QUARTERLY PROGRESS REPORT
and
ASSESSMENT REPORT FOR WORK DONE IN 1989
on the
DEER HORN MINE PROJECT

LINDQUIST LAKE, TWEEDSMUIR RECREATION AREA

93E/6W

OMINECA MINING DIVISION, B.C.

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By

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for

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,966

PART 1 OF 2

20 April, 1990

CERTIFICATE OF QUALIFICATIONS

Peter G. Folk, P. ENG.

I hereby certify that:

1. I graduated from the University of British Columbia in 1971 with a B.A.S.C. degree in geological engineering.

2. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

3. I have worked since graduation as an exploration geologist and mine geologist in Canada and the United States.

4. The work described herein was done under my direct supervision.

Peter Folk

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INTRODUCTION

On July 10, 1989 Golden Knight Resources Inc., an associate company of Teck Corporation, was awarded mineral title to the six one-post claims that constitute the Deer Horn Mine property at Lindquist Lake in the Tweedsmuir Recreation Area. The purpose of this report is to summarize the work completed to date on the project.

LOCATION AND ACCESS

The Lindquist Lake gold-silver-tungsten prospect is located in the Tweedsmuir Recreation Area near the western end of Whitesail Lake, Omineca Mining Division (fig. 1). Presently the property is accessed by helicopter from Smithers or Burns Lake although good barge-road access from Whitesail Lake would require only a modest seven kilometre road rehabilitation program to be viable in the future. The camp and mine workings are located at about 1300 m. elevation, a 90 minute hike from Lindquist Lake which is at an elevation of 884 m. above sea level.

TOPOGRAPHY AND CLIMATE

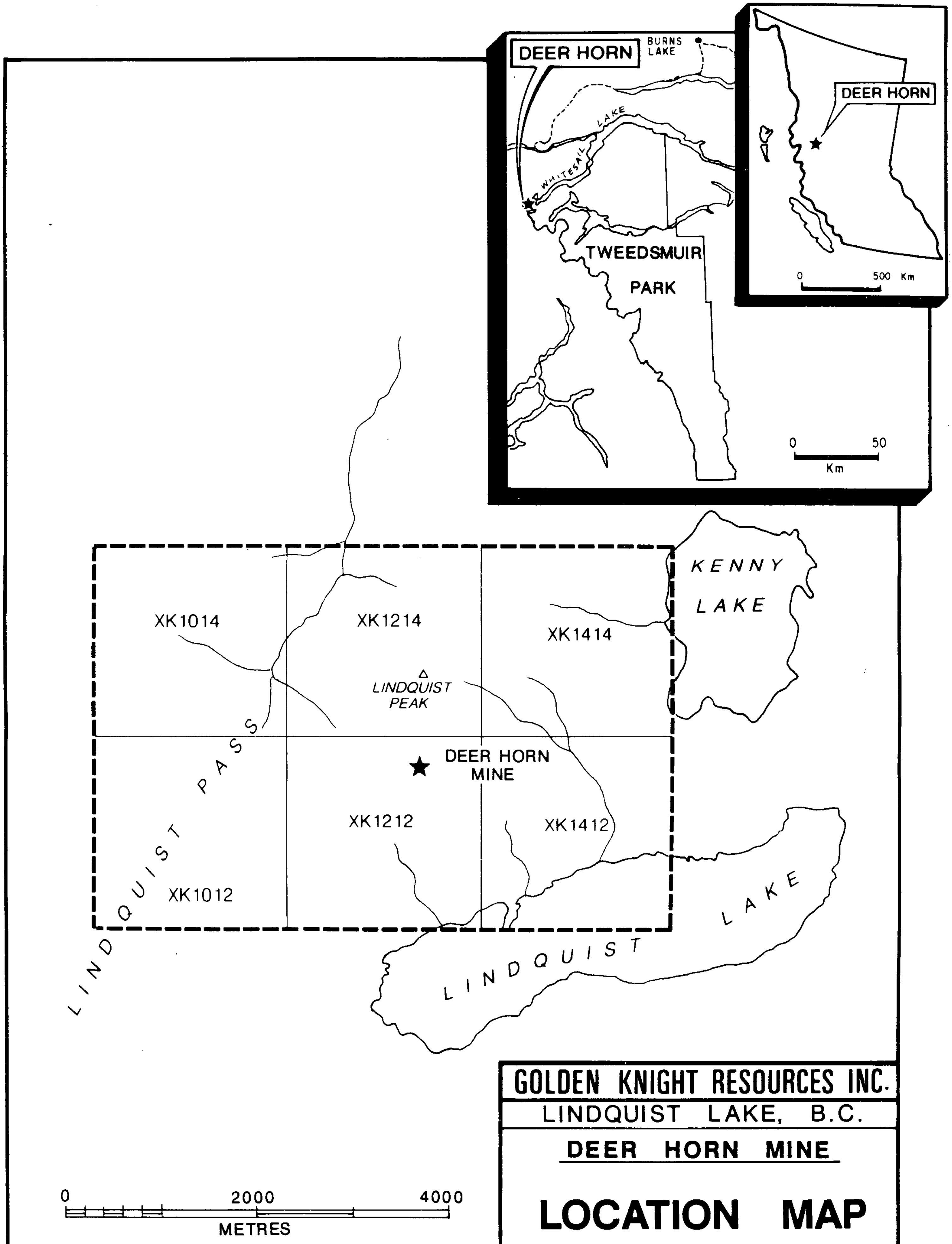
The Deer Horn Mine is situated on the southern slope of Lindquist Peak in the eastern part of the Coast Mountains. Topography is rugged with high relief. Small remnants of alpine glaciers still rest on some of the northern, shady slopes, particularly towards the west into the spine of the Coast Range. On the property, the area of interest is entirely above the tree-line.

The area has a typical coastal climate with frequent rain and abundant snowfall. Lakes are frozen during the winter months, and there is a serious avalanche hazard during periods of deep snow accumulation. A substantial mine camp built in 1954 was, at some subsequent time completely destroyed by snow slides. Summer months are warm and pleasant with adequate water supply from small local creeks.

CLAIMS

Six one-post claims totalling 24 square km. in the Tweedsmuir Recreation Area were recorded July 10, 1989. The claims, which are equivalent to 96 regular metric claim units are listed below. Upon acceptance of this report, assessment requirements for the claims will be fulfilled to the year 2000.

CLAIM NAME	RECORD NO.	RECORD DATE	YEARS APPLIED
XK1012	11255	July 10/89	10
XK1014	11256	"	"
XK1212	11257	"	"
XK1214	11258	"	"
XK1412	11259	"	"
XK1414	11260	"	"



GOLDEN KNIGHT RESOURCES INC.

LINDQUIST LAKE, B.C.

DEER HORN MINE

LOCATION MAP

FIG. 1

HISTORY

The Harrison brothers of Wisteria staked the original claims in Sept. 1943 when they discovered occurrences of scheelite which was a strategic mineral of importance at the time. In 1944 prominent quartz veins to the east were assayed and found to have significant values in gold and silver. Pioneer Gold Mines optioned the property and carried out extensive work including 3,963 m. of diamond drilling but allowed the option to lapse in 1946. From 1950 to 1955 Deer Horn Mines constructed a road from Whitesail Lake to the mineral occurrences, constructed a large camp, excavated over 500 m. of underground openings and did additional surface and underground diamond drilling totalling 2,348 m. In 1967 Granby optioned the property from Deer Horn Mines and completed 3963 m. of bulldozer trenching and road work. The property reverted to the Crown in 1975.

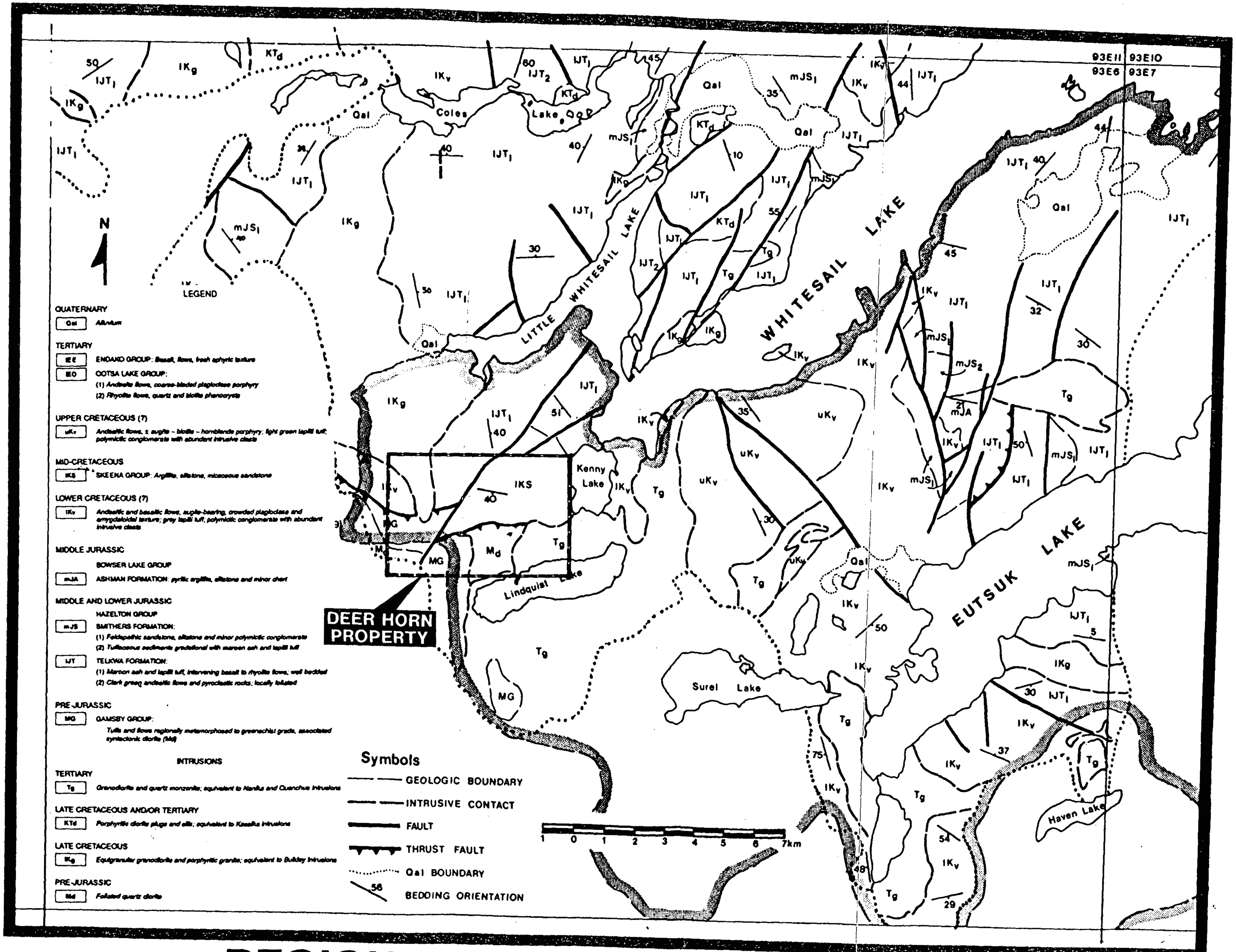
WORK DONE

Field work commenced on July 10 with an examination of the site in the company of local officials of the Parks Branch and Ministry of Energy, Mines and Petroleum Resources. Work ceased with a similar tour on September 29. The following helicopter-supported field work was successfully accomplished:

- a tent camp was constructed to accommodate a crew of 12
- a flagged grid three km. long and one km. wide was set over the key area. North-south grid lines were located 25 m. apart
- 2090 soil samples were collected at 25 m. intervals on the grid and were subjected to multi-element analyses.
- the claims were prospected
- the grid was geologically mapped and mineral occurrences were sampled
- the underground workings were rehabilitated, surveyed, geologically mapped and carefully chip sampled
- a magnetometer survey was completed over 50% of the grid
- thirty-one diamond drill holes were completed for a total of 2253.4 m.
- the old access route from Whitesail Lake to the mine site was studied
- a preliminary acid generation study was completed utilizing samples taken from the adit
- a program of water sampling was completed
- preliminary metallurgical testing was done

REGIONAL GEOLOGY (Fig 2.)

The Deerhorn property lies in the Intermontaine Belt of the Western Cordillera, near the eastern margin of the Coast Plutonic Complex. The oldest rocks in the area are Pre-Lower Jurassic rocks of the Gamsby Group, which are exposed on the west end of Lindquist Lake and a Pre-Lower



REGIONAL GEOLOGY (after Diakow 1988)

FIG. 2

Jurassic quartz diorite pluton exposed on the southwest flank of Lindquist Peak. The Gamsby Group is an informal name for a succession of intermediate and mafic tuffs, flows, and schists overlying the quartz diorite pluton. Both the stratified units and the pluton are regionally metamorphosed to greenschist facies and are deformed with a strong penetrative foliation related to later thrusting.

Lindquist Peak and its north flank are underlain by interlayered marine and non-marine sandstone, siltstone and argillite of the Late Cretaceous Skeena Group. The older Gamsby Group strata and quartz diorite have been thrust over the younger Skeena Group sediments by an east-west striking thrust fault. The thrusting postdates deposition of the Late Cretaceous Skeena Group and predates intrusion of an Eocene granodiorite body, dated at 58.8+1.8 Ma. (Woodsworth, 1979).

The remaining area around Lindquist Lake is underlain by Eocene granodiorite, which is part of the Nanika Intrusions. The granodiorite is coarse grained, equigranular to porphyritic and contains up to 10% vitreous biotite. The foliated quartz diorite, Gamsby Group and Skeena Group strata are in intrusive contact with the granodiorite and are cut by felsic dykes related to the main granodiorite body.

PROPERTY GEOLOGY

The surface geology of the Lindquist Lake property is mapped at 1:1000 scale using the geochemical grid as a locator. This geology is plotted on three adjoining map sheets (figs. 3-5). The underground workings were surveyed and mapped at 1:250 scale (fig 6).

1) Lithlologies

A) Sediments

Sedimentary rocks underlie the majority of the grid north of the 2000N Baseline. The strata have been divided into four main units. These units are based on predominant rock types, since most of the units interbed with or grade into thinner beds of slightly different composition. As no facing direction was determined, the rock units are listed in structural sequence from highest to lowest.

Quartzite: This unit is seen in drill core, underground workings and surface outcrops. In the area of the mine workings (fig 4), it lies in contact with the foliated quartz diorite, both on surface and in the drift. It is fine grained, light grey to pale yellow-grey and very siliceous. Outcrops are blocky in appearance and the rock weathers to a light, off-white color with rusty tones. Very fine grained pyrite is disseminated in the rock and along fractures.
This unit has been mapped by previous workers as aplite and feldspathic quartzite (Papezik, 1957).

Green-Brown Greywacke: This unit encompasses several lithologies that lie between the quartzite and argillite. The dominant lithology is a medium greenish grey to greyish brown, slightly schistose wacke, which weathers to a light greenish brown color. Minor amounts of mudstone and very fine grained arkose are included in this unit. In drill core it is fine grained, medium grey to brownish grey and locally has a light green tone. Generally it contains small, white, anhedral quartz specks, that are less than 5mm. in diameter. The rock is weakly to strongly silicified and the abundance of quartz specks tends to increase with silicifiation. It is often weakly foliated and locally contains small (<5mm diameter), dark, well rounded clasts. In the mine workings and in drill core where silicification has been intense the greywacke and quartzite become indistinguishable.

Argillite: On surface the rock is black, thinly laminated, weakly schistose, and has a silky luster on fractures. Outcrops weather a dark rusty brown. East of L4900E, the unit is locally metamorphosed to andalusite schist. The schist contans approximately 10% randomly orientated metacrysts of andalusite, less than 3mm. in length and largely altered to translucent white sericite. It is probable that the schist is the result of dynamothermal metamorphism related to the emplacement of the granodiorite (Papezik, 1957).
In drill core it is well indurated, black to dark brown with local beige and green laminae. Bedding is locally disrupted by minor folds.

Feldspathic Greywacke: Feldspathic greywacke is a fine grained, medium to dark grey rock with a very dense appearance. Fine translucent white feldspar grains are visible with a hand lens. Outcrops weather to a grainy, often pitted buff colored surface. The rock breaks with a fairly sharp and slightly concoidal fracture. Feldspathic greywacke outcrops on Lindquist peak and the northeastern edge of the grid. It was not encountered in drillholes or underground in the adit.

B) Intrusive and Metamorphic Rocks

Granodiorite: A light colored, equigranular to porphrytic, medium to coarse grained granodiorite forms large, very light weathering outcrops which underlie the southeast corner of the grid. It is composed of quartz, plagioclase, othoclase and accessory (<10%) biotite, which is altered in part to chlorite.

The contact between Granodiorite and Quartz Diorite is gradational and most of the 1989 drill logs do not differentiate between the two lithologies.

Quartz Diorite: Quartz diorite underlies much of the grid south of the L2000N baseline and is seen in drillcore, surface outcrops and underground workings where it has been highly altered.

In the central map sheet (fig 4), it is dominantly dark green with white streaks, is fine to medium grained and strongly foliated. It consists of plagiclase, quartz and 10% to 35% hornblende altered almost completely to chlorite. Secondary biotite and potassic alteration is seen locally.

The intensity of foliation and amount of chlorite is greatest in the central part of the grid where outcrops weather a rusty, greenish brown color. On the west side of the grid, outcrops are medium to coarse grained, contain less mafic minerals and weather a light greenish-grey.

Metavolcanic: This rock unit belonging to the Gamsby Group outcrops only on the western edge of the grid and was not encountered in any drill holes. It is medium greenish grey with streaks of light green epidote and dark green chlorite. It is aphanitic to locally medium grained, with very local lenses of fine breccia (fragments are <6 mm. in diameter). The rock is often foliated, locally sheared and occassionally contains minor folds. Epidote and quartz/carbonate locally infill fractures. Outcrops tend to be rounded and dark greenish grey in color.

Felsic Dykes: Fresh surfaces are light greenish grey, fine grained and moderately siliceous. Dykes are composed of plagioclase with minor quartz and orthoclase (Papezik, 1957). Outcrops weather light beige to locally medium brown with local, small (<2 mm. diameter), limonitic specks. Often the rock is amygdaloidal with calcite filling cavities.
This unit has been mapped as Felsite and as Albitite by previous workers.

Mafic Dykes: These dykes are dark grey with a faint green tint and contain very fine (<1 mm. diameter) feldspar phenocrysts. They are aphanitic, are readily scratched and contain finely disseminated magnetite. Outcrops are rounded, dark grey and less than 1 meter in width.
Mafic dykes were encountered both on surface and in drill core. Previous workers have mapped the unit as 'Trap' and Hornblende Latite (Papezik, 1957).

C) Cataclastic Rocks

Perthite-Quartz Cataclastite: This rock unit is adopted from Papezik's work in the late 1950's. No surface outcrops were noted, but it was encountered locally in the underground workings and in some drillholes. Underground, it is described as spotty grey to greenish grey with rounded to subangular clasts of quartz and feldspar embedded in a sericitic matrix. The proportion of clasts to matrix and the size of fragments are variable. A common and conspicuous feature is orthoclase porhyroblasts, rounded or rectangular, comprising one quarter to half of the rock. These porphyroblasts are up to 1.8cm. in diameter with sharp, straight boundaries.

In drill core it is described as silicified, biotite altered fault breccia. It consists of quartz diorite and minor sedimentary clasts in a light brown biotized matrix with disseminated pyrite and minor quartz stringers. Locally there are sections having a chloritic matrix.

2) Alteration

A) Quartz-Sericite Alteration

This alteration occurs in quartz diorite proximal to the thrust contact with sedimentary strata, and locally as envelopes around quartz veins. Intensely altered rocks are very pale green to off-white, sericitized, silicified and cut by moderate to intense quartz stringers. Virtually all mafic minerals are destroyed, though minor chlorite specks may remain. Intense silicification locally obscures foliation.

Quartz-sericite alteration appears to be the result of fluids moving along faults as it is localized along, and decreases in intensity away from, these structures.

B) Epidote Skarn

Skarn occurs as patchy outcrops and bands within the green-brown greywacke unit. Patchy pervasive epidote colours 10% to 50% of the rock pale to light lime green. The rock is weak to intensely silicified and cut by irregular, white quartz-carbonate and epidote stringers. Bands of skarn tend to be 2 to 4 meters wide. Skarnification is likely metasomatism resulting from the intrusion of the Eocene Granodiorite.

C) Silicification

Intense silica alteration resulting in complete replacement of a pre-existing cataclastic breccia was seen in DDH 89-04. The resulting rock is light grey and fine grained with only vague remnants of the original rock fragments remaining. Such intense alteration neither reaches the adit level nor occurs on the surface. The presence of such intense silica replacement suggests that a deep-seated fluid source may be present in the vicinity.

3) Mineralization

Potentially economic Au-Ag mineralization occurs in east-west striking quartz veins and quartz stockworks or stringer zones within 200 m. of the thrusted quartz diorite-sediment contact. Veins occur in quartz diorite, quartzite, greywacke, and granodiorite but do not penetrate far into the sediments. Mineralization consists of pyrite, sphalerite, galena, magnetite, pyrrhotite and chalcopyrite as small patches, blebs and disseminations in quartz. Gold is present in tellurides and has not been seen in the native form. The quartz veins are white to translucent grey containing chlorite and magnetite. Minor amounts of scheelite occur in epidote skarn and in quartz veins. Minor occurrences of molybdenite and graphite were also noted.

A crude mineral zonation is expressed both by the soil geochemistry and by the mineral assemblages present. The immediate vicinity of the Deer Horn adit contains a multi-element mineral assemblage containing Au, Ag, Zn, Cu, Mo, and minor W. To the west, both in the adit and on surface, the Au-Ag values decrease rapidly while the other elements remain about the same. Further west, the mineralization is predominantly low-grade scheelite with minor Ag, Mo, and Cu. Widespread molybdenite in trace amounts occurs in association with the Tertiary granodiorite. The described mineral zonation is important in the economic sense because it is necessary to concentrate on the precious-metal zone. Unfortunately the geometry of this zone is not well understood and most of the Deer Horn adit was driven along veins essentially barren of gold-silver values. In retrospect it appears that the best zone has a shallow easterly plunge and the adit was driven underneath the best values. This is illustrated by a longitudinal section containing the adit and the appropriate diamond drill intercepts (fig. 8).

4) Structure

A) Foliation and Bedding

A strong penetrative foliation is present throughout the quartz diorite. In sedimentary strata, the black argillite exhibits a strong foliation bedding while weaker foliation occurs in the green-brown greywacke. Both the penetrative foliation in the quartz diorite and the foliation\bedding of the underlying sedimentary strata exhibit an east-west trend. In the sedimentary strata, planar features strike 076 to 081 degrees with average dips of 50 degrees to the south. In the quartz diorite, foliation trends 077 to 122 degrees with shallow to moderate south dips.

In the adit a well defined southwesterly plunging stretch lineation is evident within the foliation planes in the quartz diorite and the sediments. Slickensiding on the walls of the "contact vein" exhibits a similar plunge the significance of which is as yet unknown.

B) Faults

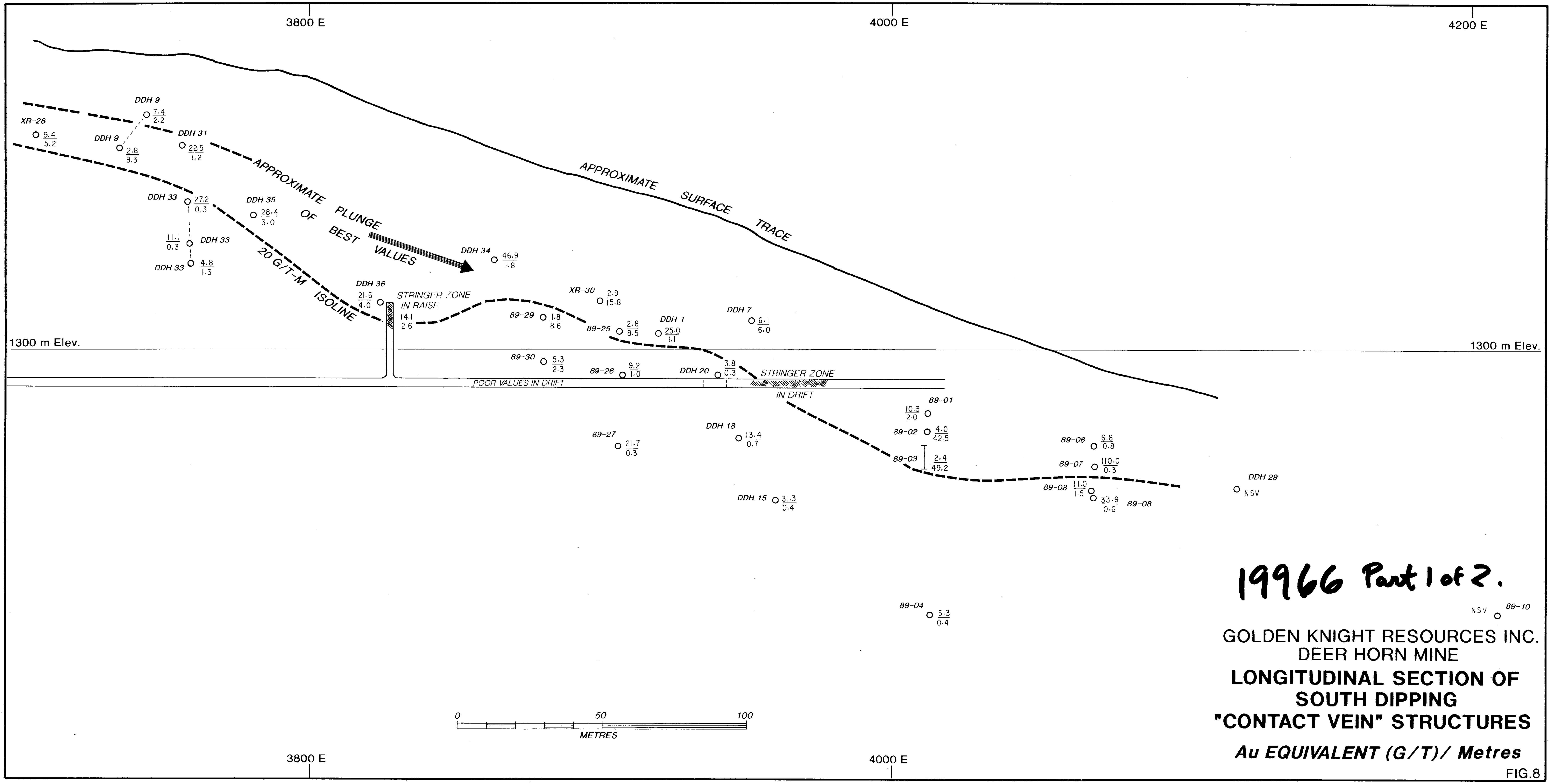
A major east-west trending thrust fault is interpreted along the contact between the quartz diorite and sedimentary strata. Evidence of the thrusting is strongest on the west edge of the grid, north of the baseline, where strong crenulation cleavage, and minor folds and fault splays were noted. A strong foliation in the quartz diorite, dipping south sub-parallel to the sediment-diorite contact was caused by thrust faulting. In the adit, the thrust fault has been rendered unrecognizable by subsequent alteration and mineralization.

Several northwest-southeast trending faults have been mapped and are shown on the geology map (figs. 3 to 5). Where they are actually seen in outcrop the faults appear to be mylonitic shear zones containing small quartz veins and minor mineralization. Some of these faults correlate with linear magnetic lows, presumably the result of hydrothermal alteration of magnetite along the faults.

C) Dykes

Mafic dykes strike slightly north of east and dip moderately to steeply south. They are less than one metre wide and intrude the quartz diorite at several locations. Occasionally mafic dykes are seen in the argillite proximal to the thrusted quartz diorite contact.

Felsic dykes are larger than the mafic dykes and can be traced for greater distances--up to 800 metres. They cut both the sediments and the quartz diorite. Large outcrops of felsic dyke material occur on the northwest corner of the grid. These outcrops form an irregular shaped body



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GOLDEN KNIGHT RESOURCES INC.
DEER HORN MINE

LONGITUDINAL SECTION OF SOUTH DIPPING "CONTACT VEIN" STRUCTURES

Au EQUIVALENT (G/T)/ Metres

FIG.8

that is amygdaloidal along one side. Minor folds, crenulation cleavages and offsets suggest that the thrust fault has been reactivated in post-dyke times.

D) Vein Morphology

Veining at the Deer Horn property occurs in a complex pattern of two vein types. The "contact vein" is sub-parallel to the thrusted quartz diorite-sediment contact and actually consists of a series of parallel veins along a fairly well defined shear zone. Where the vein pinches out the shearing continues and may be mineralized further along or another parallel mineralized shear may develop. Southwesterly plunging slickensides are common along the "contact vein", structures. In contrast, the "main vein" which is actually a series of fairly flat, more or less en echelon structures, cross-cuts foliation and exhibits no shearing along vein walls. Even though the veins are up to three metres thick, their irregular morphology makes them difficult to interpret and to persue with underground workings. Figure 9 contains a representation of the surface expression of these "flat", often thick, and occasionally well mineralized structures. The separate vein segments shown are probably neither connected together nor are faulted segments of one single vein. They are probably separate en echelon tensional vein structures of similar geometry which may have formed under a regime of large scale shearing. In cross section they exhibit a peculiar synclinal shape and curve to become parallel to the "contact vein" structures. Mineralized stringer zones of quartz veinlets occur where the "main vein" and "contact vein" merge. It is thought that the two vein systems and associated stringer zones were contemporaneous members of the same mineralizing event. An extensive series of weakly mineralized to barren quartz veins and vein zones is prominent on the surface east of the Deer Horn adit. The veining in these zones dips to the northeast as opposed to the southerly dips found in the mineralized stringer zones described above. Drill results suggest that these barren vein zones do not penetrate to depth. Conversely the silica replaced cataclastic breccia seen in DDH 89-04 may indeed go to depth and represents a target for deeper drilling.

5) Age Relationships

Sericite at the Deer Horn mine has been age dated (Diakow, 1987) at 56+/- 2 million years. Two dates on biotite in the granodiorite in the area suggest a similar age of formation. This coincides with field relationships in which quartz veining cuts all major lithologies (except dykes) including the granodiorite. The thrust fault is cut by both the granodiorite and quartz veining and is therefore much older than the mineralizing event but did provide a structural focus for later, Eocene hydrothermal solutions. There is some evidence to suggest that a syn-depositional shearing event has been superimposed on the thrust fault in the mine area.

A lead isotope analysis conducted at the U.B.C. of a specimen from the "contact vein" yielded a 206 Pb/204 Pb ratio of 18.83. While this ratio is inconsistent with most other Tertiary deposits in the region, it is similar to the Blackdome deposit which was also formed in the Eocene. Otherwise the lead is similar to various Jurassic deposits such as Silbak Premier and deposits in the Toodoggone area (Godwin, 1990, personal communication). Perhaps the inconsistent lead isotope result is a reflection of the geological complexity of the Deer Horn deposit.

ECONOMIC GEOLOGY

1) Introduction

Early previous work at the Deer Horn property consisting of surface sampling and shallow diamond drilling indicated that good gold-silver values occur in widespread quartz veins of good widths. Much of this work is available in old documents and has been more or less confirmed by the present program. Documentation of the underground program done in 1954/55 is missing but now it is abundantly clear from re-sampling and mapping that results were completely negative. For underground mining purposes, particularly by tracked methods then available the potential was considered to be poor and the property was allowed to lapse. The flat "main vein" structures were found to be complex and difficult to follow and the "contact vein" although simple to follow was narrow and almost barren of significant values where tested. A shallow easterly plunge to the "contact vein" mineralization which is depicted on the longitudinal section (fig. 8) is a difficult geometry to mine by tracked methods and was probably not recognized until the adit was completed. It should be pointed out that figure 8 is a rather imperfect diagram because of the difficulty in sorting out the flat "main vein" structures from the south dipping stringer zones and the "contact vein" structures, but the general trend is probably correct.

The main positive result of the 1989 program is the recognition that a multiplicity of mineralized quartz veins and veinlets is present in the adit area which may be amenable to open pit mining. A deep drill target may also be present in the form of an intensely silicified cataclastic breccia.

2) Surface Sampling

The geology map (figs. 3 to 5) contains a compilation of significant surface sample results taken from a 1946 map by C. Ney and all 1989 surface sampling results. Actual sample results from both eras compare favourably but the veins are not nearly as well exposed in 1989 as they were in 1946. Original trenches and exposures have considerably grown over in the intervening 44 years, but some of the old sample grooves can still be easily seen on many outcrops. All of the surface sampling was done on the "main vein" structures. Nowhere are the "contact vein" structures well exposed on surface. Some significant surface sampling intervals are compiled in Table 1 below.

TABLE 1
Significant Surface Sampling Results

Strike Length (m)	Avg. Width (m)	Au (G/T)	Ag (G/T)	Notes
13.7	2.0	10.97	294.9	old data
60	1.5	14.87	508.8	Same location as below
as above	2.7	12.75	420.7	old data
9	5.3	12.34	306.4	old data
39.6	2.6	12.41	254.7	old data
40	1.7	9.27	127.7	Same location as below
as above	2.7	7.66	131.0	old data
27.7	1.0	5.87	101.4	

None of the flat "main vein" occurrences have been drill tested in detail but it is clear that good grade material occurs close to surface. Tonnage implications are not large but would be of interest if a processing plant were already on the property.

3) Underground Sampling

Veins exposed in the adit were chip sampled at three metre intervals where possible. An electric demolition hammer was utilized with a portable generator located outside the portal. Results, which are shown on figure 7 show rather erratic, potentially economic results only in the first 130 metres of the adit. The results also suffer from the poor angles at which the veins are intersected in this part of the drift and complex vein geometry. The remaining 475 metres of sampling along the "contact vein" returned unfavourable results. Samples taken at the knuckle-back in the long raise approximately 210 metres from the portal were quite good, averaging 9.9 G/T Au, 325 G/T Ag over 2.55 m. of south dipping quartz veins. This mineralization may plunge shallowly east approximately along the "main vein"-"contact vein" intersection.

4) Diamond Drilling

Thirty-one diamond drill holes were completed for a total of 2253.4 metres. A thin-walled drilling system was utilized which yielded core 42 mm in diameter (BDBGM core size) which is stored in racks near the adit portal. Core recovery was uniformly good with only a few exceptions. Copies of the drill logs are included in Appendix 1 and the significant intercepts are compiled on table 2. Figure 9 is a plan view and figures 10 to 40 are cross sectional views of all existing drill holes known to date. Appendix 2 is a listing of all assay and survey data for all holes known to date. The data for the old holes listed in Appendix 2 was compiled from an old plan map and converted to metric units. Collars for these old holes are no longer evident so they could not be surveyed and are only approximately located on the various maps. Data on the drilling carried out from 1953 to 1955 is missing.

TABLE 2

SIGNIFICANT DIAMOND DRILL INTERCEPTS, 1989 PROGRAM
DEERHORN MINE, LINDQUIST LAKE

Hole #	From (M)	To (M)	Int. (M)	Int. (ft)	Au. G/T	Ag. G/T	Au(Equiv) Au:Ag=75:1	Au(Equiv) (oz/t)
89-02	2.47	45.00	42.53	139.5	2.88	84.68	4.01	0.117
89-03	3.60	52.80	49.20	161.4	1.82	48.23	2.46	0.072
89-04	18.60	24.00	5.40	17.7	2.72	51.85	3.41	0.099
89-05	18.60	21.05	2.45	8.0	5.93	131.41	7.68	0.224
89-06	21.80	32.60	10.80	35.4	5.66	84.24	6.79	0.198
89-07	33.00	33.30	0.30	1.0	93.50	1480.10	113.23	3.303
89-08	31.70	33.20	1.50	4.9	8.44	195.00	11.04	0.322
	38.30	38.90	0.60	2.0	29.04	388.11	34.21	1.000
89-09	24.80	33.60	8.80	28.9	1.85	15.91	2.06	0.060
	65.30	69.90	4.60	15.1	1.38	19.76	1.64	0.048
89-11	36.00	43.50	7.50	24.6	2.24	44.26	2.83	0.083
89-12	22.30	26.10	3.80	12.5	2.02	18.41	2.27	0.066
89-13	19.00	20.00	1.00	3.3	3.05	73.60	4.03	0.118
89-15	36.90	37.20	0.30	1.0	4.13	47.40	4.76	0.139
89-16	26.20	26.75	0.55	1.8	6.68	66.00	7.56	0.221
89-18	28.50	36.50	8.00	26.3	4.61	34.10	5.06	0.148
89-20	21.60	24.00	2.40	7.9	1.80	20.17	2.06	0.060
89-23	36.80	41.10	4.30	14.1	2.20	24.67	2.53	0.074
89-25	26.75	45.25	18.50	60.7	1.78	78.41	2.83	0.082
89-26	25.20	26.20	1.00	3.3	6.24	225.5	9.25	0.270
					0.18% Cu		0.48% Zn	
89-27	65.30	65.60	0.30	1.0	12.95	660.0	21.75	0.634
89-29	26.50	29.60	3.10	10.2	1.45	67.19	2.35	0.068
					0.46% Cu		1.12% Zn	
	36.80	45.40	8.60	28.2	1.24	41.47	1.79	0.052
					0.19% Cu		0.21% Zn	
89-30	21.00	32.90	11.90	39.0	0.91	42.51	1.48	0.043
					0.29% Cu		0.73% Zn	
	49.50	51.80	2.30	7.6	3.16	161.62	5.31	0.155
89-31	24.30	27.60	3.30	10.8	2.15	76.7	3.17	0.093
					0.24% Cu		0.86% Zn	

Except for a few good results, for example 93.5 G/T Au, 1480 G/T Ag over 0.30 m in DDH 89-07, the 1989 program yielded mostly sub-economic values in individual veins. However a previously unrecognized potential for bulk mineable low-grade material has been indicated. The best result was 42.53 m assaying 2.88 G/T Au, 84.68 G/T Ag in DDH 89-02 near the Deer Horn adit. Several other significant intercepts are listed on Table 2. Most are related to systems of quartz stringers in the hanging wall of the "contact vein" and are at shallow enough depths to be open pittable. Further drilling is warranted primarily to test the open-pit potential of the area in the vicinity of the adit. In order to do this effectively it will be necessary to re-drill some of the old holes, none of which were assayed completely. A secondary target is the intensely silicified cataclastic breccia intersected in DDH 89-04 which may go to depth.

SOIL GEOCHEMISTRY

Soils on the Lindquist Lake property are very poorly developed, particularly at higher elevations where the sampling medium consists only of talus fines. At lower elevations very thin soils are developed over bedrock, talus and thin glacial till.

2090 soil samples were taken at 25 m. intervals on lines 50 m. apart. Samples were placed in labelled kraft paper bags and sent to Acme Analytical Laboratories Ltd., Vancouver for standard 30 element ICP analysis of the -80 mesh fraction, plus gold analysis by atomic absorption. Sample preparation in the lab consisted of drying, sieving to -80 mesh, and digestion of a 0.5 gram sample in a solution of hydrochloric acid, nitric acid and water at a ratio of 3:1:2 for one hour at 95 degrees C.

The critical elements Au, Ag, Zn, Cu, Mo, and W are plotted and contoured on figures 41 through 46. A large anomaly in all elements except W is centred on 2000N, 5000E and is caused by the mineralized veins in the vicinity of the Deer Horn adit. A southern dispersion of values from this area is caused by a down-slope movement of mineralized material from eroded outcrops and mine dumps. Other multi-element anomalies trending roughly east-west are caused by known outcroppings of mineralization. With only a few minor exceptions all anomalies have been adequately explained.

A mineral zoning is indicated by a central anomaly high in all elements except W flanked on the west by high W, Mo, Ag with weak Au and Zn. This zone at about 5200E, 2000N correlates with a weak W rich stringer zone and quartz veining with silver values but no appreciable gold. Scattered Mo anomalies in the south-east quadrant of the grid are related to quartz-molybdenite occurrences in the granodiorite. There is also an unexplored relationship between Mo highs and magnetic lows, for example at 5500E, 2050N.

MAGNETOMETER SURVEY

A ground magnetometer survey was carried out over the line grid. Readings were taken at 25 m. intervals utilizing a Geometrics total field proton magnetometer, model G816/826A. Values were corrected for diurnal variation by closed-loop, straight-line time adjustment. A factor was then added to remove negative values and a computer generated contour map was produced on figure 47.

The magnetometer results outline the various rock types and proved most useful in outlining altered zones of low magnetic susceptibility. Results, however, are somewhat confused by variable concentrations of magnetite in both quartz veins and various intrusive phases. In general, the sedimentary strata on the northern portion of the survey have a uniformly high magnetic signature presumably from finely disseminated pyrrhotite. A strong magnetic high at the eastern end of the grid is caused by a magnetite-rich phase of the Tertiary granodiorite. Linear lows on the flanks of this anomaly are interpreted as being caused by later faults and associated alteration.

Prospective quartz veins at the Deer Horn adit are associated with a magnetic low between 4500E and 5000E close to line 2000N. A continuation of this low to the west correlates with a hydrothermally altered zone containing sub-economic tungsten values and anomalous Mo, Cu, and Ag. Presumably the alteration associated with the mineralization has destroyed the magnetite within the alteration envelope. To the east the quartz veins do not exhibit such a distinctive magnetic signature.

An unexplained crescent shaped area of magnetic lows occurs from 5500E, 2075N to 5800E, 2200N. The zone corresponds to a weak Mo geochemical anomaly but is deficient in other elements. Actual outcrop exposures are scarce in this area which nonetheless should be more thoroughly examined.

METALLURGY

Preliminary metallurgical tests were undertaken utilizing two 50 kg. samples taken from the adit. One sample collected on a "main vein" structure 55 m. from the portal assayed 5.87 G/T Au, 155.67 G/T Ag and the other which came from the "contact vein" 24 m. west of the knuckle-back raise assayed 3.86 G/T Au, 211.22 G/T Ag.

Testing of both samples at Coastech Research, North Vancouver indicated:

1. The ore is not amenable to precious metal recovery by gravity concentration techniques.
2. Gold and silver recovery in excess of 90% can be achieved by selective flotation.
3. Recovery is grind sensitive requiring a grind of greater than 85% minus 74 microns.

Details are included in appendix 3.

ENVIRONMENTAL STUDIES

Water quality and acid mine drainage studies were conducted and are included in appendices 4 and 5. Predictably, the water in the creeks draining the property is very pure, with the exception of a trickle of water issuing from the Deer Horn adit, which contains a weak concentration of zinc.

The acid mine drainage study concluded that potential for acid generation does exist and that further studies are required if a production decision is contemplated.

SUMMARY AND CONCLUSIONS

Gold-silver mineralization of Eocene age at the Deer Horn property is in a highly complex series of quartz veins and quartz stringer zones near to a thrusted contact between a pre-Lower Jurassic quartz diorite and Late Cretaceous metamorphosed sediments. With only minor exceptions work accomplished in 1989 indicates that further work should be concentrated in the vicinity of the adit where potentially open-pittable low grade values occur close to surface. The best drill hole illustrating this potential is DDH 89-02 which assayed 4.01 G/T Au equivalent over 42.5 metres. Surface expressions of this zone have not been seen although the area is geochemically anomalous. Underlying the mineralized veins is a cataclastic breccia zone which was seen in two widely spaced drill holes and in the adit. DDH 89-04 penetrated a highly silicified portion of this zone which, although only weakly mineralized, is nonetheless considered to be a deep target worth further testing. Surface sampling of fairly large, flat "main vein" structures yielded some good gold-silver values which remain essentially untested. The tonnage implications of these individual structures are not large but some potential mill feed is undoubtedly present which could be mined from surface or underground. These veins represent third priority exploration targets and could perhaps be tested with short percussion holes and diamond drilling if results elsewhere are positive. Soil geochemistry and ground magnetics have indicated only a few, low priority targets for follow-up by prospecting.

Initial environmental and metallurgical studies, although preliminary in nature, have not defined any insurmountable problems.

RECOMMENDATIONS

Efforts should be concentrated on delineating an open-pit ore reserve by diamond drilling from surface. Secondarily, the siliceous cataclastic breccia zone should be further tested by drilling and a small amount of surface hand trenching should be done where the mineralized stringer zone projects to surface. A program of 1500 metres of diamond drilling is recommended with a contingency for another 1000 metres if warranted by results. Only a small amount prospecting is recommended for terrain not adjacent to the immediate area of interest.

Until such time as a potentially economic ore zone is outlined, further environmental, metallurgical and engineering studies should be postponed.

Respectfully Submitted

Peter Folk

Peter G. Folk, P.Eng

BIBLIOGRAPHY

Diakow, L.J. and Koyanagi, V. (1988a): Stratigraphy and Mineral Occurrences of Chikamin Mountain and Whitesail Reach Map Areas, *B.C. Ministry of Energy, Mines and Petroleum Resources*, Geological Fieldwork, 1987, Paper 1988-1, pages 155-168.

Diakow, L.J. and Koyanagi, v. (1988b): Geology of Chikamin Mountain Map area, *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1988-2.

Godwin, C.I.: Personal Communication 1990.

Joubin and Langille: Harrison Group Geological Plan, 1945, Map in Teck Corporation files.

Ney, C.: Harrison Group General Plan, 1946, Map in Teck Corporation files.

Papezik, V.S. (1957): Geology of the Deer Horn Prospect, Omineca Mining Division, British Columbia, Unpublished M.Sc. Thesis, *The University of British Columbia*, 85 pages.

Teck Corporation: Miscellaneous files.

ITEMIZED COST STATEMENT

CHARTER AIRCRAFT

NORTHERN MOUNTAIN HELICOPTERS, HOUSTON, B.C. BELL 206
AUG 11 - 6.5 HR., AUG 14 - 1.2 HR @$726/HR $ 5,590

CANADIAN HELICOPTERS, SMITHERS, B.C. BELL 206
JULY 10 - 2 HR, 13 - 4.1 HR, 15 - 1.1 HR, 20 - 1.8 HR,
29 - 0.8 HR; AUG 1 - 1.4 HR, 3 - 2.7 HR, 17 - 2.9 HR,
22 - 3.4 HR, 21 - 2.4 HR, 28 - 3.3 HR; SEPT 1 - 0.8 HR,
7 - 4.2 HR, 9 - 2.2 HR, 12 - 2.9 HR, 14 - 1.0 HR, 16 - 2.5 HR,
18 - 2.0 HR, 19 - 1.7 HR, 21 - 3.4 HR, 23 - 2.5 HR, 29 - 2.2 HR
51.3 HR @ $726/HR = $37,244

CANADIAN HELICOPTERS, TERRACE, B.C. ASTAR
JULY 13 - 5.6 HR, 27 - 1.1 HR, 30 - 0.5 HR; AUG 10 - 2.5 HR,
12 - 2.5 HR, 21 - 2.4 HR, 25 - 2.1 HR; SEPT 28 - 4.5 HR,
29 - 1.0 HR; OCT 1 - 2.0 HR
24.2 HR @ $1,014.72 = $24,556

CENTRAL MOUNTAIN AIR, SMITHERS, FLOAT PLANE
JULY 20, AUG 3, SEPT 28 = $ 1,354

FUEL $ 2,004

DIAMOND DRILLING

VAN ALPHEN DRILLING, SMITHERS, B.C.
2,253.4 M DRILLING @ $91.48 = $206,148
(INCLUDES CAMP CONSTRUCTION, COOK, MOBILIZATION)

LABOUR

G. LOVANG, PROSPECTOR JULY 10 - AUG 31 53 DAYS @ $180 = $ 9,540
G. MAY, LABOURER JULY 10 - AUG 17 39 DAYS @ $150 = $ 5,850
J. BACON, LABOURER JULY 10 - SEPT 30 83 DAYS @ $150 = $12,450
K. CHUBB, TECHNICIAN JULY 10 - AUG 3 25 DAYS @ $160 = $ 4,000
J. PARDOE, GEOLOGIST JULY 20 - SEPT 7, SEPT 12-28 67 DAYS @ $202 = $13,534
P. FOLK, P.ENG. JULY 10 - AUG 22, AUG 27 - SEPT 30 79 DAYS @ $260 = $20,540
$65,914

FOOD CANADA SAFEWAY, SMITHERS			$10,891
ASSAYS			
MIN-EN LABS, N. VANCOUVER			
ROCK AND CORE ASSAYS	1,395 @ $30.16	=	$42,073
ACME ANALYTICAL, VANCOUVER			
GEOCHEMICAL ANALYSES	2,090 @ $11.75	=	$24,558
ROCK ASSAYS	20 @ $25	=	$ 500
			$67,131
		TOTAL	$420,732

* COST STATEMENT DOES NOT INCLUDE:

TRAVEL COSTS, METALLURGICAL STUDY, ENVIRONMENTAL STUDY, COMPUTER TIME, DRAFTING, REPORT PREPARATION, CAMP COSTS, TELEPHONE, FREIGHT, Pb ISOTOPE STUDY, MISCELLANEOUS.

APPENDIX 1

DIAMOND DRILL LOGS

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 5

LEGEND			
QUARTZ VEIN	◩	SKARN	S
GRANODIORITE	G	ARGILLITE	A
QUARTZITE	Q	SILICIFICATION	☒
GREYWACKE	W	SERICITIZATION	⁘

SURVEY

Depth	Bearing	Inclination

Property DEER HORN MINE

Location LINDQUIST LAKE

GRID - 2054.6N 4969.8E

Coord.- Collar N 3905 76

E 4011.57

Elev.- Collar 1304.36

Date Started 13 AUG 89

Date Completed 14 AUG 89

Hole No. DDH 89-1

Bearing at collar DUE NORTH

Inclination at collar -45°

Length 60.37 m

Core Size BQ THINWALL

Logged By P.F.

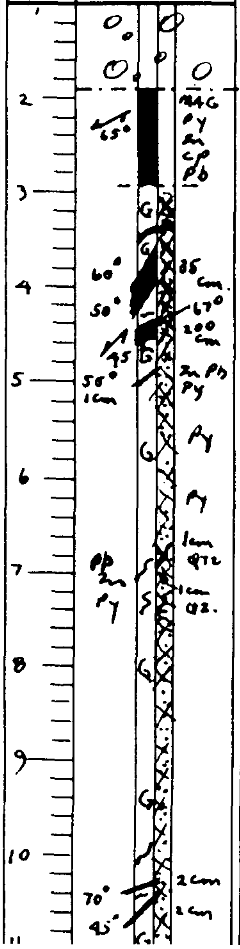
LITHOLOGY, ALTERATION, MISC.

0-1.94 OVERBURDEN

1.94-2.97 QUARTZ VEIN WITH WEAK BANDING @ 65°. CONTACTS FRACTURED. GOOD RECOVERY

2.97-21.00 SILICIFIED, SERICITIC GRANODIORITE WITH A WEAK TO MODERATELY STRONG FOLIATION VERY LITTLE MAFIC MINERALS, SOME CHLORITE.

Depth / GRAPHIC LOG



MINERALIZATION

MAGNETITE, PYRITE, Cp, Zn, Pb. MAGNETITE CONC. TOWARDS TOP

WEAK Py, Cp IN SLIGHTLY LIMONITIC QTZ. VEIN.

WEAK MIN. IN QTZ.

1cm QTZ. WITH Pb, Zn, Py,

WEAK Py ON HEALED FRACTURES.

WEAK Pb Zn Py IN QTZ. STRINGERS.

TRACES Py Zn Cp

RECOVERY

Run	%
	0
1.52	23%
1.94	95%
2.79	87%
5.49	99%
8.54	99%

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
			G/tonne	G/tonne	PPM	PPM
1701	1.94-2.97	1.03	19.6	4080	9550/12660	1200/3
1702	2.97-4.09	1.12	0.52	16.3	194/125	80/2
1703	4.09-5.30	1.11	0.19	6.2	153/169	55/13
1704	5.20-6.70	1.50	0.02	0.4	44/229	140/2
1705	6.70-7.50	0.90	0.17	13.6	81/993	480/9
1706	9.90-11.00	1.10	0.06	3.9	111/265	25/2

BOX

DDH: 89-1

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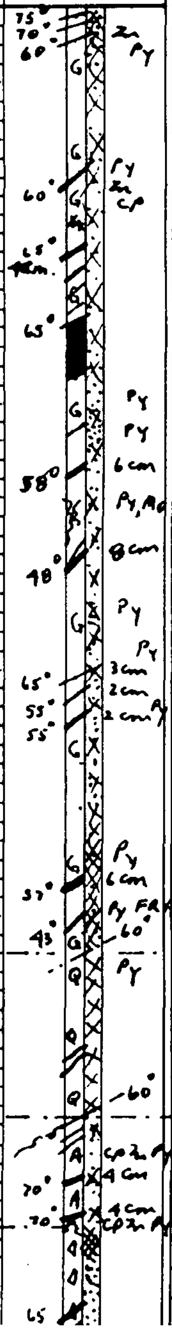
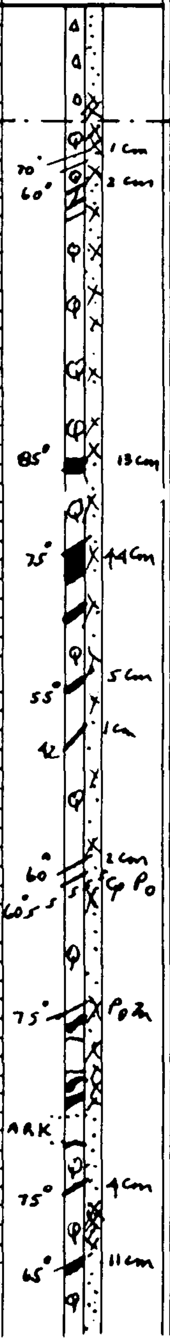
LITHOLOGY, ALTERATION, MISC.	Depth m	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
INCREASED SERICITE.			SERIES OF SMALL QTZ			1707	11.0-11.50	0.5	0.42	20.9	163/750	35/2	
			STRINGERS TRACES ZN	11.59									
	12												
	13		1cm QTZ.		99%	1708	12.70-13.40	0.7	0.08	6.3	158/394	10/225	
			DISSEM Py Zn Cp.										
			SMALL QTZ. VEIN Py Zn Mo			1709	13.40-13.60	0.2	1.52	34.0	147/4060	20/320	
	14		BARREN QTZ. STRINGERS										
						1710	13.60-15.10	1.5	0.15	2.2	72/103	5/2	
			BARREN QTZ. VEIN	14.63									
	15												
COARSE PYRITE WITH SERICITE FRACTURES			Py ABOUT 0.5%			1711	15.10-16.40	1.3	0.01	1.8	158/212	15/2	
	16												
TRACES Mo ON HAIRLINE			Mo, Py ON LATER?		99%	1712	16.40-17.10	0.7	0.02	0.1	31/68	10/2	
SERICITIC FRACTURES WITH Py			SERICITIC FRACTURES.										
	17		BARREN QTZ.										
				17.68									
	18		TRACES Py										
	19				95%								
	20		Py ON FRACT										
WEAKLY MINERALIZED QTZ. VEIN.			Po, Zn, Py, SCHEELITE TRACES			1713	20.3-20.8	0.5	0.80	22.1	233/228	20/450	
COARSE Py ON SER, QTZ-FRACT.			Py FRACT.										
				20.73									
	21												
21.00 - 22.78 HARD, SILICIFIED			DISSEM Py			1714	20.8-21.6	0.8	0.03	0.1	114/54	10/2	
WHITE TO GREY QUARTZITE, MINOR													
COARSE ARKOSE. SHARP CONTACT	22		BARREN QTZ. STRINGERS		99%	1715	21.6-22.7	1.1	0.03	3.4	161/388	10/2	
WITH GRANODIORITE. DISSEM. Py.													
22.78 - 23.9 GREY-GREEN ARGILLITE.			CONTACT @ 60°, SHEARED										
DISSEM. PYRRHOTITE, MINERALIZED QTZ	23					1716	22.7-23.4	0.7	9.80	4850	4220/11940	50/25	
VEINING. VEINS AT BOTTOM CONTACT													
			IRREGULAR SHEARED VEINS	23.78									DDH: 89-1
23.9 - 26.2 PORPHYRITIC CATACLASITE	24		— · —			1717	23.4-24.1	0.7	0.72	22.8	836/3160	25/3	
POORLY SORTED GRANODIORITE(?) CLASTS IN													
A FINE GRAINED SERICITIC GREY MATRIX,			A FEW QTZ. STRINGERS		99%	1718	24.1-24.7	0.6	0.01	2.1	117/202	15/2	
PORTIONS ARE [illegible] SILICIFIED [illegible]			TRACES Py, Cp, Z										



LITHOLOGY, ALTERATION, MISC.	Depth 25	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu / Zn	Pb / W	BOX
ARE SERICITIZED AND SHEARED.					1719	24.7-26.0	1.3	0.05	3.6	150/84	15/6	
		MINOR DISSEM PY,										
	26	TRACES QTZ. VEINLETS		99%								
26.2 – 39.8 QUARTZITE, GREY					1720	26.0-26.8	0.8	0.01	2.1	150/206	15/3	
SERICITIC, WEAKLY TO STRONGLY												
FOLIATED. PORPHYROBLASTIC TEXTURE	27	TRACES PY, Zn. IN QTZ.	26.83		1721	26.8-27.4	0.6	0.20	14.3	150/349	50/4	
IN SOME SILICIFIED SECTIONS.		VEINLETS. TRACES BRIGHT										
SOME SECTIONS OF COARSE		SILVER MINERAL.										
ARKOSE.	28											
				99%								
	29											
					1722	29.7-30.7	1.0	0.17	4.9	277/96	20/8	
MINOR DISSEM PYRRHOTITE	30	TRACES MAG, Cp, Po	29.88									
	31	TRACES Cp.		99%								
	32				1723	30.7-32.2	1.5	1.95	52.0	567/605	15/3	
	33		32.93		1724	32.2-33.5	1.3	0.01	6.8	169/334	15/3	
					1725	33.5-34.0	0.5	0.02	3.5	178/151	35/2	
NOTE MINOR BIOTITE	34											
ALTERATION.		10 cm SERICITIC SHEAR		99%	1726	34.0-34.4	0.4	2.82	100.8	743/2230	475/4	
		ZONE WEAKLY MINERALIZED										
					1727	34.4-35.6	1.2	0.21	12.4	56/64	55/2	
	35											
					1728	35.6-36.2	0.6	0.22	15.9	311/303	70/4	
	36		35.98									
36.6 – 37.0 WHITE COARSE		SMALL STRINGER OF			1729	36.2-36.6	0.4	2890	949.0	481/351	195/2	
ARKOSE. SERICITE ALT, CALCITE		HIGH GRADE. Pb, Cp										
ON FRACT.	37				1730	36.6-37.4	0.8	0.01	1.6	108/74	35/3	
		HIGH GRADE VEINLET										
		Zn, Po, Cp Pb		99%	1731	37.4-38.2	0.8	1.92	86.1	319/351	645/2	DDH: 89-
	38											
PROBABLY "CONTACT VEIN" 11 CM THICK		Po Cp Zn			1732	38.2-38.5	0.3	3.85	170.4	832/4160	645/2	
WITH SHEARED SERICITIC WALLS												
FOLIATION PARALLEL TO VEIN					1733	38.5-39.0	0.5	0.01	1.2	50/	100/	

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LITHOLOGY, ALTERATION, MISC.

39.8 – 45.2 QUARTZITE. IMPURE QUARTZITE WITH 5-10% COARSER CLASTS UP TO ABOUT 4MM IN DIAMETER.

40.8 SERICITIC SHEAR.

42.7 SERICITIC SHEAR, TRACES QTZ, Mo

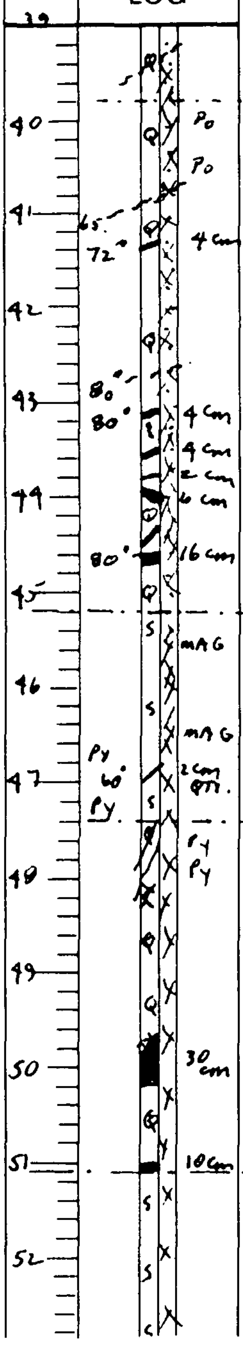
CROSSCUTTING, CHLORITE - EPIDOTE FILLED FRACTURES

45.2 – 47.4 EPIDOTE SKARN WITH SOME FINELY DISSEMINATED MAGNETITE, MINOR QTZ VEINING AND PYRITE.

47.4 – 51.1 QUARTZITE. SILICIFIED, IMPURE QUARTZITE

51.1 – 54.1 EPIDOTE SKARN.

Depth / GRAPHIC LOG



MINERALIZATION

39.5 - SERICITIC SHEAR

TRACES DISSEMINATED PYRRHOTITE.

TRACES Zn, MAG., FOLIATION PARALLEL TO VEIN.

SMALL PTYGMATIC QTZ VEINS PARALLEL TO CORE

MAG, Py, Zn, Cp.

DISSEM. FINE MAG.

DISSEM MAG.

DISSEM. Py.

DISSEM Py, QTZ. STRINGERS

BARREN WHITE QTZ.

TRACES Py

RECOVERY

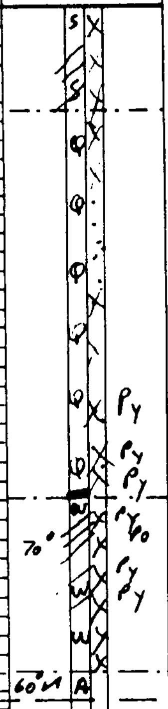
Run	%
	99%
42.07	
	99%
45.12	
	99%
48.17	
	99%
51.22	
	99%

ANALYTICAL

Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM
1734	41.2-42.0	0.8	0.41	10.9	131/642	35/2
1735	42.0-42.7	0.7	0.50	30.8	318/126	30/2
1736	42.7-44.2	1.5	0.17	7.9	242/303	75/4
1737	44.2-44.7	0.5	4.70	116.7	1670/632	85/2
1738	44.7-46.2	1.5	0.03	0.4	88/51	15/45
1739	46.2-47.4	1.2	0.02	0.1	73/105	15/275
1740	47.4-48.2	0.8	0.01	0.1	121/60	20/39
1741	50.2-51.7	1.5	0.02	0.1	80/74	15/3
1742	51.7-53.2	1.5	0.01	0.1	36/303	15/255

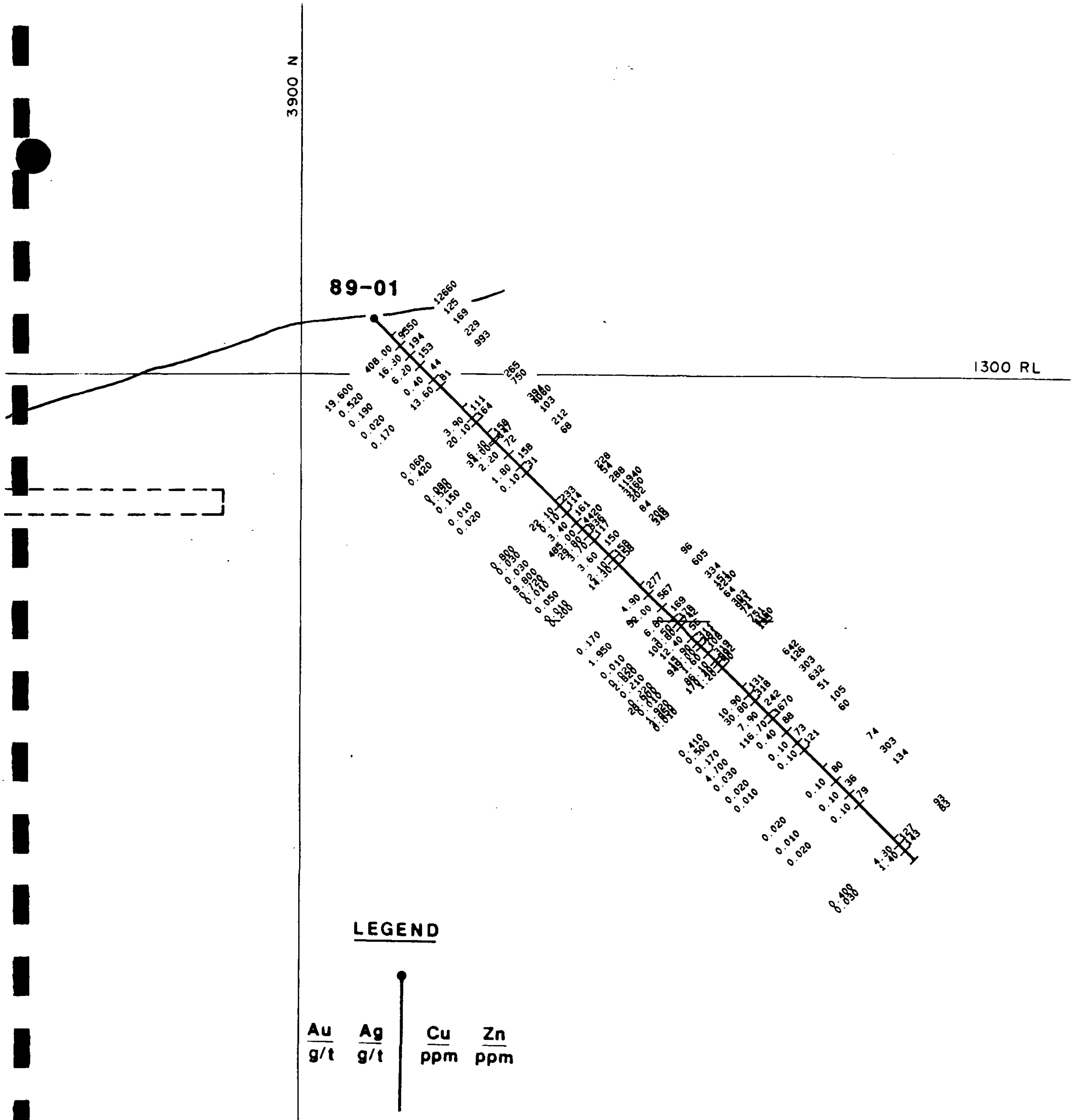
BOX

DDH: 88-1



LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
	53				1743	53.2-54.3	1.1	0.02	0.1	71/134	10/140	
		TRACAS QTZ.										
				99%								
	54											
54.1-58.2 QUARTZITE			54.3									
IMPURE SILICIFIED QUARTZITE												
WITH MINOR SERICITIC	55											
SECTIONS, TRACES DISSEM												
PY				99%								
	56											
	57											
		TRACES DISSEM PY	57.82									
		WEAK FINE BIOTITE ALT.										
	58											
58.2-60.0 GREYWACKE					1744	581-58.7	0.6	0.40	4.3	127/93	15/4	
BROWN BIOTITIC QUARTZ RICH		TRACES Po, Py IN										
GREYWACKE. TRACES PY IN	59	SMALL QTZ. STRINGERS		99%	1745	58.7-59.4	0.7	0.03	1.4	143/83	20/50	
QTZ. VEINS - CHLORITE SALVAGES												
60.0-60.37 ARGILLITE	60	DISSEM. PYRRHOTITE	60.37									
60.37 EOH												

DDH: 89-1



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4020 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 5

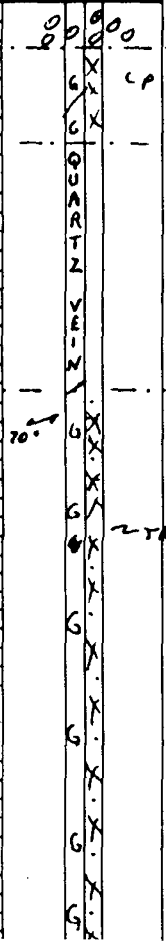
Property	DEER HORN MINE
Location	LINDQUIST LAKE
	GRID - 2054.6N, 4969.8E
Coord. - Collar N	3905.76
E	4011.57
Elev. - Collar	1304.36
Date Started	14 AUG 89
Date Completed	15 AUG 89
Hole No.	89-2
Bearing at collar	NORTH
Inclination at collar	-55°
Length	60.37 m
Core Size	BQ THINWALL
Logged By	P.F

LEGEND

QUARTZ VEIN	◩	SKARN	S
GRANODIORITE	G	ARGILLITE	A
QUARTZITE	Q	SILICIFICATION	X
GREYWACKE	W	SERICITIZATION	⁚

SURVEY

Depth	Bearing	Inclination



LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
0-1.52 CASING	1							G/tonne	G/tonne	PPM	PPM	
			1.52									
1.52-2.47 HIGHLY FOLIATE, GREY	2	MINOR Cp, TRACES			1746	1.52-2.47	0.95	0.18	6.7	832/290	47/3	
ALTERED GRANODIORITE 30% RECOVERY		QTZ.										
				76%	1747	2.47-3.2	0.73	3.79	110.0	3440/720	144/2	
2.47-5.14 QUARTZ VEIN WITH	3											
MAGNETITE CONCENTRATED AT THE		MAGNETITE, Cp, Zn, Pb.			1748	3.2-4.27	1.07	9.82	272.0	5520/3140	3550/5	
TOP. CHALCOPYRITE, GALENA, SPHALERITE		COARSE GRAINED Cp										
	4	AND MAG., FINE GRAINED			1749	4.27-5.14	0.87	0.79	20.3	302/201	40/1	
		Zn, Pb	4.27									
	5											
					1750	5.14-6.2	1.06	0.17	4.5	125/126	11[illegible]/4	
5.14 - 18.4 GRANODIORITE				98%								
SILICIFIED AND SERICITIZED	6											
WEAKLY FOLIATED					1751	6.2-7.1	0.9	0.21	8.3	136/167	44/3	
		TRACES Py, Zn Cp										
	7	PATCHY QUARTZ.										
			7.01									
	8			88%								
			8.84									
	9											
	10			99%								DDH: 89-2

Page 2 of 5

LITHOLOGY, ALTERATION, MISC.	Depth 11	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
									G/T	G/T	PPM	PPM	DDH: 89-2
		Py	TRACES Py, PATCHY			1752	11.7-12.5	0.8	0.05	2.0	89/67	21/2	
HARD, ALTERED GRANODIORITE	12	Py	QUARTZ.	11.9									
						1753	12.5-12.8	0.3	14.52	435.0	2820/340	146/2	
		70° 16cm	QTZ VEIN TRACE Cp										
	13	Po	PATCH OF Cp - Po		99%	1754	12.8-13.9	1.1	0.32	13.4	232/860	8/2	
		QTZ. Cp	TRACES Zn, Py										
		STR. Zn											
	14					1755	13.9-14.5	0.6	0.43	11.2	122/214	7/2	
		8cm	BARREN QTZ.										
		55°				1756	14.5-14.9	0.4	40.80	1050.0	1360/22500	86/2	
SMALL IRREGULAR HIGH GRADE VEIN	15	60° 20cm	Zn, Py, Cp IN CHLORITIC QTZ.	14.94									
		13cm	WHITE QTZ. TRACES Py			1757	14.9-15.9	1.0	1.20	36.5	154/600	14/2	
		30cm	Zn.										
	16	35° Py Zn Cp Pb	SMALL PATCH SULFIDES			1758	15.9-17.0	1.1	5.71	112.0	769/1560	18/3	
					98%								
	17												
PATCHY CHLORITE IN QTZ.		35° MAG Po Py Cp	TRACES MINERALIZATION			1759	17.0-18.5	1.5	0.61	8.0	312/143	15/3	
VEINS INTENSE SILICIFICATION													
	18	MAG.	MAGNETITE ON VEIN WALLS.	17.99									
		MAG	CHLORITE										
18.4-18.8 HIGHLY SILICIFIED						1760	18.5-19.0	0.5	4.12	120.0	1372/750	23/2	
CATACLASITE, POSSIBLY COARSE ARKOSE													
OR ALTERED GRANODIORITE.	19	28cm	Cp, WEAKLY MIN. QTZ										
		55°				1761	19.0-20.0	1.0	0.18	4.0	102/172	10/3	
18.8 - 24.8 QUARTZITE.			BARREN QTZ.		99%								
COARSE QUARTZITE WITH	20	10cm											
MINOR COARSE ARKOSE.		45° Cp Py				1762	20.0-21.5	1.5	3.01	62.0	1176/273	20/4	
QUARTZ GRAIN SIZE 1-2mm		ARK											
15% SERICITE MATRIX, FOLIATED	21	15cm	BARREN QTZ.										
PARALLEL TO MAIN VEIN SET.		55°		21.04		1763	21.5-22.6	1.1	2.18	63.0	4300/980	23/4	
		60° 30cm	SPLASH OF Cp, Po, Py, Zn										
	22		AT BOTTOM OF VEIN.										
		70				1764	22.6-23.3	0.7	16.15	369.0	7130/880	56/3	
		70° 90° 12cm	Cp, Po, Py		99%								
	23	53° 20cm	GOOD Cp, Po, Py, Zn										
						1765	23.3-24.8	1.5	0.61	14.5	331/367	12/5	
	24	10cm											
		50 Po Cp		24.09									
24.8 - 25.7 FOLIATED GREEN-BROWN		Py				1766	24.8-25.3	0.5	0.20	4.0	260/171	19/16	
			Py										

LITHOLOGY, ALTERATION, MISC.

25.7 - 41.6 QUARTZITE
FOLIATED IMPURE QUARTZITE
GENERAL DECREASE IN GRAIN
SIZE DOWNWARD. WEAKLY
FOLIATED WITH A SERICITIC MATRIX.

TRACES FINE BIOTITE ALT.

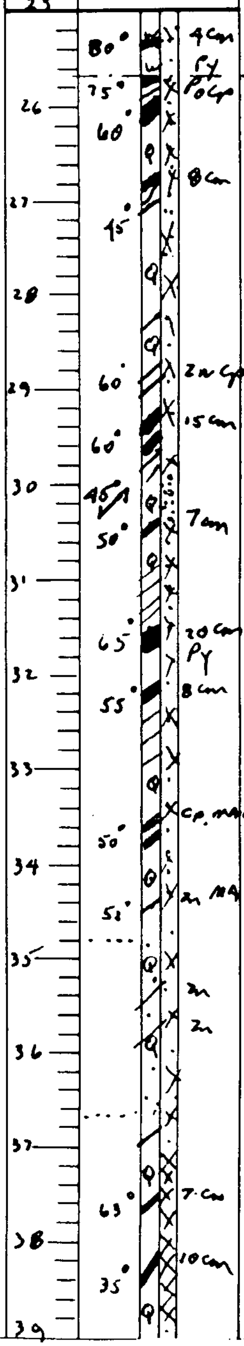
TRACES FINE BIOTITE ALT.
INCREASED SERICITE.

TRACES BIOTITE ALT.

34.8 - 36.7 SPOTTED QUARTZITE.
IMPURE QUARTZITE, GREYWACKE.
WEAK DISSEM. PY.

37.2 - 38.2 HARD LIGHT
GREENISH ALT. TRACES
DISSEM PY

Depth / GRAPHIC LOG



MINERALIZATION

PY IN VEIN AND
DISSEM.

TRACES ZN.
CHLORITIC QTZ. VEIN.

SMALL QTZ. STRINGERS

WEAKLY MIN. QTZ.

BARREN QTZ STRINGERS

TRACES MAG.

WEAK QTZ. STRINGER ZONE
TRACES Zn, Py

COARSE PY IN QTZ.

