	5	ND	9	15	.2	2	2	19	.17	.033	24	10	.58	63	.04	2	1.21	.01	.24	1	1
51555	1	35	38	86	.1	8	9	360	3.02	8	5	ND	9	12	.2	2	2	27	.15	.018	23	18	.87	46	.04	2	1.51	.01	.18	1	3
51556	1	18	22	124	.2	8	7	471	2.45	2	5	ND	7	14	.2	2	2	20	.15	.028	18	13	.52	89	.05	2	1.43	.01	.20	1	1
51557	1	20	20	155	.2	15	8	616	2.47	2	5	ND	5	21	.2	2	2	26	.23	.082	13	16	.46	143	.06	3	1.95	.02	.14	1	1
51558	1	16	26	167	.3	19	9	600	2.63	7	5	ND	5	29	.2	2	2	27	.33	.086	13	19	.53	144	.06	4	2.18	.02	.17	1	1
51559	1	18	19	127	.1	19	8	553	2.43	4	5	ND	4	23	.2	2	2	31	.27	.114	11	20	.49	69	.06	4	1.88	.02	.11	1	1
51560	1	30	30	175	.1	23	12	1458	3.15	2	5	ND	5	20	.5	3	2	31	.25	.073	17	28	.81	137	.05	4	1.83	.01	.13	1	1
51561	1	65	48	134	.2	20	11	610	3.95	4	6	ND	10	18	.3	3	2	40	.23	.035	29	34	1.21	76	.06	2	2.14	.01	.21	1	2
51562	1	22	24	173	.4	8	7	635	2.49	2	5	ND	7	24	.4	2	2	22	.22	.064	19	13	.51	142	.04	8	1.56	.01	.20	1	1
STANDARD C/AU-S	17	58	36	132	7.6	68	28	1007	3.91	41	23	7	38	48	18.5	16	19	61	.50	.096	38	56	.92	179	.08	33	1.91	.06	.14	13	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 Soil P3 Moss Mat P4 Rock AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 29 1990 DATE REPORT MAILED: July 7/90. SIGNED BY......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ADAM-C SOILS **Teck Exploration (BC) PROJECT 1381 FILE # 90-2127**

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
51563	2	90	53	322	.3	11	11	879	3.23	6	5	ND	4	34	.9	3	2	24	.30	.080	13	12	.44	151	.07	4	2.64	.02	.14	2	11
51564	1	24	29	187	.2	9	8	702	2.41	5	5	ND	4	21	.2	2	2	22	.22	.061	14	12	.37	165	.05	6	1.96	.01	.13	2	6
51565	1	17	29	218	.2	6	7	984	2.16	2	5	ND	3	15	.3	2	3	20	.13	.036	14	11	.29	133	.04	4	1.48	.01	.11	1	8
51566	1	26	24	208	.1	12	9	616	2.58	2	5	ND	5	18	1.3	2	2	24	.24	.090	16	13	.41	116	.05	5	1.83	.02	.17	1	9
51567	1	24	23	129	.1	10	9	485	2.59	2	5	ND	5	16	.3	2	2	23	.21	.040	15	15	.52	94	.04	5	1.59	.01	.12	2	4
51568	1	31	27	154	.1	8	10	649	2.87	2	5	ND	6	25	.2	2	2	23	.27	.084	18	15	.58	107	.04	3	1.54	.01	.17	2	17
51569	1	30	21	258	.1	8	9	1084	2.72	2	5	ND	7	26	1.3	2	2	20	.18	.107	21	12	.50	155	.04	8	1.49	.01	.19	1	1
C L16E 4+25S	1	20	47	254	.2	13	7	1369	2.17	6	5	ND	3	41	.5	2	2	24	.36	.072	12	12	.27	200	.07	4	2.11	.02	.09	1	1
C L16E 4+38S	1	16	26	186	.1	9	6	1416	1.86	2	5	ND	2	33	1.2	2	2	21	.30	.092	11	9	.21	191	.07	4	2.05	.03	.08	2	4
C L16E 4+50S	1	15	18	259	.1	8	6	1900	1.88	4	5	ND	2	29	.6	2	2	21	.24	.116	10	10	.23	220	.05	9	1.63	.02	.09	1	1
C L16E 4+63S	1	25	20	224	.1	10	6	1236	2.20	2	5	ND	3	23	.5	2	3	29	.22	.105	10	11	.24	120	.08	6	2.15	.02	.08	1	6
C L16E 4+75S	1	30	42	323	.2	14	8	1269	2.40	2	5	ND	4	28	.7	2	2	22	.25	.101	14	13	.32	219	.07	3	2.60	.02	.12	1	8
C L16E 4+88S	1	19	24	304	.2	9	6	2226	1.61	2	5	ND	2	44	.5	2	2	20	.43	.077	9	9	.18	181	.07	7	1.99	.03	.10	1	4
C L16E 5+25S	1	35	44	246	.1	16	8	815	2.51	8	5	ND	4	25	.8	2	3	25	.21	.086	17	15	.34	152	.07	9	2.78	.02	.13	1	3
C L16E 5+38S	1	33	31	164	.1	15	8	804	2.59	5	5	ND	4	28	.9	2	2	26	.26	.104	15	15	.33	142	.09	6	3.17	.02	.09	1	4
C L18E 2+25S	1	29	22	65	.4	10	7	176	2.64	2	5	ND	4	22	.5	2	2	31	.25	.080	6	11	.19	81	.19	4	5.51	.03	.05	2	4
C L18E 2+38S	1	418	18	151	.2	17	10	460	3.49	2	5	ND	7	31	.6	2	2	35	.33	.061	18	21	.47	141	.09	4	3.15	.02	.10	1	1
C L18E 2+50S	1	108	34	606	.1	11	8	327	2.77	2	5	ND	6	22	.8	2	2	28	.25	.102	16	13	.28	103	.15	3	5.00	.02	.06	2	1
C L18E 2+63S	1	72	25	150	.2	14	8	215	2.83	3	5	ND	8	28	.6	2	2	29	.26	.107	15	13	.30	126	.17	5	5.62	.03	.08	1	1
C L18E 2+75S	1	50	29	150	.3	13	9	726	2.74	2	7	ND	6	33	.7	2	2	27	.35	.121	13	12	.29	152	.11	6	3.99	.03	.08	1	1
STANDARD C/AU-S	18	62	45	132	7.2	71	30	1030	4.08	38	23	7	36	47	18.5	16	18	58	.52	.099	35	57	.92	177	.07	37	1.92	.06	.14	11	56

MOSS MATS **Teck Exploration (BC) PROJECT 1381 FILE # 90-2127**

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
51526	1	88	60	244	.2	16	14	981	3.72	4	5	ND	8	35	.3	3	2	26	.68	.070	25	22	.77	64	.05	5	1.54	.01	.17	2	1
51538	1	185	18	269	.3	6	6	604	1.75	2	5	ND	1	106	1.3	2	2	12	7.53	.090	12	9	.40	38	.02	8	.94	.01	.25	1	1
51541	1	84	38	245	.2	19	12	950	3.50	2	5	ND	8	36	.2	3	2	25	.87	.064	23	21	.79	63	.04	4	1.51	.01	.20	1	3
51543	1	82	48	236	.1	15	12	930	3.56	6	5	ND	7	37	.9	2	2	25	.63	.067	22	21	.80	54	.04	5	1.51	.01	.21	1	4

APPENDIX IV

Analytical Procedures

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C., Canada V6A 1R6
Telephone: (604) 253-3158 Fax: (604) 253-1716

ICP - 0.5 gram sample is digested with 3 ml 3-1-2 HCL-HNO3-H2O at 95 deg.C for one hour and is diluted to 10 ml with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K, Al.

GOLD & SILVER BY FIRE ASSAY

1/2 A.T. samples is mix in dry reagent flux with 1 Ag inquart and fused at 1000 deg C for 45 to 60 mins. The resulting Ag bead from cupellation is dissolved in aqua-regia. Au and Ag are analyzed by ICP.

- For Au > .5 oz/t, determination by gravimetric finished.
- Wet acid leached for Ag is also ran for confirmation. (procedure same as below).

ASSAY FOR CU, PB, ZN AND AG

In 100 ml volumetric flask, 1 g sample is digested in 50 ml 3-1-2 HCL-HNO3-H2O at 95 deg C for one hour, dilute to 100 ml with demineralized water, analysis by ICP.

APPENDIX V
Rock Sample Descriptions

Rock Sample Descriptions

Sample Location No.	Comment	Description
20009	Series of continuous chips down through hand trench, 20018 ≈ 5-8 metres west of line L20+00E (Adam-C grid). 20009 top sample (≈ 6+10S) and 20018 bottom sample (≈ 6+30S). Series of chips cut across the felsic volcanic (sericite schist) - intermediate volcanic contact.	
20009	1.0m chip through sericite schist, no observed mineralization, weak chlorite.	
20010	1.0m chip through sericite schist, grades to argillaceous intermediate towards bottom, weakly limonitic.	
20011	1.0m chip through argillaceous intermediate, minor pyrite, trace sphalerite?, locally rusty.	
20012	1.0m chip through argillaceous sediments, minor pyrite, moderate manganese and quartz veins.	
20013	1.0m chip through argillaceous intermediate, minor pyrite, moderate manganese.	
20014	Same as 20013 plus no manganese.	
20015	Same as 20014.	
20016	0.6m chip through argillaceous intermediate, more sedimentary? (finer grained) than 20018, 19, minor pyrite, moderate manganese.	
20017	2.0m chip through argillaceous intermediate, minor pyrite, manganese and hematite.	
20018	2.2m chip through argillaceous intermediate with local shaley to argillite bands, bottom 20cm is shale, minor quartz veinlets and quartz 'eyes', minor pyrite, rare trace sphalerite.	
20019	Adam-C grid ≈ 20+80E, 5+90S	Grab of pyrite rich (30% intermediate phyllite in hand dug pit, chloritic, moderately rust, gossanish.
20020	Adam-C grid ≈ 20+80E, 5+90S	Grab of strongly, weathered (gossanish) intermediate, weakly argillaceous, pyritic,just below 20019.
20021	Adam-C grid ≈ 21+30E, 6+00S (long main creek)	Grab of pyrite rich (5%) intermediate volcanic, moderate chalcopyrite (≈ 1%), possible trace sphalerite, moderately rusty.
20022	Woolford Crk. Area ≈ 25 m NW road from L74E	Grab of intermediate volcanic, weakly pyritic, possible trace sphalerite.
20023	Woolford Crk. Area ≈ 50 m NW road from L76E	0.9m chip across "showing" in intermediate volcanic, weak fracture controlled pyrite, malachite, trace chalcopyrite ?, hydrozincite.
20024	Northern claim area (Ford 415 claim boundary)	Grab of pyrite rich (5%) intermediate volcanic, weakly siliceous, possible trace sphalerite, weakly rusty.
20025	Same as 20024.	

APPENDIX VI
Diamond Drill Logs

TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

HOLE No. FF-90-1

COMPANY LDS DIAMOND DRILLING
PROJECT 1381
PROPERTY FORD

NTS 82M/4
CLAIM FORD 4
ELEVATION 1839 m
GRID COORD. L2+00N, 3+00W
NORTHING
EASTING

DATE : COLLARED Aug. 19, 1990
: COMPLETED Aug. 22, 1990
: LOGGED Aug. 22-26, 1990

LOGGED BY : SJ/RF
CORE SIZE : NQ

DEPTH	DIP	AZ.
Collar	-50	135
(ss)14.94m	-50	128
(ss)149.09m	-50	133
(ss)301.52m	-45	142

LENGTH : 306.93m
DEPTH OF OVB : 5.49 m
CASING REMAINING 6.40 m
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
0-6.40		Casing										
		0-5.49 - overburden consisting of volcanic breccia boulders, cobbles										
6.40-14.60		Intermediate Volcanic Breccia		Fol. 80° (local variations)		Weak Epidote - fracture fill, veins	Weak pyrite - fracture fill, buckshot disseminated					
		- consists of volcanic fragments - mostly lithic with some crystal (feldspar) fragments				Moderate sericite (wispy) on fragments		NO SAMPLING !!!				
		- fragments predominantly light colored (felsic?)										
		- white, light grey to buffy - with minor dark (dark green to black) volcanic and sedimentary? clasts and quartz fragments				Moderate chlorite (matrx)						
		- most clasts moderately to strongly sericitized and smeared (deformed) along foliation										
		- clast size ranges from lapilli to breccia with original size difficult to interpret due to deformation										
		- clasts compose approximately 40-80% of rock (again difficult to tell)										
		- matrix - fine grained, chlorite rich intermediate										
		- clasts commonly strongly calcareous										
		- local folding, kink banding evident										
		- local zones with roundish quartz fragments possibly indicating more reworking										

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		12.04 - 12.70 - strongly calcareous, fine grained intermediate with bands of light and dark gray (argillaceous) material					1-2% pyrite fracture fill, buckshot					
		12.70 - 14.60 - strong quartz/carbonate veins (repeating vein almost parallel to core) - variable foliation - still has intermediate volcanic breccia appearance - lower contact very gradational										
14.60-63.00		Interbedded Intermediate Volcanic Breccia, Lapilli and Fine Grained Tuffs		Fol. 80°								
		- same as 6.40 - 14.60 plus: - local fine grained intermediate zones (interbeds) - fine grained zones variably display a transposed bedding appearance - also has banded appearance most likely due to smearing of fragments. - moderate carbonate veins/veinlets up to 3cm common with variably fragmentated stages - some fine grained zones have appearance (somewhat granular) of being a mafic dyke although contacts gradational				Moderate epidote Fracture fill, veins Moderate sericite (wisps, bands - on fragments)	Weak Pyrite, fracture fill, buckshot disseminated Local 1-2% bands (fracture fill) of pyrite					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		31.00 - 37.00 - abundant roundish to ellipsoid fragments of quartz - only weakly deformed - most likely fragmentated veins - indicates stronger reworking? - displays a chlorite pressure shadow (strain shadow) texture.		Fol. 90° @ 37m								
		38.78 - 41.62 - Lapilli Tuff - ellipsoid speckle texture from weakly deformed (squashed) remanant feldspara (now calcite) - modal size 2mm x 4mm										
		42.64 - 46.00 - overall fine grained medium to dark green green intermediate tuff - transposed bedding appearance common		Fol. 90° @ 43m								
		42.00 - 53.00 - fragments only weakly sericitized (overall light grey, tannish, buffy) - still a mixture of intermediate fine grained and lapilli tuffs and volcanic breccia				Approximately 46.00: local weak epidote, fracture fill, veins						
		53.15 - 53.30 - minor fault zone @ 30° - moderately hematite stained - weak grey gouge										

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		57.00 - 63.00 - pyrite bands (≤ 1 cm) more common		Fol 80°@ 62m (local 70° zones)			57.66=4cm band with 3% Pyrite, 15% hematite 62.47-62.67= numerous pyrite bands - overall 10% pyrite					
63.00-71.59		- fine grained, dark green intermediate volcanic - not obviously clastic				Minor epidote and sericite assoc. with vein and fracture margins. Local dark chloritic bands	64.17-64.44 - pyrite and minor sphalerite assoc. with quartz veins (≤ 1 cm)					
		@ 71.59m gradational contact back to intermediate tuff to lapilli tuff		@ 68.36m banding (fol) @70°	Possible 3 generations of quartz/carbonate veins 1)@ 80° 2)@ 70° 3)@ 50° #2 seem to be the pyritic ones		@ 68.06m - 10cm quartz/carbonate veined zone @ 75 to CA with 10% pyrite					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
71.59-79.78		Intermediate Tuff to Lapilli Tuff - to 72.20m - lapilli tuff consisting of coarse, broken feldspar crystals (trachy type) @78.77 - 79.78 - bleached altered zone probably related to underlying dyke - massive with 1% disseminated pyrite		Fol. @ approx. 75°		Feldspar crystals carbonate altered. Local epidote and sericite assoc. with veining continues	Pyritic veins persist @73.44 - trace Sph. in vein					
79.78-86.40		Mafic Dyke - grey/green pyroxene porphyry type - bottom 30cm strongly chilled.		Top contact @ approx. 50° but irregular Bottom 40° but irregular	Irregular calcite veins or @ shallow angle to C.A.	Pyroxene's altered to chlorite	1 - 2% pyrite throughout					
86.40-91.17		Intermediate Tuff to Lapilli Tuff - strongly veined with assoc. epidote - sericite and pyrite abundant		Fol. @ 70°		Local, wispy chloritic zones common	Pyrite common to 1% disseminated, fracture fill and vein related.					
91.17-94.4		Intermediate Volcanic - massive again, not obviously clastic - contacts gradational		Fol. @ 65°		Vein and fracture assoc. sericite and epidote wispy chloritic zones still locally present	Less Pyrite - only trace					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
94.40 - 103.72		Dacite Lapilli Tuff? - consists of quartz eyed sericitic phyllite. Rounded recrystallized quartz eyes (some may be feldspar) to 1 cm showing pressure shadows set in a a sericite rich phyllitic matrix. - contacts are gradational (interbanded with intermedite) - local intermediate bands occur throughout - in places the eyes are carbonate and epidote altered (feldspars here?)		Fol. @94.8m @ 40°		Sericite - strong in first metre (may be related to stronger veining here?)	Minor Pyrite					
		100.98 - 101.21 - Mafic dyke		Top 65° Bottom 40° Both chilled								
103.72 - 110.02		Dominantly Intermediate Volcanics - intermediate tuff at top with narrow bands of quartz eyed intermediate				Local dark chloritic sections	Local pyrite in veins <1cm. Trace hematite locally					
		107.13-110.02 - Dacite Flow? - coarse feldspars again but doesn't look clastic. Epidote patches surround quartz eyes		Feldspar alignment 90°		Epidote alteration of strain shadows around quartz eyes						
110.02- 111.24		Mafic Dyke - graine size increase top to bottom		Top @ 75° Botton@70°								

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
111.24 - 113.21		Dacite Flow - same as above - darker color, more chlorite		Top contact brecciated/ veined - may be fault?			Weak pyrite in veins					
113.21 - 118.12		Mafic Dyke - pyroxene porphyry type same as earlier - weakly magnetic - local bleached zones throughout - bottom 40cm fine grained - chilling? prominent 1cm chilled zone @ contact.		Top @ 20° Bottom@50°			1% fine, dissem Pyrite					
118.12 - 121.67		Massive Intermediate Volcanic - first metre bleached, veined and sericitic - then fine grained and light green										
121.67 - 123.77		Intermediate/Dacite? - irregular hard greyish patches - possibly fragmental? transition gradational					Minor pyrite					
123.77 - 126.91		Dacite? - fine grained, massive, hard		Fol. @ 123.8@80°		Local sericite/bleaching around veins	Minor Pyrite					
126.91 - 135.58		Dacite Breccia? - consists of large (to> 5cm) buff colored siliceous fragments? (felsic) within an intermediate matrix - could be disrupted bands? - percent of pseudo fragments highly variable - matrix medium to dark green and chloritic		Fol. @80°		Fragments sericitic matrix chloritic	1-2% Pyrite, disem, fracture fill, veins Minor Mt. throughout					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA: SAMPLE NO	FROM	TO	LENGTH	RESULTS
135.58 - 154.10		Dacite - Rhyodacite Flow? - fine grained, light grey with a weak banded texture (possible primary flow banding?) small (1-2mm) roundish, clear grains - possible quartz eyes. - unit looks similar to ?fragments in preceeding unit.		Bands @90° irregular			Approximately 1% Pyrite - minor Mt. throughout Hematite on fractures					
		@ 137.5 - 138.19 - White quartz vein - contains greyish Mt and Py rich patches		Top irreg-ular Bottom@45°			Magnetite and Pyrite					
135.58 - 154.10		138.61 - 139.39 - quartz veined and 'cooked up' zone - coarser, very siliceous - contact effect?					5% Pyrite and Hematite Trace Gal, Sph in quartz veins					
		139.39 - 142.97 - Mafic Dyke - usual pyroxene porphyry type contacts chilled - magnetic		Top@ 30° Bottom@15°			Minor Pyrite Magnetite locally altered to Hematite					
		142.97 - 147.62 - Dacite Flow? - continued - coarser and darker colored (increase in chlorite)		Fol. @ 75° - 80°	White quartz @ high angle to core. With grey Pyrite/Magnetite patches Trace Gal and Sph		Minor Pyrite Trace Magnetite Trace Galena, Sph in veins					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
135.58 - 154.10 (cont'd)		147.62 - 154.10 Mafic Dyke - finer grained		Top @10° Chilled Bottom @ 50° chilled			2% Pyrite					
154.10 - 159.74		Rhyolite - mottled buff/green color - contains clear rounded quartz eyes to 0.5 cm (approximately 10%) - color is due to dominantly sericite and chlorite - a subtle banded texture is present but not sure if primary or tectonic? - wispy, hairline patches present (remnant clasts or altered feldspars?) - not sure if tuff or flow? - large strain shadows surrounding quartz eyes		Fol. @ 75° Bottom contact @ 65°		Sericite/chlorite	1% Pyrite as fracture fill in veins Local minor Sph assoc. with rock and veins					
159.74 - 254.85		back to banded? Dacite to Rhyodacite - same as earlier - still very siliceous locally quartz still evident - mottled banded texture evident (could be flow banding or welding?) @ 168.3 - 168.8 - Green Mafic Dyke - may be amygdaloidal - contacts chilled		Banding @ 85°		Sericite/chlorite	2% fracture fill and vein pyrite local rare trace Cpy. Pyrite decreases after 164m					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
159.74 - 254.85 (cont'd)		*NOTE: This Unit could possibly be foliated granodiorite??		Top @60° Bot. @70°								
		- some darker chlorite and sericite banded/welded looking dacite		Banding @ 80°		Sericite/chlorite	1% Pyrite in veins, local dissem.					
		@ 184.3m becomes lighter colored (more sericite) - banding less evident - kind of a fine equigranular quartz-o-feldspathic rock			Veins dominantly quartz	Sericite	1% Pyrite, mostly in veins Fracture fill hematite					
		- 188.37 - 193.14 - 50% bull white quartz veins with minor Py, Hem			Bull white veins @ 40 - 60° greyish ones @80°							
		- same rock continues with local color and grain size variations										
		@ 197.21 - 200.78 - dark and light bands with irregular, wispy character, reminiscent of transposition?		Bands @80°		Sericite/chlorite	Dissem Py, Mt					
		@ 197.9 - 198.5 - brecciated zone - Fault? @ 45°										
		201.58 - approximately 205m - coarser grained section (more intrusivey looking) - then back to finer darker variety still with granular appearance				Chlorite/sericite						

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
159.74 - 254.85 (cont'd)		Banded Dicate to Rhyodacite (cont'd)										
		@ approximately 209.59 - 210.68										
		- darker, very coarse section - brecciated (Gdi dyke??)					3% Pyrite and fair amount Cpy.					
		Note: hole interval could be felsic, volcanics cut by granodiorite dykes??										
		- gouge at 210.68 - angle unknown										
		- after 210.68 rock is finer, light grey and siliceous quartz and feldspar grains evident										
		@ 213.85m - 5cm mafic dyke at 80°										
		- is definitely more intrusive looking after 219.35 - 233.73										
		- coarse felds and quartz (white) grains to 0.75cm					Minor pyrite					
		- no contact is evident however										
		233.73 - 234.80 - light and dark wispy banded texture again (transposition type).										
		234.80 - 236.18										
		60% white quartz veins			Irregular							
		- rock is coarse intrusive looking again			like a healing							

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
159.74 - 254.85 (cont'd)		Dacite to Rhyodacite? (cont'd) - after 236.18 dissem Mt. common - some light to dark grey fine to coarse grained variations - darker, coarser varieties may be intrusive, unsure of lighter, finer grained sections - Kink banding locally common 249.0 - 252.0 - 30 - 40cm fault@ bottom (to dyke)		Banding 80° @ 237.5m @ 45°		Local minor sericite/ chlorite	Pyrite assoc. with quartz veins local dissem Mt. Fracture fill Hem					
254.85 - 256.88		Mafic Dyke - fine grained, amygdoloical - weakly magnetic		Top 50° chilled Bot. 20° Top. 20°			Hem., Mt					
256.88 - 259.01		Mafic Dyke - coarser, brownish pyroxene porphyry type (chloritized)				Pyroxenes now chlorite and Mt.	Mt.					
259.01 - 262.65		Mafic Dyke - Amygdaloidal type again - several small dykes intruding each other and host in interval (< 20cm)		Top 65° Bottom broken core								
262.65 - 306.93		Fault Zone below dyke to 263.71		Gouge @50°			Pyrite as fracture fill and in veins					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-1

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
262.65 - 306.93		- same felsic volcanic/intrusive? - not sure what is intrusive and what isn't but probably at least 50% intrusive										
		@ 273.83 - 275.65 - Mafic Dyke - dark amygdaloidal type		Top 30° Bottom 20°								
		- Fault Breccia 275.65 - 276.45 - @ approximately 10°					1% Pyrite					
		@ 280.66 - 7cm dyke (mafic) @ 65°					Mt., Hem					
		- after 281m believe to be intrusive - ie. @ 283m have irregular intermediate sections which appear to have 'cooked' margins										
		@ 281.53 - 14cm pyrox porphyry mafic cyke @ 85°		Banding @ 75°			Only more trace pyrite					
		approximately 288 - 292 irregular bands and patches of ? Dacite in intrusive (≤ 3cm)										
		@ 293.39 - 297.37 - Shear Zone - quartz veining @ top		@ approx. 10°-20° to C.A.			2 - 3% Pyrite					
		300.27 - 301.03 Mafic Dyke - fine grained, greenish with pyroxenes and amygdules		Top@ 60° Bot. @70°								
		Same grey banded intrusive?? to 306.93					300-302 Hematite rich as patches					

TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

HOLE No. FF-90-2

PAGE 1 of 4

COMPANY LDS DIAMOND DRILLING
PROJECT 1381
PROPERTY FORD

NTS 82M/4
CLAIM FORD 4
ELEVATION 1832m
GRID COORD. 2+01S,3+95W
NORTHING
EASTING

DATE : COLLARED Aug. 22, 1990
: COMPLETED Aug. 24, 1990
: LOGGED Aug 26, 1990 (SS)

LOGGED BY : RF/SJ
CORE SIZE : NQ

DEPTH	DIP	AZ.
Collar	-50	135
102.74 m	-52	129

LENGTH : 168.55 m
DEPTH OF OVB : 5.49 m
CASING REMAINING Pulled
WATERLINE LENGTH :
PROBLEMS : Hole lost at 168.55m due to tightening of rods in major fault zone.

