GEOPHYSICAL GEOCHEMICAL AND DIAMOND DRILLING

ASSESSMENT REPORT ON THE EAGLEHEAD PROPERTY

EAGLE 1-79, 81, 83, 85, 87, 89-104, 105 Fr. - 111 Fr.,

112-139, 140 Fr., 200 Fr.; EAGLE 1, EAGLE 2, FOX 1-9

MINERAL CLAIMS

LIARD MINING DIVISION

N.T.S. 104I/6E AND 104I/11E

LATITUDE 58° 30' NORTH

LONGITUDE 129° 10' WEST

FOR

NUSPAR RESOURCES LTD.

305 - 535 Thurlow Street
Vancouver, B.C. V6E 3L2

(Operator)

IN JOINT VENTURE WITH

ESSO RESOURCES CANADA LTD.

600 - 1281 West Georgia Street
Vancouver, B.C. V6E 3J7

BY

C.K. IKONA, P. ENG.

T.C. SCOTT, GEOLOGIST

PAMICON DEVELOPMENTS LTD.

208 - 850 West Hastings Street
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Part 1 of 2

FEBRUARY 12,1982

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1.0 INTRODUCTION

1.1 General Geography and Physiographic Position

The Eaglehead property is located in the Liard Mining Division, approximately 48 km. east of Dease Lake in northern B.C. (See Figure 1.) Its geographic coordinates are latitude 58° 30' N; longitude 129° 10' W. The N.T.S. reference for this area is 104I/6E and 11E. Access to the property is by fixed wing float plane to the southeast side of Eaglehead Lake, thence by helicopter or foot trail for 9 km. to the east.

The claims occupy a northwesterly trending, drift filled valley flanked by northwest-southwest trending ridges. (See Figure 2.) The ridges, with elevations reaching over 1800 metres (6,000 feet), are typically scalloped by cirques on the northeast sides and gently sloping and rounded on the southern sides. The valley floor, approximately 1400 to 1500 metres (4,500 to 5,000 feet), is extensively drift covered in which kames, kettles and eskers are prominent features.

The vegetation is predominantly "bunch grass" and "buck brush" in the valleys with a fringe of scrub alpine spruce and balsam on the lower slopes of the ridges. The upper slopes are covered with bunch grass and numerous talus fans.

Bedrock outcroppings in the valley are restricted to the creek beds. The rounded south-facing slopes display few outcrops although talus fans suggest sub-outcroppings are present. Outcroppings of bedrock increase along ridge crests and the more rugged northeast-facing slopes.

1.2 Property Definition

Copper mineralization was located in granitic float near Eaglehead Lake by Kennco field personnel in 1963. From 1963 to 1965 Kennco conducted geochemical, geophysical and geological surveys. A program comprising four short diamond drill holes followed the initial work.

LEGEND

○ Copper

△ Copper, Molybdenum

NUSPAR RESOURCES LTD.

EAGLEHEAD PROJECT

JOINT VENTURE WITH ESSO RESOURCES

LOCATION OF EAGLE CLAIMS AND NEARBY COPPER-MOLY PROSPECTS

Miles 100 50 0 100 200 Miles

Prepared by Burton Consulting Inc.
Alex Burton, P. Eng.
5-924 West Hastings Street Vancouver, B.C.

ALTAIR drafting services ltd.

Property Definition (continued)

The claims were allowed to lapse and were restaked by Spartan Explorations in 1970. Spartan subsequently optioned the property to Imperial Oil Limited in August 1971.

Imperial continued the geological, geochemical and geophysical work during the period 1971 to 1976. By 1976, Imperial had drilled an additional thirty diamond drill holes, bringing the total on the property to thirty-four.

During this period, Spartan Explorations was reorganized as Nuspar Resources Ltd. In 1979, Nuspar assumed operatorship of the property which had sat idle since 1976. Work resumed on the property for the 1979 and 1980 field seasons. It included geochemical and geophysical surveys as well as diamond drilling, and followed recommendations of Alex Burton, P. Eng. of Vancouver and C.K. Ikona, P. Eng. of Vancouver in respective years. Pamicon Developments Ltd. of Vancouver was contracted to manage the field work.

On the basis of the results of the 1979 and 1980 work, further geochemical, geophysical and diamond drilling programs were recommended by Pamicon Developments and G.H. Rayner, P. Eng. of Vancouver for the 1981 field season. Field management of these 1981 programs was carried out by Pamicon under the supervision of the authors. This report describes the work done, the results and interpretation of those results.

The Eagle Claims, numbering 144 2-post claims and 3 "MGS" claims, totaling 39 units and the 9 Fox Claims, totaling 98 units, are owned by Esso Resources Canada Ltd. under a joint venture agreement with Nuspar Resources Ltd. Nuspar served as Operator during the 1981 field season.

It should be noted that following the filing of the Statements of Exploration and Development to which this report relates, all of the

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Property Definition (continued)

2-post claims and four of the adjacent MGS claims were abandoned and restaked under Section 28 of the Mineral Act. The claims listed in Table 1a are those which pertain to this report. The claims listed in Table 1b are those which are presently included in the mineral claim holdings of the Eaglehead Property.

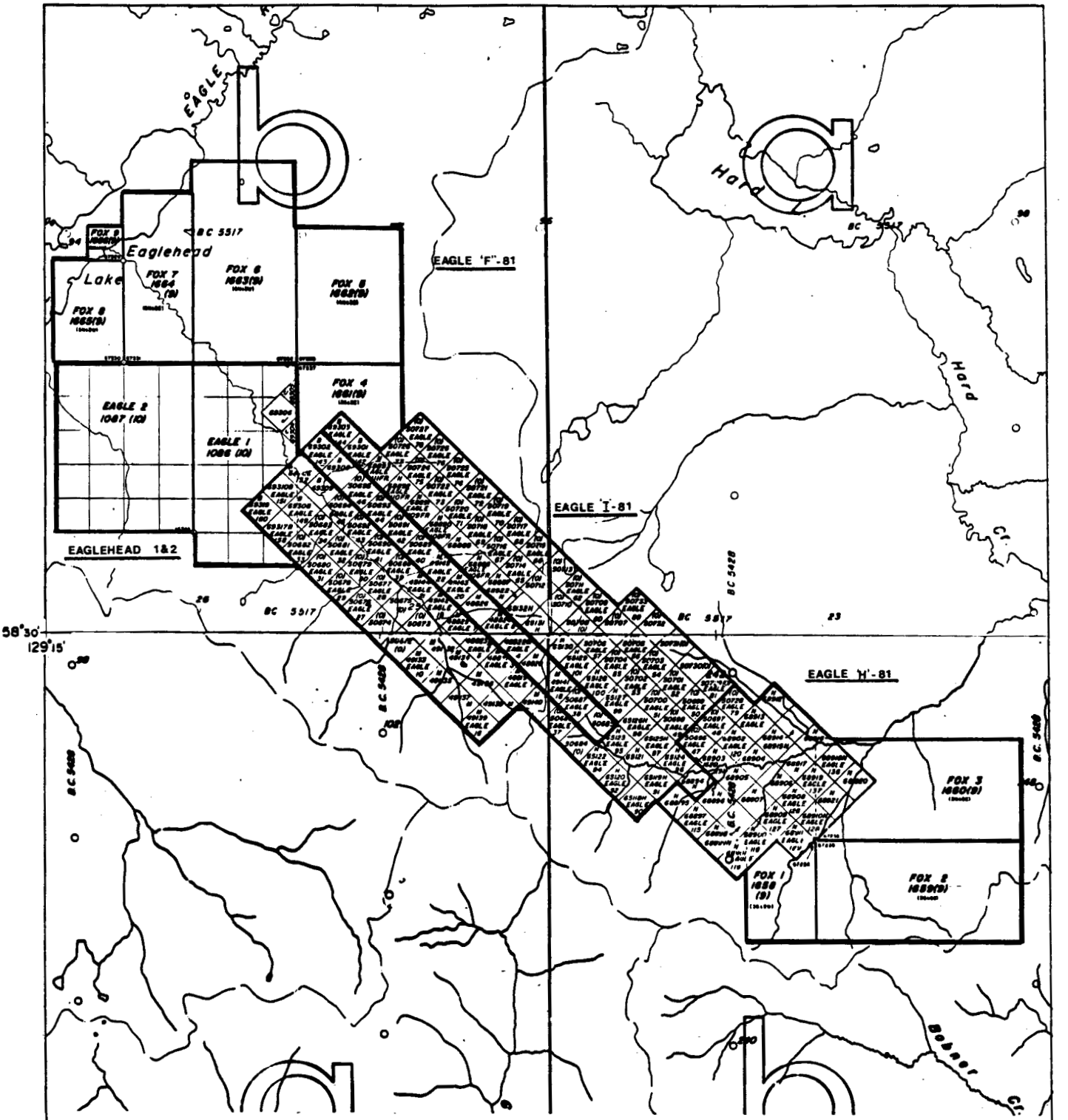
Geological investigations to date have indicated that this prospect is of the "porphyry copper" type of deposit. Mineralization, mainly pyrite, chalcopyrite, bornite and minor molybdenite, appears to be associated with an altered biotite quartz diorite phase of a large, differentiated Jurassic stock. Previous work had indicated the presence of three main zones of mineralization known as the Camp, Pass and Bornite Zones. Previous investigations were concerned mainly with the continuity of mineralization within and between these zones.

Current investigations have included the testing by diamond drilling of these and other previously defined targets as well as the continuation of preliminary geochemical and geophysical surveys over untested ground.

1.3 Summary of Work Done

Work on the Eaglehead Property commenced on May 28, 1981 and continued through to November 7, 1981. Prior to the mobilization of the diamond drill on June 10th, the camp was rebuilt. Throughout the summer soil geochemical surveys were conducted on previously untested portions of the property. A total of 813 samples were collected and analyzed for Cu, Mo, Ag and/or Pb, Zn and Au.

Two geophysical surveys were conducted on the property. One, a horizontal loop E.M. survey, was conducted over the western portion of the property and over the drill indicated centres of mineralization. This was carried out by a crew supplied by Esso Resources. The



NUSPAR RESOURCES LTD.

EAGLEHEAD PROPERTY

Eagle and Fox Claims

Map Ref: 104I/6E, 11E

PAMICON DEVELOPMENTS LTD. JAN 1981 Fig. 2

TABLE 1a

LIST OF EAGLEHEAD CLAIMS

(PRE-OCTOBER 26, 1981)

Claim Name	Record No.	Date of Record
Eagle 1 - 8	48819 - 48826	September 5
Eagle 9 - 22	49132 - 49145	September 30
Eagle 23 - 28	50672 - 50677	March 3
Eagle 29 - 46	50678 - 50695	March 3
Eagle 47	50696	March 3
Eagle 48 - 55	50697 - 50704	March 3
Eagle 56	50705	March 3
Eagle 57	50706	March 3
Eagle 58	50707	March 3
Eagle 59	50708	March 3
Eagle 60	50709	March 3
Eagle 61	50710	March 3
Eagle 62	50711	March 3
Eagle 63	50712	March 3
Eagle 64	50713	March 3
Eagle 65	50714	March 3
Eagle 66 - 68	50715 - 50717	March 3
Eagle 69 - 78	50718 - 50727	March 3
Eagle 79	50728	March 3
Eagle 81	50729	March 3
Eagle 83	50730	March 3
Eagle 85	50731	March 3
Eagle 87	50732	March 3
Eagle 89	50733	March 3
Eagle 90	65118	July 26
Eagle 91 - 104	65119 - 65132	July 26
Eagle 105 Fr.	68887	October 6
Eagle 106 - 109 Fr.	68888 - 68891	October 6
Eagle 110 - 111 Fr.	68892 - 68893	October 6
Eagle 112 - 139	68894 - 68921	October 6
Eagle 140 Fr.	68922	October 6
Eagle 141 - 144	69300 - 69303	February 6
Eagle 149 - 152	69308 - 69311	February 6
Eagle 158	69317	February 6
Eagle 160	69319	February 6
Eagle 1 - Eagle 2	1086, 1087	October 22
Fox 1 - 9	1658 - 1666	September 25

Note: This list indicates the claim status during the period of work for which this report relates.