TRACES Cp, Py

RECOVERY

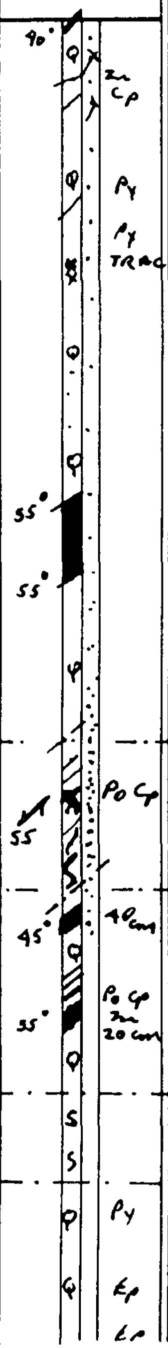
Run	%
	99%
27.13	
	99%
30.18	
	99%
33.23	
	99%
36.28	
	98%
39.02	

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
1767	25.3-26.1	0.8	3.74	68.2	627/1260	19/16
1768	26.1-27.3	1.2	0.45	12.4	293/650	25/12
1769	28.8-30.0	1.2	0.59	20.1	176/940	22/5
1770	30.0-30.8	0.8	0.58	22.2	235/1480	305/4
1771	30.8-32.2	1.4	0.31	9.0	303/280	20/3
1772	32.2-33.5	1.3	0.22	4.3	129/192	12/8
1773	33.5-34.5	1.0	3.33	54.1	1110/1380	18/47
1774	34.5-35.8	1.3	0.77	26.0	183/250	25/9
1775	35.8-36.9	1.1	7.10	289.0	298/160	85/42
1776	36.9-38.3	1.4	2.85	154.0	718/1230	780/4
1777	38.3-39.8	1.5	0.71	22.4	300/174	26/3

BOX

DDH: 89-2

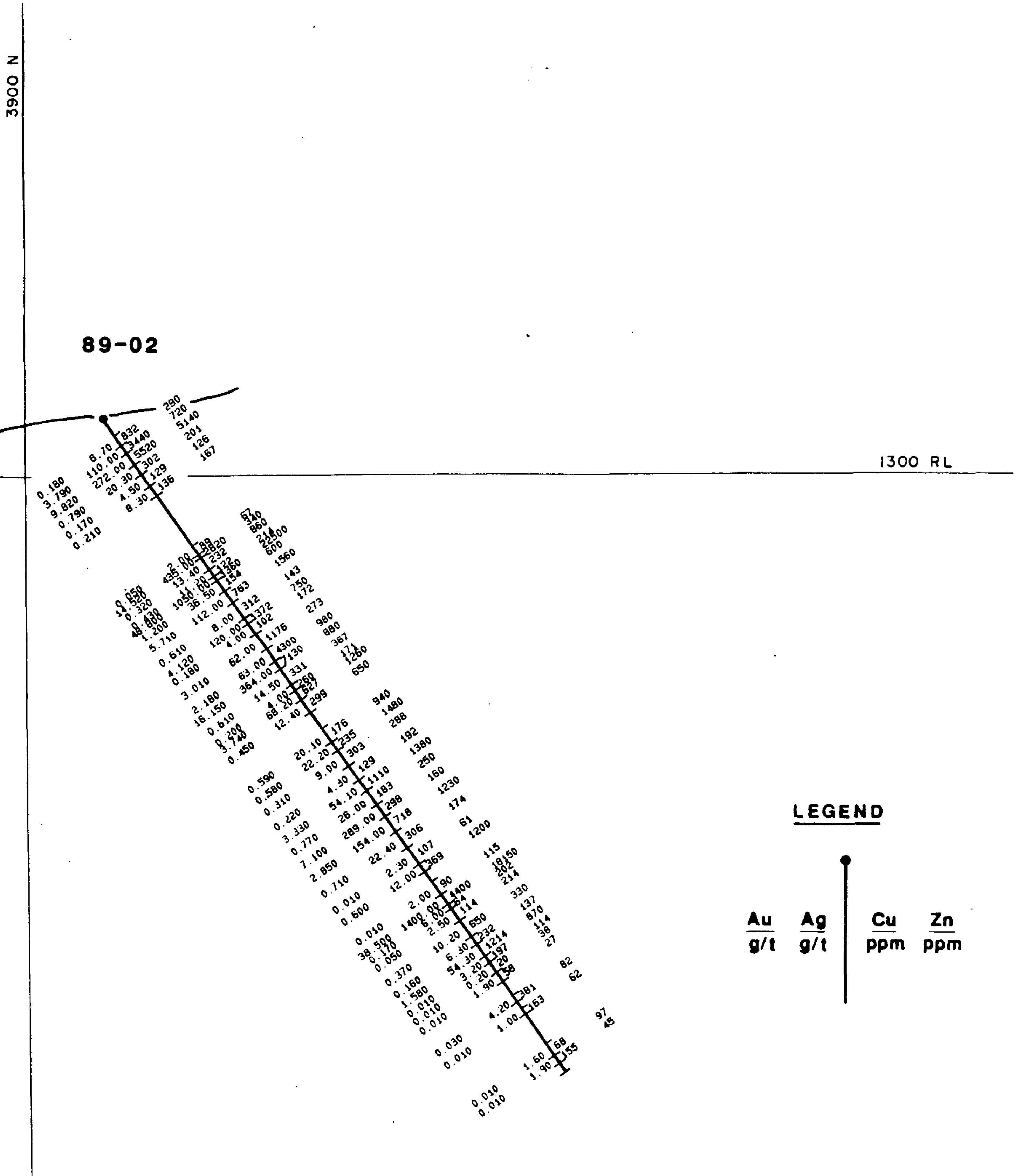


LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
	39	90°		39.02					G/t	G/T	PPM	PPM	
		Zn Cp	TRACES Zn, Cp IN			1778	39.8-41.3	1.5	0.01	2.3	107/61	12/6	
	40		SMALL STRINGERS.										
DECREASING SILICIFICATION.													
					99%								
	41	Py	TRACES Po Cp. WEAK										
		Py	DISSEM PY			1779	41.3-42.0	0.7	0.60	12.0	369/1200	15/5	
		TRACES Cp, Zn.											
	42			42.07									
	43		TRACES DISSEM Po			1780	42.9-44.1	1.2	0.01	2.0	90/115	19/4	
					99%								
44.14 - 44.9 WELL MINERALIZED	44	55°	WEAKLY BANDED COARSE			1781	44.1-45.0	0.9	38.50	1900.0	4400/18150	9300/12	
QTZ. VEIN WITH WEAKLY			PYRITE, Zn, Cp. FINER										
SHEARED WALLS. NO APPARENT			GRAINED Pb, Po										
WALL ROCK ALT.	45	55°	ABOUT 8% SULFIDES.										
				45.43		1782	45.0-45.4	0.4	0.17	6.0	64/202	129/4	
	46					1783	45.4-46.5	1.1	0.05	2.5	114/219	86/650	
46.6 - 48.2 FOLIATED SERICITIC					99%								
ZONE. SHEAR ZONE. DISSEM.	47					1784	46.5-48.0	1.5	0.37	10.2	650/930	73/7	
Po AND QTZ. STRINGERS.		Po Cp	IRREGULAR STRINGERS										
GRADUALLY ALTERED QUARTZITE		55	IN SERICITIC ZONE										
	48		WEAK COARSE Po, Cp.										
48.2 - 50.4 QUARTZITE, FOLIATED,						1785	48.0-48.7	0.7	0.16	6.3	232/137	50/60	
IMPURE, GREY.		45° 40cm	TRACES Py, Pb, Cp	48.40									
	49					1786	48.7-49.8	1.1	1.58	54.3	1214/870	195/28	
		Po Cp	WEAKLY MINERALIZED										
		35° Zn 20cm	QTZ. STRINGERS.										
	50				99%	1787	49.8-50.4	0.6	0.01	3.2	197/114	27/4	
50.4 - 51.3 SKARN. EPIDOTE, WEAKLY						1788	50.4-51.3	0.9	0.01	0.2	20/38	7/2	
PYRITIZED. A FEW QTZ. STRINGERS	51												
AND CALCITE FILLED FRACTURES													DDH: 89-2
		Py	TRACES DISSEM Py	51.51		1789	51.3-52.1	0.8	0.01	1.9	58/27	7/2	
51.3 - 51.8 IMPURE PEBBLY													
QUARTZITE.	52												
		Ep	PATCHY EPIDOTE.										
	53	Ep											

Page 5 of 5

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
	53								G/T	G/T	PPM	PPM	
BEDDING 45°		45° Q Py dissem.											
		55° 25 cm				1790	53.4-54.0	0.6	0.03	4.2	381/82	22/3	
WEAKLY FRACT. ZONE	54		QTZ - EPIDOTE VEIN,										
			AMPHIBOLE, MAG, Py										
		Py		54.57									
	55	55° Py	QTZ-CALCITE VEINING			1791	54.6-55.1	0.5	0.01	1.0	169/62	14/2	
		Q											
	56				99?								
		Q											
	57												
		Q											
57.8 - 58.7 SKARN	58			57.62	99%.	1792	57.8-58.9	1.1	0.01	1.6	68/97	12/320	
WHITE CALC-SILICATE		S		58.22									
SKARN WITH EPIDOTE		55°	WHITE QTZ.										
	59	50° Py	Py ON FOLIATION			1793	58.9-59.6	0.7	0.01	1.9	155/45	15/14	
58.7 - 60.37 QUARTZITE		50% Q Py	OR BEDDING PLANES		99%.								
	60	Q											
				60.37									
		60.37 EOH											

DDH: 89-2



TECK EXPLORATIONS LIMITEI

LINDQUIST LAKE PROPERTY

SECTION 4020 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 6

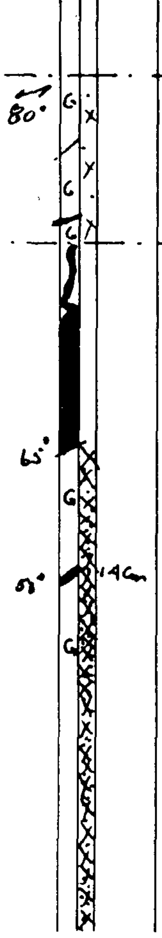
Property DEER HORN MINE
Location LINDQUIST LAKE
GRID 2054.6N 4969.8E
Coord.– Collar N 3905.76
E 4011.57
Elev.– Collar 1304.36
Date Started 15 AUG. 89
Date Completed 17 AUG. 89
Hole No. 89-3
Bearing at collar NORTH
Inclination at collar -67°
Length 88.09 m
Core Size BQ THINWALL
Logged By C.F

LEGEND

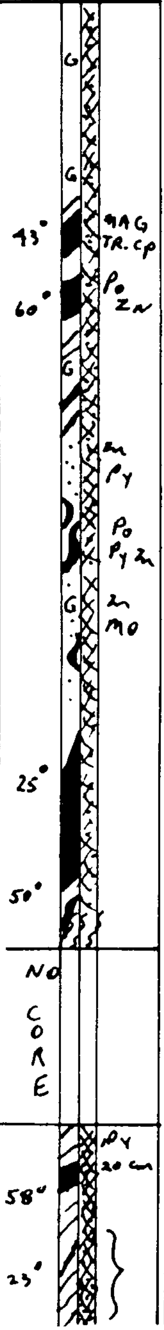
QUARTZ VEIN	▨	SKARN	S
GRANODIORITE	G	ARGILLITE	A
QUARTZITE	Q	SILICIFICATION	☒
GREYWACKE	W	SERICITIZATION	⁘

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
0- 1.83 OVERBURDEN	1								G/T	G/T	PPM	PPM	
				1.83		1794	1.83-3.6	1.77	0.21	10.4	727/660	225/190	
1.83-3.6 HIGHLY FOLIATED, ALTERED GRANODIORITE. A FEW QTZ. VEINLETS.	2		DISSEM MAG. TRACES Cp		66%								
	3												
				3.66		1795	3.6-4.3	0.7	6.90	138.0	915/384	75/42	
3.6-4.3 QUARTZ VEIN PARALLEL TO CORE. 2cm	4		TRACES Py, Zn										
			1-2% SULFIDES. MAG, Cp, Zn, Py		89%	1796	4.3-5.8	1.5	3.34	100.0	1760/1550	88/6	
4.3-5.8 QUARTZ VEIN	5												
				5.79		1797	5.8-7.8	2.0	0.04	2.2	67/87	50/3	
5.8-21.03 HIGHLY ALTERED GRANODIORITE, SILICIFICATION, SERICITE ALT, BLEACHING. ORIGINAL TEXTURE ALMOST COMPLETELY DESTROYED. A FEW TRACES OF BIOTITE	6												
	7		BARREN QTZ.		89%								
	8												
				8.84									
	9		A FEW BARREN QTZ. VEINLETS		99%								DDH: 89-3
	10												

Page 2 of 6



LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
	11		Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	
								G/T	G/T	PPM	PPM	
					26500	11.1-12.1	1.0	0.11	4.0	82/294	8/2	
	12		11.89									
					26499	12.1-13.1	1.0	0.03	2.5	31/236	10/2	
HIGHLY ALTERED GRANODIORITE												
	13			99%								
					1798	13.1-14.3	1.2	12.30	230.0	689/2130	44/3	
	14	BAND OF Po, Zn NEAR										
		TOP OF VEIN.			1799	143-15.6	1.3	0.20	8.0	187/428	9/4	
	15		14.94									
		WEAKLY DISSEMINATED										
	16	Zn, Py.			1800	15.6-17.1	1.5	2.01	34.0	346/2050	16/3	
		TRACES Mo		99%								
		IRREGULAR VEIN										
	17	DISSEM Zn										
					1801	17.1-18.8	1.7	0.25	9.7	167/426	28/9	
		TRACES Mo										
	18		17.99									
	19				1802	18.8-20.3	1.5	1.21	30.0	1142/2030	15/38	
		WEAKLY MINERALIZED		99%								
		QTZ. VEIN. CHLORITE,										
	20	Py, Po, Cp, MAG.			1803	20.3-21.0	0.7	0.59	13.6	188/2400	14/46	
FAULT ALMOST // CORE												
	21											
21.03 - 22.83 NO CORE			21.03									
	22											
				91%								
	23				1804	22.83-23.5	0.67	2.16	39.6	455/2090	11/34	
22.83 - 26.6 GRANODIORITE,		CHLORITIC QTZ. VEIN,										
HIGHLY SILICIFIED WITH ABUNDANT		WEAK Zn, Cp MIN.			1805	23.5-25.0	1.5	3.92	99.0	715/1700	26/4	DDH: 89-3
QTZ. VEINLETS SCATTERED	24											
Py, Zn, Cp MINERALIZATION		SCATTERED Py, Zn, Cp	24.08									
		IN QTZ. STRINGERS.										
	25											

LITHOLOGY, ALTERATION, MISC.

26.6 - 27.0 FOLIATED GREENISH ARGILLITE?

27.0 - 27.6 QUARTZ VEIN.

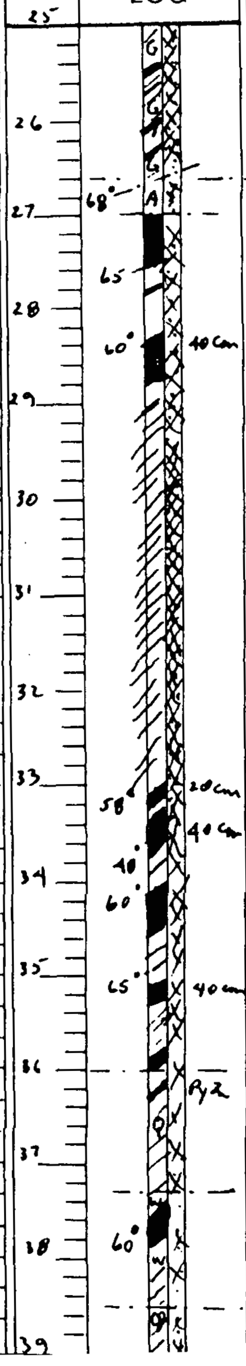
27.6 - 36.0 HIGHLY ALTERED GRANODIORITE ABOUT 50% QTZ VEINS + STRINGERS. INTENSE SILICIFICATION. INTERSTITIAL SERICITE. NO MAFIC MINERALS.

36.0 - 37.3 HIGHLY ALTERED SILICEOUS FOLIATED QUARTZITE

37.3 - 38.5 FOLIATED GREENISH ROCK. GREYWACKE? DYKE?

38.5 - 50.5 QUARTZITE? IMPURE, SPOTTED WITH 5% QTZ GRAINS

Depth / GRAPHIC LOG



MINERALIZATION

WEAKLY MINARALIZED QTZ. STRINGER ZONE.

BARREN WHITE QTZ. VEIN.

CHLORITIC QTZ., PY, CP, ZN, MAG. TRACES.

QUARTZ STRINGER ZONE WITH SCATTERED PY, ZN, CP MINERALIZATION

CP, PY, PO, MAG ≈ .5%

CP, PY MAG, PO ≅ 1%

MINOR PY, ZN IN CHLORITIC QTZ.

WEAK MIN.

QTZ. STRINGERS

5% MAG, CP PY ZN. CHLORITIC QTZ.

STRINGER ZONE.

RECOVERY

Run	%
	99%
27.13	99%
30.18	99%
33.22	95%
36.27	99%

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
1806	25.0-26.6	1.6	1.25	39.6	610/1790	53/4
1807	26.6-26.9	0.3	0.90	27.0	1490/415	22/3
1808	26.9-27.6	0.7	0.18	3.0	171/66	10/3
1809	27.6-28.3	0.7	1.10	30.0	474/1350	34/3
1810	28.3-28.8	0.5	9.10	208.0	1123/1740	1050/2
1811	28.8-30.2	1.4	1.05	27.6	306/830	78/3
1812	30.2-31.7	1.5	1.37	21.6	270/1340	38/3
1813	31.7-33.0	1.3	1.44	39.2	603/1058	82/7
1814	33.0-33.7	0.7	11.50	262.0	5140/12850	47/2
1815	337-34.5	0.8	0.51	14.9	665/673	15/3
1816	34.5-35.1	0.6	0.21	8.1	235/437	12/12.5
1817	35.1-36.0	0.9	0.05	3.7	506/124	10/12
1818	36.0-37.5	1.5	1.01	36.0	364/110	26/4
1819	37.5-38.0	0.5	5.75	160.0	7000/4060	16/2
1820	38.0-39.0	1.0	1.65	34.8	1069/1560	22/2

BOX

DDH: 89-3

LITHOLOGY, ALTERATION, MISC.

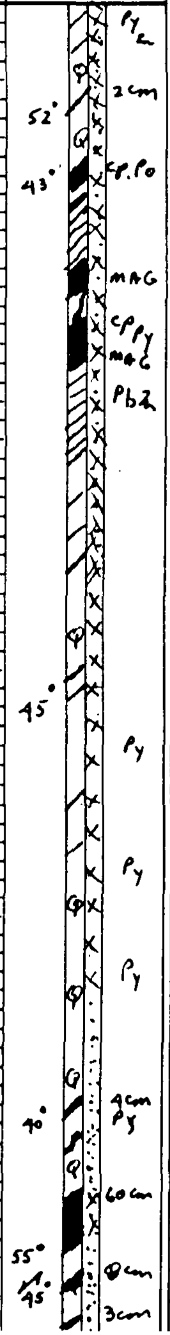
SOME SECTIONS HIGHLY SILICIFIED, OTHERS ARE SERICITIC.

INTENSE, PERVASIVE SILICA ALT BELOW STRINGER ZONE.

49.6 – 53.5 SERICITE ALTERATION SURROUNDS CONTACT VEIN.

Depth 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

GRAPHIC LOG



MINERALIZATION

Py

CHLORITIC QTZ
Cp, Po

QTZ. VEIN ZONE
SCATTERED
MINERALIZATION.

WEAK, SCATTERED
QTZ. VEINLETS.
WITH MINOR SULFIDES

WEAK DISSEM Py

"CONTACT VEIN" WELL
MIN. WITH Po, Cp, Zn, Py
WEAKLY BANDED SHEARED
SERICITIC WALLS

RECOVERY		ANALYTICAL						
Run	%	Sample	Interval to	width	Au	Ag	Cu / Zn	Pb / W
39.32		1821	39.0-40.7	1.7	2.07	62.0	334 / 601	26 / 850
		1822	40.7-41.7	1.0	0.25	6.8	189 / 330	11 / 17
	99%							
		1823	41.7-43.0	1.3	3.49	90.2	3300 / 2860	32 / 4
42.37								
		1824	43.0-43.7	0.7	1.04	26.3	415 / 979	86 / 3
	99%	1825	43.7-45.0	1.3	0.82	38.1	609 / 604	36 / 2
45.42		1826	45.0-46.5	1.5	0.21	7.0	194 / 239	10 / 23
		1827	46.5-48.0	1.5	0.19	10.0	366 / 176	14 / 2
	99%							
		1828	48.0-49.5	1.5	0.09	8.1	253 / 458	14 / 143
48.46								
		1829	49.5-51.0	1.5	2.06	64.0	365 / 438	17 / 4
	99%							
		1830	51.0-51.5	0.5	0.57	30.0	437 / 285	53 / 2
51.51		1831	51.5-52.1	0.6	14.25	552.0	2220 / 8170	75 / 2
		1832	52.1-52.8	0.7	1.74	88.0	873 / 1135	39 / 85

BOX

DDH: 89-3

LITHOLOGY, ALTERATION, MISC.

SPOTTED, PEBBLY QUARTZITE OR GREYWACKE.

INCREASED SILICA ALT. DOWNWARD.

58.5 - 60.2 GREEN-BROWN GREYWACKE WEAKLY FOLIATED AND BEDDED

60.2 - 61.8 IMPURE QUARTZITE, SPOTTED,

61.8 - 65.0 GRAYWACKE, MIXED WITH EPIDOTE SKARN.

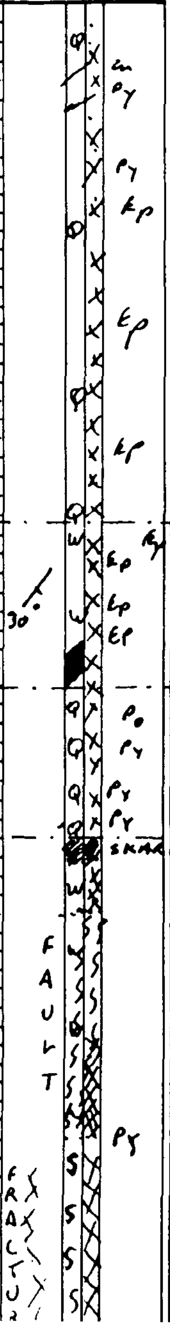
62.6 - 65.0 FAULT ZONE ALMOST // CORE. SOME GREY QTZ. AND GRAPHITE BRECCIA MATRIX.

65.0 - 71.7 PREDOMINANTLY EPIDOTE SKARN WELL FRACTURED. PROBABLY ALTERED GREYWACKE, SPOTTED CLASTIC ROCK. INTENSELY ALTERED.

Depth

53
54
55
56
57
58
59
60
61
62
63
64
65
66

GRAPHIC LOG



MINERALIZATION

WEAKLY DISSEMINATED PY TRACES BIOTITE ALT.

PATCHY EPIDOTE, WHITE CALC-SILICATE?

12 cm TRUE WIDTH, QTZ. VEIN. Zn, Pb, Cp, Py

WEAK Po, Py MIN.

DISSEM PY IN SILICEOUS ZONE

EPIDOTE SKARN

TRACES PYRRHOTITE

EPIDOTE SKARN
A FEW TRACES QTZ.
MAGNETITE, PYRITE.

RECOVERY

Run	%
	98%
54.56	
	99%
57.61	
	99%
60.66	
	98%
63.70	
	98%
66.75	

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
1833	52.8-54.2	1.4	0.03	2.1	78/1285	280/5
1834	58.5-59.8	1.3	0.02	0.7	134/114	44/24
1835	59.8-60.1	0.3	5.36	23.10	826/10850	8400/6
1836	60.1-61.3	1.2	0.01	2.1	274/749	169/3
1837	61.3-62.1	0.8	0.01	0.2	63/102	15/2
1838	62.1-63.6	1.5	0.01	0.2	39/74	25/10
1839	63.6-65.0	1.4	0.02	0.2	35/76	15/2
1840	65.0-66.0	1.0	0.01	0.3	69/84	10/2

BOX

DDH: 89-3

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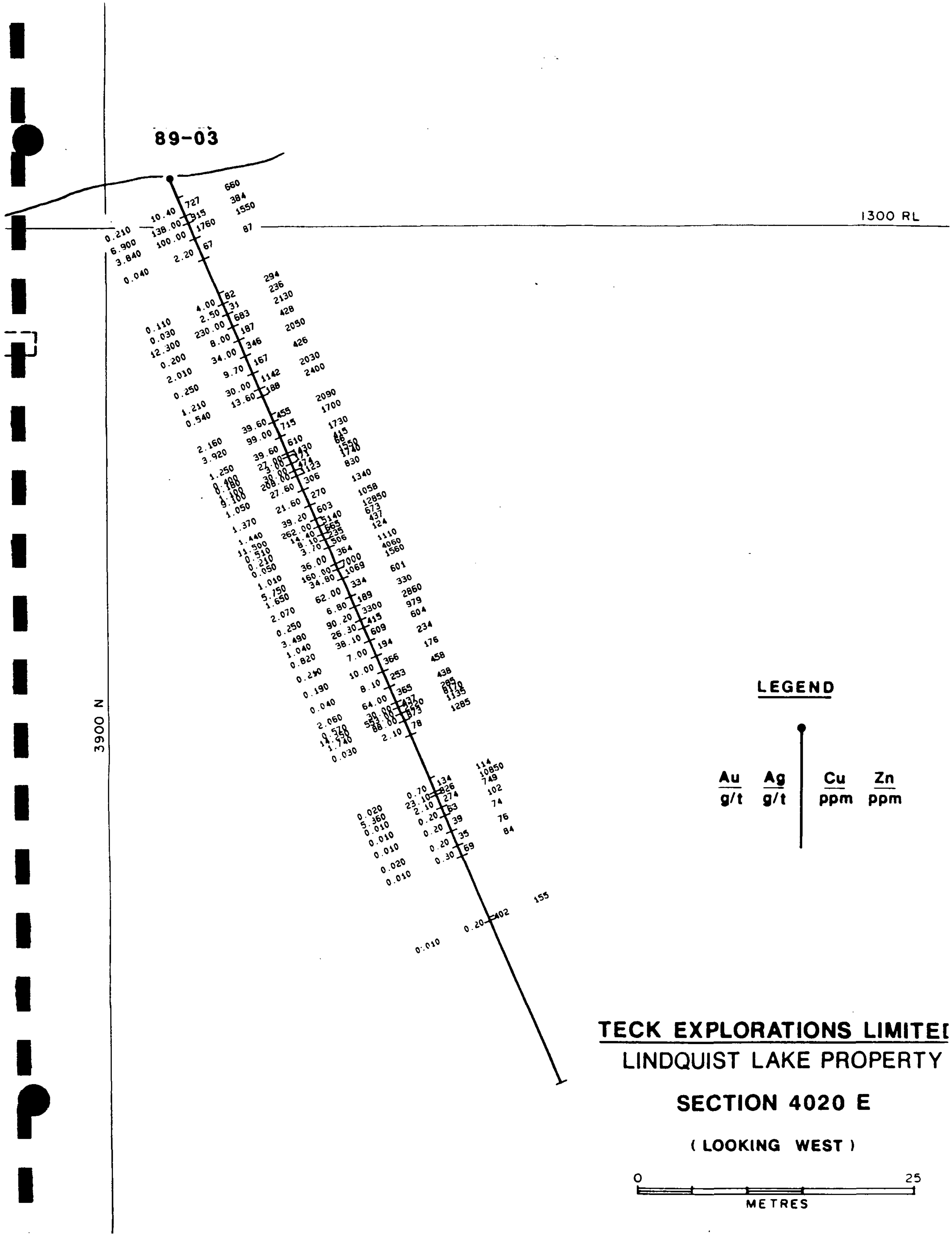
LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
	67			Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	
		S X							G/T	G/T	PPM	PPM	
EPIDOTE SKARN AND SILICIFIED	68	S X											
GRAYWACKE, FRACTURED.		F R X			98%								
	69	A C S X											
		T X		69.49									
	70	U R S X											
		E X											
	71	D S X			98%								
71.7 - 84.6 COARSE, IMPURE		S X											
QUARTZITE, TRACES Po, ALTERED	72	Q X											
MAFIC CLASTS ALTERED TO CHLORITE		40° 1cm	QTZ. TRACES Py			1841	72.0-72.3	0.3	0.01	0.02	402/155	34/4	
SILICIFIED, WEAKLY SERICITIZED		Q X		72.85	99%								
	73	X											
		Q X		75.90	99%								
	78	X		78.94									
		Q X			99%								
				81.99									
	83	Q X			99%								
84.6 - 86.4 IMPURE GRAYWACKE -		W Po		85.04									
QUARTZITE. 5% SMALL DARK CLASTS	88	A Po			99%								
			88.09 EOH	88.09									
86.4 - 88.09 DARK GREY ARGILLITE													
PYRRHOTITE DISSAMINATIONS													
													DDH: 89-3



TECK EXPLORATIONS LIMITE

LINDQUIST LAKE PROPERTY

SECTION 4020 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 8

LEGEND

QUARTZ VEIN	/	SKARN	S
GRANODIORITE	G	ARGILLITE	A
QUARTZITE	Q	SILICIFICATION	X
GREYWACKE	W	SERICITIZATION	⁘

SURVEY

Depth	Bearing	Inclination
63	354°	-88°
115	02°	-85°

Property DEERHORN MINE

Location LINDQUIST LAKE

GRID 2054.6N 4969.8E

Coord.- Collar N 3905.76

E 4011.57

Elev. - Collar 1304.36

Date Started 17 AUG 89

Date Completed 19 AUG 89

Hole No. 89-4

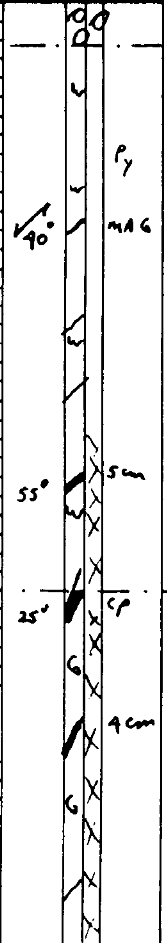
Bearing at collar NORTH

Inclination at collar -85°

Length 115.82 m

Core Size BQ THIN WALL

Logged By P.F



LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM	BOX
0-1.52 OVERBURDEN.												
			1.52									
1.52-7.2 DARK GREY-GREEN	2	MINOR QTZ. VAINING.										
FOLIATED GRAYWACKE?. POSSIBLY DYKE												
OR SILL. BIOTITE ALT, CHLORITE,												
AMPHIBOLE, MAGNETITE.	3			54%								
					1842	3.3-4.5	1.2	0.94	22.0	386/977	98/3	
	4											
			4.57		1843	4.5-6.0	1.5	0.25	5.6	211/209	29/4	
	5											
				25%								
	6	BARREN QTZ.										
			6.10		1844	6.0-7.2	1.2	0.21	8.2	252/252	60/2	
	7											
7.2 - 18.6 SILICIFIED GRANODIORITE					1845	7.2-7.7	0.5	8.74	285.0	2940/6280	6400/3	
		cp, Pb, Zn Py IN		94%								
TRACES CHLORITIC MAFICS, WEAK	8	QTZ. VEIN. @ CONTACT.			1846	7.7-8.7	1.0	0.03	4.0	91/97	56/3	
SERICITE ALT.												
		BARREN QTZ.										
	9		9.14									
	10	BARREN QTZ										DDH: 89-4

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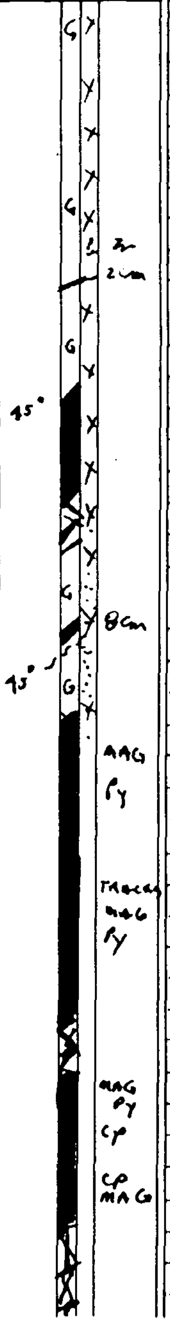

LITHOLOGY, ALTERATION, MISC.	Depth m	MINERALIZATION	RECOVERY Run	RECOVERY %	Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM	BOX
				99%								
	12		12.19									
	13											
		TRACES Zn, Py Py		99%								
	14				1847	13.8-15.2	1.4	0.09	5.6	176/233	31/9	
	15	WHITE-GREEN QTZ WITH FINE CHLORITE, MAGNETITE, Py, Cp, Zn, Pb	15.24		1848	15.2-16.3	1.1	2.10	59.9	2330/694	23/2	
	16			99%	1849	16.3-16.8	0.5	0.40	10.0	200/187	15/3	
	17				1850	16.8-17.7	0.9	0.17	1.9	106/108	12/2	
SMALL FAULT INCREASED SERICITE, DECREASED SILICA ALT.	18	BARREN QTZ.			1851	17.7-18.6	0.9	0.2[illegible]	2.3	299/325	10/2	
			18.29		1852	18.6-19.6	1.0	1.39	34.2	1350/2680	34/3	
18.6 - 24.0 MASSIVE GREEN-WHITE CHLORITIC QTZ. VEIN.	19	VARIOUSLY MINERALIZED WITH MAG, Py, Cp TRACES Zn, Pb			1853	19.6-20.6	1.0	1.12	19.3	439/3000	10/2	
	20			99%								
					1854	20.6-21.6	1.0	0.19	4.0	132/153	8/2	
	21		21.34									
	22				1855	21.6-22.4	0.8	0.19	2.1	94/99	6/2	
				99%								
	23				1856	22.4-24.0	1.6	7.41	138.0	3340/326	19/5	
24.0 - 41.9 GRANODIORITE. SILICIFIED, HARD, COMPETENT.	24		24.38		1857	24.0-25.0	1.0	0.24	2.6	103/253	6/2	DDH: 89-4

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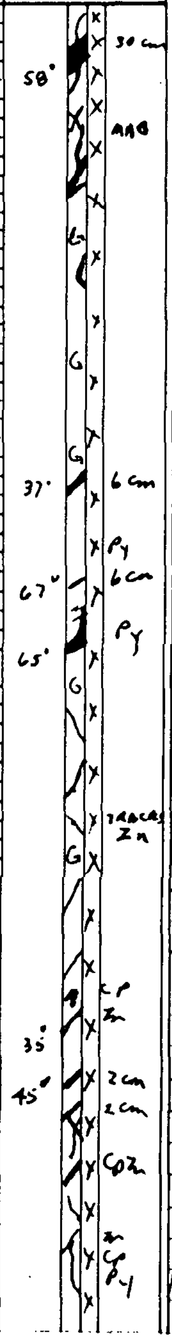

LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	Pb / W	BOX
	25				1858	25.0-26.5	1.5	0.20	4.1	181/310	4/13	
SILICIFIED GRANODIORITE												
	26			99%								
					1859	26.5-28.0	1.5	0.12	3.7	288/121	3/6	
	27											
			27.43									
	28											
	29											
				99%								
	30											
		BARREN QTZ.										
		MINOR DISSEM PY.	30.48									
	31	PY TRACES Mo										
					1860	31.0-32.1	1.1	0.13	3.9	269/377	25/3	
	32			99%.								
		TRACES BARREN QTZ										
	33											
			33.53									
	34											
		WEAK QTZ. STRINGERS										
	35	TRACES Py, Zn		99%								
					1861	35.0-36.0	1.0	0.58	14.0	233/597	3/9	
		PATCHY Cp, Zn, QTZ.										
	36											
		Cp, Py, MAG, Po, Zn			1862	36.0-37.0	1.0	5.40	53.3	501/296	9/2	
			36.58									
	37											
		TRACES MINERALIZATION			1863	37.0-38.0	1.0	0.63	15.7	631/356	4/2	DDH: 89-4
	38			99%								
					1864	38.0-39.0	1.0	1.49	22.0	309/1380	6/2	
	39											

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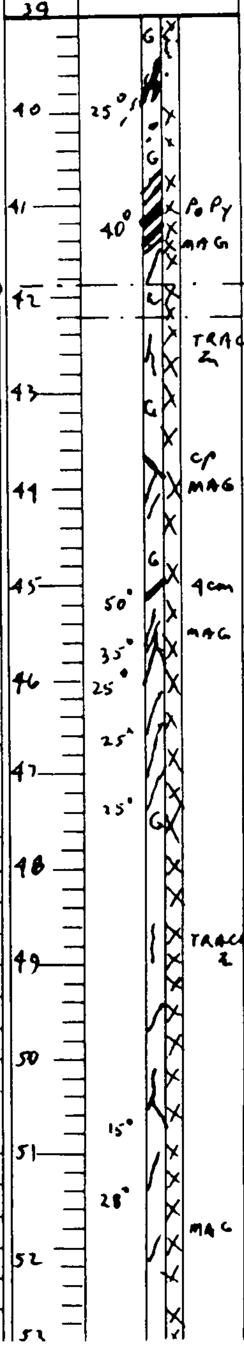
LITHOLOGY, ALTERATION, MISC.

SMALL SERICITIC SHEAR ON VEIN WALL.

41.9 - 42.2 SILICIFIED, MINERALIZED DARK GREY - GREEN ROCK. GREYWACKE?

42.2 - 62.3 SILICIFIED GRANODIORITE

Depth / GRAPHIC LOG



MINERALIZATION

TRACES Py

TRACES Sp, Zn

WEAKLY MINERALIZED DENSE STRINGER ZONE.

BARREN QTZ

TRACES Cp:

BARREN QTZ STRINGERS

TRACES

RECOVERY

Run	%
39.62	
	99%
42.67	
	99%
45.72	
	99%
48.77	
	99%
51.82	

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
1865	39.0-40.0	1.0	0.03	1.3	93/311	19/2
1866	40.0-41.5	1.5	0.81	15.2	253/573	10/2
1867	41.5-41.9	0.4	0.17	1.8	122/213	20/2
1868	41.9-42.3	0.4	0.20	6.2	725/163	10/12
1869	42.3-43.6	1.3	0.20	4.1	138/426	8/2
1870	43.6-44.2	0.6	0.07	1.8	312/52	4/2
1871	44.2-45.7	1.5	0.19	2.7	142/99	8/3
1872	45.7-46.9	1.2	0.21	3.9	169/103	4/2
1873	47.9-50.4	0.5	0.20	2.1	87/47	5/2
1874	50.4-52.0	1.6	0.23	4.3	132/180	10/2

BOX

DDH: 89-4

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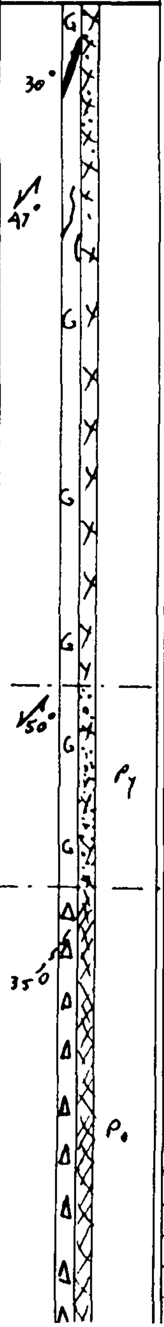

LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	PPM Pb / W	BOX
WEAK SERICITE ALT.	53	10 cm TRUE WIDTH QTZ-MAGNETITE VEIN. 50% MAG. TR. PY		95%	1875	53.4-54.0	0.6	7.87	108.8	290 / 150	23 / 2	
	54				1876	54.0-55.4	1.4	0.20	2.2	115 / 94	7 / 4	
	55	TRACES Zn.	54.86									
	56			99%								
	57											
	58		57.91									
	59			99%								
60.2 - 62.3 SERICITE ALTERED SILICIFIED GRANODIORITE QTZ GRAINS UP TO 3mm DIA IN A SERICITE MATRIX.	60											
	61	A FEW TRACES PY.	60.96									
62.3 - 71.4 BRECCIA INTENSELY SILICIFIED, POORLY SORTED POLYMICTIC BRECCIA. MOST CLASTS ~~ARE~~ SUB ROUND: VARIOUS SEDIMENTS, VEIN QUARTZ AND GRANODIORITE CLASTS OF ALL SIZES. SCATTERED WEAK Zn + Po MINERALIZATION. POSSIBLY EQUIVALENT TO THE PORPHYRITIC CATACLASITE SEEN UNDERGROUND. SLIGHT GREENISH COLOR - CHLORITE ALT.	62	NO QTZ. VEINING, SMALL GRAPHITIC SHEAR		99%								
	63											
	64		64.01									
	65	TRACES DISSEM Po, Cp		99%								
	66											DDH: 89-4
	67											

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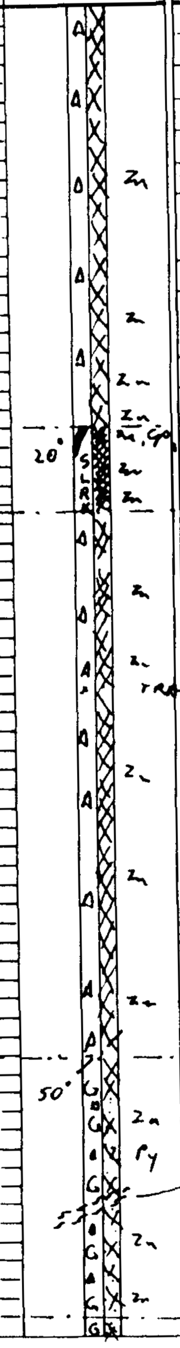
LITHOLOGY, ALTERATION, MISC.
SILICEOUS BRECCIA WITH FINALY DISSAMINATED SPHALERITE, PYRRHOTITE. Py
71.4 - 72.5 LIGHT GREY, FINE GRAINED, HARD SILICEOUS ROCK. ORIGINAL ROCK TOTALY REPLACED BY LIGHT GREY SILICA.
72.5 - 78.1 MEDIUM GRAINED SILICEOUS BRECCIA, POSSIBLY SOME QUARTZITE, MOSTLY GRANODIORITE. COARSEST CLASTS 4 - 5 mm. WEAK CHLORITIC ALT. IN SOME SECTIONS SOME GREY, GRAPHITIC SECTIONS INDICATING SHEARING. SOME SERICITIC SECTIONS. FINALY DISSAMINATED Zn MORE OR LESS THROUGHOUT. TRACES BIOTITE
78.1 - 80.8 GRANODIORITE SILICIFIED BRECCIA DECREASED SILICA ALT, INCREAS IN SERICITE AND CHLORITE
79.6 - 79.7 SERICITE SHEAR ZONE @ 70°

Depth: 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81

GRAPHIC LOG



Depth	MINERALIZATION
69	TRACES Zn.
71.5	Zn, Cp, Po.
71.8	DISSAMINATED Zn
74	TRACE Pb
74.5	DISSAMINATED Zn TRACES Py
78.5	WEAKLY DISSEM Zn MINOR PY
79.5	SERICITE

RECOVERY Run	%
67.06	
	99%
70.10	
	99%
73.15	
	99%
76.20	
	99%
79.25	
	99%

ANALYTICAL

Sample	Interval to	width	Au g/T	As g/T	PPM Cu / Zn	PPM Pb / W
1877	69.1-70.1	1.0	0.02	0.4	43 / 1.22	50 / 2
1878	70.1-71.4	1.3	0.01	1.8	56 / 1450	600 / 2
1879	71.4-71.6	0.2	0.15	15.9	464 / 18750	4390 / 7
1880	71.6-72.5	0.9	0.01	0.4	44 / 1710	450 / 2
1881	72.5-73.5	1.0	0.04	1.3	36 / 1232	450 / 2
1882	73.5-74.5	1.0	0.05	0.2	29 / 709	227 / 2
1883	74.5-75.5	1.0	0.01	0.1	24 / 439	130 / 2
1884	75.5-76.5	1.0	0.02	0.1	22 / 435	95 / 3
1885	76.5-77.5	1.0	0.04	0.1	29 / 456	125 / 2
1886	77.5-78.5	1.0	0.03	0.2	30 / 357	89 / 2
1887	78.5-79.6	1.1	0.05	0.2	54 / 680	96 / 2
1888	79.6-80.8	1.2	0.01	0.2	73 / 203	34 / 2

BOX

DDH: 89-4

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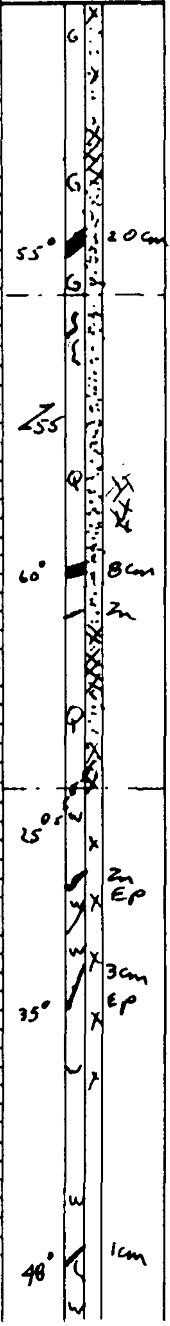
LITHOLOGY, ALTERATION, MISC.	Depth
80.8 - 84.1 GRANODIORITE, WELL SERICITIZED, RESEMBLES COARSE ARKOSE.	81
82.4 - 82.8 SILICIFIED	82
	83
84.1 - 89.3 QUARTZITE? FINE GRAINED HIGHLY SERICITIC AND FOLIATED QUARTZ RICH ROCK. SOME LIGHT GREY FINE GRAINED HARD, SILICEOUS SECTIONS. MINOR CHLORITE ON FOLIATION PLANES + FEW QTZ. VEINLETS.	84
	85
	86
	87
	88
89.3 - GREYWACKE, GREY-GREEN, BROWNISH. IMPURE QUARTZ RICH SEDIMENT. ABOUT 10% SPOTTED QUARTZ CLASTS, USUALLY ABOUT 2MM. DIA. SILICIFIED PATCHY EPIDOTE ALTERATION WITH CHLORITE. SOME OF THE SPOTS APPEAR TO BE GRANITIC CLASTS.	89
	90
	91
	92
	93
	94
	95

GRAPHIC LOG



MINERALIZATION

- GREY QTZ. WEAK Zn, Py A FEW VUGGY SPACES
- FRACTURE ZONE.
- WHITE QTZ.
- BOUDINAGED QTZ - MINOR Zn.
- SMALL CALCITE-PYRITE FILLED FAULT @ CONTACT.
- PATCHY EPIDOTE Zn, Cp.
- QTZ.
- Po, Zn, Cp

RECOVERY Run	%
82.30	
	99%
85.34	
	99%
88.39	
	99%
91.44	
	99%
94.49	

ANALYTICAL Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
1889	82.3-83.3	1.0	0.02	0.1	34/80	7/2
1890	83.3-83.7	0.4	1.59	44.3	430/1580	26/4
1891	83.7-84.1	0.4	0.40	12.5	188/570	25/2
1892	84.1-85.0	0.9	0.61	26.3	352/1063	23/3
1893	86.6-87.7	1.1	0.07	2.6	133/576	225/2
1894	89.1-90.3	1.2	0.82	21.9	250/3,130	125/65
1895	90.3-91.0	0.7	0.07	3.8	266/728	50/3
1896	91.0-91.5	0.5	0.05	4.2	168/284	26/2
1897	94.1-95.1	1.0	0.04	0.4	89/89	10/2

BOX

DDH: 89-4

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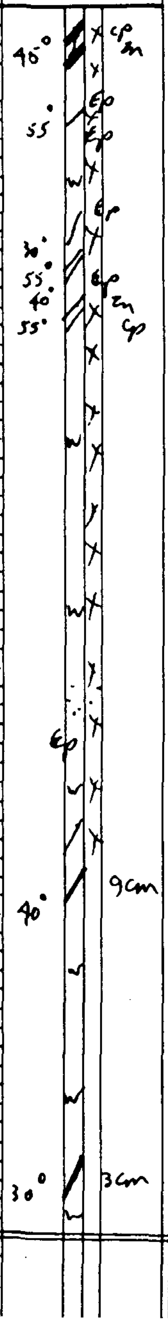
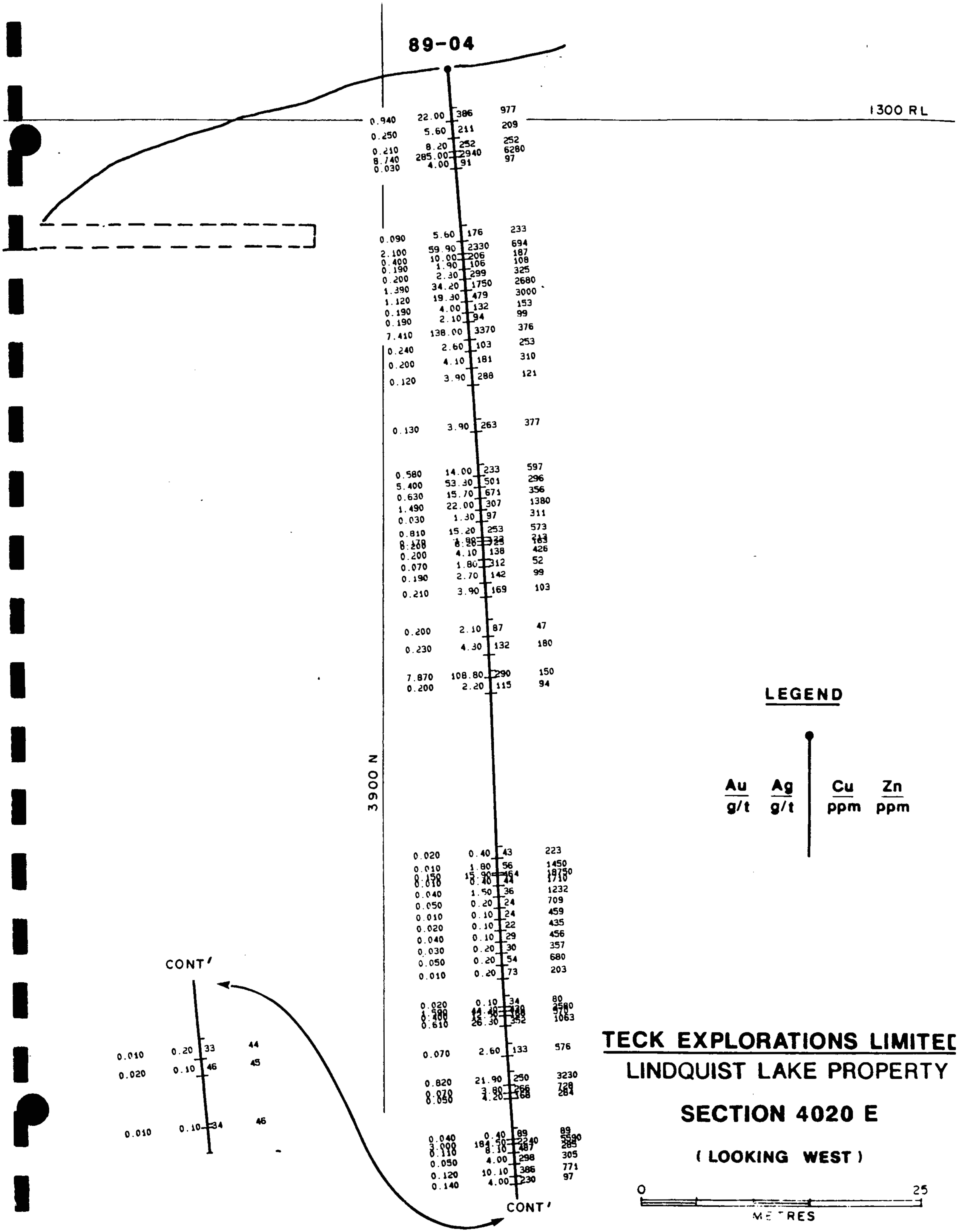
Depth	LITHOLOGY, ALTERATION, MISC.	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W	BOX
95		TWO PARALLEL QTZ. VEINS TRUE WIDTH 20 Cm. TRACES Pb 1% SULFIDES.	94.19		1898	95.1-95.5	0.4	3.00	184.5	2240/5590	145/2	
96	PATCHY EPIDOTE.			99%	1899	95.5-96.3	0.8	0.11	8.1	487/255	30/2	
					1900	96.3-97.3	1.0	0.05	4.0	298/305	16/2	
97		QUARTZ STRINGER ZONE WEAKLY MIN. WITH Zn, Cp, Py	97.54		1901	97.3-98.4	1.1	0.12	10.1	386/771	10/2	
98					1902	98.4-99.1	0.7	0.14	4.0	230/97	11/2	
99				99%								
100			100.28	99%								
102			103.63									
104		DISSEM. MAG. PATCHY EPIDOTE.		99%	1903	105.7-107.5	0.8	0.01	0.2	33/44	7/2	
106			106.68		1904	107.5-109.0	1.5	0.02	0.1	46/45	15/2	
		GREY QTZ.										
108	108.4 – 109.4 GREENISH QUARTZ RICH SILTSTONE WITH QTZ AND FELD CLASTS	GREY QTZ, NO SULFIDES		99%								
110			109.73									
112				99%								
			112.78									
114		GREY QTZ.-CALCITE-FILLED FRACT.		99%	1905	1133-112.6	0.3	0.01	0.1	34/46	9/3	DDH: 89-4
116		115.82 EOH	115.82									





TECK EXPLORATIONS LIMITEC

LINDQUIST LAKE PROPERTY

SECTION 4020 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 5

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2051 N 4970 E
Coord.- Collar N: 3902.53
E: 4011.55
Elev. - Collar: 13
Date Started: AUG 19/89
Date Completed: Aug 21/89
Hole No.: 89-5
Bearing at collar: 180°
Inclination at collar: -65°
Length: 106.4 m
Core Size: BQ thinwall
Logged By: A. J. Pardoe

LEGEND

Quartz	▨		☐
Qtz Diorite	G	Potassic Alt'n	K
Greywacke	W	Silica	▩
Argillite	A	Sericite	⁘

SURVEY

Depth	Bearing	Inclination
106	175°	-67°

LITHOLOGY, ALTERATION, MISC.

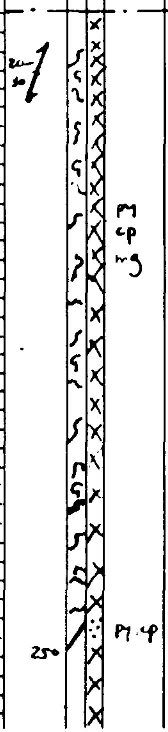
0 - 2.4 : Overburden

2.4- 18.65 Qtz Diorite
(2.4- 14.8) - med → dk grn - grey, w-
chl. , mod. secondary biotite (?).
mod → loc strong silicification
Foliation @ 20 - 30° to C.A. locally
disrupted / obscurred by qtz growth
and/or chl. loc. irregular qtz pods/strs
Upper 8.8 m dominantly broken
w̄ ~ 40% ground core.

3.7 - 8.8 : irregular white qtz strs are
~ 30-40% of core minor rusty
fractures in qtz + ≤ 3% sulfides

9.10 - 9.60 : pale grn-gy, w- sericite
minor strs . 3 cm white q.str
@ 25° to C.A. c̄ tr. py + cp

GRAPHIC LOG



MINERALIZATION

Diss. py < 1% to locally
2%.

Diss py ≤ 1% → locally
2%

3.7 - 8.8 : tr → 2% py, loc
1-2% cp , loc 1 - 5% mg.
→ best mineralization @
5.0 - 5.2.

9.1 - 9.6 : tr py + cp in qtz str
1-2% py in qtz diorite

RECOVERY

Run	%
2.4	
4	75%
5.2	98
5.8	53
8.8	25

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu/Zn (PPM)	Pb/W (PPM)
1906	3.7-4.4	0.7	0.18	6.7	320/125	10/2
1907	4.4-4.9	0.5	0.04	2.3	209/110	11/6
1908	4.9-5.4	0.5	0.04	7.8	720/412	26/14
1909	7.0-8.8	1.8	0.02	14.0	1270/337	110/6
1910	9.1-9.6	0.5	0.15	4.3	184/248	65/28

BOX

DDH: 89-5

LITHOLOGY, ALTERATION, MISC.

Qtz Diorite (cont).

11.3-12.1 : irregular white qtz strs up to 2 cm wide, weakly mineralized. minor qtz flood in diorite.

12.1-12.4 : Q. str. - white + minor translucent gy qtz w ~10% diorite bx. HW ~70°, FW ~40°

12.65-13.25 : qstrs are ~40% of core mod. sericite. Badly broken @ 13.0 → 13.15

13.4-14.0 : mod fractured, mod → strong sericite

14.3-14.85 - intense qstrs @ ~20° to CA. large qstr in bottom 0.15 m.

(14.85-18.6): pale gy, almost all mafics gone. Int. silicification, mod sericite. No discernable foliation

15.95-16.4: mod + loc. badly fractured

17.85 - 10 cm barren qstr @ 50°

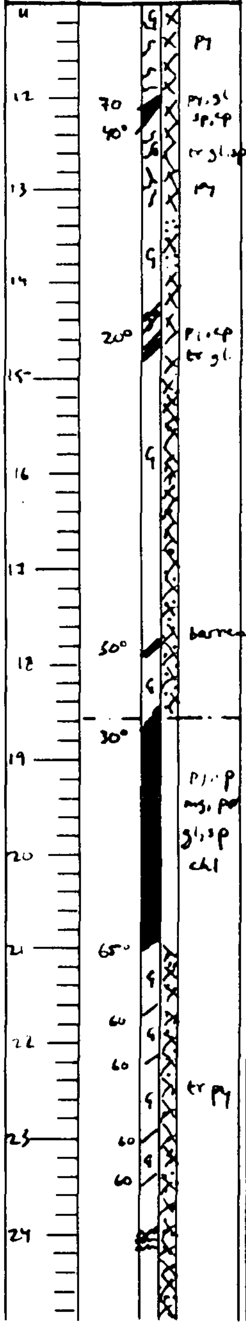
18.2-18.6 - minor qstrs @ low ∠ to CA loc. mineralized.

18.6-21.05 Qtz Vn - translucent white to loc. gy qtz w. chloritic fractures. Patches of massive py, mg, po ± cp ≤ 2 cm dia. Lesser diss sx. HW irregular @ ~30°, FW in slightly crushed rk @ 65. Mod → badly broken in bottom 0.6m.

21.05-35.0 Qtz Diorite - pale gy → off white w scattered dk grn chloritized hbl. Int - si, mod - ser. No discernable foliation. Scattered white qstrs ≤ 4 cm wide + generally @ 60° to CA + occurring ~ 1-3/m. Tr diss py.

(24.0-24.2): Badly broken + loc. crushed rock.

Depth / GRAPHIC LOG



MINERALIZATION

10.6-11.3: 2-3% diss py

11.3-12.1: 2-3% diss py tr. cp + gl+po in qtz.

12.1-12.4: py, gl, sp cp.

12.65-13.25: py, tr gl±sp

14.3-14.85: py, sp, tr gl.

18.2-18.6 - ≤1% py + sp + cp + gl

18.6-21.05: ≤5% sx ≥ py, cp, sp, mg, po, gl. Possibly some telluride in dk gy patches

Diss py ± tr gl in qstrs.

RECOVERY

Run	%
11.9	90
14.9	98
19.0	100
21	100
24.1	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
1911	11.3-12.1	0.8	0.36	12.0	239 / 186	44 / 11
1912	12.1-12.4	0.3	1.34	33.9	767 / 1330	3400 / 2
2033	12.4-12.75	0.35	0.02	2.4	184 / 219	87 / 4
1913	12.75-13.25	0.5	0.56	14.8	397 / 434	145 / 7
2034	13.25-14.3	1.05	0.23	25.2	930 / 1325	93 / 3
1914	14.3-14.85	0.55	6.50	154.0	1070 / 1810	165 / 2
2030	14.85-15.9	1.05	0.01	4.2	126 / 93	29 / 6
1915	18.2-18.6	0.4	0.08	1.7	100 / 209	50 / 3
1916	18.6-19.1	0.5	6.22	81.2	1990 / 928	40 / 3
1917	19.1-19.6	0.5	2.17	80.3	4890 / 592	21 / 6
1918	19.6-20.1	0.5	11.84	273.0	1760 / 7360	1670 / 15
1919	20.1-20.6	0.5	5.69	152.0	4000 / 4650	39 / 2
1920	20.6 → 21.05	0.45	3.53	63.8	1138 / 3760	10 / 2
2071	21.05-22.1	1.05	0.03	6.0	70 / 249	103 / 18
2072	22.1-23.1	1.0	0.02	6.2	43 / 108	36 / 5
2073	23.1-24.1	1.0	0.01	4.1	32 / 95	4 / 4

BOX

DDH: 89-5

LITHOLOGY, ALTERATION, MISC.

Qtz Diorite (cont.)

(25.2 - 27.6) Fractures w̄ minor gouge @ 30-50°

35.0 - 35.7 : Qtz Vn : white qtz w̄ chl strs + blue-grey patches. Essentially 2 strings 22 cm + 42cm wide separated by 6 cm wide band of highly alt'd qtz diorite. Upper, smaller str is strongly mineralized w̄ patches of Sx. HW is sharp on sheared surface @ 60°, FW @ 65°. Lower str has less Sx in smaller patches + is dominantly white qtz. HW sharp @ 80°, FW indistinct in alt'd diorite + qtz strs.

35.7 - 83.2 : Qtz diorite - as previously described above qtz Vn.

(35.7 - 36.1) - intensely alt'd + cut by irregular, barren white qstrs. ~1% diss py

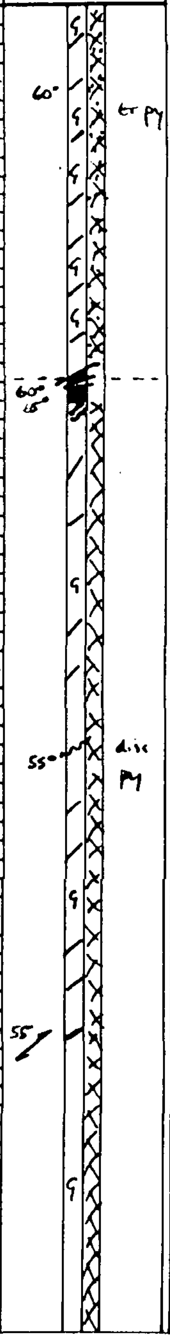
(44.7) Fault - stricks + pebbly gouge contact @ ~55°

(52.4 - 52.6) Qtz str + loc. foliation @ 55°

(56.3 - 59.5) weak potassic alt'n.

Depth 25, 30, 35, 40, 45, 50, 55, 60

GRAPHIC LOG



MINERALIZATION

Chlorite qtz, py, po, cp
bn

RECOVERY

Run	%
27.1	100
30.7	100
33.2	99
36.3	99
39.3	97
40.8	94
42.4	100
45.1	100
47.85	100
48.5	100
51.5	100
54.6	91
57.6	100

ANALYTICAL

Sample	Interval to	width	Au g/T	As g/T	Cu / Zn (PPM)	Pb / W (PPM)
2074	34.0-35.0	1.0	0.19	6.3	94 / 144	5 / 2
1921	35.0 - 35.7	0.7	25.85	536.0	4345 / 4220	71 / 2
1922	35.7 - 36.1	0.4	0.16	1.8	74 / 408	8 / 2

BOX

DDH: 89-5

LITHOLOGY, ALTERATION, MISC.

Qtz Diorite (cont):
- pale gy, low mafic content, i-Si,
m-Ser v. loc qtz strs w indistinct
contacts

(64.5-64.7) Strong shear, sericite + minor
gouge @ 25°

(65.3-65.5) sand + angular qtz frags in
upper 10 cm followed by broken core

(68.8-80.1) slight increase of mafics
becoming stronger downsection. Concurrent
↓ of sericite. Int-Si. Foliation
visible where mafics are strong

(73.6-73.9) - mod crushed + clay alt^d

(76.7) fault shear @ 25°

scale change

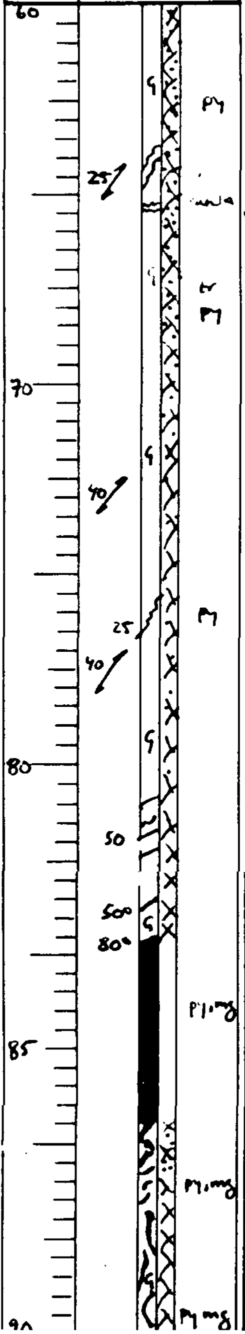
(80.1-83.2) Sericite ↑, Mafic ↓ Texture
increasingly clouded by silica as near the
vein.

83.2-86.3 : Qtz Vn: White qtz w ~5%
qtz dior frags widely dispersed + ±2%
sx in patches leaving sections w
weak to nil mineralization. H.W.
on slicked surface @ 80°. F.W indistinct
in silicified + qtz flooded qtz diorite

86.3-106.4 Qtz Diorite
(86.3-87.25) pale grn-gy, cut by
abundant irregular qtz strs. i-Si, w→
strong ser downsection. Broken + sheared
in lower 0.3 m.

(87.25-90.3) dk grn-gy speckled w
white qtz +/or fldsp. Mod irregular qtz strs
i-Si.

GRAPHIC LOG



MINERALIZATION

qtz frags

tr diss sp + diss py

Patchy sx (±2%): py, mg.
in white qtz w qtz diorite
bx.

Irregular qtz strs w patches
of py, mg

RECOVERY

Run	%
60.6	100
63.7	97
66.75	100
69.8	100
72.8	100
75.9	100
78.9	100
82.0	100
84.7	100
86.3	100
88.1	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
26498	81.7-83.2	1.5	0.02	3.7	73/95	10/6
1923	83.2-83.7	0.5	2.93	48.3	123/66	22/2
1924	83.7-84.2	0.5	0.05	2.1	119/45	3/9
1925	84.2-84.8	0.6	0.04	1.7	32/26	3/3
1926	84.8-85.3	0.5	0.02	2.0	137/40	2/2
1927	85.3-85.8	0.5	0.10	3.9	264/306	5/2
1928	85.8-86.3	0.5	0.12	5.7	195/58	4/2
2035	86.3-87.2	0.9	0.07	0.4	69/65	28/2
1929	87.2-88.2	1.0	0.08	1.8	205/341	23/4
1930	89.6- 90.3	0.7	0.40	10.9	417/1255	14/3

BOX

DDH: 89-5

LITHOLOGY, ALTERATION, MISC.

Qtz Diorite (cont)

(90.3-90.80) Q str: similar to large Q.V. described @ 83.2m, but slightly ↑ sx. H.W irregular @ 45-60°. FW @ 40°

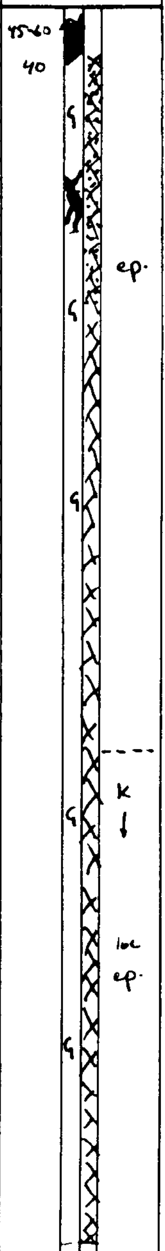
(90.80-93.9) pale gy, almost nil mafics i-Si, i-ser mineralized str @ low angle to C.A @ 92.4-93.1 m

(93.9-106.4) pale grey w̄ good granitic texture + ~15% weakly chloritized hbl/biot(?): i-Si, local w-ser. Weak potassic alt^{n} + propylitic(?) alt^{n} below 99.8 m

E.O.H. 106.4 m.

Depth 90, 95, 100, 105

GRAPHIC LOG



MINERALIZATION

Patchy py + mg ~2-3% sx

~4-6% sx: py, hem, cp, tr gl + sp?

RECOVERY

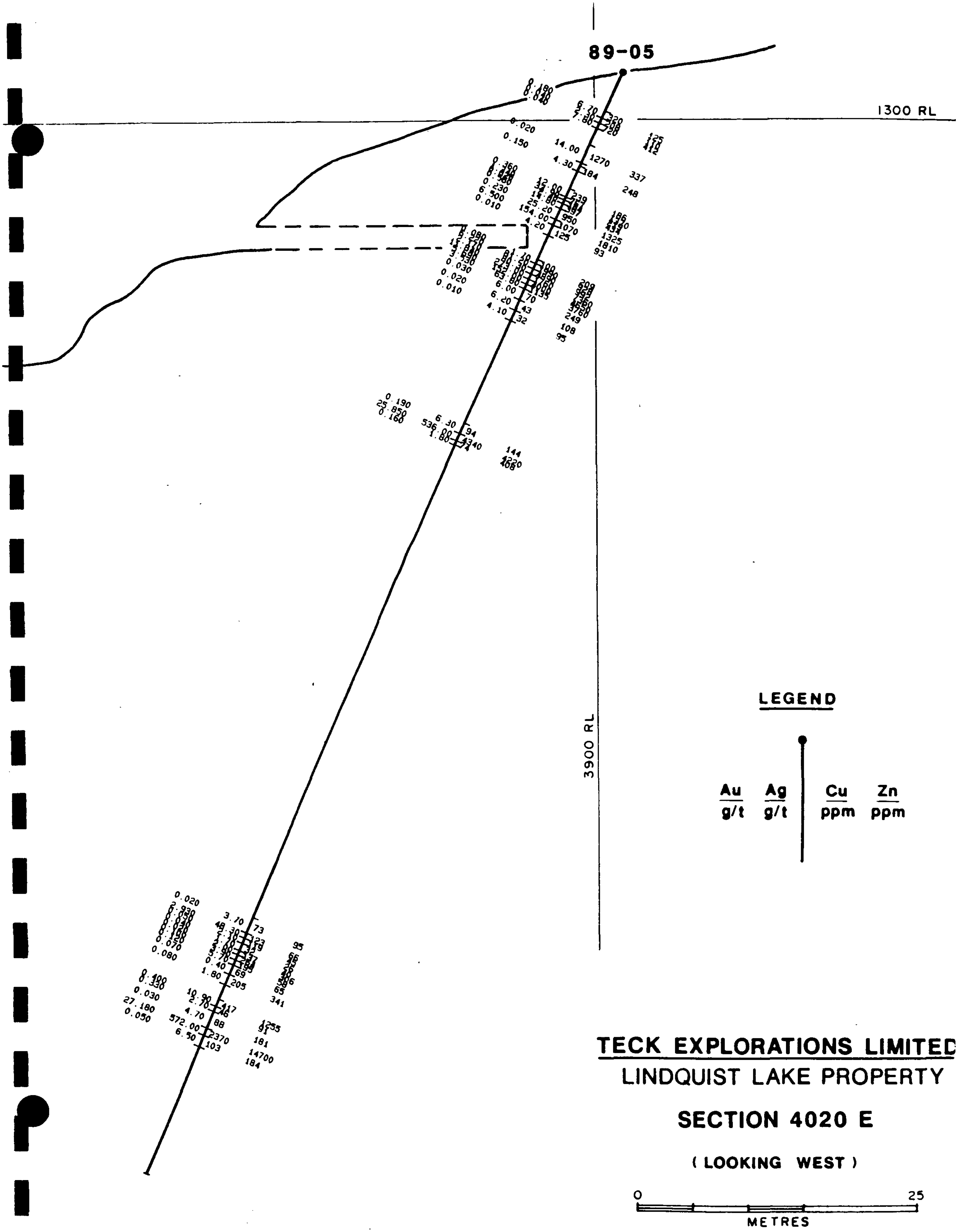
Run	%
90.2	100
91.1	100
91.7	100
94.2	100
97.2	100
100.3	100
103.3	100
106.4	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
1931	90.3-90.8	0.5	0.33	2.7	46 / 91	8 / 45
2075	90.8-92.4	1.6	0.03	4.7	88 / 181	24 / 2
1932	92.4-93.1	0.7	27.18	572.0	2370 / 14700	46 / 2
2076	93.1-94.2	1.1	0.05	6.5	103 / 184	4 / 3

BOX

DDH: 89-5



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4020 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 3

Property Deerhorn
Location LINDQUIST LAKE
GRID 2046N 5035E
Coord.- Collar N 3900.90
E 4068.56
Elev. - Collar 1286.82
Date Started August 21/89
Date Completed August 22/89

Hole No. 89-6
Bearing at collar 360°
Inclination at collar -45°
Length 66.4
Core Size BQ Thinwall
Logged By A.J. Pardoe

LEGEND

Quartz	▨	Argillite	A
Granodiorite	G	Silica	☒
Greywacke	W	Sericite	⁙
Quartzite	Q		☐

SURVEY

Depth	Bearing	Inclination
65	359°	-45°

LITHOLOGY, ALTERATION, MISC.

0- 3.7 : Casing + overburden

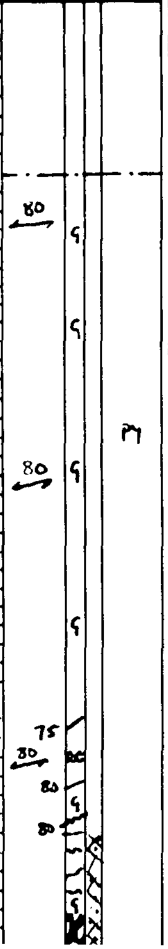
3.7- 21.4 : Granodiorite

(3.7 - 14.4): dk grn gy, speckled w̄ off-white fldsp. Strong foliation @ 80° Local irregular white qtz fracture fillings. Local minor ep. strs + speckles. Trace → 1% diss py

(14.4 -17.7): med dk gy w̄ loc. grn + off-white streaks. Sub-gneissic texture. Weak qtz strs (≤ 8 cm width) @ 75 - 80° Strong foliation (shear) obliterates most granodiorite texture.

(17.7 - 21.4): pale gy / off white to locally med dk gy. Vague speckled texture, locally clear foliated grdr. i-Si, variable sericite Abundant irregular qstrs / q-flood. Local silic. Foliation @ 80° Badly broken

GRAPHIC LOG



MINERALIZATION

Loc. q.strs. 1% sx : py + mg + tr. cp

Qstr / flood w̄ ~ 3-4% sx : py + mg + cp

RECOVERY / ANALYTICAL

Depth	Run	%	Sample	Interval to	width	Au g/T	As g/T	Cu / Zn (PPM)	Pb / W (PPM)	BOX
2										
4										
	5.5									
6										
8	8.5	100								
10										
12	11.6	100								
14	14.6	100								
16										
18	17.7	100	1933	17.7 - 18.5	0.8	0.18	6.1	727 / 136	10 / 2	DDH: 89-6
			1934	18.5 - 19.3	0.8	0.07	3.7	103 / 103	6 / 2	
20			1935	19.3 - 19.9	0.6	0.12	4.0	306 / 143	9 / 2	

Page 2 of 3

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION

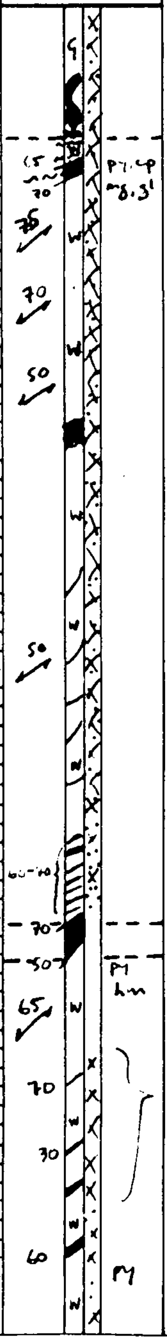
Granodiorite (cont)

21.4 - 29.7 Greywacke
- mud gy → brown-gy, loc. specks of white qtz (≤ 5 mm dia). i-Si, mod → weak sericite. Probable transition zone as small sections look like alt'd grds. Foliation @ 75° changing to 50° downsection. Loc. small dk clasts (< 5mm ungtl) orientated along foliation. Wacke is dominantly f.g. w/ insitu growth (?) of qtz. Upper contact in lightly crushed + w-clay alt'd rk

29.7 - 30.1 : Contact Vn (?) : white qtz + minor gy. Sharp, sheared contacts. ~5% sx dominantly in patches

30.1 - 35.6 : Greywacke
lt → med gy w/ translucent white qtz specks. Variable silicification nil → strong. Loc. chl + sericite

Depth: 20, 22, 24, 26, 28, 30, 32, 34



Q.V. - white translucent gy, tr chl; cp + py patches, tr gl + mg. Sheared contacts + in middle of vn.

White qtz vns/flood w/ ~1% contained pø, py + sp?

Q.V. - py, pø, cp, sp, gl, mg ~5% total sx.

Diss py + hm (sp?). 3 qz vns (≤ 4cm wide) w/ sx: py, pø, cp tr gl + sp.

RECOVERY Run	%
20.7	95
23.8	100
26.8	100
29.9	100
32.9	100

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
2077	19.9 - 20.8	0.9	0.01	4.3	102/136	3/2
2078	20.8 - 21.8	1.0	0.11	8.2	413/126	5/9
1936	21.8 - 22.15	0.35	6.22	85.9	1660/184	25/2
2079	22.15 - 23.3	1.15	0.01	3.4	82/45	4/2
2080	23.3 - 24.45	1.15	0.01	4.0	55/50	2/2
1937	24.45 → 24.75	0.3	76.40	720.0	716/567	58/5
2081	24.75 → 25.9	1.15	4.62	84.2	149/98	14/10
26497	25.9 - 26.9	1.0	0.02	8.0	118/135	23/2
26496	26.9 - 27.9	1.0	0.17	1.5	119/59	10/3
26495	27.9 - 29.0	1.1	0.39	19.6	249/527	20/2
1938	29.0 - 29.6	0.6	2.74	50.0	3110/683	17/3
1939	29.6 - 30.1	0.5	54.65	959.0	3490/12500	95/2
2036	30.1 - 30.8	0.7	0.15	1.4	98/56	19/2
26494	30.8 - 31.6	0.8	0.19	4.0	72/66	12/2
1940	31.6 - 32.6	1.0	1.01	13.6	369/2075	43/3
26493	32.6 - 32.9	1.3	0.03	3.6	142/345	10/2
26492	32.9 - 34.2	1.3	0.04	2.4	137/55	19/3

BOX

DDH: 89-6

Page 3 of 3

LITHOLOGY, ALTERATION, MISC.

Greywacke (cont)

35.6-41.8: Skarn - patches of epidote up to 60% of core, i-Si, irregular qtz/carb strs. Lower 2m are weakly fractured + broken

41.8-61.8 : Greywacke

(41.8-50.6)- Greywacke: lt. grn-gy cut by abundant barren white qtz strs i-Si. Strs are ≈ 40-50% of core

(42.4-42.9) - mod. crushed + broken

(50.6-59.5) Greywacke: lt grn-gy. f.g. w/ qtz specks Abundant. i-Si

Loc. w-qtz strs

(59.5-61.8) Greywacke darkens from lt gy → dk gy/blk downsection grading into argillite. i-Si.

61.8-66.4. Argillite - blk, well indurated

Local beige + v. loc. grn laminae

Bedding @ 80° locally disrupted by minor folds

E.O.H.: 66.4m

Depth

34

39

44

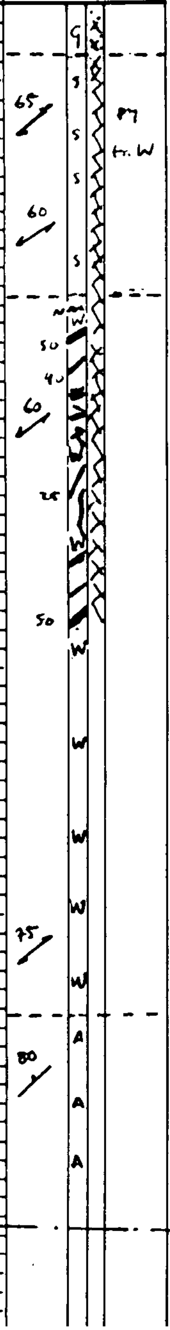
49

54

59

64

GRAPHIC LOG



MINERALIZATION

diss. py, trace W on fractures

Patches of py + mg. assoc. in qtz strs. Loc. cp @ 45.7-45.8 + 43.9-44.7.

RECOVERY

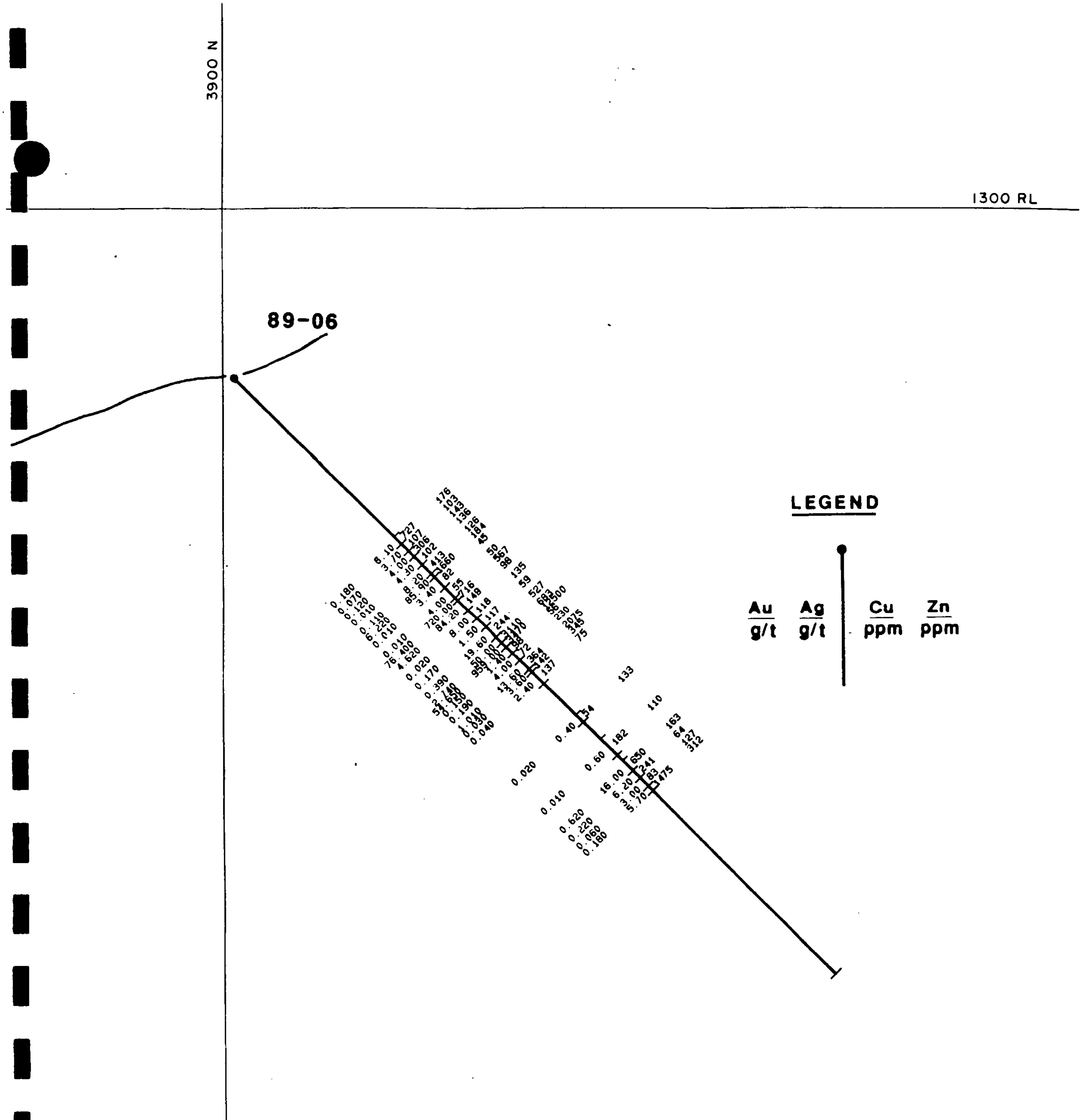
Run	%
36.0	100
39.0	100
41.5	100
43.6	100
45.1	100
48.2	100
51.2	100
54.3	100
57.3	100
60.0	100
60.4	100
63.4	100
66.4	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	Pb/W
26125	37.7-38.5	0.8	0.02	0.4	54/133	23/1200
26126	40.4-42.2	1.8	0.01	0.6	182/110	54/3
2037	42.8-43.7	1.1	0.62	16.0	650/163	25/2
1940	43.7-44.7	0.8	0.22	6.2	241/64	5/2
2038	44.7-45.6	0.9	0.06	3.0	83/27	12/2
1942	45.6-46.1	0.5	0.18	5.7	1475/312	24/2

BOX

DDH: 89-6



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4060 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 2

Property Deerhorn.
Location LINDQUIST LAKE
GRID 2046N 5035E
Coord. – Collar N 3900.90
E 4068.56
Elev. – Collar 1286.82
Date Started Aug 22 /89
Date Completed Aug 23 /89

Hole No. 89-7
Bearing at collar 360°
Inclination at collar -55°
Length 51.8 m.
Core Size BQ Thinwall
Logged By A. J. Pardoe

LEGEND

Quartz	▨	Quartzite	Q
granodiorite	G	Epidote	ep
Greywacke	W	Silica	⊠
Skarn	S	Sericite	⁙

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.

0 - 2.4 Casing

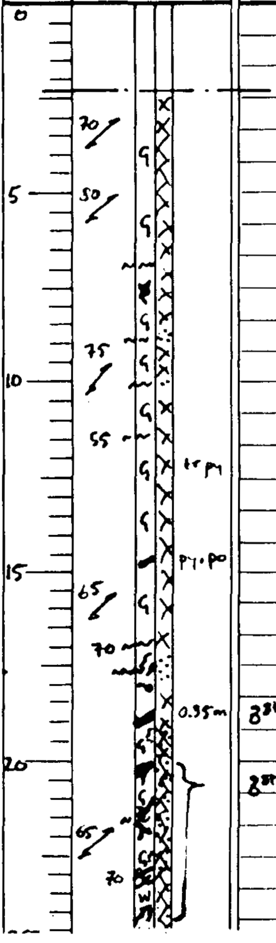
2.4 - 22.6 Granodiorite

(2.4 - 16.65) Granodiorite - dk grn-gy. foliated + silicified. v. loc. weak irregular qtz strs.
[2.4 - 4.5] mod → badly broken.

(16.65 - 19.4) i-foliated granodiorite. Foliations obliterates most of granitic texture. m→i. Si, loc. sericite mar. weakly faulted (crushed zones). Loc. qstrs

19.4 - 24.2 : Transition zone: intense qtz flooding + strs. Foliated rk locally visible. may be grdr or wacke? (or quartzite??). i-sericite above 22.6 (in grdr?) loc. w-m sericite below.

GRAPHIC LOG



MINERALIZATION

qstr w py, mg + tr cp + chl

qstr / q. flood ¯c py, mg, pø tr cp + loc tr sp? + ≤ 1% W.

RECOVERY

Run	%
2.4	
3.66	75
5.8	100
8.8	100
11.9	97
14.9	100
18.0	100
21.0	100
24.1	100

ANALYTICAL

Sample	Interval to	width	Au g/t	Ag g/t	Cu (PPM)	Zn (PPM)	Pb (PPM)	W (PPM)
1943	18.7-19.2	0.5	0.27	4.3	166	154	12	2
2039	19.2-20.2	1.0	0.03	2.1	354	233	16	2
1944	20.2-20.7	0.5	0.01	0.6	144	38	11	2
1945	20.7-21.8	1.1	0.01	0.8	34	12	8	4
1946	21.8-22.3	0.5	0.16	3.5	43	137	3	2
1947	22.3-22.8	0.5	0.61	17.7	225	306	6	6
1948	22.8-23.5	0.7	0.03	2.8	181	221	7	3

BOX

DDH: 89-7

Page 2 of 2

LITHOLOGY, ALTERATION, MISC.