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0 - 6.40		Casing - First 5.49m overburden										
6.40-119.24		Intermediate Tuff to Breccia										
		- same as top of Hole FF-90-1										
		- consists of bedded ash tuffs to breccias										
		- fragmentals seem to vary from crystal (Feldspar) - lithic to lithic							NO SAMPLING !!!			
		- coarser sections consist of clasts average 1cm but up to 5cm or more consisting of:										
		(1) sericitic with quartz and/or feldspar pheno's (Felsic volcanic)										
		(2) White carbonate altered (felsic volcanic and/or sedimentary)										
		(3) Occasional Chloritic (intermediate volcanic)										
		- matrix is green and somewhat chloritic with finer clasts, at least in part feldspar		Fol. 80-90			1% dissem. Py Minor FF Hem					
		- local section of lapilli with broken feldspar phenos as dominant clasts type and local lithic clasts										
		- fine ash tuff 11.50 - 13.00m										

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-2

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
6.40 - 119.24 (cont'd)		- after 26m local bleached sericitic zones (probably related to nearby veins or dykes?) - same tuffs to Breccias different types and clast sizes generally form as discrete beds.		Bedding @ 33.83: 80-85°			Local minor Py same as bands					
		- @ 41.22 - 43.00 - fine ash tuff - light grey/green, banded, hard										
		Fault - angles unknown 44.06 - 44.58										
		- 44.58 - 46.90 - ashtuff - in part white siliceous and banded, bottom same as above		Banding/ Bedding?@ 70°								
		- @ 47.18 - 53.20 - Major fault zone - mostly in banded ash tuff - series of discrete faults making up a major zone - fault gouge and breccia common		Banding of ash tuff 70			2% Pyrite in Fault zone					
		Fault @ 54.42 - 54.80 @ 20°		Fault @ 25°								
		- @ 54.80 - 59.85 - Chert - blue grey banded rock consisting of chert bands and sericitic ash tuff? Bands (< 1cm) banding highly contorted.										
		Fault Zone - 56.97 - 59.85		70° @ top			Faults pyritic					
		- after fault back to banded tuffs - banding remains contorted near fault.										
		- fine tuff continue to 67.52m.					Minor Pyrite					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-2

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
6.40 - 119.24 (cont'd)		- 67.52 - 77.57 - back to lapilli tuff - here starting to get quartz cobbles, possibly indicating more reworking.					Trace Sph @ 73.14					
		- @ 77.57 - 80.63 - Conglomerate - dominant clast types are rounded quartz cobbles and blue/grey chert cobbles - intermediate and felsic clasts also still present - little in the way of obvious sediment clasts, however some of the sericitic ones could be sediment?					Minor pyrite					
		- 87.14 on - section is now more sedimentary (reworked) and consists largely of wacke's and conglomerate with local tuff beds		Bedding @ 80 °								
		- @ 90.35 possible younging down hole from cross bedding and rip ups? - gouge @ 80.90m @ approximately 85° - more sedimentary till 97.08		Bedding @ 70°@90.38m			Trace pyrite					
		97.08 - 101.63 - Bedded Intermediate tuff - 101.63 - 103.53 - Shear Zone/Fault - discrete shearing @ 75° - discrete gouge @ bottom @ 10° - 103.53 - 105.17 - grey, more sedimentary again (wacke, cgl.)					2% Pyrite					

TECK EXPLORATIONS LIMITED

HOLE No. FF-90-2

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
6.40 -		- 105.17 - 119.14 - Major Fault Zone		Fault Angles								
119.24		- much gouge and fault Breccia		105.6 - 80°								
(cont'd)		- narrow mafic dyke in fault around 118m		105.4 - 80°			1-2% Pyrite					
		- major sand seam @ approximately 117m		108.9 - 45°			throughout fault					
				112.5 - 45°								
				113.5 - 85°								
				115.5 - 80°								
				Breccia Zone								
				@ 116.5@30°								
119.24 -		Intermediate										
148.25												
(cont'd)		- probably tuffs at start but grades to lapilli ?				Darker near top -	123.7minor Gal,					
		and breccia down hole. 'Fragments' may be		Fol. still		chlorite ?	Pyrite rich (5%)					
		transposition of bedding/banding?		@ approx.			Minor Pyrite					
				80°			132.2-133.2 Minor					
							FF, Sph					
		- Intermediate continues, 30cm fault Breccia @ 148					Trace Gal, Sph					
		weak Pyrite, Trace Sphalerite					Cpy					
		- transposition of banding and ptygmatically folded					assoc w/veins &					
		veins common					fault					
148.25 -		- Back to interbedded intermediate tuff with wacke		Bedding @								
168.55		and local conglomerate		80° - 152.3								
		- local zones of coarse feldspar porphyry rock (trachy					Py locally to 1-2%					
		texture). Not sure in this case if clastic or flow?					@ 158 m vein					
		- in general may be similar to top of hole (above					(3cm) with minor					
		cgl)					Sph.					
		End of Hole										
		Hole lost due to rods tightening back at major										
		fault zone										

TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

COMPANY: LDS DIAMOND DRILLING
PROJECT: 1381
PROPERTY: FORD

NTS: 82L/13
CLAIM: WOOF3
ELEVATION: 1375m
GRID COORD.: Adam-C Grid 19+65E, 3+74S
NORTHING:
EASTING:

DATE: COLLARED: Aug. 24,1990
: COMPLETED: Aug. 27,1990
: LOGGED: Aug. 27&29, 1990
LOGGED BY: SJ/RF
CORE SIZE: NQ

DEPTH	DIP	AZ.
Collar	-70	155
(SS) 24.09m	-72	132
(SS) 258.84m	-69	157

LENGTH: 263.96m
DEPTH OF OVB: 17.67 m
CASING REMAINING: Pulled
WATERLINE LENGTH:
PROBLEMS:

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0-18.90		Casing - overburden to approximately 17.69m										
18.90-23.47		Sericite (Chlorite) Phyllite/Schist - Rhyolite - predominantly a sericite phyllite/schist with varying amounts of chlorite (ranges from weak to moderate) - core is strongly broken up and soft - local poor recoveries up to 32.61m - approximately 20.52 - 21.90 - quartz vein zone with sericite and chlorite fracture fill, diss. pyrite up to 1% - top contact core broken, bottom contact core broken, minor gouge		Fol. 60° @ 22.5m		Strong Sericite alt. (wispy, bands) Weak to Moderate (locally) chlorite alt Weak Hematite locally	Diss. pyrite ≤1% (usually 1%) + fracture fill pyrite					
23.47-49.00		Quartz-Quartz Eye Sericite (Chlorite) Phyllite/Schist - same as 18.90 - 23.47 plus: - now has quartz "eyes" - roundish eyes of quartz up to 3mm in diameter - and quartz bands/wisps (thin; discontinuous)		Fol. 60° @ 32.1m 85° @ 42.15m		Strong sericite	Diss. pyrite <1% (weaker than 18.90-23.47)					

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-3

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		38.20 - 38.30 - 10cm fault? zone with greyish gouge, (contacts broken)										
		approximately 39.00 - 47.85 - has a pseudo-fragmental appearance - possible lapilli tuff to breccia - could be due to irregular, wispy alteration (sericite, chlorite) around unaltered (less?) feldspar, quartz rich zones										
		- local vein breccia zones from 41.76 - 44.81m										
		-some zones locally contacted and kink banded - up to 49.00m - soft, broken core with oxidation (tannish, buffy sericite) and medium grain size - easily visible feldspar, quartz grains		Fol. 85° @ 47m								
49.00-79.00		Sericite/Chlorite Phyllite (Dacite?) - fine grained, light to medium gray overall appearance with a brownish tinge		Fol. 80° @ 53.8m		Moderate Sericite Moderate Chlorite	Weak Pyrite <1%					
		- still predominantly sericite with weak to moderate chlorite - feldspar and quartz grains still evident by smaller in size (mostly feldspar)		75° @ 57m								
		- overall more chlorite then 18.90 - 49.00 (probably a dacitic volcanic) subequal amounts of both		80°@ 72m								

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-3

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
49.00-79.00 (cont'd)		- has local chlorite rich zones - weak to moderate quartz/carbonate (quartz rich) veins up to 15 cm wide (bull white with sericite/chlorite fracture fill, weak pyrite) - it is locally contacted and kink banded (rarely) - sericite alteration does not occur as bands, wisps (finer) and is best seen on foliation surfaces - lower contact gradational										
79.00 - 123.45		Quartz Sericite Chlorite Phyllite/Schist (Rhyodacite to Dacite) - consists of bands/wisps of sericite alternating with quartz (± feldspar) and local dark chloritic bands sericite bands up to 2cm, quartz bands (more resistent) gray to bluish siliceous and weak calcareous coating - rare mafic (chloritized) bands but commonly speckled texture due to chloritized mafic grains - overall quite a lot of quartz rich bands, zones (up to 5cm) - local displays a pseudo-fragmental texture as noted in top of hole and locallly contorted, kinkbanded. - minor fault (gouge) zones at 79.53 (3cm zone), 80.85 - 81.00 - appears to be parallel to foliation.		Fol 80° @ 81.20		Moderate to strong sericite, bands, wisps Moderate chlorite wisps, speckles	Dissem. Pyrite approximately 1%, also in bands					

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-3

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		85.90 - 87.56 Breccia Zone										
		- consists of feldspar and some quartz fragments in a dark, chloritic, calcareous matrix.										
		- fragments subangular to subrounded and white (feldspar) to clearish (quartz)										
		- weak to moderate sericite alteration on these fragments, also weak to moderately calcareous										
		- amount of fragments to matrix varies widely - from 80% to 20%										
		88.03 - 88.62 - Fault Zone										
		- top contact @ 60°										
		- riddled with gougey zones										
		- contorted kinkbanded										
		- fault @ 60° (gouge contact)										
		- bottom contact core broken										
		- core commonly broken up, soft										
		93.00 - 123.45										
		- abundant quartz rich bands, zones, local quartz eyes - most bands										
		117.35 - 117.56 - Fault Zone										
		- abundant grey gouge		Fol. 85°								
		- top contact core broken, bottom @ 50°		@ 108.1 m								
		- fault @ 50°										
		- lower contact gradational										

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-3

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO	FROM	TO	LENGTH	RESULTS
123.45 - 134.10		Chlorite/Sericite Phyllite (Dacite) - same as 45.00 - 79.00 plus: - more overall chlorite (greater than sericite) - lower contact gradational		Fol. 80-90°								
134.10 - 158.00		Quartz Sericite Chlorite Phyllite/Schist (Rhyodacite to Dacite) - same as 79.00 - 123.45 plus: - abundant grayish, quartz rich bands (some as 93.00 - 123.45) - lower contact gradational		Fol. 85° @ 141.1m								
158.00 - 161.80		Chlorite (Sericite) Phyllite Intermediate - similar to 123.45 - 134.10 plus: - definitely more chloritic, only weakly sericitic, overall probably intermediate in composition - lower contact gradational		Fol. 80° - 90°								
161.80 - 176.67		Quartz Sericite Chlorite Phyllite/Schist (Rhyodacite to Dacite) - same as 134.10 - 158.00 plus: 163.99 - 164.04 - Fault Zone - greyish gouge - both upper/lower contacts at 70° 168.70 - 169.50 - Fault Zone - grey gouge with local fault breccia, contorted - too contorted to get any reasonable angles		Fol. 80 - 90° (locally 70°)								

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM (m)	TO (m)	LENGTH (m)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
		174.20 - 175.35 - Fault Zone														
		- same as 168.70 - 169.50														
		- lower contact gradational														
176.67- 233.65		Chlorite (Sericite) Phyllite Intermediate					Py. Po, up to 1%, Fracture fill, weak diss. pyrite									
		- same as 123.45 - 134.10 plus:		Fol. 80 - 90°		Weak Sericite										
		- local granular, dark zones - possible narrow mafic dykes		Bands@ 90°		Strong chlorite										
		- local greenish, intermediate bands														
		- overall more granular medium to dark greyish appearance (not including possible darker mafic dykes) with greenish intermediate bands														
		- only very weak sericite now														
		- definitely intermediate in composition	97%					20026	178.00	179.00	1.00	243	6	97	0.2	5
			100%					20027	179.00	180.00	1.00	231	3	76	0.3	14
		- commonly very dark, blackish strongly chloritic	100%					20028	180.00	181.00	1.00	118	2	78	0.1	3
		zones.	100%				178.00-196.00	20029	181.00	182.00	1.00	3613	3	160	1.0	19
			100%				splash Cp (<1%)	20030	182.00	183.00	1.00	1192	5	72	0.3	8
		approximately 178.00 - 196.00	100%				1-2% Py.(patches)	20031	183.00	184.00	1.00	1118	3	108	0.2	6
		- splashy cp (overall <1%) with 1-2% patchy pyrite,	100%				≤1% Po. (patches)	20032	184.00	185.00	1.00	258	5	98	0.1	1
		local Po. (also patchy), possible rare Sph.	100%				possible local	20033	185.00	186.00	1.00	143	5	52	0.1	1
		- mineralization commonly associated with darker,	100%				Sph, Fracture	20034	186.00	187.00	1.00	30	2	62	0.1	1
		strongly chloritic zones	100%				Fill	20035	187.00	188.00	1.00	123	15	73	0.1	1
			100%					20036	188.00	189.00	1.00	94	11	78	0.1	3
			100%					20037	189.00	190.00	1.00	38	4	79	0.1	4
			97%					20038	190.00	191.00	1.00	65	5	80	0.1	1
			100%					20039	191.00	192.00	1.00	41	8	57	0.1	5

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-3

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM (m)	TO (m)	LENGTH (m)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
			100%					20040	192.00	193.00	1.00	65	12	30	0.2	8
			95%					20041	193.00	194.00	1.00	75	3	31	0.1	1
			100%					20042	194.00	195.00	1.00	249	2	35	0.1	1
			100%					20043	195.00	196.00	1.00	571	2	50	0.1	9
		196.00 - 233.65: - medium dark grey intermediate (fairly fine grained overall) - moderate to strong chlorite, weak to moderate sericite (locally moderate - overall weak) - no greenish intermediate bands		Fol. 80 - 90° (predominantly 80°)			204.59-296.30 patchy weak Cp (<1% overall)									
		202.78 - 205.10 - lighter grey, bleached, moderate sericite alteration														
		209.74 - 210.34 - Fault Breccia - fault zone with fault breccia														
		210.34 - 220.75 - Weak Fault Zone - intermediate with local, narrow (≤ 30cm) fault breccia, fault zones, gouge zones (one @ 70°)														
		220.75 - 230.83 Fault Zone! - fault zone riddled with numerous fault breccia zones, broken up core, and some gougey zones - mostly fault breccias - tough to get angles on fault - some more competent, lesser faulted intermediate zones - angles - fault breccia zone (narrow -10cm) @ 60° @ approx. 223m, 50° @ approx. 226m					220.75-230.83 - local, patchy Cp.									

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-3

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		220.75-230.83 (cont'd) - local, patchy, Cp.										
		230.83 - 233.65 - some intermediate as before fault zone - gradually becomes more dacitic down hole - more granular, more quartzy										
233.65 - 263.96		Intermediate to Dacite - light to dark grey (medium gray overall) color, - fine to medium grained - more granular than previous hole lithology - some granular zones brownish, possibly biotitic - possibility of the more granular almost medium grained zones being intrusive (approximately granodiorite in composition) - local, more chloritic zones as well as lighter grey, strongly siliceous zones (usually proximal to quartz veining) - i.e. quartz flooded zones - could be nearing intrusive contact - could have a hornfelsing or 'cooking' effect		Fol. 80 - 90°		Local weak sericite Moderate chlorite 258.17-261.21 - local Ep. alt. fracture fill	Weak pyrite, fracture fill, weak diss., (local bands up to 2% over 2cm)					

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-4

DIAMOND DRILL LOG

COMPANY: LDS DIAMOND DRILLING
PROJECT: 1381
PROPERTY: FORD

NTS: 82L/13
CLAIM: WOOF3
ELEVATION: 1230 m
GRID COORD.: Adam-C Grid 16+98E, 6+97S
NORTHING:
EASTING:

DATE: COLLARED Aug 27, 1990
: COMPLETED Aug 28, 1990
: LOGGED Aug 29, 1990

LOGGED BY: SJ/RF
CORE SIZE: NQ

DEPTH	DIP	AZ.
Collar	-90	
(SS) 118.60m	-86	103

LENGTH: 121.01m
DEPTH OF OVB: approx. 8.84m
CASING REMAINING: 9.75m
WATERLINE LENGTH:
PROBLEMS:

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0 - 9.75		Casing - first 8.84m in overburden										
9.75-13.00		Quartz Sericite Chlorite Phyllite/Schist		Fol. 70° @10.10m 60° @ 11.50			Weak Py, FF (2 %) local, weak Po. FF (<1%) Trace local Cp					
		- consists of quartz bands (and quartz eyes) alternating with sericite and chlorite rich wisps, bands.										
		- bands could be deformed remenant fragments (similar to top of FAC-90-3)										
		- overall more sericite than chlorite with quartz being the most abundant										
		- quartz bands commonly have drusy carbonate (calcite) coatings.										
		- local contortions, kinkbanding are present										
		- gradualy becomes more chlorite rich (chlorite ≥ sericite) but still quartz bands being greater than both										
13.00-21.55		Quartz Chlorite Sericite Phyllite/Schist (Dacite)										
		- same as above but chlorite overall greater or equal to sericite in percentage with quartz bands still										

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-4

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM (m)	TO (m)	LENGTH (m)	RESULTS
13.00-21.55 (cont'd)		the most abundant		Fol 60° pretty constant throughout								
		- still has quartz 'eyes'										
		- 16.00 - 21.00	90%					20044	16.00	17.00	1.00	
		- fairly abundant Sphalerite, Cp. + Galena	100%					20045	17.00	18.00	1.00	
		Pyrite and Pyrrhotite mineralization	100%					20046	18.00	19.00	1.00	
		- occurs as very thin fracture fills	100%					20047	19.00	20.00	1.00	
			95%					20048	20.00	21.00	1.00	
		- sphalerite the most common base metal (approx. 1/4% overall (with frequent associated cholcopyrite and local galena										
		- pyrite and pyrrhotite are the most common fracture filling sulphide present - approximately 2%										
		- some quartz bands are fragmentated										
		- also locally displays a feldspar + lithic fragmental appearance (lapilli tuff?) - looks intermediate										
		- 21.40 - 21.55 - band (interbed) of high contorted, weak graphitic shale										
		- lower contact bottom of this shale interbed (core broken)										
21.55-24.22		Intermediate										
				Fol. @ 60°			Py, Po FF (up to 2%)					
		- medium green overall appearance										
		- fine grained, local quartz bands										
		- local kink banding										
		- bottom 20cm grades to shaley sediments										

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-4

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM (m)	TO (m)	LENGTH (m)	RESULTS
24.22-28.35		Graphic Shale										
		- fine grained, black, weak to moderately graphitic shale			Fol @ 50 - 60°							
		- has weak to moderate thin (< 1cm) quartz veins/ veinlets - commonly depicting ptygmatic folding										
		- pyrite, (± po) fracture fill common up to 3%										
		- local Sphalerite fracture fill										
		- weak, local Cp? - hard to distinguish from pyrite.										
		- 26.23 - 26.73										
		- quartz vein zone										
		- lower contact core broken, veiney										
28.35-32.05		Dacite										
		- consists of abundant quartz, quartz eyes with chlorite greater than sericite) - not as foliated, altered as top of hole		Fol. @ 60°								
		- approximately 29.00 - 32.00						20049	29.00	30.00	1.00	
		- mineralization similar to 16.00 - 21.00 except not as strong						20050	30.00	31.00	1.00	
								20051	31.00	32.00	1.00	
		- local 2 - 3% patchy Cp. zones										
		- becomes more siliceous - most likely cherty bands and/or quartz flooding										
		- lower contact gradational										

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-4

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
32.05-54.00		Rhyolite										
		- predominantly light to medium grey, strongly siliceous rhyolite with local darker intermediate zones		Fol. 60°, locally 50°			Py FF, patchy up to 3% Local Trace Cp.					
		- could possibly be a cherty sediment or silicified, but mafic and possible feldspar grains were observed. - Also local very dark black (strong chloritic) siliceous zones - still siliceous - could be argillaceous rhyolite										
		- 35.10 - 36.50 - brecciated zone with carbonate healing										
		50.87 - 52.30										
		- strong chloritic (argillaceous?), pyrite blebs up to 3%										
		- commonly has brownish biotite? fracture fill										
		- lower contact gradational										
54.00 - 121.01		Intermediate										
		- dark grey, blackish, greenish tinge intermediates		Fol. @ 60° (variably 50 - 70°)			Py. FF, patchy up to 3%, overall 1%					
		- local bleached? light grey siliceous zones (cherty?) or quartz flooded - usually proximal to quartz veining					Po, FF (not as common as Py) < 1%					
		- common rhyolitic (strong siliceous) zones from 54 - 79.00m					Local Sph FF					

TECK EXPLORATIONS LIMITED

HOLE No. FAC-90-4

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
54.00 - 121.01 (con'td)		- 75.18 - 75.52 - Fault Zone - top contact @ 40°, bottom 50° - grey gouge with fault breccia															
		- 79.00 - 121.01 - commonly displays vuggy granular appearance - could be local gdi dykes or nearing the intrusive contact - locally displays a transposed bedding appearance (evident by dark chloritic wisps)		Fol. still 60°													

TECK EXPLORATIONS LIMITED

HOLE No. 36 —

DIAMOND DRILL LOG

COMPANY
PROJECT 1381
PROPERTY FORD

NTS
CLAIM
ELEVATION
GRID COORD. L18E, 5+72S (Adam C Grid)
NORTHING
EASTING

DATE : COLLARED June 25/87
: COMPLETED July 3/87
: LOGGED June 11, 12/90

LOGGED BY : SJ/RF
CORE SIZE : BQ

DEPTH	DIP	AZ.
Collar	-60	South

LENGTH : 154.53m
DEPTH OF OVB : 3.66m
CASING REMAINING :
WATERLINE LENGTH :
PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH (m)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
0 - 3.66		Casing														
3.66-32.11		CHLORITE SERICITE PHYLLITE -DACITE?														
		- oxidized from 3.66 - 12.19m		Strong Fol			Minor Pyrite									
		- basically a chlorite sericite phyllite		65° @15.50m												
		- overall more chlorite than sericite														
		- some zones more felsic - almost cherty looking-		70°@ 29.80m												
		primary or secondary quartz flooding?														
		- 26.58 - 26.78 - 20cm gouge zone, sub-parallel to														
		core axis														
		- small gouge zone @ 14.00m														
		- strong foliated 65° @ 15.50m, 70° @ 29.80m														
		- lower contact parallel to foliation - 70°														
		and sharp														
32.11-40.20		MUDSTONE														
		- greenish mudstone intercalated with black shale/					37.18-40.20 -									
		argillaceous and intermediate tuffs					Minor Sph in									
		- intercalations chaotic		Fol. 80°			veinlets, wisps									
				@ 38.00			light trace Gal and CP									
		- 35.05 - fault zone - 40° to core axis, approx.	55%				39.14=7cm zone	20001	37.18	38.71	1.58	536	2949	7515	0.9	19
		50cm long, graphitic	90%				with 10% Sph,	20002	38.71	40.23	1.52	310	2144	5448	1.3	10
							Minor Gal, Cp									

TECK EXPLORATIONS LIMITED

HOLE No. 36

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO	FROM	TO	LENGTH (m)	RESULTS Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
32.11-40.20		- 37.5 - 40.23 - graphitic shale/argillaceous														
(con'td)		- weak to moderate quartz veins (increase near														
		bottom)					Pyrite up to 2%									
		- 37.18 - 40.20 - minor Sphalerite in veinlets and														
		wisps, light trace galena and Cp.														
		- 39.14 - 7cm zone with 10% Sphalerite with minor														
		Galena, Cp.														
		- 40.20 - 40.84 - Fault Zone														
		- top fault contact 50°														
40.84-		INTERMEDIATE TUFF	80%			Moderate to Strong Chl	40.89-49.00 = 5 -	20003	40.23	41.27	1.04	261	181	3868	0.8	10
116.00		- fine grained, medium green intermediate tuff					10% total sulphides		Old sample							
		- moderate to strong chlorite (some zones strong	90%				predom. pyrite,	20004	42.15	44.26	2.11	990	45	198	0.3	7
		chloritic)					some Cp									
		- variablly silica flooded														
		- 5 - 10% total sulphides - predominantly pyrite,	100%				41.27-42.15 (old	20005	45.26	46.30	1.04	4113	25	351	1.8	80
		some Cp (40.84 - 49.00)	100%				sample)	20006	46.30	47.30	1	576	12	231	0.5	12
		- Cp in quartz/carbonate clots														
		- pyrite in veins, subhedral, disseminated.														
		- local coarser clastic sections - probable		Fol 60°			44.26-45.26 (old									
		lapilli sized tuff		@ 50.30			sample) 15% total									
		- 45.70 - 46.00 - 10% total sulphide, over 9% pyrite					Sulphide:Py, Cp									
							(runs 1.03% Cu)									
		- 48.00 - 49.98 - probably intermediate flow														
		- 49.98 - 50.29:					49.00-55.00 - up									
		- coarser clastic (lapilli tuff?)					to 5% total sulphides									
		- variable sericite alteration zones (up to 30cm)					locally, predom Py									
							minor Cp									
		- 52.54-52.64 - possible dyke?														
		- top contact 90°, bottom broken, has 2 - 3% pyrite					57.65 a blotchy Cp									
							in fractured quartz									
							vein									

TECK EXPLORATIONS LIMITED

HOLE No. 36

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
		- 50.29 - 51.92										
		- finer, strong chloritic intermediate tuff					55.00 - up to 2% Pyrite, some richer zones					
		- 51.92 - 54.86 = flow amphibole porphyritic flow with subhedral amphiboles										
		- contains possible above dyke (52.54 - 52.64)										
		- 78.02 - 79.93: fault zone		60˚ @ 58.00m								
		- top contact 45˚ sharp										
		- bottom contact core broken		65˚ @ 76.40m								
		- brecciated up intermediate, some gouge, veins										
		- 79.93 - 83.67 - intermediate flow same as 51.92 - 54.86					84.43 - minor Pyrite, trace Cp.					
		- 83.67 - 84.43 - coarser clastic (lapilli tuff?) same as 49.90 - 50.29										
		- 84.43 - 116.00 - intermediate flow (86.00 - 101.10 - fine grained, massive, gradually coarsens approximately 101.10 - fine to medium grained flow		Banding 85˚ @ 101.00m								
116.00 - 154.53		HORNFELSIC INTERMEDIATE?GRANODIORITE?										
		- 116.00 - 154.53 lighter grey color - variable bleaching - with weak sericite alteration - coincident (sometimes) proximal to quartz veining		Fol 65˚ @ 130.00m								
		- still strong chloritic zones mixed in with bleached zones										
		* 116.00 - 154.53: could possibly be dacite (more felsic) or could be alteration intermediate flow (ie same texture as darker flow-mafic grains still persist)										

TECK EXPLORATIONS LIMITED

HOLE No. 36

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
116.00 - 154.53 (cont'd)		* also - distinct possibility of above flows being intrusive?															
		- 145.7 m															
		- 3cm, subrounded, moderate siliceous fragments (2 of them)															
		140.60 - small fault zone - contact angles?															
		- 142.50 - 154.53 - weakly foliated															
		- overall slightly more sericitic towards bottom of hole															
		- 116.00 - 154.53															
		- some probably due to veins, other zones?															