TABLE 1b

LIST OF EAGLEHEAD CLAIMS
(CURRENT HOLDINGS)

Claim Name	No. Units	Record No.	Date of Record
Eagle 1	18	79824 (*)	October 22, 1981
Eagle 2	20	1087	October 22, 1979
Eagle 3	18	79813 (*)	October 22, 1981
Eagle 4	16	79814 (*)	October 22, 1981
Eagle 5	18	79815 (*)	October 22, 1981
Eagle 6	5	79816 (*)	October 22, 1981
Eagle 7	18	79817 (*)	October 22, 1981
Eagle 8	18	79818 (*)	October 22, 9181
Eagle 9	8	79819 (*)	October 22, 1981
Fox 1	6	79826 (*)	October 22, 1981
Fox 2	18	1659	September 25, 1980
Fox 3	18	79827 (*)	October 22, 1981
Fox 4	9	79825 (*)	October 22, 1981
Fox 5	12	1662	September 25, 1980
Fox 6	18	1663	September 25, 1980
Fox 7	10	1664	September 25, 1980
Fox 8	6	1665	September 25, 1980
Fox 9	1	1666	September 25, 1980
Fox 10	18	79823 (*)	October 22, 1981
Fox 11	9	79822 (*)	October 22, 1981
Fox 12	9	79821 (*)	October 22, 1981
Fox 13	18	79820 (*)	October 22, 1981

(*) These are Claim Tag Numbers, as the Record Numbers for these claims have not yet been received.

Note: This is the current list of claims on the Eaglehead property following abandonment and restaking under Section 28 of the Mineral Act.

Summary of Work Done (continued)

other, an Induced Polarization survey, was carried out by P. Neilsen of Neilsen Geophysics. The survey was designed to give a better definition of I.P. responses in areas previously tested as well as to test new target areas.

The diamond drilling program, carried out between June 10 and October 4, 1981, was comprised of eleven NQ/BQ holes with a total length of 3,670 metres. The core was logged by T.C. Scott, David Caulfield and Randy Beaton. A total of 643 drill core samples, each representing 1 to 4 metres of core, were submitted to be assayed for Cu, Mo, Ag, Au.

Other work on the Eaglehead Property included:

i) a survey of drill hole and LCP locations by R. Allen, BCLS
ii) construction of four core racks with a total capacity of approximately 13,000 metres
iii) a preliminary environmental study conducted by Dr. Rye Jones of International Environmental Consultants Ltd.
iv) the sowing of an alpine seed mix at drill sites and around the camp
v) the cutting of 24.7 km. of grid line for the I.P. survey
vi) construction of a ribbon grid for soil geochemical survey totaling 80 km.

Camp mobilization commenced on May 26th with a Bell 205 helicopter bringing supplies from Dease Lake. Construction of eight tent frames and one metal roofed "Dry" proceeded. Drill mobilization commenced on June 10th, again from Dease Lake using a Bell 205 helicopter, with drilling starting on June 13th. A Bell 47G3B1 was retained at camp on contract for the summer to provide local transportation. Service flights for parts and supplies from Watson Lake to Eaglehead Lake were by Otter. Subsequent fuel hauls were from Dease Lake using an Otter. Because of the weight of the drill equipment, either a Hughes 500D or Astar helicopter was used on a casual basis from

Summary of Work Done (continued)

Kutcho Airstrip, Dease Lake, Eddontenajon or Watson Lake for the drill moves. The field work continued throughout the summer with geochemical and geophysical surveys being completed by September 5th. The diamond drilling was completed on October 4th and the camp was closed on November 7th after drill core logging and sampling had been completed. As the drill and camp equipment were stored on site at the end of the program, an Otter, a Bell 206, and an Astar were used for demobilization.

The drill core was labelled and stored on the property at the location indicated in Figure 15.

Caron Diamond Drilling of Whitehorse contracted the diamond drilling for the 1981 season. A Longyear 38 drill was used recovering NQ and BQ core. The Arctic Diamond Drilling drill left on site in October 1980 was transported to the Kutcho Creek Deposit during the summer.

1.4 Claims Worked On

The claims upon which the work was actually done are listed in Table 2 (Page 8).

TABLE 2

CLAIMS WORKED ON - 1981

Work	Amount	Claims	Record Nos.	Date of Record
Soil Geochemistry	80 km. 813 samples	Eagle 29, 32, 43	50678, 50681, 50692	March 3
	[10.2 samples per km.]	Eagle 1, 2	1086, 1087	October 22
		Fox 1 - 8	1658 - 1665	September 25
Geophysics: I.P. (includes line cutting)	13.9 km.	Eagle 47, 49	50696, 50698	March 3
		Eagle 91, 96, 97	65119, 65124, 65125	July 26
		Eagle 112 - 115	68894 - 68897	October 6
		Eagle 120, 121, 123	68902, 68903, 68905	October 6
		Fox 1 - 3	1625 - 1627	September 25
E.M.	30.25 km.	Eagle 1, 2	48819, 48820	September 5
		Eagle 15, 16, 18	49138, 49139, 49141	September 30
		Eagle 35, 37, 38	50684, 50686, 50687	March 3
		Eagle 29, 30, 41, 43	50678, 50679, 50690, 50692	March 3
		Eagle 1, 2	1086, 1087	October 22
		Fox 5 - 8	1662 - 1665	September 25
Diamond Drilling:				
D.D.H. 49	286.2 m.	Eagle 112	68894	October 6
D.D.H. 50	429.6 m.	Eagle 120, 121	68902, 68903	October 6
D.D.H. 51	431.9 m.	Eagle 112	68894	October 6
D.D.H. 52	282.2 m.	Eagle 112	68894	October 6
D.D.H. 53	263.5 m.	Eagle 37	50686	March 3
		Eagle 99	65127	July 26
D.D.H. 54	414.5 m.	Eagle 120, 121	68902, 68903	October 6
D.D.H. 55	402.3 m.	Eagle 124	68906	October 6
D.D.H. 56	245.7 m.	Eagle 7, 8	48825, 48826	September 5
D.D.H. 57	277.4 m.	Eagle 5, 6	48823, 48824	September 5
D.D.H. 58	295.7 m.	Eagle 120	68902	October 6

2.0 DETAILED TECHNICAL DATA AND INTERPRETATION

2.1 Purpose of Geophysical Work, Results and Interpretation

As a follow up of the 1980 Airborne Geophysical Survey on the Eaglehead Property, a ground E.M. follow-up was proposed and carried out during 1981. The area of particular interest lies generally within the boundaries of Eagle 1, 2 (MGS). For correlation with geology, four lines over Eagle 1, 2, 15, 16, 17, 35, 37, 38 were also surveyed. The enclosed report, Appendix IV, details the results of this survey.

An Induced Polarization Survey was also carried out on the property. The main area surveyed was over the Bornite Zone where fill in lines were surveyed 400 feet apart (previously 800 feet) and on a new grid at an orientation 45° more northerly than previously on lines 200 m. apart. This was designed to give better definition of anomalous trends which reflect the sulphide mineralization intersected in drill holes. An additional two lines were surveyed in the region of Fox 2 and 3 where anomalous soil geochemical results were obtained.

A total of 24.7 km. of grid line was cut to facilitate the I.P. Survey. However, because of time constraints, not all of the lines were surveyed. The enclosed report, Appendix V, details the results of this survey.

2.2 Purpose of Geochemical Work and Method

In order to assess the mineral potential of the previously untested ground within the boundaries of the Eaglehead Property, a soil geochemical survey was carried out over the Eagle 1, 2 and Fox 4 - 8 claims and over the Fox 1 - 3 claims. These are known as the West Grid and East Grid respectively. (See Figure 3.) Samples were collected by crews using matlock picks to dig below the organic and root layer into mineral soil. In most cases the soil collected was an immature B horizon at a depth of 20 to 40 cm. Where felsenmeer or talus was encountered the only sample possible consisted of mainly organic material or occasionally talus fines. In a few places where muskegs or sidehill swamps were found, samples also

Purpose of Geochemical Work, Results and Interpretation (continued)

contained a high proportion of organic material.

The high wet-strength kraft bags were marked according to grid location based on a ribbon grid constructed at the time of sampling. Sample spacing was 100 m. with a sample density of 10.2 samples per km. These samples were air dried at camp, sorted and packed in boxes for shipping to Chemex Labs of North Vancouver. Duplicate records were kept of lines completed and shipped. Assay and geochemical procedures are contained in Appendix I.

2.2.1 Results and Interpretation of Soil Geochemical Survey

The results of the 1981 sampling are shown at a scale of 1:5,000 on Figures 4 to 8 for the East Grid and Figures 9 to 14 for the West Grid.

The data for the East and West Grids were statistically analyzed using graphic lognormal curves based on Lepeltier (1969)[1]. This analysis resulted in the following classification of the results:

EAST GRID

	Cu	Mo	Ag	Au
Background	32 ppm	2.5 ppm	0.13 ppm	
Poss. Anomalous	60 ppm	4.5 ppm	0.33 ppm	20 ppm (estimated)
Anomalous	173 ppm	7.5 ppm	0.8 ppm	

WEST GRID

	Cu	Mo	Ag	Pb	Zn
Background	32 ppm	1.9 ppm	0.16 ppm	3.0 ppm	94 ppm
Poss. Anomalous	60 ppm	2.9 ppm		5.7 ppm	128 ppm
Anomalous	120 ppm	4.5 ppm	0.45 ppm	10.5 ppm	167 ppm

(See Appendix I for graphs.)

1 Lepeltier, Claude: Economic Geology, Vol. 64, 1969, pp. 538-550

2.2.2 Discussion of Results

Compilation Map, Figure 8, displays several possible anomalies of Cu, Mo and Ag within the East Grid coverage. Of particular interest are the large near coincident anomalies which center on Stations 184E - 27m N and 100 m E - 27 m N. Here the region of high Cu and Mo values are superimposed with high Ag on the margins. The higher Au values although only slightly above background are conspicuous in their peripheral arrangement around the base metal and silver anomalies. This zoning pattern is not unlike that typically exhibited by most porphyry-type copper-molybdenum mineral deposits. Since the reconnaissance I.P. surveys have indicated anomalous conditions in this region on Lines 92 m E and 100 m E, the soil anomalies may be indicating previously undetected centers of mineralization similar to other known centers on the property and warrant further investigation.

The West Grid possible anomalies are shown on Compilation Map, Figure 14. The data from this area were treated separately from the East Grid because of general physiographic differences. In addition, the interpolated intrusive-country rock contact is assumed to be near the base line. Therefore, the north half has been analyzed for Cu, Mo and Ag, while the south half has been analysed for Cu, Pb, Zn and Ag. (See Figure 3.)

In the southern portion, the Pb, Zn values do not appear to be particularly anomalous nor continuous except in the far south and between L0+00mW and L8+00mW adjacent to the base line. The more southerly anomaly which includes Ag and Cu is well within the sedimentary sequence of the Inklin formation and may represent just a higher base metal background in the rocks.

However, the weakly anomalous condition just south of the base line lies approximately within the Kutcho volcanics and laps onto the probable contact zone with the Eaglehead batholith. It is possible that the elevated values in Cu, Pb, and Zn reflect the contact

Discussion of Results (continued)

hydrothermal environment encountered in D.D.H.s 56 and 57 some 2.0 km. to the east. In those drill holes, sections of pervasively silicified and hornfelsed volcanics were intersected; some of which contained minor traces of galena and sphalerite as well as narrow but significant intersections of copper mineralization. Although perhaps not on a high priority, the region deserves further investigation.

In the north half of the West Grid, the strong positive correlation between Cu and Mo is not as apparent as on the East Grid. Here, the Mo distribution shows an elongate anomaly parallel to the north side of the base line. The anomalous area is generally restricted to the valley bottom of the main westerly drainage from the Camp and Pass mineralized zones, and thus may reflect dispersion of metals from those zones. One would expect, therefore, a coincident dispersion of copper. This, however, is not the case. The main copper anomaly although subparallel to Mo occurs uphill, seemingly as an extension of the narrow anomalous I.P. zone on L96W. (See Figure 3.) It appears, therefore, that the ground water chemistry and movement in this area are such that they allow greater mobility to Mo than to Cu. In view of the size and strength of this copper anomaly, especially between L96W and 8+00m W and the occurrence of a near coincident I.P. anomaly to the east, this portion of the West Grid deserves further investigation.