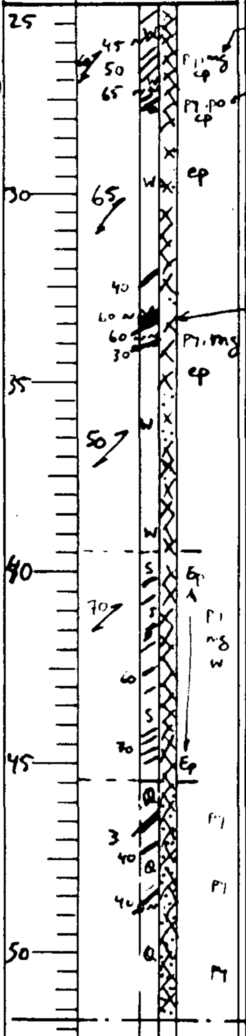
24.2 - 39.5 · Greywacke : med → light grey, dominantly f.g. w̄ v. loc. clasts. White qtz specks (≤ 6 mm dia) are scattered through most of section especially in zones of i-Si. Local short sections without qtz specks are generally weak to nil Si. w-qstrs becoming increasingly local downsection.

(33.0 - 33.3) Contact Vn : white - minor gy translucent qtz w̄ ~ 3% sx. Sheared contacts @ 60°

39.5 - 45.5 Skarn : Lime grn epidote patches cover ~ 50% of core. Rest of core is lt. grey to medium dk brown-gy. Int. Si, moderate qtz / carb strs & irregular fracture fillings

45.5 - 51.8 : Quartzite / Altd Greywacke? Pale grey w̄ lt yellow sericite specks i-Si. Local white qtz strs No discernable foliation

Depth / GRAPHIC LOG



MINERALIZATION

qstrs : py + mg, tr cp, tr sp?

irregular white qstr / flood w̄ 2% sx : py + po + cp

C.V. : py + cp, sp, gl, mg.

< 1% diss sx (py + mg.) tr. w.

Qstr : py, tr cp.

E.O.H. 51.8 m.

RECOVERY

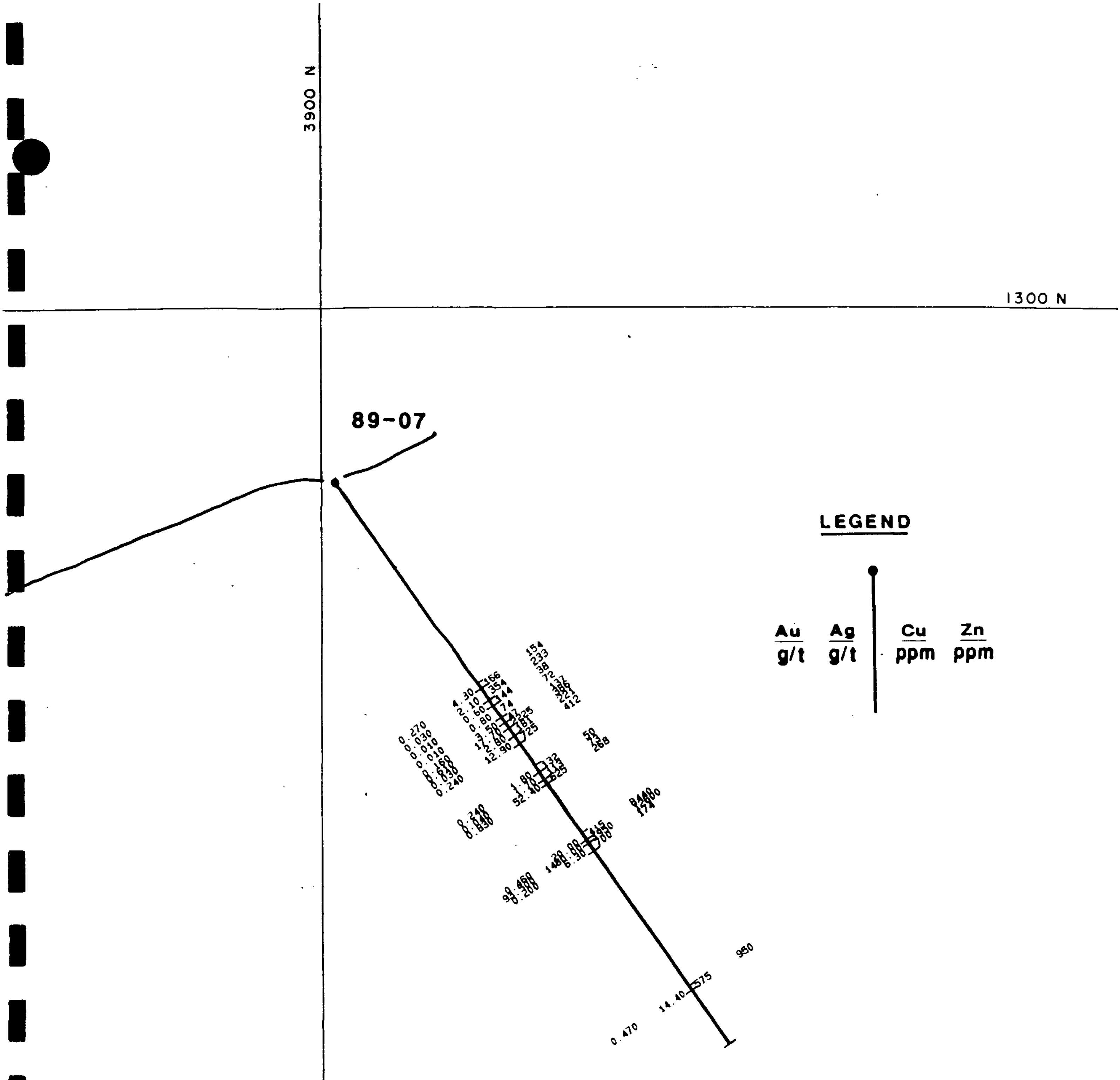
Run	%
27.1	100
30.2	100
33.2	100
36.3	100
39.3	99
42.4	97
45.4	100
48.5	100
51.8	100

ANALYTICAL

Sample	Interval to	width	Au $/T	Ag $/T	Cu / Zn	Pb / W
1950	26.25 - 26.85	0.6	0.24	1.8	132 / 50	10 / 16
2040	26.85 - 27.5	0.65	0.04	1.7	113 / 93	18 / 2
1951	27.5 - 27.9	0.4	0.83	52.4	625 / 268	59 / 750
2051	32.4 - 33.0	0.6	0.46	20.0	415 / 8440	38 / 2
1952	33.0 - 33.3	0.3	93.50	1480.0	1950 / 72600	126 / 2
1953	33.3 - 34.0	0.7	0.20	6.3	309 / 174	10 / 3
1954	46.5 - 46.9	0.4	0.47	14.4	575 / 350	12 / 3

BOX

DDH: 89-7



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4060 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 3

LEGEND			
Quartz	▨	epidote	ep
Granodiorite	G	silica	☒
Greywacke	W	sericite	⁘
Skarn	S		☐

SURVEY

Depth	Bearing	Inclination
54.6	002°	-66°

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2046N 5035E
Coord.– Collar N 3900.90
E 4068.56
Elev.– Collar 1286.82
Date Started: Aug 23/89
Date Completed: Aug 24/89

Hole No.: 89-8
Bearing at collar: 360°
Inclination at collar: -65°
Length: 54.6
Core Size: BQ Thinwall
Logged By: A. J. Pardoe

LITHOLOGY, ALTERATION, MISC.

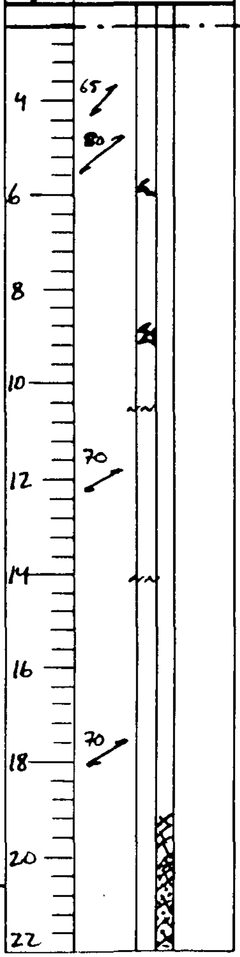
0-2.5 : Casing & Overburden.
2.5-26.9 Granodiorite
(2.5-19.3) med-dk grn-gy, foliated granitic texture. V. local erratic qtz strs locally w carb or chl. Weakly broken w slight rusty stain in upper 7m.

10.7 - gouge, shear & c.g. py

13.53-13.6 - med broken, minor gouge on fracture surfaces
14.2-14.6 - badly broken, minor gouge

(19.3-20.1) - med grey & loc lt gy. Texture chaotic & clouded by qtz. i-Si. Possibly minor bx
(20.1-22.3) - pale grn-gy. i-Si, i-sericite. Sharp alt^n fronts (possibly contacts if this is Quartzite). u.c. @ ~60, L.c. @ 45

Depth | GRAPHIC LOG



MINERALIZATION

RECOVERY	
Run	%
2.4	
3.7	85
5.8	75
8.8	97
11.9	100
14.9	98
18.6	100
21.0	100

ANALYTICAL

Sample	Interval to	width				

BOX

DDH: 89-8

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(22.3 - 26.9) pale gy to dk gy speckled granitic texture generally visible, locally clouded by qtz. i-Si. Mod qtz strs ≤ 6 cm wide, increase in intensity downsection. w-sericite becoming m→i downsection.

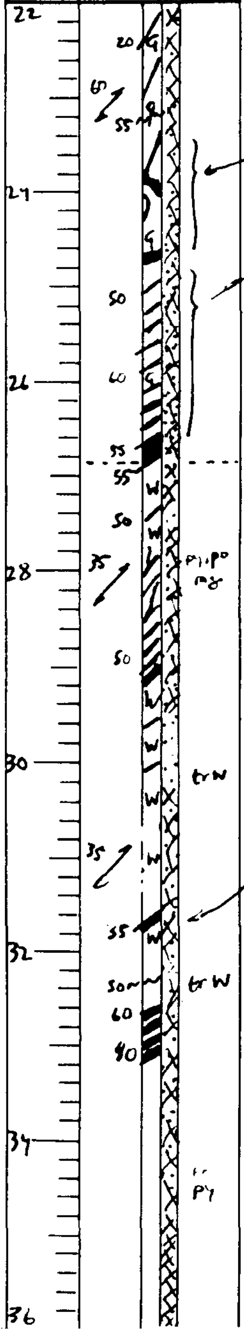
26.9 - 38.3 Greywacke - med. grey, f.g.→ m.g. foliated: m→i Si, m→i sericite local specks of qtz.

(26.9 - 29.6) Qtz str zn, i-Si.

(29.6 - 30.3) i→nil Si, m-sericite

(35 - 37.4) i-Si, abundant white qtz( ) specks ≤ 5mm dia. Abrupt alt'n contact @ bottom of section @ 45° to c.A.

Depth **GRAPHIC LOG**



MINERALIZATION

minor qtz strs 2% diss py + mg tr cp. Loc 5% diss py.

qtz str zone: diss py, loc mg + tr cp.

10 cm qtz str c̄ patches of py, po mg + cp ~ 4% sx.

Qtz strs ≤ 2% sx: py, po mg + cp.

10 cm qtz str c̄ patches of po, py + minor cp.

qtz strs/vn c̄ bx: ≤ 2% sx, py, po, cp, tr sp + gl?

RECOVERY		ANALYTICAL					PPM	
Run	%	Sample	Interval to	width	Au g/T	Ag g/T	Cu/Zn	Pb/W
		1959	23.4-24.4	1.0	0.08	2.7	550/104	7/12
24.1	100	1960	24.4-24.9	0.5	0.18	3.5	331/133	2/3
		1961	24.9-25.9	1.0	0.03	1.8	91/97	2/2
		1962	25.9-26.4	0.5	0.05	0.7	43/62	2/4
		1963	26.4-26.9	0.5	1.34	61.0	3950/267	3/3
27.1	100	1964	26.9-27.9	1.0	0.04	1.5	113/49	4/2
		1965	27.9-28.8	0.9	0.07	1.7	136/52	3/4
		1966	28.8-29.3	0.5	0.09	4.1	239/66	2/7
		26491	29.3-30.5	1.2	0.02	1.7	94/100	8/4
30.2	100							
		26490	30.5-31.7	1.2	0.12	0.5	77/66	12/2
		1967	31.7-32.0	0.3	10.23	262.0	1050/1625	108/160
		2041	32.0-32.7	0.7	0.03	2.0	153/88	19/3
		1968	32.7-33.2	0.5	19.15	425.0	225/525	160/75
33.2	100							
		26489	33.2-34.4	1.2	0.03	1.5	181/179	8/3
		26488	34.4-35.6	1.2	0.15	1.0	216/276	17/3
		26487	35.6-36.7	1.1	0.03	2.0	81/116	10/2
		26486	36.7-37.8	1.1	0.14	0.5	89/250	4/3

BOX

DDH: 89-8

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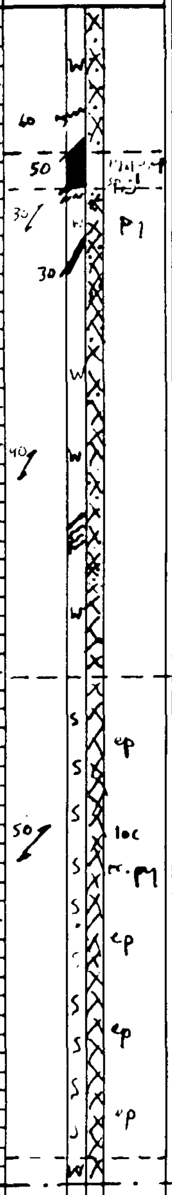
LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION
Greywacke cont.	36	
38.3-38.9 : Contact Vein: white qtz w w-chl. otrs + sx patches. Approx. 4% sx HW sharp, FW in weakly broken core		c.v. : white qtz + tr chl. ~4% sx : py, pφ, cp, minor sp + gl possible hessite
38.9-46.6 : Greywacke : med gy w moderate → abundant qtz specks. Local dk gy rounded clasts ≤ 2 cm dia. i-si. Foliation/bedding faintly visible. V. loc mod sericite. Weak carb veinlets (≤ 2 mm wide) @ 25° to C.A below 44.6 m.	39 42	Diss py + v loc pφ in i-si grdr.
		qstrs/flood w ~ 1-2% diss py + pφ. minor chlorite
	45	
46.6-54.2 : Skarn : lime grn epidote patches alter ~ 25% of core. Local unflood (?) greywacke visible. Weak → moderate erratic carb/qtz veinlets i-si. Scattered qtz/carb specks.	48 51	
54.2-54.6 : Greywacke : lt → mid gy i-si	54	
E.O.H. 54.6m		

GRAPHIC LOG



RECOVERY

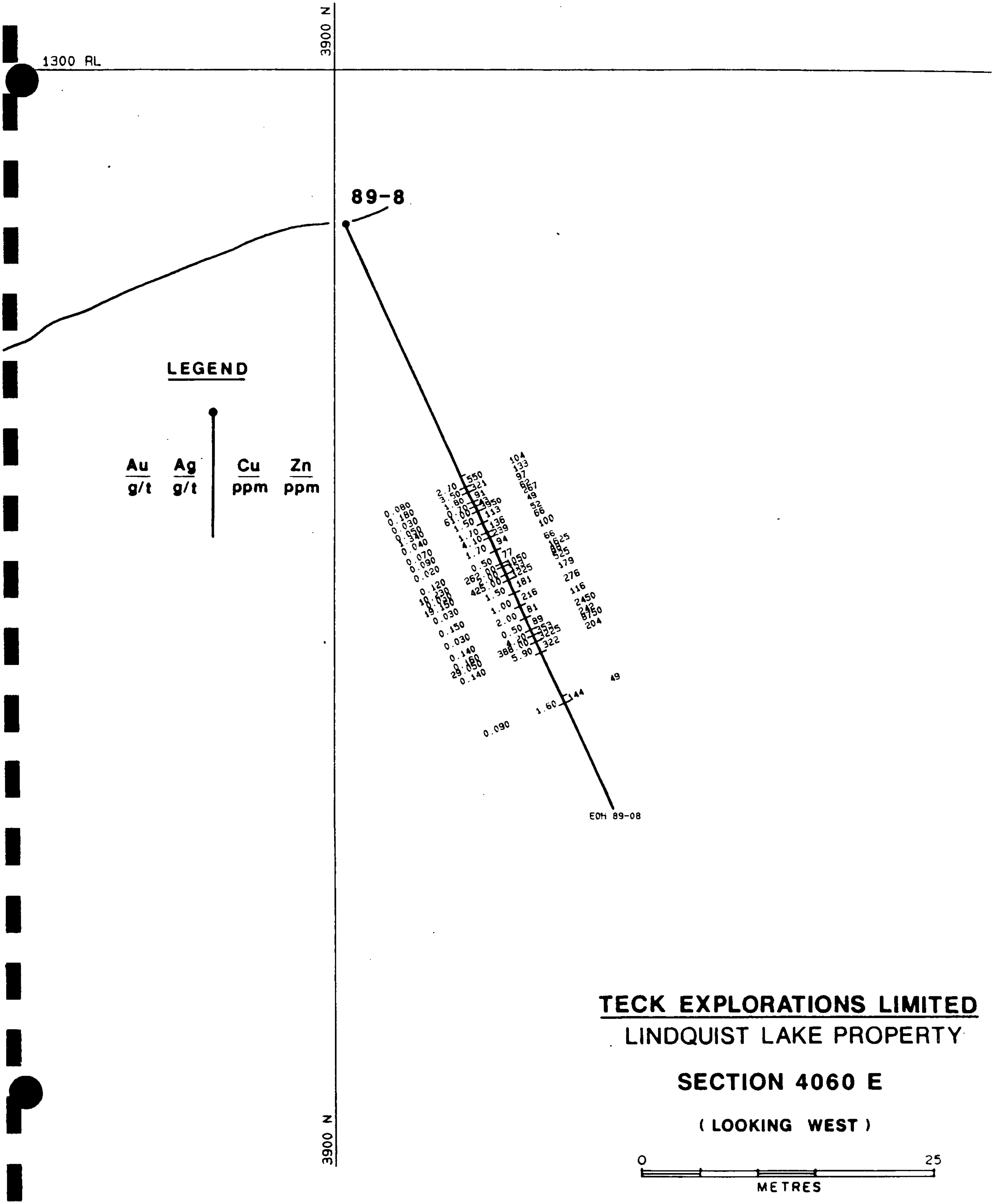
Run	%
36.3	100
39.3	100
42.4	100
45.1	100
48.5	95
51.5	100
54.6	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
2042	37.8-38.3	0.5	0.16	4.2	353/244	38/2
1969	38.3-38.9	0.6	29.05	388.0	3225/8750	41/6
2043	38.9-39.9	1.0	0.14	5.9	323/204	31/6
1970	44.0-44.6	0.6	0.09	1.6	149/49	10/2

BOX

DDH: 89-8



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4060 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 5

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2042N 5034E
Coord.- Collar N: 3897.00
E: 4068.20
Elev.- Collar: 1286.48
Date Started: Aug 23/89
Date Completed: Aug 25/89

Hole No.: 89-9
Bearing at collar: 180
Inclination at collar: -60
Length: 91.1 m
Core Size: BQ Thinwall
Logged By: A. J. Pardoe

LEGEND

Quartz	◩	Silica	☒
Granodiorite	G	sericite	⬚
Greywacke	W		☐
	☐		☐

SURVEY

Depth	Bearing	Inclination
91.1 m	176°	-60°

LITHOLOGY, ALTERATION, MISC.

0-5.8 : Casing and Overburden

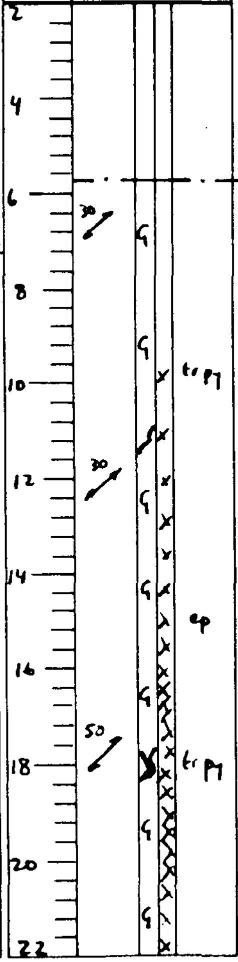
5.8 - 22.0: Granodiorite

(5.8 - 7.6) v. dk grn-gy, strongly foliated very little granitic texture visible

(7.6 - 21.2) dk grn-gy w̄ speckled granite texture (fg→m.g.) Foliated. w-si gradually changing to i-si below 16.4m local erratic white qtz/carb strs

(21.2-22.0) v. dk grn gy lightening downsection to lt med. gy. Cut by white qtz strs + w-si in light colored area

Depth / GRAPHIC LOG



MINERALIZATION

RECOVERY		ANALYTICAL					PPM	
Run	%	Sample	Interval to	width	Au $/T	Ag $/T	Cu / Zn	Pb / W
5.8								
8.8	100							
11.9	100							
14.9	100							
18.0	100							
21.0	100	1955	21.2-22.0	0.8	0.65	17.6	425 / 1725	210 / 3

BOX

DDH: 89-9

LITHOLOGY, ALTERATION, MISC.

22.0-22.5: Main Vn? white qtz + chl, minor translucent gy qtz. BA change @ HW. FW irregular @ ~90°

22.5- Granodiorite

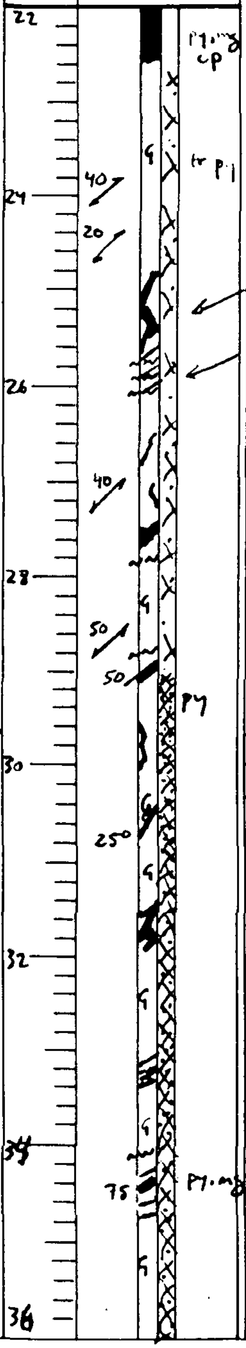
(22.5- 29.0): dk grn-gy to med (grn)-gy weak to loc. mod-Si, w→m sericite foliated, cut by several erratic qtz strs.

25.5-26.2 - badly broken + sheared

28.7-28.8 - badly broken w pebbly gouge

(29.0- 35.9) pale gy + off white. m-sericite, i-Si. Texture obscured by silica though appears vaguely porphyritic. < 2% mafics, largely occurring as chlorite specks local white quartz strs.

Depth / GRAPHIC LOG



MINERALIZATION

Main Vn?: 2% Sx: py.mg. cp. chloritic

Qstr: sub // to C.A. ~1% Sx: py.mg, cp tr sp + gl.

Broken qtzs + grdr, <1% sx py, cp, tr sp + gl?

Qtz flood + 2 cm str w 1% sx: py.po, mg, cp.

irregular qstr / flood w 2% sx: py.po, mg, cp

RECOVERY / ANALYTICAL

RECOVERY Run	%	Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
		1956	22.0-22.5	0.5	1.61	32.0	915/285	20/2
		2044	22.5-23.5	1.0	0.22	8.0	725/675	29/2
24.1	100	1957	24.8-25.5	0.7	1.96	57.0	1175/3475	5/135
		1958	25.5-26.1	0.6	2.03	51.8	1575/1975	3/3300
		26485	26.1-27.2	1.1	2.18	5.0	187/245	12/47
27.1	100	26484	27.2-28.3	1.1	1.76	0.9	955/324	8/33
		26483	28.3-29.3	1.0	1.08	0.6	537/388	11/2
		26482	29.3-30.4	1.1	2.37	0.3	265/90	24/2
30.2	100							
		1971	30.4-30.8	0.4	3.80	57.2	800/92	9/3
		2045	30.8-31.7	0.9	0.16	3.4	104/236	12/4
		1972	31.7-32.2	0.5	4.21	65.7	1325/232	15/2
		26481	32.2-33.6	1.4	1.36	2.0	40/85	12/2
33.2		26480	33.6-35.0	1.4	0.18	0.4	65/45	7/2

BOX

DDH: 89-9

Page 3 of 5

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(35.9 - 44.9) As previously described but porphyritic texture is clearer + mafics ↑ slightly

(44.9 - 61.4) good porphyritic texture w̄ ~ 5-10% chloritized biotite / hornblende

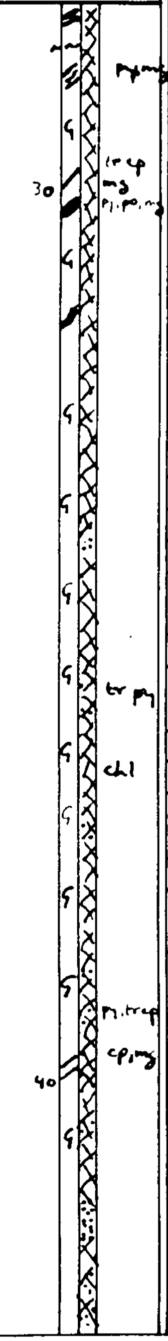
47.4-47.6 - w - Si, m→i sericite

(61.4 - 62.15) - w-Si, i-sericite, weakly foliated

(62.15 - 66.6) porphyritic texture obscured & mafics ↓. m→i sericite, i-Si w→moderate qtz strs.

Depth 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64

GRAPHIC LOG



MINERALIZATION

2 specks of cp noted in grds.

30 cm gsr: HW @ 40, FW @ 30
sx near contacts in small blebs

~1% sx (cp, po, py, mg) diss + in small blebs in grdr + small (1-2 cm) qtz strs

RECOVERY

Run	%
36.3	100
39.3	100
42.4	100
45.4	100
48.5	100
51.5	100
54.56	100
57.6	100
60.7	100
63.7	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	Pb / W
2046	57.5-58.3	0.8	0.02	1.6	94 / 85	17 / 3
1973	58.3-58.8	0.5	0.58	8.4	261 / 134	9 / 2
26479	63.2-64.3	1.1	0.17	29.7	73 / 156	502 / 18

BOX

DDH: 89-9

LITHOLOGY, ALTERATION, MISC.

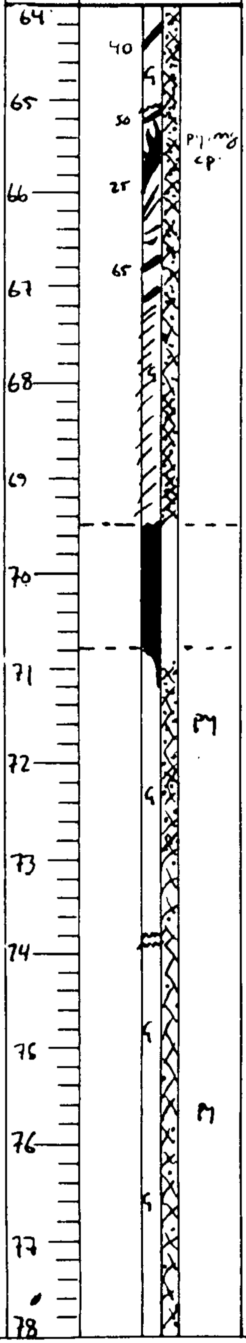
Greywacke (cont)

(66.6-67.5) Qtz strs + silicification ↑
~5% mafic minerals

69.5-70.8 : Qtz Vn - white qtz w chl veinlets + chloritized sx for 0.5m. on either side of contacts. Blebs + large patches of sx concentrated in upper 0.4m. H.W indistinct, blending into i-Si + str zone. F.W irregular, blending w host rk + q.str that extends out @ 70° to C.A.

70.8-91.1 Granodiorite - lt. gy, c.g. w visible qtz, fldsp + chloritized hbl?/ biot? Approx ≤10% mafics. Fldsp is weakly sericitized to local mod. sericite
m→i-si
(70.8-73.5) i-Si + m→i sericite cloud + locally obscure granite texture

Depth / GRAPHIC LOG



MINERALIZATION

Qtz Strs - qtz is ~60° of core, 2-3% sx in small patches + blebs : py, mg, cp

Q.str zone - 1-2% diss sx, locally small sx patches in qtrs + near contacts.
py, po, mg, local cp, v. loc trace W. Local tr. Mo (?) for ~0.5m above vn

QV: white qtz w loc. chl.
~10% sx in upper 0.4m. tr → 3% sx in rest of vn
py, mg, po, tr cp.

RECOVERY

Run	%
66.8	100
69.8	99
72.8	100
75.9	95

ANALYTICAL

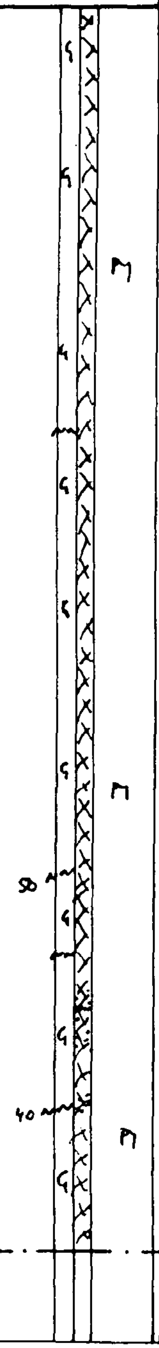
Sample	Interval to	width	Au g/t	Ag g/T	PPM Cu/Zn	PPM Pb/Zn
26478	64.3-65.3	1.0	0.18	2.2	111/610	11/7
1974	65.3-66.0	0.7	1.38	40.3	800/2025	5/2
26477	66.0-66.9	0.9	1.01	0.2	200/308	5/3
1975	66.9-67.9	1.0	2.27	29.6	500/575	12/2
1976	67.9-68.5	0.6	1.56	21.7	377/402	11/6
1977	68.5-69.0	0.5	0.63	13.9	341/600	8/4
1978	69.0-69.5	0.5	0.14	3.6	179/154	10/3
1979	69.5-69.9	0.4	2.26	27.8	100/184	97/5
1980	69.9-70.4	0.5	0.03	1.5	121/13	9/9
1981	70.4-70.9	0.5	0.04	1.9	123/34	5/2
2047	70.9-71.4	0.5	0.16	1.7	98/29	19/2

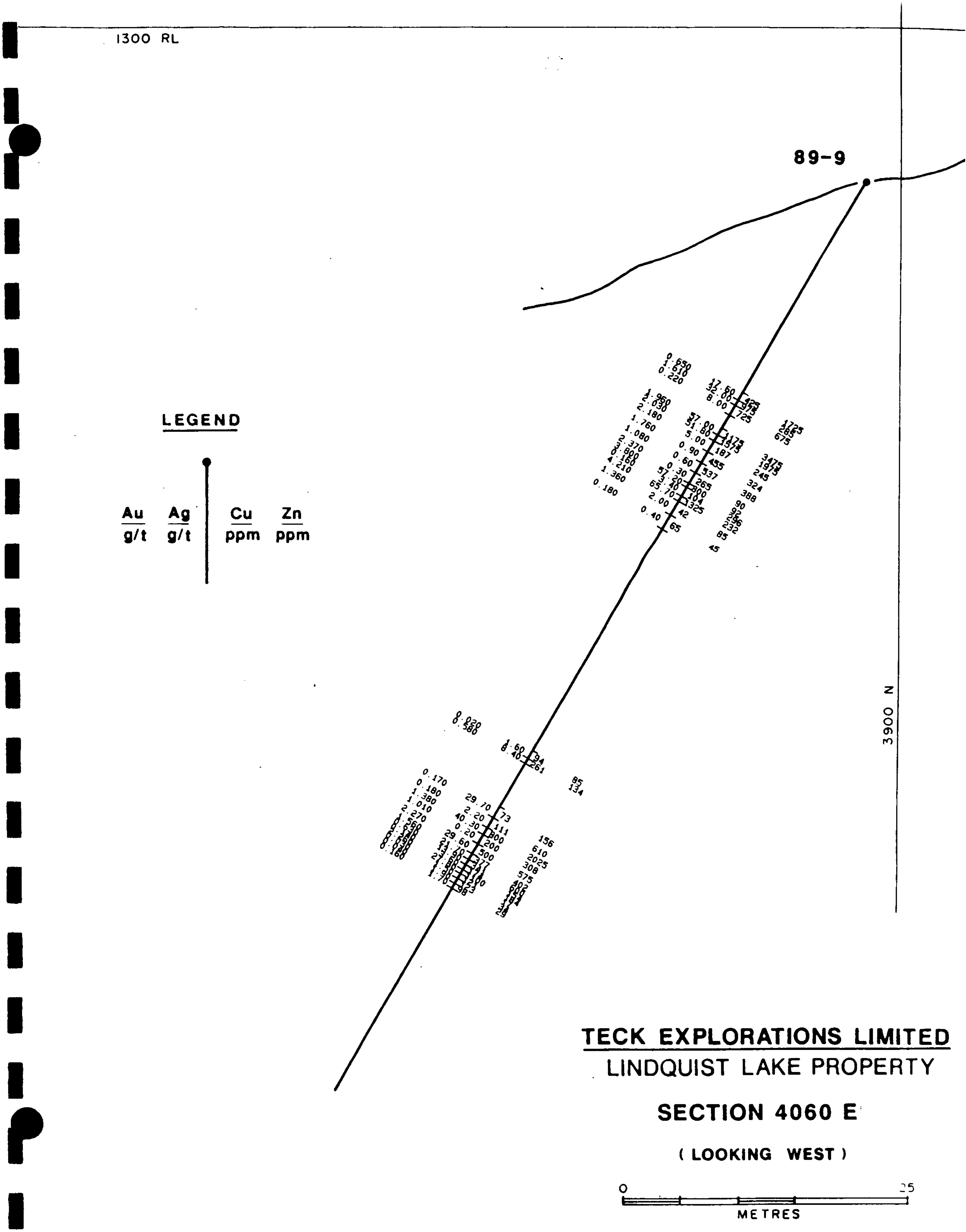
BOX

DDH: 89-9

Page 5 of 5

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	ANALYTICAL Interval to	ANALYTICAL width					BOX
Granodiorite (cont)	78												DDH: 89-9
	79		local patches of py	78.9	100								
	80												
	81												
	82			82.0									
	83												
	84												
	85			85.0									
	86												
	87												
	88			88.1									
	89												
	90												
E.O.H. 91.1 m.	91			91.1									





TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4060 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property Deerhorn
Location LINDQUIST LAKE
GRID 3005N 5179 E
Coord.- Collar N 3865.40
E 4212.27
Elev.- Collar 1246.16
Date Started Aug 25/89
Date Completed Aug 27/89

Hole No. 89-10
Bearing at collar 360
Inclination at collar -45°
Length 69.5 m
Core Size BQ Thinwall
Logged By A.S. Pasdoe

LEGEND

Quartz	▨	Argillite	A
Granodiorite	G	Epidote	Ep
Greywacke	W	Silica	⊠
Quartzite	Q	Sericite	⁘

SURVEY

Depth	Bearing	Inclination
69.5	006°	-46°

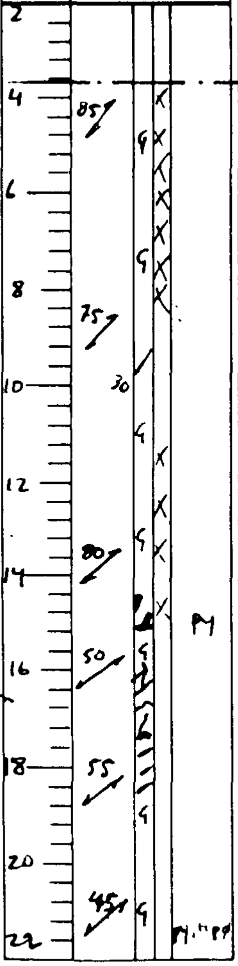
LITHOLOGY, ALTERATION, MISC.

0 - 3.7 : Casing

3.7 - 32.1 Granodiorite (Qtz Diorite?)
(3.7 - 15.9) Dk grn + speckled white, well foliated. Loc. mod-si. Upper 14 m are locally badly broken ground (problems w latch mechanism on drill.) Local erratic qtz/(carb) strs.

(15.9 - 18.55) V. dk grn gy, locally lightened by qtz/carb strs. Int-foliation obliterates most of granitic texture w mod qtz + lesser carb strs.
(18.55 - 24.0) As initially described, but slightly coarser grained + w less gneissic texture

GRAPHIC LOG



MINERALIZATION

RECOVERY

Run	%
3.7	
5.5	88
8.5	58
11.6	48
14.6	87
17.7	94
20.7	100

ANALYTICAL

Sample	Interval to	width				

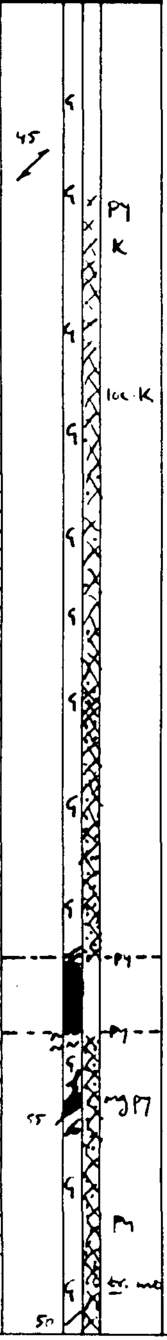
BOX

1
2

DDH: 89-10

LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION
Granodiorite (cont)	22	
	23	
(24.0-25.5) - weak foliation + strong granitic texture, though has clouded appearance. Weak K-altn, mod Si ~1% diss py	24	~1% diss py in grdr.
	25	
(25.5-29.7) - no visible foliation; mafic minerals ↓ (≤10%). Local w-K, i-Si, weak altn of fld xls → sericite.	26	
	27	
	28	
(29.7-32.1): pale gy; most mafics gone (<3% mafic minerals). Granitic texture visible. Int-Si, mod-sericite weakly broken in lower 1.1 m.	29–31	
32.1-32.9: Qtz Vn - barren white qtz ū local patches of m.g.→c.g. py at contacts. HW indistinct in strs & grds bx. FW in broken core.	32	Q.V. - barren except for py blebs near contacts
32.9 - 48.8 Granodiorite (32.9 - 42.4) As above barren qtz vn, but slightly more mafic (locally ≤5%) locally cut by qtz strs	33–35	Q.str: 15 cm wide + erratic smaller strs above + below. ~2-3% sx in main str. ~1% in rest of section. Py + mg
	35–36	1% diss py + v. loc. tr. mo in silicified + sericitized grdr.

GRAPHIC LOG



RECOVERY

Run	%
23.8	100
26.8	100
29.9	100
32.9	99
36.0	81

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu/Zn (PPM)	Pb/W (PPM)
2048	32.1-32.9	0.8	0.01	0.1	36/14	11/2
2049	32.9-33.5	0.6	0.04	0.2	153/19	15/2
1982	33.5-34.0	0.5	0.16	2.0	81/18	7/2
2050	34.0-35.1	1.1	0.18	2.0	201/48	14/5
1983	35.1-36.1	1.0	0.09	2.1	229/44	3/2

BOX

DDH: 89-10

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

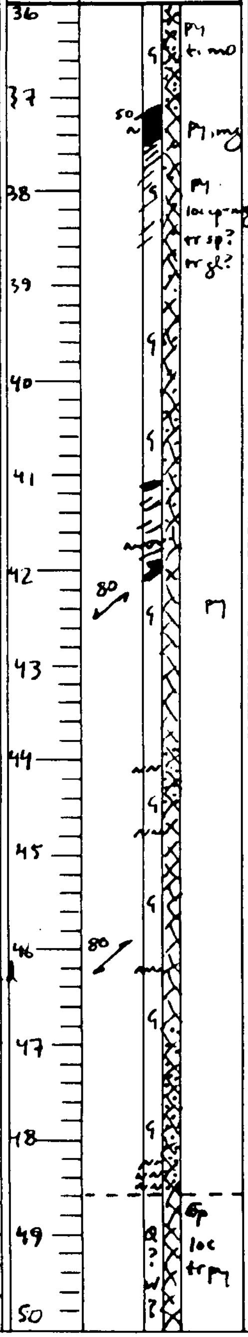
(37.15 - 37.55) Qtz Str : white qtz + minor chl. Patches of mg + ~~loc~~ diss py. ~2% sx. H.W indistinct @ ~50° F.W in strs. Badly broken in middle of str.

(42.4 - 45.2) med-dk grn-gy, strongly foliated, destroying most of granitic texture. i-si
locally pale yellow-gy / white w̄ i-Si + i-Sericite @ 43.9 - 44.5

(45.2 - 45.8) pale grey, i-si.. minor fldsp? xls visible in upper .2m, massive in rest of section. Sharp lower contact w̄ grns @ contact → possible quartzite.
(45.8 - 46.8) dk grn-gy as previously described above. i-foliation in upper .3 m.
(46.8 - 48.8) v. pale gy, i-Si, sericitized fldsp (?) xls visible. Tr. diss py + loc. mg. Bottom .4 m badly broken

48.8 - 52.1 : pale gy. i-si, m-sericite. No visible textures, except faint, local foliation indicated by alignment of sericite. Possibly quartzite? or i-Si greywacke/mdstone.
Faint grn tinge to much of rk.

Depth / GRAPHIC LOG



MINERALIZATION

Diss py + tr mo in grdr

Qstr: 40cm, white qtz + minor chl. Py + mg.
Diss sx in grdr: ~1% sx: py. loc. cp, loc mg, loc. tr sp + gl? Several small qtz strs throughout.

Qstr zone - erratic white qtz strs. Loc. patches of py + mg in uppermost str. (~15cm wide). <1% sx in rest of zone.

RECOVERY

Run	%
36.0	81
39.0	96
42.1	96
45.1	98
46.3	100
48.2	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
1984	36.1 → 37.15	1.05	0.04	2.0	79/17	5/2
1985	37.15-37.55	0.4	2.75	30.4	118/59	19/4
1986	37.55 - 38.6	1.05	1.27	16.2	208/1925	9/550
26476	38.6-39.8	1.2	0.46	0.2	153/589	3/2
26475	39.8-41.1	1.3	0.02	1.2	71/54	4/2
1987	41.1-41.7	0.6	0.60	6.3	160/363	13/11

BOX

DDH: 89-10

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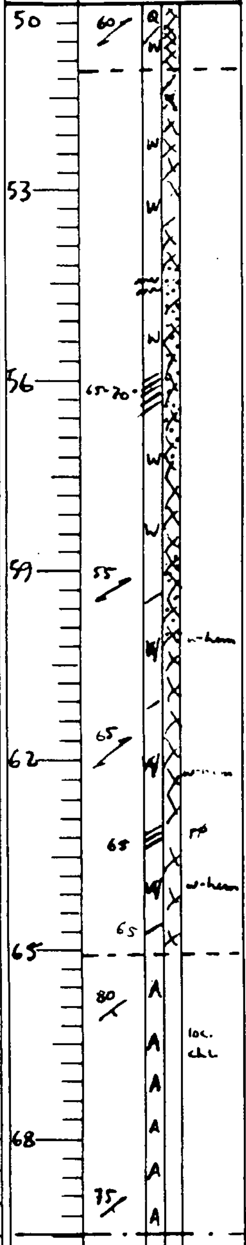
LITHOLOGY, ALTERATION, MISC.	MINERALIZATION	BOX
52.1 - 65.1 : Greywacke ?		
(52.1 - 60.4) Light gy, generally f.g. w̄ white specks of qtz? Local small clasts (≤ 6mm long?) visible. i-Si mod sericite (carb) defines foliation in sections w̄ little to no qtz grains. Local qtz strs (≤ 1 cm wide). Local off white carb vnlts.		
(60.4 - 61.7) As above but w̄ weak → moderate hematitic patches.		
(61.7 - 65.1) As above w̄ local beds of Argillite / Siltstone. Local erratic qtz strs		
65.1 - 69.5 : Argillite / Silt : medium to dk muddy-gy. Faint bedding @ 80° often chaotic. Moderate chl. & minor carb strs (≤ 2mm wide) @ high ∠ to C.A. + in chaotic orientations.		
E.O.H. 69.5 m.		DDH: 89-10

Depth / GRAPHIC LOG

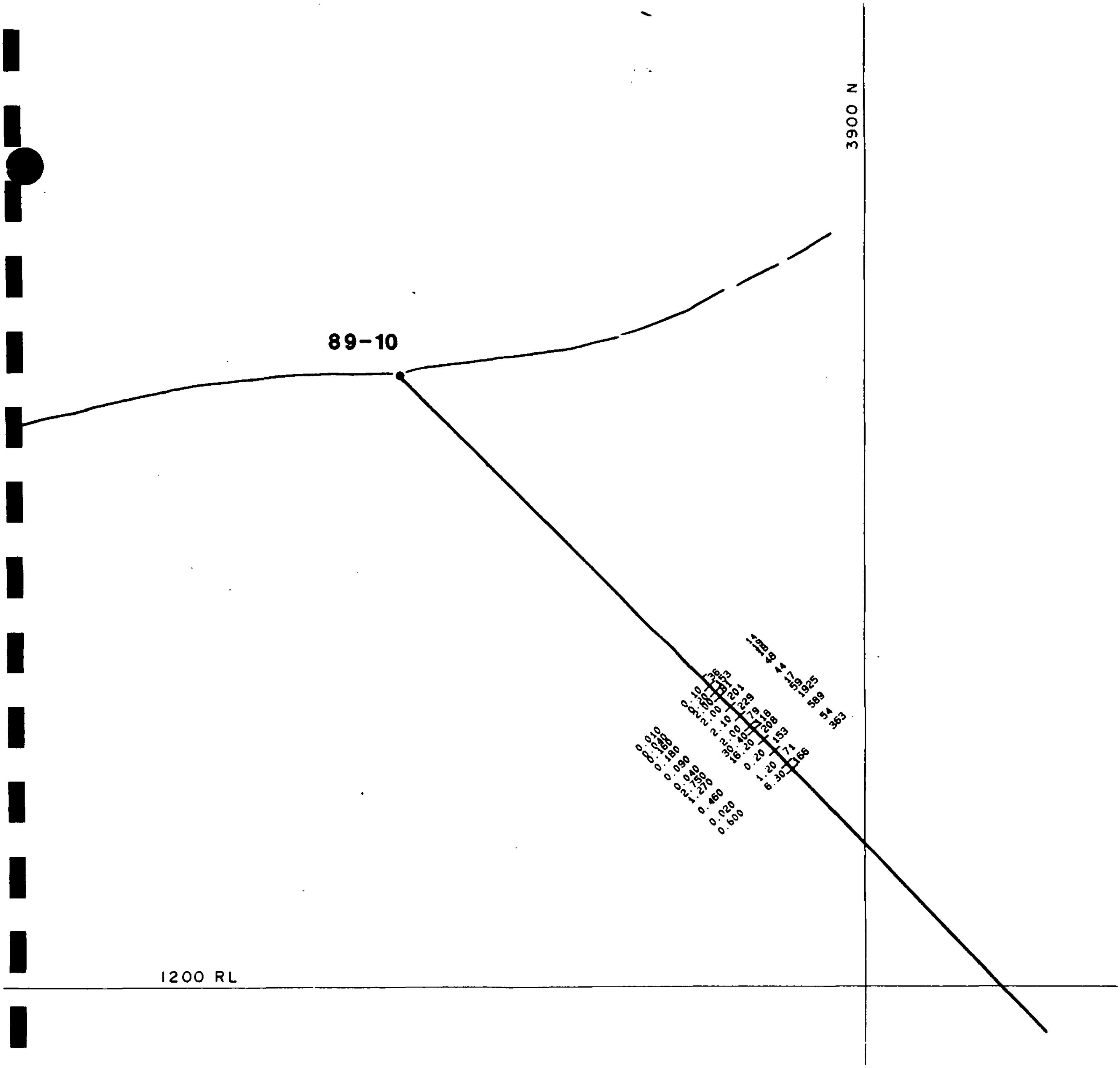


RECOVERY

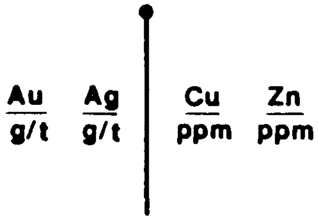
Run	%
51.2	97
54.3	100
57.3	100
60.4	100
63.4	100
66.4	100
69.5	100

ANALYTICAL

Sample	Interval to	width				



LEGEND



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4220 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2002N 5179E
Coord.- Collar N 3860.21
E 4212.15
Elev. - Collar 1246.44
Date Started Aug 27/89
Date Completed Aug 28/89

Hole No. 89-11
Bearing at collar 180°
Inclination at collar -50°
Length 69.8m
Core Size BQ Thinwall
Logged By A.J. Pardoe

LEGEND

Granodiorite	G	sericite	⁙
Quartz	▨	silica	☒
Mafic Dyke	M	pottasic alt'n	K
	☐		☐

SURVEY

Depth	Bearing	Inclination
39.3m		-50°
69.8m		-51°

LITHOLOGY, ALTERATION, MISC.

0 - 3.0 : Casing.

3.0 - 54.2 Granodiorite
(3.0 - 9.4) dk grn + white streaks. Foliated.

(9.4 - 14.1) dk grn-gy + gy. intensely foliated → granitic texture only locally visible. Weak + mod. broken @ 9.3 → 10.1m and 12.2 - 13.0. Local irregular qstrs.

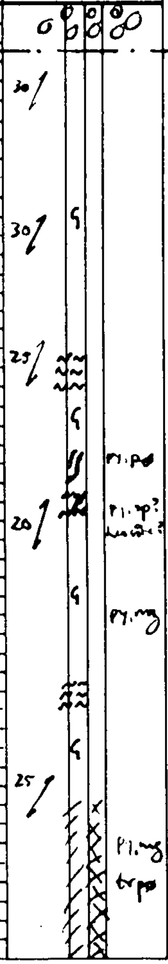
(14.1 - 18.7) dk grn, less foliated than at top of hole. Badly broken qtz vn/str @ 16.2 - 16.8. No visible contacts

(18.7 - 22.1) Qtz str zone - med gy → w- chl. Foliated and cut by moderate erratic and low angle qstrs. mod Si

Depth

2 · 4 · 6 · 8 · 10 · 12 · 14 · 16 · 18 · 20 · 22

GRAPHIC LOG



MINERALIZATION

Qstrs @ low ∠ to C.A. ~1% sx: py, po + tr cp?

Broken qtz str: white + gy qtz → 1-2% sx: py, tr sp? tessite? str is ~ 3cm wide @ low angle

Qstr/Vn: white qtz + grdr bx. Badly broken. < 1% diss py

Qstr zone: white qtz strs ≤ 4cm wide, dominantly erratic orientations + shapes. 1-2% diss py + mg in strs + grds. Loc. tr. po. Loc. ... in sstrs.

RECOVERY

Run	%
3.0	
5.8	95
7.8	93
11.9	95
14.9	97
18.0	95
21.0	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
1988	11.6-11.9	0.3	0.02	2.5	188 / 216	25 / 56
1989	12.5-12.8	0.3	0.01	1.9	187 / 550	15 / 8
2010	16.2-16.8	0.6	0.62	20.0	134 / 56	24 / 4
26474	16.8-18.7	1.9	0.01	14.3	35 / 110	9 / 4
1990	18.7-19.9	1.2	2.40	38.1	236 / 205	32 / 3
1991	19.9-21.0	1.1	0.41	3.2	214 / 13	21 / 2
1992	21.0-22.1	1.1	0.19	1.2	233 / 81	17 / 2

BOX

DDH: 89-11

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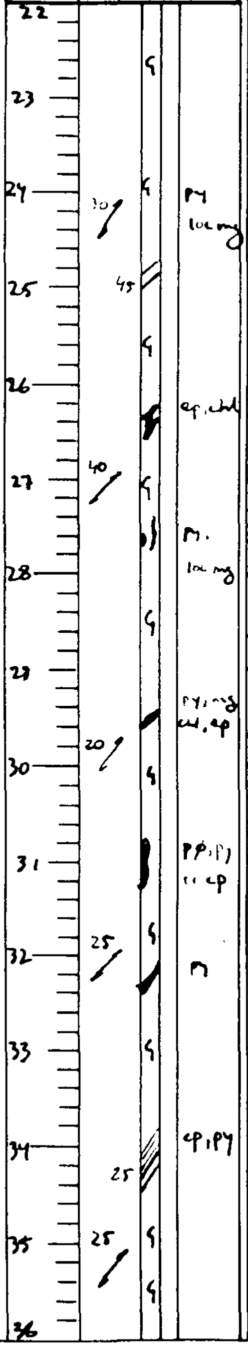
LITHOLOGY, ALTERATION, MISC.
Granodiorite (cont)
(22.1 - 30.8) med grn-gy, foliated. Weak local qtz strs generally < 1.5cm wide. Strs locally bear epidote + chl. Mineralized w̄ blebs of py + mg. Py + lesser mg also dispersed in grdr.
(30.8 - 36.0) med-dk gy w̄ dk grn tones gradually changing pale grn + brownish tones downsection. i - foliation obliterates almost all granitic texture. Local qtz strs sub // to foliation + locally flat lying. In lower 1.1 m a vaguely gneissic texture occurs + bright grn chl occurs w̄ qtz in elongate patches along foliation.



MINERALIZATION
Qstr: white qtz sub // to C.A., minor gy qtz. 2-3% sx → pφ, lesser py + tr cp.
Qstrs - white qtz, sub // to Z w̄ ~1% cp + py. Qtz is ~ 30% of sample

RECOVERY Run	%
24.1	100
27.1	100
30.2	100
33.2	100

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
1993	30.8-31.3	0.5	0.04	2.0	194 / 138	24 / 5
26473	31.3-32.7	1.4	0.01	10.2	26 / 138	19 / 2
26472	32.7-34.0	1.3	0.08	2.0	158 / 153	10 / 3
1994	34.0-34.4	0.4	2.62	48.0	725 / 152	27 / 3
26471	34.4-36.0	1.6	0.01	10.2	170 / 70	15 / 3

BOX

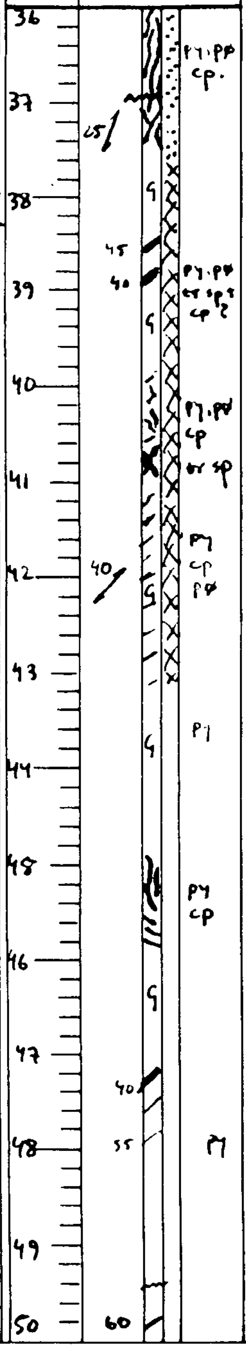
DDH: 89-11

LITHOLOGY, ALTERATION, MISC.

Grandodiorite (cont)
(36.0 - 37.7) As above, i-foliated + med. gy. m-i sericite. Cut by numerous qtz strs sub// + @ low < to C.A. in upper 1.5m.
(37.7 - 43.5) med (brown)-gy + off white foliated but granite texture still visible i-Si. Cut by numerous, often irregular qtz strs

(43.5 - 54.2) med grn-gy, blk + off white. Strong granite texture. Large biotite xls (< 5mm). ~15-20% mafic. v. faint foliation. Local qtz strs. Fldsp xls are weakly sericitized. m-i Si in lower 1.3m.

Depth / GRAPHIC LOG



MINERALIZATION

Qstrs - sub// to C.A., white approx. 50% of core. 1-3% sx in small blebs + diss. Sx ↓ overall downsection Py, pø + cp.

Qstr: irregular contacts, ~5% sx: py, pø, tr sp? tr cp? w- chl + ep

Qtz/carb strs - loc. vuggy 1-2% sx: py pø, cp.

Qstrs/flood w 2-3% sx: cp pø, py, tr sp?

irregular qtz strs w 1-2% sx - c.g. py, loc pø, loc cp.

Qstrs - white, irregular w 1-2% sx (py + minor cp.

RECOVERY

Run	%
36.3	100
39.3	100
42.4	100
45.4	100
48.5	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
1995	36.0-36.5	0.5	6.47	118.0	2975 / 700	76 / 6
1996	36.5-37.0	0.5	7.53	269.0	625 / 775	166 / 2
1997	37.0-37.5	0.5	1.52	42.0	875 / 2975	42 / 2
1998	37.5-38.5	1.0	0.17	2.7	131 / 133	33 / 2
1999	38.5-39.0	0.5	2.21	35.3	850 / 304	25 / 2
2000	39.0-39.8	0.8	0.05	1.4	78 / 108	18 / 4
2001	39.8-40.65	0.85	0.79	11.7	289 / 322	61 / 3
2002	40.65-41.05	0.4	1.79	32.0	450 / 205	28 / 3
2003	41.05 → 42.2	1.15	1.08	12.7	575 / 262	26 / 17
2004	42.2-42.7	0.5	5.28	50.1	835 / 289	22 / 2
2005	42.7-43.5	0.8	3.11	42.0	825 / 825	23 / 46
2006	43.5-44.9	1.4	0.58	7.8	294 / 172	19 / 3
2007	44.9-45.9	1.0	1.02	12.1	223 / 85	16 / 4

BOX

DDH: 89-11

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LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

54.2-55.2 : Qtz Vn: white qtz ̄w patches of mg + tr py in upper 0.5 m. Cut by 3 cm wide mafic dyke.

55.2 - 55.5 : Mafic dyke: dk grn-gy, aphanitic ̄w fine blk specks. Massive py in upper 4 cm

55.5-63.5 : c.g., good granitic texture, 10-15% mafics dominantly consisting of weakly chloritized biotite.
Weak potassic alt^n @ 55.5-57.5 m.
Local narrow qtz^vs

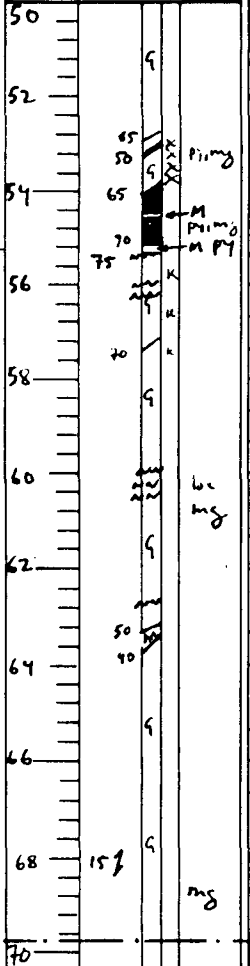
63.5- 63.85: Mafic dyke: as previously described

63.85- 69.8: Granodiorite as described above dyke

(68.2-68.4) Strong foliation @ 15°

E.O.H 69.8

Depth / **GRAPHIC LOG**



MINERALIZATION

Local qtz^vs in silicified grdr. ~ 1-2% py + mg

Q.V. : patches of m.g. in upper 0.6m. Local py

RECOVERY

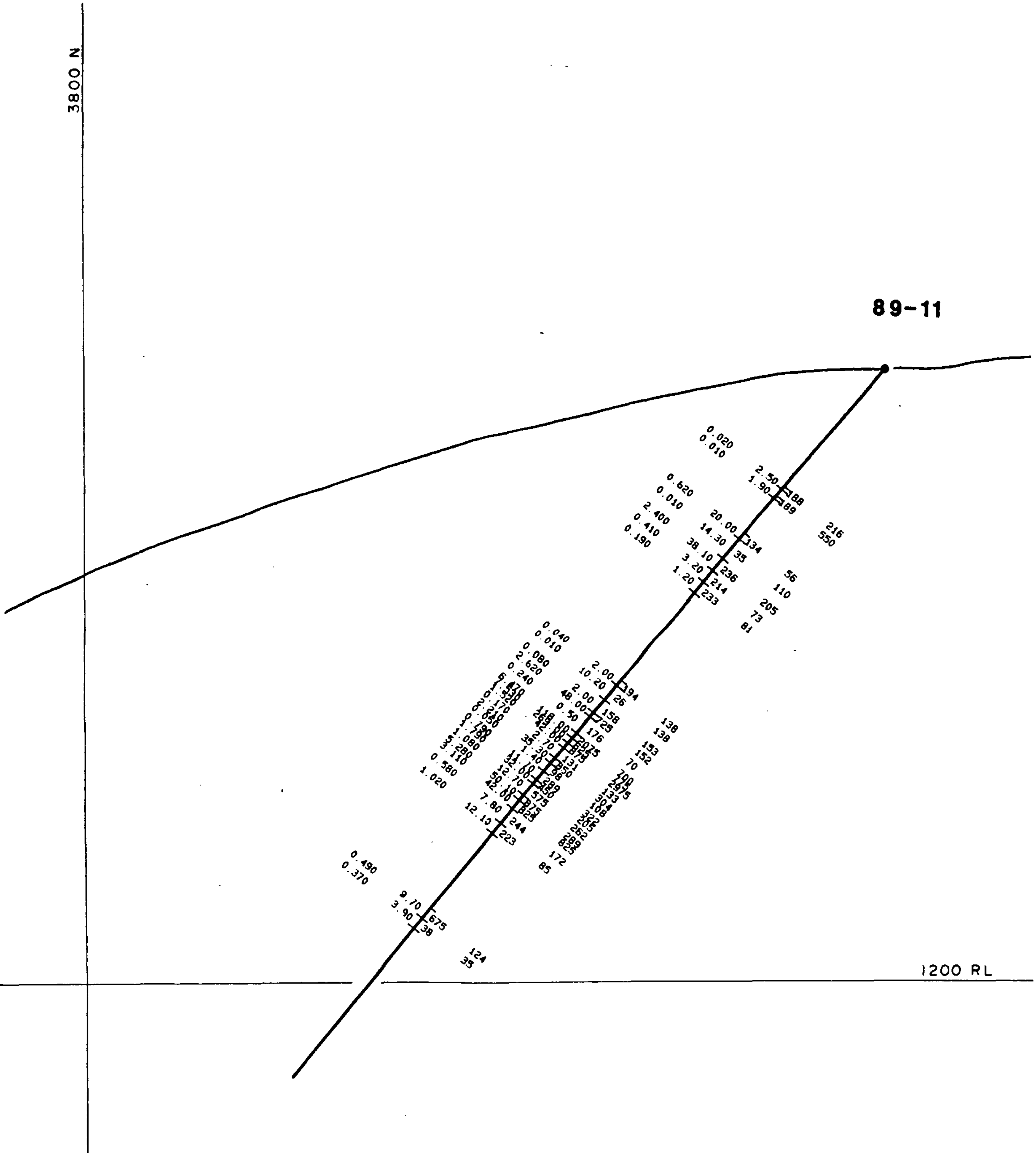
Run	%
51.5	100
54.6	95
57.6	100
60.7	95
63.7	100
66.8	100
69.8	100

ANALYTICAL

Sample	Interval to	width	Au g/t	Ag g/t	PPM Cu / Zn	PPM Pb / W
2008	53.2-54.2	1.0	0.49	9.7	675 / 124	22 / 4
2009	54.2-55.2	1.0	0.37	3.9	38 / 35	12 / 2

BOX

DDH: 89-11

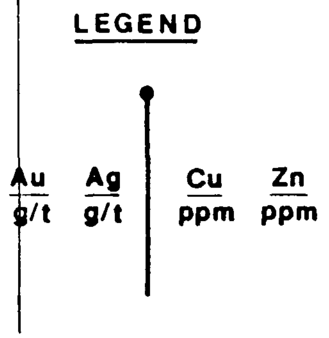


TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4220 E

(LOOKING WEST)



DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2002N 5179E
Coord.- Collar N 3860.21
E 4212.15
Elev. - Collar 1246.44
Date Started Aug 28/89
Date Completed Aug 29/89

Hole No. 89-12
Bearing at collar 180°
Inclination at collar -75°
Length 72.5 m
Core Size BQ Thinwall
Logged By A.J. Pasdoe

LEGEND

Granodiorite	G	Silica	☒
Quartz	▨	sericite	⛶
	☐		☐
	☐		☐

SURVEY

Depth	Bearing	Inclination
12.2m	187°	-76°
71.6		-76°

LITHOLOGY, ALTERATION, MISC.

0-3.0 : Casing.

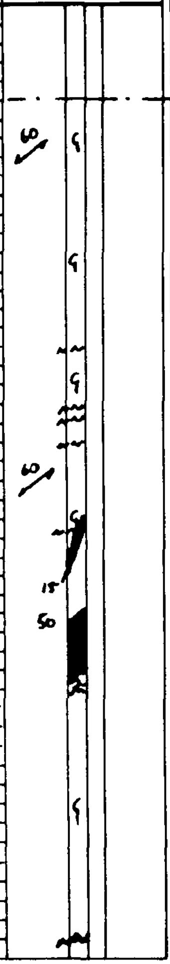
3.0-8.65 Granodiorite
(3.9-5.9) dk grn + white, foliated w granite texture still visible

(6.1-8.65) intense foliation obliterates granite texture. low angle gstr @ 7.5-8.1 m

8.65-9.4: Qtz Vn: Translucent white qtz w local grdr bx. HW fairly sharp in strs. F.W in strs w local vugs. Mineralization in upper half

9.4-22.9 : Granodiorite : dk grn-gy + off white, foliated but granite texture visible. v. local qstrs. m.g. becoming f.g. downsection

GRAPHIC LOG



Depth: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

MINERALIZATION

Qstr - translucent white qtz w 1% py + tr. sp? Loc grdr bx. u.c. indistinct. L.C. sharp

Q.V.: 1% sx in upper .4m → py, po, or sp + cp? Tr sx in rest of section

RECOVERY

Run	%
3.0	
6.1	100
6.7	100
9.1	92

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
2011	7.5-8.1	0.6	0.20	4.2	241 / 183	16 / 3
2012	8.1-8.65	0.55	0.17	2.9	202 / 269	23 / 5
2013	8.65-9.1	0.45	0.18	4.2	296 / 102	15 / 2
2014	9.1-9.5	0.4	0.03	0.2	47 / 109	21 / 2

BOX

DDH: 89-12

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LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(21.2-22.9) - i - foliation obliterates more granitic texture. w- qtz strs, more abundant deformation

22.9 - 25.8 : Qtz Vn : white qtz w̄ loc chl patches + strs. Mineralization tends to occur in patches dominantly consisting of mg, lesser po + py ± local cp. Slightly more minerals in upper half. HW @ 55° FW @ 70°

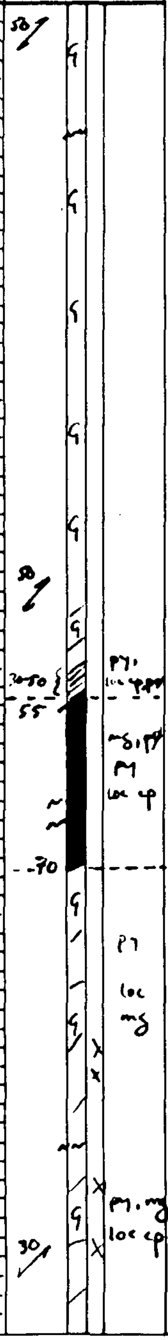
25.8 - 35.4 Granodiorite - med gy w̄ faint grn tones + white. Strong granitic texture. v. faint foliation. 10-15% mafics → dominantly biotite xls (≤ 5 mm. dia) w- qtz strs - Diss py + loc mg

(25.8 - 26.1) i - foliation

Depth

12
15
18
21
24
27
30
33

GRAPHIC LOG



MINERALIZATION

Qtz strs. ≤ 5mm wide, ~1% sx : py + loc cp + loc po

QV : loc. chlorite, white qtz. ~ 1-3% sx : mg, po, py minor cp.

Diss py + loc mg

w- qtz strs w̄ diss py, lesser mg ± local cp in strs + grdr.

RECOVERY

Run	%
12.2	
15.2	100
18.0	100
21.3	100
23.5	100
24.4	100
27.4	97
30.2	100
30.5	98

ANALYTICAL PPM

Sample	Interval to	width	Au g/T	Ag g/T	Cu/Zn	Pb/W
26470	20.9-22.3	1.4	0.16	2.1	110/101	17/8
2015	22.3-22.9	0.6	2.37	22.0	850/158	24/4
2016	22.9-23.4	0.5	2.52	20.2	207/30	12/3
2017	23.4-23.9	0.5	2.43	24.0	600/37	27/2
2018	23.9-24.4	0.5	2.91	27.8	425/34	21/9
2019	24.4-24.9	0.5	2.40	18.0	334/31	14/3
2020	24.9-25.4	0.5	1.08	9.8	249/14	8/2
2021	25.4-26.1	0.7	0.81	9.8	236/331	19/2
2022	29.5-30.5	1.0	0.18	3.7	182/257	16/4
2023	30.5-31.5	1.0	0.22	4.0	231/224	18/2
2024	31.5-32.5	1.0	0.28	4.3	218/308	19/2
2025	32.5-33.5	1.0	0.19	2.1	142/91	20/2

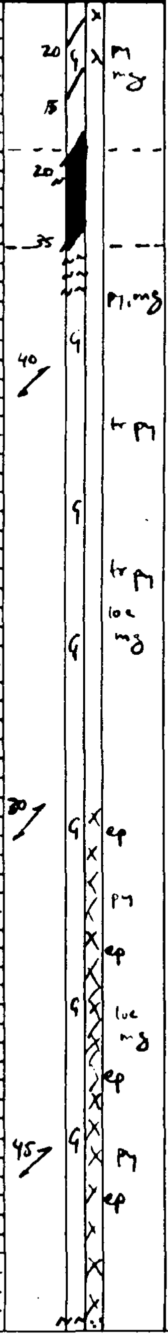
BOX

DDH: 89-12

Page 3 of 4

Depth	LITHOLOGY, ALTERATION, MISC.	MINERALIZATION
33	Granodiorite (cont)	1% py + <1% mg diss in grdr.
36	35.4-37.1: Qtz Vn: white qtz, slightly translucent + locally chloritic. HW sharp @ 20° FW @ 35° w grdr bx in lower 0.3 m.	QV: ~ 3-5% mg in patches concentrated mainly in middle of vn. ≤1% py. local cp
	37.1- Granodiorite - as described above qtz vn but slightly greener	
39		
42		
45	(45.7 - 52.3) weak to moderately foliated. Granitic texture is clouded v. local qtz strs. weak to local epidote strs. m-si - si	≤1% diss py. v. loc mg.
48		
50		
53	[52.8 - 53.6] w → badly broken locally crushed + calcite strs	

GRAPHIC LOG



RECOVERY Run	%
33.5	100
36.6	94
39.6	95
42.7	100
45.7	100
43.5	100
48.8	100
51.8	100

ANALYTICAL

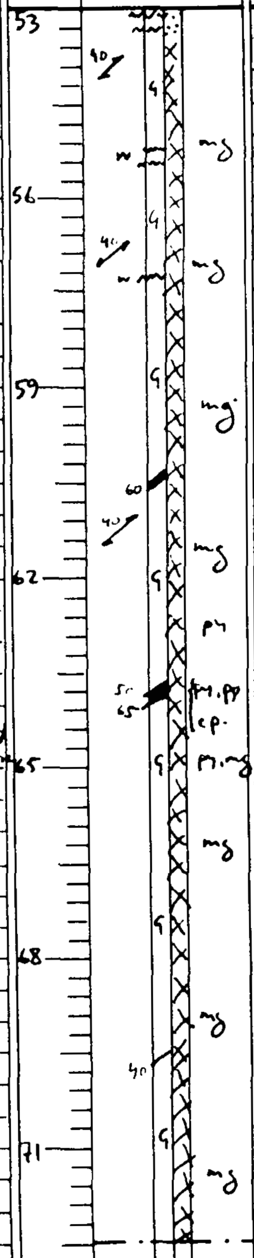
Sample	Interval to	width	Au g/t	Ag g/t	Cu / Zn	Pb / W
2026	35.4-36.0	0.6	0.89	13.6	407 / 19	8 / 2
2027	36.0-36.6	0.6	0.41	5.9	198 / 136	28 / 3
2028	36.6-37.1	0.5	8.49	73.2	1025 / 1725	34 / 3
2029	37.1-38.1	1.0	0.06	1.7	94 / 71	23 / 2

BOX

DDH: 89-12

Page 4 of 4

LITHOLOGY, ALTERATION, MISC.	MINERALIZATION
Granodiorite (cont) (52.3 - 64.5) dk grn-gy w minor off white streaks & specks. Clouded texture, foliated. w- Si. Local qstrs	Diss mg in grdr
(63.8 - 64.0) Qstr: white qtz, chlorite & mineralized. Possibly correlates w vn near bottom of 89-11. HW @ 50°, FW @ 65°	Qstr chloritic w 3-4% sx in patches: py, po & cp.
(64.5 - 72.5) · dk grn-gy & off white grdr, v. weakly foliated. Texture still clouded, but granitic texture locally visible. Fldsp xls are v. weakly sericitized. Disseminated mg.	1-2% py & mg diss in grdr for ~1 m. diss mg in grdr, loc py.
E.O.H. 72.5m.	

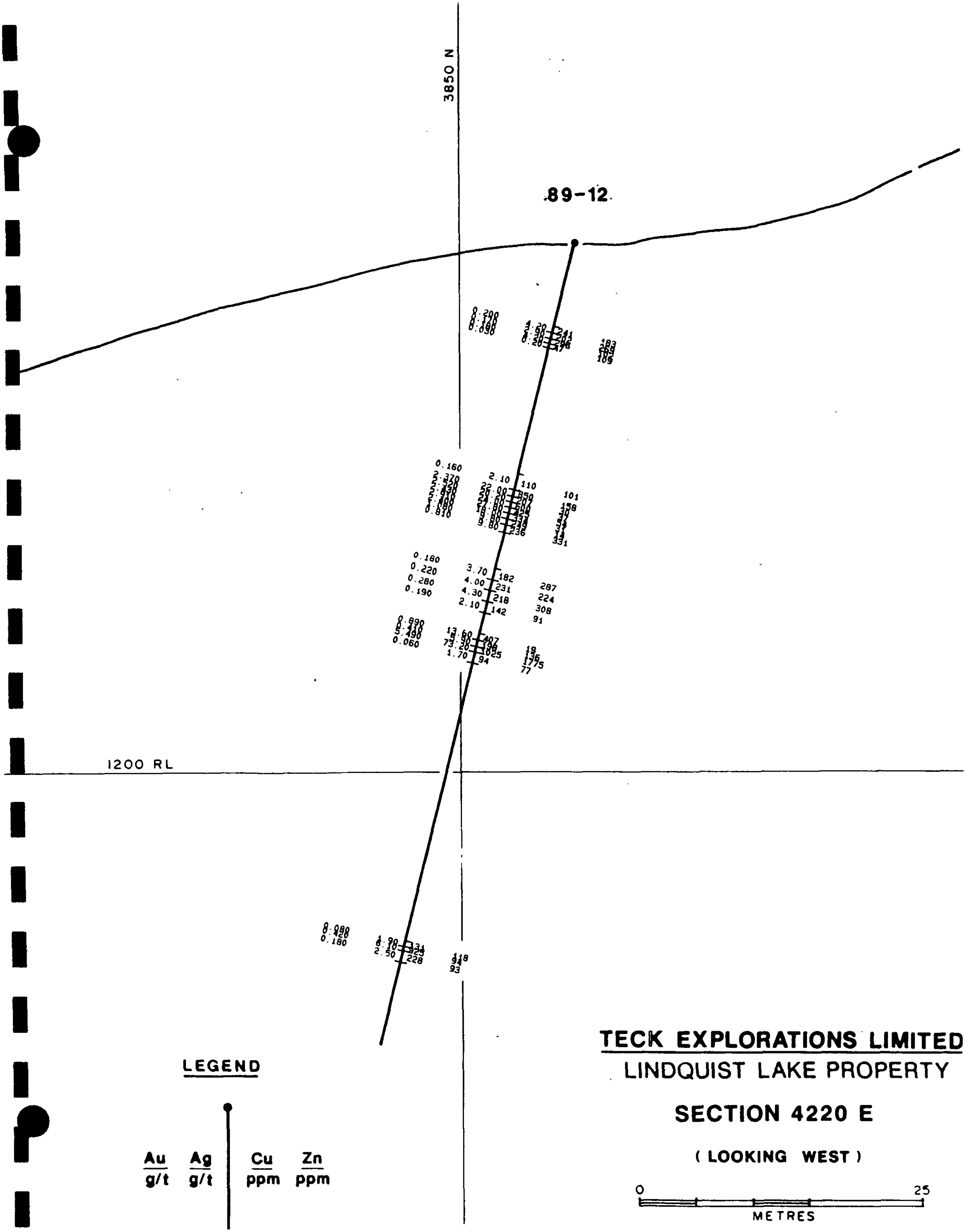


RECOVERY Run	%
54.9	98
57.9	100
61.0	93
64.0	100
67.1	97
70.1	100
72.5	100

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
2030	63.2-63.7	0.5	0.08	1.9	131 / 118	21 / 2
2031	63.7-64.1	0.4	0.42	6.1	925 / 94	26 / 2
2032	64.1-65.1	1.0	0.18	2.5	228 / 93	19 / 2

BOX

DDH: 89-12



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4220 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2005 N 5179 E
Coord.- Collar N: 3864.74
E: 4212.27
Elev.- Collar: 1246.18
Date Started: Aug 29/89
Date Completed: Aug 31/89
Hole No.: 89-13
Bearing at collar: 360°
Inclination at collar: -75°
Length: 68.9
Core Size: BQ Thinwall
Logged By: A.J. Pardoe

LEGEND

Granodiorite	G	sericite	⁘
Quartz	▨	Silica	☒
	☐	epidote	Ep
	☐	potassic alt'n	K

SURVEY

Depth	Bearing	Inclination
9 m	362°	-75°
68 m		-75°

LITHOLOGY, ALTERATION, MISC.

0-3.0 : Casing

3.0-30.8 Granodiorite

(3.0-9.1) dk grn-gy + white, foliated, but granitic texture locally visible several w→badly broken sections

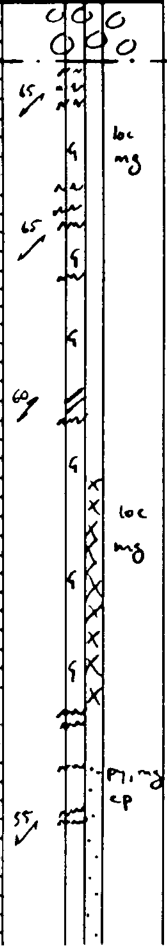
(9.1-9.7) i-foliated, medium brown-gy colored. w-qtz mlts sub // to foliation

(9.7-14.2) dk grn-gy + white, granitic texture visible + white minerals more prominent. m-i si.

(14.2-19.0) clouded texture, moderate m-int. foliation destroys most granitic texture. m→i Si below 17.2 v. local qtz strs. w-sericite

Depth 2, 5, 8, 11, 14, 17

GRAPHIC LOG



MINERALIZATION

v. loc diss mg.

weak qtz strs + qtz flood, loc. badly broken. (2% sx : py (locally c.g.), loc mg, loc cp.

RECOVERY

Run	%
3.0	
5.8	29
8.8	87
11.9	89
14.9	85

ANALYTICAL

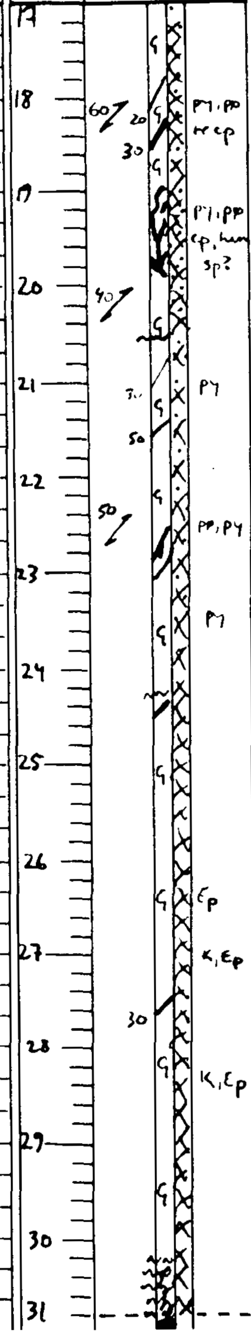
Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
2052	14.0-14.9	0.9	0.01	7.0	93 / 112	18 / 3

BOX

DDH: 89-13

Page 2 of 4

LITHOLOGY, ALTERATION, MISC.	MINERALIZATION
Granodiorite (cont)	
(19.0 - 20.0) - med → dk gy, foliated, i - Si, m - sericite, med → locally abundant qtz strs ῶ erratic orientations	loc. qtz strs. <1% sx in strs + grdr: py, loc po tr cp. Qstrs: erratic, white ῶ 1-3% sx: py, po, cp, hem. tr sp?
(20.0 - 24.2) - as above str zone, but texture less clouded + foliated granitic texture generally visible	
(24.2 - 30.8) med → dk grn-gy, good granitic texture, i - Si, v. local pottassic altⁿ + epidote strs. v. local qtz strs increasing to weak / moderate below 29.9 m Badly broken + mod. clay altᵈ in upper 0.5 m. Badly broken in bottom 0.5 m	Diss 1-2% py in slc zone



RECOVERY Run	%
18.0	81
20.7	96
21.6	100
24.1	90
27.1	98
30.2	97

ANALYTICAL

Sample	Interval to	width	Au g/T	As g/T	Cu / Zn (PPM)	Pb / W (PPM)
2053	18.0-19.0	1.0	0.19	10.0	245 / 135	9 / 2
2054	19.0-19.5	0.5	2.20	48.2	770 / 1035	12 / 29
2055	19.5-20.0	0.5	3.89	99.0	750 / 2670	13 / 1750
2056	29.9-308	0.9	0.40	12.4	326 / 328	5 / 67

BOX

DDH: 89-13

LITHOLOGY, ALTERATION, MISC.