TECK EXPLORATIONS LIMITED

HOLE No. 38

DIAMOND DRILL LOG

COMPANY

PROJECT 1382

PROPERTY

NTS

CLAIM AXL 3

ELEVATION

GRID COORD. 53+56W, 6+75S

NORTHING

EASTING

DATE : COLLARED July 9/87

: COMPLETED July 11/87

: LOGGED June 16/90

LOGGED BY : SJ/RF

CORE SIZE : BQ

DEPTH	DIP	AZ.
Collar	-54	135

LENGTH : 68.58 m

DEPTH OF OVB :

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS					
0-4.27		Casing															
4.27-26.96		INTERMEDIATE TUFF															
		- possible OB to 4.57															
		- fine grained to weak lapilli, medium green intermediate tuff		Fol 05° @ 10.47		Light to weak sericite	Trace weak Py overall										
		- weak quartz/carbonate veins															
		- possible local fragments - green, sericite alteration (2 fragments)				Weak to moderate Ep (veins) 19.00	Light Py (usually veins) up to 2%										
		- local darker chloritic zones ie. 24.80 - 25.95															
		- weak to moderate epidote in veins from 19.00															
		- lower contact fairly sharp															
26.96-38.39		SEDMINTARY BRECCIA - (Sheared Conglomerate)															
		- sheared (shearing @ 80°) from 26.96 - 38.00															
		- 38.00 - EOH (locally sheared)					30.70-38.00 diss. magnetite zones										
		- fragments sheared (26.96 - 38.00) giving a banded appearance (tannish, dark green, bluish grey)															
		- moderate quartz/carbonate veins															

TECK EXPLORATIONS LIMITED

HOLE No. 38

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
26.96-38.39 (CON'TD)		- 30.70 - 38.00 - disseminated magnetite (not throughout, zoney variably alternation to reddish hematite)										
		- 27.40 - 1cm x 2cm pyrite fragment?										
		- cut to magnetite/hematite (cracks in pyrite)										
		- 38.00 - 68.58 (EOH) - locally sheared										
38.39-42.01		INTERMEDIATE TUFF				Weak to moderate Cp in veins	Weak Py FF, veins throughout					
		- more of a intermediate tuff looking matrix				Weak ser (light wisps)	Local Py zones up to 5% (veiny, wispy)					
		- predominantly fine grained, medium green intermediate tuff										
		- weak to moderate quartz/carbonate veins and epidote										
		- light pyrite wisps or fragments?										
		- lower contact gradational										
42.01-68.58		SEDIMENTARY BRECCIA (Sheared Conglomerate)										
		- similar to 26.96 - 38.39 plus:										
		- 42.01 - 42.71 - brecciated (tectonic) zone in banded sediments										
		- 45.48 - 47.06 - cooked zone associated with veining (quartz)										
		- variably folded, chlorite biotite? rich										
		- 47.06 - 65.58 - Sedimentary Breccia (as in 26.96 - 38.39)										
		- still fairly deformed (sheared) not till bottom of hole does shearing become weak or nil (@ 59.00)										

TECK EXPLORATIONS LIMITED

HOLE No. 38

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
42.01-68.58 (cont'd)		47.06 - 65.58 - (cont'd)										
		- pyrite fragment? @ approximately 47.70 (similar to ore mentioned above)										
		- 47.06 - 59.00 - strong deformation										
		- approximately 30% fragments				Weak to moderate Ser (fragments)	Weak pyrite					
		- recognizable fragments consist of: quartz vein material, quartzitic? (siliceous, fine grained), greenish intermediate, occassional sericitic clasts, mudstone										
		- weak to moderate younger quartz/carbonate veins (ore has blood red mineral?)										
		- matrix - greenish, sandy, wackeish										
		- fragments - 0.5cm - > 5cm										
		59.00- 68.58 (EOH)										
		- weakly deformed					Weak Py throughout					
		- approximately 60% fragments					locally up to 2%					
		- fragments consist of same as 47.06 - 59.00 plus greyish sediments, light gray, porphyritic clasts		61.63								
		- probably originally a layered sedimentary sequence - ie. grades from zones with coarse fragments to zones with little fragments, to zones of predominantly wackish material - could be a channelling effect - ie. delta (contacts core always broken)		primary layers @ 70° 62.13 banding @ 80°								
		- siliceous fragments - relatively equidimensional		62.28 fol. (clast alignment)@ 90°								
		- sedimentary, chlorite intermediate fragments - more stretched (about > 3:1 ratio)										

TECK EXPLORATIONS LIMITED

HOLE No. 38

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
42.01-68.58 (con't)		- finer zone - fragments are basically aligned parallel - coarser fragmental zones - get random orientation - sericitic fragments - some appear to be sedimentary, others appear more sericitic schisty - local zones of disseminated magnetite in matrix and fragments - sometimes just in fragments															

TECK EXPLORATIONS LIMITED

HOLE No. 61

DIAMOND DRILL LOG

COMPANY

PROJECT 1381

PROPERTY FORD

NTS

CLAIM FORD 4

ELEVATION

GRID COORD. +95S, 5+35W

NORTHING

EASTING

DATE : COLLARED Aug. 26/87

: COMPLETED Aug. 28/87

: LOGGED June 19/90

LOGGED BY : SJ/RF

CORE SIZE : BQ

DEPTH	DIP	AZ.
Collar	-45	135

LENGTH : 122.83m

DEPTH OF OVB :

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0-3.05		Casing										
3.05-7.62		OB?, Rubbly broken core - intermediate pebbles, cobbles										
7.62-19.91		INTERMEDIATE TUFF - fine grained, medium green intermediate tuff - weak to moderate quartz locally (+ epidote) veins - some dark chloritic zones - approximately 15.60 - 15.85 - quartz (carbonate vein with 5cm zone of 1% pyrite, hematite - 12.00 - 12.19 - fault zone - greenish gray gouge - OB? to approximately 11.00m - lower contact veiney, broken core				Weak sericite (wisps) Weak epidote (veins)	Weak pyrite					

TECK EXPLORATIONS LIMITED

HOLE No. 61

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
19.91-26.45		AUGEN (GNEISS?)				Weak epidote fracture Trace sericite wisps	Weak pyrite (euh. subeuhdral)					
		- approximately 60% calcareous grey white augens (calcareously altered feldspars?)		Banding 75° @ 24.00 m								
		- locally have a pseudo banded texture - could be altered veins or true calcareously altered feldspathic augens										
		- lower contact veined zone										
26.45-27.84		INTERMEDIATE TUFF										
		- same as 7.62 - 19.91										
		- lower contact 50° sharp										
27.84-35.67		AUGEN (GNEISS?)										
		- same as 19.91 - 26.45 plus:										
		- Mafic Dyke - 28.50 - 30.60										
		- upper contact 50° chilled over 4cm										
		- medium green, amygdaloidal, weak magnetite, weak epidote fracture fill										
		- lower contact 70°										
		- lower contact veined										
40.75-44.05		INTERMEDIATE										
		- fine grained, medium green										
		- locally displays transposed banding (light and dark green)										
		- bands up to 1.5 cm										
		- variable tiny dark green wisps? probably original thin bands										
		- local (up to 2cm) mafic dykes @ 38.70										

TECK EXPLORATIONS LIMITED

HOLE No. 61

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
40.75-44.05 (cont'd)		- weak quartz (carbonate ± epidote veins) - lower contact veiney										
44.05-46.34		AUGEN GNEISS - same as before - lower contact 85°										
46.34-47.84		INTERMEDIATE - same as 35.67-44.05 plus: - zones of augen grass up to 20cm - lower contact broken core										
47.84-49.58		AUGEN GNEISS - same as before - lower contact broken core										
49.58-50.08		INTERMEDIATE - same as 35.67-44.05 - lower contact 80°										
50.08-53.55		AUGEN GNEISS - same as before plus: - lower contact 70°										
53.55-54.64		INTERMEDIATE - same as 35.67 - 44.05 plus: - invaded by narrow dioritic dyke - lower contact broken										

TECK EXPLORATIONS LIMITED

HOLE No. 61

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
54.64-56.33		AUGEN GNEISS - same as before plus: - local intermediate zones - lower contact broken core										
56.33-62.94		FAULT ZONE - clay altered feldspar porphyry dyke - possibly grades into augen gneiss ie. looks very similar - approximately 62.50, 62.70 - fault breccia zones, upper angle (62.50) 40°, lower (62.70) 20° both zones approximately 5cm - 60.20 - shearing fabric @ 45° - fault zone comprised of clay altered zones with earthy hematite alternating with sheared ductile zones - lower contact broken core					Weak pyrite diss.					
62.94-66.27		INTERMEDIATE TUFF - fine grained to lapilli, medium green - approximately 63.00 - 64.50 - strong veining causing bleaching effect of intermediate - bleached to white/buff and bluish - lower contact 80° sharp		Fol. 80°		Weak sericite Weak to moderate epidote in veins	Weak pyrite (up to 2% locally), fracture fill Up to 2% hematite locally fracture fill in veins					
66.27-68.38		INTERMEDIATE FLOW - medium to dark green, medium grained intermediate flow				Moderate epidote in veins	Up to 2% hematite locally fracture fill in veins					

TECK EXPLORATIONS LIMITED

HOLE No. 61

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
66.27-68.38 (cont'd)		- moderate quartz veining - with up to 2% hematite fracture fill (veins), pyrite															
		- lower contact 80° sharp															
68.38-77.37		INTERMEDIATE TUFF															
		- fine grained to lapilli, light to medium green					Weak hematite fracture fill										
		- some local, small dioritic dykes (similar to ones in 53.55 - 54.64)					Weak pyrite (up to 2%)										
		- Vein Breccia Zone - 71.00 - 74.24															
		- abundant intermediate tuff fragments caused by veining															
		- hematite patches (up to 5%) common															
		- pyrite up to 4% fracture fill, veins common															
		- 55cm zone of unveined intermediate in middle of zone															
		- contacts variable, irregular		Banding 80° @ 76.20													
		- intermediate variably has banded (light to dark green) and transposed? banded texture (as in before)															
		- lower contact 80° sharp															
77.37-79.13		INTERMEDIATE FLOW															
		- same as 66.27 - 68.38 plus:															
		- less overall hematite															
		- local tuffaceous looking narrow zones - increase near bottom contact															
		- moderate quartz/carbonate veining															
		- lower contact gradational (more tuff - less flow)															

TECK EXPLORATIONS LIMITED

HOLE No. 61

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
79.13-81.31		MUDSTONE/INTERMEDIATE TUFF - predominantly intermediate tuff at top, grades to mudstone rich - commonly banded - intermediate with mudstone and banded within themselves - intermediate tuff - light to medium green, fine grained - mudstone - light to medium grey, fragmented locally graphitic - weak quartz/carbonate veins (mostly thin, narrow approximately 1cm) - lower contact 70° sharp		Banding 80°		Weak epidote in veins	Weak pyrite (up to 2% fracture fill)					
81.31-82.21		INTERMEDIATE FLOW - same as 77.37 - 79.13 plus: - weak hematite fracture fill, veins - lower contact 80° sharp										
82.21-85.33		MUDSTONE/INTERMEDIATE TUFF - continuation of 79.13 - 81.31 - lower contact irregular										
85.33-86.40		INTERMEDIATE TUFF - fine grained, light medium green intermediate tuff - has narrow flow (intermediate) looking zones - lower contact irregular					Weak pyrite f.f. euhedral					
86.40-111.30		INTERMEDIATE FLOW - same as 77.37 - 79.13 plus: - weak pyrite disseminated throughout (2% disseminated pyrite from 92.96 - 98.14m) - hematite fracture fill, veins up to 3% locally (weak overall)										

TECK EXPLORATIONS LIMITED

HOLE No. 61

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
86.40 - 111.30 (cont'd)		- moderate quartz/carbonate veining - some stronger zones										
		- locally has kinkbanding				Weak sericite overall						
		- commonly displays a banded appearance - light to dark green, fine to coarse, etc.				Local Moderate to strong sericite (wisps,bands)						
		- some dark (black) chloritic zones up to 2cm wide				Weak to moderate epidote						
		- locally has fine grained tuff looking zones (bands?) up to 20cm				(veins, fracture fill)						
		- calcite filled amygdules common										
		- 103.80 - 104.39 - Quartz Vein Zone										
		- top contact 20°										
		- vuggy quartz with 2% pyrite hematite mixed in with intermediate flow.										
		- bottom contact 75° sharp										
		- bottom contact gradational										
111.30 - 122.83		INTERMEDIATE (LAPILLI) TUFF										
		- fine grained to commonly lapilli sized (average ≤ 2 - 3mm) tuff		Fol. 75° @ 116.80		Weak sericite overall Moderate sericite (wisps, bands) locally						
		- local zones of intermediate flow										
		- moderate quartz/carbonate veins, veinlets										
		- weak pyrite overall - some stronger zones related to veining										
		- local darker, chloritic zones up to 30cm										
		- 117.30 - approximately 117.46 - Fault Zone										
		- green gray gouge, broken up										
		- trace occurrences of kinkbanding										

TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

HOLE No. 62

COMPANY
PROJECT 1381
PROPERTY FORE

NTS
CLAIM FORD 4
ELEVATION
GRID COORD. 6+88S,6+22W
NORTHING
EASTING

DATE: COLLARED Aug. 28/87
: COMPLETED Aug. 29/87
: LOGGED June 18, 19/90

LOGGED BY: SJ/RF
CORE SIZE: BQ

DEPTH	DIP	AZ.
Collar	-90	135

LENGTH: 81.38m
DEPTH OF OVB:
CASING REMAINING:
WATERLINE LENGTH:
PROBLEMS:

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0-3.05		Casing										
3.05-4.00		RUBBLE - intermediate mafic dyke										
4.00-4.11		MAFIC DYKE										
		- medium green, moderate epidote, non - weak magnetite										
		- contacts core broken										
4.11-5.70		INTERMEDIATE TUFF										
		- fine to medium grained, medium green intermediate		Fol. 50°		Moderate to strong ep.	Weak pyrite FF					
		- cooked up					(up to 2% locally)					
		- moderate to strong epidote - veinlets, stringers										
		caused by mafic dykes (cooking)										
		- patches of mafic dykes										
		- lower contact 25°										
5.70-7.25		MAFIC DYKE										
		- same as 4.10 - 4.11 plus:										
		- top contact 25° - weak chilled										
		- weak disseminated pyrite										
		- amygdaloidal - calcite, epidote filing										
		- lower contact core broken										

TECK EXPLORATIONS LIMITED

HOLE No. 62

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
7.25-8.86		INTERMEDIATE - same as 4.11 - 5.70 - lower contact core broken										
8.86-13.21		MAFIC DYKE - same as 5.70 - 7.25 plus: - 11.17 - 13.21 - mafic dyke swarms mixed in with intermediate - 12.50 - 13.21 - darker, chloritic - lower contact 45°		Fol. 60° @ 12.50								
13.21-17.52		INTERMEDIATE LAPILLI - intermediate lapilli - sheared fragments - sheared: mafics (dark green, black) more felsic - sericitic - buff to white - still moderate to strong epidote veinlets,wisps - still most likely from dyking - weak to moderate sericite (wisps) - lower contact core broken		Shearing 50° @ 17.10								
17.52-19.38		MAFIC DYKE - same as 8.86 - 13.21 - lower contact core broken										
19.38-24.17		INTERMEDIATE LAPILLI - same as 13.21 - 17.52 - lower contact gradational										
24.17-24.77		TRANSITION ZONE - a transition from above fragmental (lapilli) intermediate tuff to non-fragmental (int. tuff) with local cherty bands										

TECK EXPLORATIONS LIMITED

HOLE No. 62

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
24.77-30.84		INTERMEDIATE/CHERT										
		- predominantly intermediate with local chert bands (up to 1.5cm) at top - grades to higher degree of chert bands down section		Fol. 65° @ 28 (folded variable)								
		- become predominantly chert at 27.69m					Pyrite up to 2% Euhedral					
		- chert a greyish green color										
		- still moderate to strong epidote in veins, fracture fill										
		- moderate hematite fracture fill (often with epidote) in chert										
		- lower contact parallel to foliation (55°)										
30.84-38.10		- similar to rocks called augen (gneiss?) in hole 61				Moderate to strong ep. veins	Weak pyrite					
		- now thin apparent augen texture result from bedding transposition - folding and slippage parallel to cleavage				Weak to moderate sericite (wisps)						
		- moderate to strongly sheared										
		- moderate hematite fracture fill (locally)										
		- lower contact veiney										
38.10-38.45		MAFIC DYKE										
		- fine to medium grained, medium green, weak disseminated pyrite										
		- lower contact 65°										
38.45-38.56		- same as 30.84 - 48.10										
		- lower contact core broken										

TECK EXPLORATIONS LIMITED

HOLE No. 62

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
38.56-39.12		MAFIC DYKE - same as 38.10 - 38.45 - lower contact core broken										
39.12-41.00		INTERMEDIATE LAPILLI - same as 13.21 - 17.52 plus: - fragments consist of cherty, sericitic, mafics, quartz - size = ≤ 1mm - 1.5cm - moderately stretched variable - lower contact 50°		Fol. 45° @ 32.00								
41.00-46.64		MAFIC DYKE - medium green, fine to medium grained - some more usually dyke looking zones (massive), some with sericitic speckles, other zones possess weak to moderate foliation (old dyke) - shown by alignment of sericitic speckles, some thicker sericitic wisps and bands - weak quartz veining ± hematite, pyrite - lower contact veiney										
46.64-55.45		INTERMEDIATE LAPILLI - same as 39.12-41.00 plus: - fragments increase down section (fairly fine grained at top) - addition of possible rhyolitic fragments - includes up to 15cm zones of fine grained intermediate with dark green/black wisps - could be transposed dark bands - aligned parallel to foliation - will see longer zones further down hole - lower contact gradational		Fol. 55° @ 50.30			Weak pyrite Weak hematite					

TECK EXPLORATIONS LIMITED

HOLE No. 62

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
55.45-60.37		INTERMEDIATE TUFF - similar to narrow zones of 46.64 to 55.45 - fine to medium grained with abundant dark green/ black wisps - transposed thin bed? - parallel to foliation - lower contact broken core					Weak pyrite diss. Weak hem. (locally to 2% - veins)										
60.37-62.29		INTERMEDIATE LAPILLI - same as 46.64 - 55.45 plus: - moderate to strong epidote in veins - moderate hematite in veins - lower contact 40°															
62.29-64.34		MISED ZONE - INTERMEDIATE LAPILLI AND INTERMEDIATE (FINE GRAINED) TUFF - bands of intermediate lapilli (ie. 60.37 - 62.29) alternating with fine grained intermediate tuff zones - still moderate to strong epidote - light to moderate hematite fracture fill - disseminated pyrite - lower contact 50°															
64.34-71.84		INTERMEDIATE LAPILLI - similar to above intermediate lapilli plus: - predominantly dark green/black fragments - lesser felsic - still moderate to strong epidote - moderate hematite locally - lower contact 50°															

TECK EXPLORATIONS LIMITED

HOLE No. 62

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
71.84-73.08		CHERT - fine grained, strong siliceous, greyish - lower contact 45°										
73.08-73.81		QUARTZ VEIN - trace galena @ 73.10 - bull white with chlorite fracture fill, some sericitic wisps - hematite fracture fill in veins (up to 1%) - 7cm intermediate lapilli zone near base of vein										
73.81-74.07		INTERMEDIATE LAPILLI - same as 64.34 - 71.84 - lower contact veiney		Fol. 55° @ 73.95								
74.07-75.73		INTERMEDIATE TUFF - similar to 55.45 - 60.37 plus: - grades to lapilli sized tuff - lower contact gradational		Fol. 60° @ 75.20								
75.73-81.38		INTERMEDIATE LAPILLI - same as 60.37 - 62.29 plus: - chlorite rich zones - odd breccia sized fragment		Fol. 45° @ 77.23								

TECK EXPLORATIONS LIMITED

HOLE No. 63

DIAMOND DRILL LOG

COMPANY
PROJECT 1381
PROPERTY FORD

NTS
CLAIM FORD 4
ELEVATION
GRID COORD. L9S,6+75W
NORTHING
EASTING

DATE : COLLARED Aug. 30/87
: COMPLETED Sept. 9/87
: LOGGED June 19/90

LOGGED BY : SJ/RF
CORE SIZE : BQ

DEPTH	DIP	AZ.
Collar	-60	135

LENGTH : 117.35m
DEPTH OF OVB :
CASING REMAINING :
WATERLINE LENGTH :
PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS					
0 - 1.22		Casing															
1.22-25.10		INTERMEDIATE TUFF					Weak pyrite FF euhedral										
		- fine grained, medium to dark green															
		- local darker, chloritic zones															
		- moderate calcareous throughout															
		- weak to moderate quartz/carbonate veins, veinlets		Fol. 80° @ 20.20													
		- local epidote, hematite rich zones up to 40cm		Fol. 55° @ 24.85													
		- lower contact gradational															
25.10-41.41		INTERMEDIATE LAPILLI TUFF															
		- similar to above plus:															
		- zones of lapilli tuff alternating with zones of fine intermediate tuff															
		- also local zones of wispy black chlorite (transposed - See hole 62, 61) and possibly zones of pseudo augen "gneiss" texture - also in holes 61,62															
		- lapilli fragments - quartz, mafics, felsics (greyish - sericitic) up to 1.5cm - stretched, transposed?		Fol. 80° @ 35.20													
		- 31.80 - 31.85 - fault gouge zone @ 80°															
		- lower contact gradational															

TECK EXPLORATIONS LIMITED

HOLE No. 63

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
41.41-42.46		INTERMEDIATE TUFF															
		- fine grained, medium to dark green, massive															
		- lower contact															
42.46-48.39		INTERMEDIATE LAPILLI															
		- some fragments as 25.10 - 41.41															
		- fault zone, veined, hematite and epidote from approximately 47.80 - 48.39															
		- lower contact vein															
48.39-53.77		MAFIC DYKE?															
		- most likely a mafic dyke															
		- medium green, to medium grained, massive															
		- weak disseminated pyrite, pyrrhotite															
		- weak to moderate epidote fracture fill, hematite															
		- gouge zone (fault) from approximately 49.30 - 49.68															
		- trace galena @ 53.76															
		- lower contact gradational															
53.77-72.81		INTERMEDIATE															
		- predominantly fine grained intermediate tuff with local lapilli (fine) zones and possible flow zones (coarser)					Weak pyrite (up to 2%										
		- local dark chloritic zones															
		- disseminated magnetite common from 58.00															
		- weak to moderate hematite fracture fill, veins															
		- weak to moderate epidote fracture fill, veins															
		- weak to moderate quartz veins up to 30cm															
		- trace sphalerite @ 69.70 (vein)															
		- 70.41 - 72.81 - darker, chloritic															
		- lower contact parallel to foliation @ 80°															

TECK EXPLORATIONS LIMITED

HOLE No. 63

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
72.81-76.50		INTERMEDIATE LAPILLI - lapilli fragments in medium green intermediate matrix - fragments - intermediate, sericitic, quartz up to 1.5cm - 73.67 - 74.61 - sphalerite, hematite, pyrite (seems like mostly hematite, but previous sample over this interval ran 1.73% Zn.) - lower contact broken core										
76.50-81.44		INTERMEDIATE (TRANSPOSED) - fine grained, medium to dark green intermediate with darker chloritic zones and dark chloritic wisps (transposed) as previously noted in holes 61, 62 - local siliceous zone proximal to veins - transposed beds up to 2cm wide in various stage of transposition - lower contact gradational										
81.44 - 106.96		INTERMEDIATE LAPILLI - same as previous lapilli - grades into lapilli from above transposed intermediate - locally has finer intermediate zones - still weak to moderate epidote, hematite, fracture fill, veins - lower contact 75°		Fol. 85° @ 86.40 80°@105.80			Weak pyrite FF wisps, up to 3% locally					

TECK EXPLORATIONS LIMITED

HOLE No. 63

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
106.96 - 117.35		INTERMEDIATE - fine grained, medium to dark green - light chloritic zones, bands - weak pyrite - weak to moderate epidote fracture fill, veins, weak hematite - 114.95 - 117.35 - folded zone, foliation 80° to parallel to core - moderate to strong epidote, hematite - moderate to strong veining - could be local lapilli (fire) zones at bottom of section															

TECK EXPLORATIONS LIMITED

HOLE No. 67

DIAMOND DRILL LOG

COMPANY

PROJECT 1381

PROPERTY FORD

NTS

CLAIM FORD 4?