2.3 Purpose of Diamond Drilling Program

The purpose of the 1981 diamond drilling program was to continue to assess the potential for copper-molybdenum mineralization previously indicated by diamond drilling or by the results of geochemical and geophysical surveys. Drill holes were spotted so as to extend the known mineralization in the Bornite and Pass Zones, to assess the I.P. anomaly between L24W and L48W (West Zone) and the I.P. anomaly in the vicinity of D.D.H. 34 and L128E (East Zone). The directions and dips of drill holes were set to take advantage of the distribution of mineralization suggested by the results of 1980 drilling in the Bornite Zone.

The survey of drill holes and claim locations started in 1980 was expanded to include all of the drill holes up to D.D.H. 55 and all of the LCP on the property. Compilation Map Figure 3 and the Plans of Diamond Drilling (Figures 15 and 16) are based on the above survey.

2.3.1 Diamond Drill Hole Results

The 1981 drilling program consisted of 11 drill holes (10 of which are being applied to assessment in this report). NQ core was recovered from the top 50 metres of each hole to improve recovery in the broken, oxidized, near surface rock; thence BQ for the remainder of each hole.

Of these, six holes, Nos. 49, 50, 51, 52, 54, and 58, were in the vicinity of the Bornite Zone; one hole, No. 53, was collared at the western end of the Pass Zone; two holes, Nos. 56 and 57, were located in the West Zone; and two holes, Nos. 55 and 59, were located in the East Zone. (See Figures 15 and 16.)

Diamond Drill Hole Results (continued)

BORNITE ZONE

Hole 49

This drill hole encountered variably altered biotite quartz diorite for most of its length, with narrow sections of a grey porphyry dyke intersected high in the hole. In general, the presence of sulphide mineralization was directly related to the intensity of K-feldspar alteration and fracture intensity. Primary mineralization encountered was in the form of bornite, chalcopyrite, molybdenite and hematite with the most significant intersections from 113.1 m. to 210.0 m. Other minor zones were encountered. Of particular note were supergene minerals such as chalcocite, cuprite and native copper around the 22 m. mark. Boundaries between fresh and altered rock were generally sharp and coincided with dramatic changes in fracture intensity. It appears as though the main intersection in this hole can be correlated with the down dip extension of the intersection at the top of D.D.H. 44. (See Figure 17.)

Hole 50

This hole is shown in Figure 18. It was designed to investigate the D.D.H. 40 drill hole intersection at depth. However, in addition to intersecting the biotite quartz diorite numerous dyke-like bodies of grey porphyry and a crowded feldspar porphyry were encountered. Mineralization, with the exception of a few narrow higher grade intersections at 110 m. and 205 m., was similar to Hole 49 and generally of a dispersed low grade nature. Alteration and fracture intensity is variable. However, there is a hint of a special relationship with the crowded feldspar porphyry. The intensity of K-feldspar alteration continues to coincide with higher Cu-Mo content.

Diamond Drill Hole Results (continued)

Hole 51

Hole 51 was collared in the same section as Holes 44 and 49. It was designed to test I.P. anomalies and the extension of the Holes 44 and 49 intersections to depth. (See Figure 17.) It encountered biotite quartz diorite and several crowded porphyry and grey porphyry dykes. Low grade disseminated Cu-Mo mineralization is found throughout the hole with slight increases in grade occurring adjacent to the boundaries of the crowded porphyry dykes. It appears that the intersections deep in the hole may be correlated with a steepening of the Holes 44, 49 intersections but of lower grade. Rock alteration consisting mainly of K-feldspar and sericite is generally less intense as is the fracture density. There appears to be a late overprint of propylitic alteration on other rock alterations.

Hole 52

Drill Hole 52 on Section 2770mE (Figure 19) was designed to test for an extension of the Bornite Zone in a westerly direction from the mineralized intersections encountered in Drill Holes 44, 49, and 51 (Section 2895mE). Weakly to moderately altered biotite quartz diorite was encountered the length of the hole. As in the other holes, K-feldspar and sericite alteration were dominant and varied directly with fracture density. Propylitic alteration appears late. The presence of gypsum (post propylitic alteration) became conspicuous in the lower half of the hole. Sulphide mineralization included chalcopyrite, bornite, and molybdenite with minor pyrite dispersed throughout the hole. The higher grades were generally confined to several 10 m. sections and again correlated with increases in fracture and rock alteration intensities. Although minor amounts of pyrite were present, most of the excess iron is in the form of earthy or specular varieties of hematite. This is consistent with observations throughout

Diamond Drill Hole Results (continued)

Hole 52 (continued)

the Bornite Zone.

The question of a westerly extension to the Bornite Zone is as yet unresolved. If the intersections encountered in Hole 52 are part of the main zone, they suggest a pinching out of mineralization at this depth. There is, however, still room for an extension up dip (i.e., north) from this hole.

Hole 54

This hole on Section 3190mE (Figure 20) was designed to intersect the main zone of mineralization encountered in Holes 40 and 42 at depth and provide an easterly extension to the known mineralization in the Bornite Zone. With the exception of a small swarm of grey porphyry dykes near the top of the hole, variably altered biotite quartz diorite was encountered throughout. Alteration and sulphide mineral assemblages were consistent with those generally found in the Bornite Zone with propylitic alteration being later than potassic alterations.

The main mineralized intersection occurs at depth between 255.5 m. and 384.5 m. Sulphide mineralization consists of chalcopyrite, bornite and molybdenite. Pyrite is conspicuously absent, but hematite is observed throughout. This section is well fractured and contains several fault breccias. Gypsum is present below this zone. A tentative interpretation would be that this intersection is continuous with those in Holes 44, 49, 51 (Section 2895mE) and Holes 19, 40, 42 (Section L96E, 1980), and as such, leaves the Bornite Zone open to the east at depth.

Diamond Drill Hole Results (continued)

Hole 58

Hole 58, shown on Section 3340mE (Figure 21) was designed to intersect the near surface extension of the Bornite Zone east of Hole 42 and between Holes 46 and 47. The rock encountered was a moderate to well altered well fractured and sheared biotite quartz diorite which had been intruded by a crowded feldspar porphyry dyke swarm. Numerous faults were observed. Principal alterations were K-feldspar, sericite and chlorite with a propylitic overprint. Sulphide mineralization included traces of chalcopyrite, bornite and molybdenite which, although only present in minor amounts, was concentrated between 160 m. and 215 m. associated with quartz-carbonate stringers, intense fracturing and occasional faults within this section.

Although traces of sulphides were seen throughout the hole, the main metallic mineral is hematite, both the earthy and specular varieties. Whether or not the weak sulphide mineralization noted above is correlative with the main Bornite Zone is, as yet, uncertain.

PASS ZONE

Hole 53

Hole 53 was collared at the west end of the Pass Zone in order to test for a westerly extension as indicated by Hole 4. The hole encountered well fractured and brecciated altered biotite quartz diorite with crowded feldspar porphyry dykes in the lower sections. Alteration was predominantly strongly sericitic with local zones of more intense K-feldspar. Significant sulphide intersections were located between 62 and 100 m. The main sulphide mineral was pyrite which, along with chalcopyrite, occasionally reached concentrations of greater than 10% in brecciated

Diamond Drill Hole Results (continued)

Hole 53 (continued)

biotite quartz diorite between 62 m. and 78 m. where the near surface sulphides completely enclosed rock fragments. Although traces of molybdenite were observed, bornite was conspicuously absent. Hematite, normally found to occur with the copper sulphides in the Bornite Zone, was concentrated both above and below the sulphide concentrations. Quartz-dolomite alteration and stringers were conspicuous below the sulphide zone. It appears that the Pass Zone does extend to the west. (See Figure 22, Section 48+00E.)

WEST ZONE

Hole 56

Hole 56, along with Hole 57, was collared in a previously untested I.P. anomaly some 1000 m. long. Hole 56 encountered pervasively silicified and sheared rock which was probably biotite quartz diorite. Along with strong sericitization, silicification and dolomitization were the most significant alterations. Weak K-feldspar alteration was encountered towards the bottom of the hole. The rock generally was well fractured with the shearing occasionally forming a mylonite. In addition to traces of fine pyrite, traces of chalcopyrite and molybdenite were also observed. In some of the more silicified zones, traces of galena and sphalerite occurred along with a mineral thought to be enargite. Hematite occurred towards the bottom with the K-feldspathization. With the exception of a few narrow 0.5 - 0.8% Cu intersections, the metal grades generally were little better than trace. (See Figure 23, Section 48+00W.)

Diamond Drill Hole Results (continued)

Hole 57

This hole shown in Figure 24, Section 28+00W, encountered large sections of silicified mylonitized rock. Rock alterations and sulphide content were generally similar to Hole 56. Of particular significance, however, were the numerous intersections of what appeared to be hornfelsed country rock. These appeared as foliated very fine grained volcanics (?) comprised of biotite, chlorite, quartz in which specular hematite also appears as a rock forming mineral. Variable concentration, sometimes greater than 1.0% Cu, of chalcopyrite occurred as seams and streaks parallel to the foliation. The hole also encountered numerous grey porphyry and crowded feldspar porphyry dykes, similar to those which occur in the Bornite Zone some 4 kilometres to the east. (See Figure 24, Section 28+00W).

EAST ZONE

Hole 55

Drill Hole 55 was designed to test the I.P. anomaly east of Hole 34. The hole intersected variably altered biotite quartz diorite which had been intruded by several crowded feldspar porphyry and grey porphyry dykes. Alteration and sulphide mineral assemblages were similar to those of the Bornite Zone with the exception that pyrite was more conspicuous. Several zones of disseminated Cu-Mo mineralization were encountered. Of particular interest was a high grade copper intersection between 302.5 m. and 308.5 m. which was associated with a major fault zone. Sulphide minerals include pyrite, chalcopyrite and molybdenite with traces of specular hematite. Chalcopyrite was near massive for 10 to 30 centimetre sections.

Diamond Drill Hole Results (continued)

Hole 59

Although this hole is not being applied to the current assessment work, a brief description is included in this report as it lies on the same section (Figure 25, Section 3975mE) as Hole 55.

Its purpose was to test an I.P. anomaly just south of Hole 55. In the first 160 m. the hornblende quartz diorite was encountered. Since alignment of hornblende phenocrysts were in places subparallel to the hole, it is felt that the hole is subparallel to the contact. Tight mineralized fractures with restricted alteration envelopes are found within the hornblende quartz diorite suggesting that the H.Q.D. was, in part, pre ore. Below 160 m. biotite quartz diorite, cut by grey porphyry and crowded feldspar porphyry dykes, was encountered. Alteration and sulphide mineral assemblages were again similar to those in the Bornite Zone. There is some suggestion that the more significant Cu-Mo assay sections in this hole correlate with those in the upper part of Hole 55.

2.3.2 Interpretation and Discussion of Diamond Drilling

It should be noted that a detailed examination of the geology in all of the drill holes is still in progress and that a more detailed account of the relationship between the geology and sulphide mineralization is not possible at this time. To this end, Mr. David Caulfield, a 4th Year geology student at the University of British Columbia, is currently writing a Bachelor's Thesis on the petrology and rock alterations in the Bornite Zone along Section 2895mE.

Interpretation and Discussion of Diamond Drilling (continued)

A preliminary interpretation of the 1981 diamond drilling program is as follows:

1. It appears that the 1980 interpretation of the distribution of important Cu-Mo mineralized intersections is valid and that the main Bornite Zone extends from the top of Hole 44 in the west to the bottom of Hole 54 in the east.

2. Although the possibilities of a westerly extension to the zone is limited, the Hole 54 intersections permit an easterly extension especially at depth.

3. Hole 53 confirms that, although narrow, the Pass Zone is continuous at least to Line 48+00E and may extend as far west as Hole 43 on Line 36+00E.

4. The nature of the structure, alteration, mineralization and the inclusions of hornfelsed volcanics in Holes 56 and 57 suggest that the West Zone represents a sheared intrusive contact between the biotite quartz diorite phase of the Eaglehead Batholith and the adjacent Kutcho Formation volcanics and volcanoclastics.

5. Drill Holes 55 and 59 have indicated that the East Zone has not only the potential for disseminated copper-molybdenum mineralization similar to the Bornite Zone but the potential for more massive, high grade copper mineralization as well.