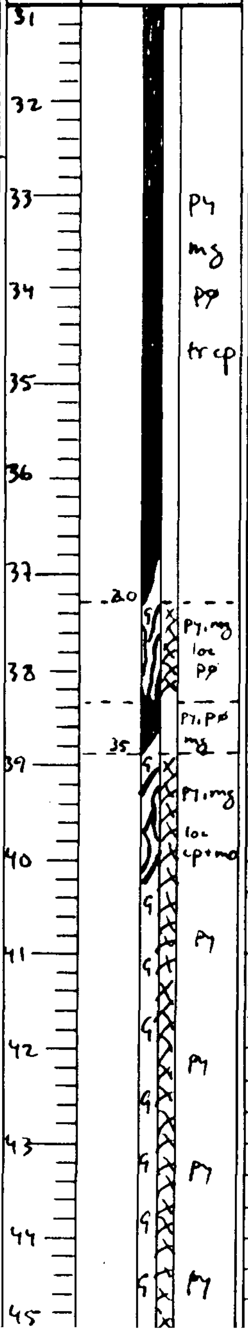
30.8 - 37.3: Qtz Vn: white qtz cut by chlorite vnlts below 33.5m. Weakly broken throughout. Patchy mineralization which is strongest in section c̄ chlorite vnlts. HW is distinct in broken core + strs. FW @ 20°

37.3 - 38.4: Granodiorite - pale gy, clouded granitic texture. i-Si low angle qstrs are ~50% of core < 5% mafic minerals

38.4 - 38.9: Qtz Vn: similar to larger vn described above. HW in strs, FW @ 35°

38.9 - 68.9: Granodiorite - pale gy, clouded granitic texture, i-Si, diss py (~1%). < 5% mafics (38.9 - 40.3) moderate erratic qstrs.

Depth / GRAPHIC LOG



MINERALIZATION

Qtz Vn c̄ loc chl and massive patches of py. mg + pp. v. loc tr cp. 1-4% sx.

Qtz

Qstr Zn in grdr: 1 → locally 2% sx c̄ py + mg - loc pp

Qtz Vn: same as main vn, 2-3% sx: py, pp, mg.

Qstr Zn: dis py + mg (1-2%) + v. loc cp + mo (tr.)

RECOVERY

Run	%
33.2	92
36.3	100
36.9	100
39.3	100
42.4	100

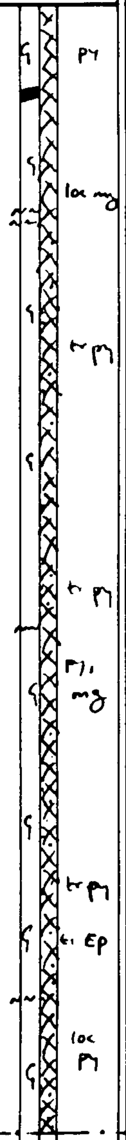
ANALYTICAL

					PPM			
Sample	Interval to	width	Au g/T	Ag g/T	Cu	Zn	Pb	W
2057	30.8-31.7	0.7	0.19	4.7	18	33	6	4
2058	31.7-32.6	0.9	0.14	4.5	14	43	4	2
2059	32.6-33.5	0.9	0.02	4.6	40	38	5	2
2060	33.5-34.1	0.6	0.01	3.7	25	48	7	2
2061	34.1-34.7	0.6	0.02	4.0	260	131	15	2
2062	34.7-35.3	0.6	0.07	3.4	20	55	3	3
2063	35.3-35.9	0.6	0.78	11.8	11	42	6	2
2064	35.9-36.6	0.7	0.05	4.4	12	26	5	2
2065	36.6-37.3	0.7	0.04	6.0	135	150	14	2
2066	37.3-38.4	1.1	0.16	5.0	44	26	4	3
2067	38.4-38.9	0.5	0.04	4.1	98	59	5	2
2068	38.9-39.6	0.7	0.01	2.7	81	20	8	2
2069	39.6-40.3	0.7	0.02	2.0	39	25	5	2

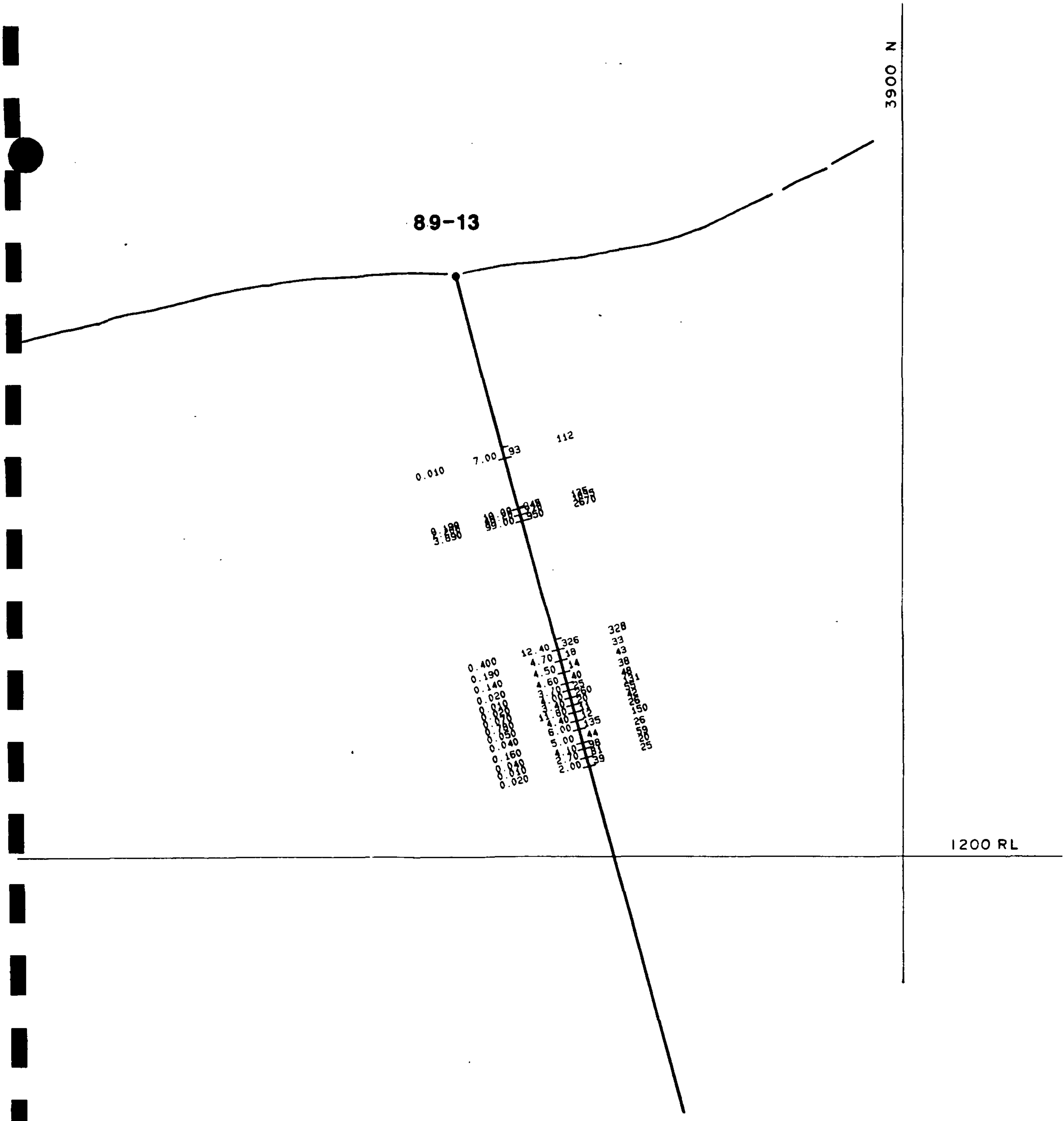
BOX

DDH: 89-13

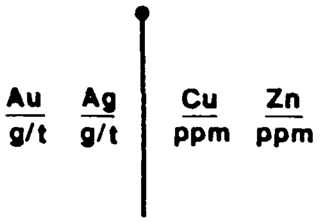
Page 4 of 4



LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	ANALYTICAL Interval to	ANALYTICAL width					BOX
Granodiorite (cont.)	45			45.4	100								
	47												
				48.5	100								
	49												
	51			51.5	100								
	53												
				54.6	96								
	55												
	57			57.6	100								
(58.6 - 60.0) mod irregular qtzs ase ~ 25% of core diss py & minor mg	59		diss py + mg in qtzs										
	61			60.7	100								
(60.0-68.9) w- sericite													
	63			63.7	100								
	65												
	67			66.8	100								
	69			68.9	100								
E.O.H. 68.9m													DDH: 89-13



LEGEND



TECK EXPLORATIONS LIMITE

LINDQUIST LAKE PROPERTY

SECTION 4220 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 6

Property Deerhorn
Location LINDQUIST LAKE
GRID 2004 N 5367 E
Coord.- Collar N 3865.26
E 4398.73
Elev. - Collar 1225.77
Date Started Aug 31 / 89
Date Completed Sept 2 / 89

Hole No. 89-14
Bearing at collar south
Inclination at collar -45.5°
Length 104.8
Core Size BQ Thinwall
Logged By A.J. Pardoe

LEGEND

Granodiorite	G	Sericite	⁙
Quartz	▨	Quartz	☒
Mafic Dyke	M	Pottassic Alt'n	K
	☐		☐

SURVEY

Depth	Bearing	Inclination
58 m	180°	-45°

LITHOLOGY, ALTERATION, MISC.

0 - 2.1

2.1 - 21.8 Granodiorite : dk (grn) - gy w̄ minor white minerals. Locally alt'd by K so that white minerals are dominant over mafic. c.g → m.g. i - Si. Weakly foliated

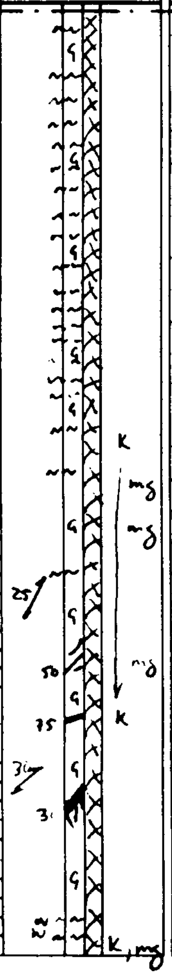
(2.1 - 6.5) mod → badly broken, local sheared surfaces

(6.5 - 9.8) w → mod K (?) alt'n lightens core local pink Kspar diss mg. in upper half of section

(9.8 - 11.9) v. dk clouded texture. Weakly broken in bottom 0.3 m.

Depth z: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

GRAPHIC LOG



MINERALIZATION

Diss. mg.

loc white qtz strs/vnlts w̄ mg + py

Qtz str : white qtz, grds is strongly foliated either side : 1% diss py + loc moly
1-2% diss py, loc mg in grdr

RECOVERY

Run	%
2.1	
3.66	32
5.5	85
8.5	94
11.6	100

ANALYTICAL

Sample	Interval to	width	Au $\frac{}{}$ S/T	Ag S/T	Cu / Zn (PPM)	Pb / W (PPM)
2082	9.2-10.2	1.0	0.16	1.0	78 / 18	13 / 4
2083	10.2-10.7	0.5	0.04	0.3	86 / 52	14 / 4
2084	10.7-11.9	1.2	0.02	0.6	98 / 79	13 / 2

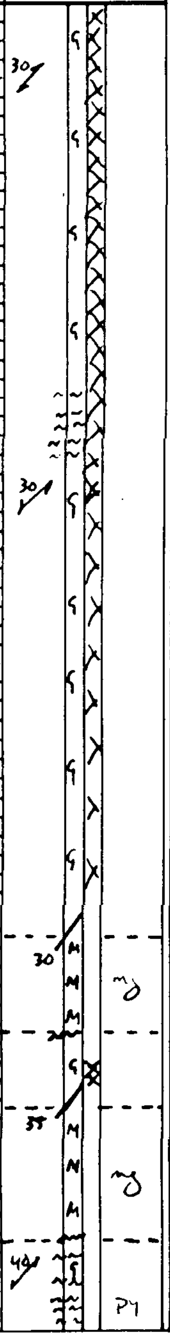
BOX

DDH: 89-14

Page 2 of 6

LITHOLOGY, ALTERATION, MISC.	Depth
Granodiorite (cont.)	12
	13
	14
	15
	16
	17
(17.4- 21.8) mod decreasing to w-Si downsection	
	18
	19
	20
	21
21.8- 22.9 - Mafic Dyke : dk gy c̄ faint grn tone and small (< 1mm dia) white specks. Easily scratched. H.W slightly irregular @ 30°. F.W in broken core	22
22.9- 23.7 : Granodiorite : dk grn-gy, clouded texture. w → i-Si downsection	23
23.7 - 25.1 : Mafic Dyke - as described above. HW sharp @ 35°, FW in broken core. Magnetic	24
25.1 - 26.0 : Granodiorite - dk gy c̄ faint off white specks becoming light grn-gy in lower 0.6m. Strong Si. foliation mod → locally badly broken c̄ minor gouge	25 26

GRAPHIC LOG



MINERALIZATION

10cm piece of white-gy fractured qtz. Loc py

RECOVERY	
Run	%
14.6	100
17.7	100
20.7	100
23.8	100

ANALYTICAL						
Sample	Interval to	width	Au g/T	Ag g/T	Cu % / Zn	Pb / W
2085	25.1 - 26.0	0.9	0.03	1.5	108/99	19/5

BOX

DDH: 89-14

LITHOLOGY, ALTERATION, MISC.

26.0 - 27.3: Qtz Vn: white ± minor translucent gy qtz, cut by fine fractures. Local w-chl and sx in fractures. H.W in broken core, FW ends w qtz extending ~30 cm sub// to C.A. 20 cm section of grds @ 26.4 - 26.8 m w u.c. sub ⊥ ; sheared and L.C. sharp @ 25°.

27.3 - 36.7: Granodiorite: pale gy w clouded granite texture. < 3% mafic minerals. i - si

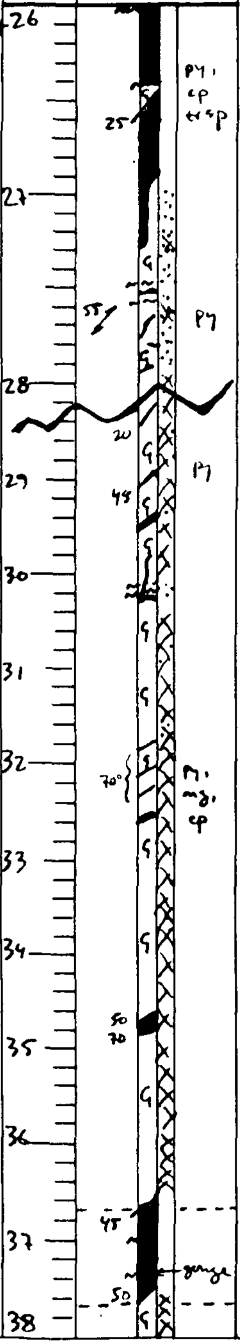
(27.3 - 28.1) m→i sericite, w - Si, w-qtz moderately broken. Foliated

(28.1 - 30.3) : i - Si, local w-Si, m→ locally i - sericite weak white qtz strs. Badly broken w minor gouge in bottom 35 cm.

36.7 - 37.7: Qtz Vn: white qtz w minor highly attenuated grdr bx. HW @ ~45° FW @ 50°. Broken w arched surfaces @ 37.1, clay gouge (no qtz) @ 37.55 - 37.6

37.7 - 38.5: granodiorite - as described above qtz vn

Depth / GRAPHIC LOG



MINERALIZATION

Q.V. : ~ 2% sx : f.g. ± c.g. py, minor cp, tr. sp(?) ± dk mineral (hessite ??) Loc sections of barren qtz

w - qtz strs in grdr, ~1% diss py. minor chl strs ± w - gy qtz @ 30.2 - 30.3.

W qtz strs ; white w py, mg. ± loc cp. Loc py diss in grdr.

qstr : white qtz w local weak gy patches. Mod. grdr bx. < 1% py.

Barren qtz vn

RECOVERY

Run	%
26.8	100
29.9	100
32.9	100
36.0	100

ANALYTICAL (PPM)

Sample	Interval to	width	Au g/T	As g/T	Cu / Zn	Pb / W
2086	26.0 - 26.6	0.6	0.21	4.0	388/30	28/2
2087	26.6 - 27.2	0.6	0.04	0.2	450/18	7/2
2088	27.2 - 28.3	1.1	0.01	0.1	117/47	13/2
2089	28.3 - 29.3	1.0	0.02	0.1	54/35	14/3
2090	29.3 - 30.3	1.0	0.04	1.1	198/46	16/2
2091	30.3 - 31.8	1.5	0.02	1.8	116/38	14/3
2092	31.8 - 32.8	1.0	0.18	0.1	83/22	13/3
2093	34.65 - 35.0	0.35	0.01	3.7	30/27	22/2
2094	35.0 - 36.0	1.0	0.02	5.0	20/37	26/2
2095	36.0 - 36.7	0.7	0.01	4.2	11/32	17/2
2096	36.7 - 37.7	1.0	0.03	10.8	253/30	110/2
2097	37.7 - 38.5	0.8	0.06	3.9	48/51	14/2

BOX

DDH: 89-14

Page 4 of 6

LITHOLOGY, ALTERATION, MISC.

granodiorite cont

38.5 - 41.1 : Mafic Dyke : v. dk gy, aphanitic w̄ small (<1 mm dia) off-white specks. HW @ 75°, FW sub-// to CA for ~ 20 cm

41.1 - 44.9 : Granodiorite - pale gy, clouded granite texture. i-Si, w-K. ≤ 3% mafic minerals. W - qtz's in upper 1.5 m and 30 cm wide white qtz, @ bottom of section

44.9 - 45.7 : Mafic Dyke a. previously described. HW @ ~25°. FW @ 40°

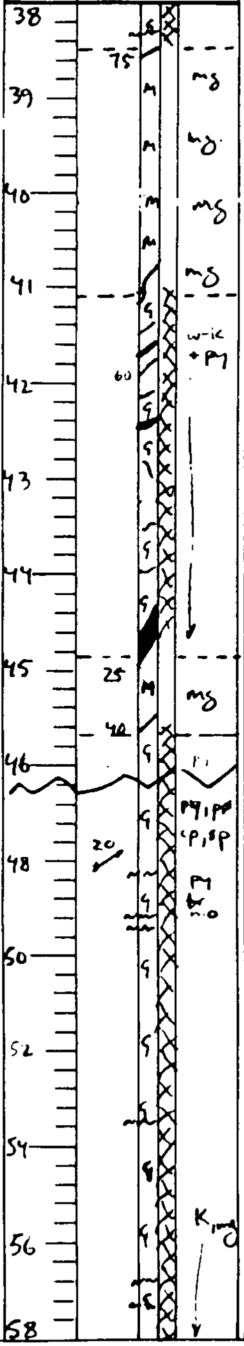
45.7 - Granodiorite

(45.7 - 48.0) pale gy w̄ <3% grn-blk mafics in upper 50 cm. Slightly darker w̄ ≤ 8% blk mafics in rest of section. i-Si, clouded granite texture Loc. foliation

(48.0 - 53.5) pale + med grn, clouded granite texture. V. local strong foliation i-Si. Local w-K alt^n becoming more consistent downsection. Faults @ 48.4 m and 49.1 - 49.5 m. Gouge @ 53.5 m.

(53.5 - 58.2) light grey to pale pink and pale grn tones. Good granitic texture. W→mod K alt^n, i-Si

Depth / GRAPHIC LOG



MINERALIZATION

Diss mg. in dyke

w→mod white qtz's w̄ diss py + loc po

diss py in grdr

Qtz: white, 30 cm width

1% diss Sx in grdr (esp. more mafic areas): f.g. diss + v. local small patches: py ± local po, cp, sp?

<1% diss py, local diss. mo. Local tr sp @ top of section.

w→mod diss mg in grdr

RECOVERY

Run	%
38.7	100
39.9	100
42.1	100
45.1	100
48.2	96
51.2	100
54.25	100
57.3	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	PPM Pb / W
2098	41.1-42.6	1.5	0.39	10.0	109 / 58	5 / 3
2099	42.6-43.8	1.2	0.05	3.7	50 / 41	2 / 2
2600	43.8-44.9	1.1	0.20	5.6	75 / 33	2 / 4
26001	44.9-45.7	0.8	0.01	4.0	47 / 167	14 / 2
26002	45.7-46.9	1.2	0.19	5.8	159 / 54	10 / 5
26003	46.9-48.0	1.1	0.02	4.7	48 / 82	8 / 8
26004	48.0-49.2	1.2	0.07	5.6	85 / 1015	65 / 3
26005	49.2-50.4	1.2	0.04	4.0	356 / 65	14 / 2

BOX

DDH: 89-14

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(58.2 - 65.3) m→i foliation. m→i sericite, i-Si. No visible K altn. Moderate to weakly broken above 60.4.

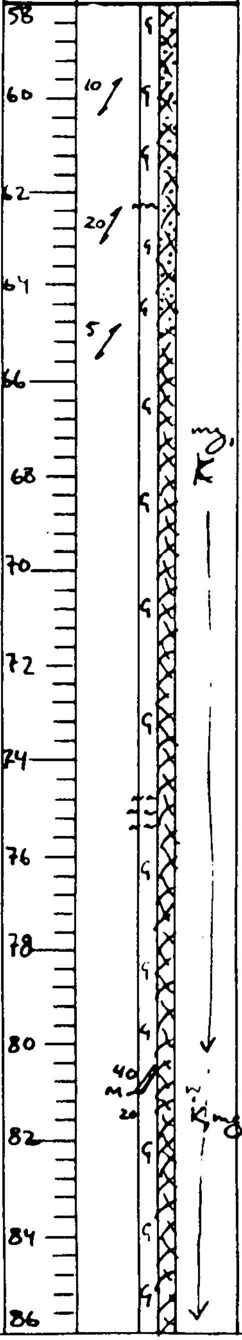
(65.3- 66.8) - light grey, ii clouded texture. i-Si

(66.8- 82.8) w→mod K altn, i→loc mod Si, as above foliated section.

71.8 - 75.6: mod. broken ō loc minor clay

80.9 - 81.0: Mafic dyke - as previously described. HW @ 40°, FW @ 20°

(82.8 - 92.1) speckled med gy ≠ dk grn. 10-15% mafics. Good granite texture m-Si. Faint to weak K altn



MINERALIZATION

Diss mg. (67)

Diss mg. (83)

RECOVERY		ANALYTICAL		
Run	%	Sample	Interval to	width
60.4	100			
63.4	100			
66.4	100			
69.5	100			
72.5	100			
75.6	92			
78.6	100			
81.7	100			
84.7	100			

BOX

DDH: 89-14

Page 6 of 6

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont.)

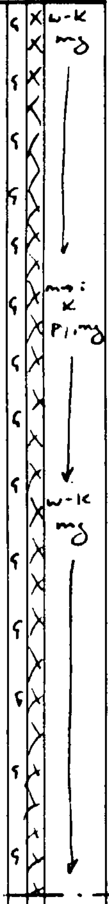
(92.1 - 96.6) mod. to local i-K alt'y mafics & slightly

(96.6 - 104.8) w→ faint K alt'y

E.O.H. 104.8m

Depth 86, 88, 90, 92, 94, 96, 98, 100, 102, 104

GRAPHIC LOG



MINERALIZATION

Diss py + mg

RECOVERY

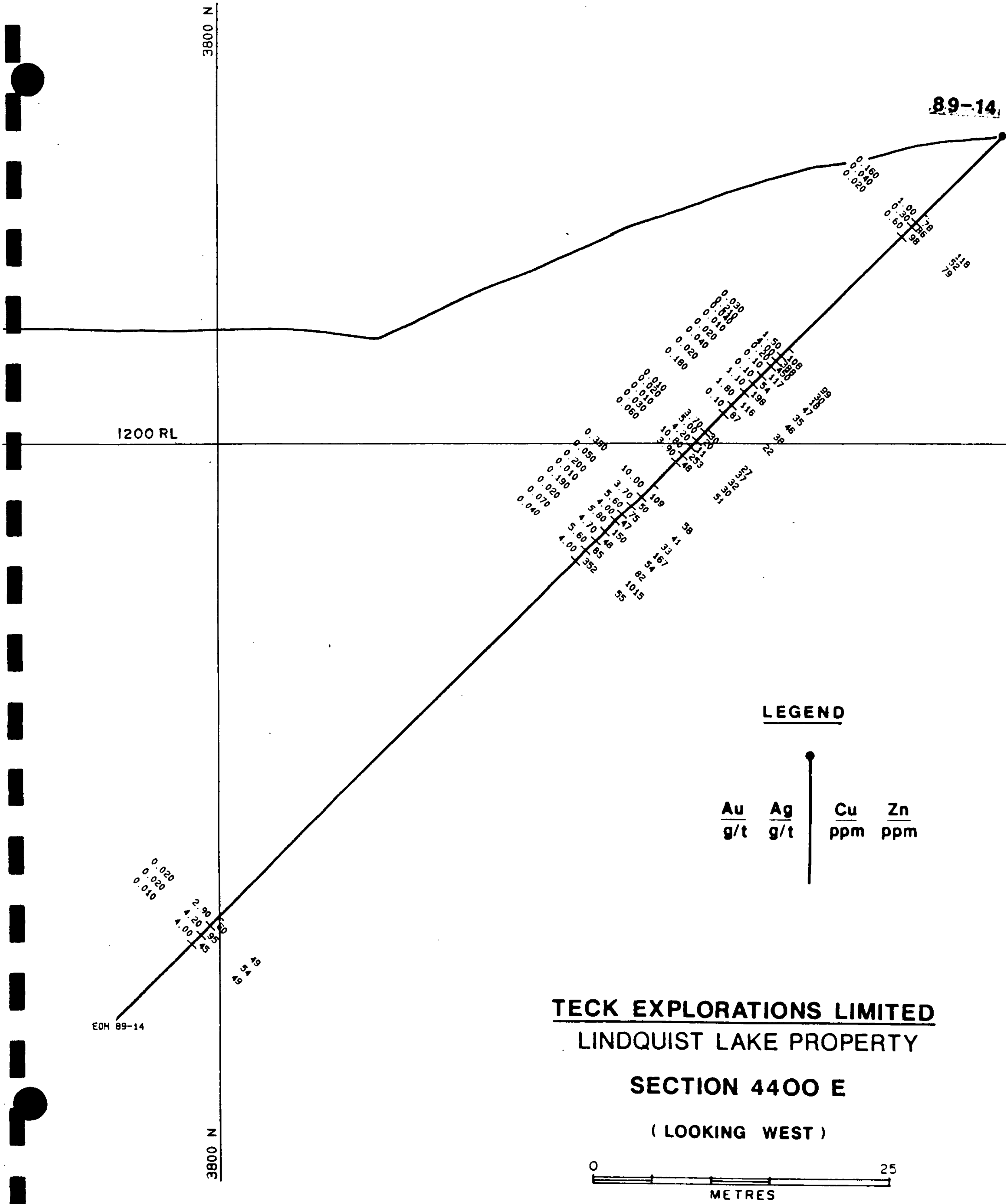
Run	%
87.8	
90.8	
93.9	
96.9	
100	
103	
104.8	

ANALYTICAL (PPM)

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
26006	92.5-93.6	1.1	0.02	2.9	60 / 49	7 / 650
26007	93.6-94.7	1.1	0.02	4.2	95 / 54	12 / 3
26008	94.7-95.8	1.1	0.01	4.0	45 / 49	6 / 3

BOX

DDH: 89-14



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4400 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2004N 5367E
Coord.– Collar N: 3865.26
E: 4398.73
Elev.– Collar: 1225.77
Date Started: Sept 2/89
Date Completed: Sept 3/89
Hole No.: 89-15
Bearing at collar: south
Inclination at collar: -60
Length: 60.4m
Core Size: BQ Thinwall
Logged By: A.J. Pardoe

LEGEND

Granodiorite	G	sericite	⁙
Quartz	▨	silica	☒
Mafic Dyke	m	pottassic alt'n	K
	☐		☐

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.

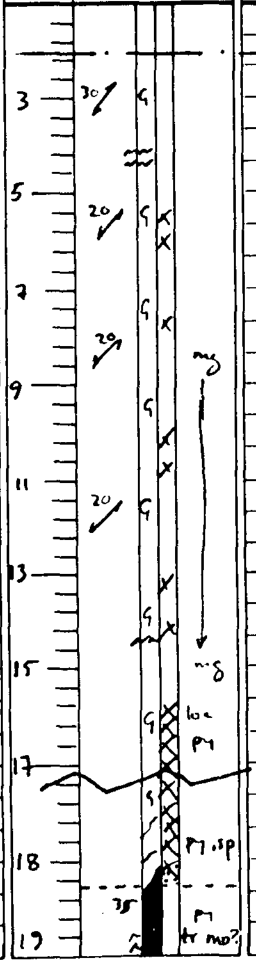
0-2.1 : Casing

2.1 - 18.3 Granodiorite
(2.1 - 15.8) speckled dk grn-gy + off-white, ~35% mafics. Foliated, very local. - foliation obscures granite texture. w + local mod. Si.

(15.8 - 18.3) Felsics ↑, clouded granite texture, no discernable foliation. i-Si

18.3 - 19.0 : Qtz Vn : white qtz w < 4%. alt'd gdr bx. HW @ ~35°, FW in broken core.

Depth / GRAPHIC LOG



MINERALIZATION

Diss mg. in gdr.

local diss py.

~1% diss py. loc sp in qtz units.

QV: < 1% sx : py + tr mo?/gl?

RECOVERY

Run	%
2.1	
5.2	80
8.2	100
8.8	100
11.9	100
14.9	100
18.0	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
26009	17.3-18.3	1.0	0.41	7.7	220/605	10/37
26010	18.3-19.0	0.7	1.44	16.1	106/45	7/6

BOX

DDH: 89-15

Page 2 of 4

LITHOLOGY, ALTERATION, MISC.

19.0 - 30.9 Granodiorite

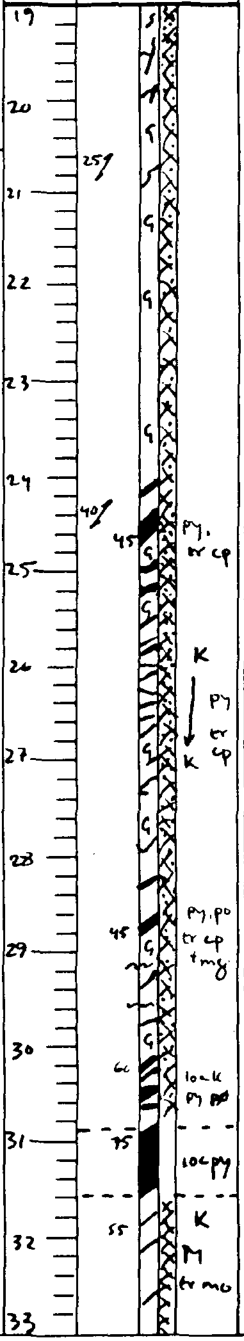
(19.0-24.1) - light → med grn-gy, locally gy w̄ brown zones in upper 1.2 m. Clouded granite texture, faintly foliated. (i - si, w-sericite), except near Q.V. which is m-sericite for ~0.5 m. Weak to locally moderately broken, generally along shear surfaces. Local irregular qtzs; esp in upper 1.1 m

(24.1 · 30.9) pale grey w̄ faint grn tone. Foliated in upper 1 m. i - si, m → local i : sericite. Local w → m K altn @ 25.8 - 27.1. Moderate qtzs, < 2% mafic minerals.

30.9 - 31.6: Qtz Vn: Bull white qtz contacts @ 75° to C.A.

31.6 - 36.9: Granodiorite : pale gy w̄ local salmon pink zones. Local 5-7% mafics i - si. mod. to loc. w-K altn (mafics present in w-K) w-qtzs. Clouded

GRAPHIC LOG



MINERALIZATION

< 1% diss py. Local tr cp ~ po in qtzs.

Qsv : 25 cm white - minor gy qtz, 2% py (fg + s.g.) loc cp ~ dk gy mineral (hessite ?)

Qstr Zone : white qtzs. ~ ≤ 1% sx → py + loc. tr cp + dk gy mineral (hessite? mo?)

Qsv : 11 cm, white w̄ w-chl fractures + > 5% massive sx → py + po and lesser cp + mg

Qsvs : white + minor gy qtz. 2-3% sx diss + in massive pebbles → py + po

QV : loc py xls. < 1%.

< 1% py + loc tr mo diss in grdr + in local translucent white qtzs

RECOVERY / ANALYTICAL

Run	%	Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / N
		26011	19.0-20.0	1.0	0.52	8.3	194 / 151	10 / 230
		26012	20.0-21.0	1.0	0.74	7.4	144 / 90	9 / 25
21.0	99	26013	21.0-22.0	1.0	0.63	8.4	107 / 141	16 / 350
		26014	22.0-23.1	1.0	0.04	4.0	54 / 76	8 / 2
		26015	23.1-24.1	1.0	0.02	3.6	125 / 79	12 / 2
24.1	100	26016	24.1-25.0	0.9	3.08	38.0	225 / 198	47 / 2
		26017	25.0-26.0	1.0	0.10	2.7	51 / 23	37 / 3
		26018	26.0-27.0	1.0	0.21	2.7	88 / 28	28 / 2
27.1	100	26019	27.0-28.0	1.0	0.05	0.5	68 / 63	16 / 2
		26020	28.0-28.7	0.7	0.02	1.7	93 / 19	17 / 2
		26021	28.7-28.9	0.2	0.17	11.4	1150 / 52	23 / 16
		26022	28.9-30.2	1.5	0.06	0.9	33 / 13	21 / 2
30.2	95	26023	30.2-30.9	0.7	0.01	2.1	208 / 11	44 / 2
		26024	30.9-31.6	0.7	0.04	5.9	133 / 8	97 / 2
		26025	31.6-32.6	1.0	0.02	0.7	89 / 19	9 / 2
		26026	32.6-33.6	1.0	0.01	0.6	43 / 18	9 / 3

BOX

DDH: 89-15

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(36.6-36.9) foliated + cut by white qtz strs.

36.9 - 37.2 : Qtz Vn: white - gy qtz ū loc chloritic bx + patches of sx. Bx + sx give faint banded appearance HW + FW are - @ 75°

37.2 - 39.0 Granodiorite - pale gy + salmon pink ū local 1-3% dk grn mafics. Clouded ? granite texture. - Sr, m-K altⁿ. Local mod. sericite for 10 cm @ either end

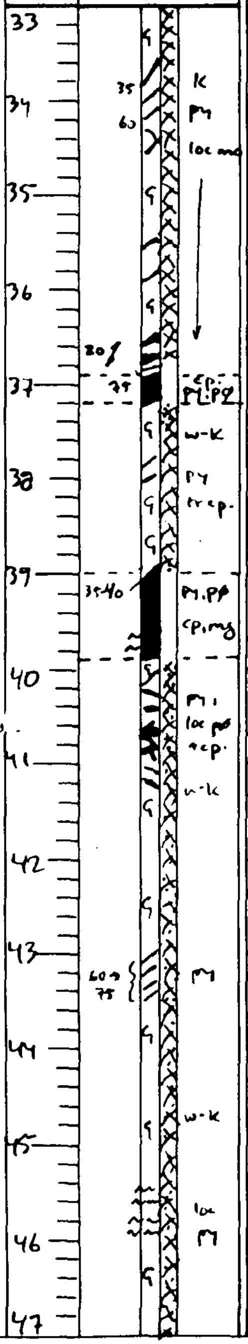
39.0 - 39.9 : Qtz Vn : white - sections of gy qtz HW @ 35-40°, FW in broken core. Minor chlorite on fractures, local qtz bx

39.9 - 60.4 : Granodiorite

(39.9 - 48.9) : pale gy ū local yellow tinge i-Sr, local w-K, w→mod sericite ≤ 3% dk grn mafics, clouded granite texture. Abundant qtz strs in upper 1.3 m. and @ 43.0-43.5

moderately broken ū pebbly gouge @ 45.4 - 46.0

Depth — GRAPHIC LOG



MINERALIZATION

Translucent white + gy qtrs ū random orientations ~1% py + loc mo

Q.V. : 3-4% sx : py, pØ cp

< 1% diss py, local tr. cp

Q.V. : Upper .25m is white mostly barren qtz. Rest of vein is gy + white qtz ū ~3% sx : py, pØ, cp, mg?

Qtz Zone : erratic white qtrs 1 - 3 cm wide. V. local gy qtz. 1% sx : py + local pØ + cp

< 1% diss py

Qtrs : white + translucent white qtz, strs ≤ 1cm wide. < 1% diss py

RECOVERY		ANALYTICAL					PPM	
Run	%	Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
33.2	100							
		26027	33.6-34.7	1.1	0.01	0.1	17 / 12	12 / 3
		26028	34.7-35.8	1.1	0.02	0.2	54 / 18	13 / 5
		26029	35.8-36.9	1.1	0.04	0.1	29 / 42	16 / 3
36.3	100							
		26030	36.9-37.2	0.3	4.13	47.4	2000 / 1235	44 / 14
		26031	37.2-38.1	0.9	0.05	1.1	84 / 18	13 / 9
		26032	38.1-39.0	0.9	0.09	1.7	102 / 21	28 / 4
38.7	98							
39.3	100	26033	39.0-39.45	0.45	0.41	6.3	900 / 18	14 / 13
		26034	39.45-39.9	0.45	0.21	4.9	109 / 10	39 / 2
		26035	39.9-41.1	1.2	0.82	8.3	155 / 12	23 / 11
		26036	41.1-42.3	1.2	0.14	0.3	43 / 18	9 / 4
42.4	100	26037	42.3-43.5	1.2	0.02	1.2	59 / 18	18 / 3
45.4	94							

BOX

DDH: 89-15

Page 4 of 4

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(48.9 - 57.2) pale gy w̄ faint granite texture locally visible. i - Si, mod - sericite. Local foliation. Local abundant qtz vns @ 49.7 - 51.5

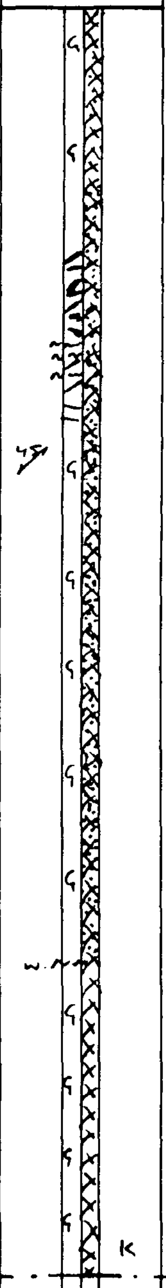
(57.2 - 60.4) light grey w̄ ± 4% mafics c.g. Granite texture, locally clouded. Texture clearer, mafics stronger & K alt'n ↑ dissemination. i - Si

E.O.H. 60.4 m

Depth

47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

GRAPHIC LOG



MINERALIZATION

Qtz vns: white - local translucent gy qtz vns, erratic but generally @ a moderate angle to C.A. Local c.g. - cubic py <1% py overall

RECOVERY

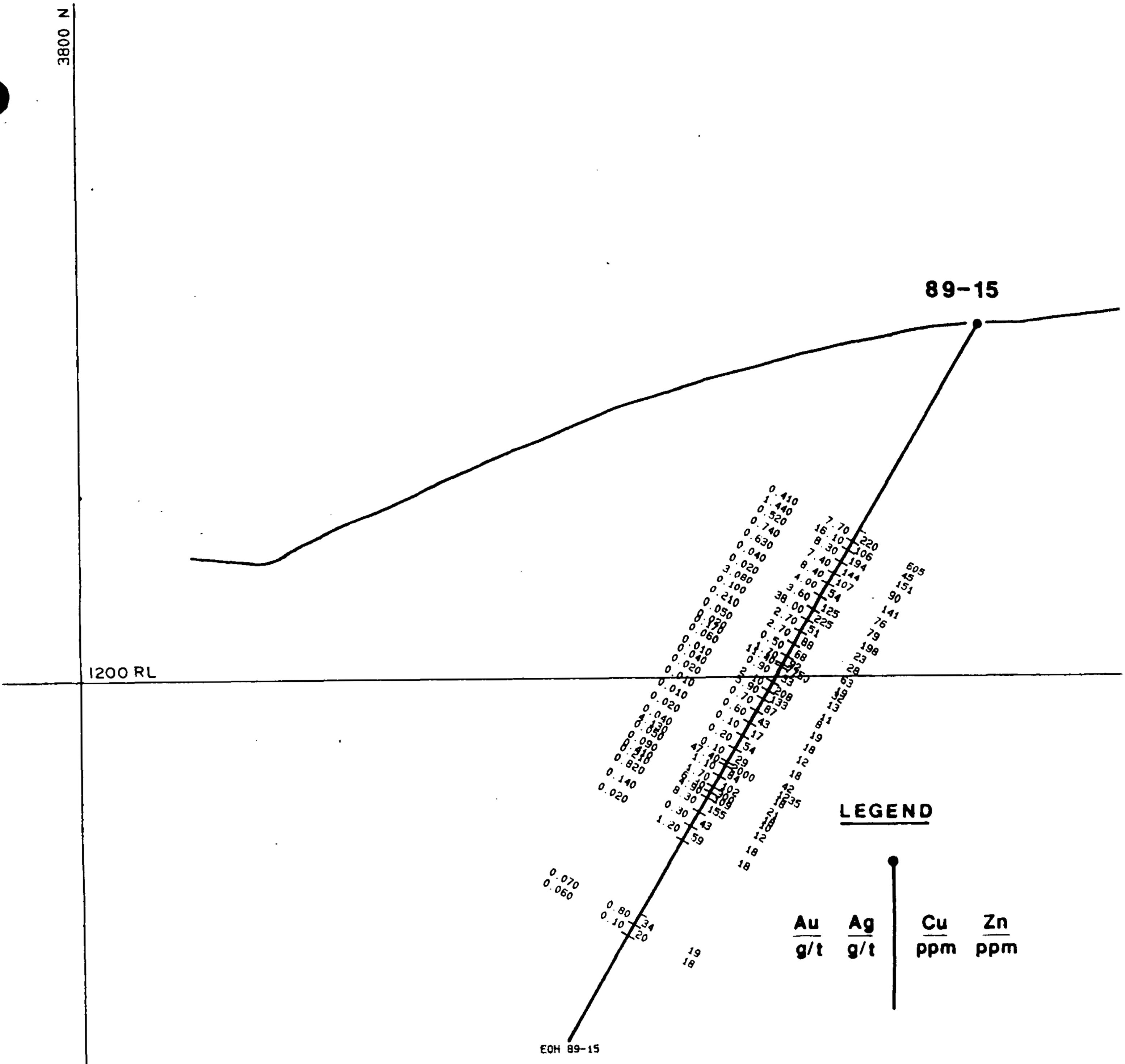
Run	%
48.5	100
51.5	99
54.6	100
57.6	100
60.4	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	PPM Pb/W
26038	49.7-50.6	0.9	0.07	0.8	34/19	24/6
26039	50.6-51.5	0.9	0.06	0.1	20/18	13/3

BOX

DDH: 89-15



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4400 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2004 N 5367 E
Coord. - Collar N 3865.26
E 4398.73
Elev. - Collar 1225.77
Date Started Sept 3/89
Date Completed Sept 5/89

Hole No. 89-16
Bearing at collar south
Inclination at collar -80
Length 67.7
Core Size BQ Thinwall
Logged By A.J. Pasdoe

LEGEND

Granodiorite	G	sericite	⁙
Quartz	▨	silica	☒
Mafic Dyke	M	potassic alt'n	K
	☐		☐

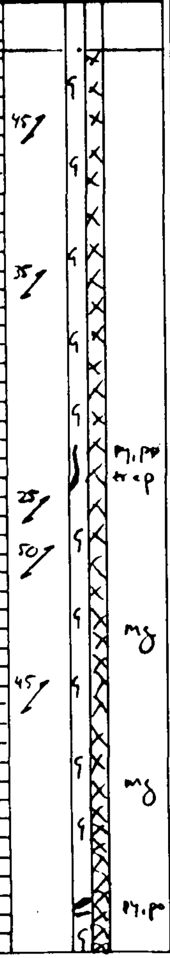
SURVEY

Depth	Bearing	Inclination
67		-80°

LITHOLOGY, ALTERATION, MISC.
0 - 1.8: Casing
1.8 - 25.6: Granodiorite
(1.8 - 10.8) light gy w <10% mafics (former biotite?) that vary from brown-gy to dk grn-gy in color. Foliated but granitic texture visible except @ 8.1 → 9.4 m where it is intensely foliated & cut by a low ∠ (sub// to CA) qtz vn upper 0.7m. mod - Si.
(10.8 - 13.7): dk grn-gy, white ~35% dk grn mafic minerals. Foliated w visible granite texture except @ 10.8 - 11.4. m → i - Si.
(13.7 - 20.0) med → dk grn-gy, no visible granite texture. Clouded appearance w foliation locally visible. i - Si.

Depth: 1, 4, 7, 10, 13, 16

GRAPHIC LOG



MINERALIZATION
Qtz vn: ~1.5cm wide, sub// to CA 1-2% sx: py, po, tr cp loc. chl.
Diss magnetite in grdr
Qtz vn w loc py & po

RECOVERY

Run	%
1.8	
3.0	92
6.1	90
9.1	99
12.2	96
15.2	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
26040	8.1 - 8.8	0.7	0.19	2.0	199 / 61	19 / 650
26041	8.8 - 9.4	0.6	0.09	0.3	118 / 89	19 / 22

BOX

DDH: 89-16

Page 2 of 4

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont.)

(20.0 - 22.6) dk grn + off white, ~ 40% mafic minerals (dominantly chloritized biot) Foliated but granite texture visible except in short sections of i-foliation. m-s loc i-Si

(22.6 - 25.6) md grn + white w̄ local salmon pink. Clouded granite texture. Mafics (~ 10-20%). w→ loc moderate K alt^y i-Si. Local i foliation in bottom 10 cm above qtz vn.

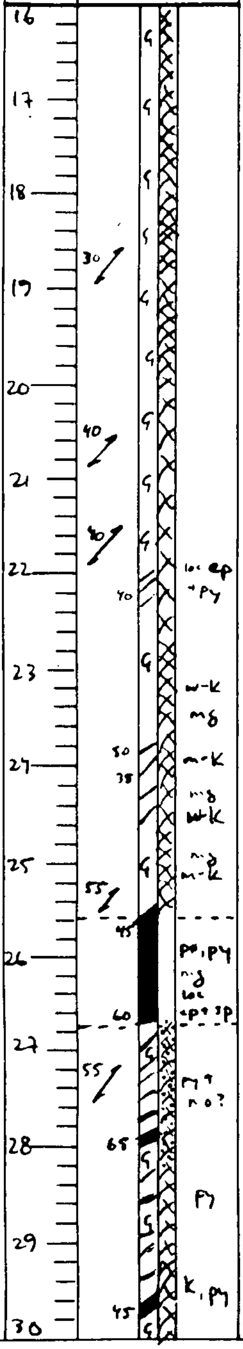
25.6 - 26.75 : Qtz Vn. white qtz, locally grey w̄ minor chlorite in areas of sx. Patchy mineralization concentrated on 20 cm either side of contacts. Fairly sharp contacts: HW @ 45°; FW @ 60°

26.75 - 41.0 : Granodiorite

(26.75 - 28.2) pale gy foliated no visible granite texture. i-Si, m-i sericite. Abundant qtz strs average 5-20 mm wide

(28.2 - 41.0) light gy & local salmon pink w̄ < 4% dk grn mafics. Glassy granitic texture. i-Si, mod K alt^n @ 29.6 - 38.8 m. Abundant qtz strs above 32.1 m becoming w→ local in rest of section

Depth **GRAPHIC LOG**



MINERALIZATION

Diss mg in K alt^d grdr

Q.V. : ~ 3% sx concentrated near contacts in patches. Py, po, mg, loc cp + sp. Loc. i-sericite grdr bx.

Qstrs - locally up to 20 cm wide to minor gy qtz. Most are 5-2 cm white qtz. ≤ 1% sx : py + mo(?)

Qstrs: white, up to 20 cm wide generally ≤ 1 cm wide. F.g. + c.g. py in strs + grdr ~ 1% overall.

RECOVERY	
Run	%
18.3	94
21.3	100
24.4	100
25.9	100
27.1	100

ANALYTICAL					PPM	
Sample	Interval to	width	Au g/T	As g/T	Cu / Zn	Pb / W
26042	24.7-25.6	0.9	0.10	1.7	79 / 68	18 / 2
26043	25.6-26.2	0.6	0.39	5.9	775 / 49	56 / 2
26044	26.2-26.75	0.55	6.68	66.0	440 / 169	38 / 2
26045	26.75-27.7	0.95	0.08	4.0	32 / 37	10 / 2
26046	27.7-28.8	1.1	0.04	3.9	72 / 19	6 / 2
26047	28.8-29.9	1.1	0.03	8.6	380 / 17	103 / 2

BOX

DDH: 89-16

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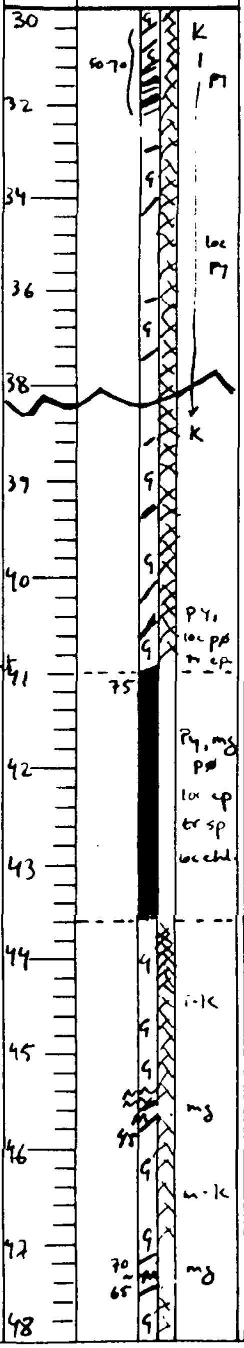
LITHOLOGY, ALTERATION, MISC.
Granodiorite
41.0 - 43.6: Qtz Vn: white and minor translucent pale gy qtz. Local silicified grd bx. Patchy mineralization, generally in areas of gy qtz, local w minor chl. Sections of barren white qtz. HW a bit vague @ 75° FW gradational into strs + i qtz flooded grd.
43.6 - 59.3: Granodiorite (43.6 - 51.0) light gy w varying amts of salmon-pink and ≤ 4% dk grn/blk mafics. (some xl shapes suggest former hbl.) i-Si. Variable K altn with a general trend from local i-K @ top of section to w-K @ bottom. Upper 0.6 m is intensely qtz flooded → possibly still part of vn?
→ 45.6-45.8: mafic dyke: light, muddy grn-gy, aphanitic u.c. in broken core. L.C. @ 25°
→ 47.2-47.6: mafic dyke - as above but w local chaotic folded texture



Depth	MINERALIZATION
40	loc. white qstrs. <2% diss sx - py + loc pø + loc tr cp.
41	Q.V. Patchy sx, ~2% overall, among local concentrations of 4-6%. Py, mg, pø loc cp, tr sp. Local chlorite.
44	i - qtz flood/strs, ~1% diss py
46.5	weak mg in dykes

RECOVERY Run	%
30.2	100
33.2	100
36.3	100
39.3	100
42.4	100
45.4	100

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
26048	29.9 - 31.0	1.1	0.07	2.7	39 / 19	8 / 3
26049	31.0 - 32.1	1.1	0.01	2.9	33 / 20	2 / 2
26050	39.9 - 41.0	1.1	0.03	2.5	162 / 24	3 / 14
26051	41.0 - 41.7	0.7	0.01	2.6	14 / 9	4 / 2
26052	41.7 - 42.4	0.7	0.02	4.0	179 / 10	8 / 2
26053	42.4 - 43.0	0.6	0.01	2.7	350 / 40	8 / 2
26054	43.0 - 43.6	0.6	0.02	13.5	249 / 22	130 / 3
26055	43.6 - 44.2	0.6	0.02	2.6	70 / 16	9 / 2

BOX

DDH: 89-16

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(51.0 - 59.3) pale grey, clouded texture locally foliated, locally faint granite texture. V local mafic minerals i-Si, w→loc m-sericite. weak to local mod white qtz strs (≤2cm width).

59.3-59.75: Qtz Vn: white qtz, H.W in broken core, FW @ 25°

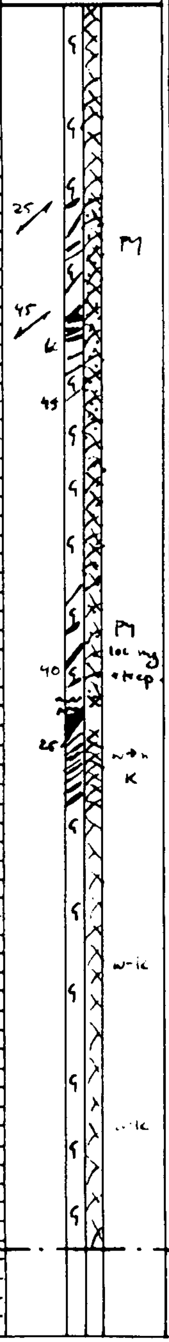
59.75-67.7: Granodiorite: pale gy w alternating salmon pink + pale grn tones. <3% mafic minerals. w-mod Si, local w-k altⁿ.

(59.75-60.65) - pale salmon pink + off white. w→m-K altⁿ, i-Si. cut by abundant qstrs.

E.O.H 67.7

Depth
48
51
54
57
60
63
66

GRAPHIC LOG



MINERALIZATION

White qtz strs - variable orientations. <1% diss py

Qstrs - weak, white. ≤1% diss py, loc mg. loc tr sp

Q.V. - barren.

Qstrs - white→translucent. 1% diss py + tr mo/gl? in strs + K altd grdr

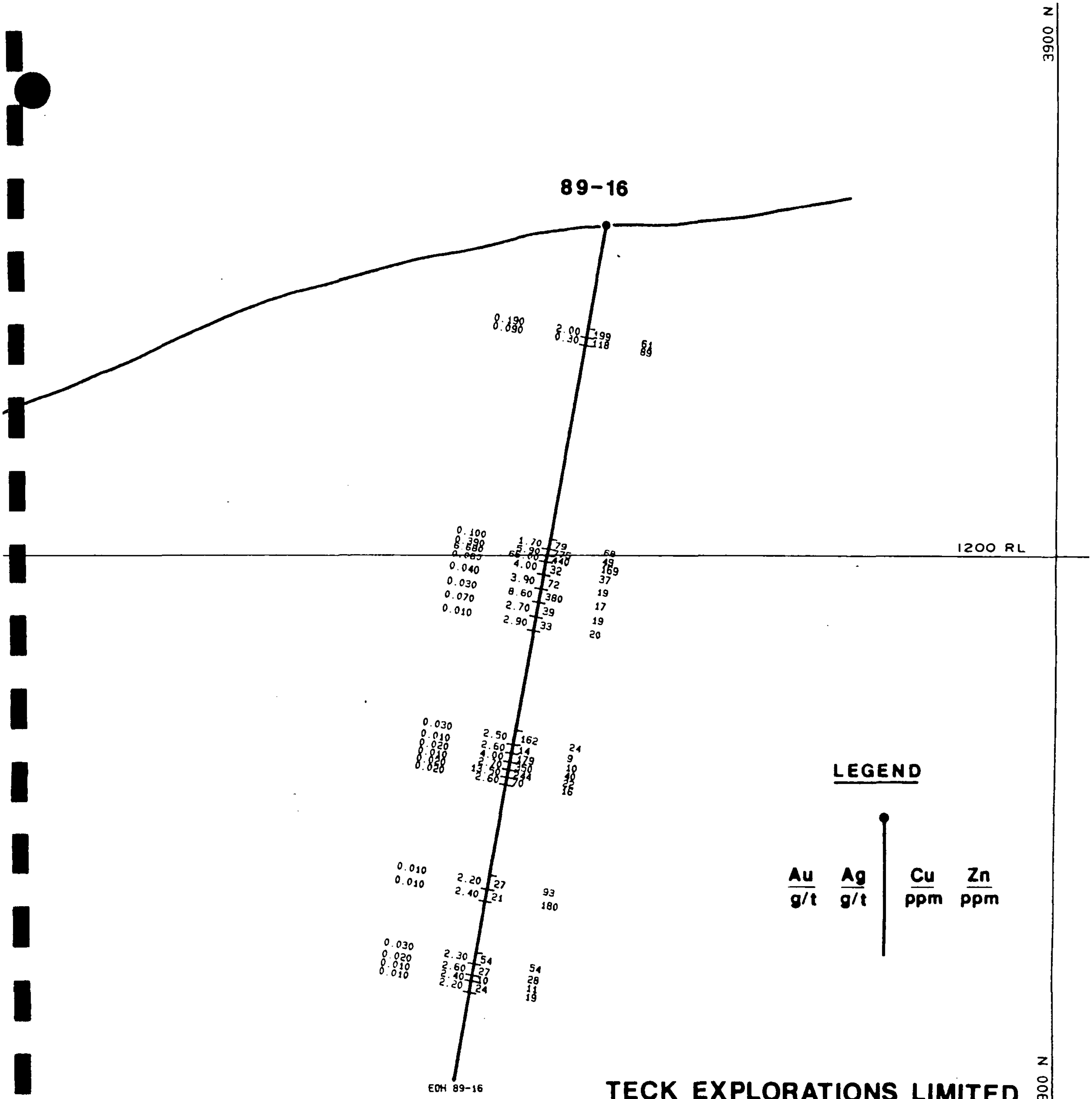
RECOVERY Run	%
48.5	100
51.5	96
54.6	100
57.6	100
60.7	100
63.7	100
66.8	100
67.7	78

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	Pb / W
26056	51.4-52.5	1.1	0.01	2.2	27 / 93	18 / 2
26057	52.5-53.5	1.0	0.01	2.4	21 / 180	32 / 2
26058	57.5-58.4	0.9	0.03	2.3	54 / 54	8 / 2
26059	58.4-59.3	0.9	0.02	2.6	23 / 28	7 / 4
26060	59.3-59.75	0.45	0.01	2.4	10 / 11	3 / 3
26061	59.75-60.65	0.9	0.01	2.2	24 / 19	2 / 2

BOX

DDH: 89-16



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4400 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2000N 5368E
Coord.- Collar N: 3869.82
E: 4397.61
Elev.- Collar: 1225.76
Date Started: Sept 5 /89
Date Completed: Sept 7 /89

Hole No.: 89-17
Bearing at collar: 360°
Inclination at collar: -80
Length: 82.9m
Core Size: B.Q. Thinwall
Logged By: A.J. Pardoe

LEGEND

Quartz	▨	sericite	⁘
Granodiorite	G	Silica	☒
Mafic Dyke	M	pottassic alt'n	K
Quartzite	Q	Greywacke	W
Sandstone/Arkose	B		

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.

0 - 1.8 : Casing

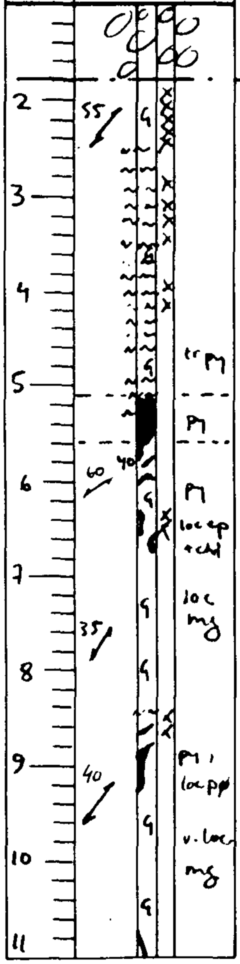
1.8 - 5.1 : Granodiorite - lt gy w̄ ~ 5-10% dk grn mafics. Well foliated. Badly broken w̄ v. local unbroken sections. Local m-Si. Local strong clay alt'n especially for 20cm above vn.

5.1 - 5.6: Qtz Vn - white qtz w̄ local rusty stains grdr bx. HW in broken core. FW irregular @ ~40°

5.6 - 25.15 Granodiorite

(5.6 - 15.2) med mn grn-gy often w̄ gy-brown tone. Dominantly i-foliated w̄ local sections of mod-foliation w̄ visible granite texture. ≥30% mafic minerals. Local w-Si. v. weak qtz vnlts, local qstrs @ low angles or sub // to C.A.

GRAPHIC LOG



MINERALIZATION / RECOVERY / ANALYTICAL

MINERALIZATION	Run	%	Sample	Interval to	width	Au g/T	As g/T	Cu/Zn (PPM)	Pb/W (PPM)
	1.8								
tr diss py + irregular white qtz vnlts.			26062	4.1- 5.1	1.0	0.05	4.9	249/155	7/2
	4.2	53							
Qtz: 1% py in blebs + diss.	5.2	100	26063	5.1 -5.6	0.5	1.88	25.9	223/48	5/3
local irregular qtz strs w̄ py blebs + py diss in grdr. ≤1% overall			26064	5.6- 6.1	0.5	0.20	6.0	193/106	10/160
	6.1	100							
Loc diss mg. in grdr									
			26065	8.5-9.1	0.5	0.27	5.8	136/99	12/1350
low angle white qtz str w̄ ~1% py + loc. po	9.1	100	–						
v. local diss mg. in grdr									

BOX

DDH: 89-17

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(15.2-18.7) - mod glassy grn-gy. mod - Si increasing to i-Si downsection f.g.→ aphanitic, i-foliation, local clouded granite texture.

(18.7-20.1) - similar to above but i-Si + M→loc mod sericite

(20.1-21.9) - glassy grn-gy, f.g.→ aphanitic i-foliated, m→i Si.

(21.9-25.15) lt grn-gy, clouded c.g. granite texture 10-15% mafics (no visible xls, appears to be dominantly chlorite). i-Si.

Mod broken w̄ minor pebbly gouge @ 23.2-23.5.

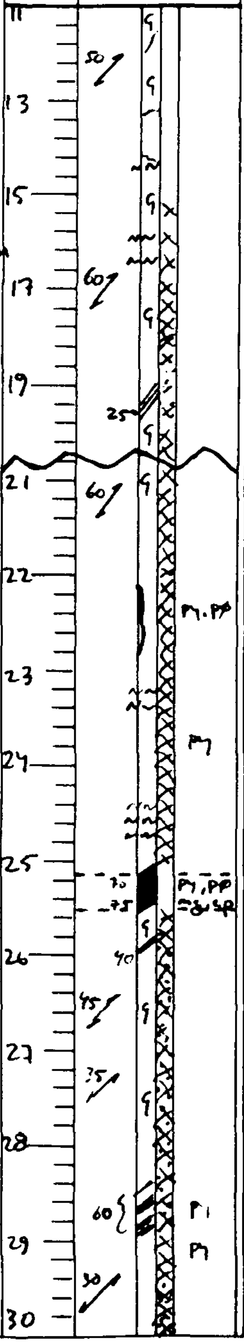
Weakly broken, crushed & minor pebbly gouge @ 24.4-24.8.

25.15-25.5: Qtz Vn: white + lesser translucent gy qtz w̄ loc. chl along fractures. ratty sx. Sharp contacts.

25.5-35.3: Granodiorite

(25.5-29.4) Pale grn-gy, local clouded granite texture, generally measureable foliation: i-Si, mod & loc weak sericite. Local white qtz strs.

(29.4-34.3) light gy w̄ local grn tones w altd + foliated, no visible granite texture, i-sericite + i-Si



MINERALIZATION

Qtz vnlts + local irregular qtz strs. Diss py + pø in strs, local py + pø sx band. ≤ 1% sx

Qtz: sub ∥ to C.A., white w̄ diss py + pø + loc chl. Diss py in grdr

~1% diss py in grdr

Q.V: 2-3% sx in patches: py, pø, mg, cp.
tr py diss in grdr

<1% py diss in str area + silicified, but non-sericitized grdr below.

RECOVERY Run	%
12.2	95
15.2	97
18.3	95
21.3	100
24.4	100
27.4.	99
29.0	95

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu	PPM Zn	PPM Pb	PPM W
26066	19.5-20.5	1.0	0.02	3.2	202	71	7	2
26067	20.5-21.9	1.4	0.01	3.4	60	73	8	2
26068	21.9-23.0	1.1	0.01	4.0	50	39	10	3
26069	23.0-24.1	1.1	0.03	10.0	54	85	5	2
26070	24.1-25.15	1.05	0.02	7.8	60	58	4	2
26071	25.15-25.5	0.35	1.24	15.0	935	76	11	2
26072	25.5-26.4	0.9	0.03	6.2	62	77	5	3
26073	26.4-27.4	1.0	0.01	6.0	93	130	33	2
26074	27.4-28.4	1.0	0.01	5.9	43	138	55	2
26075	28.4-29.4	1.0	0.02	4.5	23	62	9	2

BOX

DDH: 89-17

Page 3 of 4

LITHOLOGY, ALTERATION, MISC.

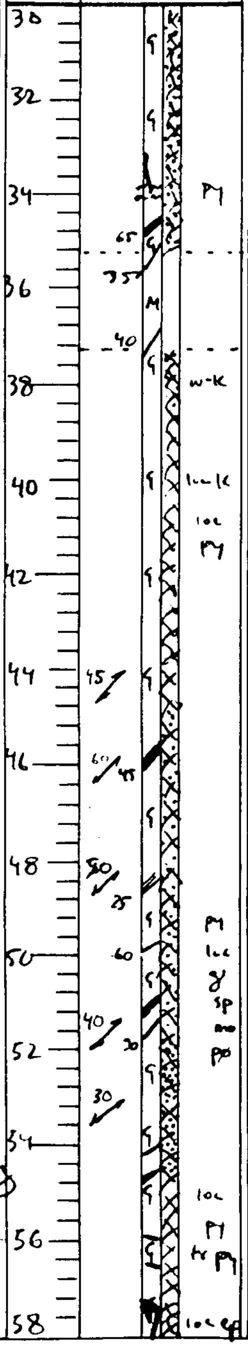
35.3 - 37.3 : mafic Dyke : f.g., dk grn-gy. chilled margins

37.3 - 57.2 : Granodiorite
(37.3 - 38.6) pale gy w̄ minor salmon pink. Good granite texture. i-Si, w→m sericitized fldsp. w-K altⁿ.
(38.6 - 44.8) lt gy w̄ ~6% dk grn mafics, locally 10% mafics. Slightly clouded granite texture. i-Si
v. local w-K altⁿ in patches < 10 cm length.

(44.8 - 51.7) lt gy, v. clouded granite texture alternates w̄ i-foliated rk. i-Si, w→mod sericite

(51.7 - 54.4) lt gy, i-foliated, i-Si, 1-sericite along foliation, local w- qtz strs generally sub // to foliation

(54.4 - 57.2): pale gy to lt grn-gy, darkening slightly downsection. variably clouded granite texture. i-Si. Local white qtz strs 2-10 cm wide.
57.2 - 65.6 : Transition zone.
(57.2 - 58.6) Granodiorite ? med gy w̄ white



MINERALIZATION

Qstr sub // to C.A. 1% py

Qstr: white + minor gy qtz 6 cm wide. loc py
diss mg in dyke

loc py diss + in patches < 1% overall.

Qstr: ~13 cm wide, q.f. white qtz, banded w̄ chl + patches of brown mineral < 1% py

Qstrs: weak white qtz strs. variable orientation often sub // to foliation. Bear py + local gl, sp, mo + po. tr. overall

Local qtz strs white w̄ blebs + diss of py + tr mo?
diss py in grdr

RECOVERY

Run	%
30.5	100
33.5	100
36.6	94
39.6	100
42.7	100
45.7	100
48.8	100
51.8	100
54.9	100
56.4	100
57.9	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
26076	33.2-34.3	1.1	0.05	4.3	100 / 60	13 / 16
26077	34.3-35.3	1.0	0.18	8.1	51 / 58	38 / 2
26078	48.7-49.7	1.0	0.03	4.6	/	/
26079	49.7-50.7	1.0	0.03	4.6	24 / 165	8 / 2
26080	50.7-51.7	1.0	0.01	3.0	14 / 100	28 / 2
26081	51.7-52.6	0.9	0.02	5.9	90 / 601	720 / 2
26082	52.6-53.6	1.0	0.03	0.2	36 / 210	100 / 2
26083	53.6-54.6	1.0	0.02	0.4	13 / 147	93 / 2
26084	54.6-55.9	1.3	0.05	0.3	33 / 52	15 / 2
26085	55.9-57.2	1.3	0.03	0.4	43 / 38	10 / 4
26086	57.2-58.6	1.4	0.04	2.3	175 / 265	40 / 3

BOX

DDH: 89-17

LITHOLOGY, ALTERATION, MISC.

splotches. Foliated, i-Si, local erratic white qtz strs.

(58.6 - 60.5): Graywacke?: med gy, foliated w̄ mod sericite along foliation. w → nil Si. Qtz s/flood in lower 20 cm

(60.5 - 61.8) med gy w̄ faint grn tinge becoming faint brown in lower 40 cm. Speckled texture suggests granodiorite i-Si. Abundant qtz strs + qtz flood.

(61.8 - 64.0) Arkose?: brown-gy, f.g. → m.g. w̄ faint foliation. Patchy Si, w-sericite

(64.0 - 65.2) Quartzite / i-Si sediment?: lt gy, i-Si Obscures texture w- qtz strs.

(65.2 - 65.6) Arkose? med gy + brown, m.g. → c.g. w̄ round qtz frags ≤ 4mm dia. m-i Si

65.6 - 76.7: Greywacke: dk med gy, f.g. w̄ rounded pebbles ≤ 5mm dia of qtz (?) floating in f.g. material

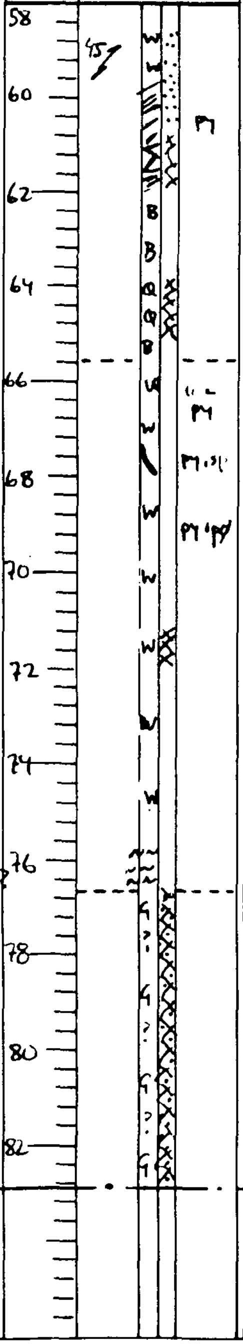
(71.2 - 72.0) qtz flood / i-Si overprint w̄ reddish brown mineral + local qtz strs.

(75.9 - 76.7) Badly broken + sheared Local 20cm section unbroken

76.7 - 82.9: Granodiorite? / i-Si sediment? lt gy w̄ ~ 2% dk specks → very similar to unfoliated sections @ (44.8 - 51.7m). i-Si, w → mod sericite

E.O.H.: 82.9m

Depth / GRAPHIC LOG



MINERALIZATION

Qtz strs - gy-white translucent @ high ∠'s to C.A. ≤ 1% diss py.

loc py in wacke.

Qtz: low angle, white w̄ patches + diss of py + sp ~ 1-2% sx

loc patches of py + v. local po in greywacke

RECOVERY

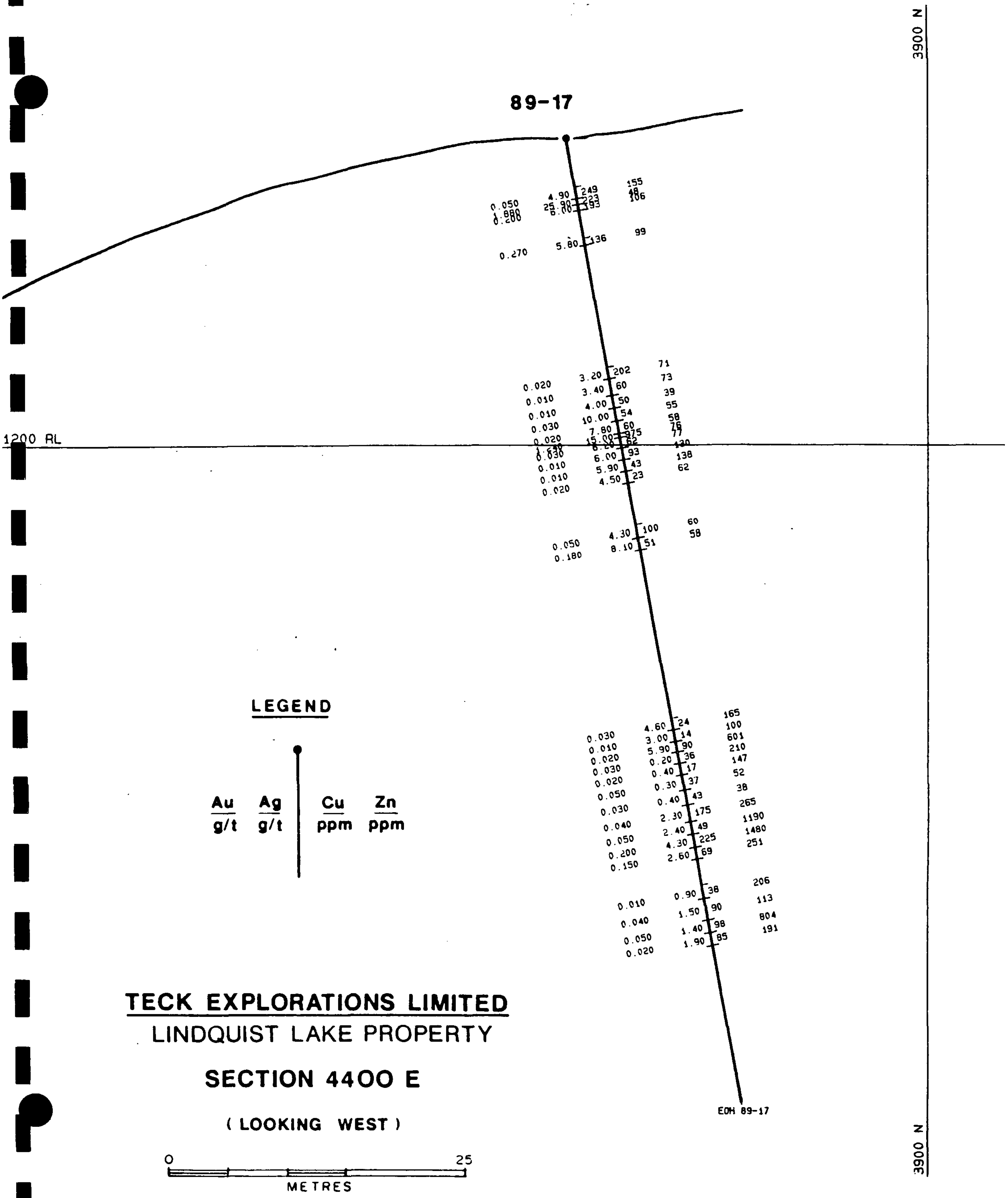
Run	%
61.0	100
64.0	100
67.06	100
70.1	100
73.15	100
76.2	100
79.2	100
82.3	100
82.9	67

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
26087	58.6-59.7	1.1	0.05	2.4	49 / 1190	810 / 2
26088	59.7-60.8	1.1	0.20	4.3	225 / 1480	386 / 2
26089	60.8-61.8	1.1	0.15	2.6	69 / 251	53 / 2
26090	64.0-65.2	1.2	0.01	0.9	38 / 204	40 / 3
26091	65.2-67.0	1.5	0.04	1.5	90 / 113	42 / 6
26092	67.0-68.1	1.1	0.05	1.4	98 / 804	55 / 2
26093	68.1-69.2	1.1	0.02	1.9	85 / 191	44 / 3

BOX

DDH: 89-17



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4400 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 5

LEGEND

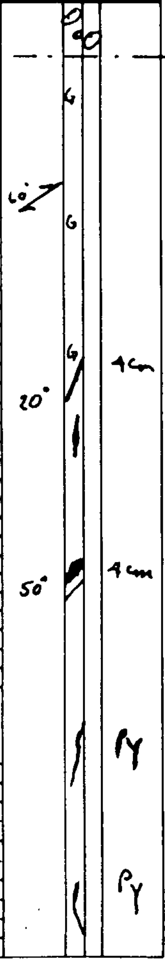
GRANODIORITE	G	SILICIFICATION	X
GREYWACKE	W	SERICITE	∴
QUARTZITE	Q	QUARTZ VEIN	▨
ARGILLITE	A		☐

SURVEY

Depth	Bearing	Inclination

Property DEERHORN MINE
Location LINDQVIST LAKE
GRID 2008N 5368E
Coord.– Collar N 3869.82
E 4397.61
Elev.– Collar 1225.76
Date Started Sept 7 /89
Date Completed Sept 8 /89

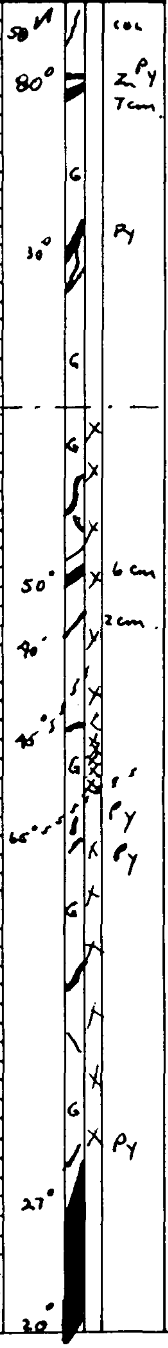
Hole No. 89 – 18
Bearing at collar NORTH
Inclination at collar -60°
Length 78.94
Core Size THINWALL BQ
Logged By P.F

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	PPM Pb / W	BOX
0-1.52 CASING.	1												
				1.52									
	2												
1.52- 19.5 MEDIUM GREY-BROWN HIGHLY FOLIATED GRANODIORITE, POSSIBLY GNAISSIC METASEDIMENT. RELATIVELY WEAK SILICIFICATION, MINOR SARICITE. PATCHY BIOTITE - CHLORITE ALT.	3				63%								
	4												
	5		Py			26094	4.8-5.8	1.0	0.23	5.6	148 / 114	23 / 5	
			STRINGER //CORE	5.79		26095	5.8- 7.2	1.4	0.12	3.7	177 / 77	15 / 2	
	6												
	7				99%	26096	7.2-8.8	1.6	0.28	5.8	184 / 99	24 / 2	
	8												
	9		+ FEW STRINGERS WEAKLY MINERALIZ(D)	8.84	98%								
	10					26097	10.6-11.6	1.0	0.08	1.0	146 / 132	18 / 2	DDH: 89-18
	11												

Page 2 of 5

LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION
	11	
	13	TRACES Zn, Py IN QTZ. STRINGERS
	15	
	17	QTZ. VEINS AND TENSION FRACTURES. SOME // CORE
19.5-28.5 WEAKLY FOLIATED SILICIFIED GRANODIORITE. GRADATIONAL CONTACT WITH WELL FOLIATED VARIETY. INCREASING Si ALT. DOWN TO VEINS.	19	
	21	
	22	SLIGHTLY SHEARED VEIN
	23	
HIGHLY BROKEN	24	INTENSE SILICA ALT.
	25	TRACES Py ON HEALED SHEARS
	26	
	27	
28.5-30.0 QTZ. VEIN. TRACES Py	28	
	29	
	30	

GRAPHIC LOG



RECOVERY Run	%
	99%
14.63	
	99%
17.68	99%
19.20	99%
21.03	
	99%
28.04	

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
26098	11.6-12.8	1.2	0.41	7.8	215 / 290	34 / 35
26099	16.2-17.0	0.8	0.21	5.6	138 / 148	35 / 56
26100	20.9-22.0	1.1	0.09	0.4	77 / 51	13 / 190
26101	22.0-23.0	1.0	0.06	0.3	87 / 44	12 / 2
26102	23.0-24.5	1.5	0.05	0.2	64 / 53	17 / 4
26103	24.5-26.0	1.5	0.07	0.2	73 / 52	14 / 2
26104	26.0-27.0	1.0	0.04	0.4	33 / 55	12 / 2
26105	27.0-28.5	1.5	0.03	0.2	64 / 75	10 / 3
26106	28.5-30.0	1.5	2.15	19.7	290 / 77	15 / 2

BOX

DDH: 89-18

LITHOLOGY, ALTERATION, MISC.

30.0 - 31.5 SILICIFIED GRANODIORITE CONTAINING A FEW CALCITE FILLED FRACTURES

31.5 - 36.4 MINERALIZED QTZ. VEIN.
31.5 - 33.6 2-3% SULFIDES Py, Cp, Po CHLORITIC WHITE QTZ. SOME MIN. FRACTS. @ ABOUT 30° TO C.A.

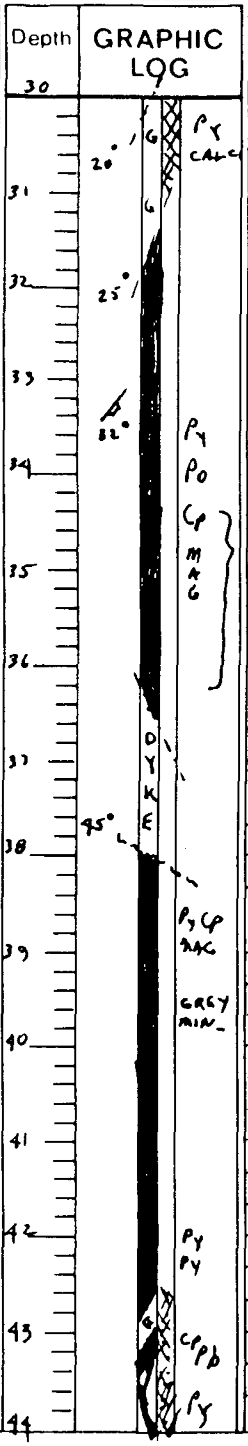
33.6 - 36.4 15% SULFIDES Py, Po Cp MAG. IN SLIGHTLY GRAY QTZ.

36.4 - 38.0 DYKE, FINE GRAINED, LIGHT GREY. UPPER CONTACT = CHILLED MARGIN, LOWER CONTACT = SMALL FAULT

38.0 - 42.7 QUARTZ VEIN ABOUT 40% VEINING, 60% INTENSELY SILICIFIED GRANODIORITE, A FEW CALCITE VEINLETS.

42.7 - 49.0 SILICIFIED SERICITIZED GRANODIORITE, UP TO 50% QUARTZ. MORE OR LESS FOLIATED.