ELEVATION

GRID COORD. L54W, 13+50S

NORTHING

EASTING

DATE : COLLARED Sept. 17/87

: COMPLETED Sept. 19/87

: LOGGED June 20/90

LOGGED BY : SJ/RF

CORE SIZE : BQ

DEPTH	DIP	AZ.
Collar	-45	135

LENGTH : 79.55m

DEPTH OF OVB :

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
0-3.66		Casing										
3.66-41.53		ORTHOGNEISS (GRANODIORITE)										
		- medium to coarse grained, strong siliceous (light to medium dark grey					Diss Py throughout Local concs in quartz veins					
		- some local fine grained zones - usually proximal to bull white quartz veins										
		- some areas almost? look rhyodacitic - but probably weak orthogneiss (granodiorite)					Rare trace Gal and Sph throughout (fracture fill)					
		- some local darker more chloritic zones										
		- quartz vein 10.17 - 10.67										
		- upper contact 15°, bottom broken bull white										
		- quartz vein 13.60 - 13.84 (0° - parallel to core) minor galena (up to 1%), trace sphalerite pyrite up to 5% - blobs										
		- 37.42 - 39.32 - darker (chlorite) fine grained almost cherty looking										

TECK EXPLORATIONS LIMITED

HOLE No. 67

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
3.66-41.53 (cont'd)		- 39.32 - 47.53 - moderate to strong foliated (before weakly foliated) folation @ 45° @ 43.80, 50° @ 45.50										
		- 44.20 - 44.90 - bull white quartz vein upper contact 10° - lower contact 20°										
47.53-56.30		INTERMEDIATE - start of trace sphalerite zone (sphalerite wisps, fracture fill) - rare trace galena - weak foliated - start of transposed section										
56.30-79.55		56.30 - 62.18 - Granodiorite - same as beginning of hole - old sample 60.93 - 62.18 ran .05 Cu, .47 Pb, .34 Zn, 4% overall pyrite, minor sphalerite										
		62.18 - 63.68 - fine grained, light grey, buffy - siliceous, sericitic (only weakly chloritic)										
		63.68 - 72.38 - same as beginning of hole except finer grained										
		72.38 - 77.22 - Quartz Feldspar Crystal Tuff - abundant quartz crystals, possibly minor feldspar crystals - foliation 45° @ 73.00m - could possibly be a shear zone within orthogneiss										

TECK EXPLORATIONS LIMITED

HOLE No. 67

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
66.30-79.55 (cont'd)		- 77.22 - 77.67 - shear zone shearing @ 40°, fine grained, dark grey										
		77.67 - 78.64 - mafic dyke										
		- 78.64 - 79.55 - Fault Zone - fault zone (sandy grey gouge) with numerous mafic dykes										

TECK EXPLORATIONS LIMITED

HOLE No. 68

DIAMOND DRILL LOG

COMPANY

PROJECT 1381

PROPERTY FORD (WAD)

NTS

CLAIM WAD 1 close to AXL, WAD1, JAN3FR, FORD 4 boundaries

ELEVATION

GRID COORD. L52W, 13+00S

NORTHING

EASTING

DATE : COLLARED Sept 20/87

: COMPLETED Sept 21/87

: LOGGED June 20/90

LOGGED BY : SJ/RF

CORE SIZE : BQ

DEPTH	DIP	AZ.
Collar	-45	135

LENGTH : 114.30m

DEPTH OF OVB :

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH (m)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
0-3.05		Casing														
3.05-7.38		INTERMEDIATE														
			95%				Weak pyrite up to	20007	4.60	5.60	1.0	1636	17043	12285	9.5	22
		- fine grained, medium to dark green	100%			Moderate chlorite	3% locally	20008	5.60	5.93	1.33	3864	19909	19307	22.4	33
		- has transposed texture				Very weak ser. (wisps)										
		- weak pyrite throughout, locally to 3%, euhedral, subhedral, fracture fill														
		- 4.60 - 5.93 - minor galena, trace sphalerite														
		- moderate quartz/carbonate veins														
		- lower contact gradational														
7.38-25.62		RHYODACITE														
		- fine grained, light greenish grey to grey		Fol. 80°		Moderate sericite										
		- moderate to strong siliceous		9.00 m												
		- moderate sericite alteration														
		- weak pyrite throughout, up to 3% locally														
		- 16.17 - 16.47 = minorgalena, 2% pyrite in broken up veiney zone														
		- 17.08 - 18.56 - browny, pitted, oxidized?														
		- weak to moderate speckle texture - specks up 3mm = mode 1mm, chloritized														

TECK EXPLORATIONS LIMITED

HOLE No. 68

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO	FROM	TO	LENGTH	RESULTS
25.62-37.24		RHYODACITE OR ORTHOGNEISS? - coarser speckles (chloritized) but now looks somewhat similar to orthogneiss of hole 67 and lithology further down hole - however down hole gdi, non-foliated? - lower contact gradational					Pyrite up to 3% locally					
37.24-50.29		RHYODACITE - finer grained - similar to 7.38 - 25.62 plus: - variable transposed texture - lower contact gradational										
50.29-53.99		RHYODACITE OR ORTHOGNEISS (Granodiorite) - similar to 25.62 - 37.24 plus: - coarse grained - not as speckly (chlorite speckles) - lower contact										
53.99-56.33		RHYODACITE - similar to 37.24-50.29 - same intrusive looking zones - lower contact core broken										
56.33-57.14		FAULT ZONE - grey green gouge near U/L contacts - broken core - lower contact 45°										
57.14-57.58		RHYODACITE - same as 53.99 - 56.33 - lower contact gradational										

TECK EXPLORATIONS LIMITED

HOLE No. 68

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS
57.58-64.73		RHYODACITE OR ORTHOGNEISS (GDI)										
		- same as 50.29 - 53.99										
		- uniformly intrusive looking										
		- lower contact irregular										
64.73-67.45		MIXED ZONE - ORTHOGNEISS (GDI) WITH INTERMEDIATE										
		- mixed zone with patches/zones of orthogneiss and intermediate										
		- lower contact approximately 65°										
67.45-84.05		GRANODIORITE										
		- non to very weak foliated classic intrusive										
		- variable mafic (intermediate) xenoliths, patches										
		- weak pyrite										
		- lower contact 80°										
84.05-85.84		INTERMEDIATE										
		- fine grained, dark green to black										
		- variable transposed texture										
		- weak pyrite (up to 2% veins)										
		- lower contact irregular										
85.84-90.56		INTERMEDIATE WITH GDI (GN. INTRUSIVE) DYKES/ZONES										
		- predominantly fine grained intermediate (like 84.05 - 85.84) but with variable gdi (gneiss intrusive) patches or dykes		Fol. 80°								
		- weak pyrite										
		- lower contact irregular										

TECK EXPLORATIONS LIMITED

HOLE No. 68

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
90.56-93.55		GDI INTRUSIVE (WEAK GNEISS:) - same as 67.45 - 84.05 plus: - variable medium to coarse grained - lower contact irregular										
93.55 - 100.45		INTERMEDIATE - fine grained, medium to dark green and black - 95.82 - 95.95 - massive magneite with 2% pyrite - 96.35 - 97.21 - intermediate with fairly abundant cherty (fine grained, siliceous, grey) bands - broken up - lower contact gradational		Fol. 80°			Weak Pyrite (up to 2% locally in veins, F.F.) 95.82-95.95 - massive sulphide - magnetite with 2% pyrite					
100.45 - 101.25		TRANSITION ZONE - INTERMEDIATE WITH GDI DYKES - lower contact irregular										
101.25 - 104.06		GDI INTRUSIVE - same as 90.56 - 93.55 - lower contact irregular										
104.06 - 107.02		INTERMEDIATE - same as 84.05 - 85.84 plus: - transposed texture very prominent - weak local gdi dykes (< 5cm) - lower contact 80°										

TECK EXPLORATIONS LIMITED

HOLE No. 68

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA SAMPLE NO	FROM	TO	LENGTH	RESULTS					
107.02 - 109.48		GDI INTRUSIVE - same as 90.56 - 93.55 - lower contact 70°															
109.48 110.94		INTERMEDIATE - same as 104.06 - 107.02 plus: - 110.20 - 110.27 - 7% pyrite in vein - lower contact irregular					110.20 - 110.27 - 7% pyrite in quartz vein										
110.94 - 113.30		GDI INTRUSIVE - same as 90.56 - 93.55 - lower contact 90° irregular															
113.30 - 114.30		INTERMEDIATE - same as 84.05 - 85.84															

TECK EXPLORATIONS LIMITED

HOLE No. DDH88-96

DIAMOND DRILL LOG

COMPANY

PROJECT 1381

PROPERTY FORD

NTS Immediately South of Ford 1

CLAIM

ELEVATION

GRID COORD. 7+25N (725m North) of Km7 along main road)

NORTHING

EASTING

DATE : COLLARED Feb. 14/88

: COMPLETED Feb 15/88

: LOGGED June 13/90

LOGGED BY : SJ/RF

CORE SIZE : NQ

DEPTH	DIP	AZ.
Collar	-45	148

LENGTH : 76.20 m

DEPTH OF OVB :

CASING REMAINING :

WATERLINE LENGTH :

PROBLEMS :

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS					
0-1.52		Casing															
1.52-5.97		QUARTZ SERICITE PHYLLITE															
		- strongly weathered to 3.60m		Strong Fol		Moderate sericite	Weak diss. py.										
		- minor chlorite		70°@4.57m		(wisps, bands)											
		- 5.62-5.69, 5.74-5.79 - fault zones contacts 65°, gougey															
		- predominantly sericite and quartz with minor chlorite															
		- clastic nature - lapilli?															
		- lower contact gradational															
5.97-6.95		CHL SER (QTZ) PHYLLITE (INTERMEDIATE TUFF)															
		- dominant chlorite with lesser sericite and quartz		60°@6.30m		Strong Chl, Weak Ser	Weak diss. py										
		- most likely intermediate tuff originally															
		- has "squashed" lapilli texture															
		- lower contact gradational															
6.95-12.59		QUARTZ SERICITE PHYLLITE															
		- same as 1.52 - 5.97				Moderate to strong Ser											
		- minor chlorite															
		- moderate orangeish alteration - probable carbonate alteration				Weak chl.											
		- grey to buff colored rock overall															

TECK EXPLORATIONS LIMITED

HOLE No. DDH88-96

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
6.95-12.59 (cont'd)		- locally quartz eyed - 1 - 3mm diameter feldspar grains - fine grained, more siliceous in middle of section (less sericite alteration) - lower contact gradational										
12.59-16.76		SERICITE CHLORITE PHYLLITE - same as 6.95 - 12.59 plus: - more chloritic - up to 2% disseminated euhedral pyrite - odd quartz eye - still has orange feldspar alteration - lower contact gradational		Fol. 80°		Weak to moderate Ser. Moderate to strong Chl	up to 2% Pyrite					
16.76-24.52		CHLORITE SERICITE (QUARTZ) PHYLLITE (INTERMEDIATE TUFF) - same as 5.91 - 6.95 plus: - still clastic looking - pyrite up to 1% - disseminated euchedral, fracture fill - lower contact gradational		Fol 80° 21.00m			Pyrite up to 1%					
24.52-34.80		SERICITE CHLORITE PHYLLITE - same as 12.59 - 16.76 plus: - pyrite up to 2% - euhedral disseminated, fracture fill - still has orangey carbonate, alteration - trace light Cp. - 28.78 - 0.5 cm Cp. rich vein zone 26.75 - 27.48: - lighter, more siliceous, less chloritic, coarser fragmental zone, trace Cp. - bottom contact gradational		Fol. 70-80°			Up to 2% pyrite Light trace Cp 28.78 - 1/2cm Cp rich vein zone					

TECK EXPLORATIONS LIMITED

HOLE No. DDH88-96

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS					
34.80-44.75		QUARTZ SERICITE CHLORITE PHYLLITE															
		- clear to blue, oval shaped quartz eyes predominantly with pressure shadows		Fol. 70-80°			Pyrite up to 1%, Euh, Diss, FF										
		- light grey overall appearance (more felsic)															
		- still has orange carbonate alteration															
		- lower contact gradational															
44.75-52.53		CHLORITE SERICITE PHYLLITE															
		- fine grained at top, gradual coarsens to a coarse grained, granular texture.															
		- locally has blue quartz eyes															
		- 45.72 - small fault zone @ 20°															
		- lower contact gradational over 2cm															
52.53-57.24		QUARTZ SERICITE PHYLLITE															
		- fine grained, siliceous, grey, sericite, quartz															
		- medium grained lapilli at top of zone (ie. Top metre)															
		- 56.79 - 56.89 - Fault Zone															
		- top contact 50°															
		- fault breccia															
		- lower contact 75°															
57.24-59.00		QUARTZ EYED CHLORITE SERICITE PHYLLITE LAPILLI TUFF															
		- rounded quartz eyes up to 0.5cm															
		- contains lithic fragments - up to 1cm															
		- fragments - dark chloritic, some have quartz eyes															
		- could be reworked - ie.volcanoclastic by evidence of rounded quartz eyes and multilithics															
		- possible trace cp, minor pyrite															
		- lower contact broken up															

TECK EXPLORATIONS LIMITED

HOLE No. DDH 88-96

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	RESULTS
59.00-76.20		SERICITE (CHLORITE) PHYLLITE - light grey, fine grained siliceous, sericite, minor chlorite phyllite - weakly phyllitic - strong quartz veining - breccia veining - chlorite fracture fill in veining - still has orangey carbonate alteration - breccia veining ends at 68.20m - same rock type contains - 70.30 - 70.88 - minor sphalerite fracture fill, trace Cp. 71.56 - 72.30: - fault breccia zone - rare trace sphalerite - top contact 25° - bottom contact - increased quartz veining 74 → EOH		Weak Fol approx. 80-90°		Moderate to strong Ser Weak to Moderate Chl	70.30-70.88 - Minor Sph, FF, Trace Cp.					

APPENDIX VII

IP Survey - Summary of Data Listings

IPR-11 SPECTRAL ANALYSIS SUMMARY

LINE NO. = 2000

Station	Dipole	Vp	Apparent Resist.	M7	M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
425	1	624.0	489.8	6.1	245.52	.01	.10	-2000.00	-2000.000	1.57	-2000.00
	2	298.3	702.5	6.3	243.31	.03	.10	-2000.00	-2000.000	1.09	-2000.00
	3	100.4	471.9	5.5	222.99	.01	.10	-2000.00	-2000.000	1.68	-2000.00
	4	94.6	742.5	5.8	123.25	.10	.20	-2000.00	-2000.000	1.79	-2000.00
	5	107.9	1270.5	6.6	262.04	.01	.10	-2000.00	-2000.000	1.28	-2000.00
448	1	1010.0	704.8	5.1	107.65	.10	.20	-2000.00	-2000.000	1.41	-2000.00
	2	226.1	473.3	4.9	104.62	.10	.20	-2000.00	-2000.000	1.51	-2000.00
	3	175.4	732.8	5.3	113.20	.10	.20	-2000.00	-2000.000	1.78	-2000.00
	4	233.5	1629.3	6.3	132.78	.10	.20	-2000.00	-2000.000	.92	-2000.00
	5	112.6	1178.5	6.8	258.34	.03	.10	-2000.00	-2000.000	1.91	-2000.00
471	1	542.0	340.0	3.4	88.92	.01	.20	-2000.00	-2000.000	1.66	-2000.00
	2	338.4	637.0	4.3	112.23	.01	.20	-2000.00	-2000.000	1.60	-2000.00
	3	407.1	1530.0	5.7	122.03	.10	.20	-2000.00	-2000.000	1.66	-2000.00
	4	177.1	1110.0	6.1	129.33	.10	.20	-2000.00	-2000.000	1.51	-2000.00
	5	114.8	1080.0	7.7	284.07	.10	.10	-2000.00	-2000.000	2.11	-2000.00
494	1	580.6	552.0	2.6	69.48	.01	.20	-2000.00	-2000.000	3.58	-2000.00
	2	528.4	1508.0	4.6	73.58	.10	.30	-2000.00	-2000.000	1.57	-2000.00
	3	195.0	1110.0	5.2	112.56	.10	.20	-2000.00	-2000.000	1.65	-2000.00
	4	111.4	1050.0	7.1	278.08	.01	.10	-2000.00	-2000.000	1.26	-2000.00
	5	110.2	1570.0	9.2	311.60	3.00	.10	-2000.00	-2000.000	1.11	-2000.00
518	1	1035.0	810.0	3.7	70.78	.03	.30	-2000.00	-2000.000	1.67	-2000.00
	2	321.3	756.0	4.4	114.45	.01	.20	-2000.00	-2000.000	1.53	-2000.00
	3	175.8	820.0	6.4	253.55	.01	.10	-2000.00	-2000.000	1.57	-2000.00
	4	156.7	1230.0	8.3	294.24	1.00	.10	-2000.00	-2000.000	1.96	-2000.00
	5	123.9	1450.0	9.8	361.59	.01	.10	-2000.00	-2000.000	2.36	-2000.00
540	1	630.4	565.0	3.6	58.86	.10	.30	-2000.00	-2000.000	1.80	-2000.00
	2	266.5	717.0	5.6	120.39	.10	.20	-2000.00	-2000.000	1.98	-2000.00
	3	210.0	1120.0	7.7	285.45	.10	.10	-2000.00	-2000.000	1.24	-2000.00
	4	151.9	1360.0	9.1	311.76	3.00	.10	-2000.00	-2000.000	.87	-2000.00
	5	50.8	683.0	11.1	203.13	10.00	.20	-2000.00	-2000.000	1.55	-2000.00
562	1	1111.0	770.0	4.5	104.54	.03	.20	-2000.00	-2000.000	1.64	-2000.00
	2	617.1	1291.0	7.0	274.66	.01	.10	-2000.00	-2000.000	1.31	-2000.00
	3	350.4	1460.0	8.3	290.89	1.00	.10	-2000.00	-2000.000	1.32	-2000.00
	4	111.2	770.0	10.1	186.03	10.00	.20	-2000.00	-2000.000	1.42	-2000.00
	5	55.6	582.0	11.0	72.53	.30	.60	-2000.00	-2000.000	13.12	-2000.00
583	1	1315.0	930.0	6.2	247.25	.01	.10	-2000.00	-2000.000	1.61	-2000.00
	2	647.3	1385.0	7.3	266.87	.10	.10	-2000.00	-2000.000	1.36	-2000.00

Station	Dipole	Vp	Apparent Resist.	M7	M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
	3	141.0	600.0	9.6	178.10	10.00	.20	-2000.00	-2000.000	1.44	-2000.00
	4	75.8	541.0	10.4	189.93	10.00	.20	-2000.00	-2000.000	1.26	-2000.00
	5	61.8	662.0	10.4	341.91	30.00	.10	-2000.00	-2000.000	.96	-2000.00
605	1	1159.0	820.0	5.7	228.14	.01	.10	-2000.00	-2000.000	1.12	-2000.00
	2	245.7	526.0	7.7	273.07	100.00	.10	-2000.00	-2000.000	.85	-2000.00
	3	130.0	550.0	9.5	175.66	10.00	.20	-2000.00	-2000.000	1.34	-2000.00
	4	97.8	698.0	9.8	330.91	100.00	.10	-2000.00	-2000.000	1.25	-2000.00
	5	42.6	456.0	11.0	360.88	100.00	.10	-2000.00	-2000.000	1.00	-2000.00
625	1	636.4	624.0	5.4	204.26	.10	.10	-2000.00	-2000.000	1.74	-2000.00
	2	218.3	642.0	7.9	274.26	30.00	.10	-2000.00	-2000.000	1.21	-2000.00
	3	144.1	840.0	8.3	294.55	.30	.10	-2000.00	-2000.000	.82	-2000.00
	4	57.9	568.0	11.2	221.73	100.00	.20	-2000.00	-2000.000	2.56	-2000.00
	5	49.8	733.0	13.4	191.53	30.00	.30	-2000.00	-2000.000	6.13	-2000.00
646	1	327.2	513.0	5.1	199.88	.03	.10	-2000.00	-2000.000	1.10	-2000.00
	2	141.7	667.0	6.5	235.04	30.00	.10	-2000.00	-2000.000	1.04	-2000.00
	3	64.6	607.0	8.5	297.15	100.00	.10	-2000.00	-2000.000	1.35	-2000.00
	4	45.3	711.0	11.1	363.54	100.00	.10	-2000.00	-2000.000	1.29	-2000.00
	5	114.0	2680.0	18.7	337.93	100.00	.20	-2000.00	-2000.000	1.35	-2000.00
668	1	418.0	437.0	4.2	173.31	.01	.10	-2000.00	-2000.000	2.11	-2000.00
	2	163.1	512.0	6.3	233.21	.10	.10	-2000.00	-2000.000	4.31	-2000.00
	3	100.5	620.0	9.3	319.87	100.00	.10	-2000.00	-2000.000	1.34	-2000.00
	4	249.4	2610.0	17.3	316.48	100.00	.20	-2000.00	-2000.000	1.45	-2000.00
	5	98.6	1547.0	19.7	351.73	100.00	.20	-2000.00	-2000.000	.91	-2000.00
688	1	439.6	306.0	3.4	80.09	.03	.20	-2000.00	-2000.000	1.43	-2000.00
	2	236.9	495.0	6.7	242.15	1.00	.10	-2000.00	-2000.000	1.30	-2000.00
	3	525.5	2190.0	15.4	274.75	30.00	.20	-2000.00	-2000.000	1.06	-2000.00
	4	193.3	1340.0	18.6	334.46	100.00	.20	-2000.00	-2000.000	2.42	-2000.00
	5	94.6	990.0	16.7	293.93	30.00	.20	-2000.00	-2000.000	1.52	-2000.00
708	1	278.9	250.0	4.0	85.51	.10	.20	-2000.00	-2000.000	1.83	-2000.00
	2	537.8	1447.0	13.2	240.88	30.00	.20	-2000.00	-2000.000	1.49	-2000.00
	3	183.8	980.0	17.2	314.57	100.00	.20	-2000.00	-2000.000	1.29	-2000.00
	4	83.0	744.0	15.4	274.99	30.00	.20	-2000.00	-2000.000	1.34	-2000.00
725	1	817.6	693.0	10.9	209.58	30.00	.20	-2000.00	-2000.000	2.66	-2000.00
	2	222.6	566.0	15.7	292.61	100.00	.20	-2000.00	-2000.000	1.55	-2000.00
	3	109.9	550.0	14.5	261.55	30.00	.20	-2000.00	-2000.000	1.62	-2000.00
750	1	214.6	292.0	14.4	274.70	100.00	.20	-2000.00	-2000.000	1.43	-2000.00
	2	90.5	370.5	13.6	248.24	30.00	.20	-2000.00	-2000.000	1.70	-2000.00
775	1	420.5	776.0	14.2	270.94	100.00	.20	-2000.00	-2000.000	1.25	-2000.00

Cole-Cole Parameters: M-IP, TAU-IP, C-IP, M-EM, TAU-EM

IPR-11 SPECTRAL ANALYSIS SUMMARY

LINE NO. : 2100

Station	Dipole	Vp	Apparent Resist.	M7	Cole-Cole Parameters M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
425	1	1191.0	1010.0	4.7	194.37	.01	.10	-2000.00	-2000.000	1.86	-2000.00
	2	415.4	1057.0	6.1	227.91	.30	.10	-2000.00	-2000.000	1.36	-2000.00
	3	181.6	920.0	7.8	286.29	.10	.10	-2000.00	-2000.000	.81	-2000.00
	4	116.8	990.0	9.0	310.17	30.00	.10	-2000.00	-2000.000	.98	-2000.00
	5	79.6	1013.0	9.0	310.52	1.00	.10	-2000.00	-2000.000	1.26	-2000.00
450	1	862.6	773.0	4.8	194.76	.01	.10	-2000.00	-2000.000	1.05	-2000.00
	2	273.0	734.0	7.1	252.35	1.00	.10	-2000.00	-2000.000	1.02	-2000.00
	3	163.7	870.0	8.6	301.09	100.00	.10	-2000.00	-2000.000	1.21	-2000.00
	4	104.1	930.0	8.5	297.81	30.00	.10	-2000.00	-2000.000	1.90	-2000.00
	5	63.2	850.0	9.1	308.68	30.00	.10	-2000.00	-2000.000	2.91	-2000.00
475	1	628.9	448.0	6.0	221.77	.30	.10	-2000.00	-2000.000	.91	-2000.00
	2	319.7	684.0	8.0	281.08	100.00	.10	-2000.00	-2000.000	.98	-2000.00
	3	178.4	760.0	8.1	282.74	30.00	.10	-2000.00	-2000.000	.99	-2000.00
	4	97.3	694.0	8.4	291.03	30.00	.10	-2000.00	-2000.000	1.21	-2000.00
	5	86.4	924.0	8.8	301.29	10.00	.10	-2000.00	-2000.000	.90	-2000.00
497	1	1103.0	860.0	6.5	235.65	100.00	.10	-2000.00	-2000.000	1.28	-2000.00
	2	426.8	1005.0	7.3	257.85	10.00	.10	-2000.00	-2000.000	1.12	-2000.00
	3	161.8	760.0	7.6	268.42	1.00	.10	-2000.00	-2000.000	1.01	-2000.00
	4	135.1	1060.0	8.4	291.12	100.00	.10	-2000.00	-2000.000	1.35	-2000.00
	5	83.5	983.0	12.9	414.72	100.00	.10	-2000.00	-2000.000	1.51	-2000.00
517	1	1105.0	860.0	5.4	210.18	.03	.10	-2000.00	-2000.000	1.31	-2000.00
	2	329.8	776.0	6.6	254.27	.03	.10	-2000.00	-2000.000	1.01	-2000.00
	3	186.8	870.0	8.1	285.18	1.00	.10	-2000.00	-2000.000	.94	-2000.00
	4	116.5	910.0	12.4	223.09	10.00	.20	-2000.00	-2000.000	1.28	-2000.00
	5	117.8	1380.0	14.4	251.03	10.00	.20	-2000.00	-2000.000	1.20	-2000.00
536	1	904.4	811.0	4.5	96.10	.10	.20	-2000.00	-2000.000	1.73	-2000.00
	2	323.5	870.0	7.3	263.10	1.00	.10	-2000.00	-2000.000	1.34	-2000.00
	3	169.9	910.0	11.1	364.91	100.00	.10	-2000.00	-2000.000	.81	-2000.00
	4	142.2	1270.0	13.7	241.77	3.00	.20	-2000.00	-2000.000	5.18	-2000.00
	5	31.1	418.0	10.2	342.28	30.00	.10	-2000.00	-2000.000	1.32	-2000.00
558	1	552.5	693.0	6.6	245.80	.10	.10	-2000.00	-2000.000	1.10	-2000.00
	2	228.3	860.0	10.5	349.01	30.00	.10	-2000.00	-2000.000	.81	-2000.00
	3	122.8	920.0	13.3	236.31	10.00	.20	-2000.00	-2000.000	1.13	-2000.00
	4	36.5	458.0	10.5	349.95	100.00	.10	-2000.00	-2000.000	1.15	-2000.00
	5	13.6	256.0	11.0	361.05	100.00	.10	-2000.00	-2000.000	1.70	-2000.00
582	1	1096.0	930.0	9.5	323.38	100.00	.10	-2000.00	-2000.000	.83	-2000.00
	2	342.8	872.0	14.0	246.15	10.00	.20	-2000.00	-2000.000	.80	-2000.00