3.0 CONCLUSIONS

The 1981 field exploration program at the Eaglehead Prospect has been extensive and varied. In most cases the results of the various surveys and the diamond drilling have been positive. The geochemical surveys

CONCLUSIONS (continued)

over previously untested ground have produced a significant geochemical target that warrants further investigation on the northern portion of the East Grid as well as a significant target in the western portion of the property.

The I.P. survey results have helped to delineate extensions of the Bornite and East Zones and have supported the anomalous geochemical anomalies on the East Grid. The diamond drilling has continued to extend important zones of disseminated copper-molybdenum mineralization and has given greater insight as to the overall geology of the Eagle and Fox Claims. Continued investigations into the mineral potential of the Eaglehead Property by means of surface exploration techniques and diamond drilling is warranted.

Respectfully submitted,

C.K. Ikona, P. Eng.
Pamicon Developments Ltd.

T. Cameron Scott, Geologist
Pamicon Developments Ltd.

4.0 ITEMIZED COST STATEMENT

EAGLEHEAD DIAMOND DRILLING PROGRAM

MAY TO NOVEMBER 1981

4.0

ITEMIZED COST STATEMENT

EAGLEHEAD DIAMOND DRILLING PROGRAM

MAY TO NOVEMBER 1981

WAGES

T.C. Scott - Project Geologist
(#208 - 850 West Hastings Street, Vancouver, B.C.)

January to April	42.7 days @ $150/day with 15% burden	$6,405.00	
May	1 month @ $2,530/month with 15% burden	2,530.00	
June	1 month @ $2,530/month with 15% burden	2,530.00	
July	1 month @ $2,875/month with 15% burden	2,875.00	
August	1 month @ $2,875/month with 15% burden	2,875.00	
September	1 month @ $2,875/month with 15% burden	2,875.00	
October	1 month @ $2,875/month with 15% burden	2,875.00	
November	1 month @ $2,875/month with 15% burden	2,875.00	$25,840.00

C.K. Ikona, P. Eng.
(#208 - 850 West Hastings Street, Vancouver, B.C.)

March	2.5 days @ $150/day with 15% burden	375.00	
April	1.5 days @ $150/day with 15% burden	225.00	
June	2 days @ $150/day with 15% burden	300.00	
July	6 days @ $150/day with 15% burden	900.00	
August	4 days @ $150/day with 15% burden	600.00	
September	4 days @ $150/day with 15% burden	600.00	
October	6 days @ $150/day with 15% burden	900.00	3,900.00

K. Milledge - Camp Manager
(#208 - 850 West Hastings Street, Vancouver, B.C.)

May	16 days @ $125/day with 15% burden	2,000.00	
June	1 month @ $2,012.26 with 15% burden	2,012.26	
July	19 days @ $80/day with 15% burden	1,520.00	
August	1 month @ $2,012.26 with 15% burden	2,012.26	
September	1 month @ $2,658.40 with 15% burden	2,658.70	
October	1 month @ $2,198.39 with 15% burden	2,198.39	
November	1 month @ $2,198.39 with 15% burden	2,198.39	14,600.00

WAGES (continued)

D. Fulcher - Project Planning
(#208 - 850 West Hastings Street, Vancouver, B.C.)

April	1.6 days @ $125/day with 15% burden	$ 200.00	
May	5.4 days @ $125/day with 15% burden	675.00	$ 875.00

R. Darney - Geologist
(#208 - 850 West Hastings Street, Vancouver, B.C.)

March	1.5 days @ $150/day with 15% burden	225.00	
May	6 days @ $150/day with 15% burden	900.00	
June	17 days @ $150/day with 15% burden	2,550.00	3,675.00

D. Yeager - Geologist
(#208 - 850 West Hastings Street, Vancouver, B.C.)

March	.75 days @ $150/day with 15% burden	112.50	
April	1.25 days @ $150/day with 15% burden	187.50	
May	1.25 days @ $150/day with 15% burden	187.50	
June	10 days @ $150/day with 15% burden	1,500.00	1,987.50

N. Niemela
(#208 - 850 West Hastings Street, Vancouver, B.C.)

June	2 days @ $50/day with 15% burden	100.00	100.00

C. Spooner
(#208 - 850 West Hastings Street, Vancouver, B.C.)

July	9 days @ $56.07/day with 15% burden	504.63	
August	12.4 days @ $56.07/day with 15% burden	695.26	
September	12.5 days @ $56.07/day with 15% burden	700.87	
October	8.9 days @ $56.07/day with 15% burden	499.02	2,399.78

Jon Anderson - Prospector
(#208 - 850 West Hastings Street, Vancouver, B.C.)

May	12 days @ $60/day with 15% burden	720.00	
June	1 month @ $2,012.26 with 15% burden	2,012.26	
July	1 month @ $2,012.26 with 15% burden	2,012.26	
August	1 month @ $2,012.26 with 15% burden	2,012.26	
September	Vacation Pay	294.46	7,051.24

WAGES (continued)

David Leis - Prospector
(#208 - 850 West Hastings Street, Vancouver, B.C.)

May	12 days @ $66.66/day with 15% burden	$ 799.92	
June	1 month @ $2,232.26 with 15% burden	2,232.26	
July	1 month @ $2,232.26 with 15% burden	2,232.26	
August	1 month @ $2,232.26 with 15% burden	2,232.26	$ 7,496.70

Dave Caulfield - Assistant Geologist
(#208 - 850 West Hastings Street, Vancouver, B.C.)

May	4.2 days @ $60.65/day with 15% burden	254.73	
June	1 month @ $2,012.26 with 15% burden	2,012.26	
July	1 month @ $2,012.26 with 15% burden	2,012.26	
August	½ month @ $2,012.26 with 15% burden	1,006.13	
September	10 days @ $60.65/day with 15% burden	606.50	5,891.88

Randy Beaton - Assistant Geologist
(1405 Spartan Avenue, Sarnia, Ontario)

June	24.1 days @ $67.07/day with 15% burden	1,616.38	
July	1 month @ $2,012.26 with 15% burden	2,012.26	
August	1 month @ $2,012.26 with 15% burden	2,012.26	
September	7.2 days @ $67.07/day with 15% burden	482.90	6,123.80

Mavis Evans - Cook
(#1207 - 1616 Pendrell Street, Vancouver, B.C.)

May	4 days @ $95.83/day with 15% burden	383.32	
June	1 month @ $2,875 with 15% burden	2,875.00	
July	1 month @ $2,875 with 15% burden	2,875.00	
August	1 month @ $2,875 with 15% burden	2,875.00	
September	1 month @ $2,875 with 15% burden	2,875.00	
October	13.7 days @ $95.83/day with 15% burden	1,312.87	13,196.19

John McDonald - Core Splitter
(2970 Jarvis Street, Armstrong, B.C.)

June	10 days @ $46/day with 15% burden	460.00	
July	1 month @ $1,348.14 with 15% burden	1,348.14	
August	1 month @ $1,348.14 with 15% burden	1,348.14	3,156.28

WAGES (continued)

Sam Tocheniuk - Bull Cook
(#6 Beclingfield Street, Port Moody, B.C.)

June	10 days @ $46/day with 15% burden	$ 460.00	
July	1 month @ $1,348.14 with 15% burden	1,348.14	
August	1 month @ $1,348.14 with 15% burden	1,348.14	
September	14.6 days @ $46/day with 15% burden	671.60	$ 3,827.88
	SUB-TOTAL		$100,121.25

Casual Employment

Dave McDonald - Carpenter
(P.O. Box 4402, Whitehorse, Y.T.)

August 16-25	10 days @ $100/day	$1,000.00	

Kathy McDonald - Relief Cook
(P.O. Box 4402, Whitehorse, Y.T.)

August 19-25	7 days @ $100/day	700.00	

Bob Juneau - I.P. Helper
(#208 - 850 West Hastings Street, Vancouver, B.C.)

August 29 - September 23	26 days @ $65/day	1,690.00	3,390.00
	TOTAL WAGES		$103,511.25

PROFESSIONAL FEES AND CONTRACTS

McCrory Holdings Ltd.

July	18 days line cutting @ $500/day/2 men	$9,000.00	
	Miscellaneous expenses	526.25	
September	2 days line cutting @ $500/day/2 men	1,000.00	
	9 days restaking @ $300/day/man	5,400.00	$15,926.25

Robert Allen Co.

August	Surveying work for 8 days plus expenses (as per invoice)	6,517.00

International Environmental Consultants
I.E.C. Consultants

July 8	As per invoice	140.00	
July 31	As per invoice	1,718.03	
August 28	As per invoice	129.21	
Sept. 30	As per invoice	58.12	2,045.36

Hogan & Webber
Barristers & Solicitors

June 5	As per invoice	475.00

Teed's Secretarial Service Inc.

May 4	As per invoice	185.00	
June 26	As per invoice	12.55	197.55

McElhanney Surveying & Engineering Ltd.

June 15	Invoice No. 9022809	525.00

Neilsen Geophysics Ltd.

As per invoices for 13.9 km. I.P. work in August and September	18,525.00

G.H. Rayner & Associates Ltd.

Consulting Fees - as per July 13 invoice	600.00

TOTAL PROFESSIONAL FEES AND CONTRACTS	$44,811.16

COMMUNICATIONS AND TELEPHONE

Northwest Telecommunications

March 3	As per invoice	$ 15.57	
March 24	As per invoice	7.70	
April 23	As per invoice	7.70	
May 23	As per invoice	7.70	
June 23	As per invoice	7.70	
July 23	As per invoice	7.70	
August 23	As per invoice	7.70	
August 30	As per invoice	39.11	
September 30	As per invoice	54.51	
November 15	As per invoice	192.89	348.28

B.C. Telephone Company

February and March	As per billing	35.77	
March and April	As per billing	18.10	
May	As per billing	85.29	
June	As per billing	38.32	
July	As per billing	337.19	
August	As per billing	111.37	
September	As per billing	267.88	
October	As per billing	216.00	1,109.92

Yukon Expediting Ltd.

May - October	Long distance telephone charges - as per invoice	496.67

Receiver General

May 28	Radio license	66.06

Department of Communications

June 23	26.00

Northern Canadian Power

September 30	Credit	(111.52)

TOTAL COMMUNICATIONS AND TELEPHONE	$1,935.41

GENERAL BUSINESS EXPENSE

Willson's Stationery			
May 28		$ 46.51	
Williams & Mackie			
May 29		13.35	
Teed's Secretarial Service Inc.			
June 30		69.33	
C.B.A. Messenger			
July 30		16.55	
Pamicon Development General Business Expense			
May to September		1,200.00	$1,345.74

INSURANCE

Frontier Helicopters			
June 30	As per ticket	$ 150.00	
July 30	As per ticket	150.00	$ 300.00

TRAVEL, ACCOMMODATION AND MEALS

MacDonald Travel Agency			
March	Invoice No. 00956	$ 80.00	
May	Invoice Nos. 03046, 077, 078, 081, 143, 151	3,912.40	
June	Invoice Nos. 03374, 03537, 03291	1,197.40	
July	Invoice Nos. 04040, 04299	707.00	
August	Invoice No. 05213	1,105.90	
September	Credit	(701.50)	$ 6,301.20
Lasse Travel Service Ltd.			
August 12, 29, 30	As per invoice	2,320.30	
September 30	As per invoice	192.25	2,512.55
Gateway Motor Inn - Watson Lake			
June	As per invoices	382.49	
July	As per invoices	155.40	
September	As per invoices	652.75	1,190.64
T & R Services - Dease Lake			
June 9	Invoice No. 03903		475.00
Abbotsford Hotel - Vancouver			
June 10	Invoice No. 11036		21.33
G. Rayner & Associates Ltd.			
	Travel expenses from Vancouver to Eaglehead and return - as per invoice		600.00
Grayling Inn - Dease Lake			
August 18	Invoice	161.12	
September	Invoice	353.60	514.72
Watson Lake Hotel			
August	As per invoice	389.60	
September	As per invoice	349.40	
November	As per invoice	336.30	1,075.30

TRAVEL, ACCOMMODATION AND MEALS (continued)

Expense Accounts

R. Darney - Expense Account		
May	$ 903.52	
June	713.02	
C.K. Ikona - Expense Account		
July	38.00	
D. Lies - Expense Account		
July	263.64	
R. Beaton - Expense Account		
June	125.87	
August	694.70	
September	28.40	
M. Evans - Expense Account		
August	59.00	
J. Anderson - Expense Account		
August	26.70	$ 2,852.85
McCrory Holdings Ltd.		
Travel Expenses		288.47
Yukon Expediting Ltd.		
Meal Expenses		112.00
TOTAL TRAVEL, ACCOMMODATION AND MEALS		$15,944.06