Depth / GRAPHIC LOG



MINERALIZATION

1% DISSEM Py

SULFIDE BRECCIA, QTZ. FRAGMENTS IN SULFIDE MATRIX

A FEW CALCITE VEINLETS

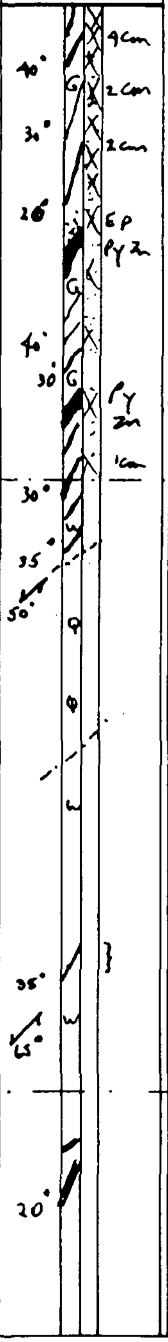
PATCHES AND DISSEMINATIONS OF Py, Cp, MAG. SPECKS UNIDENTIFIED DARK GREY MINERAL.

STRINGERS ALMOST // CORE

RECOVERY Run	RECOVERY %	Sample	Interval to	width	Au g/T	As g/T	PPM Cu / Zn	PPM Pb / W
30.18								
		26107	30.0-31.5	1.5	0.05	2.5	194/60	73/2
	98%	26108	31.5-32.1	0.6	0.58	3.8	570/61	8/12
		26109	32.1-33.6	1.5	1.61	12.5	910/53	9/2
33.92								
		26110	33.6-35.1	1.5	12.00	73.0	3050/2300	74/13
	98%							
		26111	35.1-36.5	1.4	9.17	78.0	6700/415	122/260
36.27								
		26112	36.5-38.0	1.5	0.01	2.6	32/74	14/3
	99%							
		26113	38.0-39.5	1.5	0.08	8.5	254/614	102/4
39.32		26114	39.5-41.0	1.5	0.05	2.7	80/40	24/2
	99%							
		26115	41.0-42.0	1.0	0.06	2.6	21/19	13/15
		26116	42.0-42.7	0.7	0.48	23.9	463/170	160/3
42.37								
		26117	42.7-44.2	1.5	0.07	7.4	326/909	54/6

BOX

DDH: 89-18



LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY		ANALYTICAL					PPM	
			Run	%	Sample	Interval to	width	Au g/T	Ag g/T	Cu/Zn	Pb/W
	44										
SILICIFIED GRANODIORITE, SERICITIC.				99%	26118	442-455	1.3	0.07	2.5	54/42	40/2
	45	WEAK STRINGER ZONE									
GRADATIONAL CONTACT WITH			45.42								
UNDERLYING SEDIMENTS.		TRACES PY			26119	45.5-46.6	1.1	1.14	34.2	800/946	63/14
	46										
		17 cm IRREGULAR QTZ.		99%							
	47				26120	46.6-48.0	1.4	0.37	9.7	82/30	72/7
		WEAK STRINGER ZONE									
		TRACES Zn, Py.									
	40				26121	48.0-49.0	1.0	0.19	6.9	112/445	16/12
		10 cm BROKEN QTZ. Py	48.46								
	49				26122	49.0-50.2	1.2	0.07	0.9	85/63	15/4
49.0 – 58.0 GREYWACKE, SILICIFIED.											
MIXED LIGHT COLOURED, WEAKLY				99%							
FOLIATED. QUARTZ. RICH	50										
49.9 – 52. COARSE GRAINED.											
QUARTZ RICH, FOLIATED											
QUARTZITE? SUBROUND	51										
GRAINS UP TO 3 MM DIA.											
			51.51								
	52										
				99%							
	53										
	55	EPIDOTE, GARNET, QUARTZ.									
		ZONE. TR. PY			26123	55.6-56.0	0.4	0.16	3.8	39/70	10/79
			56.08								
	57			99%	26124	56.9-57.4	0.5	0.04	3.5	286/543	122/3
			57.61								
58.0 – 78.94											
ARGILLITE. DARK BROWN	59	WHITE QTZ.		99%							
FINE GRAINED ARGILLITE WITH											
IRREGULAR GREEN CALC-SILICATE		WHITE QTZ.	60.66								
BANDS	61										
61.8 – 63.0 SMALL DYKE @ 42°				99%							
	63										

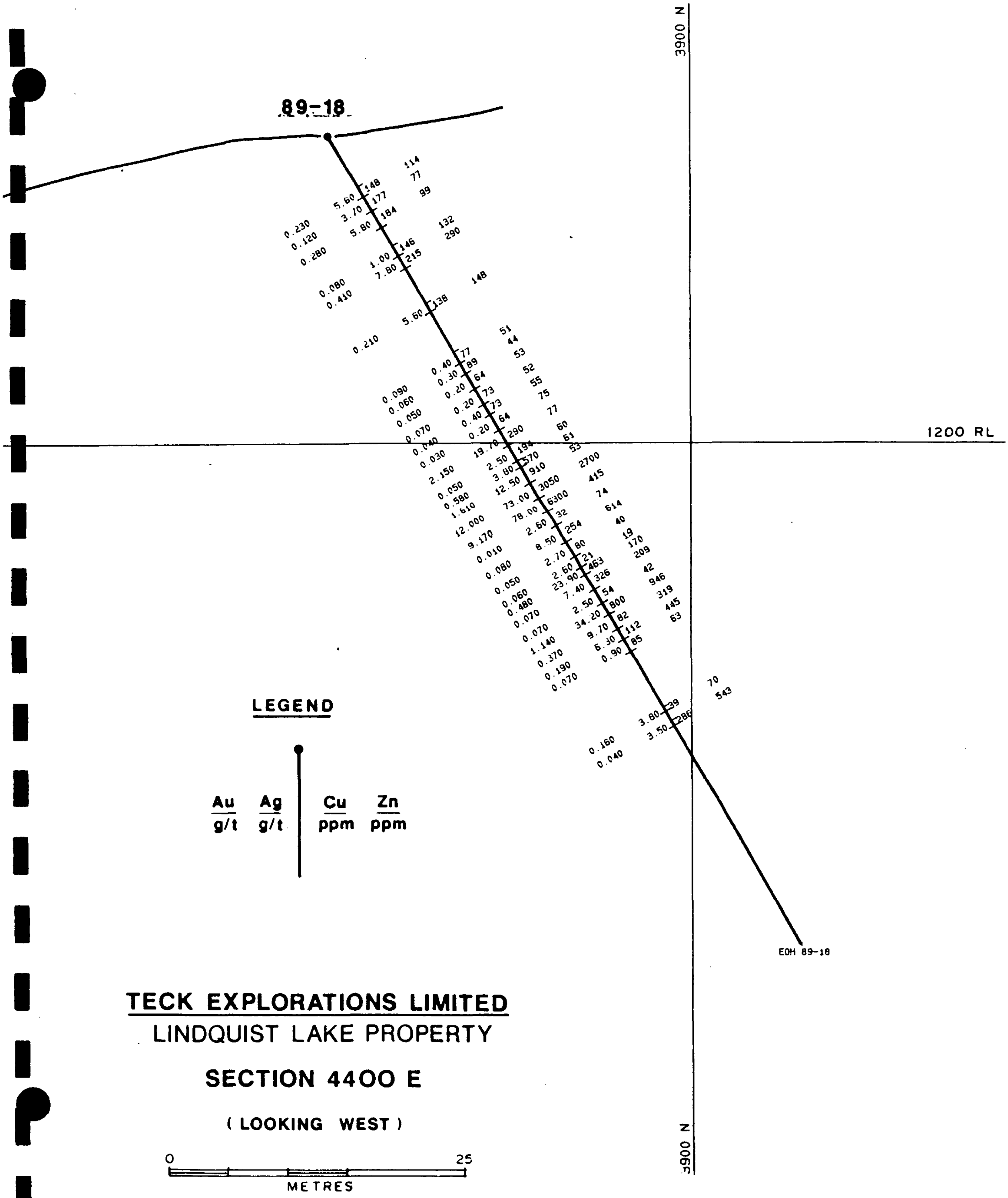
BOX

DDH: 89-18

Page 5 of 5

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	ANALYTICAL Interval to	ANALYTICAL width					BOX
	63												
	65	A											
	67	A											
ARGILLITE	69												
	71	A											
	73												
	75	A											
	77	A											
		78.94	EOH.										

DDH: 89-18



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4400 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 2

Property	Deerhorn	Hole No.	89 - 19
Location	LINDQUIST LAKE	Bearing at collar	NORTH
	GRID 2008N 5367E	Inclination at collar	- 45°
Coord.- Collar N	3869.82		
E	4397.61	Length	60.76
Elev.- Collar	1225.76	Core Size	BQ Thinwall
Date Started	SEPT 8/89		
Date Completed	SEPT 9/89	Logged By	P.F.

LEGEND

Granodiorite	G	Mafic Dyke	M
Quartz	▨	Silica	☒
Greywacke	W	Sericite	⁙
Argillite	A		☐

SURVEY

Depth	Bearing	Inclination

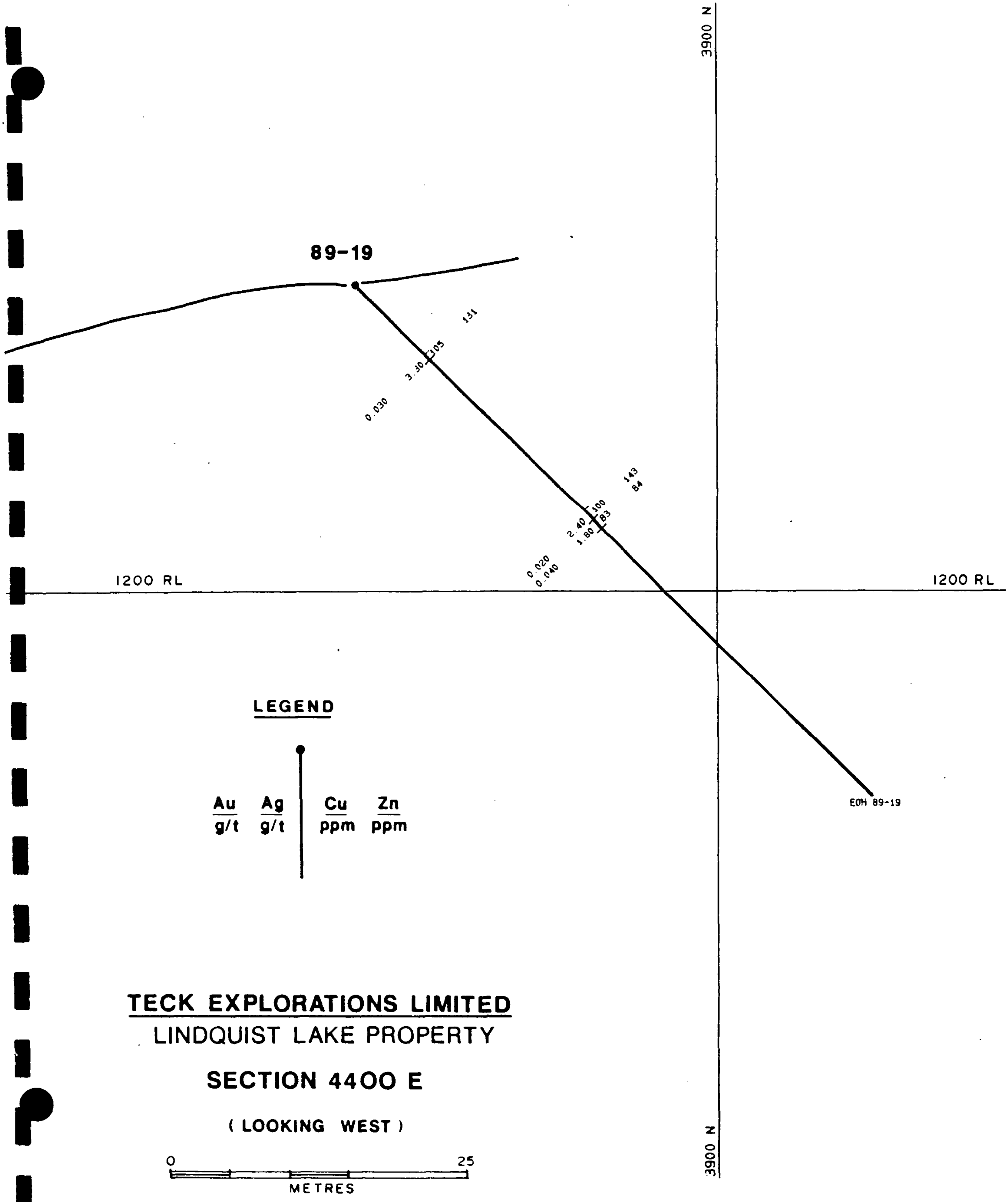
LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	Sample	Interval to	width	Au g/T	As g/T	Cu/Zn (PPM)	Pb/W (PPM)
0-2.44 CASING	0			2.44	0%							
		G		3.96	99%							
2.44-16.7 WELL FOLIATED GRANODIORITE MEDIUM GRAINED	5	50°	5cm WHITE QTZ.	5.49	99%							
		70°	WEAK QTZ. STRINGER ZONE. TRACES PY	8.53	99%	26127	8.2-8.8	0.6	0.03	3.3	105/131	127/12
	10			11.58	99%							
				14.60	99%							
16.7-40.1 WEAKLY FOLIATE GRANODIORITE INCREASED SILICIFICATION DOWNWARD	15	G G		17.68	99%							
	20	1cm	TRACE Po Cp.	20.73	99%							
				23.77	99%							
	25				99%							
	26			26.82								
	27	26°	WEAK STRINGER ZONE			26128	26.9-28.0	1.1	0.02	2.4	100/143	117/3
	28					26129	28.0-29.0	1.0	0.04	1.8	83/84	103/2
	29	diss py										
	30											

BOX

DDH: 89-19

Page 2 of 2

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width					
	30												
		G X			99%								
WEAKLY SINCIFIED GRANODIORITE													
	35	G X		36.58									
					99%								
		G X		38.71	99%								
40.1 – 41.0 ANDESITIC DYKE	40	M		40.23									
					99%								
41.0 – 46.0 GRANODIORITE, WEAKLY SILICIFIED		X G		43.06									
					99%								
	45	X G		45.11									
46.0 – 53.8 MIXED QUARTZITE – GREYWACKE. COARSE GRAINED QUARTZ RICH GREY ROCK WITH FINER GRAINED QUARTZ RICH WACKE DOWNWARDS. SILICIFIED		W X W X			99%								
	50	W X		51.21									
		W X			99%								
53.8 – 60.96 ARGILLITE, MIXED WITH GREEN-WHITE CALC SILICATE BANDS.	55	A		54.25	99%								
		A		57.30									
		A			99%								
	60	60.96	EOH.	60.96									DDH: 89-19



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4400 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 4

Property Deerhorn
Location HINDQVIST LAKE
GRID 2008.5N 5248E
Coord.– Collar N 3868.05
E 4278.39
Elev.– Collar 1234.96
Date Started SEPT 9/89
Date Completed SEPT 11/89

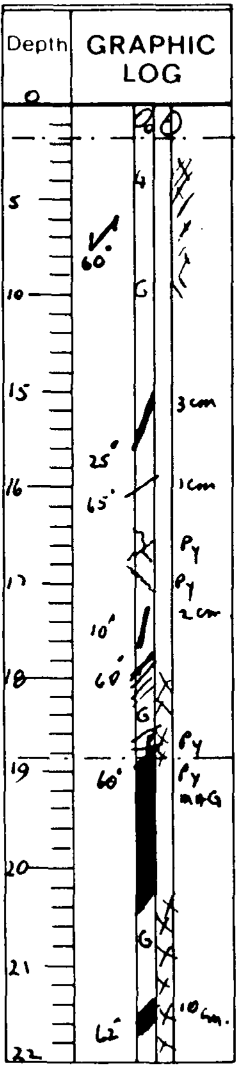
Hole No. 89 - 20
Bearing at collar DUE NORTH
Inclination at collar - 45°
Length 75.9
Core Size BQ Thinwall
Logged By P.F.

LEGEND

Granodiorite	G	Argillite	A
Quartz	▨	Mafic Dyke	M
Quartzite	Q	Silica	☒
Greywacke	W	Sericite	⁘

SURVEY

Depth	Bearing	Inclination

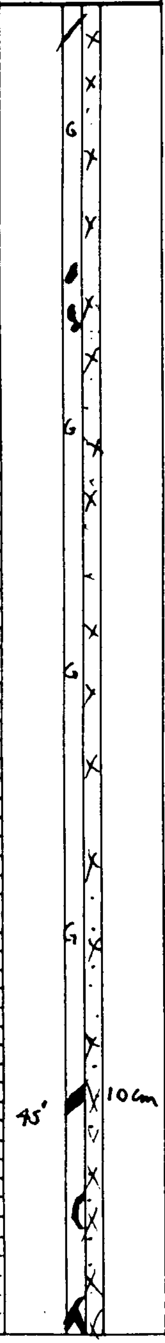


LITHOLOGY, ALTERATION, MISC.	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
0-1.83 CASING		1.83	0%				G/T	G/T	PPM	PPM
1.83-18.9 GRANODIORITE.			25%							
FOLIATED BIOTITE- CHLORITE		5.79								
GRANODIORITE.	HIGHLY BROKEN.		90%							
		8.23	99%							
		10.97	99%							
		12.50								
		14.94	99%							
	WHITE QTZ. TR. PY IN WALLS.									
				26130	16.1-17.6	1.5	0.02	1.9	83/91	102/4
	PY, QTZ, CHLORITE VEINLETS		99%							
				26131	17.6-18.9	1.3	0.37	2.5	80/83	105/3
	WEAK STRINGER ZONE DISSEM PY 1%.	17.98								
18.9-20.4 WHITE QTZ. VEIN TRACES PY, MAG @ TOP.				26132	18.9-20.4	1.5	0.07	2.4	145/15	107/110
	WEAKLY MIN. QTZ.		99%							
20.4- 39.7 GRANODIORITE, MAFIC POOR, SILICIFIED. WEAKLY TO UNFOLIATED.				26133	20.4-21.6	1.2	0.16	4.0	63/260	100/3
		21.03								
	PY			26134	21.6-22.6	1.0	1.39	16.2	70/114	127/2

BOX

DDH: 89-20

Page 2 of 4



LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
	22	PY FILLED FRACT						G/T	G/T	PPM	PPM	
					26135	22.6-24.0	1.4	2.09	23.0	213/162	117/13	
WEAKLY SILICIFIED GRANODIORITE. NO MAFIC MINERALS, WEAK SERICITE ALT.	23											
	24		24.08		26136	24.0-25.6	1.6	0.03	1.9	295/23	97/2	
	25	PATCHY QTZ. TRACES PY		99%								
	26											
	27		27.13									
	28			99%								
	29											
	30		30.18									
	31			99%								
	32											
INCREASED FRACTURING DOWNWARDS.	33	PY IN H.WALL OF VEIN.	33.22		26137	33.3-34.5	1.2	0.01	2.2	495/77	105/5	
	34	WEAK STRINGER ZONE		99%								
	35				26138	34.5-36.0	1.5	0.22	4.3	195/156	100/4	DDH: 89-20
	36		36.27									

Page 3 of 4

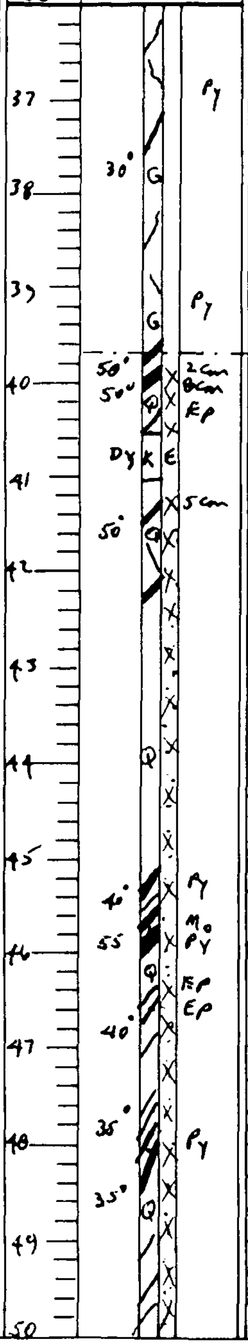
LITHOLOGY, ALTERATION, MISC.

39.7-50.0 QUARTZITE?
HIGHLY SILICIFIED QUARTZ RICH SEDIMENTS MOSTLY FINE TO MEDIUM GRAINED. SOME SKARNY SECTIONS WITH EPIDOTE. WEAK SERICITE ALT.

40.5-41.0 GREY-GREEN DYKE HIGHLY BROKEN.

QTZ. STRINGER ZONE.
WEAK DISSEM PY IN WALLS.

Depth 36 · **GRAPHIC LOG**



MINERALIZATION

VERY WEAK
STRINGER ZONE POOR REC. →

PY, MAG
QTZ-PY-MAG.
EPIDOTE DISSEM.

MINOR MAG, CHLORITE

WHITE QTZ.

}VUGGY QTZ. MINOR
}CALCITE 3-5% CRYSTALLINE
PY, MINOR Mo.

RECOVERY		ANALYTICAL						
Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
36.27					G/T	G/T	ppm	ppm
		26139	36.0-37.5	1.5	0.05	3.0	85/23	110/2
	80%							
	→	26140	37.5-39.7	2.2	0.02	1.9	158/39	98/2
39.32								
		26141	39.7-40.5	0.8	0.14	2.3	123/77	101/3
	39%	26142	40.5-41.0	0.5	0.03	2.2	172/116	95/2
		26143	41.0-41.8	0.8	0.06	2.1	53/198	109/5
42.37								
	98%							
		26144	45.0-45.6	0.6	0.01	1.5	50/19	87/2
45.42								
	95%	26145	45.6-46.6	1.0	0.04	12.0	23/12	223/31
46.63		26146	46.6-48.1	1.5	0.02	3.9	100/39	41/25
	93%							
		26147	48.1-49.6	1.5	0.02	2.0	70/40	114/3
48.46								
	99%	26148	49.6-50.6	1.0	0.01	3.8	23/33	136/3

BOX

DDH: 89-20

Page 4 of 4

LITHOLOGY, ALTERATION, MISC.

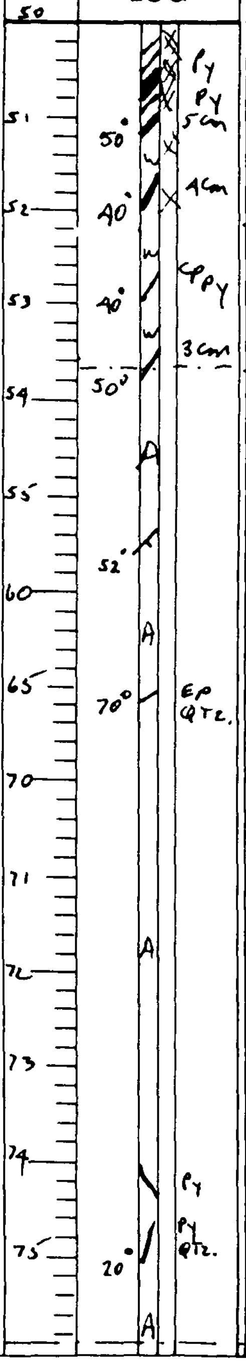
50.0 - 53.7 IMPURE GREYWACKE
DECREASING SILICIFICATION DOWNWARD
MIXED FINE TO COARSE GRAINED
GREY TO BROWN SEDIMENTS.
52.1 - 53.8 BROWN COARSE
QTZ. RICH GREYWACKE.

CONTACT VEIN ?

53.7 - 75.9 THIN BEDDED ARGILLITE
BROWN AND GREEN ARGILLITES
WITH MINOR GREEN-WHITE
CALC SILICATE BEDS AND
SOME SILICEOUS ZONES.

GREEN ALTERED ARGILLITE

Depth / GRAPHIC LOG



MINERALIZATION

Cp, Zn, Py

TRACE Py

74.1 - 74.9 WEAK
Py ZONE, SMALL
QTZ STRINGERS

— 75.9 EOH.

RECOVERY

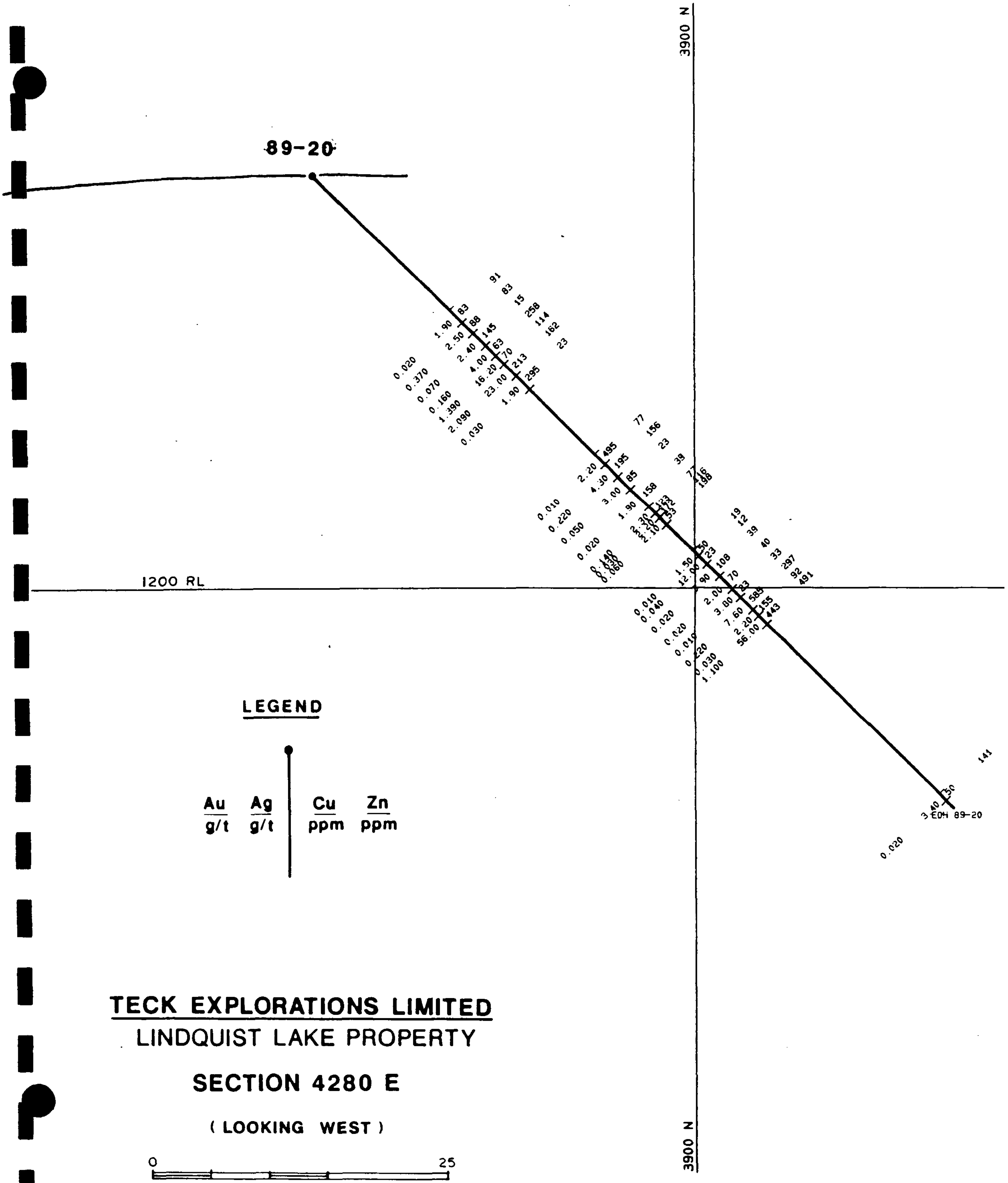
Run	%
51.5'	
	99%
54.56	
	99%
57.61	
	99%
60.66	
	99%
63.70	
	99%
66.75	
	99%
69.80	
	99%
73.85	
	99%
75.90	

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
			G/T	G/T	PPM	PPM
26149	50.6-52.1	1.5	0.22	7.6	585/297	103/10
26150	52.1-52.8	0.7	0.03	2.2	155/92	97/2
26151	52.8-53.8	1.0	1.10	56.0	442/491	125/2
26152	74.1-74.9	0.8	0.02	3.4	50/141	113/2

BOX

DDH: 89-20



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4280 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2008.5N 5248E
Coord.- Collar N: 3868.05
E: 4278.39
Elev. - Collar: 1234.96
Date Started: 11 SEPT 89
Date Completed: 12 SEPT 89
Hole No.: 89-21
Bearing at collar: NORTH
Inclination at collar: -60°
Length: 72.95
Core Size: BQ THINWALL
Logged By: P.E.

LEGEND

Granodiorite	G	Cataclastite Breccia	▵
Quartz	▰		☐
Quartzite	Q	Silica	☒
Greywacke	W	Sericite	⁘

SURVEY

Depth	Bearing	Inclination
50m		-59°

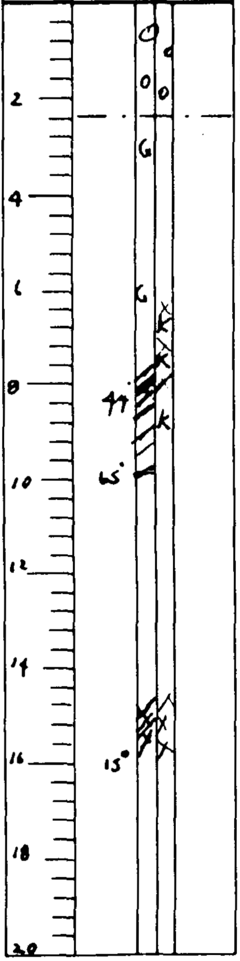
LITHOLOGY, ALTERATION, MISC.

0-2.44 CASING

2.44- 23.90 FOLIATED GRANODIORITE
5% BIOTITE-CHLORITE, RELATIVELY
UNALTERED.

KSPAR ALT. IN VICINITY
OF QTZ. STRINGER ZONE

Depth / GRAPHIC LOG



MINERALIZATION

TRACES PY (at approx. 8 m)

QTZ. BRECCIA, PYRITE,
CHLORITE

RECOVERY

Run	%
3.44	
5.49	
2.62	
9.45	
11.58	
14.94	
16.76	
18.29	

ANALYTICAL

Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM
26153	6.8-7.6	0.8	0.01	1.8	53/89	110/5
26154	7.6-9.0	1.4	0.02	1.9	95/71	121/85
26155	9.0-10.0	1.0	0.09	3.9	153/103	129/56
26156	15.1-16.0	0.9	0.02	2.6	65/53	125/7

BOX

DDH: 89-21

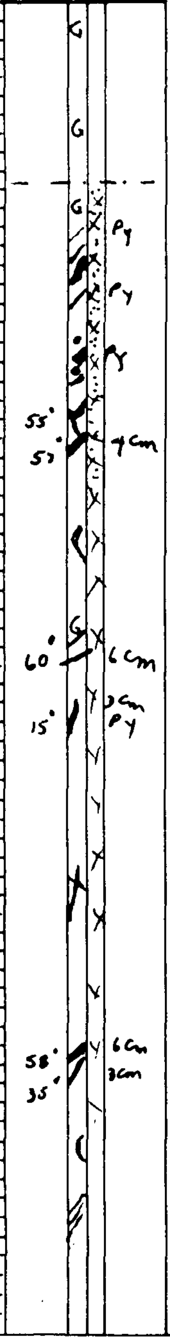
LITHOLOGY, ALTERATION, MISC.

23.9 - 49.9 GRANODIORITE, WEAKLY FOLIATED, EQUIGRANULAR SOME SILICIFIED ZONES, SERICITIC ALT. ALMOST NO MAFIC MINERALS.

SERICITE ON FRACT.

INCREASED SILICIFICATION TOWARDS CONTACT.

GRAPHIC LOG



Depth	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
20							G/T	G/T	PPM	PPM
			99%							
22										
		23.77								
24										
			99%	26157	25.0-25.6	0.6	0.01	2.9	87/61	114/31
	TR. Mo									
26	PATCH, MASSIVE PY			26158	256-26.3	0.7	0.01	3.0	26/22	135/10
		26.82								
	PATCH, PY TR. Mo			26159	26.3-27.0	0.7	0.02	2.4	134/29	95/4
28			99%							
				26160	27.0-27.7	0.7	0.11	10.3	492/102	135/5
30		29.87		26161	27.7-29.2	1.5	0.01	2.8	52/41	104/8
		30.18	99%							
	WHITE QTZ	33.22								
32										
				26162	33.2-34.0	0.8	0.05	2.0	49/31	23/2
34	PY, QTZ.		99%							
				26163	34.0-35.4	1.4	0.02	1.0	66/23	7/2
36		35.27								
38			99%							
40		39.01								
				26164	41.6-42.3	0.7	0.02	0.4	75/29	4/2
			99%							
				26165	42.3-42.7	0.4	0.19	4.5	99/25	9/2
42	PY MAG.	42.37								
				26166	42.7-43.4	0.4	0.01	0.2	53/12	9/2
44			99%							
	WHITE QTZ.	45.42								
46			99%							
48		48.40								

BOX

DDH: 89-21

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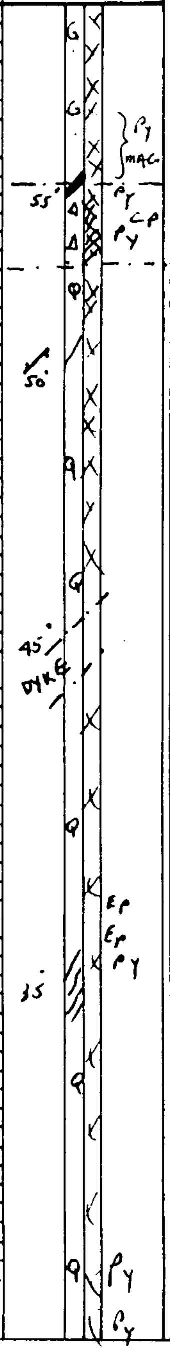
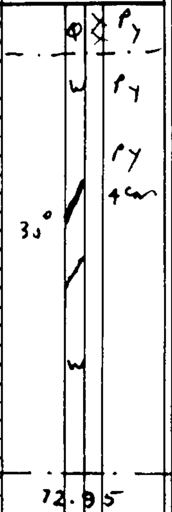


LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
			Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	
	48							G/T	G/T	PPM	PPM	
			48.46		26167	48.5-49.9	1.4	0.02	0.5	107/65	5/2	
49.9 - 50.7 SILICIFIED CATACLASITE FAULT ZONE. SILICIFIED BRECCIA.	49	DISSEM PY, MAG.										
					26168	49.9-50.7	0.8	0.15	4.2	300/69	14/9	
	50			99%								
		DISSEM PY TRACES CP.										
					26169	50.7-51.7	1.0	0.16	3.6	117/20	12/950	
50.7 - 54.6 SILICIFIED QUARTZITE AND GREYWACKE. WEAKLY DISSEMINATED PY.	51											
			51.51									
	52											
	53			99%								
	54											
54.6 - 55.2 DYKE, GREY-GREEN FINE GRAINED.												
			54.56									
	55											
55.2 - 60.5 IMPURE QUARTZITE, GREYWACKE. FINE TO MEDIUM GRAINED LIGHT GREY. EPIDOTE RICH SECTIONS.				99%								
	56											
			57.61									
	58											
		EPIDOTE		99%	26170	59.0-60.5	1.5	0.01	0.2	50/32	6/11	
	60	DISSEM PY										
		WEAK QTZ. STRINGER ZONE.	60.66		26171	60.5-61.5	1.0	0.03	1.4	111/87	51/3	
	62			99%								
			63.70									
	64											
COARSE FRAGMENTAL QUARTZITE INCREASING DISSEM PY DOWN TO CONTACT.				99%								
	66		66.75									
				99%								
	68		67.67									DDH: 89-21

Page 4 of 4

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %
68.5 - 72.95 ALTERED GREYWACKE WITH QTZ. RICH BANDS.	68		DISSEM Py NEAR CONTACT		
	69			69.19	
	70		TRACES Zn, Py TR. Cp.	70.10	
	71				
	72			72.95	
		72.95	EOH		

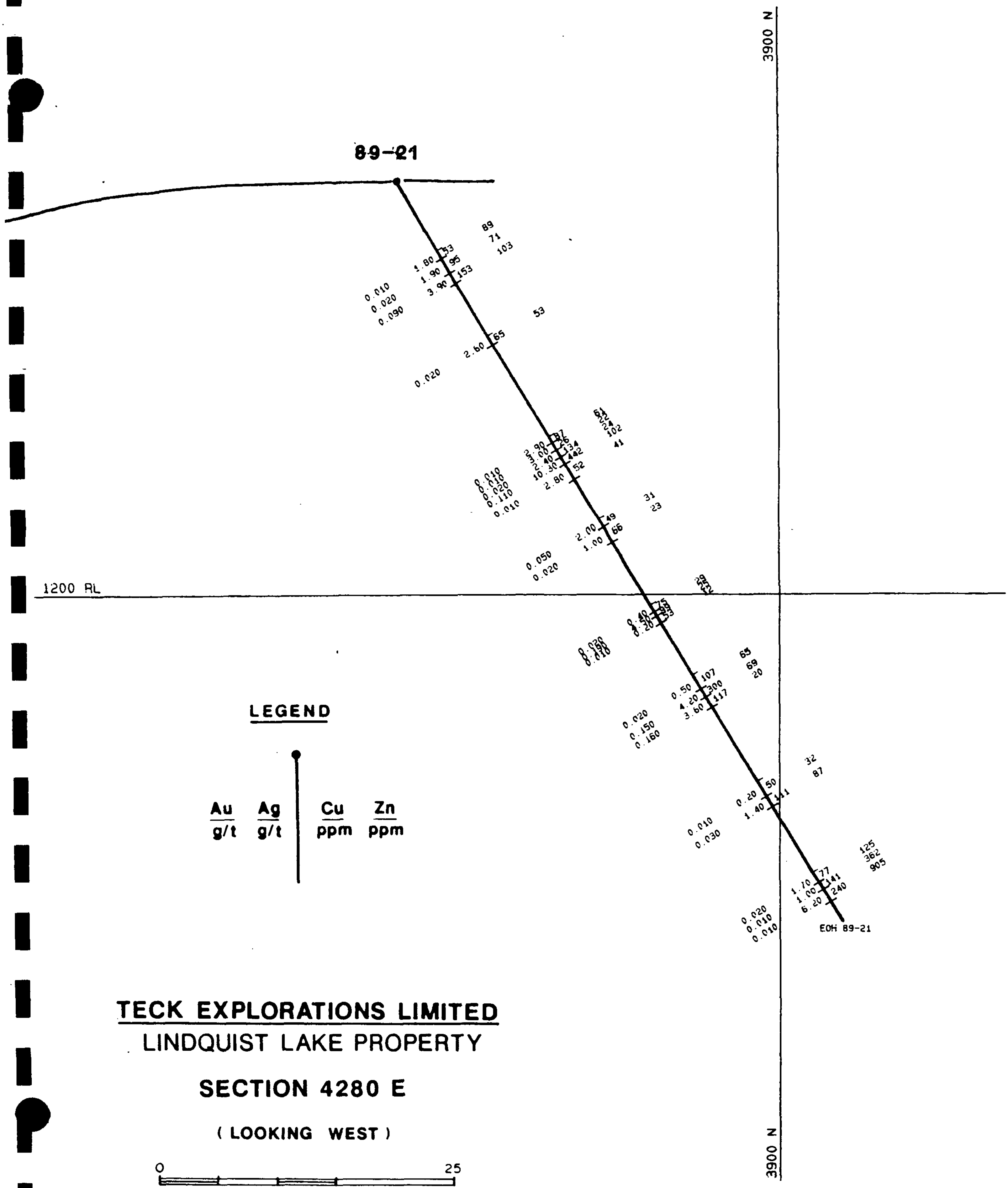


ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
			G/T	G/T	PPM	PPM
26172	68.0-69.0	1.0	0.02	1.7	77/125	60/6
26173	69.0-69.7	0.7	0.01	1.0	141/362	175/3
26174	69.7-70.9	1.2	0.01	6.2	250/905	1300/2

BOX

DDH: 89-21



LEGEND

Au g/t	Ag g/t	Cu ppm	Zn ppm

TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4280 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 6

Property DEERHORN MINE
Location LINDQUIST LAKE
GRID 2008.5N 5248E
Coord.- Collar N 3868.05
E 4278.39
Elev. - Collar 1234.96
Date Started 12 SEPT 89
Date Completed 14 SEPT 89

Hole No. 89-22
Bearing at collar NORTH
Inclination at collar -80°
Length 96.01
Core Size BQ THINWALL
Logged By P. F

LEGEND

QUARTZ VEIN	▨	BRECCIA	Δ
GRANODIORITE	G		☐
SILICIFICATION	X K		☐
CATACLASITE	O		☐

SURVEY

Depth	Bearing	Inclination
93	354°	-80°

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu / Zn	Pb / W	BOX
0-2.44 CASING	0								G/T	G/T	PPM	PPM	
		0 0			0								
2.44-51.0 GRANODIORITE, DARK	2	G											
GREY, FOLIATED, WEAKLY				2.44									
ALTERED BIOTITE? → CHLORITE GRANO					60%								
DIORITE		G											
	4			4.27									
					99%								
	6		TRACES PY										
				6.10									
		G			99%								
	8	45°											
				9.14									
	10				99%								
		G		11.58									
SMALL DUCTILE SHEAR ZONE,	12	45°			99%								
GRADATIONAL BOUNDARIES WIT				13.11									
UNALTERED ROCK		G			99%								
	14												
STRONG FOLIATION		60° 60° 12cm	VUGGY QTZ, PY.			26175	14.3-14.9	0.7	0.02	4.0	54 / 90	73 / 2	
				14.94									
	16	7cm				26176	14.9-16.4	1.5	0.01	1.5	64 / 89	17 / 2	
		60°			99%								
				17.68		26177	16.4-16.8	0.4	0.01	0.8	84 / 79	6 / 4	
	18	70° Py	WEAKLY PYRITIZED			26178	18.0-18.3	0.3	0.02	0.2	73 / 75	5 / 4	
	20	G											

DDH: 89-22

LITHOLOGY, ALTERATION, MISC.

FOLIATED DARK GRANODIORITE

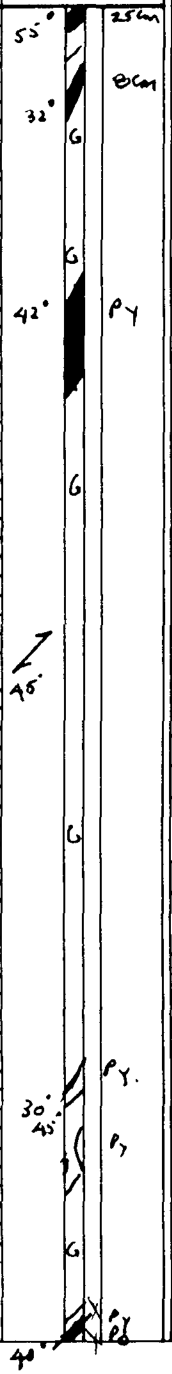
23.0-24.1 WHITE QTZ WITH WEAK PY AS COARSE BANDS. H.WALL UNALTERED. F.WALL INTENSELY FOLIATED

INCREASING SILICIFICATION.

Depth

30
21
22
23
24
25
26
27
28
29
30
31
32
33
34

GRAPHIC LOG



MINERALIZATION

WEAKLY PYRITIZED QTZ

WEAK QTZ. VEINLETS, TR. PY

RECOVERY

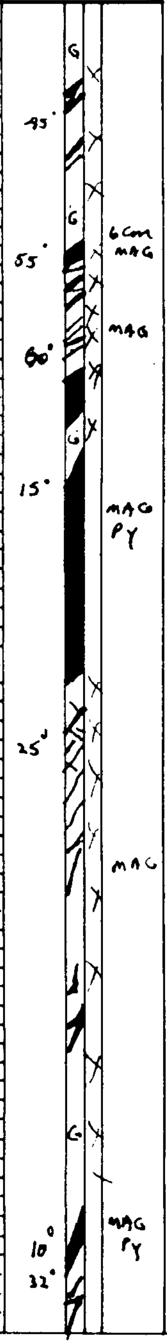
Run	%
21.34	
	99%
23.71	
	99%
25.30	

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
			G/T	G/T	PPM	PPM
26179	20.0-21.0	1.0	0.03	4.0	125/81	39/7
26180	23.0-24.1	1.1	0.01	100.0	64/50	1540/2
26181	24.1-25.3	1.2	0.01	5.8	95/200	115/10
26182	31.4-32.6	1.2	0.22	5.9	130/91	17/31
26183	33.7-34.3	0.6	0.85	18.2	500/184	0/240

BOX

DDH: 89-22

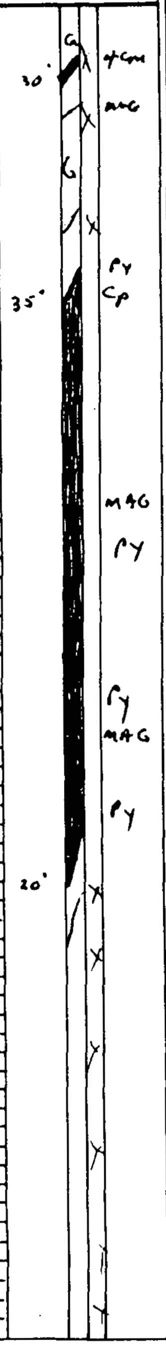


LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
			Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	
	34							G/T	G/T	PPM	PPM	
					26184	34.3-35.6	1.3	0.04	2.1	142/110	12/4	
INCREASING SILICIFICATION	35											
				99%								
					26185	35.6-36.6	1.0	0.01	0.2	20/101	2/2	
	36											
			36.50		26186	36.6-37.7	1.1	0.21	4.0	367/80	4/2	
	37											
					26187	37.7-38.4	0.4	0.01	2.2	63/38	3/9	
	38			99%								
		TRACES MAG			26188	38.4-38.9	0.5	0.04	2.3	113/91	3/9	
	39				26189	38.9-39.7	0.8	4.43	39.0	56/115	12/3	
		MAG, PY, PATCHY	3962									
POOR REC. IN VEIN		MAG IN WHITE QTZ.			26190	39.7-41.2	1.5	0.14	0.5	36/35	2/2	
	40											
				60%								
	41											
POOR REC.			41.15.		26191	41.2-43.0	1.8	0.02	2.2	151/56	6/3	
		TRACES MAG, PY										
	42	IN STRINGERS										
				66%								
WEAK, PERVASIVE SILICIFICATION.	43		42.98									
SLIGHT ALT. OF MAFICS.					26192	43.0-44.5	1.5	0.11	2.2	234/108	8/3	
	44											
				99%								
	45											
			45.42									
	46											
	47				26193	46.9-48.4	1.5	0.03	8.6	110/69	19/2	
		MAG. PY										
	48		48.77									DDH: 89-22

Page 4 of 6

LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION
	48	
	49	TRACES PY, MAG.
	50	
51.0 – 57.0 QUARTZ VEIN. MOSTLY BARREN WHITE QTZ WITH CHLORITIC SECTIONS CONTAINING MAGNETITE, SOME PYRITE	51	PYRITE @ CONTACT. TRACES CP.
	52	
	53	PATCHY MAGNETITE LATER FINELY CRYSTALLINE PY
	54	
	55	
	56	
57.0 – 68.9 LIGHT COLORED, QUARTZ RICH, EQUIGRANULAR GRANODIORITE. SILICIFIED.	57	
	58	WEAKLY DISSEM PY.
	59	
	60	
	61	
	62	

GRAPHIC LOG



RECOVERY		ANALYTICAL						
Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
					G/T	G/T	PPM	PPM
48.77		26194	48.4-48.9	1.5	0.06	2.9	117/59	16/6
		26195	48.9-51.0	1.1	0.46	0.2	464/97	8/2
	95%	26196	51.0-52.5	1.5	0.22	0.3	943/111	9/2
		26197	52.5-54.0	1.5	0.04	0.2	136/74	5/2
		26198	54.0-55.5	1.5	0.03	4.2	38/18	4/2
54.86								
		26199	55.5-57.2	1.7	0.18	18.0	36/16	7/2
	98%							
57.91								
	99%							
60.96								

BOX

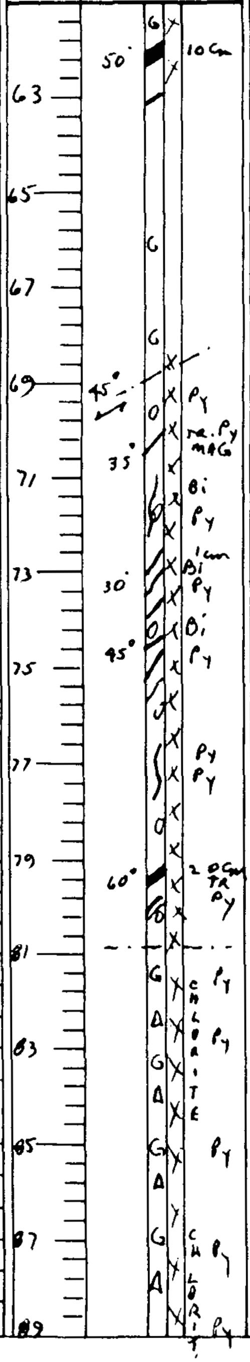
DDH: 89-22

LITHOLOGY, ALTERATION, MISC.

689 - 80.8 CATACLASITE. SILICIFIED, BIOTITE ALTERED FAULT BRECCIA. GRANODIORITE CLASTS WITH A FEW SEDIMENTARY ROUND FRAGMENTS. LIGHT BROWN BIOTITE MATRIX AND SECTIONS OF CHLORITIC MATRIX. DISSEM PY A FEW QTZ. STRINGERS. SHARP FOLIATED CONTACT WITH GRANODIORITE WHICH IS UNFOLIATED.

80.8 - 94.4 GRANODIORITE BRECCIA CRACKLE TYPE BRECCIA ~ 5% CHLORITE - EPIDOTE MATRIX. WEAKLY DISSEM. PY THROUGHOUT. TRACES FINE MAG.

Depth 62 **GRAPHIC LOG**



MINERALIZATION

PY 5%

TRACES DISSEM PY THROUGHOUT

DISSEM PY

AMPHIBOLE - SILICA ALT.

TRACES PO

RECOVERY Run	%
63.40	99%
67.06	99%
70.10	99%
73.15	99%
76.20	99%
79.25	99%
82.30	99%
85.34	99%
88.39	99%

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
			G/T	G/T	PPM	PPM
26200	62.5-63.1	0.6	0.03	3.9	223/42	6/23
26201	68.8-70.1	1.3	0.01	2.5	446/24	10/2
26202	70.1-71.6	1.5	0.02	1.0	71/45	24/5
26203	71.6-73.1	1.5	0.01	19.9	100/77	12/135
26204	73.1-74.6	1.5	0.03	36.0	144/89	15/7
26205	74.6-76.1	1.5	0.02	17.5	89/52	23/3
26206	76.1-77.6	1.5	0.18	22.6	100/47	17/30
26207	77.6-79.1	1.5	0.04	18.3	309/95	35/4
26208	79.1-80.2	1.1	0.02	6.6	76/53	925/2

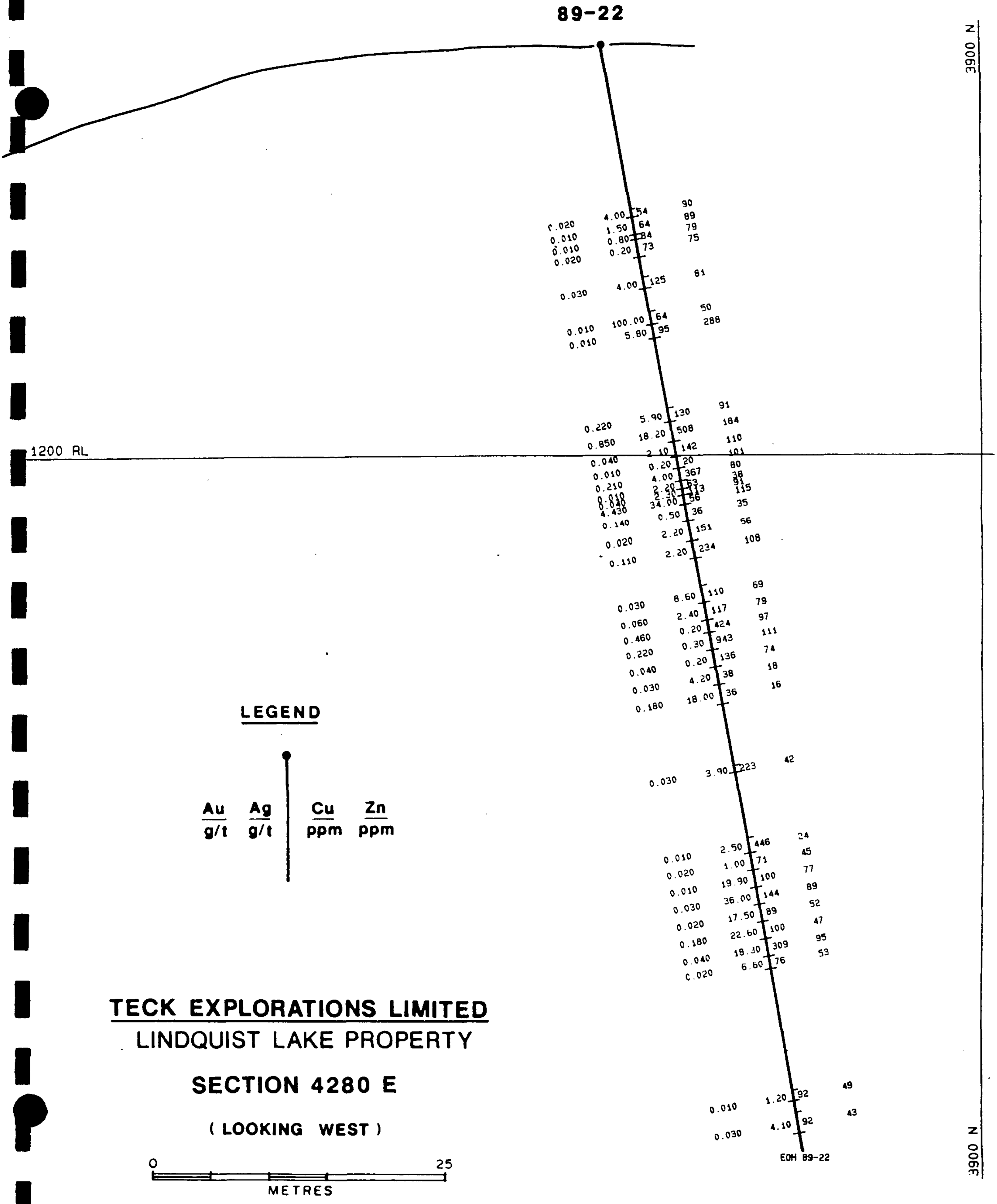
BOX

DDH: 89-22

Page 6 of 6

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
	89												
					99%				G/T	G/T	PPM	PPM	
						26209	90.7-91.6	0.9	0.01	1.2	92/49	22/5	
91.7- 91.6 , 92.6 - 94.4	91												
EPIDOTE BRECCIA		Ep		91.44									
15% EPIDOTE MAFIC						26210	92.6-94.4	0.8	0.03	4.1	92/43	17/2	
GRANODIORITE HOST ROCK.	93	Ep											
94.4- 96.01 MAFIC GRANODIORITE.		Ep			94%								
	95												
		96.01	EOH.	96.01									

DDH: 89-22



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4280 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 3

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2004 N 5248 E
Coord. - Collar N: 3863.32
E: 4278.49
Elev. - Collar: 1234.81
Date Started: 14 SEPT 89
Date Completed: 15 SEPT 89
Hole No.: 89-23
Bearing at collar: 180°
Inclination at collar: -80°
Length: 60.66
Core Size: BQ Thinwall
Logged By: P.F.

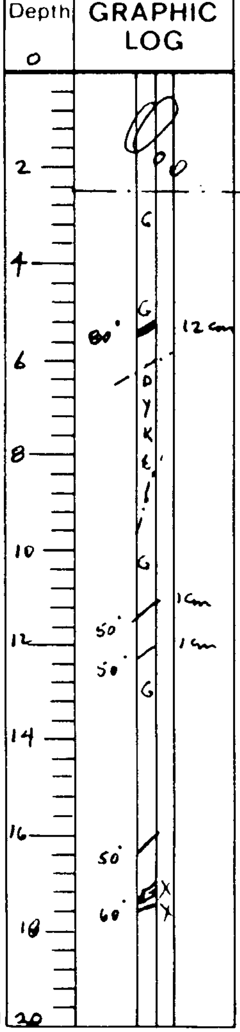
LEGEND

Granodiorite	G	Silica	☒
Quartz	▨	sericite	⁙
	☐		☐
	☐		☐

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
0-2.44 CASING							G/T	G/T	PPM	PPM
2.44-6.1 BROKEN WEAKLY FOLIATED MAFIC GRANODIORITE		3.44								
			60%							
	50% MAG - PY. IN QTZ.	5.79		26211	5.7-6.0	0.3	0.03	2.2	228/130	14/2
6.1-8.9 GREY-GREEN DYKE			99%							
8.9-27.2 WEAKLY ALTERED MAFIC GRANODIORITE MORE OR LESS FOLIATED. ZONES OF WEAK CRACKLE BRECCIA - CHLORITE MATRIX ALONG FRACTS.		8.84								
			99%							
		11.89								
			99%							
		14.94								
	TRACES QTZ.			26212	16.5-17.8	1.3	0.03	1.5	113/51	13/2
	WEAK SILICIFIED ZONE		99%							
		17.98								



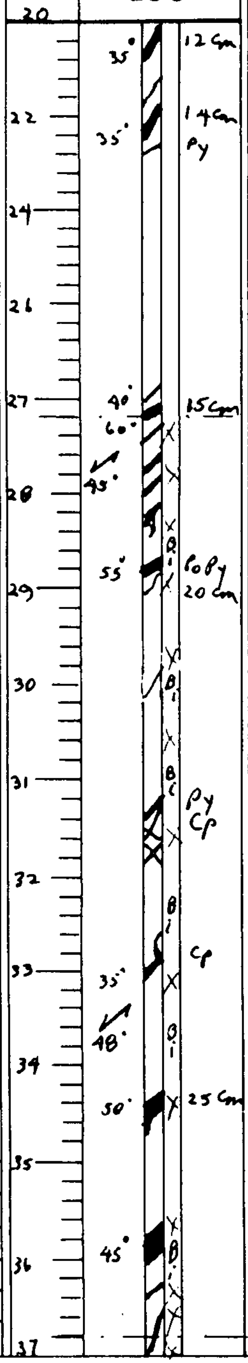
BOX

DDH: 89-23

LITHOLOGY, ALTERATION, MISC.

27.2 - 36.8 INTENSELY FOLIATED GRANODIORITE. BIOTITE ALT. AND QTZ. VEINING.

Depth **GRAPHIC LOG**



MINERALIZATION

WHITE QTZ. TRACES PY, Cp

WHITE QTZ.

QTZ. VEIN PARALLEL TO FOLIATION.

WHITE, CHLORITIC QTZ.

RECOVERY		ANALYTICAL						
Run	%	Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
					G/T	G/T	PPM	PPM
21.03								
		26213	20.5-22.0	1.5	0.02	1.7	63/97	9/2
	95%							
		26214	22.0-23.5	1.5	0.03	2.3	70/72	12/2
24.08								
	99%							
		26215	26.6-27.7	1.1	0.19	2.2	183/112	15/3
27.13								
		26216	27.7-28.7	1.0	0.11	2.1	260/132	14/2
	99%	26217	28.7-29.2	0.5	0.90	12.2	714/323	12/2
		26218	29.2-30.2	1.0	0.03	2.5	81/156	13/2
30.18		26219	30.2-31.7	1.5	0.38	2.2	186/902	12/3
	99%	26220	31.7-33.2	1.5	0.20	1.6	158/171	10/2
32.92								
		26221	33.2-34.4	1.2	0.11	2.1	120/160	50/7
	90%							
		26222	34.4-35.7	1.3	0.03	3.9	210/125	10/7
		26223	35.7-36.1	0.4	0.37	8.0	590/210	20/675
35.97								
		26224	36.1-36.8	0.7	0.38	4.2	190/101	23/210

BOX

DDH: 89-23

Page 3 of 3

DDH: 89-23

LITHOLOGY, ALTERATION, MISC.

36.8 - 38.3 MAFIC GRANODIORITE, WEAKLY FOLIATED. WEAKLY SILICIFIED

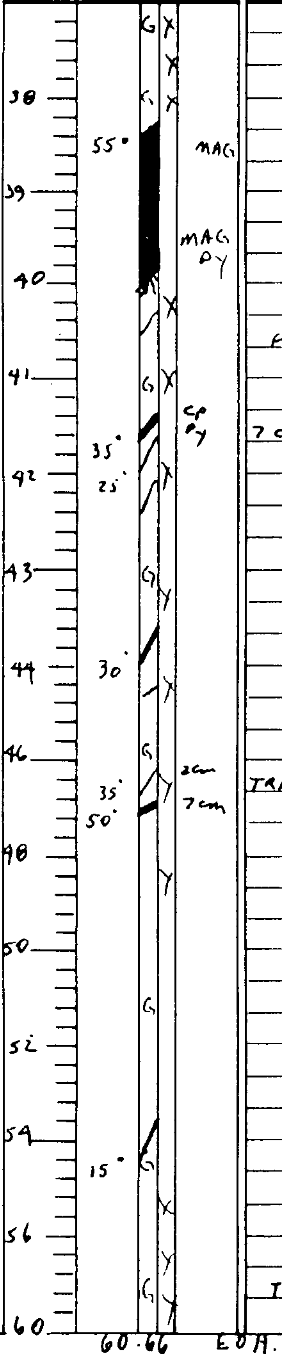
38.3 - 39.9 QUARTZ VEIN. PATCHY MAGNETITE 5% LESSER PYRITE. CHLORITE FRACTURES @ 20° BOTTOM CONTACT IS GRADATIONAL

39.9 - 60.66. GRANODIORITE. WEAKLY FOLIATED MODERATELY SILICIFIED MAFIC GRANODIORITE

BLEACHED ENVELOPE AROUND THICK CHLORITIC FRACTURES.

CALCITE, CHLORITE VEINLETS MINOR QTZ. ALMOST PARALLEL TO CORE.

Depth / GRAPHIC LOG



MINERALIZATION

FRACTURE ZONE

7 cm WELL MIN. VEIN.

TRACES PY

TRACES DISSEM PY

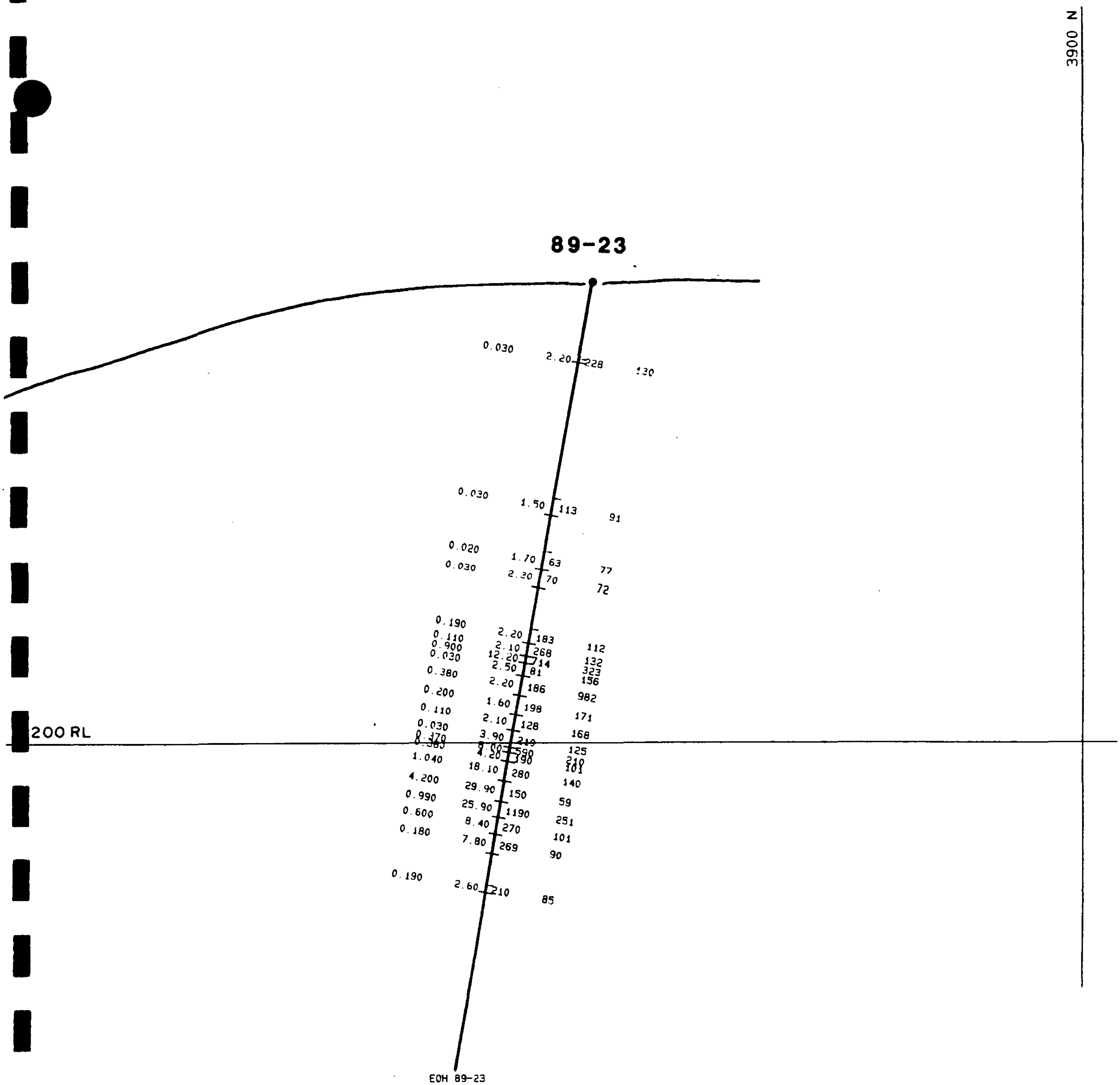
RECOVERY

Run	%
	99%
39.01	99%
40.84	97%
42.37	97%
44.81	95%
46.33	93%
47.85	97%
48.46	99%
51.51	99%
54.56	99%
57.61	99%
60.66	

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
26225	36.8-38.3	1.5	1.04	18.1	280/140	17/325
26226	38.3-39.9	1.6	4.20	29.9	150/59	15/9
26227	39.9-41.1	1.2	0.99	25.9	1190/251	10/560
26228	41.1-42.4	1.3	0.60	8.4	270/101	13/15
36229	42.4-43.9	1.5	0.18	1.8	269/90	25/6
26230	46.3-46.9	0.6	0.19	2.6	210/85	33/2

BOX



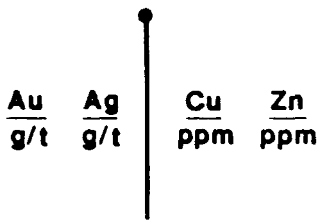
TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4280 E

(LOOKING WEST)

LEGEND



DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 3

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2004N 5248E
Coord.- Collar N 3863.32
E 4278.49
Elev.- Collar 1234.86
Date Started 15 SEPT 89
Date Completed 16 SEPT 89

Hole No. 89 - 24
Bearing at collar 180°
Inclination at collar -50
Length 46.94
Core Size BQ Thinwall
Logged By P.F.

LEGEND
- Granodiorite G
- Quartz ▨
- Dyke D
- Silica ☒
- Sericite ⁙

SURVEY

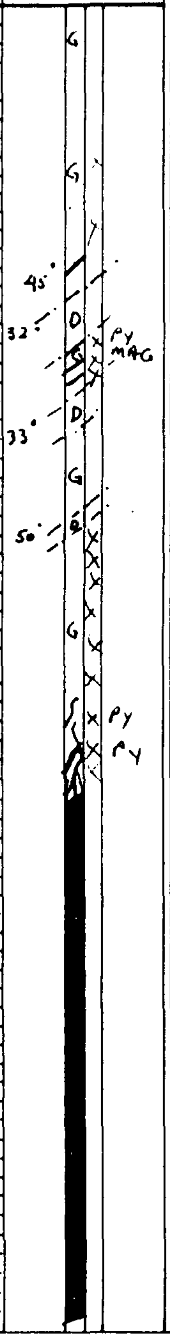
Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	RECOVERY %	ANALYTICAL Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W	BOX
	3												
0- 3.05 CASING		G		3.05					G/T	G/T	PPM	PPM	
					93%								
3.05 - 5.2 MAFIC GRANODIORITE,		G											
HIGHLY BROKEN.	5	D	DYKE	5.49									
5.2 - 6.1 GREY GREEN FINE GRAINED		G											
DYKE	7	80° 3cm	QTZ. VEIN.		92%								
6.1 - 29.3 MAFIC GRANODIORITE.		K	WEAK KSPAR ALT.	8.53									
CHLORITE ALTERATION OF MAFICS	9												
SOME WEAK CHLORITE BRECCIA					99%								
FABRIC.													
	11	G											
				11.58									
		45° MAG Py	WEAK STRINGER ZONE			26231	12.1-12.7	0.6	0.06	2.2	105/62	20/14	
	13				99%								
				14.63									
	15												
					99%								
		G											
	17												
				17.68									
19.1 CENTER OF FAULT ZONE			HIGHLY BROKEN										
ALMOST PARALLEL TO CORE.	19				99%								
				20.73									
	21	G			99%								
22.6 - 22.7 SMALL DYKE.	23		DYKE										

DDH: 89-24

Depth	LITHOLOGY, ALTERATION, MISC.	MINERALIZATION
23		
25	CHLORITE ALT, FRACTURES GRADUALLY INCREASING SILICIFICATION	
27		
29	29.3 - 30.3 GREY-GREEN DYKE 30.3 - 31.3 MAFIC GRANODIORITE	COARSE PY QTZ VEINING, COARSE PY, MAG.
31	31.3 - 32.5 - GREY-GREEN DYKE	
33	32.5 - 34.1 MAFIC GRANODIORITE 34.1 - 34.5 GREY GREEN DYKE	
35	34.5 - 37.3 ALTERED, SILICIFIED FOLIATED GRANODIORITE WITH QTZ VEINING.	
36	STRINGER ZONE IN HANGING WALL OF VEIN.	
37	37.3 - 42.9 QUARTZ VEIN. CHLORITIC VEIN WITH PATCHY PYRITE AND MAGNETITE MINERALIZATION. COARSE PY ON FRACTURES.	WEAK PY IN STRINGERS
38		
39		
40		
41		
42		
43		

GRAPHIC LOG



RECOVERY Run	%
23.77	
	99%
27.13	
	99%
29.87	
	99%
32.61	
	99%
35.97	
	98%
37.80	
	99%
38.71	
	99%
40.23	
	99%
42.06	

ANALYTICAL						
Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM
26232	30.3-31.3	1.0	0.04	1.9	65/89	19/2
26233	34.5-36.0	1.5	0.18	5.7	257/390	23/39
26234	36.0-37.3	1.3	0.63	9.6	335/106	23/34
26235	37.3-37.8	0.5	1.60	23.9	182/28	21/2
26236	37.8-38.7	0.9	0.12	3.6	280/41	25/2
26237	38.7-39.8	1.2	0.03	1.9	75/60	15/2
26238	39.8-41.1	1.2	0.76	13.9	55/21	42/3
26239	41.1-42.0	0.9	1.03	14.0	110/15	20/16
26240	42.0-42.9	0.9	0.12	4.1	140/27	45/2

BOX

DDH: 89-24

Page 3 of 3

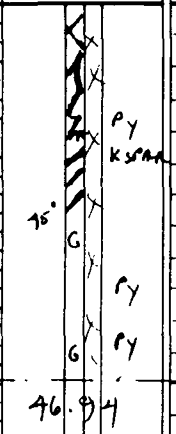
LITHOLOGY, ALTERATION, MISC.

42.9- 46.94 GRANODIORITE, SILICIFIED MAFIC GRANODIORITE, TRACES KSPAR ALT, PYRITE ALTERATION.

Depth

43
44
45
46
46.94

GRAPHIC LOG



MINERALIZATION

PYRITIC QTZ STRINGER ZONE.

DISSEM Py.

EOH

RECOVERY

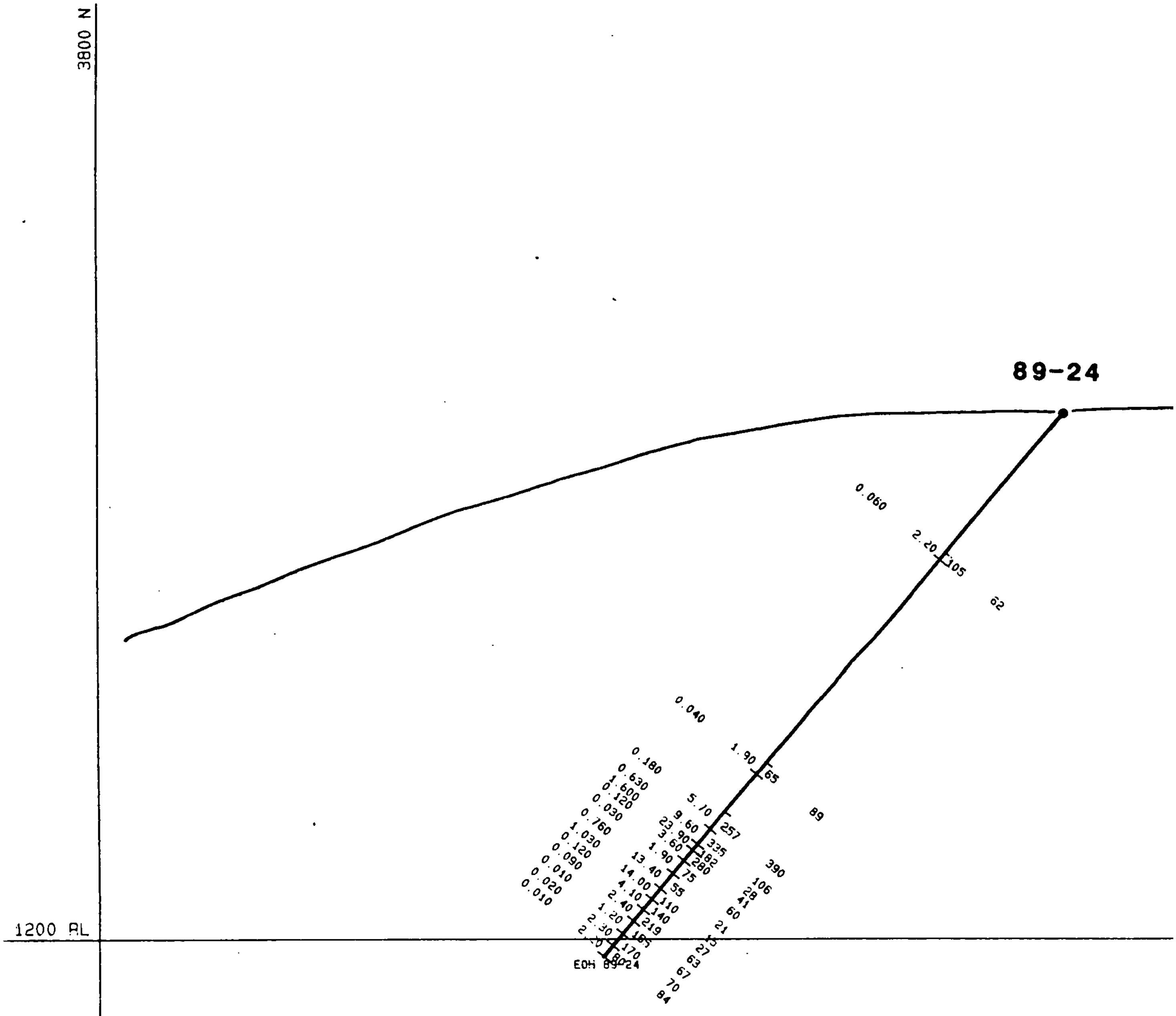
Run	%
	99%
46.94	

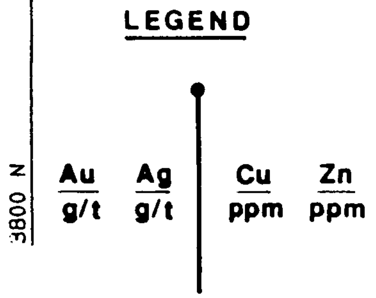
ANALYTICAL

Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM
26241	42.9-43.9	1.0	0.09	2.4	219/63	95/2
26242	43.9-45.0	1.1	0.01	1.2	165/67	17/7
26243	45.0-46.0	1.0	0.02	2.3	170/70	14/24
26244	46.0-46.94	0.94	0.01	2.2	80/84	27/1360

BOX

DDH: 89-24





TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 4280 E

(LOOKING WEST)

0 25

METRES

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property Deerhorn
Location LINDQUIST LAKE
GRID 2072N 4876E
Coord.- Collar N 3914.72
E 3905.84
Elev. - Collar 1332.03
Date Started Sept 17/89
Date Completed Sept 18/89

Hole No. 89-25
Bearing at collar north
Inclination at collar -45
Length 63.4 m
Core Size BQ Thinwall
Logged By A.J. Pasdue

LEGEND

Granodiorite	G	Sericite	⁙
Quartz	◢	Silica	☒
Greywacke	W	Potassic alt^y	K
Sandstone	S		☐

SURVEY

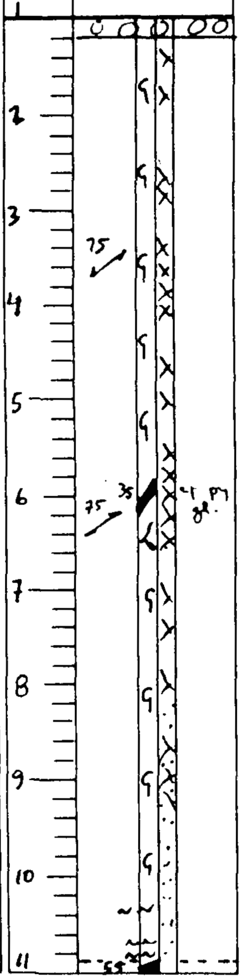
Depth	Bearing	Inclination
62 m	001°	-45°

LITHOLOGY, ALTERATION, MISC.

0 - 1.2 : Casing.

1.2 - 10.9 Granodiorite - speckled med gy + white. Well foliated but visible granite texture. 15-35% mafics → dominantly biotite. Variable silicification + sections of mod. Si + loc. white qtz.

(8.8-10.9) w. clay alt^y increasing in intensity downsection where there are sections of pebbly gouge in lower 35 cm + loc badly broken.



MINERALIZATION

Qtz: white, sharp contacts 7 cm wide. 2% diss cp + minor py + tr gl.

RECOVERY

Run	%
1.2	
4.0	100
5.5	100
8.5	100

ANALYTICAL

Sample	Interval to	width	Au G/T	Ag G/T	Cu / Zn PPM	Pb / W PPM
26245	5.5-6.0	0.5	0.03	2.1	130 / 165	29 / W
26246	6.0-6.5	0.5	0.27	8.4	440 / 391	37 / 2
26247	6.5-7.1	0.6	0.05	2.5	102 / 100	25 / 2
26248	10.3-10.9	0.6	0.12	2.0	92 / 96	22 / 2

BOX

DDH: 89-25

Page 2 of 4

LITHOLOGY, ALTERATION, MISC.

10.9- 11.5: Qtz Vn: white qtz c̄ local i-corroded altd gdr frags + minor off-white carb specks. HW sharp, FW in low angle str (~15° to C.A.)

11.5- 14.4: Qstr Zone / Qtz Vn: upper .95m is altd gdr cut by ~50% white qtrs following 1.3 m is dominantly white qtz c̄ local sections of altd gdr. Rest of section is altd gdr c̄ mod qtz flood + irregular qstrs.

14.4- 26.75 Granodiorite - pale gy - dk grn weakly foliated c̄ chloritic mafics forming "mafic envelopes" around felsic minerals ~ 15-20% mafics. i-Si

(15.2 - 16.3) - w → m sericite. Mod white qtz strs. Badly broken in bottom of section. Well foliated

(19.6 - 19.7) angular pebbly gouge → fault

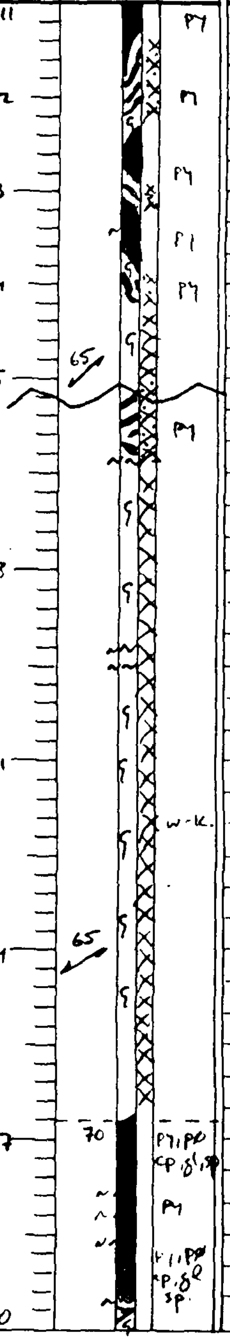
(22.9 - 23.5) faint K -altn

26.75- 29.45: Qtz Vn: white, translucent white and local gy qtz. Weak to locally mod broken in central portions of vein. HW sharp, FW in strs + broken core. Type of qtz varies c̄ mineralization → gy qtz c̄ best, white qtz where mineralization is weakest.

Depth

11
12
13
14
15
18
21
24
27
30

GRAPHIC LOG



MINERALIZATION

Q.V: white + minor translucent qtz. Dk to lt gy streaks. ~1% diss py

Qstr Zn + Q.V's: white + lesser translucent white qtz. 1-2% diss py → generally f.g. but also local c.g. + patches. V. local grey streaks.

Qstrs: white, irregular orientations. 1-2% py → dominantly c.g.