Station	Dipole	Vp	Apparent Resist.	M7	M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
	3	89.6	455.0	10.8	355.92	100.00	.10	-2000.00	-2000.000	.88	-2000.00
	4	33.0	280.0	11.5	219.18	30.00	.20	-2000.00	-2000.000	2.80	-2000.00
	5	53.4	679.0	15.2	266.01	10.00	.20	-2000.00	-2000.000	1.20	-2000.00
602	1	540.3	514.0	15.3	273.66	30.00	.20	-2000.00	-2000.000	1.07	-2000.00
	2	126.8	361.0	11.9	214.21	10.00	.20	-2000.00	-2000.000	1.26	-2000.00
	3	46.1	262.0	12.2	392.72	100.00	.10	-2000.00	-2000.000	1.16	-2000.00
	4	59.5	566.0	16.0	276.74	10.00	.20	-2000.00	-2000.000	1.28	-2000.00
	5	31.7	451.0	16.5	310.16	100.00	.20	-2000.00	-2000.000	3.64	-2000.00
620	1	281.1	294.0	15.7	271.92	10.00	.20	-2000.00	-2000.000	1.16	-2000.00
	2	96.5	303.1	15.7	272.56	10.00	.20	-2000.00	-2000.000	1.51	-2000.00
	3	118.4	740.0	18.9	317.94	10.00	.20	-2000.00	-2000.000	1.14	-2000.00
	4	51.9	543.0	20.0	338.48	30.00	.20	-2000.00	-2000.000	.92	-2000.00
	5	47.8	750.0	20.1	356.36	100.00	.20	-2000.00	-2000.000	1.45	-2000.00
645	1	1226.0	760.0	10.3	343.44	100.00	.10	-2000.00	-2000.000	1.28	-2000.00
	2	903.8	1702.0	15.3	266.55	10.00	.20	-2000.00	-2000.000	1.14	-2000.00
	3	299.8	1120.0	18.2	315.78	30.00	.20	-2000.00	-2000.000	1.23	-2000.00
	4	213.1	1330.0	19.3	329.17	30.00	.20	-2000.00	-2000.000	1.21	-2000.00
	5	100.2	940.0	20.3	342.13	30.00	.20	-2000.00	-2000.000	1.15	-2000.00
670	1	1864.0	1460.0	7.9	280.21	1.00	.10	-2000.00	-2000.000	.96	-2000.00
	2	492.3	1159.0	12.5	224.58	10.00	.20	-2000.00	-2000.000	1.16	-2000.00
	3	305.1	1430.0	15.6	278.92	30.00	.20	-2000.00	-2000.000	1.20	-2000.00
	4	113.4	890.0	17.5	303.94	30.00	.20	-2000.00	-2000.000	1.18	-2000.00
	5	56.3	663.0	18.3	315.59	30.00	.20	-2000.00	-2000.000	1.11	-2000.00
695	1	1565.0	910.0	7.8	277.41	100.00	.10	-2000.00	-2000.000	1.07	-2000.00
	2	652.2	1137.0	12.5	231.44	30.00	.20	-2000.00	-2000.000	1.37	-2000.00
	3	249.7	860.0	15.1	270.26	30.00	.20	-2000.00	-2000.000	1.39	-2000.00
	4	106.0	610.0	15.7	290.01	30.00	.20	-2000.00	-2000.000	4.19	-2000.00
720	1	1341.0	1130.0	8.8	302.35	100.00	.10	-2000.00	-2000.000	1.19	-2000.00
	2	358.9	913.0	12.4	229.16	30.00	.20	-2000.00	-2000.000	1.42	-2000.00
	3	129.2	650.0	14.8	265.83	30.00	.20	-2000.00	-2000.000	1.97	-2000.00
745	1	743.0	666.0	8.7	163.68	10.00	.20	-2000.00	-2000.000	1.40	-2000.00
	2	226.5	609.0	12.0	216.51	10.00	.20	-2000.00	-2000.000	1.82	-2000.00
770	1	425.3	741.0	6.6	236.53	30.00	.10	-2000.00	-2000.000	1.50	-2000.00

IPR-11 SPECTRAL ANALYSIS SUMMARY

LINE NO. : 2150

Station	Dipole	Vp	Apparent Resist.	M7	Cole-Cole Parameters M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
425	1	328.6	396.0	5.0	203.63	.01	.10	-2000.00	-2000.000	1.83	-2000.00
	2	208.6	755.0	6.6	238.03	10.00	.10	-2000.00	-2000.000	1.39	-2000.00
	3	92.3	667.0	9.1	312.30	100.00	.10	-2000.00	-2000.000	1.14	-2000.00
	4	63.2	763.0	10.9	358.37	100.00	.10	-2000.00	-2000.000	1.40	-2000.00
	5	38.7	700.0	12.0	213.30	10.00	.20	-2000.00	-2000.000	2.56	-2000.00
447	1	383.0	522.0	5.3	197.96	.30	.10	-2000.00	-2000.000	1.26	-2000.00
	2	136.7	559.0	8.1	282.82	100.00	.10	-2000.00	-2000.000	.81	-2000.00
	3	87.8	717.0	9.8	356.98	.03	.10	-2000.00	-2000.000	1.48	-2000.00
	4	56.4	769.0	12.0	234.18	100.00	.20	-2000.00	-2000.000	2.57	-2000.00
	5	37.3	763.0	12.3	399.01	100.00	.10	-2000.00	-2000.000	1.07	-2000.00
468	1	636.0	499.0	5.5	200.85	3.00	.10	-2000.00	-2000.000	.87	-2000.00
	2	318.6	750.0	9.2	170.69	10.00	.20	-2000.00	-2000.000	1.30	-2000.00
	3	165.2	770.0	10.4	188.32	10.00	.20	-2000.00	-2000.000	1.30	-2000.00
	4	109.6	860.0	11.1	368.04	100.00	.10	-2000.00	-2000.000	1.10	-2000.00
	5	60.2	708.0	14.3	251.39	10.00	.20	-2000.00	-2000.000	1.04	-2000.00
490	1	765.3	801.0	6.8	243.89	100.00	.10	-2000.00	-2000.000	1.12	-2000.00
	2	295.4	927.0	9.1	169.21	10.00	.20	-2000.00	-2000.000	1.08	-2000.00
	3	130.6	810.0	10.5	350.18	100.00	.10	-2000.00	-2000.000	1.13	-2000.00
	4	71.9	752.0	13.4	237.55	10.00	.20	-2000.00	-2000.000	1.06	-2000.00
	5	62.0	973.0	15.3	264.43	10.00	.20	-2000.00	-2000.000	3.56	-2000.00
508	1	1213.0	950.0	6.7	241.78	100.00	.10	-2000.00	-2000.000	.87	-2000.00
	2	360.7	849.0	9.1	309.34	3.00	.10	-2000.00	-2000.000	.81	-2000.00
	3	176.7	830.0	12.4	222.76	10.00	.20	-2000.00	-2000.000	.95	-2000.00
	4	95.7	751.0	15.4	267.24	10.00	.20	-2000.00	-2000.000	.88	-2000.00
	5	40.5	477.0	14.2	251.67	10.00	.20	-2000.00	-2000.000	1.53	-2000.00
527	1	1156.0	720.0	7.9	279.34	1.00	.10	-2000.00	-2000.000	1.14	-2000.00
	2	412.8	777.0	11.5	374.46	100.00	.10	-2000.00	-2000.000	1.02	-2000.00
	3	175.7	660.0	15.2	265.88	10.00	.20	-2000.00	-2000.000	1.43	-2000.00
	4	64.5	404.0	13.9	433.30	100.00	.10	-2000.00	-2000.000	.80	-2000.00
	5	47.8	449.0	14.6	256.05	10.00	.20	-2000.00	-2000.000	1.38	-2000.00
545	1	740.2	704.0	10.4	347.94	100.00	.10	-2000.00	-2000.000	1.04	-2000.00
	2	197.4	563.0	15.0	261.87	10.00	.20	-2000.00	-2000.000	1.06	-2000.00
	3	83.0	472.0	14.0	248.19	10.00	.20	-2000.00	-2000.000	1.22	-2000.00
	4	48.5	461.0	14.5	253.94	10.00	.20	-2000.00	-2000.000	1.49	-2000.00
	5	24.4	348.0	14.9	262.22	10.00	.20	-2000.00	-2000.000	1.30	-2000.00
563	1	552.9	496.0	14.5	254.74	10.00	.20	-2000.00	-2000.000	.99	-2000.00
	2	185.3	498.0	14.4	253.05	10.00	.20	-2000.00	-2000.000	1.26	-2000.00

Station	Dipole	Vp	Apparent Resist.	M7	M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
	3	95.2	511.0	15.2	264.36	10.00	.20	-2000.00	-2000.000	1.06	-2000.00
	4	47.1	422.0	15.5	269.79	10.00	.20	-2000.00	-2000.000	1.41	-2000.00
	5	40.7	547.0	16.1	276.52	10.00	.20	-2000.00	-2000.000	1.22	-2000.00
585	1	760.1	477.0	13.1	415.30	100.00	.10	-2000.00	-2000.000	1.03	-2000.00
	2	291.2	548.0	15.2	262.83	10.00	.20	-2000.00	-2000.000	1.13	-2000.00
	3	124.3	460.0	15.2	467.84	100.00	.10	-2000.00	-2000.000	1.75	-2000.00
	4	102.1	640.0	16.5	283.03	10.00	.20	-2000.00	-2000.000	1.30	-2000.00
	5	89.2	840.0	16.7	295.82	30.00	.20	-2000.00	-2000.000	1.24	-2000.00
610	1	820.1	858.0	7.2	256.24	30.00	.10	-2000.00	-2000.000	1.22	-2000.00
	2	161.7	507.0	11.9	385.85	100.00	.10	-2000.00	-2000.000	1.32	-2000.00
	3	127.8	800.0	13.4	240.21	10.00	.20	-2000.00	-2000.000	1.45	-2000.00
	4	99.0	1036.0	14.6	254.78	10.00	.20	-2000.00	-2000.000	1.30	-2000.00
	5	51.0	800.0	17.4	278.43	100.00	.30	-2000.00	-2000.000	5.08	-2000.00
633	1	880.2	628.0	5.6	214.34	.10	.10	-2000.00	-2000.000	1.42	-2000.00
	2	421.4	902.0	9.0	312.45	1.00	.10	-2000.00	-2000.000	1.19	-2000.00
	3	252.3	1070.0	11.3	207.00	10.00	.20	-2000.00	-2000.000	1.88	-2000.00
	4	128.3	910.0	14.2	260.95	30.00	.20	-2000.00	-2000.000	1.70	-2000.00
	5	51.2	547.0	15.9	181.89	3.00	.30	-2000.00	-2000.000	3.32	-2000.00
656	1	1531.0	1200.0	4.9	105.14	.10	.20	-2000.00	-2000.000	1.51	-2000.00
	2	524.9	1236.0	7.7	269.40	3.00	.10	-2000.00	-2000.000	1.02	-2000.00
	3	163.3	760.0	12.3	220.77	10.00	.20	-2000.00	-2000.000	1.13	-2000.00
	4	73.5	577.0	13.6	239.48	10.00	.20	-2000.00	-2000.000	1.13	-2000.00
	5	39.9	470.0	15.2	267.11	10.00	.20	-2000.00	-2000.000	1.56	-2000.00
680	1	1055.0	820.0	4.8	198.14	.01	.10	-2000.00	-2000.000	1.78	-2000.00
	2	240.8	567.0	10.0	183.95	10.00	.20	-2000.00	-2000.000	1.12	-2000.00
	3	98.3	462.0	12.0	215.85	10.00	.20	-2000.00	-2000.000	1.39	-2000.00
	4	51.2	402.0	13.6	241.54	10.00	.20	-2000.00	-2000.000	1.87	-2000.00
	5	52.5	617.0	14.5	261.40	30.00	.20	-2000.00	-2000.000	2.18	-2000.00
705	1	808.9	634.0	5.8	210.29	10.00	.10	-2000.00	-2000.000	.90	-2000.00
	2	158.1	372.0	8.9	166.44	10.00	.20	-2000.00	-2000.000	1.34	-2000.00
	3	131.1	610.0	10.8	196.74	10.00	.20	-2000.00	-2000.000	1.17	-2000.00
	4	84.0	659.0	11.5	390.99	100.00	.10	-2000.00	-2000.000	3.87	-2000.00
725	1	263.0	330.0	5.7	208.77	10.00	.10	-2000.00	-2000.000	1.36	-2000.00
	2	169.0	636.0	7.8	274.56	30.00	.10	-2000.00	-2000.000	1.25	-2000.00
	3	92.7	696.0	9.8	331.79	100.00	.10	-2000.00	-2000.000	1.73	-2000.00
750	1	966.8	689.0	3.4	80.45	.03	.20	-2000.00	-2000.000	1.78	-2000.00
	2	393.8	843.0	5.7	228.80	.01	.10	-2000.00	-2000.000	2.41	-2000.00
775	1	395.6	477.0	3.3	72.57	.10	.20	-2000.00	-2000.000	3.22	-2000.00

Columns M-IP, TAU-IP, C-IP, M-EM, TAU-EM are under the heading "Cole-Cole Parameters".

IPR-11 SPECTRAL ANALYSIS SUMMARY

LINE NO. : 2200

Station	Dipole	Vp	Apparent Resist.	M7	Cole-Cole Parameters M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
425	1	698.8	626.0	5.0	204.79	.01	.10	-2000.00	-2000.000	1.74	-2000.00
	2	255.5	687.0	7.8	280.36	.30	.10	-2000.00	-2000.000	1.18	-2000.00
	3	129.5	690.0	10.5	349.97	30.00	.10	-2000.00	-2000.000	1.01	-2000.00
	4	98.6	884.0	12.7	227.43	10.00	.20	-2000.00	-2000.000	1.67	-2000.00
	5	59.8	805.0	13.7	248.86	30.00	.20	-2000.00	-2000.000	1.43	-2000.00
447	1	368.3	481.0	5.2	54.73	.30	.40	-2000.00	-2000.000	2.76	-2000.00
	2	136.1	534.0	9.3	197.50	100.00	.20	-2000.00	-2000.000	5.56	-2000.00
	3	101.3	790.0	11.8	212.99	10.00	.20	-2000.00	-2000.000	1.55	-2000.00
	4	57.1	746.0	12.6	225.18	10.00	.20	-2000.00	-2000.000	.98	-2000.00
	5	41.2	807.0	15.3	466.92	10.00	.10	-2000.00	-2000.000	.96	-2000.00
469	1	450.6	329.0	7.6	268.05	100.00	.10	-2000.00	-2000.000	.95	-2000.00
	2	285.6	625.0	10.6	194.80	10.00	.20	-2000.00	-2000.000	1.09	-2000.00
	3	137.5	600.0	11.9	220.61	30.00	.20	-2000.00	-2000.000	.98	-2000.00
	4	111.0	810.0	13.9	452.00	.30	.10	-2000.00	-2000.000	.70	-2000.00
	5	86.2	943.0	15.4	275.00	30.00	.20	-2000.00	-2000.000	1.26	-2000.00
490	1	1125.0	920.0	7.1	254.28	100.00	.10	-2000.00	-2000.000	.90	-2000.00
	2	355.4	881.0	11.1	206.74	30.00	.20	-2000.00	-2000.000	1.51	-2000.00
	3	208.2	1030.0	14.0	244.13	10.00	.20	-2000.00	-2000.000	2.74	-2000.00
	4	121.2	1000.0	15.7	190.54	10.00	.30	-2000.00	-2000.000	3.40	-2000.00
	5	27.9	345.0	13.3	207.05	100.00	.30	-2000.00	-2000.000	4.49	-2000.00
510	1	408.7	534.0	9.4	173.75	10.00	.20	-2000.00	-2000.000	1.18	-2000.00
	2	181.7	713.0	12.3	419.92	.10	.10	-2000.00	-2000.000	.76	-2000.00
	3	101.9	790.0	14.7	265.18	30.00	.20	-2000.00	-2000.000	1.01	-2000.00
	4	22.6	295.0	11.9	234.68	100.00	.20	-2000.00	-2000.000	1.01	-2000.00
	5	8.9	174.1	11.7	216.50	30.00	.20	-2000.00	-2000.000	1.09	-2000.00
530	1	605.0	431.8	12.2	447.14	.01	.10	-2000.00	-2000.000	1.14	-2000.00
	2	310.4	664.5	12.1	224.23	30.00	.20	-2000.00	-2000.000	.99	-2000.00
	3	87.0	371.6	10.9	218.15	100.00	.20	-2000.00	-2000.000	.94	-2000.00
	4	33.2	237.1	11.0	205.45	30.00	.20	-2000.00	-2000.000	.86	-2000.00
	5	31.9	341.0	12.4	230.47	30.00	.20	-2000.00	-2000.000	1.27	-2000.00
550	1	677.5	759.0	11.6	210.10	10.00	.20	-2000.00	-2000.000	1.21	-2000.00
	2	161.9	544.0	10.3	208.18	100.00	.20	-2000.00	-2000.000	1.89	-2000.00
	3	57.2	384.0	10.6	176.98	100.00	.30	-2000.00	-2000.000	7.31	-2000.00
	4	47.6	533.0	11.9	198.89	100.00	.30	-2000.00	-2000.000	7.12	-2000.00
	5	20.8	349.0	12.7	151.20	30.00	.40	-2000.00	-2000.000	9.78	-2000.00
575	1	993.1	779.0	10.5	350.88	100.00	.10	-2000.00	-2000.000	1.31	-2000.00
	2	204.1	480.0	10.1	186.55	10.00	.20	-2000.00	-2000.000	1.39	-2000.00

Station	Dipole	Vp	Apparent Resist.	M7	M-IP	TAU-IP	C-IP	M-EM	TAU-EM	Fit/IP	Fit/EM
					Cole-Cole Parameters						
	3	164.3	770.0	12.5	88.05	1.00	.50	-2000.00	-2000.000	2.73	-2000.00
	4	65.8	516.0	14.3	65.97	1.00	.70	-2000.00	-2000.000	5.40	-2000.00
	5	53.9	634.0	15.6	71.25	1.00	.70	-2000.00	-2000.000	5.18	-2000.00
600	1	911.7	817.0	3.7	86.15	.03	.20	-2000.00	-2000.000	2.06	-2000.00
	2	430.8	1159.0	5.7	118.91	.10	.20	-2000.00	-2000.000	1.47	-2000.00
	3	158.3	850.0	7.0	251.22	30.00	.10	-2000.00	-2000.000	1.61	-2000.00
	4	93.6	840.0	8.3	287.65	30.00	.10	-2000.00	-2000.000	1.26	-2000.00
	5	137.2	1840.0	11.0	362.22	100.00	.10	-2000.00	-2000.000	.96	-2000.00
625	1	850.1	762.7	3.4	88.83	.01	.20	-2000.00	-2000.000	1.83	-2000.00
	2	264.2	711.1	4.7	100.35	.10	.20	-2000.00	-2000.000	1.96	-2000.00
	3	143.8	772.4	6.2	226.48	30.00	.10	-2000.00	-2000.000	1.53	-2000.00
	4	194.5	1744.9	8.9	305.19	30.00	.10	-2000.00	-2000.000	.87	-2000.00
	5	102.4	1378.0	9.9	335.19	100.00	.10	-2000.00	-2000.000	1.23	-2000.00
650	1	387.0	347.0	3.4	80.23	.03	.20	-2000.00	-2000.000	1.90	-2000.00
	2	195.1	525.0	5.0	202.49	.01	.10	-2000.00	-2000.000	1.55	-2000.00
	3	232.1	1240.0	8.1	281.73	100.00	.10	-2000.00	-2000.000	1.08	-2000.00
	4	120.1	1070.0	8.6	298.28	10.00	.10	-2000.00	-2000.000	1.22	-2000.00
	5	34.2	460.0	10.5	346.38	30.00	.10	-2000.00	-2000.000	1.71	-2000.00
675	1	373.4	390.0	2.7	72.31	.01	.20	-2000.00	-2000.000	2.30	-2000.00
	2	357.6	1122.0	5.7	221.60	.03	.10	-2000.00	-2000.000	1.27	-2000.00
	3	170.6	1060.0	6.8	247.67	.30	.10	-2000.00	-2000.000	1.18	-2000.00
	4	44.7	468.0	9.0	306.88	100.00	.10	-2000.00	-2000.000	2.77	-2000.00
	5	53.9	846.0	9.1	124.41	.30	.30	-2000.00	-2000.000	6.17	-2000.00
700	1	838.1	657.0	3.8	81.96	.10	.20	-2000.00	-2000.000	2.32	-2000.00
	2	339.6	799.0	4.9	199.32	.01	.10	-2000.00	-2000.000	1.15	-2000.00
	3	83.6	393.0	7.0	253.94	.30	.10	-2000.00	-2000.000	.73	-2000.00
	4	83.7	656.0	8.3	290.20	100.00	.10	-2000.00	-2000.000	2.09	-2000.00
725	1	672.0	555.0	3.0	79.77	.01	.20	-2000.00	-2000.000	1.84	-2000.00
	2	121.1	300.0	4.8	197.48	.01	.10	-2000.00	-2000.000	1.61	-2000.00
	3	110.7	540.0	6.2	235.72	.10	.10	-2000.00	-2000.000	2.71	-2000.00
750	1	357.7	295.0	2.5	39.24	.10	.30	-2000.00	-2000.000	2.19	-2000.00
	2	262.4	650.0	3.2	62.46	.03	.30	-2000.00	-2000.000	4.81	-2000.00
775	1	261.8	456.0	1.6	40.80	.01	.30	-2000.00	-2000.000	4.50	-2000.00

IPR-11 DATA SUMMARY

SURVEY : TECK

INDEX FILE : A:2000E.IND
DATA FILE : A:2000E.DAT

LINE NO. : 2000

Station	Receive Mode	Dipole :	M0	M1	M2	M3	M4	M5 mV/V	M6	M7	M8	M9	Vp mV	SP mV	Apparent Resist.
425	2	1	24.3	20.1	17.8	16.2	12.8	9.6	7.8	6.1	4.7	3.9	624.0	3.	490.
		2	24.3	20.2	17.9	16.3	13.1	9.8	8.0	6.3	4.9	4.0	298.3	-16.	702.
		3	21.9	18.0	16.0	14.7	11.5	8.6	6.9	5.5	4.3	3.5	100.4	-3.	472.
		4	23.5	19.3	17.0	15.6	12.2	9.1	7.3	5.8	4.5	3.7	94.6	21.	742.
		5	25.9	21.3	19.1	17.1	13.9	10.3	8.4	6.6	5.1	4.2	107.9	-15.	1271.
448	2	1	20.1	16.8	14.8	13.4	10.6	7.9	6.4	5.1	3.9	3.2	1010.0	-21.	705.
		2	19.6	16.4	14.4	13.1	10.4	7.7	6.1	4.9	3.8	3.1	226.1	-2.	473.
		3	21.4	17.8	15.7	14.2	11.1	8.3	6.7	5.3	4.1	3.4	175.4	6.	733.
		4	25.1	21.0	18.5	16.8	13.3	10.0	8.1	6.3	4.8	3.9	233.5	0.	1629.
		5	26.4	22.0	19.1	17.1	13.9	10.4	8.5	6.8	5.2	4.3	112.6	6.	1179.
471	2	1	14.6	12.0	10.5	9.3	7.3	5.4	4.4	3.4	2.6	2.1	542.0	-16.	340.
		2	18.4	15.2	13.3	11.9	9.3	6.9	5.5	4.3	3.3	2.7	338.4	1.	637.
		3	23.4	19.4	17.2	15.3	12.2	9.0	7.3	5.7	4.4	3.6	407.1	-1.	1530.
		4	24.8	20.6	18.2	16.2	12.9	9.6	7.8	6.1	4.7	3.8	177.1	11.	1110.
		5	29.8	24.8	21.6	19.6	16.1	11.9	9.8	7.7	5.9	5.1	114.8	-12.	1080.
494	2	1	11.9	9.8	8.3	7.4	5.8	4.2	3.2	2.6	2.0	1.6	580.6	-2.	552.
		2	20.2	16.6	14.6	13.0	10.1	7.5	6.0	4.6	3.5	2.7	528.4	2.	1508.
		3	21.2	18.0	15.9	14.2	11.2	8.3	6.6	5.2	4.1	3.3	195.0	6.	1110.
		4	27.5	22.8	20.6	18.3	14.5	11.0	8.9	7.1	5.5	4.5	111.4	-6.	1050.
		5	33.6	28.1	25.4	23.2	18.4	13.9	11.6	9.2	7.1	5.7	110.2	-30.	1570.
518	2	1	16.7	13.7	11.9	10.8	8.3	6.2	4.7	3.7	2.7	2.1	1035.0	-7.	810.
		2	18.9	15.8	13.6	12.4	9.7	7.1	5.6	4.4	3.4	2.6	321.3	-5.	756.
		3	25.1	21.1	18.5	16.8	13.2	9.9	8.0	6.4	4.9	4.0	175.8	1.	820.
		4	31.2	26.9	24.1	20.6	17.1	13.0	10.5	8.3	6.5	5.5	156.7	-29.	1230.
		5	36.2	30.8	27.2	25.7	19.1	15.1	12.0	9.8	7.6	5.8	123.9	32.	1450.
540	2	1	16.2	13.2	11.6	10.4	8.1	5.9	4.7	3.6	2.8	2.2	630.4	-7.	565.

		2	23.1	19.0	16.7	15.1	11.9	8.8	7.2	5.6	4.4	3.6	266.5	4.	717.
		3	29.7	24.9	22.1	20.0	16.0	12.0	9.8	7.7	6.1	5.0	210.0	-37.	1120.
		4	33.6	28.3	25.2	23.0	18.5	14.0	11.5	9.1	7.1	5.8	151.9	30.	1360.
		5	39.0	33.2	29.6	27.1	22.0	16.8	13.8	11.1	8.8	7.3	50.8	-5.	683.
562	2	1	18.6	15.4	13.4	12.0	9.5	7.1	5.7	4.5	3.4	2.8	1111.0	-12.	770.
		2	27.3	22.8	20.1	18.2	14.4	10.8	8.8	7.0	5.4	4.4	617.1	-49.	1291.
		3	30.8	26.0	23.0	21.0	16.8	12.7	10.4	8.3	6.5	5.4	350.4	41.	1460.
		4	35.3	30.0	26.8	24.5	19.9	15.2	12.7	10.1	8.0	6.5	111.2	-2.	770.
		5	37.1	36.9	28.1	24.7	21.6	16.6	12.6	11.0	5.3	4.0	55.6	17.	582.
583	2	1	24.5	20.4	17.9	16.1	12.8	9.6	7.9	6.2	4.8	3.9	1315.0	-41.	930.
		2	27.5	23.1	20.6	18.7	14.9	11.1	8.9	7.3	5.6	4.6	647.3	51.	1385.
		3	33.5	28.5	25.5	23.2	18.9	14.5	12.0	9.6	7.6	6.3	141.0	-20.	600.
		4	35.9	30.6	27.3	25.0	20.4	15.6	12.9	10.4	8.2	6.7	75.8	22.	541.
		5	36.9	31.3	28.0	25.4	20.7	15.8	13.0	10.4	8.0	6.5	61.8	4.	662.
605	2	1	22.1	18.5	16.4	14.7	11.8	8.8	7.2	5.7	4.4	3.6	1159.0	15.	820.
		2	27.5	23.5	21.0	19.1	15.5	11.8	9.6	7.7	6.1	5.0	245.7	-30.	526.
		3	32.8	28.1	25.1	23.0	18.6	14.3	11.7	9.5	7.5	6.2	130.0	27.	550.
		4	34.5	29.5	26.3	24.0	19.4	14.9	12.3	9.8	7.7	6.4	97.8	5.	698.
		5	38.7	33.0	29.5	27.0	21.7	16.7	13.6	11.0	8.5	7.1	42.6	12.	456.
625	2	1	20.5	17.2	15.3	13.6	11.0	8.2	6.7	5.4	4.1	3.5	636.4	-29.	624.
		2	28.4	24.1	21.7	19.3	15.6	12.1	10.0	7.9	6.1	5.0	218.3	29.	642.
		3	30.8	26.1	23.3	20.9	16.9	12.9	10.5	8.3	6.4	5.3	144.1	0.	840.
		4	36.9	31.5	28.3	25.7	21.1	16.1	13.5	11.2	9.0	7.6	57.9	12.	568.
		5	43.0	38.9	33.1	29.6	26.0	18.1	18.0	13.4	12.0	10.0	49.8	11.	733.
646	2	1	19.4	16.1	14.6	13.0	10.5	7.9	6.5	5.1	4.0	3.2	327.2	8.	513.
		2	23.7	20.1	18.0	16.3	13.1	10.0	8.2	6.5	5.2	4.2	141.7	-7.	667.
		3	30.5	25.8	23.2	21.0	17.0	13.0	10.7	8.5	6.8	5.6	64.6	14.	607.
		4	38.9	33.1	29.7	27.0	21.9	16.8	13.7	11.1	8.7	7.2	45.3	14.	711.
		5	60.9	52.5	46.7	43.8	35.8	28.2	23.5	18.7	15.1	12.6	114.0	-22.	2680.
668	2	1	16.3	13.6	12.1	10.9	8.6	6.9	5.2	4.2	3.3	2.7	418.0	0.	437.
		2	24.0	19.8	17.7	16.0	12.9	8.5	7.9	6.3	5.0	4.0	163.1	11.	512.
		3	33.6	28.8	25.5	23.1	18.6	14.2	11.6	9.3	7.4	6.1	100.5	8.	620.
		4	56.9	48.9	44.0	40.3	33.0	25.7	21.3	17.3	13.7	11.4	249.4	-6.	2610.
		5	64.1	55.6	50.4	47.0	38.0	29.8	24.4	19.7	15.8	13.1	98.6	-5.	1547.
688	2	1	14.2	11.7	10.3	9.3	7.2	5.4	4.3	3.4	2.6	2.1	439.6	-2.	306.
		2	25.2	21.1	18.8	17.1	13.6	10.3	8.4	6.7	5.3	4.3	236.9	-6.	495.
		3	51.3	44.0	39.7	36.5	29.8	23.3	19.0	15.4	12.3	10.1	525.5	-5.	2190.
		4	60.4	51.9	46.8	43.0	35.0	26.6	23.1	18.6	14.8	12.8	193.3	-5.	1340.
		5	56.2	48.0	43.3	39.5	32.0	25.0	20.7	16.7	13.3	11.1	94.6	11.	990.
708	2	1	15.8	13.7	11.8	10.6	8.5	6.1	5.1	4.0	3.0	2.5	278.9	-11.	250.
		2	44.1	37.8	33.7	31.0	25.3	19.6	16.3	13.2	10.5	8.7	537.8	2.	1447.
		3	55.9	48.4	43.4	39.9	32.7	25.4	21.1	17.2	13.7	11.4	183.8	-1.	980.