AUTOMOTIVE EXPENSE

Narcan Leasing Ltd. - Whitehorse

June 1	Truck rental - Invoice No. 389453	$ 213.68	
June 4	Invoice No. 389358	1,038.28	
June 13	Invoice No. 389517	950.35	
June 13	Invoice No. 360394	708.48	
October 13	Invoice No. 401381	163.34	$3,074.13

Avis Habbert & Co. Ltd. - Watson Lake

May 28	Truck rental - Invoice No. 360764	704.67	
May 28	Invoice No. 360765	68.00	
May 29	Invoice No. 360394	708.48	
November 8	Invoice No. 360487	1,342.50	2,823.65

TOTAL AUTOMOTIVE EXPENSE $5,897.78

FIXED WING SUPPORT

B.C. Yukon Air Service

June	Cessna - 473.09 miles @ $1.56/mile and fuel	$ 738.02	
	Beaver - 445 miles @ $2.02/mile and fuel	898.90	
	Otter - 4,093.5 miles @ $2.52/mile and fuel	10,315.62	$11,952.54
July	Cessna - 1,164 miles @ $1.56/mile and fuel	1,815.84	
	Beaver - 232 miles @ $2.02/mile and fuel	468.64	
	Otter - 2,472 miles @ $2.56/mile and fuel	6,328.32	
	Islander - 3 passenger fares @ $66 each	198.00	
	Freight charge	34.75	8,845.55
August	Cessna - 975 miles @ $1.56/mile and fuel	1,521.00	
	Beaver - 432 miles @ $2.02/mile and fuel	872.64	
	Otter - 4,857 miles @ $2.56/mile and fuel	12,433.92	
	Islander - 2 passenger fares @ $66 each	132.00	
	Freight charge	166.65	15,126.21
September	Cessna - 696 miles @ $1.56/mile and fuel	1,085.76	
	Otter - 3,548 miles @ $2.56/mile and fuel	9,082.88	10,168.64
October	Otter - 848 miles @ $2.56/mile and fuel		2,170.88
	TOTAL FIXED WING SUPPORT		$48,263.82

HELICOPTER FUEL

Yukon Aviation Products

May	1,305 gallons 100/130 @ $2.24/gallon	$ 2,923.20	
	450 gallons JP4 @ $2.00/gallon	900.00	
June	1,530 gallons 100/130 @ $2.34/gallon	3,580.20	
	9,020 liters 100/130 @ $0.515/litre	4,645.30	
July	4,715 liters JP4 @ $0.462/liter	2,178.33	
	9,225 liters 100/130 @ $0.515/liter	4,750.87	
August	2,050 liters JP4 @ $0.462/liter	947.10	
	3,690 liters 100/130 @ $0.515/liter	1,900.35	
September	615 liters JP4 @ $0.477/liter	293.35	
	820 liters JP4 @ $0.477/liter	391.14	
	7,175 liters JP4 @ $0.477/liter	3,422.47	
October	235 liters JP4 @ $0.484/liter	113.74	
	410 liters JP4 @ $0.484/liter	198.44	
	TOTAL HELICOPTER FUEL		$26,244.49

DRAFTING AND REPRODUCTION

Western Reproducers Ltd.			
January	Invoice Nos. 60914, 61049, 61134	$170.06	
February	Invoice No. 61590	60.42	
April	Invoice No. 63154	17.18	
May	Invoice Nos. 63800, 63844, 63588	67.17	
August	Invoice No. 65094	19.68	$ 334.51
Westwords Typing Services			
February	Invoice Nos. 2046, 2094		460.00
J.W. Drafting			
February	Invoice Nos. 86541, 86543, 86522, 87370		998.99
Superior Reproductions & Printing			
May	Invoice No. 40234		124.78
	TOTAL DRAFTING AND REPRODUCTION		$1,918.28

FREIGHT

CP Air

June		$ 88.00	
July		1,233.51	
August		1,155.09	
September		627.39	
October		339.24	$ 3,443.23

Deakin Equipment Ltd. (Prepaid Freight)

May	Invoice No. 45020	144.06	
June	Invoice Nos. 45237, 45063, 45756	918.61	
September	Invoice Nos. 45772, 46093, 46478, 46263, 47725, 46209, 47140	263.76	
October	Invoice No. 47820	24.55	1,350.98

Christy's Service Ltd.

May	Invoice No. 1205	577.50	
June	Invoice Nos. 1212, 1218	1,547.50	
August	Invoice Nos. 1232, 1238	1,640.00	3,765.00

C.B.A. Messenger Service

April	Invoice Nos. 194906, 194902	20.00	
June	Invoice Nos. 221743, 194910	16.55	
July	Invoice No. 194911	9.00	45.55

Stikine Transportation Ltd.

May	Invoice No. 00023	32.50	
June	Invoice No. 00022, 00021	240.00	272.50

Yukon Territorial Ventures Ltd.

June	Invoice No. 2286		1,414.00

White Pass Transportation Ltd.

June	Invoice Nos. 511067, 511130		175.10

Canadian Freightways Ltd.

November 12	Invoice No. 507488		274.73

FREIGHT (continued)

Chemex Labs Ltd. (Prepaid Freight)

April	Invoice No. 41776	$ 45.76	
August	Invoice No. 42533	38.80	
November	Invoice No. 42997	155.40	$ 239.96

Miscellaneous	200.00
TOTAL FREIGHT	$11,181.05

CAMP EQUIPMENT AND MACHINERY

Deakin Equipment Ltd.

May	Invoice Nos. 44948, 44951, 44952, 44953, 44947, 44950, 44963	$4,710.80	
June	Invoice Nos. 45707, 46216	454.20	
July	Invoice No. 46563	119.50	$ 5,284.50

Northern Metallic Sales

May	Invoice Nos. 46731, 47056	603.40
TOTAL CAMP EQUIPMENT AND MACHINERY		$ 5,877.90

CAMP MATERIALS AND SUPPLIES

Deakin Equipment Ltd.			
May	Invoice Nos. 44952, 44953, 44954		$ 251.90
Watson Lake Hardware			
May	Invoice No. 4660	67.53	
June	Invoice No. 4873	174.22	
July	Invoice No. 4953	82.25	
October	Invoice No. 5551	113.80	437.80
General Enterprises - Building Supplies			
May	Invoice Nos. 0029549, 0029610, 0029614, 0029616, 0029618, 0029625, 0029643, 0029648		6,374.50
Northern Metallic Sales			
May	Invoice Nos. 46708, 47053, 47054, 47055, 47056, 47057, 47059, 47080	1,913.63	
June	Invoice Nos. 47743, 47894	258.74	
July	Invoice No. 48146	167.45	2,339.82
Beaver Lumber Co. Ltd.			
May	Invoice Nos. 317527, 317529, 317621, 317625, 317715		683.18
Fleck Bros. Ltd.			
June	Invoice Nos. 56322, 02125849	1,131.34	
August	Invoice No. 02128038	7.69	1,139.03
Canada Flooring Ent. Ltd.			
May	Invoice No. 11301		555.32
Gilchrist Building Supply Ltd.			
May	Invoice Nos. 2794, 3038	12.45	
July	Invoice No. 3172	42.00	54.45
Thunderbird Electrical & Plumbing			
May	Invoice No. 354573		620.38

CAMP MATERIALS AND SUPPLIES (continued)

ICG Canadian Propane			
May	Invoice No. 141778		$ 177.75
Hougen's Ltd.			
October	Invoice No. 5551		113.80
Yukon Expediting Ltd. (Prepaid Supplies)			
June		$ 144.67	
August		234.98	379.65
Camp Ground			
July	Invoice Nos. 9902, 9362		128.62
Watson Lake Motors Ltd.			
June	Invoice No. 16219		105.40
C.M. Devine & Sons Ltd. Dease Lake, B.C.			
June	Invoice No. 1403, 1404		243.73
Mountain Equipment Co-Op			
June			80.00
	TOTAL CAMP MATERIALS AND SUPPLIES		$13,685.33

CAMP FOOD

Camp Ground Services Ltd.
Watson Lake, Y.T.

May		$ 552.40	
June		3,931.06	
July		10,137.04	
August		8,425.32	
September		5,734.15	$28,779.97

Kelly Douglas & Co. Ltd.
Whitehorse, Y.T.

June	Invoice Nos. 10274, 10231, 9171	3,173.89	
August and September		915.00	4,088.89

Burns Meat Ltd.
Whitehorse, Y.T.

June		967.03

Food Fair
Whitehorse, Y.T.

May		674.47

Miscellaneous		200.00
	TOTAL CAMP FOOD	$34,710.36

CAMP FUEL

ICG Canadian Propane

June	As per invoices	$2,103.60	
July	As per invoices	1,145.55	
August	As per invoices	279.00	
September	As per invoices	1,078.75	
		4,606.90	
	Less Credit on tank returns	(1,156.05)	$ 3,450.85

Yukon Aviation Products

May to September	14,981 liters stove oil @ $0.349/liter	5,228.37	
	410 liters stove oil @ $0.386/liter	158.26	
	9,501 liters diesel @ $0.413/liter	3,923.91	
	45 gallons regular gas @ $1.79/gallon	80.55	9,391.05

Watson Lake Oil Ltd.

July to September	1,134.25

White Pass Petroleum

September	335.84

Petro Canada

July	269.00

Yukon Expediting Ltd. (Prepaid Fuel)	205.00
Miscellaneous	150.00
TOTAL CAMP FUEL	$14,935.99

EXPEDITING SERVICES

Yukon Expediting Ltd.
Watson Lake, Y.T.

May	As per invoice	$ 160.00	
June	As per invoice	1,628.77	
July	As per invoice	2,252.97	
August	As per invoice	1,825.00	
September	As per invoice	1,233.04	
October	As per invoice	3,019.38	
	TOTAL EXPEDITING SERVICES		$10,119.16

MATERIALS AND SUPPLIES EXPENDED

Chemex Labs Ltd. - Vancouver

July	Invoice Nos. 99426, 99438, 36532, 99492	$ 169.73	
October	Invoice Nos. 36540, 42678	391.76	$ 561.49

Deakin Equipment Ltd.

May and June	As per invoice	2,201.46

Northern Metallic Sales

July	552.77

Miscellaneous	200.00
TOTAL MATERIALS AND SUPPLIES EXPENDED	$ 3,515.72

RENTALS

Pamicon Developments Ltd.

Camp Equipment and Furnishings @ $4,008.98/month	$20,846.69
Video Cassettes Ltd.	
20 movies per month @ $6.98/film x 5 months	698.00
TOTAL RENTALS	$21,544.69

ASSAYS AND GEOCHEMISTRY

Chemex Labs Ltd. - Vancouver

May	As per invoices	$ 180.40	
June	As per invoices	622.50	
July	As per invoices	4,325.75	
August	As per invoices	5,078.85	
September	As per invoices	2,699.90	
October	As per invoices	2,427.50	
November	As per invoices	2,343.50	
December	As per invoices	401.00	
TOTAL ASSAYS AND GEOCHEMISTRY			$18,079.40

DRILLING FUEL

Yukon Aviation Products
Watson Lake, Y.T.

May	765 gallons diesel @ $1.77/gallon	$1,354.05	
June	8,200 liters @ $0.413/liter	3,386.60	
July	5,740 liters @ $0.413/liter	2,370.62	
August	7,175 liters @ $0.413/liter	2,963.27	
September	1,845 liters @ $0.462/liter	852.39	
	TOTAL DRILLING FUEL		$10,926.93

DRILL MUD, BOXES AND OIL

Additives

Thiessen Equipment Ltd.

July to August	296 bags Quick Gel @ $13.55/bag	$4,010.80	
	22 cases Quick Trol @ $103.55/case	2,278.10	
	2 cases Quick Chem @ $156.00/case	312.00	
	1 bag Calcium Chloride @ $31.25	31.25	
	1 bag Quick Seal @ $43.60	43.60	$ 6,675.75

Poly Drill Products

July	25 pails Poly Drill #330 @ $150.00 each	3,750.00	
	Freight @ $5.00/pail	125.00	3,875.00

Core Boxes

E.G. Whalley & Son Ltd.