QV: Best mineralization in upper 0.55 m. Mod. mineralized in bottom 1.2m weak mineralization in rest of section. 1 → local 8% : py, po, cp, gl sp

RECOVERY

Run	%
	100
11.6	
13.4	100
14.6	99
18.6	90
21.0	100
22.9	100
24.1	100
27.1	100
29.9	100

ANALYTICAL

Sample	Interval to	width	Au g/t	Ag g/t	Cu / Zn	Pb / W
26249	10.9-11.5	0.6	0.19	3.7	127 / 26	10 / 2
26250	11.5-12.4	0.9	0.04	0.5	162 / 95	17 / 2
26251	12.4-13.1	0.7	0.05	0.2	89 / 111	25 / 2
26252	13.1-13.8	0.7	0.01	0.3	85 / 100	21 / 2
26253	13.8- 14.4	0.6	0.03	0.2	90 / 93	34 / 5
26254	14.4-16.2	1.8	0.10	0.3	82 / 87	24 / 2
26255	16.2-16.3	1.1	0.09	0.6	97 / 172	20 / 2
26256	25.7-26.75	1.05	0.03	2.7	68 / 113	31 / 2
26257	26.75-27.3	0.55	40.90	1890.0	3000 / 17600	227 / 3
26258	27.3-28.3	1.0	0.37	12.7	510 / 220	11 / 2
26259	28.3-28.9	0.6	1.30	52.0	2360 / 4800	23 / 2
26260	28.9-29.45	0.55	0.43	16.3	355 / [illegible]50	14 / 2

BOX

DDH: 89-25

LITHOLOGY, ALTERATION, MISC.

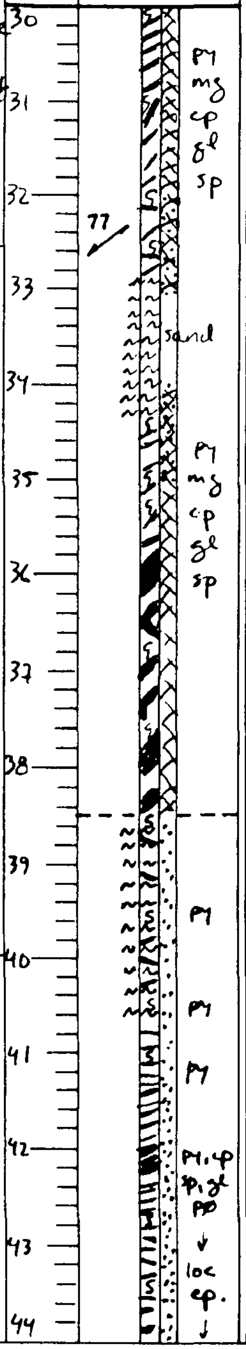
29.45- 38.5 : Qstr. Zone in granodiorite
(29.45-32.0) light grn-gy grdr, v. clouded
foliated, granite texture. Cut by abundant
white qstrs ≤ 3cm width @ mod →
high angles to C.A. i-Si.

(32.0-35.4) - pale grn-gy + faint yellow.
i-Si + m→i sericite. Mod → abundant
qstrs.
Sand + intensely broken core @
32.9 - 34.4 → fault

(35.4- 38.5) - med grn-gy, very local
granite texture, dominantly aphanitic
appearance. i-Si. Abundant
qstrs + small qtz vns (≤ 0.3m)
^ 10% qtz in section.
Local mod broken + sheared sections

38.5- Sand Stone - pale yellow-grn to
light grn. f.g → m.g. c̄ local larger
(2mm → 10mm dia.) rounded white qtz
frags. ~~[illegible]~~ v.c. sst → feldspathic.
(38.5 - 45.25) pale yellow grn → lt gy-grn
mod → i sericite. Abundant white
qstrs @ high angle to C.A. Local
i- qstrs / q.v. @ 42.0 - 42.3
Badly ~~broken~~ + sheared @ 44.2-44.35
moderately broken in upper 1.3m.

Depth GRAPHIC LOG



MINERALIZATION

Qstr zone: 1-2% diss sx
in qtz-ser grdr : py, mg,
loc cp, gl. + sp.
Sx decrease slightly
in sericitized rk

Qstr zone - dominantly
white qstrs ≤ 1cm wide
Local q.v. / i-qstrs over
30 cm width. v. local
grey qtz c̄ strong
mineralization @ 44.1 →
44.4m. 1 → local 3%
sx dominantly in qstrs.
py, cp, sp, gl, po

RECOVERY	
Run	%
32.6	100
32.9	100
34.4	27
36.0	93
39.0	80
42.1	52

ANALYTICAL						
Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
26261	29.45-30.6	1.15	0.28	14.0	185/1100	43/2
26262	30.6-31.7	1.1	0.24	11.8	610/3100	21/2
26263	31.7-32.9	1.2	0.13	5.7	197/695	17/2
26264	32.9-34.4	1.5	0.21	29.1	720/1380	42/29
26265	34.4-35.4	1.0	0.41	14.2	335/824	43/5
26266	35.4-36.4	1.0	1.03	36.0	950/1200	31/2
26267	36.4-37.4	1.0	0.09	4.3	305/838	19/2
26268	37.4-38.5	1.1	0.20	30.3	1190/2100	29/2
26269	38.5-39.7	1.2	0.23	6.7	486/1325	21/4
26270	39.7-40.8	1.1	0.19	4.0	210/130	92/3
26271	40.8-41.9	1.1	0.03	6.2	227/367	24/3
26272	41.9-43.0	1.1	0.45	15.5	286/795	82/2
26273	43.0-44.1	1.1	0.30	10.3	200/384	85/2

BOX

DDH: 89-25

DDH: 89-25

LITHOLOGY, ALTERATION, MISC.

Sandstone (cont)

(45.25- 48.0): lt gy-grn, w-sericite, local epidote bands 2→5 cm wide @ high angle to C.A. Loc w-qtz vns, ≤ 1cm wide @ 65 - 70°

(48.0- 51.4): lt grey ū local faint grn + pale yellow tones. Sub rounded specks of qtz (?) ≤ 2 mm length scattered throughout. Local white qtz vns: i-si. local med-sericite ⇒ possible quartzite

(51.4 - 53.2) - lt gy. f.g → m.g. Faint foliation / bedding? w → med sericite mod. qtz vns 1→4 cm wide @ high angles to C.A. core darkens gradually in bottom 60 cm.

53.2 - 55.15 : Argillaceous wacke / sandstone Dk gy to blk ū sub angular → rounded frags of white qtz?. (≤ 6mm. dia.) floating in f.g. matrix. Gradational contacts

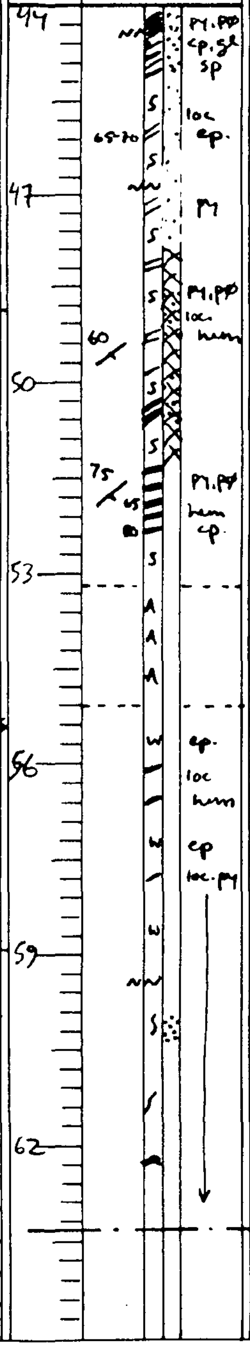
55.15 - 63.4 : Greywacke / Sandstone : lt gy f.g. matrix ū white qtz (?) frags as described above. Unit is same as that described in previous holes as greywacke. Weak sericite, irregular patches + bands of epidote Local w- qtz + carb. strs.

Badly broken or minor sandy gouge @ 59.5 - 59.6 m.

I- sericite + clay alt^n @ 60.1 - 60.5

E.O.H. : 63.4 m

GRAPHIC LOG



MINERALIZATION

Qtz vns: white + translucent ū loc. gy qtz 1-3% sx: py, po, cp, gl, sp.

loc. py in qtz vns.

Silicified Zone - ≤ 1% sx. In loc. qtz vns + host rk. py, po, loc hem

Qtz vns: white ū - 2% sx: py, po, hem + cp.

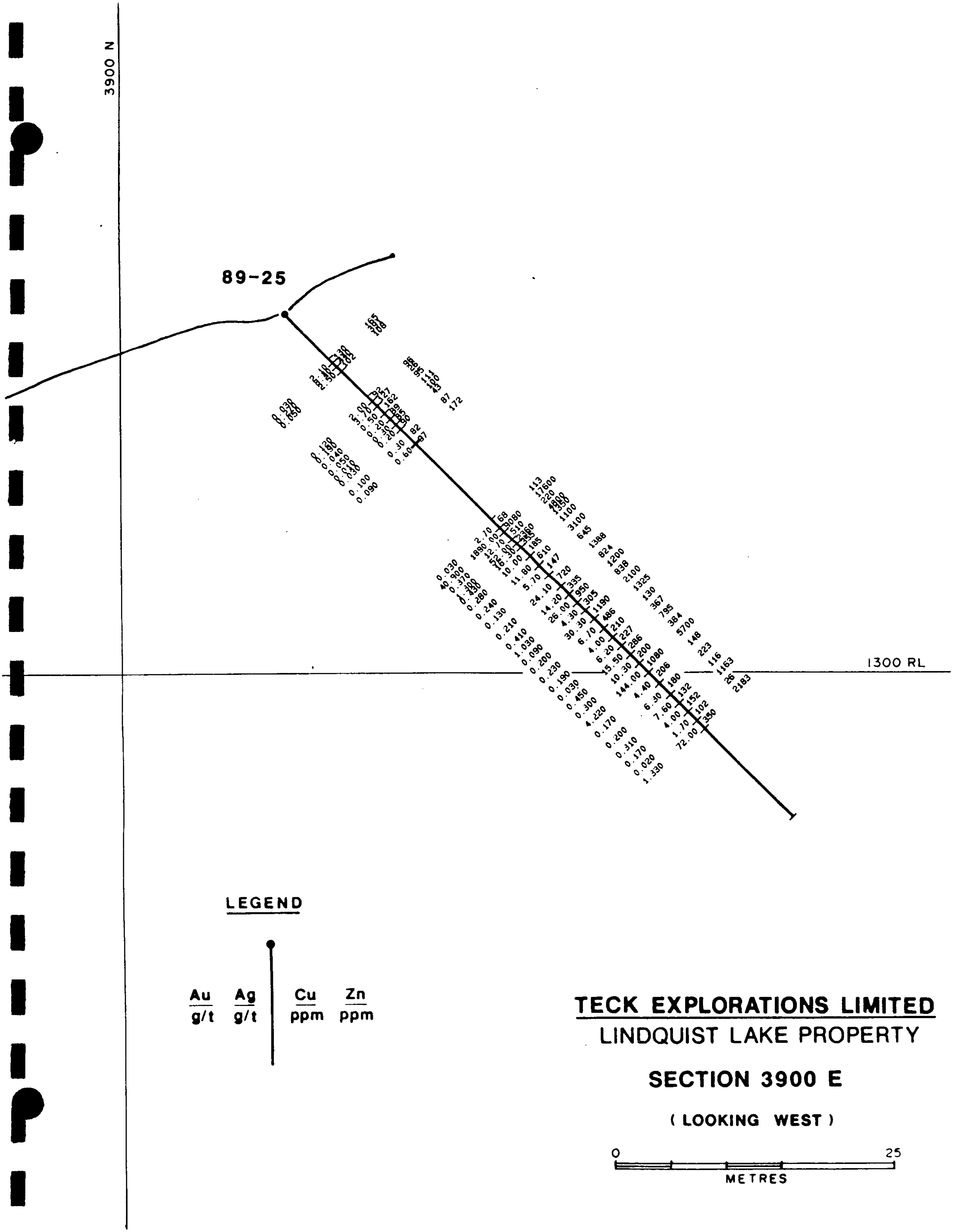
RECOVERY

Run	%
45.1	100
48.2	100
51.2	100
54.3	100
57.3	100
60.4	100
63.4	100

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
26274	44.1-45.25	1.15	4.22	144.0	1080/5700	423/2
26275	45.25-46.6	1.35	0.17	4.4	206/148	33/2
26276	46.6-48.0	1.4	0.20	6.3	180/223	47/2
26277	48.0-49.1	1.1	0.31	7.6	132/116	26/3
26278	49.1-50.2	1.1	0.17	4.0	152/1163	103/2
26279	50.2-51.3	1.1	0.02	1.7	102/26	13/2
26280	51.3-52.3	1.0	1.33	72.0	350/2103	142/3

BOX



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3900 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 4

Property: Deerhorn
Location: LINDQUIST LAKE
GRID 2072N 4876E
Coord.– Collar N: 3914.72
E: 3905.84
Elev.– Collar: 1332.03
Date Started: Sept 18/89
Date Completed: Sept 20/89
Hole No.: 89-26
Bearing at collar: north
Inclination at collar: -60
Length: 66.4m
Core Size: BQ Thinwall
Logged By: A. J. Pardoe

LEGEND

Granodiorite	g	Skarn	S
Quartzite	Q		☐
Quartz	▨	silica	☒
Greywacke	W	sericite	⁛

SURVEY

Depth	Bearing	Inclination
64.9 m	001°	-59°

LITHOLOGY, ALTERATION, MISC.

0 - 1.2 Casing

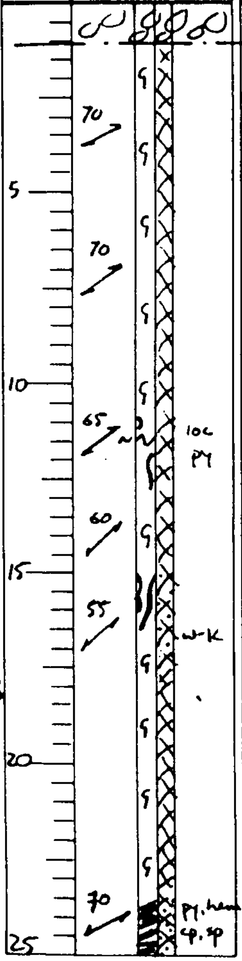
1.2 - 25.2: Granodiorite - speckled dk grn + blk + white. Mg → c.g, well foliated. ~ 35% mafics → mostly altd to chlorite. m→i Si

(10.3 - 11.4) Local irregular, low angle white qtz vns. Core is badly broken + gouged (fault) @ 10.4 - 10.5.

(15.1 - 17.2) Local white qtz vns sub// to C.A. w-sericite. W-K alt^y in lower 1.0 m.

(17.2 - 23.8) mafics decrease to ~ 20-30% + texture is w→mod. clouded i-Si, local w-sericite. No measureable foliation

(23.8 - 25.2) Qtz flooding + intense qtz vns. White + later(?) translucent qtz. i-Si m→i sericite. Local i-foliation



MINERALIZATION

Qtz flood + vns: 1% diss py + hem + loc cp + tr sp?

RECOVERY

Run	%
1.2	100
4.0	100
5.8	100
8.8	100
11.9	87
14.9	100
18.0	100
21.0	100
24.1	100
24.7	100

ANALYTICAL

Sample	Interval to	width	Au	Ag	cu / zn	pb / w
			G/T	G/T	PPM	PPM
26281	23.4-24.4	1.0	0.18	7.2	133 / 2050	35 / 2
26282	24.4-25.2	0.8	0.17	20.0	493 / 2770	57 / 4

BOX

DDH: 89-26

LITHOLOGY, ALTERATION, MISC.

25.2- 27.9 : Qtz Vn - white - translucent qtz, local gy qtz in upper 1.0 m. Minor chl. & strong mineralization in upper 1.0 m. Mod. fractured - broken in central portion. HW ribboned in altd grdr @ ~75°. FW sharp @ 70°. Local i-sericitized grdr frags & short sections (< 20 cm wide)

27.9 - 34.3 granodiorite

(27.9 - 28.9) med gy-grn, aphanitic, w→m Si. Local qtrs

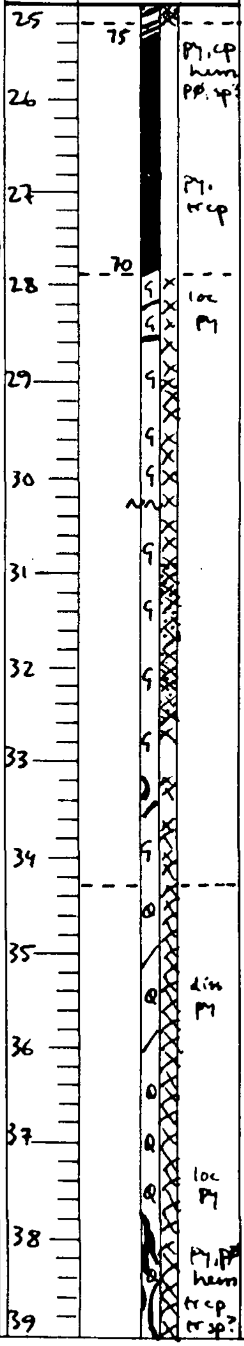
(28.9 - 30.9) med grn-gy to light gy, variably speckled to aphanitic texture. mod to local i - Si Local irregular qtrs. 10 cm of gouge @ 30.2.

(30.9 - 32.7) pale grn-gy. clouded c.g. granite texture. i-Si, m→I sericite.

(32.7 - 34.3) med grey w grn tones, clouded to strongly foliated granite texture, variably nil to i-Si very local irregular white qtrs.

34.3- 41.5 : Quartzite (i-Si Sandstone?) - light grn-gy, aphanitic matrix w fine dk specks of py(?) + local sericite

(37.7 - 41.5) abundant irregular, mod → low angle, white qtrs. Several moderately broken sections



MINERALIZATION

QV : Strong mineralization & chl strs in upper 1.0 m → 2-3% sx : py, cp, tr pø hem, tr sp gl? Weaker diss sx in rest of vn → ~1% diss py + loc tr cp

Qstr Zone : qtrs are ~ 20% of core. ~1% diss sx, mostly in qtz : py, pø tr cp, tr sp?, loc hem.

RECOVERY

Run	%
27.1	85
30.2	100
31.7	100
32.9	100
360	100

ANALYTICAL PPM

Sample	Interval to	width	Au g/T	As g/T	Cu / Zn	Pb / W
26283	25.2-25.7	0.5	5.35	199.0	1030 / 5050	77 / 2
26284	25.7-26.2	0.5	7.13	252.0	2640 / 4550	61 / 3
26285	26.2-27.1	0.9	0.51	16.0	281 / 2500	17 / 2
26286	27.1-27.9	0.8	0.05	3.7	49 / 365	15 / 2
26287	27.9-28.9	1.0	0.29	15.2	580 / 2000	31 / 2
26288	36.7-37.7	1.0	0.03	1.2	126 / 53	19 / 2
26289	37.7-39.0	1.3	0.08	2.0	102 / 239	19 / 4

BOX

DDH: 89-26

LITHOLOGY, ALTERATION, MISC.

Quartzite (cont.)

(39.9-41.5) mod. broken.

41.5-42.1 : Qtz Vn : white + minor translucent qtz. HW @ ~40°, FW in badly broken core

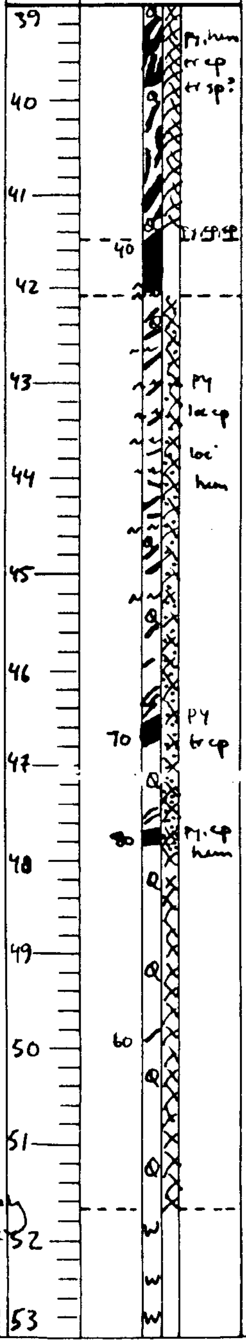
42.1-51.7 : Quartzite

(42.1-48.0) : light gy w pale yellow streaks. i-Si, mod sericite becoming intense in lower 0.8 m. i-qtz decreasing to weak downsection. Mod→badly broken in upper 3.4m

(48.0-51.7) lt gy matrix w indistinct white qtz frags floating. i-Si local w→m sericite → possibly i-Si greywacke?
Mod broken in bottom 0.3 m.

51.7-55.3 : Greywacke : med gy darkening to dk gy downsection. F.g. (sandy) matrix w scattered white rounded qtz + local blk frags.

Depth / GRAPHIC LOG



MINERALIZATION

Qtz Zone : as described previous page except @ 39.1-39.9 is i-qtz/flood w 1-2% sx

Q.V. - barren except for sx @ HW contact → py, cp, sp

Qstrs : mod + abundant, white w ≤1% sx : py, loc cp + hem

Qstrs : w→mod, up to 20 cm wide. Dominantly white w translucent + loc. gy qtz in larger strs. Str. @ 80° is well mineralized : 2-3% sx : py, cp, hem. Weaker sx in rest of strs : ≤1% py + tr cp.

RECOVERY

Run	%
39.0	100
42.1	100
45.1	48
48.16	98
51.2	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn (PPM)	Pb / W (PPM)
26290	39.0-39.9	0.9	0.14	1.7	91 / 773	17 / 2
26291	39.9-40.7	0.8	0.13	0.2	78 / 78	21 / 2
26292	40.7-41.5	0.8	0.17	2.1	205 / 1755	25 / 2
26293	41.5-42.1	0.6	0.15	0.3	23 / 47	16 / 4
26294	42.1-43.6	1.5	0.10	2.2	77 / 342	25 / 2
26295	43.6-45.1	1.5	0.17	4.6	146 / 782	19 / 2
26296	45.1-46.0	0.9	0.19	2.3	126 / 707	43 / 2
26297	46.0-47.0	1.0	0.21	5.2	259 / 531	52 / 2
26298	47.0-48.0	1.0	2.14	81.0	1210 / 1895	57 / 2
26299	48.0-49.0	1.0	0.05	0.6	46 / 87	33 / 43

BOX

DDH: 89-26

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LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width					

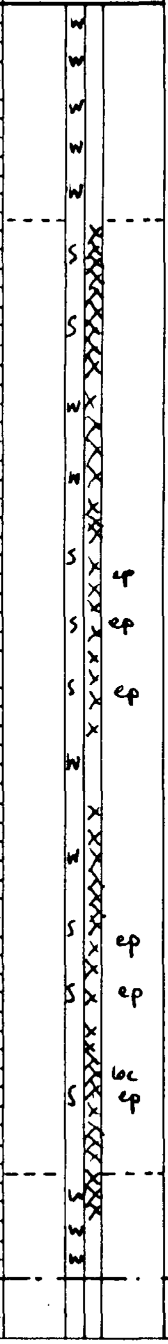
Greywacke (cont)

55.3-65.3 : Mixed Skarn + Greywacke - lt→med gy greywacke as described above but with generally mz + Si. Locally non-silicified. Local bleached + i-Si sections. Several epidote rich sections + patches. Local w+m qtz+cass strs.

65.3-66.4 - Greywacke

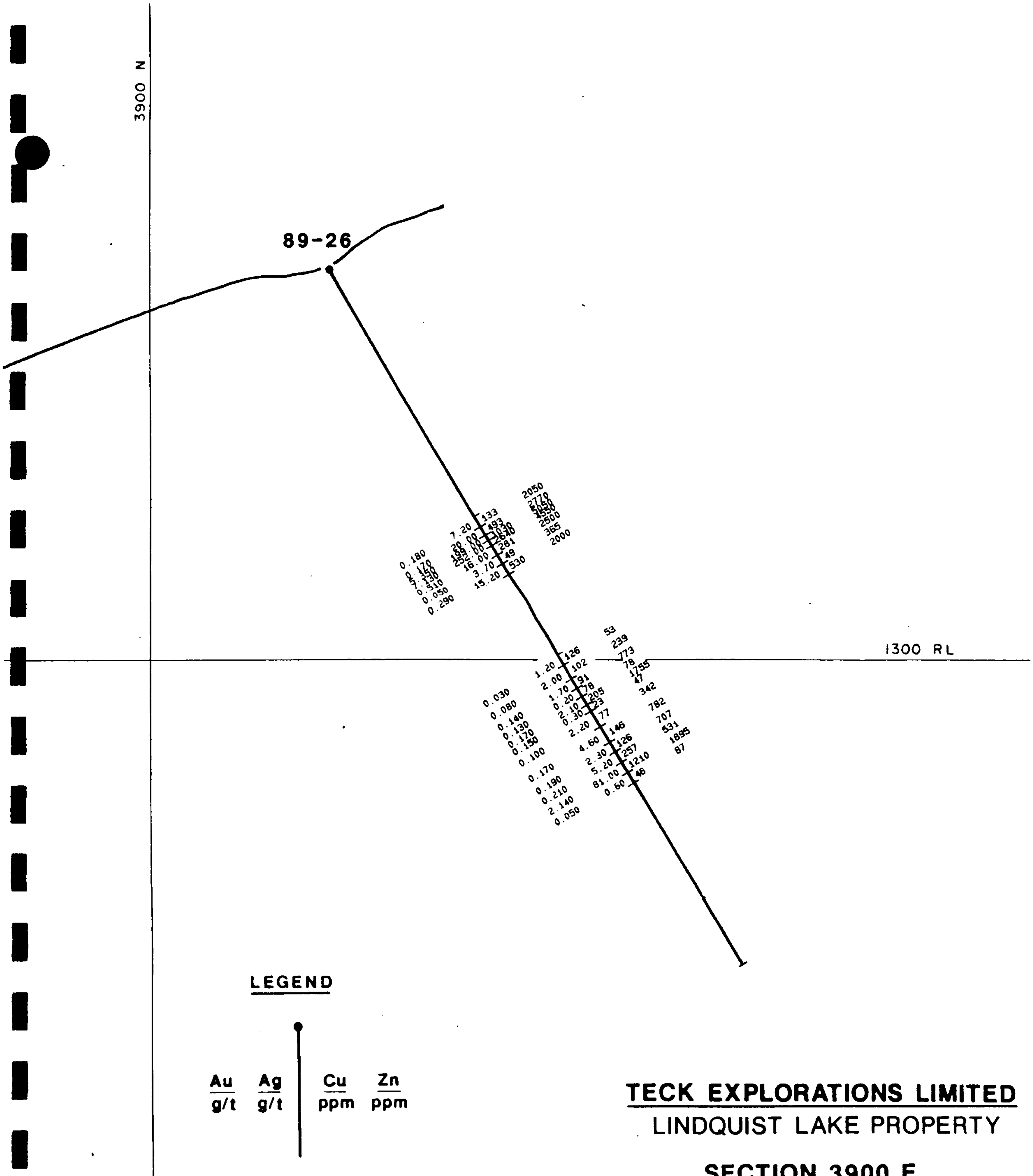
E.O.H. 66.4m

Depth
53
54
55
56
57
58
59
60
61
62
63
64
65
66



Run	%
54.3	100
57.3	100
60.35	100
63.4	100
66.4	100

DDH: 89-26



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3900 E

(LOOKING WEST)

0 25
METRES

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 4

Property	Deerhorn	Hole No.	89-27
Location	LINDQUIST LAKE GRID 2072N 4876E	Bearing at collar	north
		Inclination at collar	-80°
Coord.- Collar N	3914.72		
E	3905.84	Length	69.8 m
Elev. - Collar	1332.03	Core Size	B.Q. Thinwall
Date Started	Sept 20/89		
Date Completed	Sept 22/89	Logged By	A.J. Pardoe

LEGEND

Granodiorite	G	silica	☒
Quartz	▨	sericite	⁘
Greywacke	W		☐
Quartzite	Q		☐

SURVEY

Depth	Bearing	Inclination
68.3		-79°

LITHOLOGY, ALTERATION, MISC.

0-1.2 : Casing

1.2-6.6 : Granodiorite - well foliated granite texture. 15-30% mafics - dominantly chlorite. m→i Si, locally w→nil Si. weak hem stain.

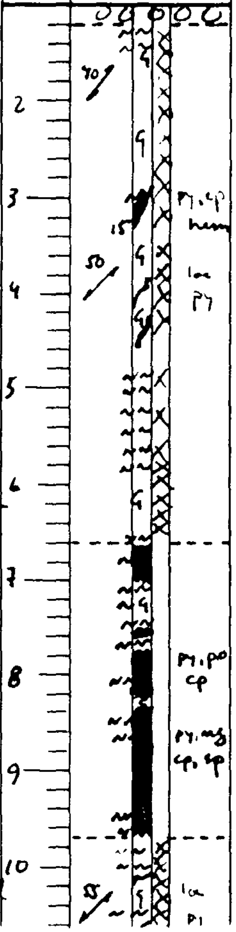
Badly broken @ 4.9-5.8.

Local qtz strs.

6.6-9.7 : Qtz Vn : white, lesser translucent and local gy qtz. Sections of alt'd grdr → possibly faulted in, locally bx. Mod to badly broken throughout. Fault w̄ white qtz + grdr bx @ 7.7-7.8 m. H.W + F.W both in broken core

9.7-24.0 : Granodiorite

(9.7-16.8) med → dk (grn) gy + white. Well foliated granite texture; clouded + obscured in upper 1.2 m. m-Si loc w-Si.



MINERALIZATION

Qtz str : white qtz + weak chl. ~2% sx : py, cp + hem

Local diss py + v. local py patches

Q.V. : white, translucent + local gy qtz. 1-3% sx : py, mg, po, minor cp + yellow sp. Loc chl strs in areas of strong mineralization

Local diss py

RECOVERY

Run	%
1.2	
3.7	67
5.8	100
8.8	89

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu/Zn (PPM)	Pb/W (PPM)
26300	2.3-2.9	0.6	0.10	1.8	142/152	52/2
26301	2.9-3.5	0.6	3.48	78.0	353/923	170/2
26302	3.5-4.6	1.1	0.14	2.4	157/175	71/9
26303	4.6-5.6	1.0	0.12	0.9	94/162	39/6
26304	5.6-6.6	1.0	0.09	2.1	134/193	57/5
26305	6.6-7.1	0.5	0.67	26.3	918/748	896/2
26306	7.1-7.9	0.8	2.34	81.0	1990/804	505/13
26307	7.9-8.8	0.9	0.18	13.6	785/152	52/4
26308	8.8-9.7	0.9	0.09	4.5	550/1885	48/2
26309	9.7-10.7	1.0	0.12	1.7	101/143	42/3

BOX

DDH: 89-27

Page 2 of 4

LITHOLOGY, ALTERATION, MISC.

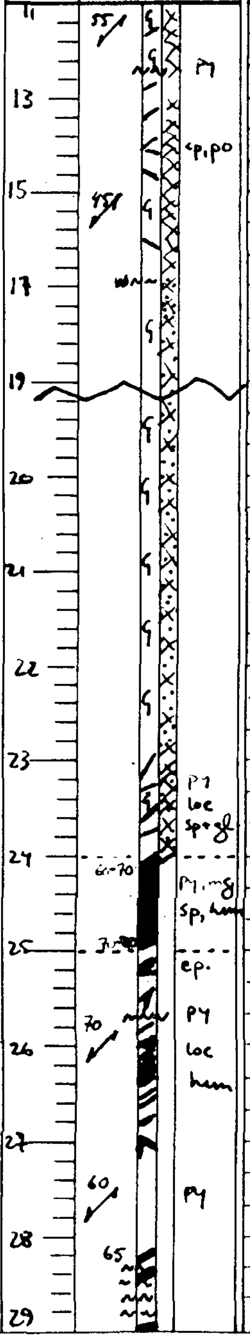
Granodiorite (cont)

(12.3-12.6) Fault: gouge + badly broken core

(16.8-17.5) - as above but mafics ↓ + rk is m→i sericitized. Broken in upper 0.4 m. mod. Si
(17.5-24.0) med→dk gy-grn + white c.g. granite texture - no measureable foliation. ~20-25% mafics (chlorite) w→m sericite. w. Si becoming m→i Si in lower 1.0 m. Local weak white qstrs. Local pervasive clay alt'n.

24.0-25.0: Qtz Vn - white + translucent qtz w̄ v. local gy qtz. Fairly sharp, but slightly irregular contacts. Well mineralized w̄ sx in short strs + local nets
25.0-52.0 Granodiorite
(25.0-30.1) pale gy, foliated w̄ visible c.g. granite texture. i-Si, m→i sericite. Mod → local abundant white qstrs + small veins except @ 27.2-28.2. Faults (broken core + gouge) @ 25.7 m and 28.3-28.7 m. ~40% qtz in upper 2.2 m.

Depth / GRAPHIC LOG



MINERALIZATION

Weak qstrs: white qtz, ≤ 2 cm wide @ mod→ high angles to C.A. Local py, very local cp+po

Qstrs: mod white qstrs in i-Si grdr ≤ 6mm wide. ~1% combined py, loc sp + gl
Q.V.: 2-3% sx: py, mg, sp, hem.

Qstrs: abundant, white + translucent qtz, somewhat irregular but @ high angles to C.A. ≤1% sx in grdr + qstrs: py, loc hem

RECOVERY

Run	%
14.9	97
18.0	100
21.0	100
21.9	100
24.1	100
27.1	100

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu/Zn	Pb/W
26311	11.7-12.8	1.1	0.07	0.5	23/89	27/15
26312	12.8-13.9	1.1	0.14	0.4	84/72	31/2
26313	13.9-14.9	1.0	0.16	0.6	77/113	38/2
26314	23.0-24.0	1.0	0.12	2.4	153/405	48/2
26315	24.0-24.5	0.5	0.08	6.7	725/4870	81/2
26316	24.5-25.0	0.5	1.52	20.5	565/4930	27/2
26317	25.0-26.1	1.1	0.10	1.9	82/376	25/12
26318	26.1-27.2	1.1	0.15	2.7	91/604	15/3
26319	27.2-28.2	1.0	0.17	2.1	64/214	20/2
26320	28.2-29.5	1.3	0.23	9.7	138/718	36/2

BOX

DDH: 89-27

LITHOLOGY, ALTERATION, MISC.

granodiorite (cont)

(30.1 - 34.5) Transition zone? (JR → Eocene granodiorite) Pale gy w ~ 5% dk grn mafics (chlorite). Foliation is gradually lost. Generally w-sericite i-Si. Primary quartz ↑ Local white qtrs, ≤ 5 cm wide

(34.5 - 52.0) pale gy w locally up to 5% chlorite. c.g. granodiorite consisting dominantly of feldspar and gy qtz. i-Si, local m-sericite

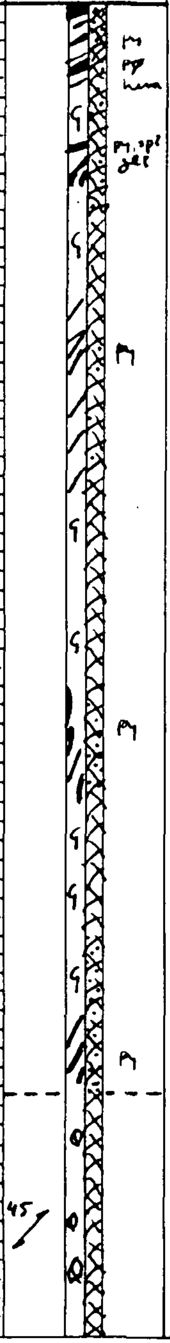
Weak translucent qtrs ≤ 2 cm wide @ moderate to low ∠'s to C.A. @ (35.8 - 39.5 m) and (43.5 - 45.7) and (50.4 - 52.0)

52.0 - 61.6 : Quartzite (i-Si sandstone?) medium grn-gy changing to lt gy below 54.0 m. Small (≤ 3 mm dia) white specks erratically distributed in fg → aphanitic matrix. Local faint bedding? i-Si.

Depth

29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57

GRAPHIC LOG



MINERALIZATION

Qtrs - local white qtz, generally @ high angle to C.A. Local patches of py, pp, hem ± sp? ± gl?

Qtrs : ≤ 1% py diss ± in small patches in translucent strs ± grds.

Qtrs : as above

Qtrs : as above

RECOVERY

Run	%
30.2	
33.2	100
36.0	100
39.3	100
42.4	100
45.4	100
48.5	100
51.5	100
54.6	100

ANALYTICAL

					PPM	
Sample	Interval to	width	Au g/T	As g/T	Cu / Zn	Pb / W
26321	29.5-30.8	1.3	0.23	3.6	63 / 450	38 / 6
26322	30.8-32.1	1.3	0.18	2.0	90 / 304	27 / 3
26323	32.1-33.1	1.0	2.57	124.0	164 / 852	54 / 2
26324	33.1-34.1	1.0	0.02	0.4	60 / 80	25 / 2
26325	35.8-37.1	1.3	0.02	1.8	92 / 990	45 / 2
26326	37.1-38.4	1.3	0.03	0.3	51 / 31	19 / 2
26327	38.4-39.6	1.1	0.01	0.3	70 / 89	13 / 3
26328	43.5-44.6	1.1	0.04	0.2	91 / 33	38 / 2
26329	44.6-45.7	1.1	0.02	0.4	73 / 36	26 / 2
26330	50.4-52.0	1.6	0.03	1.0	68 / 156	28 / 2

BOX

DDH: 89-27

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LITHOLOGY, ALTERATION, MISC.

Quartzite (cont)

61.6-64.4 : Granodiorite ? + Wacke ?
med dk grey lightening to pale gy down-section. Very clouded c.g. granite texture foliated w̄ sections of f.g. greywacke(?) in upper 1.2 m. m→i si, qtz flood in bottom 0.5 m. Local w-sericite. upper contact strongly sheared + w-broken. Bottom contact abrupt w̄ white qstr @ contact. Weak low angle qtvs in upper 1.2m

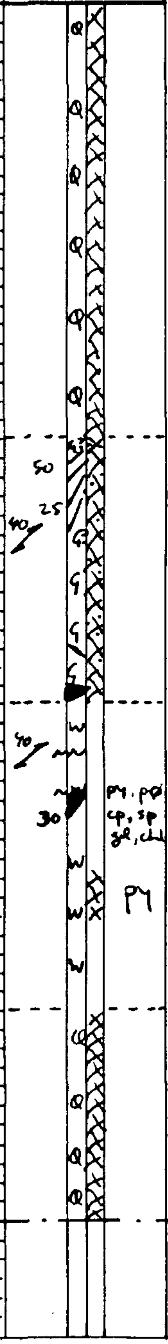
64.4-67.6 : Greywacke / Sst. - lt grn-gy f.g. w̄ white (qtz?) specks. Local faint bedding (?). Local mod-Sr (64.8-64.9) strong shear + minor gouge (65.3-65.6) Qstr: white qtz w̄ local gy qtz near contacts. H.W. is broken core. FW @ 30°

67.6-69.8 : Quartzite (+ - Si wacke ...)
light gy w̄ loc. dull grn tone. f.g.→ aphanitic matrix w̄ rounded white specks, v. locally c.g. (possibly grdr apophyses?!)

E.O.H. 69.8m

Depth 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69

GRAPHIC LOG



MINERALIZATION

Local py + po in grdr + very locally in translucent + lesser white qtvs

Qstr: < 30cm true width. ~ 2% sx concentrated near contacts. Patches of py, loc. cp, sp + gl, po. Loc chlorite

1-2% diss py below str

RECOVERY

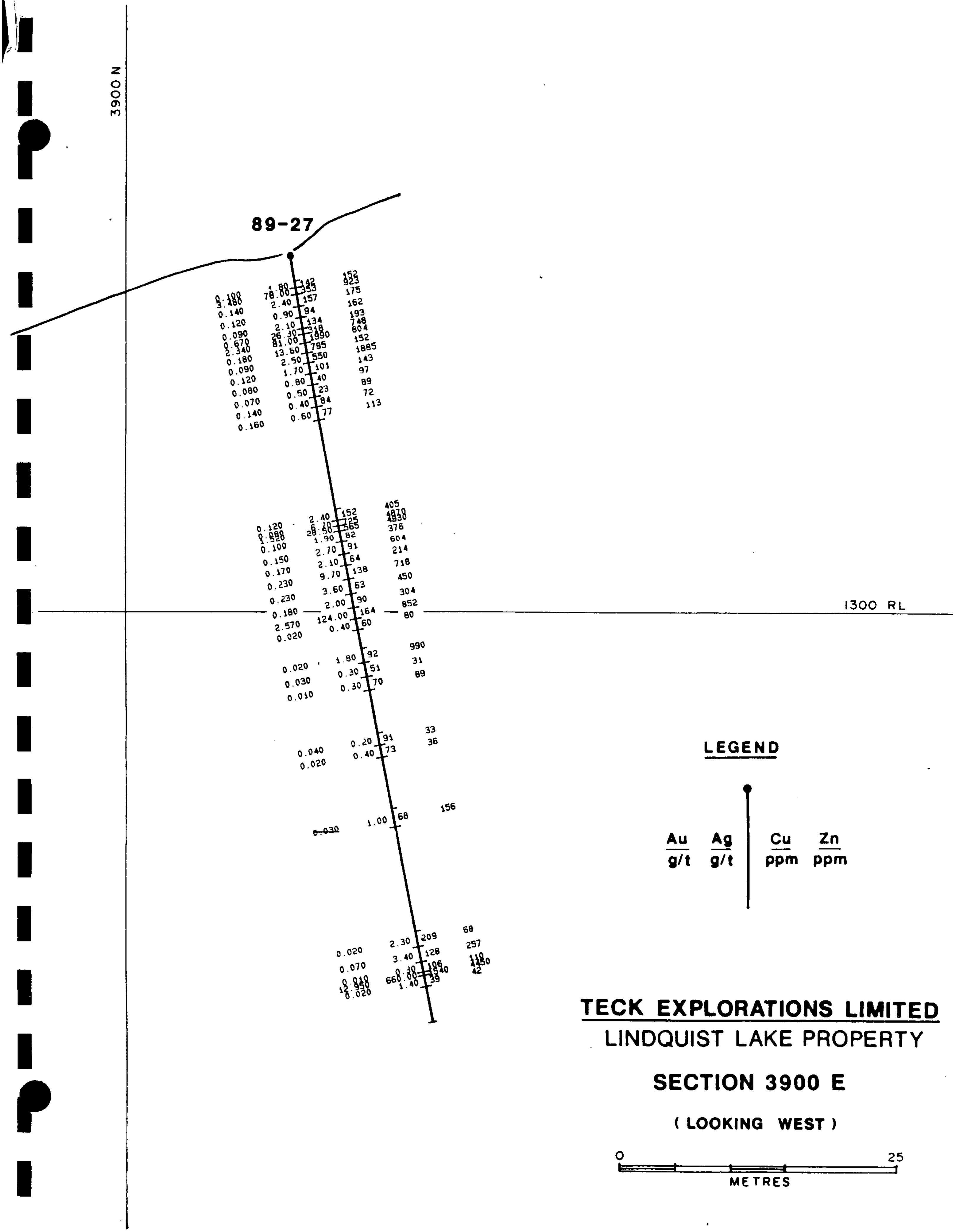
Run	%
57.6	100
60.65	100
63.7	100
66.75	100
69.8	100

ANALYTICAL

Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM
26331	61.6-63.0	1.4	0.02	2.3	209/68	22/2
26332	63.0-64.4	1.4	0.07	3.4	128/262	50/2
26333	64.4-65.3	0.9	0.01	0.3	106/110	13/2
26334	65.3-65.6	0.3	12.95	660.0	1540/4450	67/2
26335	65.6-66.6	1.0	0.02	1.4	39/42	17/2

BOX

DDH: 89-27



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3900 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 3

Property	Deerhorn
Location	LINDQVIST LAKE GRID 2069 N 4876 E
Coord.– Collar N	3909.43
E	3905.19
Elev.– Collar	1331.61
Date Started	Sept 22/89
Date Completed	Sept 23/89
Hole No.	89-28
Bearing at collar	South
Inclination at collar	-80
Length	57.6
Core Size	BQ Thinwall
Logged By	A.J. Pardoe

LEGEND

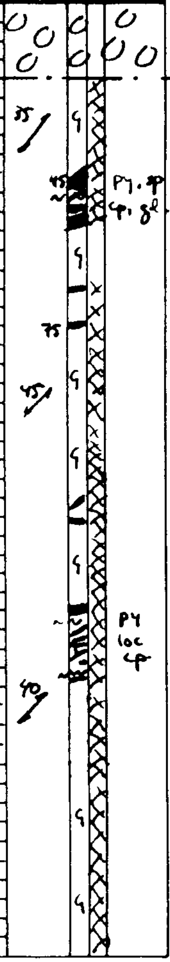
Granodiorite	g	Silica	☒
Quartz	▨	Sericite	⁙
	☐		☐
	☐		☐

SURVEY

Depth	Bearing	Inclination
43.9m	175°	-80°

LITHOLOGY, ALTERATION, MISC.	Depth	MINERALIZATION
Casing 0-1.8	1	
1.8- 27.5 Granodiorite (1.8 - 16.6) med-gy & white w̄ local faint grn tinges. w→mod. foliated c.g. granitic texture. ~30% mafic minerals → dominantly med. brown (some hydrothermal?) biotite. m→i Si □ local w→nil-Si sections.	2 3 4	Qstrs: translucent white qtz is 50-60% of core. Section broken, so orientations & true widths unknown. Local sx <1% overall: py, sp, cp & gl
	5	Local qtz strs: white & minor translucent qtz. <1% py diss in strs & grdr
	6 7 8	Qstr Zn: irregular qstrs & minor qtz flood. Translucent white qtz. Local py patches, trace cp. <1% sx overall
[9.9-11.9] mod to badly broken down sections. core lost.	9 10 11	

GRAPHIC LOG



RECOVERY		ANALYTICAL						
Run	%	Sample	Interval to	width	Au g/T	As g/T	Cu/Zn	Pb/W
							ppm	ppm
1.8		26336	1.8-2.8	1.0	0.17	2.5	150/133	55/4
		26337	2.8-3.5	0.7	0.24	9.9	189/448	101/37
		26338	3.5-4.8	1.3	0.20	5.2	219/377	154/9
4.0	68							
		26339	4.8-6.1	1.3	0.20	2.0	62/102	35/2
5.8	100							
		26340	6.1-7.4	1.3	0.19	1.9	121/149	45/2
		26341	7.4-8.3	0.9	0.36	14.8	246/102	57/55
		26342	8.3-9.0	0.7	0.08	1.8	70/79	36/3
8.8	100							

BOX

DDH: 89-28

Page 2 of 3

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cnt.)
[11.9 - 12.8] clay gouge + local grdr frags.

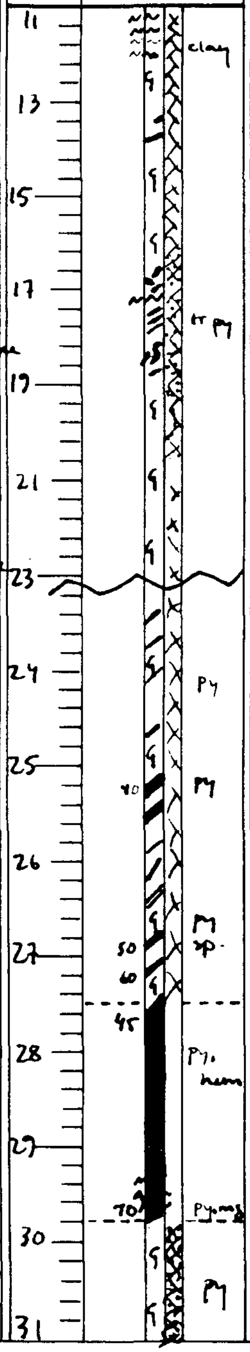
(16.8- 21.8) med brown "mafic" gives way to lt. grn-gy, texture is more clouded + foliation indistinct, M→ loc i sericite. M→ i Si. Core has w→ moderate corroded (clay altd) appearance. Strong qstrs @ 16.6 - 18.8 m → dm

(21.8- 27.5) similar to above, med→ dk grn mafics (chl.) are ~30% of core. W- foliation local w- sericite w- Si.
W→ mod white qtz strs ≤ 6 cm wide @ 23.5- 27.5

27.5 - 29.8: Qtz Vn: White qtz w̄ local i-altd grdr breccia. Slightly irregular H.W @ 15°, FW @ 70°. Vn is badly broken w̄ poor recovery @ 28.9 - 29.7 m.

29.8 - 57.6: Granodiorite
(29.8 - 40.2) lt gy w̄ ≤ 2% mafic minerals. Texture obscured by pervasive i-Si and w→m sericite. Mafics are chloritized.

Depth / **GRAPHIC LOG**



MINERALIZATION

Qstrs: irregular white qtz + lesser cross strs in clay altd + locally badly broken rk. Local dk gy (graphite?) streaks in qtz. Virtually barren of su. Tr py

Qstrs: white qtz locally heavy small patches of py. Local py diss in grdr. Strs closest to vn are not mineralized + bear local yellow sp.

Q.V.: small patches of py + hem (≤ 1% combined) in upper 1.0 m. Py + mg in fine bands in bottom 10 cm.

<1% diss py

RECOVERY

Run	%
11.9	62
14.9	80
18.0	92
21.0	72
24.1	90
25.0	100
27.1	91
30.2	88

ANALYTICAL PPM

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
26343	16.6-17.7	1.1	0.83	2.0	92/111	61/2
26344	17.7-18.8	1.1	0.02	1.8	118/96	42/4
26345	23.5-24.5	1.0	0.06	3.8	138/362	113/2
26346	24.5-25.5	1.0	0.07	1.1	94/104	22/3
26347	25.5-26.5	1.0	0.09	5.1	290/183	70/14
26348	26.5-27.5	1.0	0.04	6.2	236/2980	135/6
26349	27.5-28.3	0.8	0.06	2.1	214/1270	27/12
26350	283-29.0	0.7	0.05	1.3	108/960	13/8
26351	29.0-29.8	0.8	0.36	9.5	346/3300	10/68
26352	29.8-30.8	1.0	0.13	8.0	159/414	33/2

BOX

DDH: 89-28

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LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

[34.1 - 40.] moderate translucent + lesser white qtz strs + floods
Strs tend to be irregular w indistinct contacts.

(40.2 - 43.0) Probable Eocene grdr?
Similar to above unit but good granite texture w abundant primary quartz. Fld xls are w→mod sericitized.

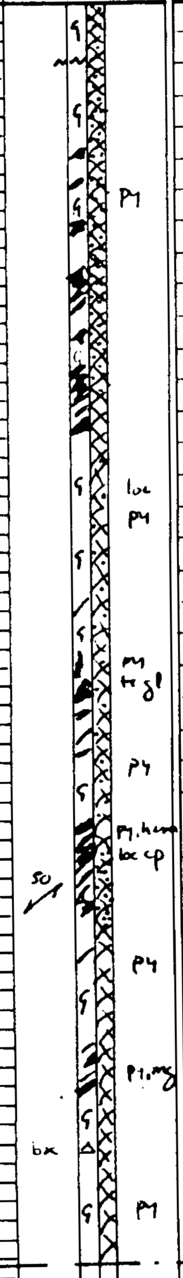
(43.0 - 53.0) As above but texture is more clouded w local foliation + ↑ sericite @ (49.0 - 50.5 m) Mafics ↑ slightly to ≤ 5% → local "fresh" biotite, most is chloritized.
Local qstrs.

(53.0 - 57.6) : Light grey w < 2% mafics w→mod. clouded granite texture
↑-Si , patches of sericite
Intrusive bx @ 54.95 - 55.1 m

E.O.H : 57.6 m

Depth 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57

GRAPHIC LOG



MINERALIZATION

Qstrs / Qtz flood : locally 1% diss py, often c.g. + displaying some xl form
V. local mg.
Many strs are barren
Py also diss in grdr.

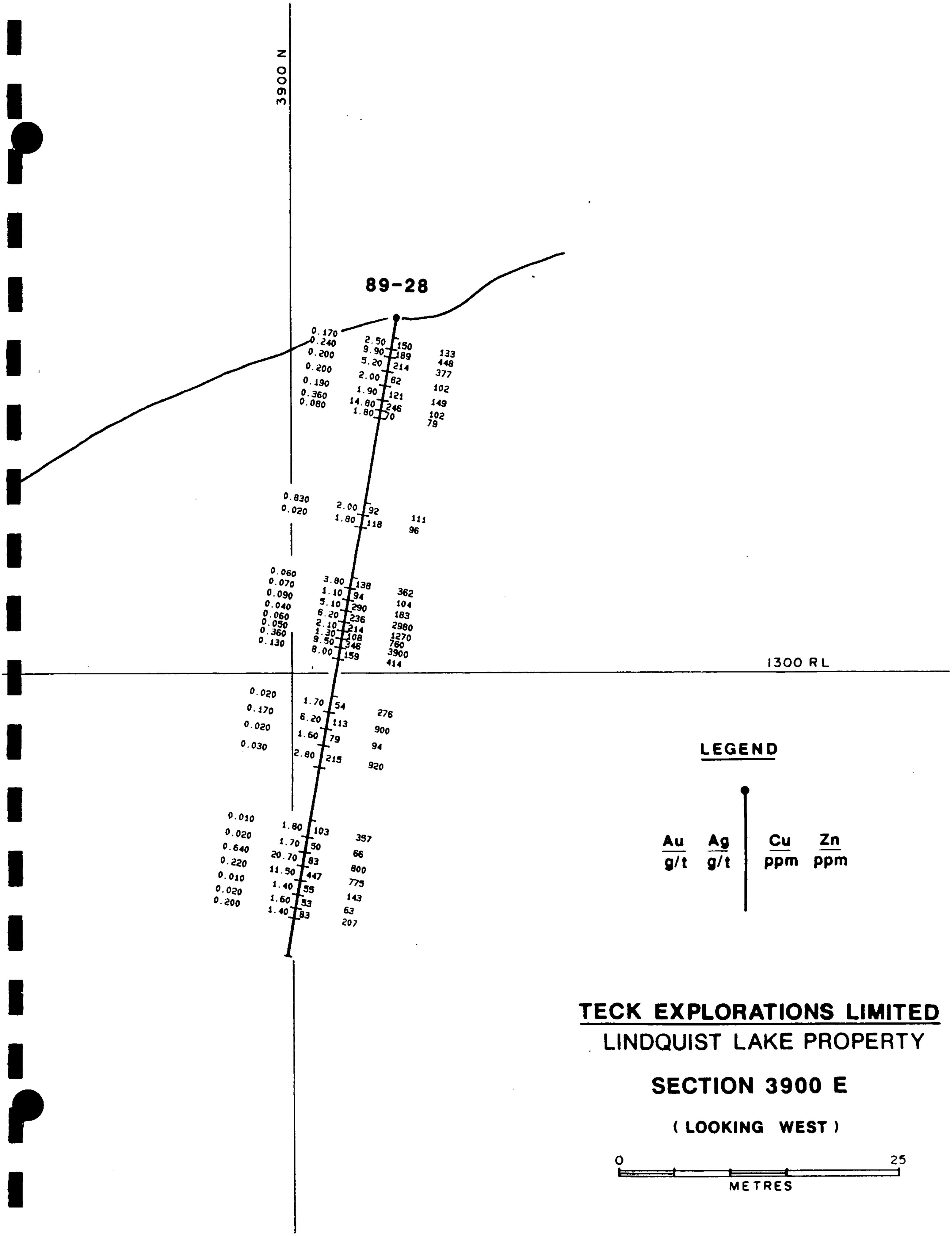
Qstrs : white - local translucent qtz. w-mineralized
diss py in qtz + grdr,
local hem, cp + mg in strs.

RECOVERY Run	%
33.2	91
36.3	100
39.3	100
42.4	100
45.4	100
48.5	100
51.5	100
54.6	100
57.6	100

ANALYTICAL					PPM	
Sample	Interval to	width	Au g/T	As g/T	Cu / Zn	Pb / W
26353	34.1-35.6	1.5	0.02	1.7	54 / 276	24 / 2
26354	35.6-37.1	1.5	0.17	6.2	113 / 900	20 / 5
26355	37.1-386	1.5	0.02	1.6	79 / 94	20 / 2
26356	38.6-40.6	1.5	0.03	2.8	215 / 920	30 / 6
26357	45.4-46.9	1.5	0.01	1.8	103 / 357	22 / 3
26358	46.9-48.3	1.4	0.02	1.7	60 / 66	23 / 2
26359	48.3-49.5	1.2	0.64	20.7	83 / 800	21 / 2
26360	49.5-50.8	1.3	0.22	11.5	447 / 775	22 / 2
26361	50.8-52.1	1.3	0.01	1.4	55 / 143	18 / 2
26362	52.1-53.3	1.2	0.02	1.6	53 / 63	17 / 2
26363	53.3-54.2	0.8	0.20	1.4	83 / 207	26 / 2

BOX

DDH: 89-28



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3900 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG

TECK CORPORATION

Page 1 of 5

Property Deerhorn
Location LINDQUIST LAKE
GRID 2071 N 4991 E
Coord.- Collar N 3913.36
E 3877.63
Elev.- Collar 1338.94
Date Started Sept 23
Date Completed SEPT 25
Hole No. 89-29
Bearing at collar north
Inclination at collar -45
Length 89.3
Core Size BQ Thinwall
Logged By A.J. Pardoe

LEGEND

Quartz	▨		☐
Granodiorite	g		☐
	☐	Silica	☒
	☐	sericite	⁙

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.

Casing 0- 2.1 m

2.1 - 25.6: Granodiorite - dk grn-gy and white, foliated m.g. → c.g. granite texture. ~35% mafic minerals dominantly chloritized. i-Si loc m-Si Local white qtz strs ≤ 1 cm wide.

(2.1 - 6.0) blocky, broken core

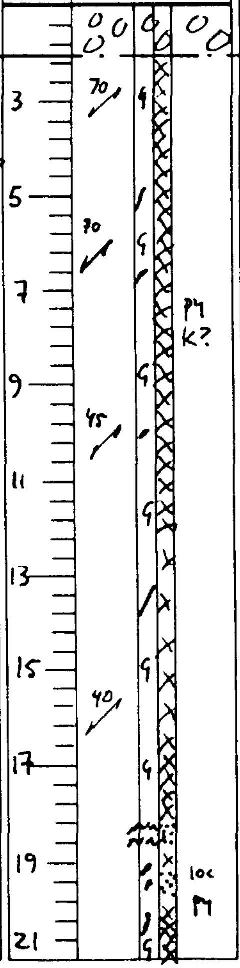
(6.8 - 9.5) clouded texture, locally bleached to pale gy (Si + K alt?) destroying most mafics.

(16.8-17.4) w- qtz flood obscures texture + lightens core

(18.2 - 18.5) Fault: sheared, clay alt'd + badly broken core

(19.4 - 19.9) i-sericite + w- qtz flood obliterate granite texture

Depth / GRAPHIC LOG



MINERALIZATION

diss py in bleached zone

RECOVERY

Run	%
2.1	
4.0	81
5.5	100
8.5	94
11.6	94
14.6	100
17.7	100
20.7	100

ANALYTICAL

Sample	Interval to	width				

BOX

DDH: 89-29

LITHOLOGY, ALTERATION, MISC.

Granodiorite (cont)

(22.3 - 25.6) med gy, most of granite texture is obscured by qtz flood + sericitization. Erratic silicification from w→i Si. Weak qtz strs ≤ 3 cm - local small fz. w→m pervasive sericite.

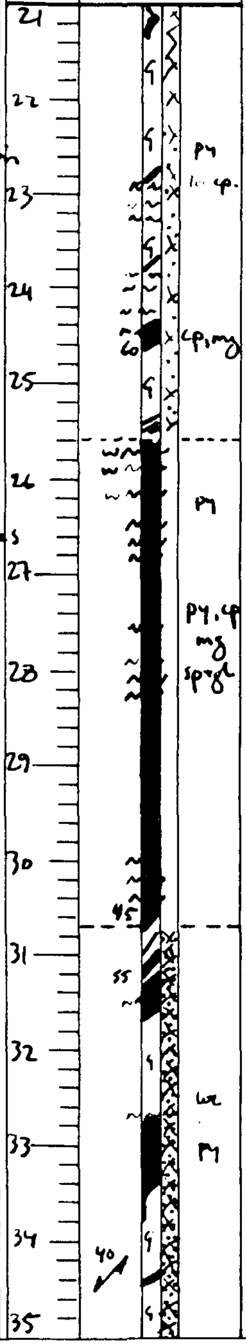
V. badly broken core @ (22.7 - 23.4) + (23.7 - 24.6 m)

25.6 - 30.7 : Qtz Vn - white, slightly translucent qtz. Minor gy qtz in areas of strong mineralization. Local badly broken + faulted, sections c̄ patchy gouge

HW in broken core + strs @ ~50°
FW @ 15°

30.7 - 36.8 : Granodiorite - pale grey, most texture destroyed, locally well foliated. m-Si, i-ser. Moderate qstrs + white qtz vns (≤0.6 m wide)

Depth / **GRAPHIC LOG**



MINERALIZATION

Qstrs + loc flood: local diss specks of py (up to 1%) v. local cp in qtz str.

Qstr ~25cm wide white + minor translucent qtz. 3-4% cg. py - patches, loc mg. ~4% total sx.

Q.V. : weak mineralization for ~1 m either side of contacts. Local strong, patchy mineralization through middle of vein. Locally up to 8% sx over 0.14 m, approx. 1-2% sx over middle of vn in patches + local 'net' texture → py, cp loc mg, loc sp ± gl?

Qstr/Vn Zone: translucent white qtz ± minor carbonate. Strs/Vns are not abundant but vary from 1cm to 60cm wide. weak mineralization, very local diss py.

RECOVERY

Run	%
23.8	85
26.8	90
29.9	100
32.9	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
26364	22.3-23.4	1.1	0.04	5.5	342/270	47/2
26365	23.4-24.5	1.1	0.01	3.8	315/423	50/2
26366	24.5-25.6	1.1	0.19	8.5	1138/725	45/3
26367	25.6-26.5	0.9	0.06	4.8	241/456	9/2
26368	26.5-27.2	0.7	2.54	128.4	7010/21000	304/2
26369	27.2-28.0	0.8	0.58	23.2	1275/4350	26/2
26370	28.0-28.8	0.8	0.18	16.2	2410/8000	61/2
26371	28.8-29.6	0.8	2.65	108.6	7680/12500	227/2
26372	29.6-30.7	1.1	0.26	12.0	1356/4700	50/2
26373	30.7-31.9	1.2	0.07	2.5	153/162	13/2
26374	31.9-33.1	1.2	0.02	2.0	100/201	17/2
26375	33.1-34.3	1.2	0.04	3.2	42/139	17/2
26376	34.3-35.5	1.2	0.07	1.3	53/83	10/2

BOX

DDH: 89-29

Page 3 of 5

LITHOLOGY, ALTERATION, MISC.

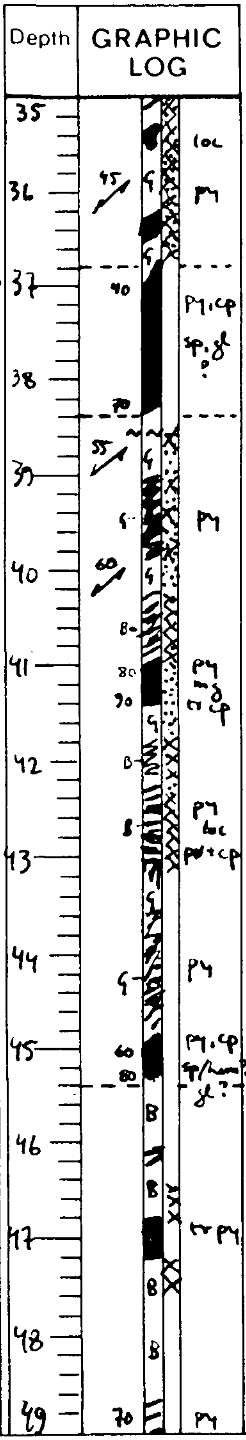
Granodiorite (cont.)

36.8-38.4: Q.V- translucent white + minor transucent gy qtz. minor chl. on fractures local bands (≤ 2cm wide) of highly alt'd grdr @ 37.65-37.8m. HW @ 40°. FW sharp, but irregular @ ~70°

38.4-40.3: Granodiorite?: pale gy as described above Q.V. except there is w → nil silicification.
Fault gouge + clay alt'n @ 38.5-38.65
Qstrs / flood @ 39.1 - 40.0

40.3-45.4: Granodiorite + Sandstone/Slst. Sections of silicified grdr? as described above and sections of medium gy sst? w dk streaks "Sediments" are 1-Si - w-sericitized! bear local qtz flood + strs. Local qtz vns in section

45.4-53.4: Sandstone: m.g → f.g. dominantly equigranular. Medium to light gy-grn gradually becoming medium gy in bottom 1.0m. Local to moderate qstrs
white q.v. @ 46.8-47.3 w mod Si ... on either side



MINERALIZATION

Qstrs - as described previous page

Q.V.: mod. fractures w mineralization concentrated in fractures in small patches ~1% sx: py.cp + sp? +gl?

Qstrs/flood: translucent white - gy qtz is ~70% of core. Several c.g. patches of py.

Qstrs/flood - white + lc translucent qtz ~ 1% diss py
Q.V.: 40cm wide, white + trans. qtz. ~2-3% sx: py mg + tr cp.
Qstrs: diss py, local po + cp

Qstr/flood - white qtz in alt'd grdr? Local py patches

Q.V.: 45cm wide, ... w grdr in upper 15cm badly broken + poor recovery @ 45.2-45.4 Local chl, 2-3% sx: py.cp, sp/hem?, gl?

Q.V.: white w rounded off-white frags (1-ser'd grdr?) trace py

RECOVERY

Run	%
36.0	100
39.0	100
42.1	100
45.1	95
48.16	93

ANALYTICAL

Sample	Interval to	width	Au g/T	As g/T	PPM Cu/Zn	PPM Pb/W	BOX
26377	35.5-36.8	1.3	0.05	5.9	127/374	15/2	
26378	36.8-37.6	0.8	3.83	111.3	2210/4400	32/2	
26379	37.6-38.4	0.8	7.30	236.0	2920/7800	70/2	
26380	38.4-39.1	0.7	0.18	4.0	118/168	28/2	
26381	39.1-40.0	0.9	0.07	5.8	123/875	96/2	
					Mo	194	*
26382	40.0-41.0	1.0	0.01	5.4	536/109	27/9	
					Mo	2400	*
26383	41.0-41.4	0.4	0.73	26.0	1542/4250	46/2	
					Mo	110	*
26384	41.4-42.5	1.1	0.02	2.3	209/110	24/2	
					Mo	148	*
26385	42.5-43.6	1.1	0.06	13.4	1920/383	23/2	
26386	43.6-44.95	1.35	0.42	10.7	333/421	13/6	
26387	44.95-45.4	0.45	1.36	51.7	2730/10000	23/3	
26388	45.4-47.0	1.6	0.19	8.2	623/281	30/2	
26389	47.0-48.6	1.6	0.04	3.2	124/43	18/2	
26390	48.6-49.6	1.0	0.80	22.4	277/362	47/2	

DDH: 89-29

LITHOLOGY, ALTERATION, MISC.

Sandstone (cont)

53.4-58.0 : Quartzite : lt gy to local muddy grn tone; locally bleached off-white. Mg → c.g. texture, locally aphanitic. i-Si. Local translucent gy & white qtrs in upper 30 cm. Qtz Vns @ 55.45-55.9 larger qtrs (≥ 10 cm) @ 57.5-58.2

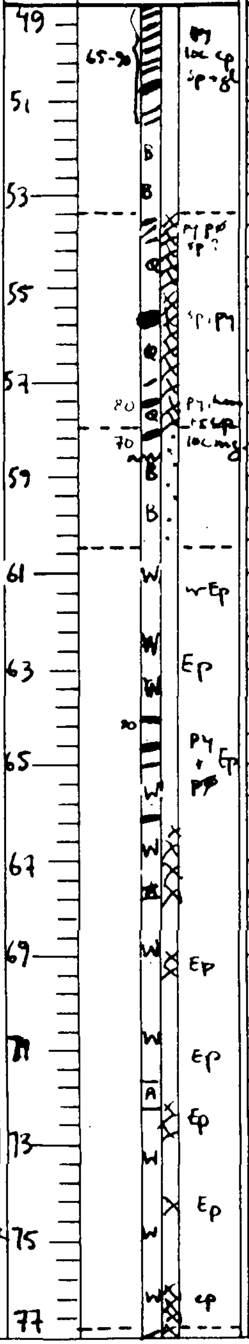
58.0-60.5 : Sandstone - lt gy, f.g → m.g. w some c.g. particles w-sericite
Fault (ground + badly broken) @ 58.6

60.5-76.8 : Greywacke (impure Sst.?)
Med to locally lt grey. F.g. matrix w rounded to sub-round white (qtz?) frags + local blk frags (≤ 4 mm dia) Clasts not present in some sections. Local bands + patches of epidote skarn (≤ 70 cm widths) Local silicification + qtz strs / flood generally associated w epidote rich sections.
(67.55-67.8) Argillite Band, m-Si

(71.7-72.3) Argillite Band, m-Si

(76.3-76.8) Contact Zone: mottled texture mix of seds + grdr. i-Si + qtz flood Peppered w epidote. Strs + patches of sx.

Depth / GRAPHIC LOG



MINERALIZATION

Qsn Zn: white qtz, strs ≤ 10 cm width. Smaller translucent qtz strs (≤ 3 mm wide) Local sx ~ 1% → py, cp, sp, gl

Qstrs : ≤ 1% diss py, pø sp?

Q.V: Barren except for 1cm "band" of diss sp + minor py

Qstrs: ≤ 2% sx in patches → py, hem (sp?), tr cp, loc. mg.

Qstrs : white qtz, 3 → 7 cm wide @ high angles to C.A. Local py + pø specks in strs + in wacke.

Contact Zone : 2-3% py + pø

RECOVERY

Run	%
51.2	100
54.25	98
57.3	100
60.4	100
63.4	100
66.4	100
69.5	100
72.5	100
75.6	100

ANALYTICAL

Sample	Interval to	width	Au g/t	As g/T	Cu / Zn (PPM)	Pb / W (PPM)
26391	49.6-50.6	1.0	0.64	24.3	553 / 1370	203 / 3
26392	50.6-51.6	1.0	0.01	5.8	232 / 1410	47 / 2
26393	51.6-53.4	1.8	0.01	2.8	147 / 640	71 / 2
26394	53.4-54.4	1.0	0.01	2.0	104 / 84	64 / 2
26395	54.4-55.4	1.0	0.02	6.1	96 / 600	57 / 8
26396	55.4-55.9	0.5	0.38	16.5	50 / 1540	43 / 2
26397	55.9-57.2	1.3	0.20	3.8	97 / 82	20 / 2
26398	57.2-58.2	1.0	0.98	38.1	307 / 1950	675 / 2
26399	61.0-65.2	1.2	0.17	3.5	89 / 338	173 / 13
26400	65.2-66.4	1.2	0.06	2.1	96 / 162	32 / 4
26401	76.3-77.3	1.0	0.04	2.0	78 / 52	34 / 45

BOX

DDH: 69-29

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DDH: 89-29

LITHOLOGY, ALTERATION, MISC.

76.8 - 81.6: Granodiorite - lt gy, m-c g granite texture locally obscured by i-Si. m→c si, w→m sericite. No visible mafics, rock is dominantly qtz + fld. ⇒ probably Eocene grdr

(76.8 - 80.0) good granite texture mod→ badly broken. Local qtzs in upper 0.5 m.

(80.0 - 81.1) i-Si obscures most of texture. Local small ep. patches

(81.1 - 81.6) dk gy. i-Si grdr mixed w̄ sediment. Small patches of sx.

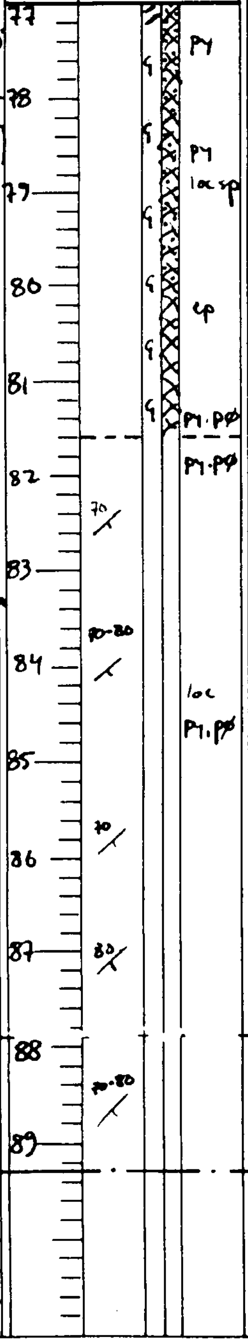
81.6 - 89.3 : Greywacke + Argillite

(81.6-83.2) : Greywacke : dk gy w̄ slight brown tone giving away to blk downsection. Silty to f.g. matrix w̄ scattered white + dk brown frags ≤ 3mm dia. m-Si.

(83.2 - 89.3) Greywacke (?) + Argillite Alternating sections 40 → 90 cm in length of wacke + argillite grading into each other. Arg. ↑ somewhat downsection. Arg consists of thin laminations of brown, gy + blk slst/mdst. Greywacke is pale grey/off-white irregular shaped clasts w̄ blk mud/silt between clasts. Bedding visible in both units. Fine qtz/carb vnlts @ low < + sub // to C.A.

E.O.H. 89.3m

Depth / GRAPHIC LOG



MINERALIZATION

qtz vns - translucent gy; white qtz, ≤ 8 mm wide. tr py

<1% py, loc sp in qtz

1-2% py + pø in mixed grdr + seds.

local patches of py + pø in seds.

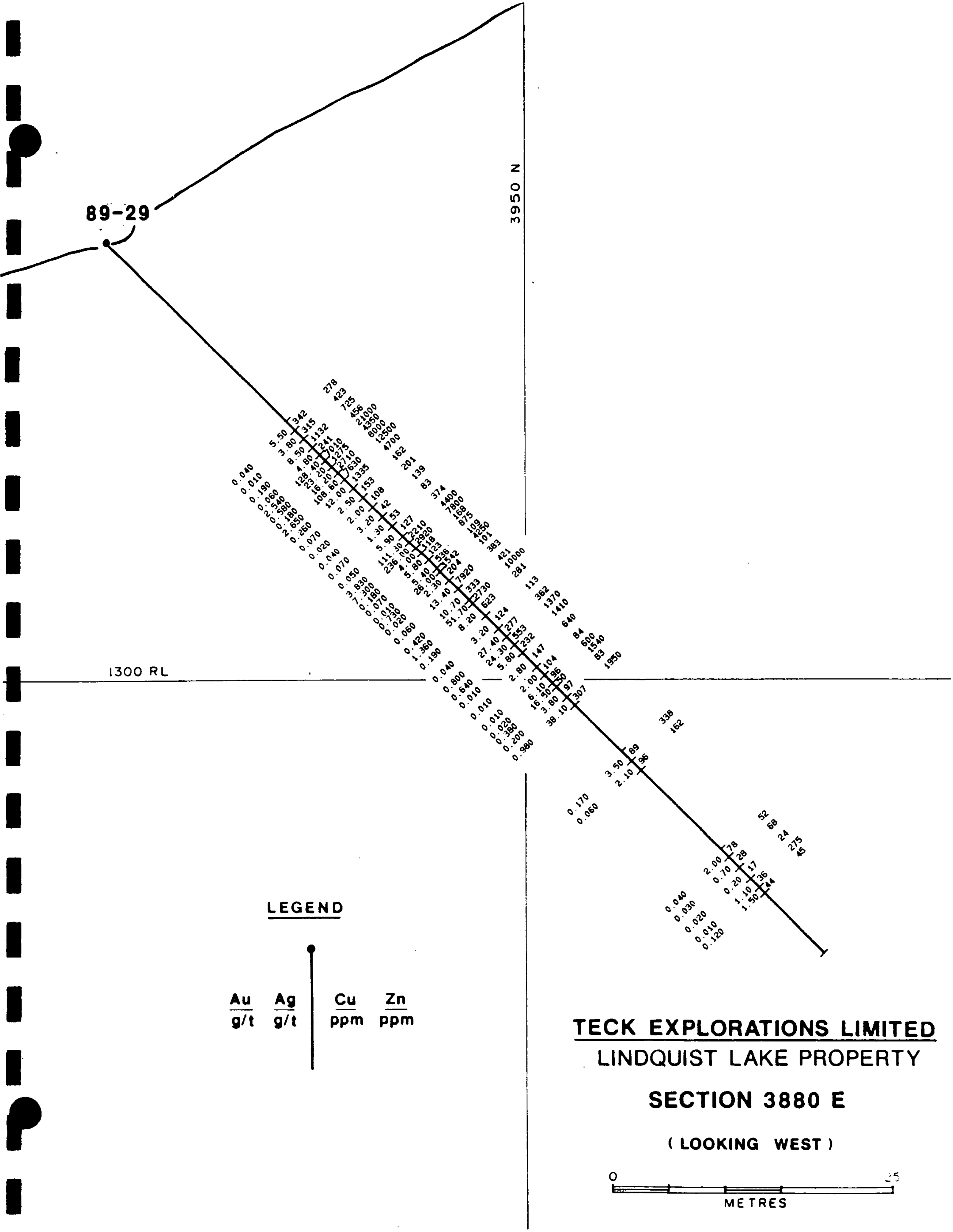
RECOVERY

Run	%
78.6	80
81.7	74
84.1	100
87.2	100
89.3	100

ANALYTICAL

Sample	Interval to	width	Au $/T	Ag $/T	Cu / Zn	Pb / W
26402	77.3-78.6	1.3	0.03	0.7	28 / 68	27 / 2
26403	78.6-80.0	1.4	0.02	0.2	17 / 24	27 / 2
26404	80.0-81.1	1.1	0.01	1.1	36 / 275	9 / 3
26405	81.1-81.8	0.7	0.12	1.5	49 / 45	17 / 21

BOX



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3880 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 4

Property	Deerhorn	Hole No.	89-30
Location	LINDQUIST LAKE	Bearing at collar	north
	GRID 2071 N 4941 E	Inclination at collar	-60
Coord.- Collar N	3913.36		
E	3877.63	Length	60.6m
Elev.- Collar	1338.94	Core Size	BQ Thinwall
Date Started	Sept 25/89		
Date Completed	Sept 26/89	Logged By	A.J. Pardoe

LEGEND

Quartz	◩		☐
Quartz Diorite	D		☐
Sandstone	B	Sericite	⁙
Greywacke	W	Silica	☒

SURVEY

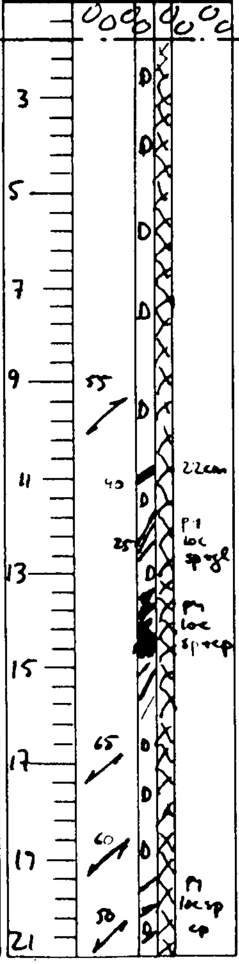
Depth	Bearing	Inclination
59.1m	006°	-59°

LITHOLOGY, ALTERATION, MISC.

0 - 1.8: Casing

1.8 - 21.0 Quartz Diorite - dk grn ą off-white. W→ local mod. foliation. 35-40% mafics, most altd to chl, none w identifiable primary mineralogy. c.g. to local m.g. granite texture is visible. m→i Si.

(10.7 - 15.7) Mod to local strong qstrs. Strs are dominantly white qtz ~~fx~~ and vary from <1cm to 22 cm wide. Locally qtz covers a larger area as a low angle str/flood.



MINERALIZATION

qstr - barren <1% py diss in grdr

qstrs - patches of py, loc sp + gl(?) ≤1%

qstrs/flood: patches of f.g. - m.g. py, loc sp, loc cp.

Qstrs: weak, white qtz. <1%
Sx: py, loc sp + cp.

RECOVERY

Run	%
1.8	
3.6	
5.8	91
8.8	98
11.9	97
14.9	100
18.0	94

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu/Zn	Pb/Ni
26406	10.7-12.0	1.3	0.11	1.8	121/106	25/2
26407	12.0-13.3	1.3	0.01	2.1	219/283	45/8
26408	13.3-14.6	1.3	0.51	18.3	665/340	93/2
26409	14.6-15.7	1.1	0.13	2.9	160/243	177/2
26410	19.7-21.0	1.3	0.01	2.1	169/208	67/2

BOX

DDH: 89-30

LITHOLOGY, ALTERATION, MISC.

21.0 - 29.8 : Qtz Vn: slightly translucent white qtz. Well mineralized w patches of sx + minor gy qtz above 25.0 m. From 25.0 - 28.0, it is w→mod mineralized w local strong mineralization and sections of alt'd q. diorite @ (25.5-25.6) and (25.7 - 28.1). The rest of the vein is barren + has a section of alt'd q diorite (28.5-29.1 m) HW contact @ top of run in ground core. FW @ 40° (sharp).

upper q. diorite section has lower contact @ 50°. upper contacts in qtz. Lower q. diorite has contacts @ 15°

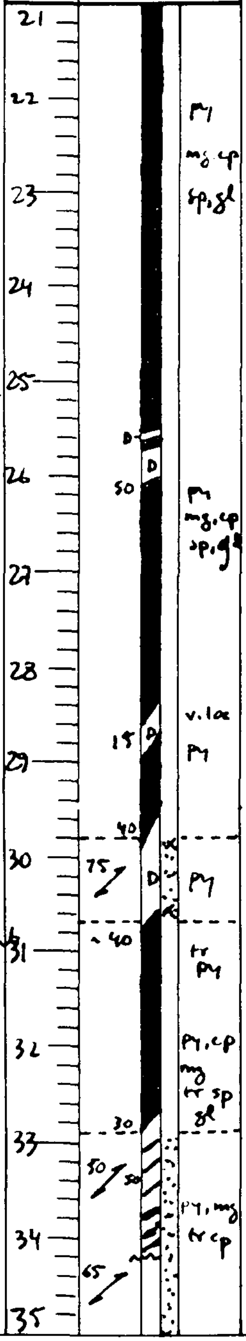
29.8 - 30.7 : Alt'd Qtz Diorite - med grn. no visible granite texture. Foliated. Mod sericite. Local mod-Si near qtz vns.