		4	51.7	44.5	39.8	36.4	29.8	23.0	19.1	15.4	12.2	10.2	83.0	-4.	744.
725	2	1	38.8	31.8	28.7	25.8	21.5	17.0	14.0	10.9	8.9	7.4	817.6	-16.	693.
		2	51.2	43.6	39.7	36.3	29.6	23.1	19.3	15.7	12.5	10.5	222.6	16.	566.
		3	49.0	41.4	37.5	34.3	27.9	21.6	17.9	14.5	11.6	9.6	109.9	1.	550.
750	2	1	47.4	40.5	36.9	33.7	27.5	21.4	17.8	14.4	11.6	9.6	214.6	14.	292.
		2	46.4	39.0	35.2	32.2	26.3	20.3	16.9	13.6	10.8	9.0	90.5	0.	371.
775	2	1	46.2	40.2	35.9	33.2	27.1	21.1	17.5	14.2	11.3	9.5	420.5	-5.	776.

IPR-11 DATA SUMMARY

SURVEY : TECK

INDEX FILE : A:2100E.IND
DATA FILE : A:2100E.DAT

LINE NO. : 2100

Station	Receive Mode	Dipole :	M0	M1	M2	M3	M4	M5 mV/V	M6	M7	M8	M9	Vp mV	SP mV	Apparent Resist.
425	2	1	19.0	15.7	13.9	12.5	9.9	7.4	6.0	4.7	3.7	3.0	1191.0	-22.	1010.
		2	23.4	19.6	17.5	15.7	12.6	9.5	7.8	6.1	4.8	4.0	415.4	-1.	1057.
		3	29.3	24.8	22.1	20.1	16.2	12.3	10.0	7.8	6.1	4.9	181.6	-29.	920.
		4	32.9	27.8	24.9	22.8	18.4	14.0	11.3	9.0	7.1	5.9	116.8	44.	990.
		5	32.9	28.0	25.0	22.4	18.2	14.2	11.5	9.0	6.9	5.7	79.6	10.	1013.
450	2	1	18.6	15.5	13.9	12.6	9.9	7.4	6.1	4.8	3.7	3.0	862.6	-8.	773.
		2	26.1	21.9	19.7	17.9	14.3	11.0	9.0	7.1	5.4	4.5	273.0	-8.	734.
		3	31.1	26.3	23.9	21.5	17.3	13.3	10.8	8.6	6.8	5.7	163.7	19.	870.
		4	31.2	26.6	23.6	21.3	17.5	13.2	10.8	8.5	6.7	5.8	104.1	16.	930.
		5	33.0	27.7	24.9	23.7	17.5	13.4	11.0	9.1	7.3	5.8	63.2	-3.	850.
475	2	1	22.5	18.9	16.9	15.3	12.2	9.3	7.6	6.0	4.7	3.8	628.9	-10.	448.
		2	28.5	24.2	21.7	19.8	15.9	12.2	10.0	8.0	6.3	5.2	319.7	25.	684.
		3	29.2	24.9	22.4	20.3	16.3	12.4	10.1	8.1	6.4	5.3	178.4	-19.	760.
		4	30.8	26.0	23.0	21.0	16.9	12.9	10.5	8.4	6.6	5.4	97.3	22.	694.
		5	32.1	27.2	24.3	22.0	17.7	13.5	11.0	8.8	6.9	5.6	86.4	-13.	924.
497	2	1	23.5	19.7	17.7	16.0	13.0	9.8	8.1	6.5	5.1	4.2	1103.0	12.	860.
		2	26.9	22.6	20.3	18.3	14.8	11.2	9.1	7.3	5.7	4.7	426.8	-29.	1005.
		3	28.2	23.7	21.2	19.1	15.4	11.6	9.6	7.6	5.9	4.8	161.8	20.	760.
		4	30.2	25.4	22.8	20.5	16.6	12.6	10.5	8.4	6.5	5.4	135.1	-5.	1060.
		5	46.4	39.3	35.2	32.0	26.1	19.9	16.4	12.9	10.4	8.6	83.5	-59.	983.
517	2	1	20.7	17.3	15.2	13.9	11.0	8.3	6.8	5.4	4.2	3.4	1105.0	-22.	860.
		2	25.3	21.3	18.9	17.2	13.7	10.3	8.3	6.6	5.2	4.2	329.8	-5.	776.
		3	30.1	25.5	22.6	20.7	16.5	12.4	10.3	8.1	6.3	5.2	186.8	14.	870.
		4	43.1	36.9	32.9	30.2	24.3	18.6	15.5	12.4	9.8	8.1	116.5	-52.	910.
		5	48.6	41.9	37.3	34.5	28.1	21.4	17.8	14.4	11.4	9.3	117.8	50.	1380.
536	2	1	18.2	15.0	13.1	12.0	9.4	7.0	5.7	4.5	3.5	2.8	904.4	-7.	811.

		2	27.5	23.2	20.6	18.8	14.9	11.3	9.3	7.3	5.8	4.8	323.5	2.	870.
		3	39.4	33.5	29.8	27.4	22.2	16.9	13.9	11.1	8.7	7.1	169.9	-38.	910.
		4	47.1	40.4	36.2	39.6	27.0	20.7	17.1	13.7	10.8	8.9	142.2	42.	1270.
		5	37.5	31.7	27.9	25.5	20.6	15.6	12.9	10.2	8.1	6.6	31.1	2.	418.
558	2	1	25.1	21.0	18.7	17.0	13.5	10.1	8.3	6.6	5.1	4.2	552.5	2.	693.
		2	37.9	32.0	28.8	26.3	21.1	16.1	13.3	10.5	8.2	6.8	228.3	-33.	860.
		3	45.5	38.8	35.1	32.2	26.1	20.1	16.5	13.3	10.6	8.7	122.8	35.	920.
		4	37.5	31.7	28.4	25.8	20.9	15.9	13.1	10.5	8.3	6.8	36.5	1.	458.
		5	39.0	32.6	29.5	27.1	21.5	16.5	13.5	11.0	8.6	7.2	13.6	18.	256.
582	2	1	33.9	28.7	25.8	23.6	18.9	14.5	11.9	9.5	7.5	6.1	1096.0	-57.	930.
		2	47.5	40.9	36.8	33.8	27.4	21.2	17.4	14.0	11.0	9.1	342.8	21.	872.
		3	38.4	32.5	29.1	26.6	21.4	16.4	13.5	10.8	8.4	6.8	89.6	12.	455.
		4	40.6	34.4	30.6	28.0	22.6	17.3	14.2	11.5	9.4	7.9	33.0	21.	280.
		5	53.0	45.3	40.7	37.3	30.0	23.1	19.0	15.2	12.0	9.9	53.4	5.	679.
602	2	1	51.5	44.0	39.8	36.6	29.8	23.0	19.0	15.3	12.1	10.0	540.3	17.	514.
		2	40.8	34.8	31.2	28.6	23.3	17.9	14.8	11.9	9.4	7.8	126.8	17.	361.
		3	43.5	36.8	32.8	30.0	24.2	18.5	15.2	12.2	9.6	7.9	46.1	2.	262.
		4	54.9	46.9	42.1	38.7	31.4	24.2	20.0	16.0	12.6	10.6	59.5	15.	566.
		5	56.1	47.8	41.0	36.8	32.3	24.8	21.7	16.5	13.9	11.2	31.7	1.	451.
620	2	1	53.8	46.0	41.3	37.9	30.8	23.6	19.6	15.7	12.4	10.3	281.1	1.	294.
		2	54.4	46.3	41.5	38.0	30.8	23.6	19.5	15.7	12.4	10.4	96.5	-7.	303.
		3	65.3	55.7	50.0	45.9	37.3	28.6	23.6	18.9	15.0	12.4	118.4	12.	740.
		4	66.6	57.2	51.7	47.7	38.7	29.9	24.8	20.0	15.8	13.1	51.9	12.	543.
		5	66.5	56.8	51.1	47.0	38.6	30.0	25.0	20.1	16.0	13.4	47.8	-3.	750.
645	2	1	36.2	30.8	27.6	25.2	20.3	15.6	12.8	10.3	8.1	6.7	1226.0	-27.	760.
		2	52.8	45.2	40.5	37.2	30.1	23.1	19.0	15.3	12.1	10.0	903.8	12.	1702.
		3	61.2	52.6	47.3	43.5	35.4	27.3	22.6	18.2	14.5	12.1	299.8	-3.	1120.
		4	63.8	55.0	49.5	45.6	37.2	28.8	23.9	19.3	15.4	12.8	213.1	-3.	1330.
		5	67.0	57.8	52.0	47.9	39.1	30.3	25.1	20.3	16.2	13.4	100.2	-7.	940.
670	2	1	29.6	25.0	22.2	20.2	16.2	12.2	10.0	7.9	6.2	5.1	1864.0	-5.	1460.
		2	43.2	37.0	33.1	30.4	24.6	18.9	15.6	12.5	9.9	8.2	492.3	-12.	1159.
		3	52.2	44.9	40.4	37.1	30.3	23.6	19.4	15.6	12.5	10.4	305.1	-1.	1430.
		4	58.1	49.9	45.0	41.2	33.6	26.1	21.6	17.5	13.9	11.5	113.4	-1.	890.
		5	61.1	52.4	47.5	43.3	35.3	27.3	22.7	18.3	14.5	12.0	56.3	-21.	663.
695	2	1	28.3	24.0	21.5	19.5	15.7	12.0	9.8	7.8	6.2	5.1	1565.0	-20.	910.
		2	42.4	36.2	32.8	29.8	24.3	18.8	15.5	12.5	9.9	8.2	652.2	6.	1137.
		3	50.6	43.3	39.0	35.6	29.1	22.5	18.7	15.1	12.0	10.0	249.7	-18.	860.
		4	53.6	46.5	41.7	40.3	33.2	25.1	19.8	15.7	14.3	10.3	106.0	-10.	610.
720	2	1	31.3	26.5	23.5	21.7	17.5	13.3	10.9	8.8	6.8	5.7	1341.0	5.	1130.
		2	41.8	35.7	31.9	29.5	24.0	18.5	15.3	12.4	9.8	8.2	358.9	-18.	913.
		3	50.5	42.8	38.3	34.1	28.8	22.2	18.4	14.8	11.7	9.7	129.2	-9.	650.

745	2	1	30.6	25.9	23.4	21.3	17.3	13.2	10.9	8.7	6.9	5.7	743.0	-14.	666.
		2	41.9	35.1	31.6	28.7	23.5	18.0	15.0	12.0	9.6	7.9	226.5	-8.	609.
770	2	1	24.2	20.1	17.9	16.5	13.3	10.0	8.3	6.6	5.1	4.3	425.3	-7.	741.

IPR-11 DATA SUMMARY

SURVEY : teck

INDEX FILE : a:2150e.IND
DATA FILE : a:2150e.DAT

LINE NO. : 2150

Station	Receive Mode	Dipole :	M0	M1	M2	M3	M4	M5 mV/V	M6	M7	M8	M9	Vp mV	SP mV	Apparent Resist.
425	2	1	19.8	16.3	14.5	12.7	10.4	7.8	6.4	5.0	3.9	3.2	328.6	-6.	396.
		2	24.7	20.5	18.3	16.8	13.4	10.2	8.4	6.6	5.2	4.3	208.6	-2.	755.
		3	32.5	27.5	24.6	22.4	18.1	13.8	11.4	9.1	7.2	5.9	92.3	-3.	667.
		4	38.3	32.3	28.9	26.7	21.7	16.5	13.6	10.9	8.4	7.1	63.2	16.	763.
		5	41.4	35.4	31.7	28.7	22.3	17.4	15.0	12.0	9.2	7.7	38.7	-8.	700.
447	2	1	20.0	16.7	14.9	13.6	10.7	8.2	6.6	5.3	4.1	3.4	383.0	2.	522.
		2	28.8	24.4	21.9	20.0	16.1	12.3	10.1	8.1	6.3	5.2	136.7	-22.	559.
		3	36.7	30.9	27.6	25.0	20.3	15.5	12.6	9.8	7.7	6.0	87.8	6.	717.
		4	38.5	33.2	30.0	27.7	22.4	17.3	14.4	12.0	9.5	8.3	56.4	6.	769.
		5	44.1	37.4	33.5	30.7	24.9	19.1	15.5	12.3	9.8	8.1	37.3	-43.	763.
468	2	1	20.2	17.0	15.2	13.9	11.1	8.5	6.9	5.5	4.3	3.5	636.0	-26.	499.
		2	31.9	27.1	24.4	22.3	18.0	13.9	11.4	9.2	7.2	6.0	318.6	14.	750.
		3	35.3	29.9	27.1	24.9	20.1	15.4	12.8	10.4	8.2	6.6	165.2	-2.	770.
		4	39.9	33.7	30.3	27.8	22.3	17.1	13.9	11.1	8.8	7.3	109.6	-55.	860.
		5	49.2	42.0	37.9	34.8	28.1	21.5	17.8	14.3	11.3	9.3	60.2	66.	708.
490	2	1	24.1	20.3	18.3	16.6	13.5	10.3	8.5	6.8	5.3	4.4	765.3	-3.	801.
		2	31.4	26.7	24.2	22.0	17.9	13.7	11.4	9.1	7.2	5.9	295.4	-18.	927.
		3	37.6	31.7	28.5	25.9	20.9	15.9	13.1	10.5	8.3	6.8	130.6	-30.	810.
		4	46.2	39.4	35.6	32.5	26.4	20.2	16.6	13.4	10.5	8.7	71.9	54.	752.
		5	52.8	41.8	39.7	37.4	29.9	24.0	19.4	15.3	11.2	10.2	62.0	-1.	973.
508	2	1	23.7	20.3	18.1	16.5	13.3	10.3	8.4	6.7	5.3	4.3	1213.0	-25.	950.
		2	33.0	28.1	25.0	22.8	18.3	13.9	11.3	9.1	7.1	5.7	360.7	11.	849.
		3	42.6	36.6	32.8	30.1	24.4	18.8	15.5	12.4	9.8	8.1	176.7	10.	830.
		4	52.6	45.3	40.8	37.4	30.1	23.3	19.1	15.4	12.1	10.0	95.7	-1.	751.
		5	49.5	42.1	37.6	34.7	28.4	21.3	17.8	14.2	11.5	9.3	40.5	0.	477.
527	2	1	29.5	24.5	22.0	20.1	16.1	12.2	10.0	7.9	6.2	5.1	1156.0	-8.	720.

		2	40.3	34.3	30.8	28.2	22.8	17.5	14.5	11.5	9.0	7.4	412.8	0.	777.
		3	52.6	44.5	40.3	36.9	29.9	23.0	19.0	15.2	12.1	10.1	175.7	6.	660.
		4	49.4	41.8	37.5	34.4	27.7	21.2	17.5	13.9	10.9	8.9	64.5	-5.	404.
		5	50.9	43.1	38.7	35.5	28.7	22.0	18.1	14.6	11.5	9.5	47.8	0.	449.
545	2	1	36.6	31.4	28.1	25.6	20.8	15.9	13.1	10.4	8.2	6.8	740.2	-5.	704.
		2	51.6	44.2	39.8	36.3	29.5	22.6	18.7	15.0	11.8	9.8	197.4	1.	563.
		3	48.7	41.6	37.3	34.2	27.7	21.2	17.5	14.0	11.1	9.2	83.0	-3.	472.
		4	50.3	42.7	38.3	35.1	28.3	21.7	18.0	14.5	11.3	9.5	48.5	-3.	461.
		5	51.7	44.3	40.0	36.3	29.5	22.6	18.6	14.9	12.0	9.8	24.4	13.	348.
563	2	1	50.1	43.0	38.5	35.3	28.6	22.0	18.1	14.5	11.4	9.4	552.9	-15.	496.
		2	50.1	42.8	38.2	35.0	28.4	21.8	17.9	14.4	11.3	9.3	185.3	-7.	498.
		3	52.1	44.6	40.0	36.7	29.8	22.9	18.9	15.2	12.0	9.9	95.2	-12.	511.
		4	53.3	45.5	40.8	37.5	30.5	23.4	19.3	15.5	12.3	10.3	47.1	20.	422.
		5	54.7	46.9	42.0	38.6	31.3	24.1	20.0	16.1	12.7	10.5	40.7	-17.	547.
585	2	1	46.8	39.7	35.4	32.4	26.1	19.9	16.4	13.1	10.3	8.5	760.1	-14.	477.
		2	52.0	44.4	39.8	36.4	29.5	22.8	18.9	15.2	11.9	9.7	291.2	-12.	548.
		3	54.3	46.5	41.6	38.3	30.9	23.3	19.0	15.2	12.1	10.3	124.3	0.	460.
		4	56.4	48.3	43.3	39.7	32.2	24.7	20.5	16.5	13.1	10.8	102.1	0.	640.
		5	56.8	48.8	43.8	40.3	32.8	25.3	20.9	16.7	13.3	11.0	89.2	11.	840.
610	2	1	26.3	22.3	19.9	18.0	14.5	11.0	9.0	7.2	5.7	4.7	820.1	-20.	858.
		2	42.0	35.8	32.0	29.2	23.6	18.1	14.9	11.9	9.4	7.8	161.7	7.	507.
		3	47.0	40.1	36.0	32.6	26.6	20.4	16.8	13.4	10.7	8.9	127.8	-12.	800.
		4	49.9	42.8	38.2	34.9	28.4	21.8	18.2	14.6	11.5	9.5	99.0	17.	1036.
		5	54.2	48.0	44.5	38.4	33.2	26.8	22.3	17.4	16.1	14.1	51.0	-5.	800.
633	2	1	21.8	18.1	16.1	14.6	11.6	8.7	7.1	5.6	4.4	3.6	880.2	-4.	628.
		2	33.6	28.2	25.1	22.9	18.4	14.0	11.6	9.0	6.9	5.8	421.4	9.	902.
		3	40.1	33.8	30.4	27.8	22.4	17.1	14.0	11.3	9.0	7.5	252.3	-20.	1070.
		4	49.0	41.8	37.6	34.2	28.0	21.6	17.9	14.2	11.6	9.5	128.3	7.	910.
		5	52.1	44.5	39.6	36.2	29.6	24.1	20.3	15.9	11.9	9.3	51.2	3.	547.
656	2	1	19.9	16.5	14.6	13.2	10.4	7.7	6.2	4.9	3.8	3.1	1531.0	-9.	1200.
		2	28.3	23.8	21.2	19.4	15.5	11.8	9.6	7.7	6.0	4.9	524.9	-13.	1236.
		3	42.0	36.0	32.4	29.7	24.1	18.6	15.3	12.3	9.7	8.1	163.3	5.	760.
		4	46.3	39.6	35.5	32.5	26.4	20.5	16.9	13.6	10.7	8.8	73.5	-6.	577.
		5	52.7	45.1	40.6	37.3	30.0	23.0	19.0	15.2	12.2	10.2	39.9	7.	470.
680	2	1	19.3	15.7	14.1	12.7	10.1	7.5	6.2	4.8	3.8	3.1	1055.0	-15.	820.
		2	34.5	29.2	26.4	24.2	19.6	15.1	12.5	10.0	7.9	6.5	240.8	4.	567.
		3	41.2	34.9	31.5	28.9	23.5	18.0	14.9	12.0	9.5	7.9	98.3	-9.	462.
		4	47.0	40.1	37.1	32.5	26.4	20.6	16.8	13.6	10.8	9.0	51.2	8.	402.
		5	49.1	41.0	36.1	35.5	28.4	21.6	18.5	14.5	11.3	9.5	52.5	-6.	617.
705	2	1	21.0	18.1	15.8	14.6	11.7	8.9	7.3	5.8	4.5	3.7	808.9	-23.	634.
		2	31.1	26.6	23.7	21.7	17.6	13.5	11.1	8.9	7.0	5.8	158.1	-10.	372.
		3	37.3	32.0	28.4	26.2	21.2	16.3	13.5	10.8	8.4	7.0	131.1	6.	610.

Index: a:2150e.IND
Data : a:2150e.DAT

		4	42.6	37.5	32.3	29.9	23.4	19.3	14.3	11.5	9.8	8.2	84.0	-5.	659.
725	2	1	21.2	17.8	15.8	14.4	11.6	8.7	7.2	5.7	4.5	3.7	263.0	-3.	330.
		2	28.7	23.9	21.4	19.7	15.8	12.0	9.9	7.8	6.1	5.1	169.0	6.	636.
		3	35.4	29.5	26.3	23.9	19.4	14.9	12.3	9.8	7.8	6.4	92.7	-3.	696.
750	2	1	14.0	11.4	10.4	9.4	7.3	5.4	4.3	3.4	2.7	2.1	966.8	7.	689.
		2	23.1	18.5	16.5	14.7	11.7	8.8	7.2	5.7	4.4	3.6	393.8	-5.	843.
775	2	1	13.8	11.4	9.8	8.9	7.0	5.1	4.2	3.3	2.6	2.2	395.6	-6.	477.

IPR-11 DATA SUMMARY

SURVEY : TECK

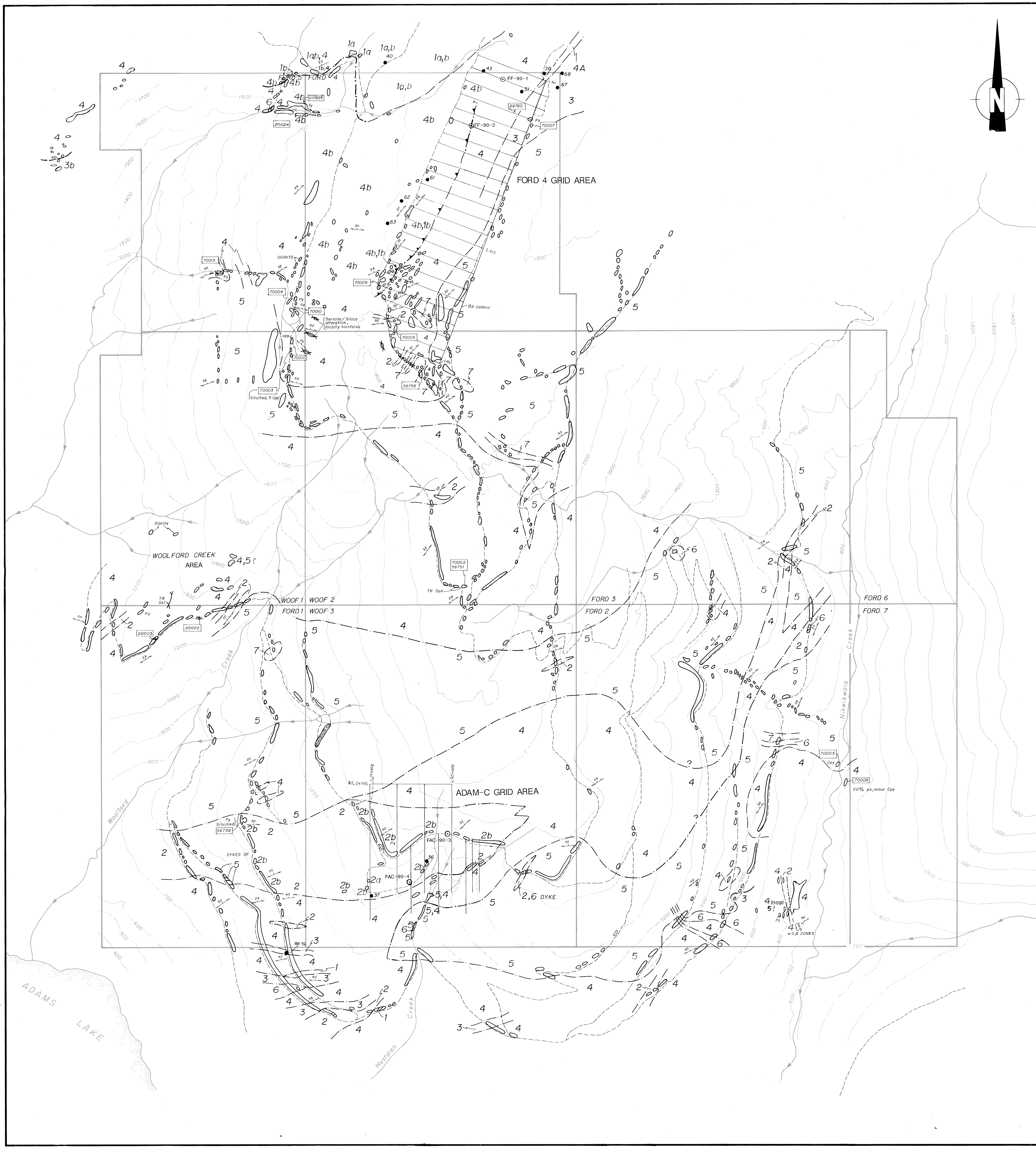
INDEX FILE : A:2200E.IND
DATA FILE : A:2200E.DAT

LINE NO. = 2200

Station	Receive Mode	Dipole :	M0	M1	M2	M3	M4	M5 mV/V	M6	M7	M8	M9	Vp mV	SP mV	Apparent Resist.
425	2	1	20.0	16.3	14.5	13.4	10.5	7.8	6.4	5.0	3.9	3.2	698.8	14.	626.
		2	29.5	24.6	21.9	20.1	16.1	12.1	9.7	7.8	6.1	5.0	255.5	-22.	687.
		3	38.4	32.3	28.9	26.6	21.2	16.1	13.3	10.5	8.2	6.8	129.5	8.	690.
		4	44.1	37.3	33.6	30.9	24.8	19.0	15.7	12.7	10.1	8.4	98.6	8.	884.
		5	45.9	39.5	35.3	32.2	26.5	20.4	16.8	13.7	10.9	9.0	59.8	-5.	805.
447	2	1	20.4	17.0	15.2	13.8	10.9	8.3	6.7	5.2	3.6	2.9	368.3	-15.	481.
		2	32.6	27.6	24.6	22.4	18.1	13.7	11.2	9.3	8.3	7.0	136.1	13.	534.
		3	40.5	34.6	31.1	28.4	23.0	17.7	14.6	11.8	9.4	7.8	101.3	-4.	790.
		4	42.7	36.6	33.3	30.3	24.6	19.1	15.8	12.6	10.0	8.2	57.1	-4.	746.
		5	55.9	47.2	42.2	38.3	30.8	23.4	19.1	15.3	11.9	9.8	41.2	9.	807.
469	2	1	27.0	23.0	20.5	18.8	15.1	11.5	9.4	7.6	5.9	4.9	450.6	5.	329.
		2	36.8	31.6	28.3	26.0	20.9	16.1	13.3	10.6	8.4	6.9	285.6	0.	625.
		3	39.5	34.1	30.6	28.1	23.0	17.8	14.7	11.9	9.4	7.8	137.5	-3.	600.
		4	51.6	43.7	38.8	35.5	28.3	21.5	17.5	13.9	10.8	8.8	111.0	14.	810.
		5	52.0	44.5	40.0	36.8	29.9	23.1	19.1	15.4	12.1	10.1	86.2	0.	943.
490	2	1	25.2	21.6	19.2	17.5	14.2	10.8	8.9	7.1	5.6	4.6	1125.0	-21.	920.
		2	36.6	31.5	28.2	25.9	21.1	16.3	13.7	11.1	8.8	7.3	355.4	-3.	881.
		3	48.4	41.1	36.4	33.2	26.4	20.0	17.2	14.0	11.1	9.1	208.2	11.	1030.
		4	49.4	42.5	37.9	34.8	28.3	21.7	19.2	15.7	12.6	10.6	121.2	11.	1000.
		5	39.3	34.0	30.3	28.0	22.7	17.4	16.0	13.3	10.8	9.1	27.9	-11.	345.
510	2	1	32.3	28.0	24.7	22.8	18.4	14.2	11.7	9.4	7.3	6.1	408.7	-8.	534.
		2	46.1	39.2	34.7	31.6	25.2	19.0	15.5	12.3	9.6	7.8	181.7	9.	713.
		3	48.7	42.4	37.9	35.1	28.6	22.1	18.3	14.7	11.7	9.8	101.9	9.	790.
		4	38.7	33.8	30.4	28.1	22.9	17.8	14.8	11.9	9.4	7.9	22.6	-7.	295.
		5	38.4	33.5	29.9	27.6	22.5	17.3	14.4	11.7	9.1	7.7	8.9	-18.	174.
530	2	1	47.8	39.9	35.4	32.1	25.4	19.1	15.5	12.2	9.4	7.7	605.0	14.	432.