May to September	320 BQ core boxes @ $6.60 each	2,112.00	
	168 BQ core boxes @ $7.75 each	1,302.00	
	138 NQ core boxes @ $6.65 each	917.70	
	100 core box covers @ $2.40 each	240.00	4,571.70

Oils

White Pass Petroleum Services

July to October	26 pails Hydraulic oil @ $35.60 each	925.60	
	9 cases Delo 400 oil @ $42.48 each	382.32	1,307.92

TOTAL DRILL MUD, BOXES AND OIL $16,430.37

PROPERTY CARRYING COSTS

Claim Recording Fees

September 8	B.C. Mining Receipt No. 162410	$6,960.00
September 23	B.C. Mining Receipt No. 171418	3,415.00
October 22	B.C. Mining Receipt No. 171764	1,030.00

TOTAL PROPERTY CARRYING COSTS $11,405.00

CASUAL HELICOPTER SUPPORT

Frontier Helicopters Ltd.

205

June	29.4 hours @ $995/hour	$29,253.00	
	Plus fuel	4,911.60	$34,164.60

AS350B

June	2.5 hours @ $495/hour	1,237.50	
July	4.9 hours @ $525/hour	2,572.50	
August	3.0 hours @ $525/hour	1,575.00	
September	10.3 hours @ $525/hour	5,407.50	
November	1.8 hours @ $525/hour	945.00	
	Plus fuel	755.89	12,493.39

Bell 206B

July	0.9 hours @ $400/hour	360.00	
August	1.0 hours @ $415/hour	415.00	
September	0.5 hours @ $415/hour	207.50	
October	2.4 hours @ $415/hour	996.00	
November	2.3 hours @ $465/hour	1,069.50	
	Plus fuel	269.03	3,317.03

Yukon Airways Ltd.

H500D

July	9.5 hours @ $450/hour	4,275.00	
August	10.9 hours @ $450/hour	4,905.00	
October	1.3 hours @ $450/hour	585.00	
	Plus fuel	1,010.55	10,775.55

H500C

July	0.7 hours @ $400/hour	280.00	
August	1.5 hours @ $400/hour	600.00	
	Plus fuel	108.20	988.20

Viking Helicopters Ltd.

H500D

July	3 hours 20 minutes @ $375/hour	1,250.00

TOTAL CASUAL HELICOPTER SUPPORT $62,988.77

SUB-TOTAL DIRECT CHARGES	$485,572.66
MANAGEMENT FEE ON DIRECT CHARGES	
Pamicon Developments Ltd.	
10% of $485,572.66	48,577.27
TOTAL DIRECT CHARGES	$534,129.93

INDIRECT CHARGES

AVIATION CONTRACTS

Trans North Turbo Air

Bell 47-B2

May	17.1 hours @ $230/hour	$ 3,933.00	
June	78.3 hours @ $230/hour	18,009.00	
July	66.3 hours @ $230/hour	15,249.00	
August	89.4 hours @ $230/hour	20,562.00	
	Plus fuel and oil	678.06	$ 58,431.06

Bell 206B

July	17.2 hours @ $400/hour	6,880.00	
August	10.5 hours @ $400/hour	4,200.00	
September	76.0 hours @ $400/hour	30,400.00	
October	23.2 hours @ $400/hour	9,280.00	
	Plus fuel and oil	1,015.26	51,775.26

Drilling Charges

Caron Diamond Drilling

June	Invoice No. 993	46,939.75	
July	Invoice Nos. 1011 and 1028	92,576.86	
August	Invoice Nos. 1044 and 1061	72,668.75	
September	Invoice Nos. 1069, 1083, and 1092	82,165.20	294,350.56

TOTAL INDIRECT CHARGES	$404,556.88

MANAGEMENT FEE ON INDIRECT CHARGES

Pamicon Developments Ltd. 5% of $404,556.88	20,227.84
TOTAL INDIRECT CHARGES	$424,784.72

TOTAL EXPENDITURES (DIRECT AND INDIRECT)

MAY - NOVEMBER 1981 $958,914.65

5.0 BREAKDOWN OF PROJECT COSTS AND ASSESSMENT WORK DISTRIBUTION

The camp support costs include all labour, camp services, supplies, fixed wing and helicopter costs (except drill moves) which relate to the execution of the field work in general. Portions of these costs are distributed pro rata through the direct and contract costs of the various elements of the field program which are applicable to the assessment periods of this report.

Tables 3 to 5, which follow, outline these distributions and the allotment of assessment work for the individual claim groups.

TABLE 3a

DISTRIBUTION OF PROJECT COSTS

1:1	TOTAL CAMP SUPPORT COSTS		$474,277.27
1:2	GEOCHEMISTRY		
	195 soil samples for Cu, Mo, Ag @ $3.85/sample	$ 750.75	
	243 soil samples for Cu, Pb, Zn, Ag @ $4.60/sample	1,117.80	
	9 soil samples for Cu, Mo, Pb, Zn, Ag @ $5.35/sample	48.15	
	353 soil samples for Cu, Mo, Ag, Au @ $8.35/sample	2,947.55	
	21 soil samples for Cu, Mo, Ag, Au @ $9.25/sample	194.25	
	Cost of Assaying	5,058.50	
	Percentage of Camp Support - 1.22%	5,786.18	
	Total Cost		10,844.68
	Cost per Sample = 10,844.68 ÷ 821 samples = $13.21/sample		
	Cost per Line km. = 10,844.68 ÷ 80 km. = $135.56/km.		
1:3	GEOPHYSICAL		
	A) Cost of I.P. Survey	18,525.00	
	Contract Line Cutting	9,526.25	
	Percentage of Camp Support - 6.76%	32,061.14	
	Total Cost		60,112.39
	Cost per Line km. = 60,112.39 ÷ 13.9 km. = $4,324.63/km.		
	B) Cost of E.M. Surveys (estimate)	18,000.00	
	Percentage Camp Support - 4.34%	20,583.63	
	Total Cost		38,583.63
	Cost per Line km. = 38,583.63 ÷ 30.25 km. = $1,275.49/km.		
1.4	DIAMOND DRILLING		
	Assaying 591 samples for Cu, Mo, Ag, Au @ $21.50 each	12,706.50	
	Helicopter Support Costs	58,558.68	
	Fuel, Mud, Poly, Core Boxes, etc.	27,357.30	
	Direct Drilling Charges	265,200.57	
	Percentage of Camp Support - 87.68%	415,846.31	
	Total Cost		779,669.36
	Cost per meter drilled:		
	779,669.36 ÷ 3,350.5 m. = $232.70/meter		
	TOTAL EXPENDITURES TO SEPTEMBER 25, 1981		$889,210.06

TABLE 3b

HELICOPTER BREAKDOWN AS PER

CAMP SUPPORT AND DRILL SUPPORT

TO SEPTEMBER 25, 1981

CAMP SUPPORT

205	15.4 hours @ $995/hour	$15,323.00	
B206B	1.5 hours @ $415/hour	622.50	
	66.3 hours @ $400/hour	26,520.00	
500D	8 hours @ $450/hour	3,600.00	
500C	2.2 hours @ $400/hour	880.00	
Bell 47B2	207.1 hours @ $230/hour	47,633.00	
Plus Fuel and Oils		4,128.97	$98,707.47

DRILL SUPPORT

205	14 hours @ $995/hour	13,930.00	
AS350B	2.5 hours @ $495/hour	1,237.50	
	18.2 hours @ $525/hour	9,555.00	
Bell 206B	31.6 hours @ $400/hour	12,640.00	
H500D	3 hours 20 minutes @ $375/hour	1,250.00	
	12.4 hours @ $450/hour	5,580.00	
Bell 47B2	44 hours @ $280/hour	10,120.00	
Plus Fuel and Oils		4,246.68	$58,558.68

TABLE 4a

PERCENTAGE BREAKDOWN OF GEOPHYSICAL AND GEOCHEMICAL WORK PER ASSESSMENT GROUP

1. EAGLEHEAD: I.P.

Eagle H-81 Group	11.0 km.	= 79.1%
Eagle I-81 Group	2.9 km.	= 20.9%
TOTAL	13.9 km.	= 100 %

2. EAGLEHEAD: SOIL GEOCHEMISTRY

Eaglehead Group (Eagle 1 and 2, NEW)	250 samples	= 30.5%
Eagle F-81 Group	190 samples	= 23.1%
Eagle H-81 Group	381 samples	= 46.4%
TOTAL	821 samples	= 100 %

3. EAGLEHEAD: E.M.

A) MAX MIN

Eagle F-81 Group	.85 km.
Eagle H-81 Group	3.15 km.
Eagle I-81 Group	3.05 km.
TOTAL	7.05 km.

B) RARE GEM

Eaglehead Group	18.95 km.
Eagle F-81 Group	2.35 km.
Eagle I-81 Group	2.0 km.
TOTAL	23.30 km.

TOTAL MAX MIN AND RARE GEM 30.35 km.

TOTAL MAX MIN AND RARE GEM PER GROUP:

Eagle F-81	3.2 km.	= 10.5%
Eagle H-81	3.15 km.	= 10.4%
Eagle I-81	5.05 km.	= 16.6%
Eaglehead Group	18.95 km.	= 62.5%
TOTALS	30.35 km.	= 100 %

TABLE 4b

DIAMOND DRILLING BREAKDOWN PER ASSESSMENT GROUP (*)

Group	Drill Hole No.	Claim No.	Length of Hole (apportioned)	Total	Percentage of Drilling Applied
EAGLE F-81	53	Eagle 99	179.0 m.		
	56	Eagle 8	146.5 m.		
	57	Eagle 6	80.9 m.	406.4 m.	12.2%
EAGLE H-81	50	Eagle 120	100.2 m.		
		Eagle 121	329.4 m.		
	54	Eagle 120	207.3 m.		
		Eagle 121	207.2 m.		
	55	Eagle 124	402.3 m.		
	58	Eagle 120	295.7 m.	1,542.1 m.	46.0%
EAGLE I-81	49	Eagle 112	286.2 m.		
	50	Eagle 112	21.5 m.		
	51	Eagle 112	431.9 m.		
	52	Eagle 112	282.2 m.		
	56	Eagle 7	99.2 m.		
	57	Eagle 5	196.5 m.		
	53	Eagle 37	84.5 m.	1,402.0 m.	41.8%
				3,350.5 m.	100 %

(*) Note: This breakdown is for drilling Diamond Drill Hole Nos. 49 through and including Diamond Drill Hole No. 58, for a total of 3,350.5 m. Diamond Drill Hole No. 59 is not included in this breakdown as it was drilled after the September 25, 1981 Assessment Date.

TABLE 5

DISTRIBUTION OF ASSESSMENT

GROUP AND TYPE OF WORK	% WORK	COST	ASSESSMENT APPLIED	P.A.C. DEPOSIT
EAGLEHEAD GROUP				
Geochemistry	30.5%	3,307.62		
Geophysics - E.M.	62.5%	24,114.77		
		27,422.39	20,800.00	6,622.39
EAGLE F-81				
Geochemistry	23.1%	2,505.12		
Geophysics - E.M.	10.5%	4,051.28		
Diamond Drilling	12.2%	95,119.66		
		101,676.06	98,200.00	3,476.06
EAGLE H-81				
Geochemistry	46.4%	5,031.93		
Geophysics - I.P.	79.1%	47,548.90		
Geophysics - E.M.	10.4%	4,012.70		
Diamond Drilling	41.8%	325,901.79		
		382,495.32	68,200.00	314,295.32
EAGLE I-81				
Geophysics - I.P.	20.9%	12,563.49		
Geophysics - E.M.	16.6%	6,404.88		
Diamond Drilling	46.0%	358,647.92		
		377,616.29	20,000.00	357,616.29
TOTALS		$ 889,210.06	207,200.00	682,010.06

T. Cameron Scott, Geologist

Charles K. Ikona, P. Eng.

6.0 STATEMENT OF QUALIFICATION

I, T. CAMERON SCOTT, of 1855 West 12th Avenue, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Geologist in the employment of Pamicon Developments Ltd. with offices at Suite 208, 850 West Hastings Street, Vancouver, B.C.

2. I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.

3. My primary employment since 1963 has been in the field of mineral exploration, mainly as a Field and Project Geologist.

4. My experience has covered a wide range of geologic environments and has allowed considerable familiarization with geophysical, geochemical and diamond drilling techniques.