30.7 - 32.9 : Qtz Vn : white, mod. translucent translucent qtz w local alt'd qtz diorite in upper 1.1 m. Below 31.8 there is local gy qtz + vn is well mineralized. H.W in qtz (@ ~40°) FW @ 30°

32.9 - 40.4 : Qtz Diorite : pale grn-gy. well foliated w faint granite texture locally visible. i-sericite

(32.9 - 34.5) weak translucent white + minor translucent gy qtz's, ≤ 6cm wide, @ mod. angles to C.A.

Depth / **GRAPHIC LOG**



MINERALIZATION

Qtz Vn:

21.0 - 25.0 : 2 → 8% sx in patches, local weak mineralization @ 22.4 - 23.4. → py >>> mg, cp > sp, gl.

25.0 - 28.1 : ~2 to local 5% sx, as described above

28.1 - 29.5 : barren, except for very local py.

<1% py in small diss patches

Q.V. :

30.7 - 31.8 : tr py.

31.8 - 32.9 : 4% sx : py, cp mg + tr sp + gl in patches

Qtrs : local py + mg + tr cp

RECOVERY

Run	%
21.0	94
24.1	100
27.1	100
30.2	100
33.2	100

ANALYTICAL (PPM)

Sample	Interval to	width	Au g/t	Ag g/t	Cu / Zn	Pb / W
26411	21.0-21.7	0.7	0.39	16.9	2250 / 13000	55 / 2
26412	21.7-22.4	0.7	0.38	41.2	5710 / 19200	414 / 2
26413	22.4-23.4	1.0	0.18	7.8	755 / 1840	8 / 2
26414	23.4-24.2	0.8	0.20	20.1	3495 / 17500	46 / 2
26415	24.2-25.0	0.8	0.59	54.3	6210 / 19500	123 / 2
26416	25.0-25.7	0.7	0.32	16.1	1530 / 6950	21 / 2
26417	25.7-26.8	1.1	1.22	38.2	765 / 4220	29 / 2
26418	26.8-27.4	0.6	0.92	68.7	9350 / 19700	33 / 3
26419	27.4-28.5	1.1	0.11	3.1	427 / 1650	11 / 2
26420	28.5-29.6	1.1	0.21	10.3	217 / 860	29 / 2
26421	29.6-30.7	1.1	0.21	6.3	356 / 403	36 / 2
26422	30.7-31.8	1.1	0.17	2.5	134 / 187	19 / 2
26423	31.8-32.35	0.55	11.16	4390	3820 / 16500	710 / 3
26424	32.35-32.9	0.55	0.80	68.1	12950 / 3800	347 / 3
26425	32.9-33.9	1.0	0.24	7.3	256 / 770	239 / 2
26426	33.9-34.9	1.0	0.02	5.1	166 / 338	267 / 2

BOX

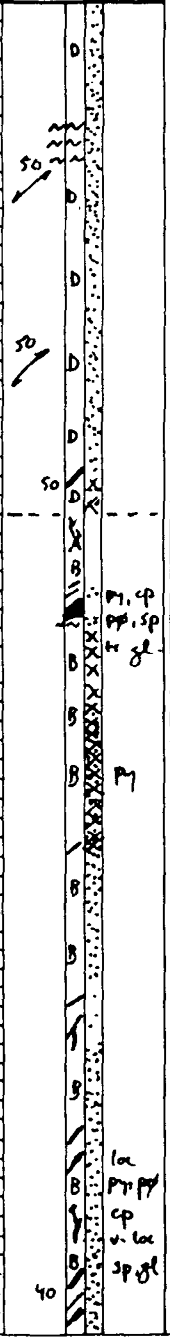
DDH: 89-30

Page 3 of 4

LITHOLOGY, ALTERATION, MISC.
Qtz Diorite (cont)
(36.3 - 36.4) Bx + gouge → fault
(36.5 - 36.8) — " —
40.4 - 60.9 : Sandstone ?
(40.4 - 40.9 : med gy-grn, m.g. → f.g. gy-white qtz (?) specks ↓ in intensity downsection. Carb/qtz units sub // to C.A in upper 20cm
(40.9 - 41.3) : med → dk gy-grn, f.g. → m.g. Local qtz vns in bottom 20 cm.
(41.3 - 44.0) : med gy lightening to light gy downsection. 20cm qtz @ top of section w̄ broken and sericitized rk either side. m-si becoming i-si as core lightens m-sericite in light coloured rk.
(44.0 - 52.3) lt yellow-grn-gy, locally med grn-gy @ (45.4 - 46.1 m). m-i sericite in lt sections. w → mod. qtz vns @ (45.7 - 51.8 m).

Depth: 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

GRAPHIC LOG



MINERALIZATION
Qtz : white + minor translucent qtz w̄ local chlorite bx. ~ 2-3% sx in patches → py, cp, pø, sp, gl.
Q-flood/i-Si : ~ 1% diss py
Qvns : white + gy qtz. Average ≤ 2cm wide @ low → mod angle to C.A. Variably mineralized : py, pø, cp, loc sp + gl

RECOVERY Run	%
36.3	82
37.8	100
40.8	100
42.3	98
45.4	100
48.15	100
48.8	100

ANALYTICAL Sample	Interval to	width	Au G/T	Ag G/T	Cu/Zn PPM	Pb/W PPM
26427	40.1-41.1	1.0	0.01	1.6	63/60	24/2
26428	41.1-41.6	0.5	1.47	38.5	865/1530	34/16
26429	41.6-42.5	0.9	0.01	2.0	77/56	23/3
26430	42.5-44.0	1.5	0.02	1.8	137/1060	19/2
26431	44.0-45.7	1.7	0.03	2.7	135/120	49/2
26432	45.7-47.2	1.5	0.01	6.2	247/395	31/75
26433	47.2-47.9	0.7	0.18	18.1	2400/3430	69/2
26434	47.9-49.5	1.6	0.12	10.6	470/740	145/2
26435	49.5-51.1	1.6	4.13	211.5	570/3080	52/4

BOX

DDH: 89-30

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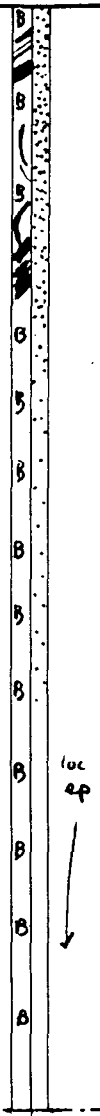
LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION
Sandstone (cont)	49		
	50		
	51		
(52.3 - 56.4) med gy grn to local lt gy-grn. f.g → m.g. w̄ v. local floating white speckles (≤ 4 mm dia.) w-sericite weakly broken @ 54.6 - 55.4 m.	52 53 54 55 56		
(56.4 - 58.9) med gy w̄ loc. dk grn tones. weak white gte (?) speckes scattered in f.g + m.g. matrix. Local bands + patches of epidote	57 58	loc ep	
(58.9 - 60.6) as above but without epidote patches	59 60		
E.O.H. 60.6m			

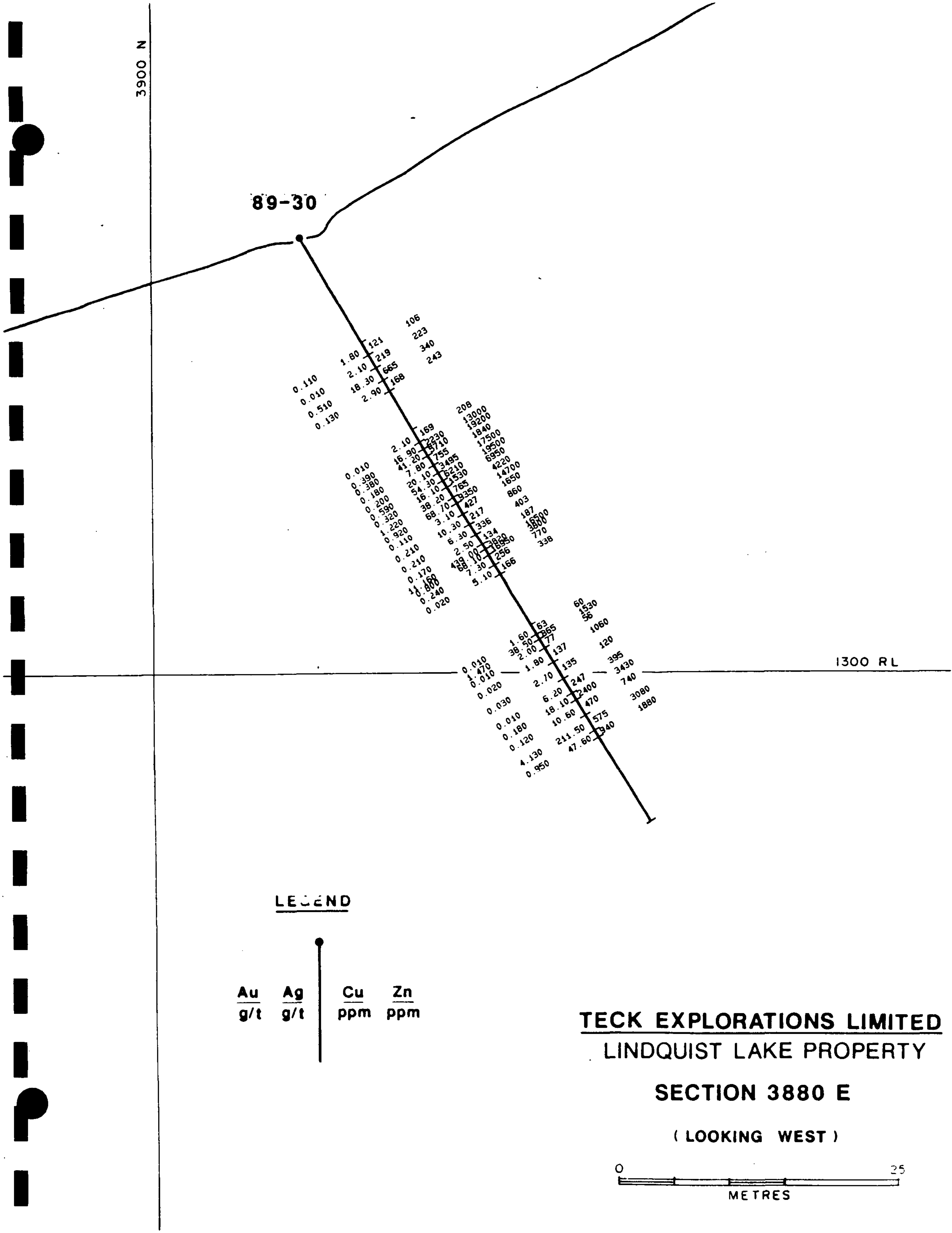


RECOVERY	
Run	%
51.2	100
52.1	100
53.9	100
55.2	100
57.6	86
60.6	100

ANALYTICAL						
Sample	Interval to	width	Au g/T	Ag g/T	Cu / Zn	Pb / W
26436	51.1-51.8	0.7	0.95	47.6	940 / 1880	1865 / 2

BOX

DDH: 89-30



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3880 E

(LOOKING WEST)

DIAMOND DRILL HOLE LOG
TECK CORPORATION

Page 1 of 3

Property Deerhorn
Location LINDQUIST LAKE
GRID 2071 N 4941 E
Coord.- Collar N 3913.36
E 3877.63
Elev.- Collar 1338.94
Date Started Sept 26/89
Date Completed Sept 27/89

Hole No. 89-31
Bearing at collar north
Inclination at collar -80
Length 62.5
Core Size BQ Thinwall
Logged By A.S. Pardoe

LEGEND

Quartz	▨		☐
Quartz Diorite	D		☐
Sandstone	B	Silica	☒
Granodiorite	G	Sericite	⁙

SURVEY

Depth	Bearing	Inclination
56.4m	010°	-79°

LITHOLOGY, ALTERATION, MISC.

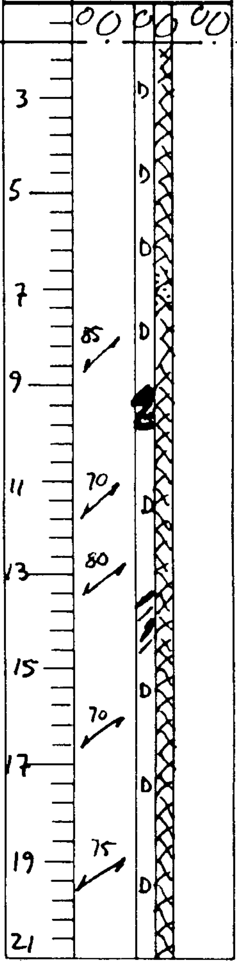
0- 1.8 Casing

1.8- 24.3: Quartz Diorite : dk grn → blk and white. Well foliated c.g. granite texture. 35-50% mafics : dominantly biotite which is weakly chloritized downsection. m→i - Si

(6.6-7.6) mod qtz flood, m→i sericite

(9.2- 9.8) Irregular white qstrs/ are/is 70-80% of core

(13.8 -16.1) w- mod white qtz strs ≤ 5 cm wide



MINERALIZATION

Qstrs: weakly translucent white qtz. ≤ 1% py in small patches. Local i-ser g.dior. frags

Qstrs: ≤ 1% py diss + in patches in both qstrs + host rk.

RECOVERY

Run	%
1.8	
4.0	9
6.1	67
7.9	100
9.1	100
12.2	94
15.2	92
18.3	100

ANALYTICAL

Sample	Interval to	width	Au g/t	As g/t	Cu/Zn (PPM)	Pb/W (PPM)	BOX
26437	9.1 -9.9	0.8	0.03	4.7	366/133	51/3	
					Mo	215	*
26438	13.8-14.9	1.1	0.21	7.4	172/182	53/425	
26439	14.9-16.1	1.2	0.26	5.3	106/107	63/2	

DDH: 89-31

LITHOLOGY, ALTERATION, MISC.

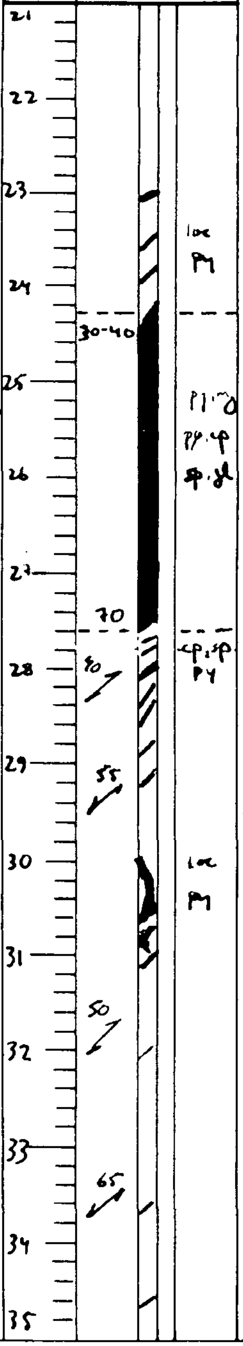
Qtz Diorite (cont)

24.3-27.6: Qtz Vn: slightly translucent white + lesser gy qtz. Competent, well mineralized vn w local chl along fractures. Mineralization occurs along full length but is more concentrated @ (26.5-27.0m) H.W. sharp @ 30-40°. FW sharp @ 70°

27.6-36.6: Qtz Diorite (Granodiorite?) Pale grn becoming lt (yellow)-gy downsection. i-Si becoming m-Si downsection. w→m sericite, becomes m→i sericite below 31.8m. Well foliated.

(27.6-31.2) w→mod translucent white + white qtrs irregular orientations.

Depth | **GRAPHIC LOG**



MINERALIZATION

Qtrs: weak mnzd. qtrs ≤ 1.2 cm wide, trace py.

Qtz Vn: 2-4% sx in net textured patches. → py, mg > po, cp > sp > gl.

Qtrs: narrow qtrs next to vn bear minor cp + sp. Rest of qtrs are barren or locally bear patches of py

RECOVERY

Run	%
21.3	100
24.4	100
27.4	100
30.5	100
33.5	100

ANALYTICAL

Sample	Interval to	width	Au g/T	Ag g/T	PPM Cu / Zn	PPM Pb / W
26440	23.0-24.3	1.3	0.01	2.7	128 / 144	37 / 3
26441	24.3-25.0	0.7	0.29	18.2	3620 / 8250	38 / 2
26442	25.0-25.7	0.7	0.43	21.1	2380 / 12900	38 / 2
26443	25.7-26.3	0.6	0.52	65.3	715 / 4100	373 / 2
26444	26.3-26.9	0.6	9.78	282.0	4615 / 16000	223 / 2
26445	26.9-27.6	0.7	0.60	24.6	850 / 2150	31 / 2
26446	27.6-28.8	1.2	0.06	5.1	108 / 252	32 / 2
26447	28.8-30.0	1.2	0.02	14.2	72 / 90 Mo	381 / 24 1450 *
26448	30.0-31.2	1.2	0.01	2.3	157 / 353	27 / 2

BOX

DDH: 89-31

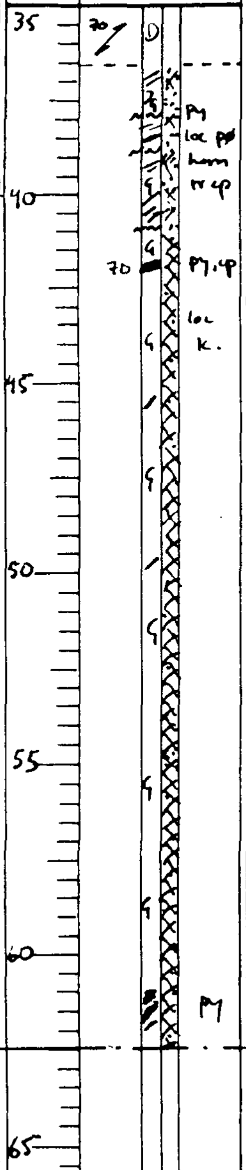
Page 3 of 3

LITHOLOGY, ALTERATION, MISC.

36.6 - 62.5: Granodiorite
(36.6 - 41.5) Granodiorite? - v. similar
to unit above, except primary qtz
is often visible. Core has lost grn tone
but locally ≤ 2% dk grn mafics are
present. mod → local i - sericite. Foliated
w qtz along foliation planes. Local qtzs.
Broken w pebbly gouge @ (37.2-33.6),
(38.8-39.0) + (41.2-41.3)
(41.5 - 62.5) weak → mod clouded granite
texture. ≤ 4% dk grn mafics
w. to local mod - very local
i - sericite. m → i - Si. V. local
foliation. Local qtzs: (≤ 3 cm
wide, white + local translucent qtz)
V. local k-spar

E.O.H.: 62.5m

Depth / **GRAPHIC LOG**



MINERALIZATION

Qtzs. white + minor translucent
qtz bearing 1% sx: py
loc. po, hem. tr cp.

Qtz: 30 cm wide, ~2-3%
sx - py, tr cp.

Qtz / flood - translucent
gy + white qtz w particles
of c.g. PY

RECOVERY

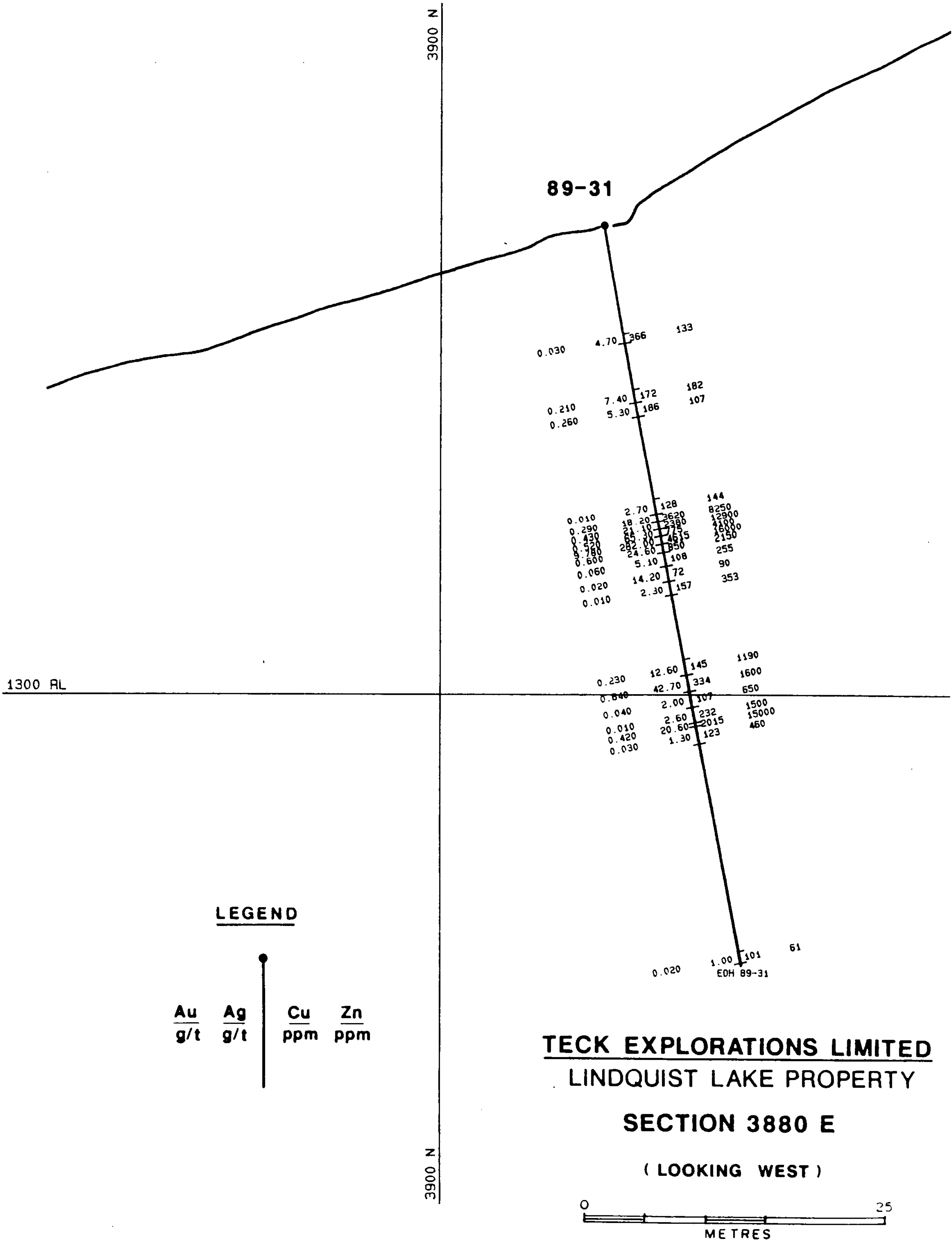
Run	%
36.6	100
39.6	100
42.7	100
45.7	100
48.8	100
51.8	100
54.3	100
57.6	99
60.4	100
61.0	100
62.5	100

ANALYTICAL

Sample	Interval to	width	Au	Ag	Cu / Zn	Pb / W
26449	36.6-37.9	1.3	0.23	12.6	145 / 1190	22 / 2
26450	379-39.3	1.4	0.64	42.7	334 / 1600	40 / 2
26451	39.3-40.6	1.3	0.04	2.0	107 / 650	35 / 2
26452	406-41.9	1.3	0.01	2.6	232 / 1500	80 / 2
26453	41.9-42.2	0.3	0.42	20.6	2015 / 15000	107 / 2
26454	42.2-43.7	1.5	0.03	1.3	123 / 460	21 / 3
26455	61.2-62.2	1.0	0.02	1.0	31 / 61	31 / 2

BOX

DDH: 89-31



TECK EXPLORATIONS LIMITED

LINDQUIST LAKE PROPERTY

SECTION 3880 E

(LOOKING WEST)

APPENDIX 2

ASSAY AND SURVEY DATA FOR ALL KNOWN DIAMOND DRILL HOLES

DEERHORN SURVEY 1989

STATION	COORDINATES		ELEVATION	DESCRIPTION
	N	E		
Arete	5,912,985.300	620,679.015	1894.941	Pin with disk #7557, Top Mtn. S.W. Chikamin
Bing	1,564.433	618,105.924	1594.00	Spike on shoulder of ridge S.E. Lindquist Lk.
S-1	3,864.60	14,021.52	1287.50	Spike in wasterock, 9m. S. of portal
Equinox	3,827.15	4,150.70	1253.69	Spike on S. side of old core pile
P-13	3,944.03	4,217.34	1283.07	Big White Knob, paint on rock
P1	3872.40	4014.76	1293.23	Outcrop above portal - White Qtz
2	3902.53	4011.55	1304.31	DDH 89-5
3	3905.76	4011.57	1304.36	DDH 89-4 (3,2,1)
4	3897.00	4068.20	1286.48	DDH 89-9
5	3900.90	4068.56	1286.82	DDH 89-6,7,8
6	3880.95	4074.56	1278.62	O.C. in Creek near camp - Hi grade
7	3851.86	4033.64	1278.90	Grid origin 2000N 5000E
8	3863.23	4157.03	1257.15	Vein below outhouse
9	3858.02	4207.37	1247.02	B.L. 2000N 5175E
10	3865.40	4212.27	1246.16	DDH 89-10 etc
11	3864.74	4212.27	1246.18	DDH 89-13
12	3860.21	4212.15	1246.44	DDH 89-12 etc
13	3944.03	4217.34	1283.07	Traverse point - big white knob
14	3877.75	3954.63	1306.79	High grade O.C. original vein Ck.
15	3875.87	3908.54	1316.41	O.C. below drill QZ
16	3865.59	3882.37	1320.92	End of large Qtz near Ck.
17	3909.43	3905.19	1331.61	DDH 89-28
18	3914.72	3905.84	1332.03	DDH 89-27,26,25
19	3907.26	3877.63	1338.94	Backsite for DDH89-29,30 & 31 + 6.10N
20	3907.67	3844.13	1345.02	DDH 36 1m
21	3832.71	3719.23	1365.37	B.L. 4675E 2000N
22	3927.77	3789.78	1374.10	DDH X-R-27 1m
23	3941.61	3760.66	1389.06	DDH 35 1m
24	3950.11	3869.38	1359.73	DDH 26,28,30,32,34 1m
25	3976.50	3924.72	1356.65	DDH 22
26	3913.39	4112.14	1286.93	DDH 25 (27,19)
27	3868.05	4278.39	1234.96	DDH 89-20,21,22
28	3863.32	4278.49	1234.81	DDH 89-23,24
29	3869.82	4397.61	1225.76	DDH 89-17,18,19
30	3865.26	4398.73	1225.77	DDH 89-14,15,16
31	3861.85	4406.81	1225.01	B.L. 2000N 5375E
32	3831.86	4396.70	1217.47	Bing's showing on road #1254
33	3755.95	4381.58	1208.83	Horseshoe vein, large knob
34	3817.63	4339.88	1214.43	Ck. vein sample #1432 2m. East
35	3800.36	4269.09	1218.77	Ck. big vein sample #1448 1m. East
36	3794.33	4031.10	1257.27	DDH X R 10 (exact)
37	3846.75	4006.04	1281.82	Outcrop vein above camp
UG1	3877.52	4013.02	1290.50	Underground traverse station

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:10

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-01	3905.76	4011.57	1304.36	360	45	60.37			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	1.94	1.940							
1701	1.94	2.97	1.030	19.6	408.00	24.70	9550	12660	1200	15
1702	2.97	4.09	1.120	.52	16.30	0.72	194	125	80	20
1703	4.09	5.20	1.110	.19	6.20	0.27	153	169	55	14
1704	5.20	6.70	1.500	.02	0.40	0.02	44	229	140	8
1705	6.70	7.50	0.800	.17	13.60	0.34	81	993	480	2
	7.50	9.90	2.400							
1706	9.90	11.00	1.100	.06	3.90	0.11	111	265	25	2
1707	11.00	11.5	0.500	.42	20.10	0.67	164	750	35	23
	11.5	12.70	1.200							
1708	12.70	13.40	0.700	.08	6.30	0.16	158	394	10	12
1709	13.40	13.60	0.200	1.52	34.00	1.94	147	4060	20	50
1710	13.60	15.10	1.500	.15	2.20	0.18	72	103	5	6
1711	15.10	16.40	1.300	.01	1.80	0.03	158	212	15	10
1712	16.40	17.10	0.700	.02	0.10	0.02	31	68	10	167
	17.10	20.30	3.200							
1713	20.30	20.80	0.500	.8	22.10	1.08	233	228	20	12
1714	20.80	21.60	0.800	.03	0.10	0.03	114	54	10	1
1715	21.60	22.70	1.100	.03	3.40	0.07	161	288	10	1
1716	22.70	23.40	0.700	9.8	485.00	15.86	4420	11940	50	10
1717	23.40	24.1	0.700	.72	29.80	1.09	836	3160	25	2
1718	24.1	24.7	0.600	.01	3.70	0.06	117	202	15	1
1719	24.7	26.3	1.600	.05	3.60	0.10	150	84	15	2
1720	26.3	26.8	0.500	.01	2.10	0.04	158	206	15	3
1721	26.8	27.4	0.600	.2	14.30	0.38	158	349	50	1
	27.4	29.7	2.300							
1722	29.7	30.7	1.000	.17	4.90	0.23	277	96	20	15
1723	30.7	32.2	1.500	1.95	52.00	2.60	567	605	15	5
1724	32.2	33.5	1.300	.01	6.80	0.10	169	334	15	3
1725	33.5	34.0	0.500	.02	3.50	0.06	178	151	35	2
1726	34.0	34.4	0.400	2.82	100.80	4.08	742	2230	475	18
1727	34.4	35.6	1.200	.21	12.40	0.36	56	64	55	2
1728	35.6	36.2	0.600	.22	15.90	0.42	311	303	70	6
1729	36.2	36.6	0.400	28.9	949.00	40.76	481	951	195	15
1730	36.6	37.4	0.800	.01	1.60	0.03	108	74	35	1
1731	37.4	38.2	0.800	1.92	86.10	3.00	319	751	645	8
1732	38.2	38.5	0.300	3.85	170.40	5.98	892	4160	575	32
1733	38.5	39.0	0.500	.01	1.20	0.02	50	195	100	3
	39.0	41.2	2.200							
1734	41.2	42.0	0.800	.41	10.90	0.55	131	642	35	1
1735	42.0	42.7	0.700	.5	30.80	0.88	318	126	30	5
1736	42.7	44.2	1.500	.17	7.90	0.27	242	303	75	3
1737	44.2	44.7	0.500	4.7	116.70	6.16	1670	632	85	78
1738	44.7	46.2	1.500	.03	0.40	0.03	88	51	15	2
1739	46.2	47.4	1.200	.02	0.10	0.02	73	105	15	1
1740	47.4	48.2	0.800	.01	0.10	0.01	121	60	20	16
	48.2	50.2	2.000							
1741	50.2	51.7	1.500	.02	0.10	0.02	80	74	15	2
1742	51.7	53.2	1.500	.01	0.10	0.01	36	303	15	1
1743	53.2	54.3	1.100	.02	0.10	0.02	79	134	10	2
	54.3	58.1	3.800							
1744	58.1	58.7	0.600	.4	4.30	0.45	127	93	15	3

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:12

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-01	3905.76	4011.57	1304.36	360	45	60.37			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
1745	58.7	59.4	0.700	.03	1.40	0.05	143	83	20	20
	59.4	60.37	0.970							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:12

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-02	3905.76	4011.57	1304.36	360	55	60.37			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	1.52	1.520							
1746	1.52	2.47	0.950	.18	6.70	0.26	832	290	47	16
1747	2.47	3.20	0.730	3.79	110.00	5.16	3440	720	144	37
1748	3.20	4.27	1.070	9.82	272.00	13.22	5520	5140	3350	25
1749	4.27	5.14	0.870	.79	20.30	1.04	302	201	40	10
1750	5.14	6.20	1.060	.17	4.50	0.23	129	126	118	4
1751	6.20	7.10	0.900	.21	8.30	0.31	136	167	44	14
	7.10	11.7	4.600							
1752	11.7	12.5	0.800	.05	2.00	0.08	89	67	21	1
1753	12.5	12.8	0.300	14.52	435.00	19.96	2820	340	146	20
1754	12.8	13.9	1.100	.32	13.40	0.49	232	860	8	17
1755	13.9	14.5	0.600	.43	11.20	0.57	122	214	7	39
1756	14.5	14.9	0.400	48.8	1050.00	61.92	1360	22500	86	22
1757	14.9	15.9	1.000	1.2	36.50	1.66	154	600	14	12
1758	15.9	17.0	1.100	5.71	112.00	7.11	763	1560	18	8
1759	17.0	18.5	1.500	.61	8.00	0.71	312	143	15	36
1760	18.5	19.0	0.500	4.12	120.00	5.62	1372	750	23	9
1761	19.0	20.0	1.000	.18	4.00	0.23	102	172	10	2
1762	20.0	21.5	1.500	3.01	62.00	3.78	1176	273	20	1
1763	21.5	22.6	1.100	2.18	63.00	2.97	4300	980	23	4
1764	22.6	23.3	0.700	16.15	364.00	20.70	7130	880	56	3
1765	23.3	24.8	1.500	.61	14.50	0.79	331	367	12	14
1766	24.8	25.3	0.500	.2	4.00	0.25	260	171	19	1
1767	25.3	26.1	0.800	3.74	68.20	4.59	627	1260	24	13
1768	26.1	27.3	1.200	.45	12.40	0.60	299	650	25	6
	27.3	28.8	1.500							
1769	28.8	30.0	1.200	.59	20.10	0.84	176	940	22	7
1770	30.0	30.8	0.800	.58	22.20	0.86	235	1480	305	2
1771	30.8	32.2	1.400	.31	9.00	0.42	303	288	20	15
1772	32.2	33.5	1.300	.22	4.30	0.27	129	192	12	1
1773	33.5	34.5	1.000	3.33	54.10	4.01	1110	1380	18	3
1774	34.5	35.8	1.300	.77	26.00	1.09	183	250	25	2
1775	35.8	36.9	1.100	7.1	289.00	10.71	298	160	85	29
1776	36.9	38.3	1.400	2.85	154.00	4.77	718	1230	780	20
1777	38.3	39.8	1.500	.71	22.40	0.99	306	174	26	15
1778	39.8	41.3	1.500	.01	2.30	0.04	107	61	12	2
1779	41.3	42.0	0.700	.6	12.00	0.75	369	1200	15	3
	42.0	42.9 —	0.900							
1780	42.9	44.1	1.200	.01	2.00	0.04	90	115	19	4
1781	44.1	45.0	0.900	38.5	1400.00	56.00	4400	18150	9300	45
1782	45.0	45.4	0.400	.17	6.00	0.25	64	202	129	2
1783	45.4	46.5	1.100	.05	2.50	0.08	114	214	86	1
1784	46.5	48.0	1.500	.37	10.20	0.50	650	330	73	2
1785	48.0	48.7	0.700	.16	6.30	0.24	232	137	50	1
1786	48.7	49.8	1.100	1.58	54.30	2.26	1214	870	195	30
1787	49.8	50.4	0.600	.01	3.20	0.05	197	114	27	20
1788	50.4	51.3	0.900	.01	0.20	0.01	20	38	7	1
1789	51.3	52.1	0.800	.01	1.90	0.03	58	27	7	2
	52.1	53.4	1.300							
1790	53.4	54.0	0.600	.03	4.20	0.08	381	82	22	8
	54.0	54.6	0.600							
1791	54.6	55.1	0.500	.01	1.00	0.02	163	62	14	1

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-02	3905.76	4011.57	1304.36	360	55	60.37			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	55.1	57.8	2.700							
1792	57.8	58.9	1.100	.01	1.60	0.03	68	97	12	4
1793	58.9	59.6	0.700	.01	1.90	0.03	155	45	15	2
	59.6	60.37	0.770							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:14

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-03	3905.76	4011.57	1304.36	360	67	88.09			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	1.83	1.830							
1794	1.83	3.60	1.770	.21	10.40	0.34	727	660	225	1
1795	3.60	4.3	0.700	6.9	138.00	8.63	915	384	76	75
1796	4.3	5.8	1.500	3.84	100.00	5.09	1760	1550	88	28
1797	5.8	7.8	2.000	.04	2.20	0.07	67	87	50	2
	7.8	11.1	3.300							
26500	11.1	12.1	1.000	.11	4.00	0.16	82	294	8	26
26499	12.1	13.1	1.000	.03	2.50	0.06	31	236	10	10
1798	13.1	14.3	1.200	12.3	230.00	15.18	683	2130	44	23
1799	14.3	15.6	1.300	.2	8.00	0.30	187	428	9	1
1800	15.6	17.1	1.500	2.01	34.00	2.44	346	2050	16	40
1801	17.1	18.8	1.700	.25	9.70	0.37	167	426	28	2
1802	18.8	20.3	1.500	1.21	30.00	1.59	1142	2030	15	6
1803	20.3	21.0	0.700	.54	13.60	0.71	188	2400	14	25
	21.0	22.83	1.830							
1804	22.83	23.5	0.670	2.16	39.60	2.66	455	2090	11	2
1805	23.5	25.0	1.500	3.92	99.00	5.16	715	1700	26	3
1806	25.0	26.6	1.600	1.25	39.60	1.75	610	1730	53	25
1807	26.6	26.9	0.300	.4	27.00	0.74	1430	415	22	6
1808	26.9	27.6	0.700	.18	3.00	0.22	171	66	10	3
1809	27.6	28.3	0.700	1.1	30.00	1.48	474	1550	34	45
1810	28.3	28.8	0.500	9.1	208.00	11.70	1123	1740	1050	35
1811	28.8	30.2	1.400	1.05	27.60	1.39	306	830	78	4
1812	30.2	31.7	1.500	1.37	21.60	1.64	270	1340	38	1
1813	31.7	33.0	1.300	1.44	39.20	1.93	603	1058	82	2
1814	33.0	33.7	0.700	11.5	262.00	14.78	5140	12850	47	2
1815	33.7	34.5	0.800	.51	14.40	0.69	665	673	15	25
1816	34.5	35.1	0.600	.21	8.10	0.31	235	437	12	14
1817	35.1	36.0	0.900	.05	3.70	0.10	506	124	10	3
1818	36.0	37.5	1.500	1.01	36.00	1.46	364	1110	26	1
1819	37.5	38.0	0.500	5.75	160.00	7.75	7000	4060	16	2
1820	38.0	39.0	1.000	1.65	34.80	2.08	1069	1560	22	35
1821	39.0	40.7	1.700	2.07	62.00	2.84	334	601	26	2
1822	40.7	41.7	1.000	.25	6.80	0.34	189	330	11	1
1823	41.7	43.0	1.300	3.49	90.20	4.62	3300	2860	32	25
1824	43.0	43.7	0.700	1.04	26.30	1.37	415	979	86	7
1825	43.7	45.0	1.300	.82	38.10	1.30	609	604	36	4
1826	45.0	46.5	1.500	.21	7.00	0.30	194	234	10	2
1827	46.5	48.0	1.500	.19	10.00	0.31	366	176	14	4
1828	48.0	49.5	1.500	.04	8.10	0.14	253	458	14	2
1829	49.5	51.0	1.500	2.06	64.00	2.86	365	438	17	50
1830	51.0	51.5	0.500	.57	30.00	0.94	437	285	53	45
1831	51.5	52.1	0.600	14.25	553.00	21.16	2220	8170	75	9
1832	52.1	52.8	0.700	1.74	88.00	2.84	873	1135	39	40
1833	52.8	54.2	1.400	.03	2.10	0.06	78	1285	280	3
	54.2	58.5	4.300							
1834	58.5	59.8	1.300	.02	0.70	0.03	134	114	44	1
1835	59.8	60.1	0.300	5.36	23.10	5.65	826	10850	8400	50
1836	60.1	61.3	1.200	.01	2.10	0.04	274	749	163	10
1837	61.3	62.1	0.800	.01	0.20	0.01	63	102	15	12
1838	62.1	63.6	1.500	.01	0.20	0.01	39	74	25	15
1839	63.6	65.0	1.400	.02	0.20	0.02	35	76	15	115

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-03	3905.76	4011.57	1304.36	360	67	88.09			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
1840	65.0	66.0	1.000	.01	0.30	0.01	69	84	10	1
	66.0	72.0	6.000							
1841	72.0	72.3	0.300	.01	0.20	0.01	402	155	34	12
	72.3	88.09	15.790							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:17

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-04	3905.76	4011.57	1304.36	360	85	115.82			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	3.3	3.300							
1842	3.3	4.5	1.200	.94	22.00	1.22	386	977	98	2
1843	4.5	6.0	1.500	.25	5.60	0.32	211	209	29	3
1844	6.0	7.2	1.200	.21	8.20	0.31	252	252	60	2
1845	7.2	7.7	0.500	8.74	285.00	12.30	2940	6280	6400	53
1846	7.7	8.7	1.000	.03	4.00	0.08	91	97	56	3
	8.7	13.8	5.100							
1847	13.8	15.2	1.400	.09	5.60	0.16	176	233	31	2
1848	15.2	16.3	1.100	2.1	59.90	2.85	2330	694	23	39
1849	16.3	16.8	0.500	.4	10.00	0.53	206	187	15	16
1850	16.8	17.7	0.900	.19	1.90	0.21	106	108	12	9
1851	17.7	18.6	0.900	.2	2.30	0.23	299	325	10	3
1852	18.6	19.6	1.000	1.39	34.20	1.82	1750	2680	34	2
1853	19.6	20.6	1.000	1.12	19.30	1.36	479	3000	10	4
1854	20.6	21.6	1.000	.19	4.00	0.24	132	153	5	9
1855	21.6	22.4	0.800	.19	2.10	0.22	94	99	6	32
1856	22.4	24.0	1.600	7.41	138.00	9.13	3370	376	18	2
1857	24.0	25.0	1.000	.24	2.60	0.27	103	253	6	10
1858	25.0	26.5	1.500	.2	4.10	0.25	181	310	4	7
1859	26.5	28.0	1.500	.12	3.90	0.17	288	121	3	16
	28.0	31.0	3.000							
1860	31.0	32.1	1.100	.13	3.90	0.18	263	377	25	55
	32.1	35.0	2.900							
1861	35.0	36.0	1.000	.58	14.00	0.75	233	597	3	1
1862	36.0	37.0	1.000	5.4	53.30	6.07	501	296	9	2
1863	37.0	38.0	1.000	.63	15.70	0.83	671	356	4	2
1864	38.0	39.0	1.000	1.49	22.00	1.77	307	1380	6	3
1865	39.0	40.0	1.000	.03	1.30	0.05	97	311	19	6
1866	40.0	41.5	1.500	.81	15.20	1.00	253	573	10	15
1867	41.5	41.9	0.400	.17	1.80	0.19	122	213	20	4
1868	41.9	42.3	0.400	.2	6.20	0.28	725	163	10	11
1869	42.3	43.6	1.300	.2	4.10	0.25	138	426	8	3
1870	43.6	44.2	0.600	.07	1.80	0.09	312	52	4	2
1871	44.2	45.7	1.500	.19	2.70	0.22	142	99	8	25
1872	45.7	46.9	1.200	.21	3.90	0.26	169	103	4	2
	46.9	48.9	2.000							
1873	48.9	50.4	1.500	.2	2.10	0.23	87	47	5	4
1874	50.4	52.0	1.600	.23	4.30	0.28	132	180	10	16
	52.0	53.4	1.400							
1875	53.4	54.0	0.600	7.87	108.80	9.23	290	150	23	38
1876	54.0	55.4	1.400	.2	2.20	0.23	115	94	7	2
	55.4	69.1	13.700							
1877	69.1	70.1	1.000	.02	0.40	0.02	43	223	50	2
1878	70.1	71.4	1.300	.01	1.80	0.03	56	1450	600	10
1879	71.4	71.6	0.200	.15	15.90	0.35	464	18750	4350	7
1880	71.6	72.5	0.900	.01	0.40	0.01	44	1710	450	2
1881	72.5	73.5	1.000	.04	1.50	0.06	36	1232	450	1
1882	73.5	74.5	1.000	.05	0.20	0.05	24	709	227	2
1883	74.5	75.5	1.000	.01	0.10	0.01	24	459	130	1
1884	75.5	76.5	1.000	.02	0.10	0.02	22	435	95	2
1885	76.5	77.5	1.000	.04	0.10	0.04	29	456	125	1
1886	77.5	78.5	1.000	.03	0.20	0.03	30	357	84	2

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-04	3905.76	4011.57	1304.36	360	85	115.82			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
1887	78.5	79.6	1.100	.05	0.20	0.05	54	680	96	4
1888	79.6	80.8	1.200	.01	0.20	0.01	73	203	34	85
	80.8	82.3	1.500							
1889	82.3	83.3	1.000	.02	0.10	0.02	34	80	7	3
1890	83.3	83.7	0.400	1.59	44.30	2.14	430	2580	26	204
1891	83.7	84.1	0.400	.4	12.50	0.56	188	570	25	3
1892	84.1	85.0	0.900	.61	26.30	0.94	352	1063	23	5
	85.0	86.6	1.600							
1893	86.6	87.7	1.100	.07	2.60	0.10	133	576	225	20
	87.7	89.1	1.400							
1894	89.1	90.3	1.200	.82	21.90	1.09	250	3230	125	55
1895	90.3	91.0	0.700	.07	3.80	0.12	266	728	50	19
1896	91.0	91.5	0.500	.05	4.20	0.10	168	284	26	5
	91.5	94.1	2.600							
1897	94.1	95.1	1.000	.04	0.40	0.04	89	89	10	2
1898	95.1	95.5	0.400	3	184.50	5.31	2240	5590	145	15
1899	95.5	96.3	0.800	.11	8.10	0.21	487	285	30	5
1900	96.3	97.3	1.000	.05	4.00	0.10	298	305	16	10
1901	97.3	98.4	1.100	.12	10.10	0.25	386	771	10	8
1902	98.4	99.1	0.700	.14	4.00	0.19	230	97	11	1
	99.1	105.7	6.600							
1903	105.7	107.5	1.800	.01	0.20	0.01	33	44	7	5
1904	107.5	109.0	1.500	.02	0.10	0.02	46	45	15	54
	109.0	113.3	4.300							
1905	113.3	113.6	0.300	.01	0.10	0.01	34	46	9	40
	113.6	115.82	2.220							

LINDQUIST LAKE PROPERTY
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Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
89-05	3902.53	4011.55	1304.31	180	65	106.40		#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~Wt~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	3.7	3.700							
1906	3.7	4.4	0.700	.18	6.70	0.26	320	125	10	12
1907	4.4	4.9	0.500	.04	2.30	0.07	208	110	11	29
1908	4.9	5.4	0.500	.04	7.80	0.14	720	412	26	102
	5.4	7.0	1.600							
1909	7.0	8.8	1.800	.02	14.00	0.19	1270	337	110	25
	8.8	9.1	0.300							
1910	9.1	9.6	0.500	.15	4.30	0.20	184	248	65	10
	9.6	11.3	1.700							
1911	11.3	12.1	0.800	.36	12.00	0.51	239	186	44	2
1912	12.1	12.4	0.300	1.34	33.90	1.76	767	1370	3400	32
2033	12.4	12.75	0.350	.02	2.40	0.05	184	219	87	2
1913	12.75	13.25	0.500	.56	14.80	0.75	397	434	145	1
2034	13.25	14.3	1.050	.23	25.20	0.55	950	1325	93	1
1914	14.3	14.85	0.550	6.5	154.00	8.42	1070	1810	165	31
2070	14.85	15.9	1.050	.01	4.20	0.06	125	93	29	2
	15.9	18.2	2.300							
1915	18.2	18.6	0.400	.08	1.70	0.10	100	209	50	1
1916	18.6	19.1	0.500	6.22	81.20	7.23	1990	928	40	2
1917	19.1	19.6	0.500	2.17	80.30	3.17	4890	992	21	1
1918	19.6	20.1	0.500	11.84	273.00	15.25	1760	7360	1670	20
1919	20.1	20.6	0.500	5.69	152.00	7.59	4000	4650	34	6
1920	20.6	21.05	0.450	3.53	63.80	4.33	1135	3760	10	2
2071	21.05	22.1	1.050	.03	6.00	0.11	70	249	103	2
2072	22.1	23.1	1.000	.02	6.20	0.10	43	108	36	1
2073	23.1	24.1	1.000	.01	4.10	0.06	32	95	4	2
	24.1	34.0	9.900							
2074	34.0	35.0	1.000	.19	6.30	0.27	94	144	5	3
1921	35.0	35.7	0.700	25.85	536.00	32.55	4340	4220	71	78
1922	35.7	36.1	0.400	.16	1.80	0.18	74	408	8	15
	36.1	81.7	45.600							
26498	81.7	83.2	1.500	.02	3.70	0.07	73	95	10	15
1923	83.2	83.7	0.500	2.93	48.30	3.53	123	66	22	24
1924	83.7	84.2	0.500	.05	2.10	0.08	119	45	7	16
1925	84.2	84.9	0.700	.04	1.70	0.06	32	26	3	2
1926	84.9	85.3	0.400	.02	2.00	0.04	137	40	2	27
1927	85.3	85.8	0.500	.1	3.90	0.15	264	306	5	20
1928	85.8	86.3	0.500	.12	5.70	0.19	195	58	4	6
2035	86.3	87.2	0.900	.07	0.40	0.08	69	65	28	200
1929	87.2	88.2	1.000	.08	1.80	0.10	205	341	23	210
	88.2	89.6	1.400							
1930	89.6	90.3	0.700	.4	10.90	0.54	417	1255	14	16
1931	90.3	90.8	0.500	.33	2.70	0.36	46	91	8	110
2075	90.8	92.4	1.600	.03	4.70	0.09	88	181	24	5
1932	92.4	93.1	0.700	27.18	572.00	34.33	2370	14700	46	15
2076	93.1	94.2	1.100	.05	6.50	0.13	103	184	4	1
	94.2	106.4	12.200							

LINDQUIST LAKE PROPERTY
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Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
89-06	3900.90	4068.56	1286.82	360	45	66.4		#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	17.7	17.700							
1933	17.7	18.5	0.800	.18	6.10	0.26	727	176	10	8
1934	18.5	19.3	0.800	.07	3.70	0.12	107	103	6	2
1935	19.3	19.9	0.600	.12	4.00	0.17	306	143	9	2
2077	19.9	20.8	0.900	.01	4.30	0.06	102	136	3	2
2078	20.8	21.8	1.000	.11	8.20	0.21	413	126	5	50
1936	21.8	22.15	0.350	6.22	85.90	7.29	1660	184	25	70
2079	22.15	23.3	1.150	.01	3.40	0.05	82	45	4	1
2080	23.3	24.45	1.150	.01	4.00	0.06	55	50	2	3
1937	24.45	24.75	0.300	76.4	720.00	85.40	716	567	58	35
2081	24.75	25.9	1.150	4.62	84.20	5.67	149	98	14	3
26497	25.9	26.9	1.000	.02	8.00	0.12	118	135	23	3
26496	26.9	27.9	1.000	.17	1.50	0.19	117	59	10	10
26495	27.9	29.0	1.100	.39	19.60	0.63	244	527	20	45
1938	29.0	29.6	0.600	2.74	50.00	3.37	3110	683	17	34
1939	29.6	30.1	0.500	54.65	959.00	66.64	3470	12500	95	23
2036	30.1	30.8	0.700	.15	1.40	0.17	98	56	19	2
26494	30.8	31.6	0.800	.19	4.00	0.24	72	230	9	1
1940	31.6	32.6	1.000	1.01	13.60	1.18	364	2075	43	30
26493	32.6	32.9	0.300	.03	3.60	0.08	142	345	18	18
26492	32.9	34.2	1.300	.04	2.40	0.07	137	75	19	1
	34.2	37.7	3.500							
26125	37.7	38.5	0.800	.02	0.40	0.02	54	133	23	2
	38.5	40.4	1.900							
26126	40.4	42.2	1.800	.01	0.60	0.02	182	110	54	43
	42.2	42.8	0.600							
2037	42.8	43.9	1.100	.62	16.00	0.82	650	163	25	43
1941	43.9	44.7	0.800	.22	6.20	0.30	241	64	5	54
2038	44.7	45.6	0.900	.06	3.00	0.10	83	127	12	2
1942	45.6	46.1	0.500	.18	5.70	0.25	1475	312	24	72
	46.1	65	18.900							
	65	66.4	1.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:23

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-07	3900.90	4068.56	1286.82	360	55	51.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	18.7	18.700							
1943	18.7	19.2	0.500	.27	4.30	0.32	166	154	12	16
2039	19.2	20.2	1.000	.03	2.10	0.06	354	233	16	5
1944	20.2	20.7	0.500	.01	0.60	0.02	144	38	11	14
1945	20.7	21.8	1.100	.01	0.80	0.02	74	72	8	27
1946	21.8	22.3	0.500	.16	3.50	0.20	47	137	3	12
1947	22.3	22.8	0.500	.61	17.70	0.83	2225	386	6	21
1948	22.8	23.5	0.700	.03	2.80	0.06	181	221	7	23
1949	23.5	24.2	0.700	.24	12.90	0.40	725	412	14	26
	24.2	26.25	2.050							
1950	26.25	26.85	0.600	.24	1.80	0.26	132	50	10	3
2040	26.85	27.5	0.650	.04	1.70	0.06	113	73	18	1
1951	27.5	27.9	0.400	.83	52.40	1.48	625	268	59	200
	27.9	32.4	4.500							
2051	32.4	33.0	0.600	.46	20.00	0.71	415	8440	38	27
1952	33.0	33.3	0.300	93.5	1480.00	112.00	1950	12600	126	98
1953	33.3	34.0	0.700	.2	6.30	0.28	700	174	10	14
	34.0	46.5	12.500							
1954	46.5	46.9	0.400	.47	14.40	0.65	575	950	12	4
	46.9	51.8	4.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:24

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-08	3900.90	4068.56	1286.82	360	65	54.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	23.4	23.400							
1959	23.4	24.4	1.000	.08	2.70	0.11	550	104	7	17
1960	24.4	24.9	0.500	.18	3.50	0.22	321	133	2	51
1961	24.9	25.9	1.000	.03	1.80	0.05	91	97	2	15
1962	25.9	26.4	0.500	.05	0.70	0.06	43	62	2	10
1963	26.4	26.9	0.500	1.34	61.00	2.10	3950	267	3	3
1964	26.9	27.9	1.000	.04	1.50	0.06	113	49	4	2
1965	27.9	28.8	0.900	.07	1.70	0.09	136	52	3	14
1966	28.8	29.3	0.500	.09	4.10	0.14	239	66	2	25
26491	29.3	30.5	1.200	.02	1.70	0.04	94	100	8	1
26490	30.5	31.7	1.200	.12	0.50	0.13	77	66	12	5
1967	31.7	32.0	0.300	10.23	262.00	13.50	1050	1625	108	85
2041	32.0	32.7	0.700	.03	2.00	0.05	153	88	19	6
1968	32.7	33.2	0.500	19.15	425.00	24.46	1225	525	160	124
26489	33.2	34.4	1.200	.03	1.50	0.05	181	179	8	2
26488	34.4	35.6	1.200	.15	1.00	0.16	216	276	17	2
26487	35.6	36.7	1.100	.03	2.00	0.05	81	116	10	1
26486	36.7	37.8	1.100	.14	0.50	0.15	89	2450	4	4
2042	37.8	38.3	0.500	.16	4.20	0.21	353	242	38	2
1969	38.3	38.9	0.600	29.05	388.00	33.90	3225	8750	41	72
2043	38.9	39.9	1.000	.14	5.90	0.21	322	204	31	5
	39.9	44.0	4.100							
1970	44.0	44.6	0.600	.09	1.60	0.11	144	49	10	10
	44.6	54.6	10.000							

LINDQUIST LAKE PROPERTY
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Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
89-09	3897.00	4068.20	1286.48	180	60	91.9		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	21.2	21.200							
1955	21.2	22.0	0.800	.65	17.60	0.87	425	1725	210	5
1956	22.0	22.5	0.500	1.61	32.00	2.01	975	285	20	2
2044	22.5	23.5	1.000	.22	8.00	0.32	725	675	29	1
	23.5	24.8	1.300							
1957	24.8	25.5	0.700	1.96	57.00	2.67	1175	3475	5	25
1958	25.5	26.1	0.600	2.03	51.80	2.68	1575	1975	3	125
26485	26.1	27.2	1.100	2.18	5.00	2.24	187	245	12	24
26484	27.2	28.3	1.100	1.76	0.90	1.77	455	324	8	3
26483	28.3	29.3	1.000	1.08	0.60	1.09	537	388	11	9
26482	29.3	30.4	1.100	2.37	0.30	2.37	265	90	24	34
1971	30.4	30.8	0.400	3.8	57.20	4.51	800	92	9	15
2045	30.8	31.7	0.900	.16	3.40	0.20	104	296	12	3
1972	31.7	32.2	0.500	4.21	65.70	5.03	1325	232	15	32
26481	32.2	33.6	1.400	1.36	2.00	1.39	42	85	12	10
26480	33.6	35.0	1.400	.18	0.40	0.19	65	45	7	2
	35.0	57.5	22.500							
2046	57.5	58.3	0.800	.02	1.60	0.04	94	85	17	3
1973	58.3	58.8	0.500	.58	8.40	0.68	261	134	9	5
	58.8	63.2	4.400							
26479	63.2	64.3	1.100	.17	29.70	0.54	73	156	502	15
26478	64.3	65.3	1.000	.18	2.20	0.21	111	610	11	1
1974	65.3	66.0	0.700	1.38	40.30	1.88	800	2025	5	10
26477	66.0	66.9	0.900	1.01	0.20	1.01	200	308	5	1
1975	66.9	67.9	1.000	2.27	29.60	2.64	500	575	12	35
1976	67.9	68.5	0.600	1.56	21.70	1.83	377	402	11	20
1977	68.5	69.0	0.500	.63	13.90	0.80	341	600	8	5
1978	69.0	69.5	0.500	.14	3.60	0.19	174	154	10	1
1979	69.5	69.9	0.400	2.26	27.80	2.61	1100	184	92	4
1980	69.9	70.4	0.500	.03	1.50	0.05	121	17	9	2
1981	70.4	70.9	0.500	.04	1.90	0.06	123	34	5	4
2047	70.9	71.4	0.500	.16	1.70	0.18	98	29	19	22
	71.4	91.1	19.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:27

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-10	3865.40	4212.27	1246.16	360	45	69.5			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	32.1	32.100							
2048	32.1	32.9	0.800	.01	0.1	0.01	36	14	11	2
2049	32.9	33.5	0.600	.04	0.2	0.04	153	19	15	20
1982	33.5	34.0	0.500	.16	2.0	0.18	81	18	7	2
2050	34.0	35.1	1.100	.18	2.0	0.21	201	48	14	2
1983	35.1	36.1	1.000	.09	2.1	0.12	229	44	3	109
1984	36.1	37.15	1.050	.04	2.0	0.06	79	17	5	1
1985	37.15	37.55	0.400	2.75	30.4	3.13	118	59	19	2
1986	37.55	38.6	1.050	1.27	16.2	1.47	208	1925	9	5
26476	38.6	39.8	1.200	.46	0.2	0.46	153	589	3	2
26475	39.8	41.1	1.300	.02	1.2	0.03	71	54	4	1
1987	41.1	41.7	0.600	.6	6.3	0.68	166	363	13	23
	41.7	69.5	27.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:28

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-11	3860.21	4212.15	1246.44	180	50	69.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	11.6	11.600							
1988	11.6	11.9	0.300	.02	2.50	0.05	188	216	25	26
	11.9	12.5	0.600							
1989	12.5	12.8	0.300	.01	1.90	0.03	189	550	15	9
	12.8	16.2	3.400							
2010	16.2	16.8	0.600	.62	20.00	0.87	134	56	24	2
26474	16.8	18.7	1.900	.01	14.30	0.19	35	110	9	10
1990	18.7	19.9	1.200	2.4	38.10	2.88	236	205	32	2
1991	19.9	21.0	1.100	.41	3.20	0.45	214	73	21	7
1992	21.0	22.1	1.100	.19	1.20	0.20	233	81	17	12
	22.1	30.8	8.700							
1993	30.8	31.3	0.500	.04	2.00	0.06	194	138	24	4
26473	31.3	32.7	1.400	.01	10.20	0.14	26	138	19	38
26472	32.7	34.0	1.300	.08	2.00	0.10	158	153	10	6
1994	34.0	34.4	0.400	2.62	48.00	3.22	725	152	27	1
26471	34.4	36.0	1.600	.24	0.50	0.25	176	70	15	5
1995	36.0	36.5	0.500	6.47	118.00	7.94	2075	700	76	63
1996	36.5	37.0	0.500	7.53	269.00	10.89	625	775	166	12
1997	37.0	37.5	0.500	1.52	42.00	2.04	875	2975	42	2
1998	37.5	38.5	1.000	.17	2.70	0.20	131	133	33	2
1999	38.5	39.0	0.500	2.21	35.30	2.65	850	304	25	1
2000	39.0	39.8	0.800	.05	1.40	0.07	98	108	18	2
2001	39.8	40.65	0.850	.79	11.70	0.94	289	322	61	1
2002	40.65	41.05	0.400	1.79	32.00	2.19	450	205	28	22
2003	41.05	42.2	1.150	1.08	12.70	1.24	575	262	26	10
2004	42.2	42.7	0.500	5.28	50.10	5.91	875	289	22	15
2005	42.7	43.5	0.800	3.11	42.00	3.63	825	825	23	45
2006	43.5	44.9	1.400	.58	7.80	0.68	244	172	19	5
2007	44.9	45.9	1.000	1.02	12.10	1.17	223	85	16	42
	45.9	53.2	7.300							
2008	53.2	54.2	1.000	.49	9.70	0.61	675	124	22	6
2009	54.2	55.2	1.000	.37	3.90	0.42	38	35	12	1
	55.2	69.8	14.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:29

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
89-12	3860.21	4212.15	1246.44	180	75	72.5		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	7.5	7.500							
2011	7.5	8.1	0.600	.2	4.20	0.25	241	183	16	1
2012	8.1	8.65	0.550	.17	2.90	0.21	202	269	22	2
2013	8.65	9.1	0.450	.18	4.20	0.23	296	102	15	2
2014	9.1	9.5	0.400	.03	0.20	0.03	47	109	21	1
	9.5	20.9	11.400							
26470	20.9	22.3	1.400	.16	2.10	0.19	110	101	17	12
2015	22.3	22.9	0.600	2.37	22.00	2.64	850	158	24	1
2016	22.9	23.4	0.500	2.52	20.20	2.77	207	30	12	2
2017	23.4	23.9	0.500	2.43	24.00	2.73	600	37	27	2
2018	23.9	24.4	0.500	2.91	27.80	3.26	425	54	21	1
2019	24.4	24.9	0.500	2.4	18.00	2.63	334	31	14	2
2020	24.9	25.4	0.500	1.08	9.80	1.20	249	14	8	2
2021	25.4	26.1	0.700	.81	9.80	0.93	236	331	19	1
	26.1	29.5	3.400							
2022	29.5	30.5	1.000	.18	3.70	0.23	182	287	16	1
2023	30.5	31.5	1.000	.22	4.00	0.27	231	224	18	2
2024	31.5	32.5	1.000	.28	4.30	0.33	218	308	19	1
2025	32.5	33.5	1.000	.19	2.10	0.22	142	91	20	1
	33.5	35.4	1.900							
2026	35.4	36.0	0.600	.89	13.60	1.06	407	19	8	1
2027	36.0	36.6	0.600	.41	5.90	0.48	198	136	28	3
2028	36.6	37.1	0.500	5.49	73.20	6.40	1025	1775	34	26
2029	37.1	38.1	1.000	.06	1.70	0.08	94	77	22	2
	38.1	63.2	25.100							
2030	63.2	63.7	0.500	.08	1.90	0.10	131	118	21	2
2031	63.7	64.1	0.400	.42	6.10	0.50	925	94	26	86
2032	64.1	65.1	1.000	.18	2.50	0.21	228	93	19	5
	65.1	72.5	7.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:30

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-13	3864.74	4212.27	1246.18	360	75	68.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	9.0	9.000							
	9.0	14.0	5.000							
2052	14.0	14.9	0.900	.01	7.00	0.10	93	112	18	5
	14.9	18.9	4.000							
2053	18.9	19.0	0.100	.19	10.00	0.31	245	135	9	10
2054	19.0	19.5	0.500	2.2	48.20	2.80	770	1035	12	21
2055	19.5	20.0	0.500	3.89	99.00	5.13	950	2670	13	16
	20.0	29.9	9.900							
2056	29.9	30.8	0.900	.4	12.40	0.56	326	328	5	3
2057	30.8	31.7	0.900	.19	4.70	0.25	18	33	6	1
2058	31.7	32.6	0.900	.14	4.50	0.20	14	43	4	5
2059	32.6	33.5	0.900	.02	4.60	0.08	40	38	5	10
2060	33.5	34.1	0.600	.01	3.70	0.06	25	48	7	2
2061	34.1	34.7	0.600	.02	4.00	0.07	260	131	15	3
2062	34.7	35.3	0.600	.07	3.40	0.11	20	55	3	2
2063	35.3	35.9	0.600	.78	11.80	0.93	11	42	6	1
2064	35.9	36.6	0.700	.05	4.40	0.11	12	26	5	2
2065	36.6	37.3	0.700	.04	6.00	0.12	135	150	14	1
2066	37.3	38.4	1.100	.16	5.00	0.22	44	26	4	10
2067	38.4	38.9	0.500	.04	4.10	0.09	98	59	5	1
2068	38.9	39.6	0.700	.01	2.70	0.04	81	20	8	2
2069	39.6	40.3	0.700	.02	2.00	0.04	39	25	5	40
	40.3	68.9	28.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:31

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-14	3865.26	4398.73	1225.77	180	45.5	104.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	9.2	9.200							
2082	9.2	10.2	1.000	.16	1.00	0.17	78	118	13	1
2083	10.2	10.7	0.500	.04	0.30	0.04	86	52	14	192
2084	10.7	11.9	1.200	.02	0.60	0.03	98	79	13	4
	11.9	25.1	13.200							
2085	25.1	26.0	0.900	.03	1.50	0.05	108	99	19	112
2086	26.0	26.6	0.600	.21	4.00	0.26	388	30	28	33
2087	26.6	27.2	0.600	.04	0.20	0.04	450	18	7	18
2088	27.2	28.3	1.100	.01	0.10	0.01	117	47	13	24
2089	28.3	29.3	1.000	.02	0.10	0.02	54	35	14	1
2090	29.3	30.3	1.000	.04	1.10	0.05	198	46	16	26
2091	30.3	31.8	1.500	.02	1.80	0.04	116	38	14	2
2092	31.8	32.8	1.000	.18	0.10	0.18	87	22	13	1
	32.8	34.65	1.850							
2093	34.65	35.0	0.350	.01	3.70	0.06	30	27	22	54
2094	35.0	36.0	1.000	.02	5.00	0.08	20	37	26	20
2095	36.0	36.7	0.700	.01	4.20	0.06	11	32	17	2
2096	36.7	37.7	1.000	.03	10.80	0.17	253	30	110	7
2097	37.7	38.5	0.800	.06	3.90	0.11	48	51	14	1
	38.5	41.1	2.600							
2098	41.1	42.6	1.500	.39	10.00	0.51	109	58	5	14
2099	42.6	43.8	1.200	.05	3.70	0.10	50	41	2	2
2100	43.8	44.9	1.100	.2	5.60	0.27	75	33	2	13
26001	44.9	45.7	0.800	.01	4.00	0.06	47	167	14	3
26002	45.7	46.9	1.200	.19	5.80	0.26	150	54	10	2
26003	46.9	48.0	1.100	.02	4.70	0.08	48	82	8	1
26004	48.0	49.2	1.200	.07	5.60	0.14	85	1015	65	36
26005	49.2	50.4	1.200	.04	4.00	0.09	352	55	14	468
	50.4	92.5	42.100							
26006	92.5	93.6	1.100	.02	2.90	0.06	60	49	7	3
26007	93.6	94.7	1.100	.02	4.20	0.07	95	54	12	1
26008	94.7	95.8	1.100	.01	4.00	0.06	45	49	6	1
	95.8	104.8	9.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:33

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-15	3865.26	4398.73	1225.77	180	60	60.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	17.3	17.300							
26009	17.3	18.3	1.000	.41	7.70	0.51	220	605	10	2
26010	18.3	19.0	0.700	1.44	16.10	1.64	106	45	7	75
26011	19.0	20.0	1.000	.52	8.30	0.62	194	151	10	20
26012	20.0	21.0	1.000	.74	7.40	0.83	144	90	9	8
26013	21.0	22.0	1.000	.63	8.40	0.73	107	141	16	26
26014	22.0	23.1	1.100	.04	4.00	0.09	54	76	8	8
26015	23.1	24.1	1.000	.02	3.60	0.07	125	79	12	2
26016	24.1	25.0	0.900	3.08	38.00	3.55	225	198	47	66
26017	25.0	26.0	1.000	.1	2.70	0.13	51	23	37	3
26018	26.0	27.0	1.000	.21	2.70	0.24	88	28	28	1
26019	27.0	28.0	1.000	.05	0.50	0.06	68	63	16	2
26020	28.0	28.7	0.700	.02	1.70	0.04	92	19	17	3
26021	28.7	28.9	0.200	.17	11.40	0.31	7750	32	23	10
26022	28.9	30.2	1.300	.06	0.90	0.07	33	13	21	4
26023	30.2	30.9	0.700	.01	2.10	0.04	208	11	44	43
26024	30.9	31.6	0.700	.04	5.90	0.11	133	8	97	1
26025	31.6	32.6	1.000	.02	0.70	0.03	87	19	9	2
26026	32.6	33.6	1.000	.01	0.60	0.02	43	18	9	2
26027	33.6	34.7	1.100	.01	0.10	0.01	17	12	12	1
26028	34.7	35.8	1.100	.02	0.20	0.02	54	18	13	2
26029	35.8	36.9	1.100	.04	0.10	0.04	29	42	16	35
26030	36.9	37.2	0.300	4.13	47.40	4.72	2000	1235	44	2
26031	37.2	38.1	0.900	.05	1.10	0.06	84	18	13	49
26032	38.1	39.0	0.900	.09	1.70	0.11	102	21	28	2
26033	39.0	39.45	0.450	.41	6.30	0.49	900	18	14	84
26034	39.45	39.9	0.450	.21	4.90	0.27	109	10	39	70
26035	39.9	41.1	1.200	.82	8.30	0.92	155	12	23	48
26036	41.1	42.3	1.200	.14	0.30	0.14	43	18	9	3
26037	42.3	43.5	1.200	.02	1.20	0.03	59	18	18	15
	43.5	49.7	6.200							
26038	49.7	50.6	0.900	.07	0.80	0.08	34	19	24	2
26039	50.6	51.5	0.900	.06	0.10	0.06	20	18	13	10
	51.5	60.4	8.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:34

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-16	3865.26	4398.73	1225.77	180	80	67.7			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	8.1	8.100							
26040	8.1	8.8	0.700	.19	2.00	0.21	199	61	19	250
26041	8.8	9.4	0.600	.09	0.30	0.09	118	89	19	5
	9.4	24.7	15.300							
26042	24.7	25.6	0.900	.1	1.70	0.12	79	68	18	2
26043	25.6	26.2	0.600	.39	5.90	0.46	775	49	56	26
26044	26.2	26.75	0.550	6.68	66.00	7.50	440	169	38	21
26045	26.75	27.7	0.950	.08	4.00	0.13	32	37	10	2
26046	27.7	28.8	1.100	.04	3.90	0.09	72	19	6	27
26047	28.8	29.9	1.100	.03	8.60	0.14	380	17	103	10
26048	29.9	31.0	1.100	.07	2.70	0.10	39	19	8	5
26049	31.0	32.1	1.100	.01	2.90	0.05	33	20	2	11
	32.1	39.9	7.800							
26050	39.9	41.0	1.100	.03	2.50	0.06	162	24	3	3
26051	41.0	41.7	0.700	.01	2.60	0.04	14	9	4	30
26052	41.7	42.4	0.700	.02	4.00	0.07	179	10	8	2
26053	42.4	43.0	0.600	.01	2.70	0.04	350	40	8	3
26054	43.0	43.6	0.600	.02	13.50	0.19	244	22	130	1
26055	43.6	44.2	0.600	.02	2.60	0.05	70	16	7	2
	44.2	51.4	7.200							
26056	51.4	52.5	1.100	.01	2.20	0.04	27	93	18	22
26057	52.5	53.5	1.000	.01	2.40	0.04	21	180	32	43
	53.5	57.5	4.000							
26058	57.5	58.4	0.900	.03	2.30	0.06	54	54	8	24
26059	58.4	59.3	0.900	.02	2.60	0.05	27	28	7	46
26060	59.3	59.75	0.450	.01	2.40	0.04	10	11	3	2
26061	59.75	60.65	0.900	.01	2.20	0.04	24	19	2	1
	60.65	67.7	7.050							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:35

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-17	3869.82	4397.61	1225.76	360	80	82.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	4.1	4.100							
26062	4.1	5.1	1.000	.05	4.90	0.11	249	155	7	3
26063	5.1	5.6	0.500	1.88	25.90	2.20	223	48	5	285
26064	5.6	6.1	0.500	.2	6.00	0.28	193	106	10	3
	6.1	8.5	2.400							
26065	8.5	9.1	0.600	.27	5.80	0.34	136	99	12	1
	9.1	19.5	10.400							
26066	19.5	20.5	1.000	.02	3.20	0.06	202	71	7	2
26067	20.5	21.9	1.400	.01	3.40	0.05	60	73	8	5
26068	21.9	23.0	1.100	.01	4.00	0.06	50	39	10	2
26069	23.0	24.1	1.100	.03	10.00	0.15	54	55	5	10
26070	24.1	25.15	1.050	.02	7.80	0.12	60	58	4	12
26071	25.15	25.5	0.350	1.24	15.00	1.43	975	76	11	44
26072	25.5	26.4	0.900	.03	6.20	0.11	62	77	5	12
26073	26.4	27.4	1.000	.01	6.00	0.09	93	130	33	15
26074	27.4	28.4	1.000	.01	5.90	0.08	43	138	55	10
26075	28.4	29.4	1.000	.02	4.50	0.08	23	62	9	2
	29.4	33.2	3.800							
26076	33.2	34.3	1.100	.05	4.30	0.10	100	60	13	120
26077	34.3	35.3	1.000	.18	8.10	0.28	51	58	38	59
	35.3	48.7	13.400							
26078	48.7	49.7	1.000							
26079	49.7	50.7	1.000	.03	4.60	0.09	24	165	8	1
26080	50.7	51.7	1.000	.01	3.00	0.05	14	100	28	2
26081	51.7	52.6	0.900	.02	5.90	0.09	90	601	720	1
26082	52.6	53.6	1.000	.03	0.20	0.03	36	210	100	3
26083	53.6	54.6	1.000	.02	0.40	0.02	17	147	93	2
26084	54.6	55.9	1.300	.05	0.30	0.05	37	52	15	50
26085	55.9	57.2	1.300	.03	0.40	0.03	43	38	10	15
26086	57.2	58.6	1.400	.04	2.30	0.07	175	265	48	5
26087	58.6	59.7	1.100	.05	2.40	0.08	49	1190	810	30
26088	59.7	60.8	1.100	.2	4.30	0.25	225	1480	386	20
26089	60.8	61.8	1.000	.15	2.60	0.18	69	251	53	125
	61.8	64.0	2.200							
26090	64.0	65.2	1.200	.01	0.90	0.02	38	206	40	9
26091	65.2	67.0	1.800	.04	1.50	0.06	90	113	42	5
26092	67.0	68.1	1.100	.05	1.40	0.07	98	804	55	10
26093	68.1	69.2	1.100	.02	1.90	0.04	85	191	44	8
	69.2	82.9	13.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:37

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-18	3869.82	4397.61	1225.76	360	60	78.94			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	4.8	4.800							
26094	4.8	5.8	1.000	.23	5.60	0.30	148	114	23	2
26095	5.8	7.2	1.400	.12	3.70	0.17	177	77	15	25
26096	7.2	8.8	1.600	.28	5.80	0.35	184	99	24	22
	8.8	10.6	1.800							
26097	10.6	11.6	1.000	.08	1.00	0.09	146	132	18	1
26098	11.6	12.8	1.200	.41	7.80	0.51	215	290	34	1
	12.8	16.2	3.400							
26099	16.2	17.0	0.800	.21	5.60	0.28	138	148	35	100
	17.0	20.9	3.900							
26100	20.9	22.0	1.100	.09	0.40	0.10	77	51	13	7
26101	22.0	23.0	1.000	.06	0.30	0.06	89	44	12	2
26102	23.0	24.5	1.500	.05	0.20	0.05	64	53	17	1
26103	24.5	26.0	1.500	.07	0.20	0.07	73	52	14	3
26104	26.0	27.0	1.000	.04	0.40	0.04	73	55	12	5
26105	27.0	28.5	1.500	.03	0.20	0.03	64	75	10	6
26106	28.5	30.0	1.500	2.15	19.70	2.40	290	77	15	23
26107	30.0	31.5	1.500	.05	2.50	0.08	194	60	73	1
26108	31.5	32.1	0.600	.58	3.80	0.63	570	61	8	32
26109	32.1	33.6	1.500	1.61	12.50	1.77	910	53	9	56
26110	33.6	35.1	1.500	12	73.00	12.91	3050	2700	74	153
26111	35.1	36.5	1.400	9.17	78.00	10.15	6300	415	122	83
26112	36.5	38.0	1.500	.01	2.60	0.04	32	74	14	12
26113	38.0	39.5	1.500	.08	8.50	0.19	254	614	102	75
26114	39.5	41.0	1.500	.05	2.70	0.08	80	40	24	150
26115	41.0	42.0	1.000	.06	2.60	0.09	21	19	18	63
26116	42.0	42.7	0.700	.48	23.90	0.78	463	170	160	93
26117	42.7	44.2	1.500	.07	7.40	0.16	326	209	54	60
26118	44.2	45.5	1.300	.07	2.50	0.10	54	42	40	14
26119	45.5	46.6	1.100	1.14	34.20	1.57	800	946	63	58
26120	46.6	48.0	1.400	.37	9.70	0.49	82	319	72	12
26121	48.0	49.0	1.000	.19	6.30	0.27	112	445	16	56
26122	49.0	50.2	1.200	.07	0.90	0.08	85	63	15	2
	50.2	55.6	5.400							
26123	55.6	56.0	0.400	.16	3.80	0.21	39	70	10	1
	56.0	56.9	0.900							
26124	56.9	57.4	0.500	.04	3.50	0.08	286	543	122	55
	57.4	70.94	13.540							
24414062	70.94	78.94000	8.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:38

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-19	3869.82	4397.61	1225.76	360	45	60.96			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	8.2	8.200							
26127	8.2	8.8	0.600	.03	3.30	0.07	105	131	127	25
	8.8	26.9	18.100							
26128	26.9	28.0	1.100	.02	2.40	0.05	100	143	113	12
26129	28.0	29.0	1.000	.04	1.80	0.06	83	84	103	10
	29.0	60.9	31.900							
	60.9	60.96	0.060							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:39

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-20	3868.05	4278.39	1234.96	360	45	75.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	16.1	16.100							
26130	16.1	17.6	1.500	.02	1.90	0.04	83	91	102	2
26131	17.6	18.9	1.300	.37	2.50	0.40	88	83	105	26
26132	18.9	20.4	1.500	.07	2.40	0.10	145	15	107	108
26133	20.4	21.6	1.200	.16	4.00	0.21	63	258	100	3
26134	21.6	22.6	1.000	1.39	16.20	1.59	70	114	127	76
26135	22.6	24.0	1.400	2.09	23.00	2.38	213	162	117	2
26136	24.0	25.6	1.600	.03	1.90	0.05	295	23	97	4
	25.6	33.3	7.700							
26137	33.3	34.5	1.200	.01	2.20	0.04	495	77	105	70
26138	34.5	36.0	1.500	.22	4.30	0.27	195	156	100	5
26139	36.0	37.5	1.500	.05	3.00	0.09	85	23	110	1
26140	37.5	39.7	2.200	.02	1.90	0.04	158	39	98	5
26141	39.7	40.5	0.800	.14	2.30	0.17	123	77	101	32
26142	40.5	41.0	0.500	.03	2.20	0.06	172	116	95	1
26143	41.0	41.8	0.800	.06	2.10	0.09	53	198	109	12
	41.8	45.0	3.200							
26144	45.0	45.6	0.600	.01	1.50	0.03	50	19	87	5
26145	45.6	46.6	1.000	.04	12.00	0.19	23	12	223	23
26146	46.6	48.1	1.500	.02	3.90	0.07	108	39	111	12
26147	48.1	49.6	1.500	.02	2.00	0.04	70	40	114	15
26148	49.6	50.6	1.000	.01	3.80	0.06	23	33	136	130
26149	50.6	52.1	1.500	.22	7.60	0.31	585	297	105	50
26150	52.1	52.8	0.700	.03	2.20	0.06	155	92	97	2
26151	52.8	53.8	1.000	1.1	56.00	1.80	443	491	125	27
	53.8	74.1	20.300							
26152	74.1	74.9	0.800	.02	3.40	0.06	50	141	113	10
	74.9	75.9	1.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:40

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-21	3868.05	4278.39	1234.96	360	60	72.95			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~Nr~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	6.8	6.800							
26153	6.8	7.6	0.800	.01	1.80	0.03	53	89	110	3
26154	7.6	9.0	1.400	.02	1.90	0.04	95	71	121	1
26155	9.0	10.0	1.000	.09	3.90	0.14	153	103	129	5
	10.0	15.1	5.100							
26156	15.1	16.0	0.900	.02	2.60	0.05	65	53	125	2
	16.0	25.0	9.000							
26157	25.0	25.6	0.600	.01	2.90	0.05	87	61	114	19
26158	25.6	26.3	0.700	.01	3.00	0.05	26	22	135	35
26159	26.3	27.0	0.700	.02	2.40	0.05	134	24	95	28
26160	27.0	27.7	0.700	.11	10.30	0.24	442	102	133	34
26161	27.7	29.2	1.500	.01	2.80	0.04	52	41	104	88
	29.2	33.2	4.000							
26162	33.2	34.0	0.800	.05	2.00	0.08	49	31	23	127
26163	34.0	35.4	1.400	.02	1.00	0.03	66	23	7	65
	35.4	41.6	6.200							
26164	41.6	42.3	0.700	.02	0.40	0.02	75	29	4	10
26165	42.3	42.7	0.400	.19	4.50	0.25	99	25	9	105
26166	42.7	43.4	0.700	.01	0.20	0.01	53	12	3	40
	43.4	48.5	5.100							
26167	48.5	49.9	1.400	.02	0.50	0.03	107	65	5	17
26168	49.9	50.7	0.800	.15	4.20	0.20	300	69	14	40
26169	50.7	51.7	1.000	.16	3.60	0.20	117	20	12	73
	51.7	59.0	7.300							
26170	59.0	60.5	1.500	.01	0.20	0.01	50	32	6	1
26171	60.5	61.5	1.000	.03	1.40	0.05	111	87	51	2
	61.5	68.0	6.500							
26172	68.0	69.0	1.000	.02	1.70	0.04	77	125	68	4
26173	69.0	69.7	0.700	.01	1.00	0.02	141	362	175	22
26174	69.7	70.9	1.200	.01	6.20	0.09	240	905	1300	47
	70.9	72.95	2.050							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:42