		2	40.5	34.7	31.4	28.8	23.5	18.1	15.1	12.1	9.5	7.9	310.4	0.	665.
		3	35.5	30.6	27.9	25.7	21.1	16.6	13.6	10.9	8.6	7.2	87.0	-18.	372.
		4	35.9	30.9	28.2	25.9	21.2	16.4	13.6	11.0	8.7	7.2	33.2	-1.	237.
		5	42.0	35.9	32.5	29.7	24.2	18.7	15.4	12.4	9.9	8.2	31.9	5.	341.
550	2	1	40.0	34.1	30.5	28.1	22.8	17.5	14.5	11.6	9.2	7.6	677.5	-14.	759.
		2	34.0	29.2	26.2	24.2	19.7	15.1	12.7	10.3	8.3	7.0	161.9	-4.	544.
		3	32.5	27.7	24.7	22.9	18.3	13.9	12.5	10.6	9.7	8.3	57.2	-8.	384.
		4	38.1	32.3	28.7	26.4	21.2	16.2	14.3	11.9	10.9	9.4	47.6	7.	533.
		5	37.3	30.9	27.3	24.9	20.2	15.0	14.3	12.7	11.8	9.5	20.8	-4.	349.
575	2	1	38.1	31.8	28.5	26.1	20.9	16.0	13.1	10.5	8.3	6.8	993.1	-19.	779.
		2	35.5	29.8	26.9	24.7	20.0	15.4	12.7	10.1	7.9	6.6	204.1	-16.	480.
		3	42.1	35.7	32.2	29.6	24.2	19.0	15.7	12.5	9.4	7.2	164.3	5.	770.
		4	45.0	38.4	34.7	32.2	27.0	22.0	18.1	14.3	10.3	7.0	65.8	5.	516.
		5	48.2	41.3	37.6	34.8	29.1	23.9	19.7	15.6	11.1	7.6	53.9	-1.	634.
600	2	1	15.3	12.5	11.0	9.9	7.6	5.8	4.7	3.7	2.8	2.3	911.7	-18.	817.
		2	22.3	18.6	16.3	14.9	11.9	8.9	7.3	5.7	4.2	3.5	430.8	-4.	1159.
		3	25.9	21.8	19.4	17.7	14.2	10.7	8.7	7.0	5.6	4.6	158.3	3.	850.
		4	30.2	25.5	22.6	20.7	16.6	12.6	10.4	8.3	6.5	5.4	93.6	3.	840.
		5	39.1	33.1	29.6	27.1	21.9	16.7	13.7	11.0	8.6	7.1	137.2	-4.	1840.
625	2	1	14.6	12.2	10.5	9.3	7.3	5.4	4.3	3.4	2.6	2.1	850.1	2.	763.
		2	18.8	15.9	14.0	12.5	9.7	7.3	5.9	4.7	3.6	3.0	264.2	-10.	711.
		3	22.9	19.5	17.1	15.5	12.6	9.6	7.8	6.2	4.9	4.1	143.8	1.	772.
		4	32.3	27.5	24.5	22.3	17.9	13.6	11.2	8.9	7.0	5.7	194.5	1.	1745.
		5	35.4	30.3	26.8	24.4	19.8	15.1	12.4	9.9	7.8	6.5	102.4	6.	1378.
650	2	1	14.4	11.7	10.1	9.3	7.2	5.4	4.4	3.4	2.6	2.1	387.0	-2.	347.
		2	19.4	16.2	14.3	13.1	10.3	7.7	6.2	5.0	3.9	3.2	195.1	-8.	525.
		3	28.6	24.4	21.7	19.9	15.9	12.2	10.0	8.1	6.3	5.2	232.1	0.	1240.
		4	31.7	27.2	23.8	21.9	17.5	13.3	10.8	8.6	6.8	5.6	120.1	15.	1070.
		5	38.2	32.0	28.4	25.9	20.8	15.8	12.8	10.5	8.3	6.7	34.2	-9.	460.
675	2	1	12.0	9.8	8.3	7.9	5.9	4.4	3.5	2.7	2.1	1.7	373.4	-1.	390.
		2	21.9	18.4	16.1	15.0	11.7	8.8	7.2	5.7	4.4	3.6	357.6	-16.	1122.
		3	25.4	21.4	18.9	17.8	13.9	10.5	8.5	6.8	5.3	4.3	170.6	14.	1060.
		4	32.4	27.7	23.2	22.1	17.8	13.8	10.8	9.0	6.8	5.9	44.7	-1.	468.
		5	37.0	30.2	27.0	24.5	18.9	13.9	12.6	9.1	7.7	4.9	53.9	-16.	846.
700	2	1	15.7	12.9	11.3	10.0	8.1	5.9	4.8	3.8	2.9	2.4	838.1	-7.	657.
		2	19.0	16.0	14.2	12.6	10.2	7.6	6.3	4.9	3.8	3.1	339.6	-4.	799.
		3	26.0	22.0	19.6	17.8	14.5	10.9	8.9	7.0	5.4	4.4	83.6	-9.	393.
		4	30.6	25.2	22.6	20.2	16.4	12.5	10.4	8.3	6.6	5.4	83.7	5.	656.
725	2	1	13.2	10.7	9.4	8.5	6.6	4.8	3.9	3.0	2.3	1.9	672.0	3.	555.
		2	19.1	15.6	14.0	12.7	10.1	7.5	6.1	4.8	3.8	3.1	121.1	-18.	300.
		3	24.9	19.7	17.7	16.0	12.7	9.6	7.9	6.2	4.9	4.1	110.7	5.	540.

750	2	1	10.3	8.9	7.8	7.2	5.5	3.9	3.1	2.5	1.8	1.4	357.7	-13.	295.
		2	15.9	12.3	10.1	9.0	7.0	5.2	4.1	3.2	2.4	2.0	262.4	5.	650.
775	2	1	9.0	6.8	6.0	5.2	3.8	2.7	2.1	1.6	1.2	.9	261.8	5.	456.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

LEGEND

CRETACEOUS TO TERTIARY

7	QUARTZ FELDSPAR PORPHYRY
6	MAFIC DYKE

LOWER CAMBRIAN(AND OLDER?) TO MISSISSIPPIAN
EAGLE BAY ASSEMBLAGE

5	FOLIATED GRANODIORITE
4	INTERMEDIATE VOLCANIC - CHLORITE PHYLLITE a) Polylithic Breccia b) Lapilli Tuff to Breccia
3	SERICITE - CHLORITE PHYLLITE (DACITE) b) Lapilli Tuff to Breccia
2	QUARTZ - SERICITE SCHIST, SERICITE SCHIST (RHYOLITE) a) Massive b) Lapilli Tuff to Breccia
1a	ARGILLITE, SHALE, MUDSTONE
1b	CONGLOMERATE, WACKE
1c	LIMESTONE
1d	CHERT, QUARTZITE

KEY:

- FOLIATION, INCLINED
- BEDDING, INCLINED
- THRUST FAULT ASSUMED
- GEOLOGICAL CONTACT
- LOGGING ROAD
- OUTCROP
- TRENCH
- 70002 ROCK CHIP SAMPLE
- Py PYRITE
- Po PYRRHOTITE
- Cpy CHALCOPYRITE
- Gal GALENA
- Spy SPHALERITE
- CREEK
- 100 TOPOGRAPHIC CONTOUR *Contour Interval 100 metres*
- 36 DIAMOND DRILL HOLE
- TECK 1990 DIAMOND DRILL HOLE
- GRID

0 250 500 1000
METRES

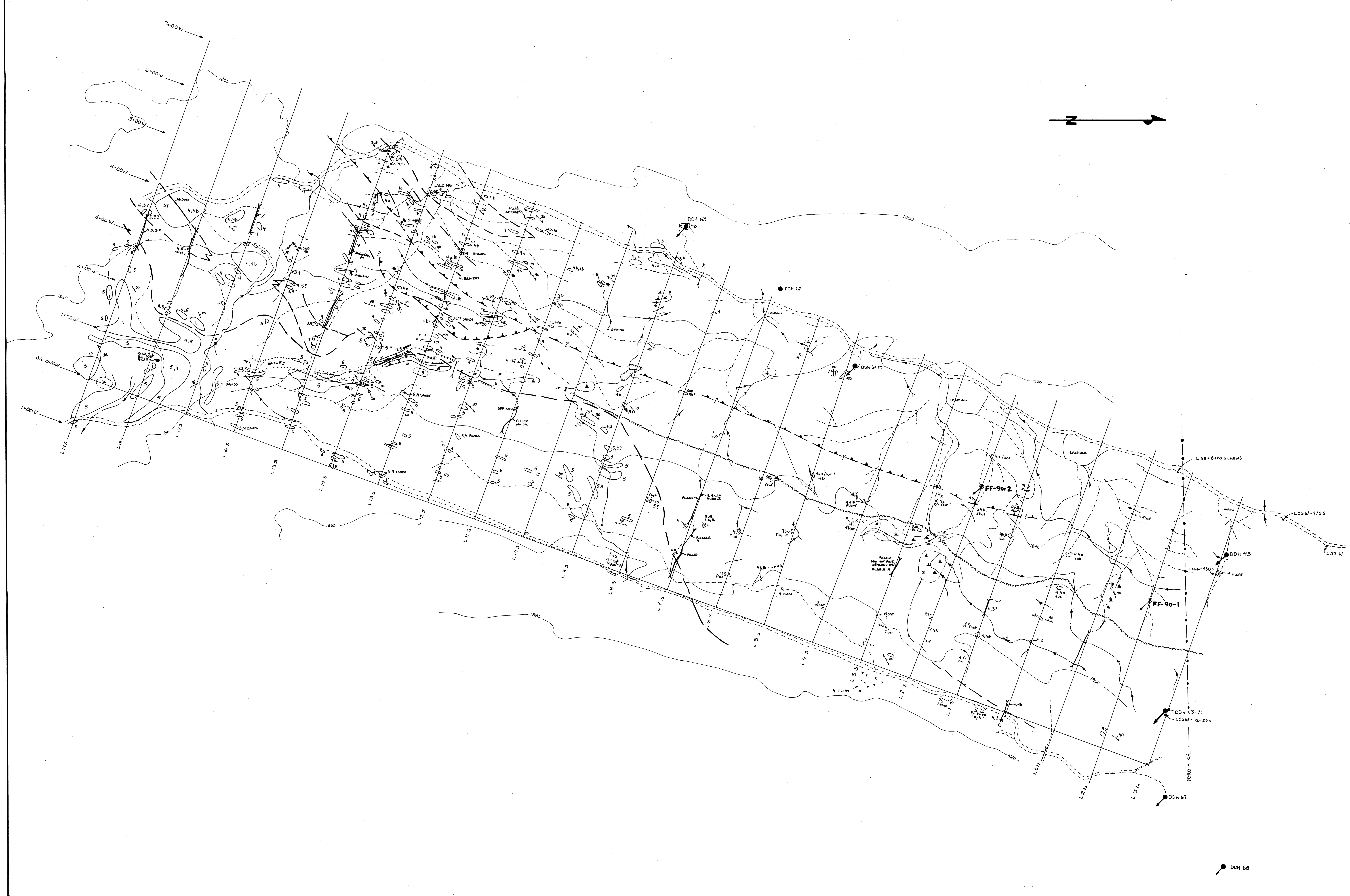
FIGURE 5

TECK EXPLORATIONS LIMITED

FORD PROPERTY

GEOLOGY

NTS: 82M/4, L/13	Geology by: S.JENSEN, P. PROCTER
Scale: 1:10,000	REVISED OCTOBER 1990



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

LEGEND

CRETACEOUS TO TERTIARY

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1c	LIMESTONE
1d	CHERT, QUARTZITE

KEY

FOLIATION, INCLINED
BEDDING, INCLINED
THRUST FAULT (ASSUMED)
GEOLOGICAL CONTACT
MINOR FOLD AXIS
LINEATION
LOGGING ROAD
OUTCROP
ROCK CHIP SAMPLE
GRID
OLD DIAMOND DRILL HOLE
TECK(1990) DIAMOND DRILL HOLE
CUT BOUNDARY
CREEK
SWAMP
POND
py PYRITE
ep EPIDOTE
cp CHALCOPYRITE
sph SPHALERITE
TRENCH
1840 TOPOGRAPHIC CONTOUR-INTERVAL 20M

0 50 100 200
METRES

FIGURE : 6

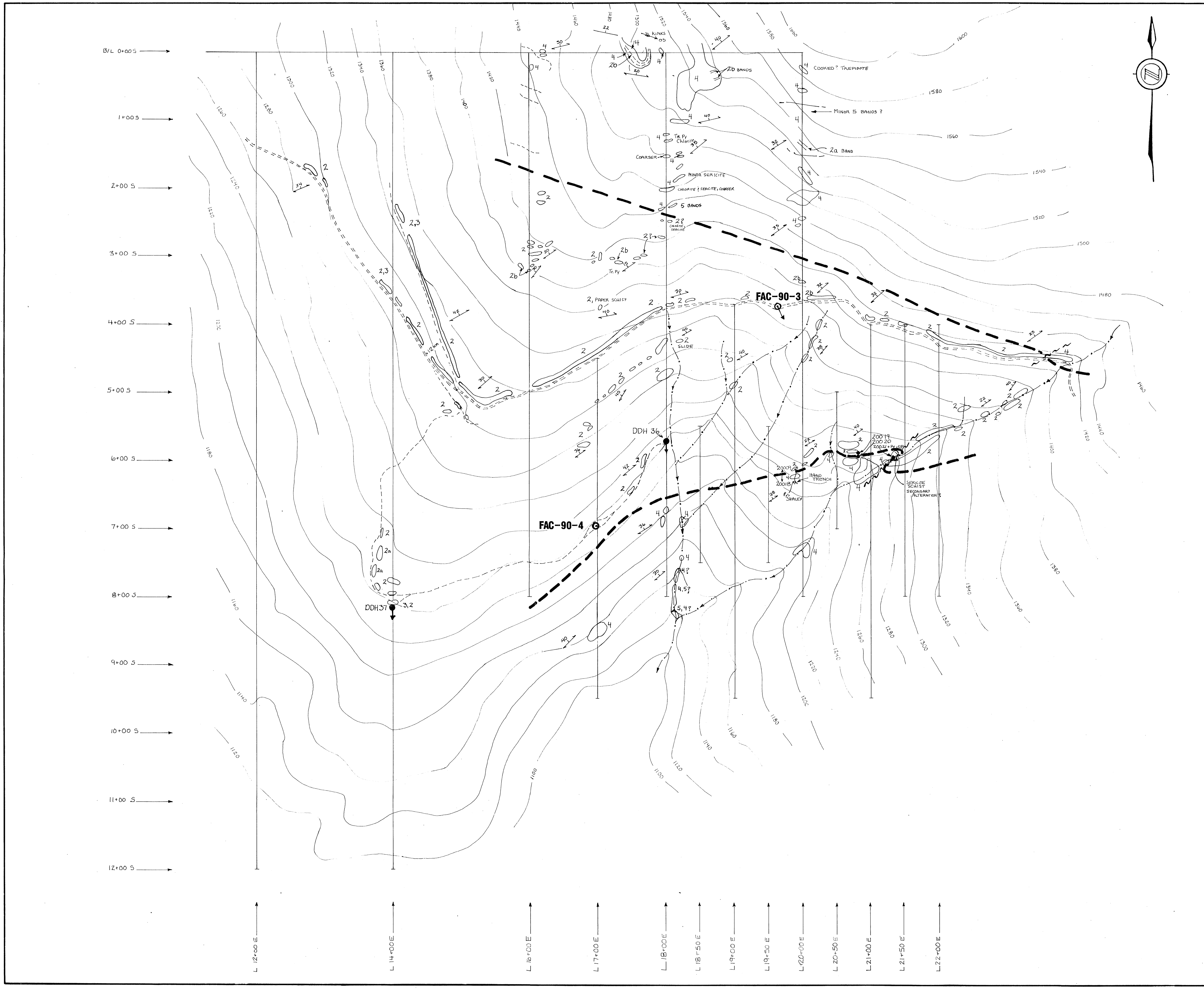
NTS : 82M/4

TECK EXPLORATIONS LIMITED
#960 - 175 SECOND AVENUE
KAMLOOPS, B.C. V2C 5W1
TEL.: (604) 372-0032
FAX.: (604) 372-1886

FORD PROPERTY
FORD 4 GRID

GEOLOGY

SCALE: 1:2500	GEOLOGY BY: SJ,RF
DATE : NOVEMBER 1990	DRAWN BY : PL,SJ



LEGEND

CRETACEOUS TO TERTIARY

7	QUARTZ FELDSPAR PORPHYRY
6	MAFIC DYKE

LOWER CAMBRIAN TO MISSISSIPPIAN

EAGLE BAY ASSEMBLAGE

5	FOLIATED GRANODIORITE
4	INTERMEDIATE VOLCANIC-CHLORITE PHYLLITE a) Polylithic Breccia (Volcanic) b) Lapilli Tuff to Breccia
3	SERICITE-CHLORITE PHYLLITE (DACITE) b) Lapilli Tuff to Breccia
2	QUARTZ-SERICITE TO SERICITE SCHIST (RHYOLITE) a) Massive b) Lapilli Tuff to Breccia
1a	ARGILLITE, SHALE, MUDSTONE
1b	CONGLOMERATE, WACKE
1c	LIMESTONE
1d	CHERT, QUARTZITE

KEY

- FOLIATION, INCLINED
- BEDDING, INCLINED
- FAULT
- GEOLOGICAL CONTACT
- OUTCROP
- GRID
- TRENCH
- 20028 ROCK CHIP SAMPLE
- TECK (1990) DIAMOND DRILL HOLE
- OLD DIAMOND DRILL HOLE
- 1300 TOPOGRAPHIC CONTOUR-INTERVAL 20m
- MAIN LOGGING ROAD
- SECONDARY LOGGING ROAD, CAT TRAIL
- CREEK
- py PYRITE
- cp CHALCOPYRITE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

0 50 100 200
METRES

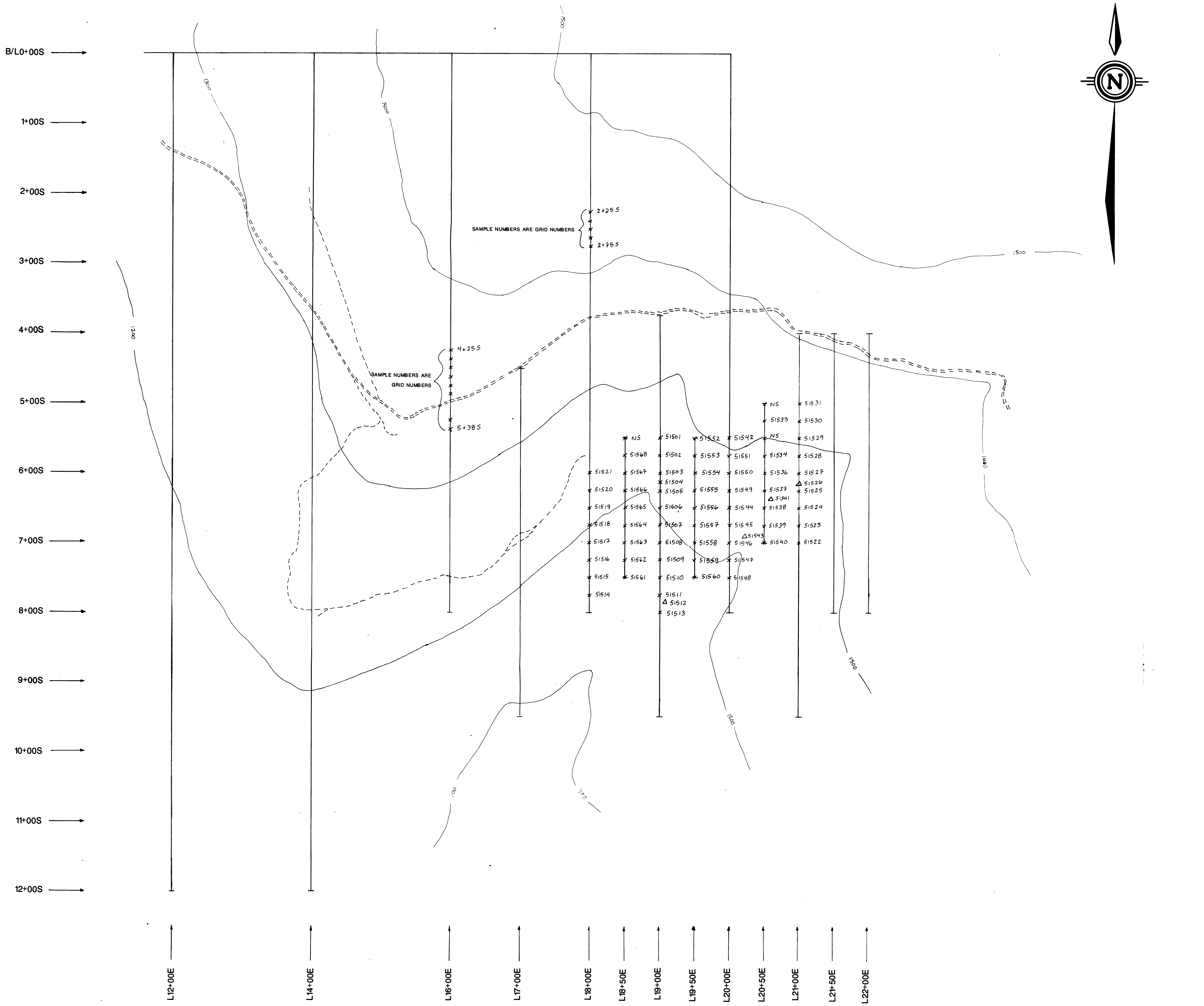
TECK EXPLORATIONS LIMITED
#960 - 175 SECOND AVENUE
KAMLOOPS, B.C. V2C 5W1
TEL.: (604) 372-0312
FAX.: (604) 372-1285

FORD PROPERTY

ADAM-C GRID

GEOLOGY

SCALE : 1 : 2500	GEOLOGY BY : SJ, RF
NTS : 82M/4, L/13	DRAWN BY : PL, SJ
DATE : NOVEMBER 1990	FIGURE : 7



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

KEY

x	SOIL SAMPLE
Δ	MOSS MAT SAMPLE
NS	NO SAMPLE
	GRID
= = =	MAIN LOGGING ROAD
– – –	SECONDARY LOGGING ROAD, CAT TRAIL
	TOPOGRAPHIC CONTOUR-INTERVAL 100M