5. This report is based on data supplied by Esso Resources Canada Ltd., Nuspar Resources Ltd., and on data generated by work supervised and done by me on the Eaglehead Property during 1981.

6. I am a Director of Nuspar Resources Ltd. and, as such, hold an option on securities in Nuspar Resources Ltd.

DATED at Vancouver, British Columbia this 12 day of February ,1982.

T. Cameron Scott
Geologist

6.1 ENGINEER'S CERTIFICATE

I, CHARLES K. IKONA, of 5 Cowley Court, Port Moody, in the Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Consulting Mining Engineer with offices at Suite 208, 850 West Hastings Street, Vancouver, B.C.

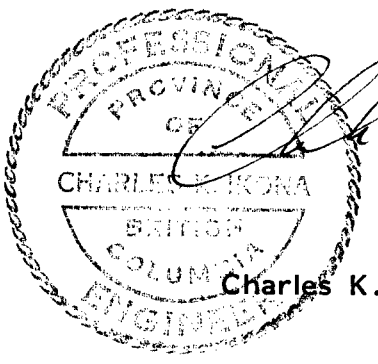
2. I am a graduate of the University of British Columbia with a Degree in Mining Engineering.

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

4. This report is based on data supplied by Esso Resources Canada Ltd., Nuspar Resources Ltd., and on work carried out under my supervision by T. Cameron Scott, Geologist, with whom I have been acquainted and worked with for a period of years and in whom I have every confidence.

5. I have no interest in the property described herein, or in the securities of the joint venture partners, nor do I expect to acquire any such interests.

DATED at Vancouver, British Columbia this 12 day of Feb, 1982.

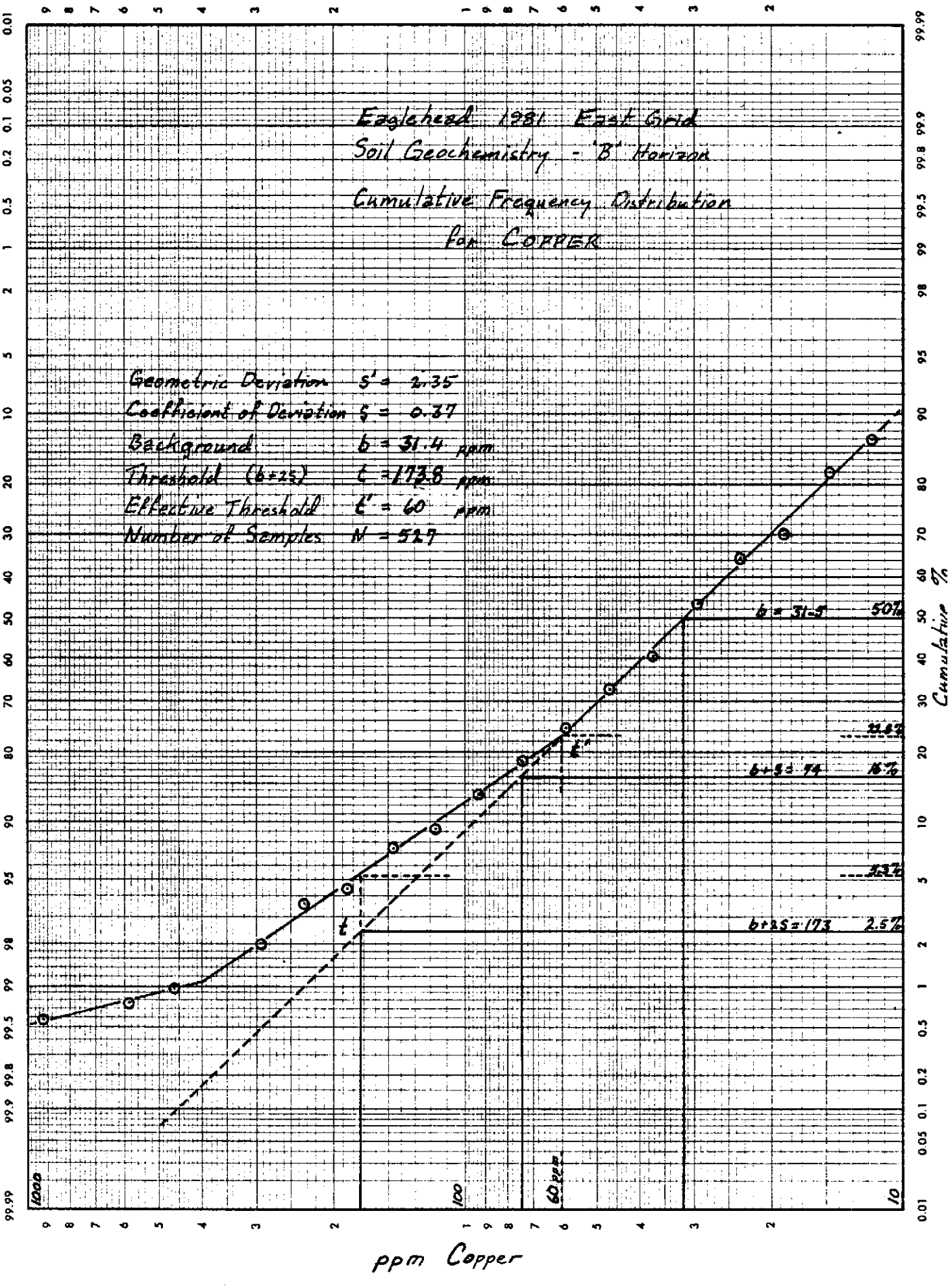


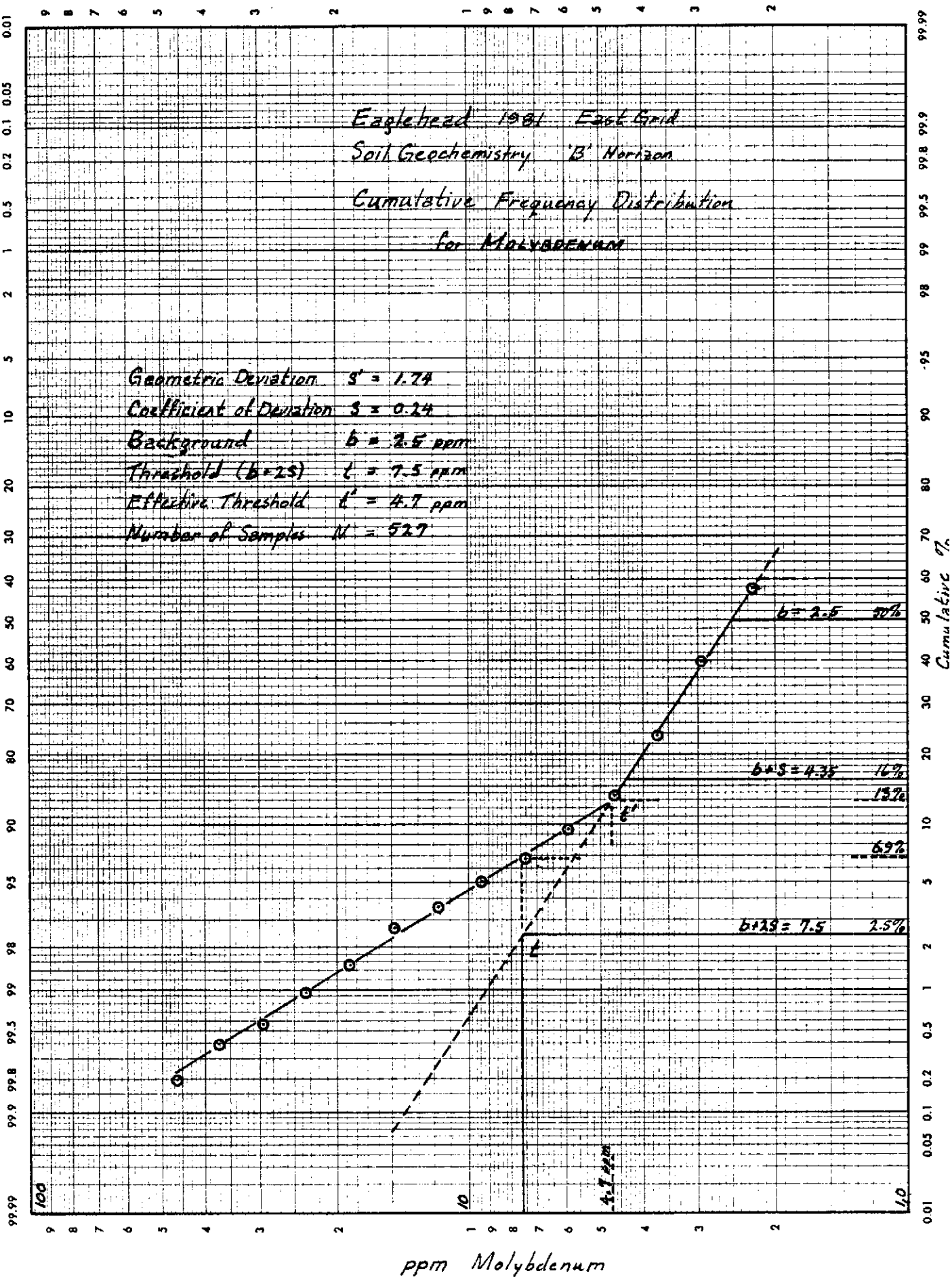
Charles K. Ikona, P. Eng.