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
89-22	3868.05	4278.39	1234.96	360	80	96.01		#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	14.2	14.200							
26175	14.2	14.9	0.700	.02	4.00	0.07	54	90	73	16
26176	14.9	16.4	1.500	.01	1.50	0.03	64	89	17	42
26177	16.4	16.8	0.400	.01	0.80	0.02	84	79	6	1
26178	16.8	18.3	1.500	.02	0.20	0.02	73	75	5	2
	18.3	20.0	1.700							
26179	20.0	21.0	1.000	.03	4.00	0.08	125	81	44	3
	21.0	23.0	2.000							
26180	23.0	24.1	1.100	.01	100.00	1.26	64	50	1540	16
26181	24.1	25.3	1.200	.01	5.80	0.08	95	288	115	9
	25.3	31.4	6.100							
26182	31.4	32.6	1.200	.22	5.90	0.29	130	91	17	4
26183	32.6	34.3	1.700	.85	18.20	1.08	508	184	8	35
26184	34.3	35.6	1.300	.04	2.10	0.07	142	110	12	10
26185	35.6	36.6	1.000	.01	0.20	0.01	20	101	2	1
26186	36.6	37.7	1.100	.21	4.00	0.26	367	80	4	8
26187	37.7	38.4	0.700	.01	2.20	0.04	63	38	3	5
26188	38.4	38.9	0.500	.04	2.30	0.07	113	91	7	2
26189	38.9	39.7	0.800	4.43	34.00	4.85	56	115	12	1
26190	39.7	41.2	1.500	.14	0.50	0.15	36	35	2	1
26191	41.2	43.0	1.800	.02	2.20	0.05	151	56	6	19
26192	43.0	44.5	1.500	.11	2.20	0.14	234	108	8	35
	44.5	46.9	2.400							
26193	46.9	48.4	1.500	.03	8.60	0.14	110	69	14	26
26194	48.4	49.9	1.500	.06	2.40	0.09	117	79	16	19
26195	49.9	51.0	1.100	.46	0.20	0.46	424	97	8	16
26196	51.0	52.5	1.500	.22	0.30	0.22	943	111	9	11
26197	52.5	54.0	1.500	.04	0.20	0.04	136	74	5	4
26198	54.0	55.5	1.500	.03	4.20	0.08	38	18	4	21
26199	55.5	57.2	1.700	.18	18.00	0.41	36	16	7	35
	57.2	62.5	5.300							
26200	62.5	63.1	0.600	.03	3.90	0.08	223	42	6	6
	63.1	68.8	5.700							
26201	68.8	70.1	1.300	.01	2.50	0.04	446	24	10	3
26202	70.1	71.6	1.500	.02	1.00	0.03	71	45	24	9
26203	71.6	73.1	1.500	.01	19.90	0.26	100	77	12	26
26204	73.1	74.6	1.500	.03	36.00	0.48	144	89	13	115
26205	74.6	76.1	1.500	.02	17.50	0.24	89	52	23	22
26206	76.1	77.6	1.500	.18	22.60	0.46	100	47	17	9
26207	77.6	79.1	1.500	.04	18.30	0.27	309	95	35	5
26208	79.1	80.2	1.100	.02	6.60	0.10	76	53	925	35
	80.2	90.7	10.500							
26209	90.7	91.6	0.900	.01	1.20	0.02	92	49	22	14
	91.6	92.6	1.000							
26210	92.6	94.4	1.800	.03	4.10	0.08	92	43	17	25
	94.4	96.01	1.610							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:43

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-23	3863.32	4278.49	1234.81	180	80	60.66			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	5.7	5.700							
26211	5.7	6.0	0.300	.03	2.20	0.06	228	130	14	20
	6.0	16.5	10.500							
26212	16.5	17.8	1.300	.03	1.50	0.05	113	91	13	3
	17.8	20.5	2.700							
26213	20.5	22.0	1.500	.02	1.70	0.04	63	77	9	4
26214	22.0	23.5	1.500	.03	2.30	0.06	70	72	12	9
	23.5	26.6	3.100							
26215	26.6	27.7	1.100	.19	2.20	0.22	183	112	15	5
26216	27.7	28.7	1.000	.11	2.10	0.14	268	132	14	2
26217	28.7	29.2	0.500	.9	12.20	1.05	714	323	12	15
26218	29.2	30.2	1.000	.03	2.50	0.06	81	156	13	10
26219	30.2	31.7	1.500	.38	2.20	0.41	186	982	12	2
26220	31.7	33.2	1.500	.2	1.60	0.22	198	171	10	23
26221	33.2	34.4	1.200	.11	2.10	0.14	128	168	58	1
26222	34.4	35.7	1.300	.03	3.90	0.08	210	125	18	27
26223	35.7	36.1	0.400	.37	8.00	0.47	590	210	20	145
26224	36.1	36.8	0.700	.38	4.20	0.43	190	101	23	50
26225	36.8	38.3	1.500	1.04	18.10	1.27	280	140	17	10
26226	38.3	39.9	1.600	4.2	29.90	4.57	150	59	15	2
26227	39.9	41.1	1.200	.99	25.90	1.31	1190	251	10	22
26228	41.1	42.4	1.300	.6	8.40	0.71	270	101	13	1
26229	42.4	43.9	1.500	.18	7.80	0.28	269	90	25	9
	43.9	46.3	2.400							
26230	46.3	46.9	0.600	.19	2.60	0.22	210	85	33	4
	46.9	60.66	13.760							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:44

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-24	3863.32	4278.49	1234.81	180	50	46.94			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	12.1	12.100							
26231	12.1	12.7	0.600	.06	2.20	0.09	105	62	20	2
	12.7	30.3	17.600							
26232	30.3	31.3	1.000	.04	1.90	0.06	65	89	19	1
	31.3	34.5	3.200							
26233	34.5	36.0	1.500	.18	5.70	0.25	257	390	23	71
26234	36.0	37.3	1.300	.63	9.60	0.75	335	106	23	53
26235	37.3	37.8	0.500	1.6	23.90	1.90	182	28	21	33
26236	37.8	38.7	0.900	.12	3.60	0.16	280	41	25	25
26237	38.7	39.8	1.100	.03	1.90	0.05	75	60	15	12
26238	39.8	41.1	1.300	.76	13.40	0.93	55	21	42	35
26239	41.1	42.0	0.900	1.03	14.00	1.20	110	15	20	85
26240	42.0	42.9	0.900	.12	4.10	0.17	140	27	45	25
26241	42.9	43.9	1.000	.09	2.40	0.12	219	63	12	18
26242	43.9	45.0	1.100	.01	1.20	0.02	165	67	17	10
26243	45.0	46.0	1.000	.02	2.30	0.05	170	70	14	4
26244	46.0	46.94	0.940	.01	2.20	0.04	80	84	27	2

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:45

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-25	3914.72	3905.84	1332.03	360	45	63.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	5.5	5.500							
26245	5.5	6.0	0.500	.03	2.10	0.06	130	165	29	1
26246	6.0	6.5	0.500	.27	8.40	0.38	440	391	57	3
26247	6.5	7.1	0.600	.05	2.50	0.08	102	108	25	1
	7.1	10.3	3.200							
26248	10.3	10.9	0.600	.12	2.00	0.14	92	96	22	5
26249	10.9	11.5	0.600	.19	3.70	0.24	127	26	10	16
26250	11.5	12.4	0.900	.04	0.50	0.05	162	95	17	40
26251	12.4	13.1	0.700	.05	0.20	0.05	89	111	25	50
26252	13.1	13.8	0.700	.01	0.30	0.01	85	100	21	80
26253	13.8	14.4	0.600	.03	0.20	0.03	90	43	34	550
26254	14.4	16.2	1.800	.1	0.30	0.10	82	87	24	9
26255	16.2	16.3	0.100	.09	0.60	0.10	97	172	20	15
	16.3	25.7	9.400							
26256	25.7	26.75	1.050	.03	2.70	0.06	68	113	31	2
26257	26.75	27.3	0.550	40.9	1890.00	64.53	9080	17600	227	5
26258	27.3	28.3	1.000	.37	12.70	0.53	510	220	11	1
26259	28.3	28.9	0.600	1.3	52.00	1.95	2360	4800	23	2
26260	28.9	29.45	0.550	.43	16.30	0.63	355	1350	14	5
26261	29.45	30.6	1.150	.28	10.00	0.41	185	1100	44	1
26262	30.6	31.7	1.100	.24	11.80	0.39	610	3100	21	4
26263	31.7	32.9	1.200	.13	5.70	0.20	147	645	17	2
26264	32.9	34.4	1.500	.21	24.10	0.51	720	1388	42	175
26265	34.4	35.4	1.000	.41	14.20	0.59	335	824	43	30
26266	35.4	36.4	1.000	1.03	26.00	1.35	950	1200	31	156
26267	36.4	37.4	1.000	.09	4.30	0.14	305	838	19	145
26268	37.4	38.5	1.100	.2	30.30	0.58	1190	2100	29	30
26269	38.5	39.7	1.200	.23	6.70	0.31	486	1325	21	130
26270	39.7	40.8	1.100	.19	4.00	0.24	210	130	42	110
26271	40.8	41.9	1.100	.03	6.20	0.11	227	367	24	15
26272	41.9	43.0	1.100	.45	15.50	0.64	286	795	82	2
26273	43.0	44.1	1.100	.3	10.30	0.43	200	384	85	25
26274	44.1	45.25	1.150	4.22	144.00	6.02	1080	5700	423	15
26275	45.25	46.6	1.350	.17	4.40	0.23	206	148	33	10
26276	46.6	48.0	1.400	.2	6.30	0.28	180	223	47	2
26277	48.0	49.1	1.100	.31	7.60	0.41	132	116	26	1
26278	49.1	50.2	1.100	.17	4.00	0.22	152	1163	103	1
26279	50.2	51.3	1.100	.02	1.70	0.04	102	26	13	2
26280	51.3	52.3	1.000	1.33	72.00	2.23	350	2183	142	10
	52.3	63.4	11.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:47

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-26	3914.72	3905.84	1332.03	360	60	66.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	23.4	23.400							
26281	23.4	24.4	1.000	.18	7.20	0.27	133	2050	33	3
26282	24.4	25.2	0.800	.17	20.00	0.42	493	2770	57	1
26283	25.2	25.7	0.500	5.35	199.00	7.84	1030	5050	77	7
26284	25.7	26.2	0.500	7.13	252.00	10.28	2640	4550	61	1
26285	26.2	27.1	0.900	.51	16.00	0.71	281	2500	17	5
26286	27.1	27.9	0.800	.05	3.70	0.10	49	365	15	34
26287	27.9	28.9	1.000	.29	15.20	0.48	530	2000	31	35
	28.9	36.7	7.800							
26288	36.7	37.7	1.000	.03	1.20	0.04	126	53	17	2
26289	37.7	39.0	1.300	.08	2.00	0.10	102	239	19	35
26290	39.0	39.9	0.900	.14	1.70	0.16	91	773	17	50
26291	39.9	40.7	0.800	.13	0.20	0.13	78	78	21	10
26292	40.7	41.5	0.800	.17	2.10	0.20	205	1755	25	75
26293	41.5	42.1	0.600	.15	0.30	0.15	23	47	16	2
26294	42.1	43.6	1.500	.1	2.20	0.13	77	342	25	7
26295	43.6	45.1	1.500	.17	4.60	0.23	146	782	14	10
26296	45.1	46.0	0.900	.19	2.30	0.22	126	707	43	30
26297	46.0	47.0	1.000	.21	5.20	0.27	257	531	52	17
26298	47.0	48.0	1.000	2.14	81.00	3.15	1210	1895	57	45
26299	48.0	49.0	1.000	.05	0.60	0.06	46	87	33	6
	49.0	66.4	17.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:48

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-27	3914.72	3905.84	1332.03	360	80	69.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~M~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	2.3	2.300							
26300	2.3	2.9	0.600	.1	1.80	0.12	142	152	52	2
26301	2.9	3.5	0.600	3.48	78.00	4.46	353	923	170	25
26302	3.5	4.6	1.100	.14	2.40	0.17	157	175	71	10
26303	4.6	5.6	1.000	.12	0.90	0.13	94	162	34	1
26304	5.6	6.6	1.000	.09	2.10	0.12	134	193	57	1
26305	6.6	7.1	0.500	.67	26.30	1.00	318	748	896	63
26306	7.1	7.9	0.800	2.34	81.00	3.35	1990	804	505	24
26307	7.9	8.8	0.900	.18	13.60	0.35	785	152	52	3
26308	8.8	9.7	0.900	.09	2.50	0.12	550	1885	48	1
26309	9.7	10.7	1.000	.12	1.70	0.14	101	143	42	12
26310	10.7	11.7	1.000	.08	0.80	0.09	40	97	27	2
26311	11.7	12.8	1.100	.07	0.50	0.08	23	89	20	1
26312	12.8	13.7	0.900	.14	0.40	0.15	84	72	31	2
26313	13.7	14.9	1.200	.16	0.60	0.17	77	113	38	2
	14.9	23.0	8.100							
26314	23.0	24.0	1.000	.12	2.40	0.15	152	405	48	3
26315	24.0	24.5	0.500	.08	6.70	0.16	725	4870	81	1
26316	24.5	25.0	0.500	1.52	28.50	1.88	565	4930	27	18
26317	25.0	26.1	1.100	.1	1.90	0.12	82	376	25	60
26318	26.1	27.2	1.100	.15	2.70	0.18	91	604	15	45
26319	27.2	28.2	1.000	.17	2.10	0.20	64	214	20	5
26320	28.2	29.5	1.300	.23	9.70	0.35	138	718	36	42
26321	29.5	30.8	1.300	.23	3.60	0.28	63	450	38	73
26322	30.8	32.1	1.300	.18	2.00	0.21	90	304	27	2
26323	32.1	33.1	1.000	2.57	124.00	4.12	164	852	54	1
26324	33.1	34.1	1.000	.02	0.40	0.02	60	80	23	3
	34.1	35.8	1.700							
26325	35.8	37.1	1.300	.02	1.80	0.04	92	990	45	2
26326	37.1	38.4	1.300	.03	0.30	0.03	51	31	19	1
26327	38.4	39.6	1.200	.01	0.30	0.01	70	89	13	1
	39.6	43.5	3.900							
26328	43.5	44.6	1.100	.04	0.20	0.04	91	33	38	2
26329	44.6	45.7	1.100	.02	0.40	0.02	73	36	26	1
	45.7	50.4	4.700							
26330	50.4	52.0	1.600	.03	1.00	0.04	68	156	28	3
	52.0	61.6	9.600							
26331	61.6	63.0	1.400	.02	2.30	0.05	209	68	22	2
26332	63.0	64.4	1.400	.07	3.40	0.11	128	257	50	26
26333	64.4	65.3	0.900	.01	0.30	0.01	106	110	13	1
26334	65.3	65.6	0.300	12.95	660.00	21.20	1540	4450	67	75
26335	65.6	66.6	1.000	.02	1.40	0.04	39	42	17	67
	66.6	69.8	3.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:50

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-28	3909.43	3905.19	1331.61	180	80	57.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	1.8	1.800							
26336	1.8	2.8	1.000	.17	2.50	0.20	150	133	55	20
26337	2.8	3.5	0.700	.24	9.90	0.36	189	448	101	23
26338	3.5	4.8	1.300	.2	5.20	0.27	214	377	154	1
26339	4.8	6.1	1.300	.2	2.00	0.23	62	102	35	2
26340	6.1	7.4	1.300	.19	1.90	0.21	121	149	45	14
26341	7.4	8.3	0.900	.36	14.80	0.55	246	102	57	60
26342	8.3	9.0	0.700	.08	1.80	0.10	70	79	36	2
	9.0	16.6	7.600							
26343	16.6	17.7	1.100	.83	2.00	0.85	92	111	61	25
26344	17.7	18.8	1.100	.02	1.80	0.04	118	96	42	32
	18.8	23.5	4.700							
26345	23.5	24.5	1.000	.06	3.80	0.11	138	362	113	1
26346	24.5	25.5	1.000	.07	1.10	0.08	94	104	22	1
26347	25.5	26.5	1.000	.09	5.10	0.15	290	183	78	2
26348	26.5	27.5	1.000	.04	6.20	0.12	236	2980	135	1
26349	27.5	28.3	0.800	.06	2.10	0.09	214	1270	27	1
26350	28.3	29.0	0.700	.05	1.30	0.07	108	760	13	14
26351	29.0	29.8	0.800	.36	9.50	0.48	346	3900	10	3
26352	29.8	30.8	1.000	.13	8.00	0.23	159	414	33	2
	30.8	34.1	3.300							
26353	34.1	35.6	1.500	.02	1.70	0.04	54	276	24	9
26354	35.6	37.1	1.500	.17	6.20	0.25	113	900	28	2
26355	37.1	38.6	1.500	.02	1.60	0.04	79	94	28	1
26356	38.6	40.6	2.000	.03	2.80	0.06	215	920	38	2
	40.6	45.4	4.800							
26357	45.4	46.9	1.500	.01	1.80	0.03	103	357	22	2
26358	46.9	48.3	1.400	.02	1.70	0.04	50	66	23	3
26359	48.3	49.5	1.200	.64	20.70	0.90	83	800	21	2
26360	49.5	50.8	1.300	.22	11.50	0.36	447	775	22	1
26361	50.8	52.1	1.300	.01	1.40	0.03	55	143	18	2
26362	52.1	53.3	1.200	.02	1.60	0.04	53	63	17	1
26363	53.3	54.2	0.900	.2	1.40	0.22	83	207	26	1
	54.2	57.6	3.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:51

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-29	3913.36	3877.63	1338.94	360	45	89.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	22.3	22.300							
26364	22.3	23.4	1.100	.04	5.50	0.11	342	278	47	1
26365	23.4	24.5	1.100	.01	3.80	0.06	315	423	50	2
26366	24.5	25.6	1.100	.19	8.50	0.30	1132	725	45	70
26367	25.6	26.5	0.900	.06	4.80	0.12	241	456	9	65
26368	26.5	27.2	0.700	2.54	128.40	4.14	7010	21000	304	21
26369	27.2	28.0	0.800	.58	23.20	0.87	1275	4350	26	1
26370	28.0	28.8	0.800	.18	16.20	0.38	2710	8000	61	2
26371	28.8	29.6	0.800	2.65	108.60	4.01	7630	12500	227	16
26372	29.6	30.7	1.100	.26	12.00	0.41	1335	4700	50	5
26373	30.7	31.9	1.200	.07	2.50	0.10	153	162	13	27
26374	31.9	33.1	1.200	.02	2.00	0.04	108	201	17	10
26375	33.1	34.3	1.200	.04	3.20	0.08	42	139	17	1
26376	34.3	35.5	1.200	.07	1.30	0.09	53	83	18	2
26377	35.5	36.8	1.300	.05	5.90	0.12	127	374	15	1
26378	36.8	37.6	0.800	3.83	111.30	5.22	2210	4400	32	5
26379	37.6	38.4	0.800	7.3	236.00	10.25	2920	7800	70	6
26380	38.4	39.1	0.700	.18	4.00	0.23	118	168	28	2
26381	39.1	40.0	0.900	.07	5.80	0.14	123	875	96	194
26382	40.0	41.0	1.000	.01	5.40	0.08	536	109	27	2400
26383	41.0	41.4	0.400	.73	26.00	1.06	1542	4250	46	110
26384	41.4	42.5	1.100	.02	2.30	0.05	204	101	24	148
26385	42.5	43.6	1.100	.06	13.40	0.23	7920	383	23	90
26386	43.6	44.95	1.350	.42	10.70	0.55	333	421	13	83
26387	44.95	45.4	0.450	1.36	51.70	2.01	2730	10000	23	42
26388	45.4	47.0	1.600	.19	8.20	0.29	623	281	30	80
26389	47.0	48.6	1.600	.04	3.20	0.08	124	113	68	15
26390	48.6	49.6	1.000	.8	27.40	1.14	277	362	47	36
26391	49.6	50.6	1.000	.64	24.30	0.94	553	1370	203	18
26392	50.6	51.6	1.000	.01	5.80	0.08	232	1410	47	9
26393	51.6	53.4	1.800	.01	2.80	0.04	147	640	71	1
26394	53.4	54.4	1.000	.01	2.00	0.04	104	84	64	6
26395	54.4	55.4	1.000	.02	6.10	0.10	96	600	57	2
26396	55.4	55.9	0.500	.38	16.50	0.59	50	1540	43	27
26397	55.9	57.2	1.300	.2	3.80	0.25	97	83	24	9
26398	57.2	58.2	1.000	.98	38.10	1.46	307	1950	675	2
	58.2	64.0	5.800							
26399	64.0	65.2	1.200	.17	3.50	0.21	89	338	173	15
26400	65.2	66.4	1.200	.06	2.10	0.09	96	162	32	15
	66.4	76.3	9.900							
26401	76.3	77.3	1.000	.04	2.00	0.06	78	52	34	25
26402	77.3	78.6	1.300	.03	0.70	0.04	28	68	27	3
26403	78.6	80.0	1.400	.02	0.20	0.02	17	24	13	1
26404	80.0	81.1	1.100	.01	1.10	0.02	36	275	9	2
26405	81.1	81.8	0.700	.12	1.50	0.14	44	45	17	6
	81.8	89.3	7.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:53

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-30	3913.36	3877.63	1338.94	360	60	60.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	10.7	10.700							
26406	10.7	12.0	1.300	.11	1.80	0.13	121	106	25	2
26407	12.0	13.3	1.300	.01	2.10	0.04	219	223	42	50
26408	13.3	14.6	1.300	.51	18.30	0.74	665	340	93	60
26409	14.6	15.7	1.100	.13	2.90	0.17	168	243	177	2
	15.7	19.7	4.000							
26410	19.7	21.0	1.300	.01	2.10	0.04	169	208	67	10
26411	21.0	21.7	0.700	.39	16.90	0.60	2230	13000	55	37
26412	21.7	22.4	0.700	.38	41.20	0.89	5710	19200	414	5
26413	22.4	23.4	1.000	.18	7.80	0.28	755	1840	8	2
26414	23.4	24.2	0.800	.2	20.10	0.45	3495	17500	46	1
26415	24.2	25.0	0.800	.59	54.30	1.27	6210	19500	123	6
26416	25.0	25.7	0.700	.32	16.10	0.52	1530	6950	21	33
26417	25.7	26.8	1.100	1.22	38.20	1.70	765	4220	29	18
26418	26.8	27.4	0.600	.92	68.70	1.78	9350	14700	33	24
26419	27.4	28.5	1.100	.11	3.10	0.15	427	1650	11	15
26420	28.5	29.6	1.100	.21	10.30	0.34	217	860	23	14
26421	29.6	30.7	1.100	.21	6.30	0.29	336	403	36	50
26422	30.7	31.8	1.100	.17	2.50	0.20	134	187	19	27
26423	31.8	32.35	0.550	11.16	439.00	16.65	3820	16500	710	14
26424	32.35	32.9	0.550	.8	68.10	1.65	16950	3800	347	10
26425	32.9	33.9	1.000	.24	7.30	0.33	256	770	239	20
26426	33.9	34.9	1.000	.02	5.10	0.08	166	338	267	20
	34.9	40.1	5.200							
26427	40.1	41.1	1.000	.01	1.60	0.03	63	60	24	15
26428	41.1	41.6	0.500	1.47	38.50	1.95	865	1530	34	125
26429	41.6	42.5	0.900	.01	2.00	0.04	77	56	23	19
26430	42.5	44.0	1.500	.02	1.80	0.04	137	1060	19	29
26431	44.0	45.7	1.700	.03	2.70	0.06	135	120	49	40
26432	45.7	47.2	1.500	.01	6.20	0.09	247	395	31	35
26433	47.2	47.9	0.700	.18	18.10	0.41	2400	3430	63	22
26434	47.9	49.5	1.600	.12	10.60	0.25	470	740	145	18
26435	49.5	51.1	1.600	4.13	211.50	6.77	575	3080	52	40
26436	51.1	51.8	0.700	.95	47.60	1.55	940	1880	1865	90
	51.8	60.6	8.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:55

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
89-31	3913.36	3877.63	1338.94	360	80	62.5			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	9.1	9.100							
26437	9.1	9.9	0.800	.03	4.70	0.09	366	133	51	215
	9.9	13.8	3.900							
26438	13.8	14.9	1.100	.21	7.40	0.30	172	182	53	24
26439	14.9	16.1	1.200	.26	5.30	0.33	186	107	63	32
	16.1	23.0	6.900							
26440	23.0	24.3	1.300	.01	2.70	0.04	128	144	37	10
26441	24.3	25.0	0.700	.29	18.20	0.52	3620	8250	38	40
26442	25.0	25.7	0.700	.43	21.10	0.69	2380	12900	117	62
26443	25.7	26.3	0.600	.52	65.30	1.34	775	4100	373	65
26444	26.3	26.9	0.600	9.78	282.00	13.30	4615	16000	223	12
26445	26.9	27.6	0.700	.6	24.60	0.91	850	2150	31	20
26446	27.6	28.8	1.200	.06	5.10	0.12	108	255	32	43
26447	28.8	30.0	1.200	.02	14.20	0.20	72	90	381	1450
26448	30.0	31.2	1.200	.01	2.30	0.04	157	353	27	5
	31.2	36.6	5.400							
26449	36.6	37.9	1.300	.23	12.60	0.39	145	1190	22	2
26450	37.9	39.3	1.400	.64	42.70	1.17	334	1600	41	25
26451	39.3	40.6	1.300	.04	2.00	0.06	107	650	35	10
26452	40.6	41.9	1.300	.01	2.60	0.04	232	1500	30	10
26453	41.9	42.2	0.300	.42	20.60	0.68	2015	15000	107	32
26454	42.2	43.7	1.500	.03	1.30	0.05	123	460	21	2
	43.7	61.2	17.500							
26455	61.2	62.2	1.000	.02	1.00	0.03	101	61	31	52
	62.2	62.5	0.300							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:56

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-1	3903.00	3905.60	1329.50	019	30	83.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	33.5	33.500							
	33.5	35.1	1.600	3.43	85.70	4.50				
	35.1	36.6	1.500	1.03	65.10	1.84				
	36.6	38.1	1.500	0	15.10	0.19				
	38.1	39.9	1.800	0	12.30	0.15				
	39.9	43.6	3.700							
	43.6	43.9	0.300	0.69	3.40	0.73				
	43.9	50.0	6.100							
	50.0	51.1	1.100	19.89	411.40	25.03				
	51.1	52.9	1.800	0	13.70	0.17				
	52.9	61.0	8.100							
	61.0	61.3	0.300	3.43	147.40	5.27				
	61.3	83.8	22.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:00

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-2	3910.30	3903.80	1331.30	163	70	49.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	26.8	26.800							
	26.8	28.3	1.500	18.51	171.40	20.65				
	28.3	30.2	1.900	0.17	2.70	0.20				
	30.2	49.4	19.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:03

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-3	3912.90	3963.50	1318.80	020	30	64.3			#HOLE

SampNo	From	To	Length	Au: ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	36.6	36.600							
	36.6	36.9	0.300	0.34	12.00	0.49				
	36.9	52.4	15.500							
	52.4	54.3	1.900	0	7.50	0.09				
	54.3	55.2	0.900	0	6.20	0.08				
	55.2	64.3	9.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:08

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-4	3906.30	3963.20	1317.90	156	70	183.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~#~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	22.3	22.300							
	22.3	23.5	1.200	25.71	651.40	33.85				
	23.5	24.1	0.600	0	3.40	0.04				
	24.1	69.5	45.400							
	69.5	71.0	1.500	15.43	360.00	19.93				
	71.0	71.3	0.300	8.91	116.60	10.37				
	71.3	97.8	26.500							
	97.8	98.5	0.700	4.46	65.10	5.27				
	98.5	99.5	1.000	0.69	37.70	1.16				
	99.5	183.6	84.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:08

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-5	3906.30	3963.20	1317.90	156	50	200.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	22.7	22.700							
	22.7	23.3	0.600	35.66	740.60	44.92				
	23.3	24.1	0.800	15.09	384.00	19.89				
	24.1	25.0	0.900	8.57	288.00	12.17				
	25.0	107.9	82.900							
	107.9	109.1	1.200	4.11	30.90	4.50				
	109.1	200.6	91.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:09

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-6	3906.30	3962.10	1317.90	180	44	146.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	23.2	23.200							
	23.2	24.7	1.500	6.17	257.10	9.38				
	24.7	25.0	0.300	0	.00					
	25.0	26.5	1.500	19.54		19.54				
	26.5	60.6	34.100							
	60.6	61.3	0.700	10.97	315.40	14.91				
	61.3	62.3	1.000	2.06	58.30	2.79				
	62.3	63.9	1.600	1.37	61.70	2.14				
	63.9	65.5	1.600	0.69	17.10	0.90				
	65.5	84.1	18.600							
	84.1	84.6	0.500	0.17	10.30	0.30				
	84.6	105.1	20.500							
	105.1	105.4	0.300	1.03	32.20	1.43				
	105.4	116.3	10.900							
	116.3	116.7	0.400	0.17	11.70	0.32				
	116.7	146.9	30.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:09

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-7	3911.5	3951.5	1320.6	0	18	53.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	34.4	34.400							
	34.4	35.7	1.300	6.51	356.60	10.97				
	35.7	36.9	1.200	2.74	106.30	4.07				
	36.9	37.3	0.400	5.49	178.30	7.72				
	37.3	39.2	1.900							
	39.2	40.4	1.200	7.54	353.10	11.95				
	40.4	53.6	13.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:10

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-8	3839.0	3742.2	1357.8	0	90	5			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au kg ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	5	5.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:10

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-9	3942.6	3759.1	1389.5	312	45	61.7			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	12.6	12.600							
	12.6	13.0	0.400	11.66	716.60	20.62				
	13.0	13.8	0.800	5.49	291.40	9.13				
	13.8	14.4	0.600	0.17	16.50	0.38				
	14.4	14.8	0.400	1.03	29.50	1.40				
	14.8	25.6	10.800							
	25.6	25.8	0.200	0.17	16.50	0.38				
	25.8	26.8	1.000							
	26.8	27.7	0.900	7.54	438.90	13.03				
	27.7	28.7	1.000							
	28.7	29.0	0.300	6.17	240.00	9.17				
	29.0	29.6	0.600							
	29.6	30.8	1.200	6.51	216.00	9.21				
	30.8	36.6	5.800							
	36.6	37.0	0.400	0.69	44.60	1.25				
	37.0	61.7	24.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:56

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-10	3860.3	4241.5	1236.5	176	51.5	60.7			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	23.0	23.000							
	23.0	23.8	0.800	0	5.50	0.07				
	23.8	24.7	0.900	1.37	16.50	1.58				
	24.7	25.8	1.100	0.69	21.90	0.96				
	25.8	26.7	0.900	2.40	33.60	2.82				
	26.7	60.7	34.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:57

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-11	3873.4	4238.8	1239.6	022	35	49.7			#HOLE

SampNo	From	To	Length	~~Num1~~ Au	~~Num2~~ Ag	~~W~~ AuEq	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	49.7	49.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:57

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-12	3757.0	4031.5	1252.4	155	45	107.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag Num2	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	107.6	107.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:57

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-13	3841.6	4355.8	1222.5	180	47.5	94.5			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	17.4	17.400							
	17.4	18.0	0.600	0.69	16.50	0.90				
	18.0	47.9	29.900							
	47.9	48.6	0.700	0	4.10	0.05				
	48.6	94.5	45.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:58

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
DDH-14	3855.1	4254.3	1237.4	163	45	88.8		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	34.4	34.400							
	34.4	35.4	1.000	19.89	469.70	25.76				
	35.4	36.7	1.300	2.74	41.10	3.25				
	36.7	88.8	52.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:58

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-15	3919.4	3955.9	1322.2	0	90	107			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	13.7	13.700							
	13.7	15.2	1.500	5.49	185.10	7.80				
	15.2	27.1	11.900							
	27.1	31.7	4.600	5.83	126.90	7.42				
	31.7	32.9	1.200							
	32.9	33.6	0.700	8.91	157.70	10.88				
	33.6	73.8	40.200							
	73.8	74.2	0.400	18.51	1021.70	31.28				
	74.2	107	32.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:58

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-16	3856.0	4254.0	1237.4	0	90	41.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	25.6	25.600							
	25.6	26.2	0.600	4.11	19.20	4.35				
	26.2	31.4	5.200							
	31.4	32.5	1.100	3.77	32.20	4.17				
	32.5	41.3	8.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:59

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-17	3880.7	4246.4	1243.8	163	75	55.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	17.7	17.700							
	17.7	19.0	1.300	0.69	19.90	0.94				
	19.0	19.6	0.600	2.74	44.60	3.30				
	19.6	34.1	14.500							
	34.1	34.8	0.700	0.68	336.00	4.88				
	34.8	36.2	1.400	8.23	99.40	9.47				
	36.2	36.8	0.600	11.0	274.30	14.43				
	36.8	37.7	0.900	0.34	5.50	0.41				
	37.7	38.8	1.100	0	14.40	0.18				
	38.8	55.3	16.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:58:59

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-18	3917.6	3956.5	1321.6	332	70.5	100.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	30.1	30.100							
	30.1	33.3	3.200							
	33.3	53.9	20.600							
	53.9	54.6	0.700	9.60	301.70	13.37				
	54.6	100.4	45.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:00

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-19	3881.6	4246.1	1243.8	343	75	68.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	18.8	18.800							
	18.8	19.9	1.100	0	2.70	0.03				
	19.9	31.8	11.900							
	31.8	32.1	0.300	0	4.10	0.05				
	32.1	68.3	36.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:00

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-20	3917.6	3956.5	1321.6	332	50	61.2			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	18.3	18.300							
	18.3	19.2	0.900	4.80	144.00	6.60				
	19.2	40.2	21.000							
	40.2	40.5	0.300	2.74	82.30	3.77				
	40.5	48.2	7.700							
	48.2	48.3	0.100	46.97	2026.30	72.30				
	48.3	61.2	12.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:01

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
DDH-21	3886.1	4104.9	1275.5	182	44	38.7		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	13.4	13.400							
	13.4	14.0	0.600	3.09	65.10	3.90				
	14.0	16.2	2.200							
	16.2	16.6	0.400	86.40	1306.30	102.73				
	16.6	27.7	11.100							
	27.7	28.3	0.600	2.06	54.90	2.75				
	28.3	38.7	10.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:01

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-22	3976.5	3924.7	1356.7	0	90	10			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	10	10.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:01

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-23	3886.1	4104.9	1275.5	182	72.5	59.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	18.0	18.000							
	18.0	18.9	0.900	3.09	44.60	3.65				
	18.9	20.0	1.100	0	2.70	0.03				
	20.0	21.2	1.200	6.51	116.60	7.97				
	21.2	59.4	38.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:01

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-24	3886.1	4104.9	1275.5	182	25	20.4			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	20.4	20.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:02

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-25	3912.4	4112.1	1286.9	181	60	79.2			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	36.3	36.300							
	36.3	37.0	0.700	0.34	6.90	0.43				
	37.0	39.0	2.000							
	39.0	39.8	0.800	0.34	4.10	0.39				
	39.8	46.3	6.500							
	46.3	47.5	1.200	0	2.70	0.03				
	47.5	49.4	1.900	0.34	19.20	0.58				
	49.4	50.3	0.900	17.83	195.40	20.27				
	50.3	50.9	0.600	6.17	96.00	7.37				
	50.9	52.3	1.400	0.17	17.10	0.38				
	52.3	53.6	1.300	0.68	44.60	1.24				
	53.6	79.2	25.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:02

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-26	3950.1	3869.4	1359.7	160	52	101			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	101	101.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:02

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-27	3913.4	4112.1	1286.9	0	90	55.5			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	19.8	19.800							
	19.8	21.0	1.200	~~0.1~~7	58.30	0.90				
	21.0	40.8	19.800							
	40.8	41.8	1.000	0	2.70	0.03				
	41.8	49.4	7.600							
	49.4	50.3	0.900	1.37	65.10	2.18				
	50.3	55.5	5.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:03

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-28	3950.1	3869.4	1359.7	0	90	50			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	50.0	50.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:03

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-29	3914.4	4112.1	1286.9	001	60.5	54.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	9.1	9.100							
	9.1	9.4	0.300	0.17	6.90	0.26				
	9.4	21.3	11.900							
	21.3	22.9	1.600	0	1.40	0.02				
	22.9	23.5	0.600	0	2.70	0.03				
	23.5	24.1	0.600	0	.00					
	24.1	25.3	1.200	0	.00					
	25.3	54.9	29.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:04

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-30	3950.1	3869.4	1359.7	160	71	74.1			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	40.2	40.200							
	40.2	41.1	0.900	5.83	188.60	8.19				
	41.1	48.2	7.100							
	48.2	48.9	0.700	15.09	373.70	19.76				
	48.9	49.6	0.700	0.69	65.10	1.50				
	49.6	67.4	17.800							
	67.4	68.3	0.900	0	17.10	0.21				
	68.3	68.4	0.100	0	3.40	0.04				
	68.4	74.1	5.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:04

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-31	3942.6	3759.1	1389.5	354	45	64.6			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	11.9	11.900							
	11.9	13.1	1.200	11.31	524.60	17.87				
	13.1	26.8	13.700							
	26.8	28.0	1.200	16.11	514.30	22.54				
	28.0	64.6	36.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:05

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-32	3950.1	3869.4	1359.7	226	51	97.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	47.9	47.900							
	47.9	48.8	0.900	5.14	161.10	7.15				
	48.8	97.8	49.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:05

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
DDH-33	3942.6	3759.1	1389.5	354	78	85.0		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	21.9	21.900							
	21.9	22.6	0.700	30.51	1467.40	48.85				
	22.6	39.3	16.700							
	39.3	39.6	0.300	18.51	696.00	27.21				
	39.6	54.3	14.700							
	54.3	54.6	0.300	6.86	336.00	11.06				
	54.6	61.6	7.000							
	61.6	62.9	1.300	3.09	137.10	4.80				
	62.9	85.0	22.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:05

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-34	3950.1	3869.4	1359.7	340	57	63.2			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	34.7	34.700							
	34.7	36.5	1.800	37.03	788.60	46.89				
	36.5	63.2	26.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:05

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-35	3941.6	3760.7	1389.1	026	44	76.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	23.7	23.700							
	23.7	25.2	1.500	1.37	54.90	2.06				
	25.2	26.2	1.000	10.97	336.00	15.17				
	26.2	34.4	8.200							
	34.4	35.5	1.100	0.34	13.70	0.51				
	35.5	45.1	9.600							
	45.1	47.2	2.100	0.69	17.10	0.90				
	47.2	49.1	1.900							
	49.1	49.4	0.300	1.37	54.90	2.06				
	49.4	61.3	11.900							
	61.3	62.2	0.900	33.60	1854.80	56.78				
	62.2	62.8	0.600	8.23	576.00	15.43				
	62.8	64.3	1.500	15.43	89.10	16.54				
	64.3	76.3	12.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:06

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-36	3907.7	3844.1	1345.0	335	31.5	90.2			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	13.1	13.100							
	13.1	13.7	0.600	4.80	157.70	6.77				
	13.7	14.7	1.000	0	41.10	0.51				
	14.7	15.2	0.500	0	13.70	0.17				
	15.2	15.9	0.700	0.17	30.90	0.56				
	15.9	16.7	0.800	0.17	44.60	0.73				
	16.7	17.2	0.500	0	10.30	0.13				
	17.2	17.8	0.600	0	6.90	0.09				
	17.8	18.8	1.000	0	20.60	0.26				
	18.8	19.9	1.100	0	13.70	0.17				
	19.9	21.3	1.400	0.17	17.10	0.38				
	21.3	23.3	2.000	0.69	34.30	1.12				
	23.3	24.8	1.500	0	3.40	0.04				
	24.8	26.2	1.400	1.03	82.30	2.06				
	26.2	27.7	1.500	0	13.70	0.17				
	27.7	60.0	32.300							
	60.0	60.4	0.400	134.74	2849.10	170.35				
	60.4	61.3	0.900							
	61.3	62.2	0.900	9.94	408.00	15.04				
	62.2	63.4	1.200							
	63.4	64.0	0.600	5.49	205.70	8.06				
	64.0	68.0	4.000							
	68.0	68.3	0.300	9.94	541.70	16.71				
	68.3	90.2	21.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:07

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
DDH-37	3824.2	3799.5	1325.5	322	30	136.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	72.5	72.500							
	72.5	73.0	0.500	3.77	116.60	5.23				
	73.0	78.9	5.900							
	78.9	79.6	0.700	0.69	58.30	1.42				
	79.6	95.4	15.800							
	95.4	95.8	0.400	2.74	113.10	4.15				
	95.8	136.9	41.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-1	3765.5	4400.6	1208.8	203	45	19.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	14.6	14.600							
	14.6	16.2	1.600	4.46	48.00	5.06				
	16.2	17.4	1.200	3.09	18.50	3.32				
	17.4	19.8	2.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:14

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-2	3772.5	4430.2	1202.1	188	45	28.4			#HOLE

SampNo	From	To	Length	~~Num1~~ Au	~~Num2~~ Ag	~~W~~ AuEq	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	28.4	28.400							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:17

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-3	3799.3	4199.0	1232.3	152	50	22.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	22.3	22.300							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:18

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-4	3896.6	4059.2	1287.1	167	45	10			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	10	10.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:18

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-5	3872.5	4055.6	1281.3	315	45	10			#HOLE

SampNo	From	To	Length	~~Num1~~	~~Num2~~	~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	10	10.000							

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-6	3877.4	4027.2	1289.9	127	45	10			#HOLE

SampNo	From	To	Length	~~Num1~~	Num2	~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	10	10.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:18

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-7	3793.9	4040.9	1253.3	180	55	6.4			#HOLE

SampNo	From	To	Length	~~Num1~~ Au	~~Num2~~ Ag	~~W~~ Au Eq	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	3.7	3.700							
	3.7	4.5	0.800	38.40	836.60	48.86				
	4.5	5.2	0.700	4.46	85.70	5.53				
	5.2	5.5	0.300	1.37	37.70	1.84				
	5.5	6.4	0.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:19

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-8	3797.8	4034.8	1256.9	120	60	12.2			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	9.1	9.100							
	9.1	9.8	0.700	1.71	41.10	2.22				
	9.8	10.6	0.800	14.74	312.00	18.64				
	10.6	12.2	1.600							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:19

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-9	3773.7	4019.0	1255.4	137	45	35.8			#HOLE

SampNo	From	To	Length	~~Num1~~ Au	~~Num2~~ Ag	~~N~~ AuEq	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	35.8	35.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-10	3794.3	4031.1	1257.3	114	60	12.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	12.8	12.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-11	3866.4	3989.0	1294.7	143	45	19.1			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	13.4	13.400							
	13.4	14.1	0.700	7.89	216.00	10.59				
	14.1	19.1	5.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-14	3840.8	3788.7	1335.3	335	50	46.0			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	46.0	46.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:11

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-15	3804.5	4351.5	1231.3	228	45	10			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	10	10.000							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:12

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
XR-16	3895.0	3940.4	1317.0	178	45	31.4		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~N~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	6.7	6.700							
	6.7	7.3	0.600	0.34	1.40	0.36				
	7.3	7.9	0.600	2.40	9.60	2.52				
	7.9	21.6	13.700							
	21.6	22.0	0.400	10.29	356.60	14.75				
	22.0	22.4	0.400	20.23	692.60	28.89				
	22.4	23.1	0.700	0.69	51.40	1.33				
	23.1	23.8	0.700	13.37	449.10	18.98				
	23.8	24.3	0.500	4.80	168.00	6.90				
	24.3	27.1	2.800							
	27.1	27.9	0.800	0.69	15.80	0.89				
	27.9	29.1	1.200	0.69	16.10	0.89				
	29.1	30.6	1.500	0	4.10	0.05				
	30.6	31.4	0.800							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:12

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-17	3885.3	3912.9	1319.1	157	49	34.7			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	7.0	7.000							
	7.0	7.6	0.600	10.97	545.10	17.78				
	7.6	8.2	0.600	5.14	257.10	8.35				
	8.2	16.2	8.000							
	16.2	21.6	5.400	0	.00					
	21.6	34.7	13.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:13

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks
XR-18	3882.5	3865.1	1330.1	211	45	17.1		

#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	4.6	4.600							
	4.6	5.0	0.400	0.17	6.90	0.26				
	5.0	5.5	0.500	0.17	33.60	0.59				
	5.5	6.6	1.100	1.03	34.30	1.46				
	6.6	7.0	0.400	0.17	3.40	0.21				
	7.0	7.5	0.500	16.50	538.30	23.23				
	7.5	7.9	0.400	5.14	188.60	7.50				
	7.9	8.4	0.500	0.34	3.40	0.38				
	8.4	9.1	0.700	.034	6.80	0.12				
	9.1	10.3	1.200	8.9	363.40	13.44				
	10.3	10.6	0.300	0.69	44.60	1.25				
	10.6	12.3	1.700	0.34	15.10	0.53				
	12.3	13.0	0.700	0.34	6.90	0.43				
	13.0	14.2	1.200	20.6	363.40	25.14				
	14.2	17.1	2.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:13

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-19	3890.2	3869.9	1332.2	209	60	26.5			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	6.1	6.100							
	6.1	6.6	0.500	4.11	202.30	6.64				
	6.6	8.0	1.400	13.37	315.40	17.31				
	8.0	8.3	0.300	0	.00					
	8.3	9.4	1.100	0.69	51.40	1.33				
	9.4	12.5	3.100	21.94	101.30	23.21				
	12.5	13.9	1.400	0.69	37.70	1.16				
	13.9	15.2	1.300	0.17	8.20	0.27				
	15.2	16.2	1.000	0	1.40	0.02				
	16.2	16.7	0.500	0	.00					
	16.7	17.3	0.600	0	2.70	0.03				
	17.3	18.0	0.700	0.17	11.70	0.32				
	18.0	26.5	8.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:14

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-20	3898.7	3844.9	1342.9	202	23	13.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au kg ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	13.9	13.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:14

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Ref     North   East    RL      Azim    Dip     Length  Category              Remarks
XR-21   3902.2  3845.6  1342.9  0       90      10                                                  #HOLE
                                Au      Ag      AuEq
SampNo  From    To      Length  Num1    Num2    W       Cu-ppm  Zn-ppm  Pb-ppm  Mo-ppm

        0       10      10.000
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LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:14

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-22	3905.7	3847.4	1344.4	022	45	37.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	37.9	37.900							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:15

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-23	3909.7	3827.9	1351.4	205	40	21.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	11.1	11.100							
	11.1	11.6	0.500	13.7	613.70	21.37				
	11.6	12.6	1.000	1.37	144.00	3.17				
	12.6	13.1	0.500	40.8	1632.00	61.20				
	13.1	14.0	0.900	3.43	205.70	6.00				
	14.0	15.4	1.400	0.69	25.40	1.01				
	15.4	21.9	6.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:15

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-24	3911.5	3828.6	1351.7	205	82	18.6			#HOLE

SampNo	From	To	Length	~~Num1~~ Au	~~Num2~~ Ag	~~W~~ AuEq	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	8.5	8.500							
	8.5	9.2	0.700	1.37	325.70	5.44				
	9.2	9.9	0.700	8.23	504.00	14.53				
	9.9	10.6	0.700	8.91	349.70	13.28				
	10.6	11.2	0.600	0.69	61.70	1.46				
	11.2	13.7	2.500							
	13.7	14.1	0.400	0.34	28.10	0.69				
	14.1	18.6	4.500							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:15

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-25	3913.6	3811.1	1359.1	203	50	36.6			#HOLE

SampNo	From	To	Length	~~Num1~~ Au	~~Num2~~ Ag	~~W~~ Au Eq	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	17.7	17.700							
	17.7	18.6	0.900	1.37	288.00	4.97				
	18.6	20.5	1.900	0	10.30	0.13				
	20.5	36.6	16.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:16

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-26	3914.6	3812.0	1359.1	203	85	28.3			HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	14.6	14.600							
	14.6	15.8	1.200	0.17	13.70	0.34				
	15.8	16.6	0.800	0	4.80	0.06				
	16.6	28.3	11.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:16

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-27	3927.8	3789.8	1374.1	197	43.5	44.8			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	27.4	27.400							
	27.4	27.6	0.200	1.03	44.60	1.59				
	27.6	44.8	17.200							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:16

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-28	3915.2	3723.3	1392.0	337	34	43.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	Au Eq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	28.9	28.900							
	28.9	29.9	1.000	2.74	195.40	5.18				
	29.9	30.8	0.900	1.37	92.60	2.53				
	30.8	31.6	0.800	3.77	236.60	6.73				
	31.6	32.6	1.000	0.69	17.10	0.90				
	32.6	33.2	0.600	42.5	1152.00	56.90				
	33.2	34.1	0.900	1.03	20.60	1.29				
	34.1	35.1	1.000	0	6.90	0.09				
	35.1	37.5	2.400							
	37.5	37.6	0.100	27.09	1813.70	49.76				
	37.6	43.3	5.700							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:17

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-29	3915.2	3723.3	1392.0	0	90	43.3			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	23.2	23.200							
	23.2	24.4	1.200	0.17	27.40	0.51				
	24.4	25.9	1.500	0.69	61.70	1.46				
	25.9	26.2	0.300	3.43	174.90	5.62				
	26.2	43.3	17.100							

LINDQUIST LAKE PROPERTY
TECK CORPORATION - 09 Mar 1990 14:59:17

Ref	North	East	RL	Azim	Dip	Length	Category	Remarks	
XR-30	3919.7	3904.7	1335.6	349	30	43.9			#HOLE

SampNo	From	To	Length	Au ~~Num1~~	Ag ~~Num2~~	AuEq ~~W~~	Cu-ppm	Zn-ppm	Pb-ppm	Mo-ppm
	0	25.6	25.600							
	25.6	27.1	1.500	6.17	113.10	7.58				
	27.1	28.7	1.600	0	6.90	0.09				
	28.7	30.0	1.300	0	3.40	0.04				
	30.0	30.9	0.900	0	6.80	0.09				
	30.9	32.3	1.400	10.29	240.00	13.29				
	32.3	33.2	0.900	0	17.10	0.21				
	33.2	37.5	4.300							
	37.5	38.3	0.800	8.57	229.70	11.44				
	38.3	41.1	2.800							
	41.1	41.4	0.300	17.8	449.10	23.41				
	41.4	43.9	2.500							

APPENDIX 3

3

METALLURGICAL STUDY - COASTECH RESEARCH INC.

2.0 METHODS AND PROCEDURES

Two samples were received as coarse ore of approximately 12 cm topsize. Both samples were sequentially jaw crushed and cone crushed to less than 8 mesh. The sample was then riffle split into 2 kg lots for the purpose of assaying and metallurgical testing. The two samples were designated as sample 1 and sample 2 by Mr. Sibbald, no further references to the samples is available. Head assays for the 2 composite samples are available in Table 1, shown below. Certificates of assay are contained in Appendix 1.

TABLE 1
Head Assays

		Sample 1	Sample 2
Gold	(g/t)	5.87	3.86
Silver	(g/t)	155.67	211.22
Copper	(%)	0.1	0.1
Lead	(%)	<0.1	0.43
Zinc	(%)	0.41	0.58
Iron	(%)	1.86	1.81
Sulphur	(%)	1.54	1.89
Arsenic	(%)	<0.01	<0.01
Antimony	(%)	<0.01	<0.01
Tungsten	(%)	<0.001	0.002
Tellurium	(%)	0.034	0.031
Mercury	(%)	<0.001	<0.001
Acid sol. Copper	(%)	<0.01	<0.01

Three gravity recovery tests were completed as well as four flotation tests to determine the metallurgical characteristics of the ore. Table 2 summarizes the procedures and purposes of the test work completed.

TABLE 2
Test Procedures and Objectives

Test No.	Sample	Procedure	Test Objective
2127-100	2	Grind/Flotation	Au/Ag rec. to concentrates
2127-101	1	Grind/Flotation	Au/Ag rec. to concentrates
2127-102	1	Grind/Flotation	Au/Ag rec. to concentrates
2127-103	2	Grind/Flotation	Au/Ag rec. to concentrates
2127-001	1	Grind/Gravity	Metallic Au/Ag rec.
2127-002	2	Grind/Gravity	Metallic Au/Ag rec.
2127-003	2	Grind/Gravity	Metallic Au/Ag rec.

Preparation of feed for metallurgical testing was done using an 8" rod mill, employing a 2 kg ore sample. Grinding time was used as a means of controlling the degree of comminution. Flotation testing was conducted in a 5 litre Denver bench scale flotation machine. Gravity testwork was done using a 16"x40" shaking table for test 2127-002 and a 3.5 inch diameter Knelson Concentrator for tests 2127-001 and 2127-003.

Samples were oven dried and prepared for assay using standard metallurgical sample handling procedures. All assaying was conducted by Coastech Analytical Services Laboratory, with the exception of several head assay elements which were sent to Chemex Laboratories of North Vancouver.

3.0 RESULTS AND DISCUSSION

Precious metal recovery to a gravity concentrate was low although the grades of the concentrates produced were very good. Table 3 shown below includes the recovery and grades of the final gravity concentrates.

TABLE 3
Gravity Recovery and Concentrate Grades

Test	Sample	Grind	Recovery		Concentrate Grade	
		% -200 mesh	Au %	Ag %	Au g/t	Ag g/t
2127-001	1	30.3	6.4	26.6	829	95879
2127-002	2	42.0	4.7	3.4	228	9360
2127-003	2	42.0	1.9	2.3	165	11288

Sample 1 is more amenable to gravity concentration than sample 2, with gold and silver recoveries of 6.4 and 26.6 percent respectively. Feed size for the tests was relatively coarse but the very low recovery excludes the use of gravity concentration as a primary means of precious metal recovery.

The flotation recovery of precious metals was shown to be grind sensitive. Good recoveries to flotation products was achieved with a grind of approximately 85 percent minus 200 mesh (74 um). Table 4 summarizes the flotation test results. Detailed test data is included in Appendix 2.

Table 4
Flotation Test Result Summary

Test No.	Grind % - 200 mesh(74 um)	Recovery Au %	Ag %	Pb %	Cu %	Zn %
2127-100						
Overall	61.5	80.0	84.5	96.1	92.0	96.3
Cu Conc.		22.2	15.6	7.5	62.6	7.6
Pb Prods.		51.8	62.9	85.0	22.8	38.1
Zn Prods		6.0	6.0	3.5	6.6	36.8
2127-101	43.0					
Overall		86.5	81.7	38.0	NA	95.9
Cu/Pb Conc.		84.8	80.0	35.1	NA	94.6
Zn Prods.		1.7	1.7	2.9	NA	1.3
2127-102						
Overall	82.5	92.1	92.5	91.2	95.9	99.0
Cu/Pb Prods.		91.4	92.3	28.2	86.0	93.4
Zn Prods.		0.6	0.2	63.0	9.9	5.6
2127-103						
Overall	93.0	95.4	95.1	96.5	95.5	96.9
Cu/Pb Prods.		90.3	93.0	95.2	93.4	29.9
Zn Prods.		5.1	2.1	1.3	2.2	67.0

Gold and silver recovery to a copper/lead concentrate was over 90 percent for tests 102 and 103. The precious metals are associated with the lead minerals, rather than the zinc minerals, as shown by the high precious metal recoveries to the lead concentrate in test 2127-100. The zinc minerals are relatively barren of precious metals as shown by the high zinc recovery and low precious metal recovery in the zinc products of test 2127-103. It is probable that precious metal recovery will not be affected by the use of zinc depressants and that very good selective flotation can be carried out using the ore to produce relatively high grade copper/lead concentrate and a zinc concentrate.

Fractional analysis of the tailings from test 2127-102 and 2127-103 shown below in Table 5, confirms that the precious metal recovery in flotation is dependent on particle size, notably in the + 53 fractions.

TABLE 5
Tailings Fractional Analysis

Screen size (um)	wt %	Assay Au g/t	Distribution Au %
Test 2127-102 Tailings			
+74 um	17.8	1.28	22.8
53 x 74 um	27.8	1.18	32.8
45 x 53 um	13.9	0.90	12.5
- 45 um	40.5	0.79	32.0
Calculated assay		1.00	
Tailings assay		1.09	
Test 2127-103 Tailings			
+ 74 um	7.5	0.77	14.3
53 x 74 um	12.6	0.45	14.1
45 x 53 um	17.0	0.33	13.9
- 45 um	62.9	0.37	57.4
Calculated assay		0.40	
Tailings assay		0.28	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results presented herein it is concluded that:

i) The ore tested is not amenable to precious metal recovery by gravity concentration techniques.

ii) Overall gold and silver recovery in excess of 90 percent can be achieved by the use of selective flotation. Precious metals are associated with copper and lead minerals.

iii) The precious metal recovery is grind sensitive and grind of greater than 85 percent minus 74 microns is recommended for this ore.

Based on the conclusions presented above it is recommended that:

i) Further flotation testing be completed to indicate the precious metal recovery to final or smelter saleable concentrates and to optimize flotation conditions.

ii) Flowsheet development include locked cycle testing.

iii) Final concentrates be analyzed for smelter diluents.

APPENDIX 4

WATER QUALITY STUDY

GOLDEN KNIGHT RESOURCES Inc.

LINQUIST LAKE PROJECT
PREPRODUCTION
WATER QUALITY STUDY

Compiled by:
Calvin Price
Environmental Coordinator
Teck Corporation
November 1989

GOLDEN KNIGHT RESOURCES Inc.
LINQUIST LAKE PROJECT

PREPRODUCTION
WATER QUALITY STUDY

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I. INTRODUCTION

In the summer of 1989 Golden Knight performed an exploration program at the site of the old Deer Horn Mine at Linquist Lake in the west-central area of British Columbia. Linquist Lake is located approximately 160 km south of Smithers B.C. and about 5 km north of the northwest corner of Tweedsmuir Provincial Park.

Linquist Lake is situated at an elevation of 884 meters with steep terrain rising to over 2000 meters. The exploration camp at the Deer Horn Mine is located at an elevation of about 1200 meters.

All drainage from the exploration area is towards Linquist Lake. The flow from Linquist Lake is north into Kenny Lake, then into Whitesail Lake and Ootsa Lake, which form part of the Nechako reservoir.

On September 9, 1989 a water quality sampling program was conducted at the Golden Knight project by Teck environmental personnel. This report describes the sampling locations, parameters analyzed and the results.

II. SAMPLING SITES

Water quality samples were taken at six locations. Four of the sampling sites were creeks which flow into Linquist Lake; three on the north side of Linquist Lake and one site on the south side of Linquist Lake. There are other creeks on the north side of Linquist Lake but they were all dry at the time the samples were collected. The two other sites were the outlet of Linquist Lake which flows into Kenny Lake and the drainage from the old Deer Horn Mine adit. Figure 1 illustrates the location of the six sampling sites. The names used for the sites were all generated for this study as the sites are not named on B.C. topographical maps.

Linquist Lake Surface Water Quality Sites

Site Number: 1

Site Description: Island Creek

Site Location: At the north shore of Linquist Lake approximately 500 meters east of the peninsula and two islands.

Site Number: 2

Site Description: Linquist Lake Outlet

Site Location: At the outlet of Linquist Lake approximately 50 meters downstream from the lake.

Site Number: 3

Site Description: South Creek

Site Location: On the south shore of Linquist Lake approximately 1000 meters south of Linquist Lake outlet.

Site Number: 4

Site Description: West Fork

Site Location: West fork of a creek which drains the Linquist Peak area immediately upstream of where the creek joins with the East Fork. Sampled at this upstream location rather than at the shore of Linquist Lake as the creek disappears in alluvium beds below the sampling site.

Linquist Lake Surface Water Quality Sites cont...

Site Number:	5
Site Description:	East Fork
Site Location:	East fork of a creek which drains the Linquist Peak area immediately upstream of where the creek joins with the West Fork. Sampled at this upstream location rather than at the shore of Linquist Lake as the creek disappears in alluvium beds below the sampling site.

Site Number:	6
Site Description:	Deer Horn Mine Adit Seep
Site Location:	Drainage from mouth of Deer Horn Mine Adit

III. SAMPLE HANDLING AND ANALYSIS

Access to the sample sites was by helicopter. All samples were collected as grab samples. Field parameters were performed in situ. The dissolved metal sample was prepared by field filtering using a 0.45 micron filter. The samples were preserved at the site as required for the specific parameters and transported to Smithers for overnight shipment to Vancouver for analysis. All analysis for water chemistry was performed by Analytical Service Laboratories (ASL). The analytical methodology, detection limits and quality assurance programs employed by ASL are outlined in Appendix 1.

The parameters measured and their detection levels are:

PARAMETER	UNITS	DETECTION LEVEL
pH	(units)	
Conductivity	umhos	
Turbidity	JTU	1
Suspended Solids	(mg/l)	1
Total Hardness ($CaCO_3$)	(mg/l)	0.01
Alkalinity	(mg/l)	1
Sulphate (SO_4)	(mg/l)	0.5
Chloride (Cl)	(mg/l)	0.5
Fluoride	(mg/l)	0.02
Ortho-Phosphorous	(mg/l)	0.001
Diss. Phosphorous	(mg/l)	0.001
Total Phosphorous	(mg/l)	0.001
Nitrate (NO_3)	(mg/l)	0.005
Nitrite (NO_2)	(mg/l)	0.001
Ammonia (NH_3)	(mg/l)	0.02
Kjeldahl Nitrogen	(mg/l)	0.01
Tot. Cyanide (CN)	(mg/l)	0.005

TOTAL METALS

PARAMETER	UNITS	DETECTION LEVEL
Aluminum	(mg/l)	0.2
Antimony	(mg/l)	0.2
Arsenic	(mg/l)	0.0001
Barium	(mg/l)	0.01
Beryllium	(mg/l)	0.005
Bismuth	(mg/l)	0.1
Boron	(mg/l)	0.1
Cadmium	(mg/l)	0.01
Calcium	(mg/l)	0.05
Chromium	(mg/l)	0.015
Cobalt	(mg/l)	0.015
Copper	(mg/l)	0.001
Iron	(mg/l)	0.03
Lead	(mg/l)	0.05
Magnesium	(mg/l)	0.01
Manganese	(mg/l)	0.005
Mercury	(mg/l)	0.05
Tungsten	(mg/l)	0.001
Molybdenum	(mg/l)	0.3
Nickel	(mg/l)	0.025
Selenium	(mg/l)	0.2
Silicon	(mg/l)	0.05
Silver	(mg/l)	0.015
Strontium	(mg/l)	0.001
Vanadium	(mg/l)	0.05
Zinc	(mg/l)	0.005

DISSOLVED METALS

PARAMETER	UNITS	DETECTION LEVEL
Aluminum	(mg/l)	0.2
Antimony	(mg/l)	0.2
Arsenic	(mg/l)	0.0001
Barium	(mg/l)	0.01
Beryllium	(mg/l)	0.005
Bismuth	(mg/l)	0.1
Boron	(mg/l)	0.1
Cadmium	(mg/l)	0.01
Calcium	(mg/l)	0.05
Chromium	(mg/l)	0.015
Cobalt	(mg/l)	0.015
Copper	(mg/l)	0.001
Iron	(mg/l)	0.03
Lead	(mg/l)	0.05
Magnesium	(mg/l)	0.01
Manganese	(mg/l)	0.005
Mercury	(mg/l)	0.05
Molybdenum	(mg/l)	0.001
Nickel	(mg/l)	0.025
Selenium	(mg/l)	0.2
Silicon	(mg/l)	0.05
Silver	(mg/l)	0.015
Strontium	(mg/l)	0.001
Vanadium	(mg/l)	0.05
Zinc	(mg/l)	0.005

FIELD PARAMETERS

Temperature	deg C	-
Conductance	umhos	-
Dissolved Oxygen	(mg/l)	0.5

IV. FLOW MEASUREMENTS

Flow measurements were not taken but gross estimates were made to illustrate the order of magnitude of the water flows. The estimated flows at the sampling sites are as follows:

1. Island Creek	8-10 l/sec
2. Linquist Lake Outlet	> 100 l/sec
3. South Creek	5-7 l/sec
4. West Fork	20-30 l/sec
5. East Fork	20-30 l/sec
6. Deer Horn Mine Adit Seep	1-2 l/sec

V. RESULTS

The analytical results from the sampling program are tabulated in Table 1 and Table 2. The values measured at all six sites were very low. The creek sites had between 48 and 52 of the 71 parameters measured below the parameter detection level. The adit seep had 33 of the 71 parameters below the parameter detection level.

Some of the metal parameters were higher in the adit seep than at the surface sites (See Figure 2). These metals were generally below the detection level at the surface sites.

The zinc concentration at the adit seep was the highest relative to the surface sites. The dissolved zinc concentration in all the surface sites was below the detection level of 0.005 mg/l while a value of 0.31 mg/l was measured in the adit seep. This compares with the lower Provincial Mining Objective for dissolved zinc of 0.2 mg/l. Zinc was the only parameter measured which exceeded a mining industry Provincial Objective.

It is noteworthy that the zinc value and some extent the iron and arsenic values were higher in the adit sample than in the creek sampling sites, particularly the West Fork site. There was no evidence of water from the adit seep increasing the values in the creek sample sites.

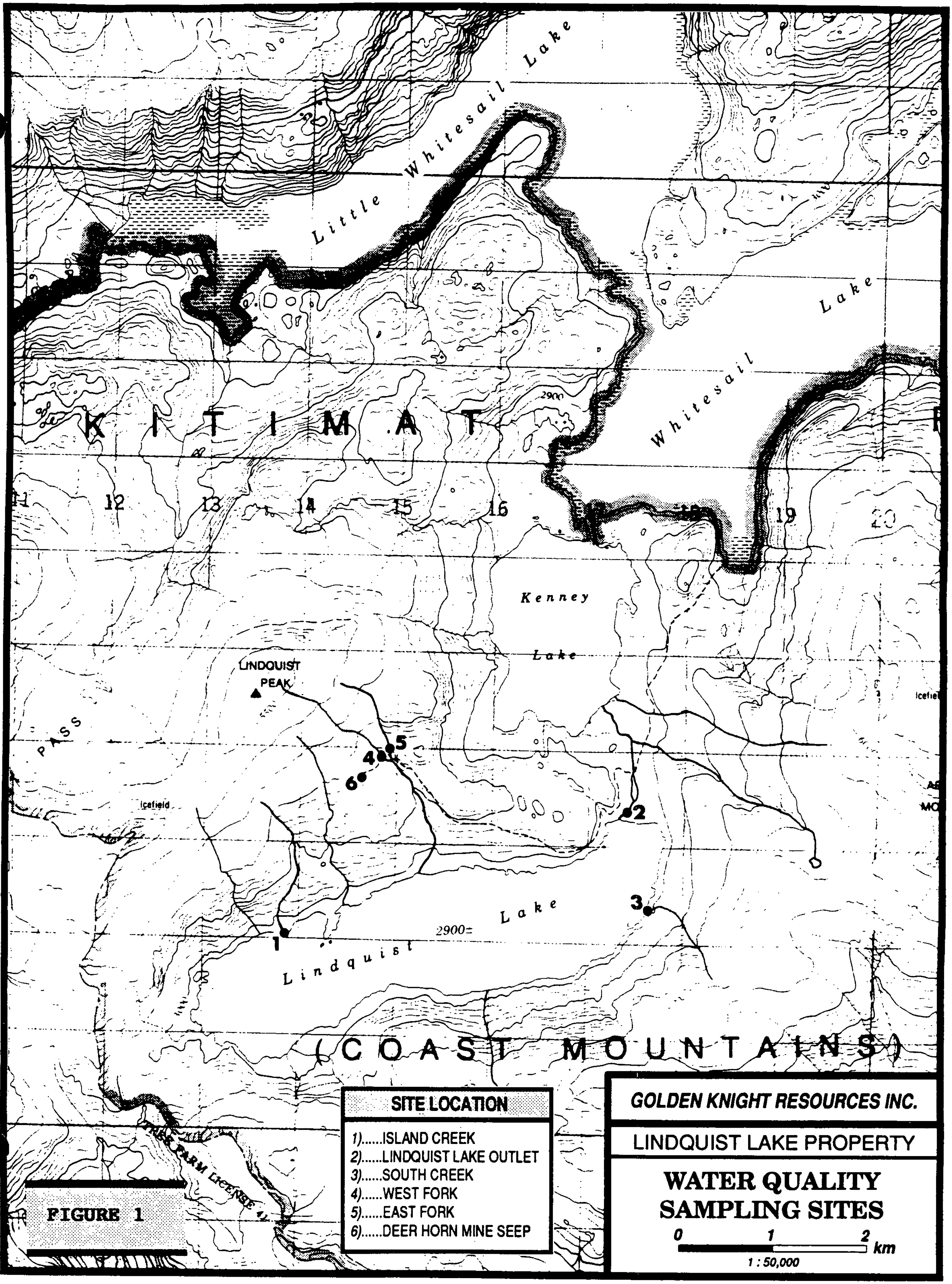

FIGURE 1

GOLDEN KNIGHT RESOURCES INC.

LINDQUIST LAKE PROPERTY

WATER QUALITY SAMPLING SITES

SITE LOCATION

1)......ISLAND CREEK
2)......LINDQUIST LAKE OUTLET
3)......SOUTH CREEK
4)......WEST FORK
5)......EAST FORK
6)......DEER HORN MINE SEEP

GOLDEN KNIGHT RESOURCES Inc.
SELECTED TOTAL METAL CONCENTRATIONS

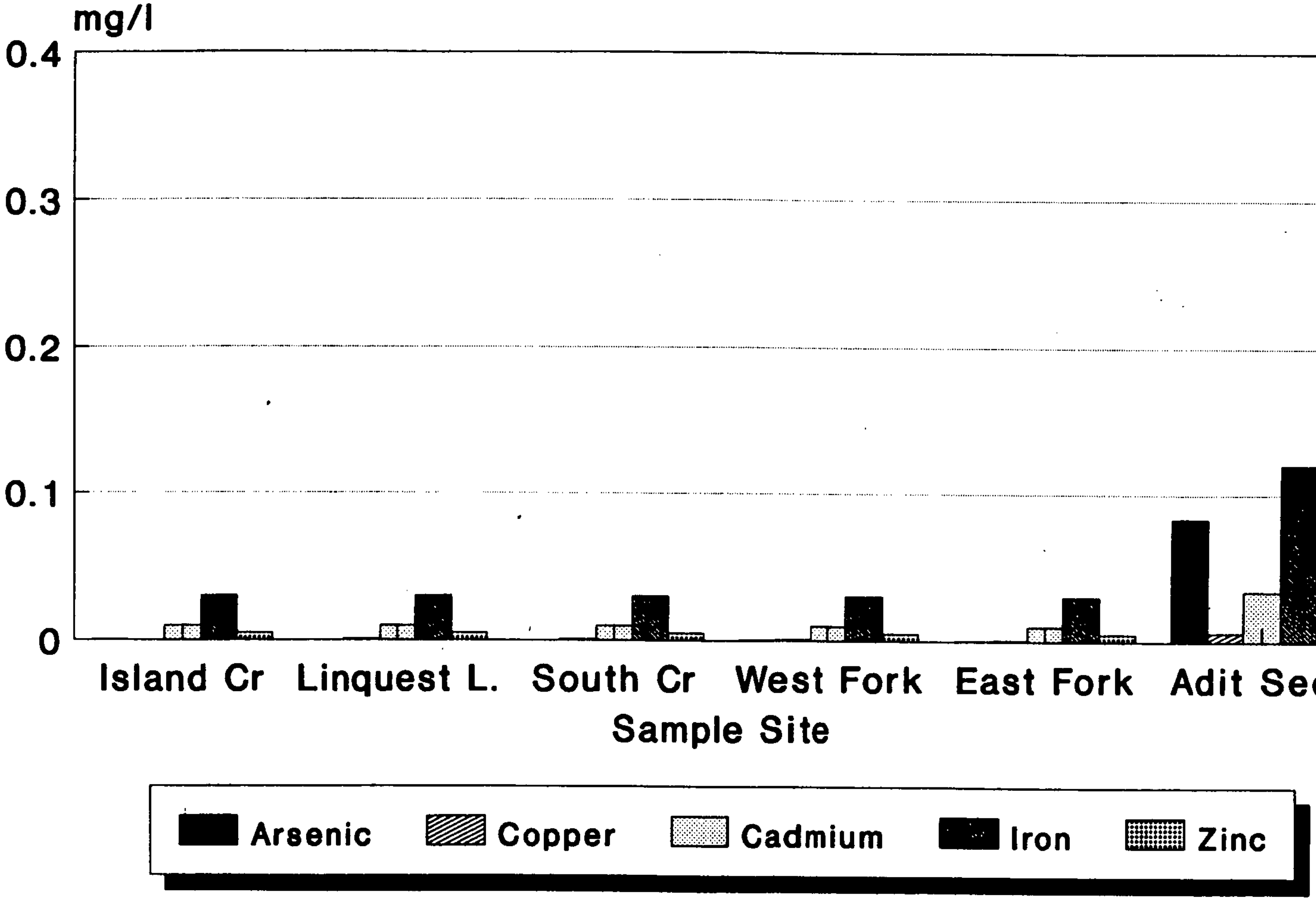

Figure 2

GOLDEN KNIGHT - DEERHORN EXPLORATION PROJECT
WATER QUALITY SAMPLING RESULTS

September 9, 1989

PARAMETER		DETECTION LEVEL	ISLAND CREEK 1	LINDQUIST LAKE OUTLET 2	SOUTH CREEK 3	WEST FORK 4	EAST FORK 5	DEER HORN MINE ADIT SEEP 6
pH	(units)		7.32	6.61	7.59	652	6.43	7.26
Conductivity	umhos		86	17.8	117	10.9	6.8	146
Turbidity	JTU	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Suspended Solids	(mg/L)	1	<1.0	<1.0	<1.0	<1.0	<1.0	2.7
Total Hardness (CACO3)	(mg/L)	0.01	37.7	7.11	55.3	4.7	3.14	69.1
Alkalinity	(mg/L)	1	25.8	8.3	36.2	1	1	39.3
Sulphate (SO4)	(mg/L)	0.5	11.5	1	20.9	<1.0	<1.0	38.7
Chloride (Cl)	(mg/L)	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoride	(mg/L)	0.02	0.05	0.02	0.12	0.11	<0.02	0.39
Ortho-Phosphorous	(mg/L)	0.001	<0.001	<0.001	<0.001	0.002	<0.001	0.009
Diss. Phosphorous	(mg/L)	0.001	<0.001	<0.001	<0.001	0.002	<0.001	0.009
Total Phosphorous	(mg/L)	0.001	<0.001	<0.001	0.003	0.002	<0.001	0.01
Nitrate (N03)	(mg/L)	0.005	0.005	0.025	0.005	0.01	0.005	0.005
Nitrite (N02)	(mg/L)	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ammonia (NH3)	(mg/L)	0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Kjeldahl Nitrogen	(mg/L)	0.01	0.16	0.2	0.23	0.11	0.16	0.12
Tot. Cyanide (CN)	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 1

TOTAL METALS		DETECTION LEVEL	ISLAND CREEK 1	LINDQUIST LAKE OUTLET 2	SOUTH CREEK 3	WEST FORK 4	EAST FORK 5	DEER HORN MINE ADIT SEEP 6
Aluminum	(mg/L)	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Antimony	(mg/L)	0.2	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.004
Arsenic	(mg/L)	0.0001	0.0006	<0.0001	<0.0001	0.0003	0.0003	0.083
Barium	(mg/L)	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bismuth	(mg/L)	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	(mg/L)	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	(mg/L)	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	0.034
Calcium	(mg/L)	0.05	13.8	2.34	21.8	1.45	0.89	25.5
Chromium	(mg/L)	0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Cobalt	(mg/L)	0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Copper	(mg/L)	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.006
Iron	(mg/L)	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.12
Lead	(mg/L)	0.05	<0.001	<0.001	<0.001	<0.001	<0.001	0.003
Magnesium	(mg/L)	0.01	0.59	0.11	0.58	0.065	0.043	1.03
Manganese	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009
Mercury	(mg/L)	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tungsten	(mg/L)	0.001	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Molybdenum	(mg/L)	0.3	<0.030	<0.030	<0.030	<0.030	<0.030	0.042
Nickel	(mg/L)	0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Selenium	(mg/L)	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Silicon	(mg/L)	0.05	2.36	0.67	3.74	0.44	0.25	4.16
Silver	(mg/L)	0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Strontium	(mg/L)	0.001	0.41	0.009	0.053	0.008	0.005	0.059
Vanadium	(mg/L)	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Zinc	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.38

TABLE 2

DISSOLVED METALS		DETECTION LEVEL	ISLAND CREEK 1	LINDQUIST LAKE OUTLET 2	SOUTH CREEK 3	WEST FORK 4	EAST FORK 5	DEER HORN MINE ADIT SEEP 6
Aluminum	(mg/L)	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Antimony	(mg/L)	0.2	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0031
Arsenic	(mg/L)	0.0001	<0.0001	<0.0001	<0.0001	0.0001	0.0001	0.072
Barium	(mg/L)	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bismuth	(mg/L)	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	(mg/L)	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	(mg/L)	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	0.03
Calcium	(mg/L)	0.05	13.4	2.34	21	1.45	0.89	25.5
Chromium	(mg/L)	0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Cobalt	(mg/L)	0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Copper	(mg/L)	0.001	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Iron	(mg/L)	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Lead	(mg/L)	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Magnesium	(mg/L)	0.01	0.59	0.11	0.58	0.065	0.043	1.03
Manganese	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008
Mercury	(mg/L)	0.05	-	-	-	-	-	-
Molybdenum	(mg/L)	0.001	<0.030	<0.030	<0.030	<0.030	<0.030	0.034
Nickel	(mg/L)	0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Selenium	(mg/L)	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Silicon	(mg/L)	0.05	2.36	0.67	3.41	0.38	0.2	3.81
Silver	(mg/L)	0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Strontium	(mg/L)	0.001	0.041	0.009	0.053	0.008	0.005	0.059
Vanadium	(mg/L)	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Zinc	(mg/L)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.31

TABLE 3

FIELD PARAMETERS		DETECTION LEVEL	ISLAND CREEK 1	LINDQUIST LAKE OUTLET 2	SOUTH CREEK 3	WEST FORK 4	EAST FORK 5	DEER HORN MINE ADIT SEEP 6
Temperature	deg C	-	12	15	7	10	8	5
Conductance	umhos	-	675	20	110	15	8	150
Dissolved Oxygen	(mg/L)	0.5	12	9	12.5	10	11.5	11.5

CJP/law:20/11/89

TABLE 4

APPENDIX 5

ACID DRAINAGE ANALYSIS

RESULTS FROM ACID DRAINAGE ANALYSIS FOR GOLDEN KNIGHT - DEERHORN MINE, JOB #1374

The results of the acid drainage analysis for the Deerhorn Mine are attached in tabular and graphical form.

All of the analysis for potential acid generation was performed by the Afton laboratory using the EPA static testing method. In this method the acid producing potential is calculated from the total sulphur analysis (using a Leco sulphur analyzer) and converted to $CaCO_3$ equivalent tonnes/1000 tonnes. The neutralization potential is obtained by adding a know amount of HCl and back titrating with standardized NaOH. The calculation is to $CaCO_3$ equivalent tonnes/1000 tonnes. The net neutralization potential (NNP) is calculated by subtracting the acid potential from the neutralization potential. A negative NNP indicates the sample has the potential of generating acid drainage.

Although 11 of the 15 samples from the Deerhorn Mine had a negative NNP indicating the potential for acid drainage, it is impossible to attach any significance to these results until the samples are related to the mine plan. Some of the samples are from ore zones and would not necessarily be a problem even if they have the potential to generate acid. These samples do indicate, however, that a comprehensive acid mine drainage sampling program would be required before any development decision is made on this property.

Calvin Price

ACID MINE DRAINAGE SAMPLES
GOLDEN KNIGHT - DEERHORN MINE

NO.	SAMPLE LOCATION	PASTE pH	SULPHUR	ACID POTENTIAL	NEUTRALIZATION POTENTIAL	NET NEUTRALIZATION POTENTIAL
			%	Tonnes CaCO3/1000 Tonnes		
A.G.-1	Footwall of "Main" Vein	8.76	0.213	6.7	6.6	-0.1
2	Middle of "Main" Vein	7.00	1.28	40.0	5.0	-35.0
3	QTZ Stringers and Intrusive	8.92	0.223	7.0	15.2	8.2
4	High Grade Vein	6.55	4.97	155.3	6.3	-149.0
5	QTZ Stringers and Intrusive	8.65	0.945	29.5	4.5	-25.0
6	QTZ Stringers and Intrusive	9.01	0.208	6.5	12.2	5.7
7	QTZ Vein and will rock contact	8.52	0.599	18.7	5.5	-13.2
8	QTZ Stringers and Quartzite	9.26	0.586	18.3	11.2	-7.1
9	"Contact" Vein	7.74	1.90	59.4	22.4	-37.0
10	QTZ Stringers and Quartzite	8.15	0.141	4.4	15.7	11.3
11	QTZ Stringers and Footwall Sediments	8.09	0.666	20.8	16.1	-4.7
12	Footwall sediments, Minor Skarn	8.54	1.73	54.0	14.8	-39.2
13	High Grade Vein	7.76	1.67	52.2	14.6	-37.6
14	Footwall Quartzite	8.91	0.478	14.9	13.7	-1.2
15	Intrusive, no quartz 15m form portal	8.46	0.175	5.5	8.9	3.4

ACID MINE DRAINAGE SAMPLES
GOLDEN KNIGHT – DEERHORN MINE