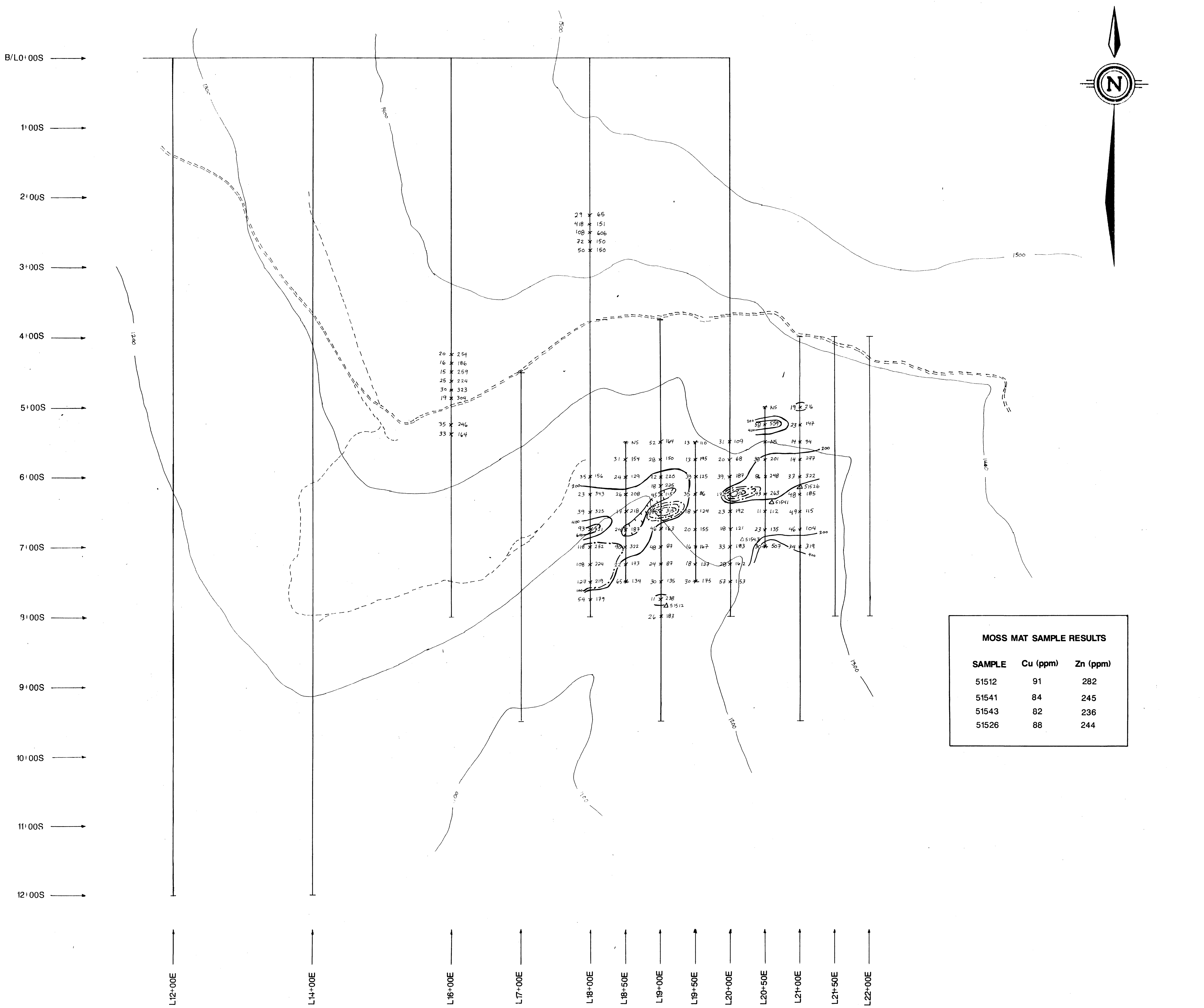
0 50 100 200
METRES

TECK EXPLORATIONS LIMITED

FORD PROPERTY
ADAM-C GRID

SOIL SAMPLE LOCATION

SCALE : 1 : 2500	DATA : SJ, RF
NTS : 82M/4,L/13	DRAWN BY : SJ
DATE : NOVEMBER 1990	FIGURE : 8



MOSS MAT SAMPLE RESULTS

SAMPLE	Cu (ppm)	Zn (ppm)
51512	91	282
51541	84	245
51543	82	236
51526	88	244

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

KEY

SOIL RESULTS (ppm)

Cu × Zn

- Cu SOIL CONTOUR-INTERVAL 100 ppm
- Zn SOIL CONTOUR-INTERVAL 200 ppm
- △ MOSS MAT SAMPLE
- NS NO SAMPLE
- GRID
- MAIN LOGGING ROAD
- SECONDARY LOGGING ROAD, CAT TRAIL
- TOPOGRAPHIC CONTOUR-INTERVAL 100M

0 50 100 200
METRES

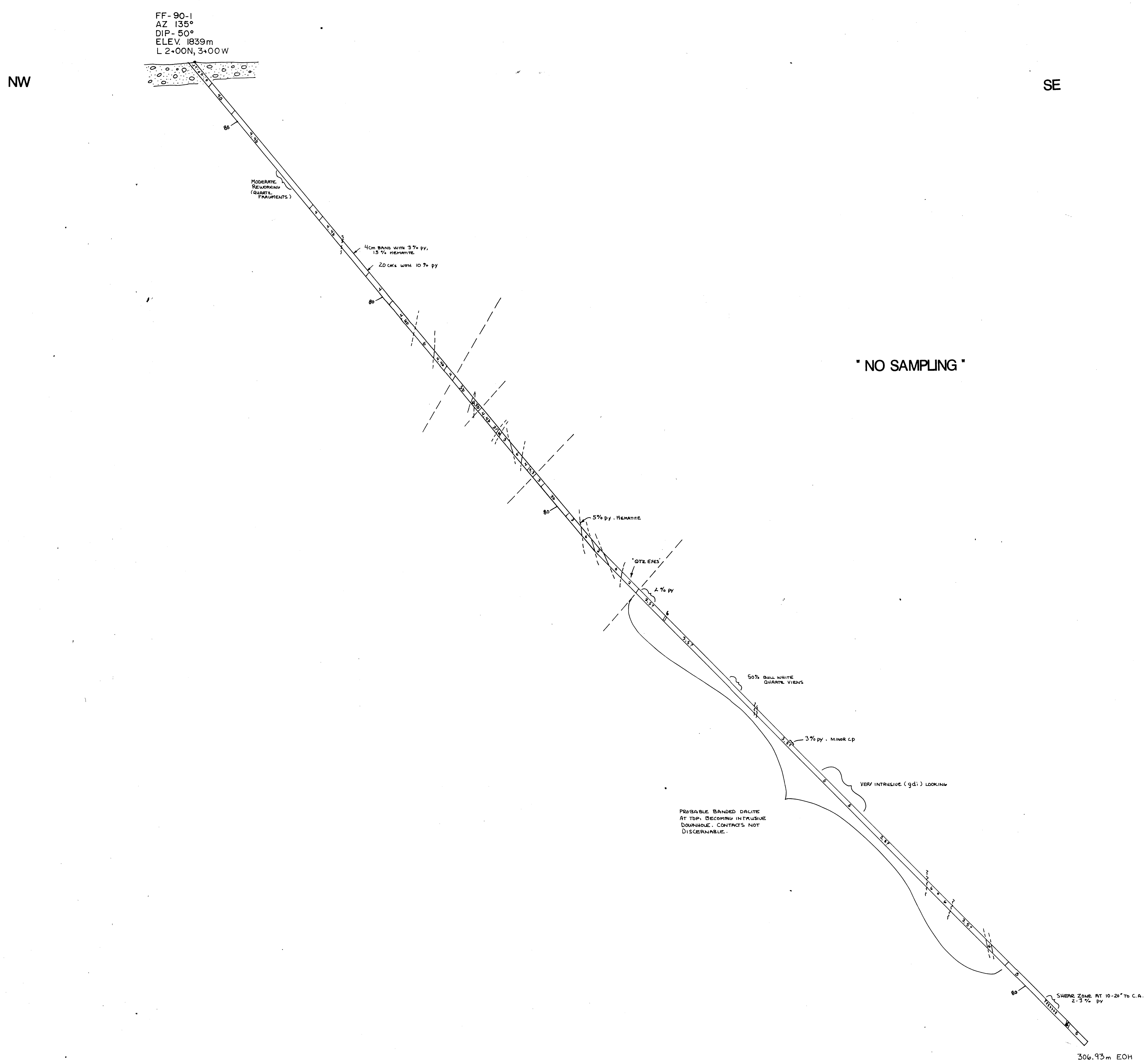
TECK EXPLORATIONS LIMITED

FORD PROPERTY
ADAM-C GRID

SOIL GEOCHEMISTRY

Cu (ppm) & Zn (ppm)

SCALE : 1 : 2500	DATA : SJ, RF
NTS : 82M/4,L/13	DRAWN BY : SJ
DATE : NOVEMBER 1990	FIGURE : 9



LEGEND

CRETACEOUS TO TERTIARY

7	QUARTZ FELDSPAR PORPHYRY
6	MAFIC DYKE

LOWER CAMBRIAN TO MISSISSIPPIAN

EAGLE BAY ASSEMBLAGE

5	FOLIATED GRANODIORITE
4	INTERMEDIATE VOLCANIC-CHLORITE PHYLLITE a) Polylithic Breccia (Volcanic) b) Lapilli Tuff to Breccia
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1a	ARGILLITE, SHALE, MUDSTONE
1b	CONGLOMERATE, WACKE
1c	LIMESTONE
1d	CHERT, QUARTZITE

KEY

— — —	GEOLOGICAL CONTACT
∽∽∽	FAULT
60	FOLIATION, BEDDING WHERE INDICATED
20035	SAMPLE LOCATION
	OVERBURDEN
EOH	END OF HOLE
C.A.	CORE AXIS
py	PYRITE
po	PYRRHOTITE
cp	CHALCOPYRITE
sph	SPHALERITE
gal	GALENA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

0 10 20 30
METRES

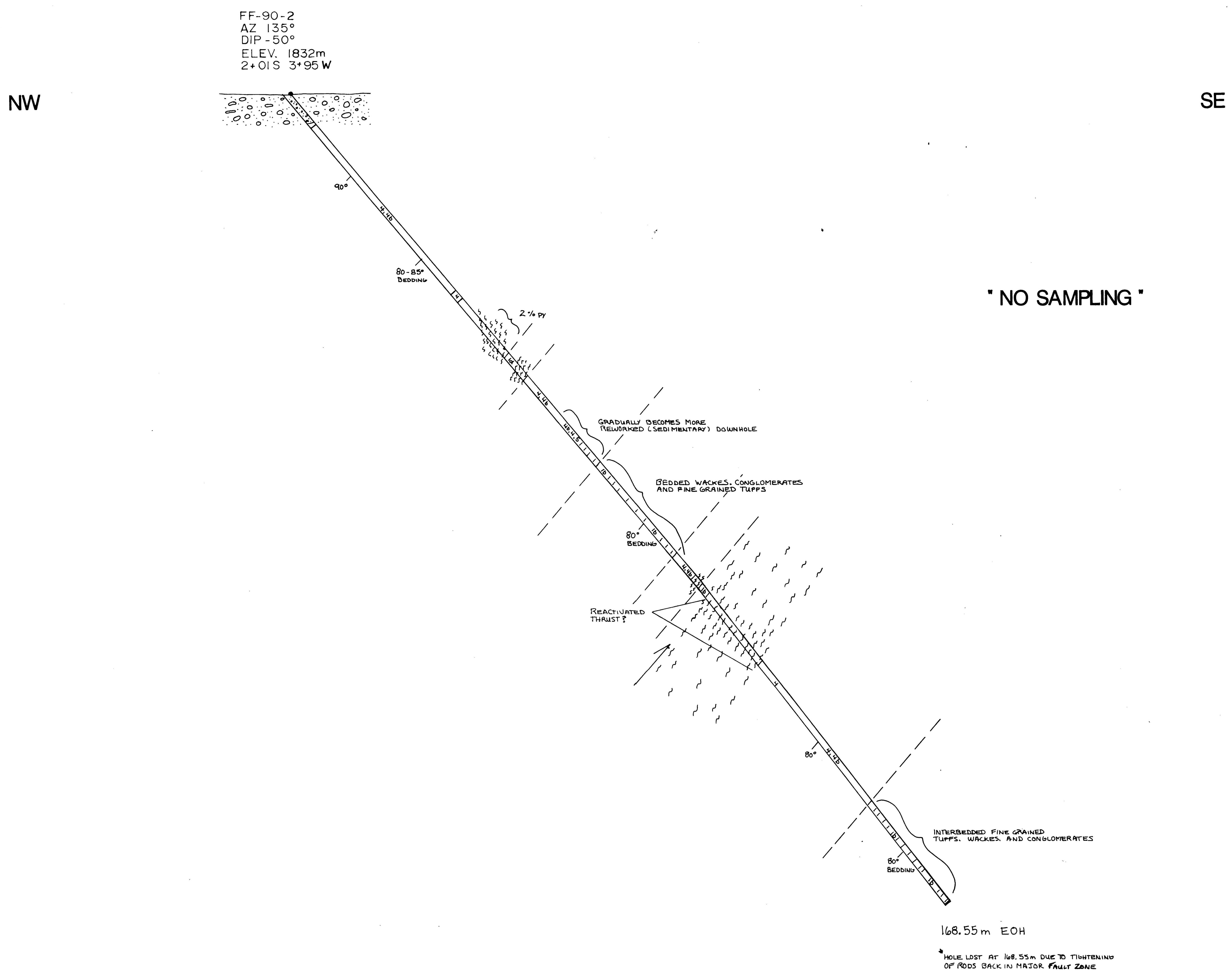
TECK EXPLORATIONS LIMITED

FORD PROPERTY

DIAMOND DRILL SECTION

FF-90-1

SCALE : 1: 400	GEOLOGY BY : SJ, RF
NTS : 82M/4,L/13	DRAWN BY : PL, SJ
DATE : NOVEMBER 1990	FIGURE : 14



" NO SAMPLING "

LEGEND

CRETACEOUS TO TERTIARY

7	QUARTZ FELDSPAR PORPHYRY
6	MAFIC DYKE

LOWER CAMBRIAN TO MISSISSIPPIAN

EAGLE BAY ASSEMBLAGE

5	FOLIATED GRANODIORITE
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1a	ARGILLITE, SHALE, MUDSTONE
1b	CONGLOMERATE, WACKE
1c	LIMESTONE
1d	CHERT, QUARTZITE

KEY

— — —	GEOLOGICAL CONTACT
S S S S	FAULT
60	FOLIATION, BEDDING WHERE INDICATED
20035	SAMPLE LOCATION
	OVERBURDEN
EOH	END OF HOLE
C.A.	CORE AXIS
py	PYRITE
po	PYRRHOTITE
cp	CHALCOPYRITE
sph	SPHALERITE
gal	GALENA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

0 10 20 30
METRES

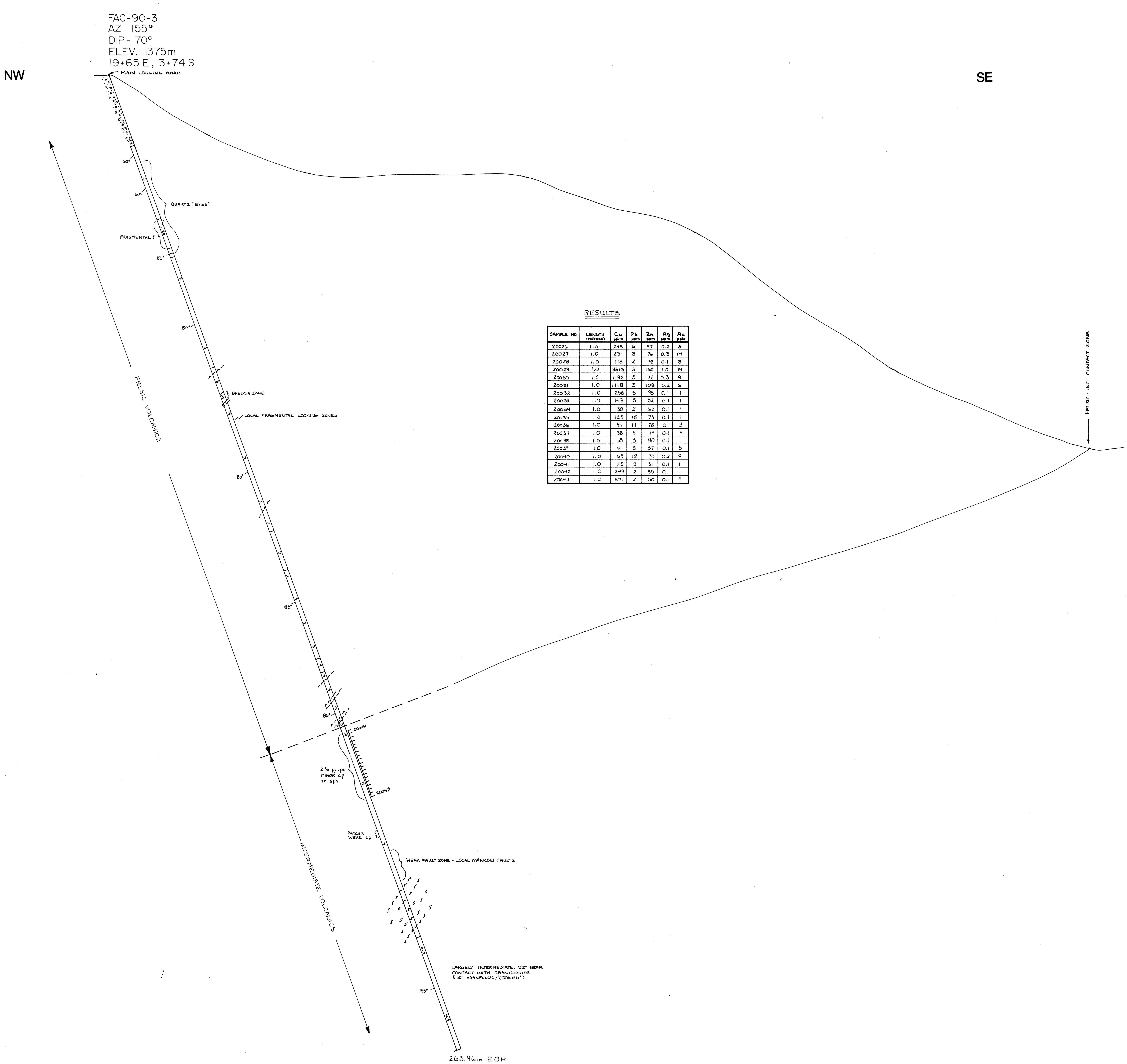
TECK EXPLORATIONS LIMITED
#960 - 175 SECOND AVENUE KAMLOOPS, B.C. V2C 5W1
TEL: (604) 372-0032 FAX: (604) 372-1285

FORD PROPERTY

DIAMOND DRILL SECTION

FF-90-2

SCALE : 1 : 400	GEOLOGY BY : SJ, RF
NTS : 82M/4,L/13	DRAWN BY : PL, SJ
DATE : NOVEMBER 1990	FIGURE : 15



RESULTS

SAMPLE NO.	LENGTH (METRES)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
20026	1.0	243	6	97	0.2	5
20027	1.0	231	3	76	0.3	14
20028	1.0	118	2	78	0.1	3
20029	1.0	3613	3	160	1.0	19
20030	1.0	1192	5	72	0.3	8
20031	1.0	1118	3	108	0.2	6
20032	1.0	258	5	98	0.1	1
20033	1.0	143	5	52	0.1	1
20034	1.0	30	2	62	0.1	1
20035	1.0	123	15	73	0.1	1
20036	1.0	94	11	78	0.1	3
20037	1.0	38	4	79	0.1	4
20038	1.0	65	5	80	0.1	1
20039	1.0	41	8	57	0.1	5
20040	1.0	65	12	30	0.2	8
20041	1.0	75	3	31	0.1	1
20042	1.0	249	2	35	0.1	1
20043	1.0	571	2	50	0.1	9

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

LEGEND

CRETACEOUS TO TERTIARY

- 7 QUARTZ FELDSPAR PORPHYRY
- 6 MAFIC DYKE

LOWER CAMBRIAN TO MISSISSIPPIAN

EAGLE BAY ASSEMBLAGE

- 5 FOLIATED GRANODIORITE
- 4 INTERMEDIATE VOLCANIC-CHLORITE PHYLLITE
  - a) Polylithic Breccia (Volcanic)
  - b) Lapilli Tuff to Breccia
- 3 SERICITE-CHLORITE PHYLLITE (DACITE)
  - b) Lapilli Tuff to Breccia
- 2 QUARTZ-SERICITE TO SERICITE SCHIST (RHYOLITE)
  - a) Massive
  - b) Lapilli Tuff to Breccia
- 1a ARGILLITE, SHALE, MUDSTONE
- 1b CONGLOMERATE, WACKE
- 1c LIMESTONE
- 1d CHERT, QUARTZITE

KEY

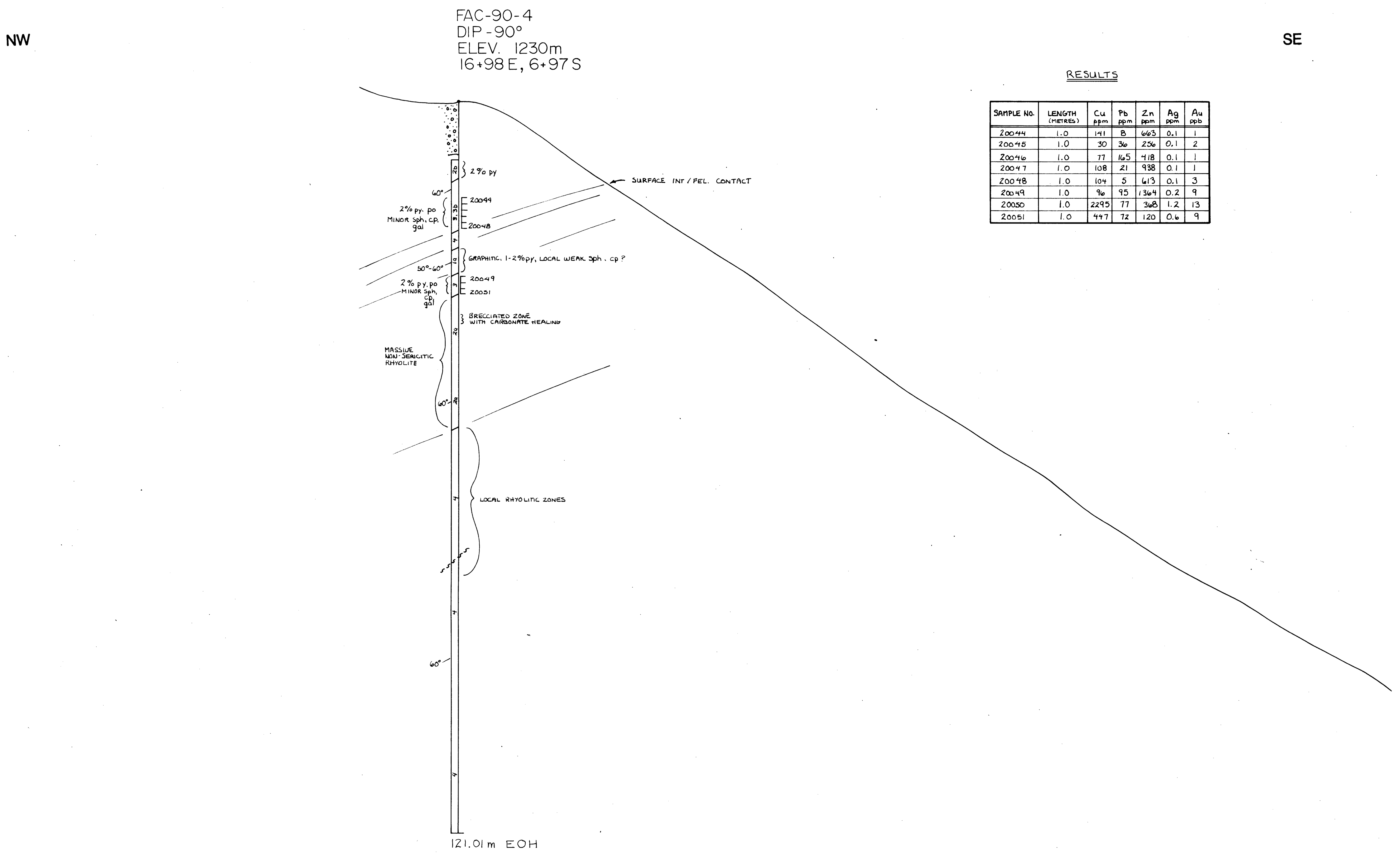
— — —	GEOLOGICAL CONTACT
s s s s	FAULT
60	FOLIATION, BEDDING WHERE INDICATED
20035	SAMPLE LOCATION
	OVERBURDEN
EOH	END OF HOLE
C.A.	CORE AXIS
py	PYRITE
po	PYRRHOTITE
cp	CHALCOPYRITE
sph	SPHALERITE
gal	GALENA

0 10 20 30
METRES

TECK EXPLORATIONS LIMITED
#980 - 175 SECOND AVENUE
KAMLOOPS, B.C. V2C 5W1
TEL.: (604) 372-0032
FAX.: (604) 372-1285

FORD PROPERTY
DIAMOND DRILL SECTION
FAC-90-3

SCALE : 1: 400	GEOLOGY BY : SJ, RF
NTS : 82M/4,L/13	DRAWN BY : PL, SJ
DATE : NOVEMBER 1990	FIGURE : 16



* HOLE SHALLOWS TO -86° TOWARDS 103° (INTO SECTION)
* HOLE LENGTHS (MEASUREMENTS) ARE NOT FORESHORTENED

RESULTS

SAMPLE NO.	LENGTH (METRES)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
20044	1.0	141	8	663	0.1	1
20045	1.0	30	36	256	0.1	2
20046	1.0	77	165	418	0.1	1
20047	1.0	108	21	938	0.1	1
20048	1.0	104	5	613	0.1	3
20049	1.0	96	95	1364	0.2	9
20050	1.0	2295	77	368	1.2	13
20051	1.0	447	72	120	0.6	9

LEGEND

CRETACEOUS TO TERTIARY

- 7 QUARTZ FELDSPAR PORPHYRY
- 6 MAFIC DYKE

LOWER CAMBRIAN TO MISSISSIPPIAN

EAGLE BAY ASSEMBLAGE

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  - a) Massive
  - b) Lapilli Tuff to Breccia
- 1a ARGILLITE, SHALE, MUDSTONE
- 1b CONGLOMERATE, WACKE
- 1c LIMESTONE
- 1d CHERT, QUARTZITE

KEY

- GEOLOGICAL CONTACT
- FAULT
- FOLIATION, BEDDING WHERE INDICATED
- 20035 SAMPLE LOCATION
- OVERBURDEN
- EOH END OF HOLE
- C.A. CORE AXIS
- py PYRITE
- po PYRRHOTITE
- cp CHALCOPYRITE
- sph SPHALERITE
- gal GALENA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,640

0 10 20 30
METRES

TECK EXPLORATIONS LIMITED

#960 - 175 SECOND AVENUE
KAMLOOPS, B.C. V2C 5W1
TEL: (604) 372-0032
FAX: (604) 372-1285

FORD PROPERTY

DIAMOND DRILL SECTION

FAC-90-4

SCALE: 1: 400	GEOLOGY BY: SJ, RF
NTS: 82M/4,L/13	DRAWN BY: PL, SJ
DATE: NOVEMBER 1990	FIGURE: 17