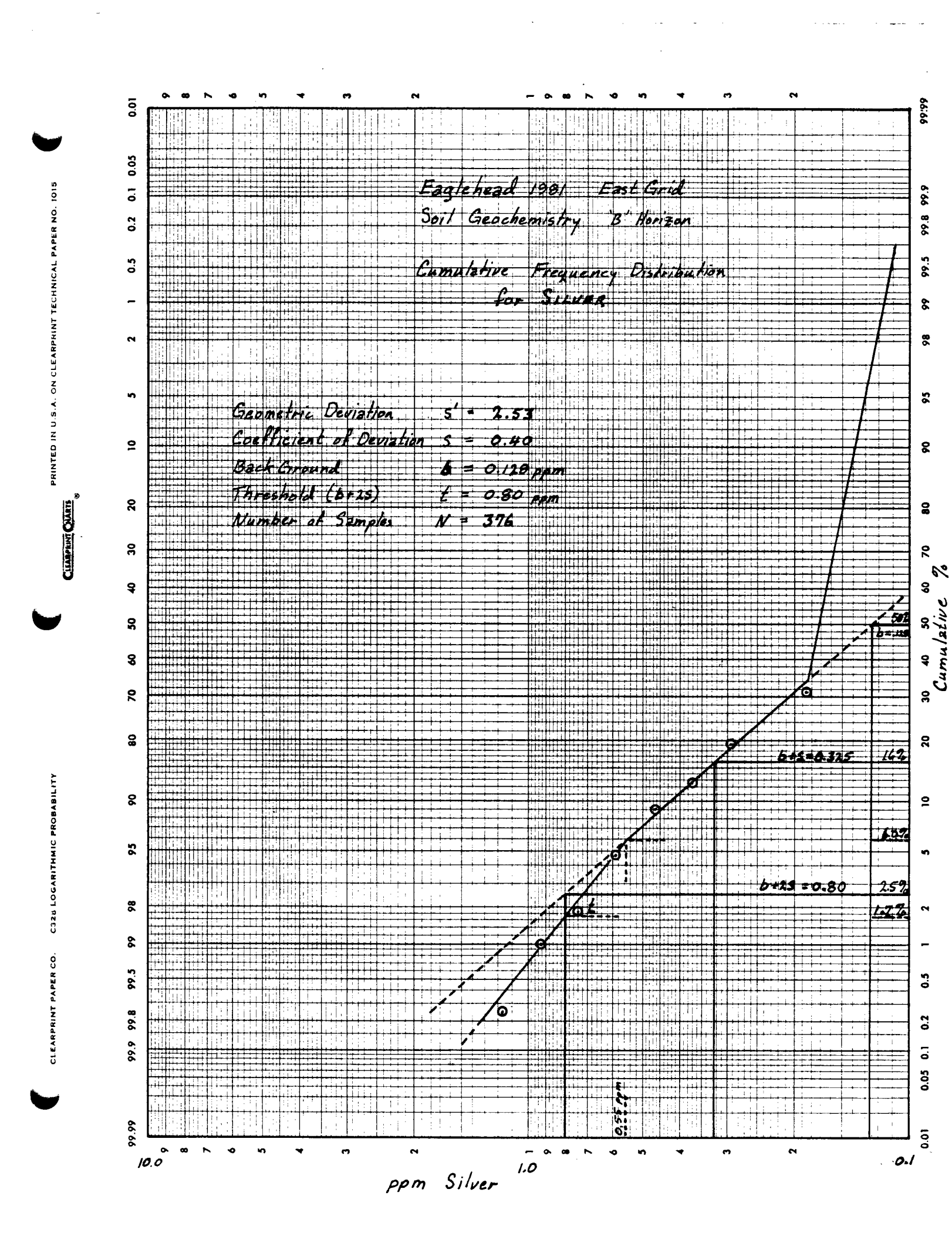
APPENDIX I

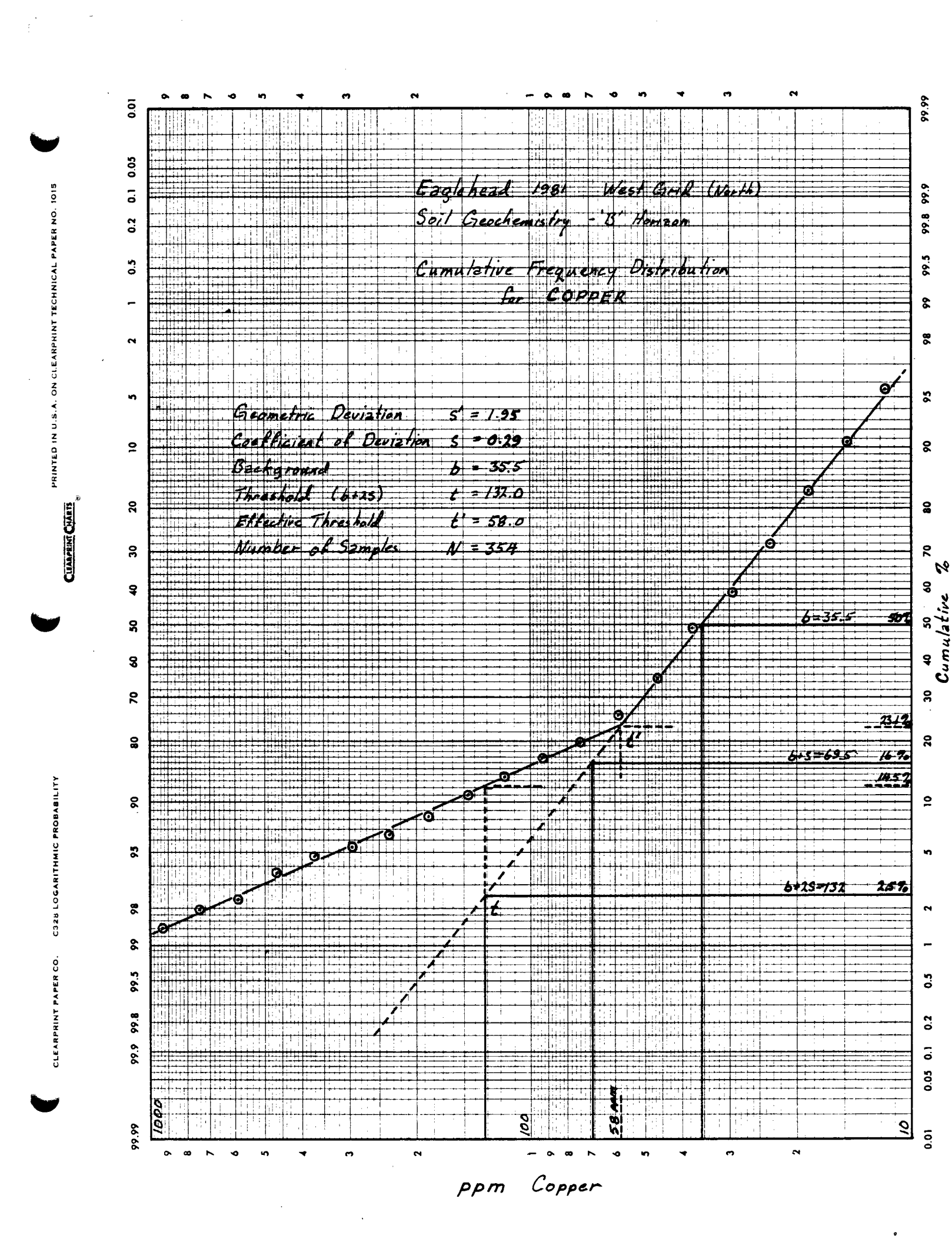
SOIL GEOCHEMISTRY - CUMULATIVE FREQUENCY

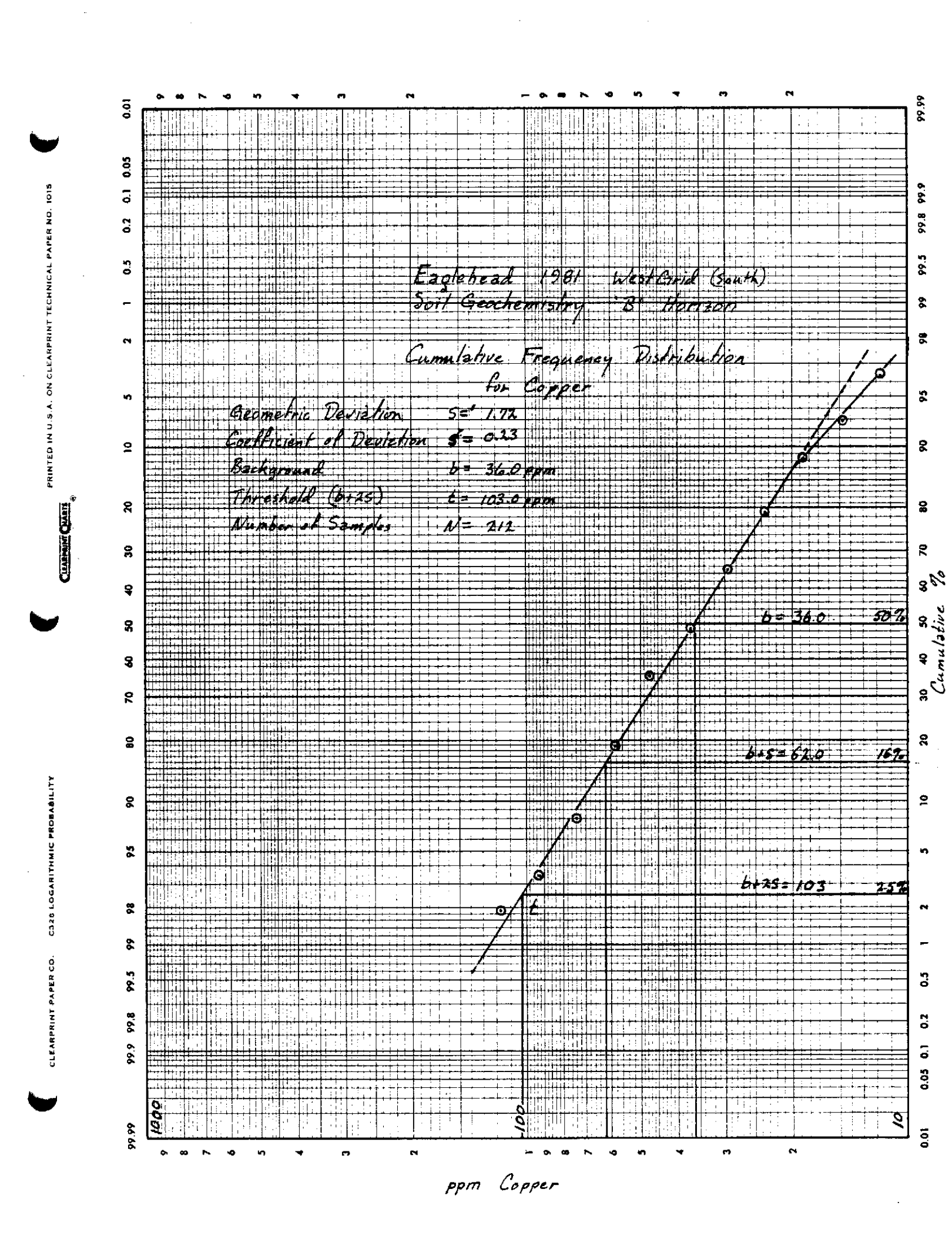
DISTRIBUTION CURVES

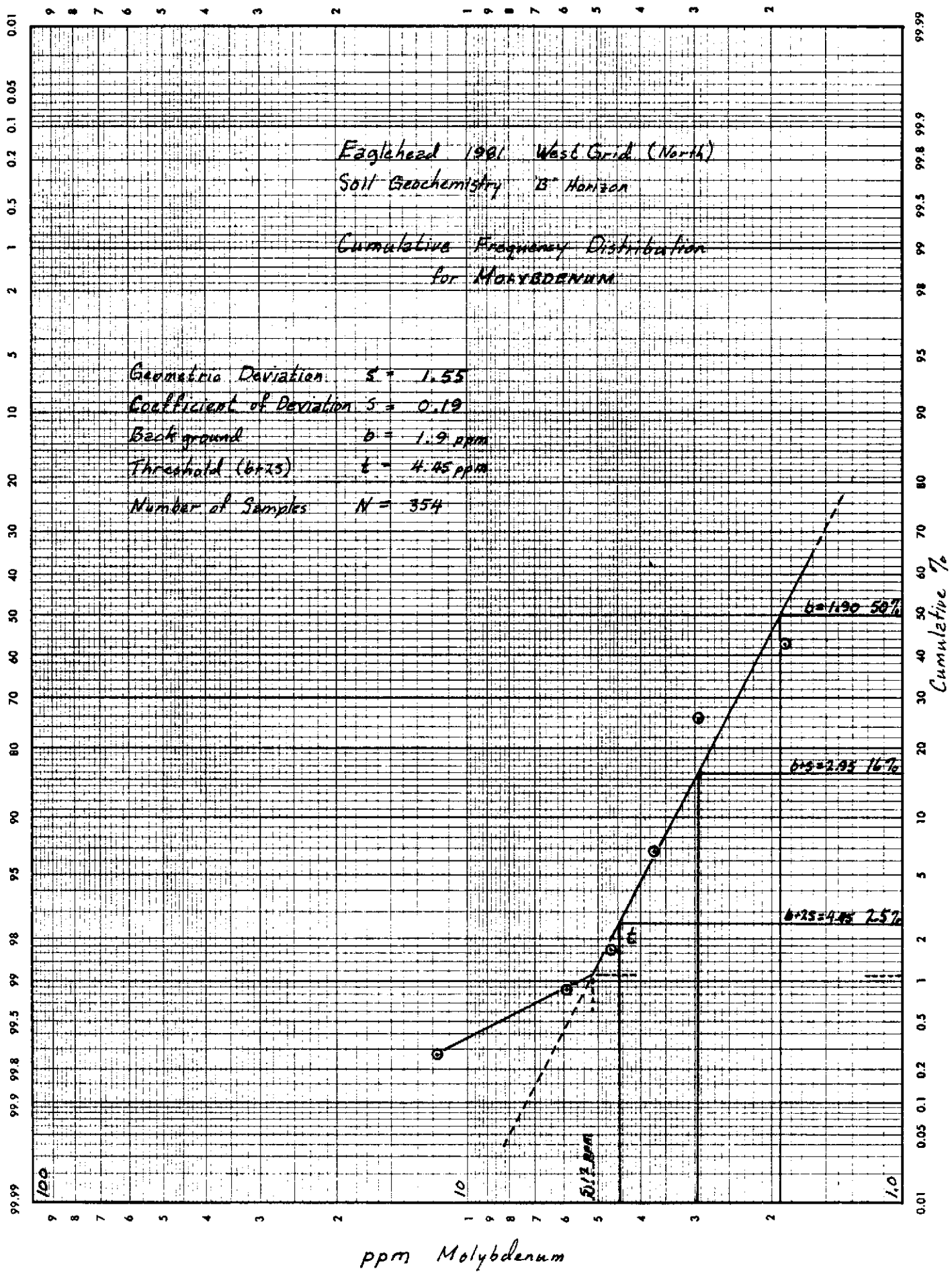


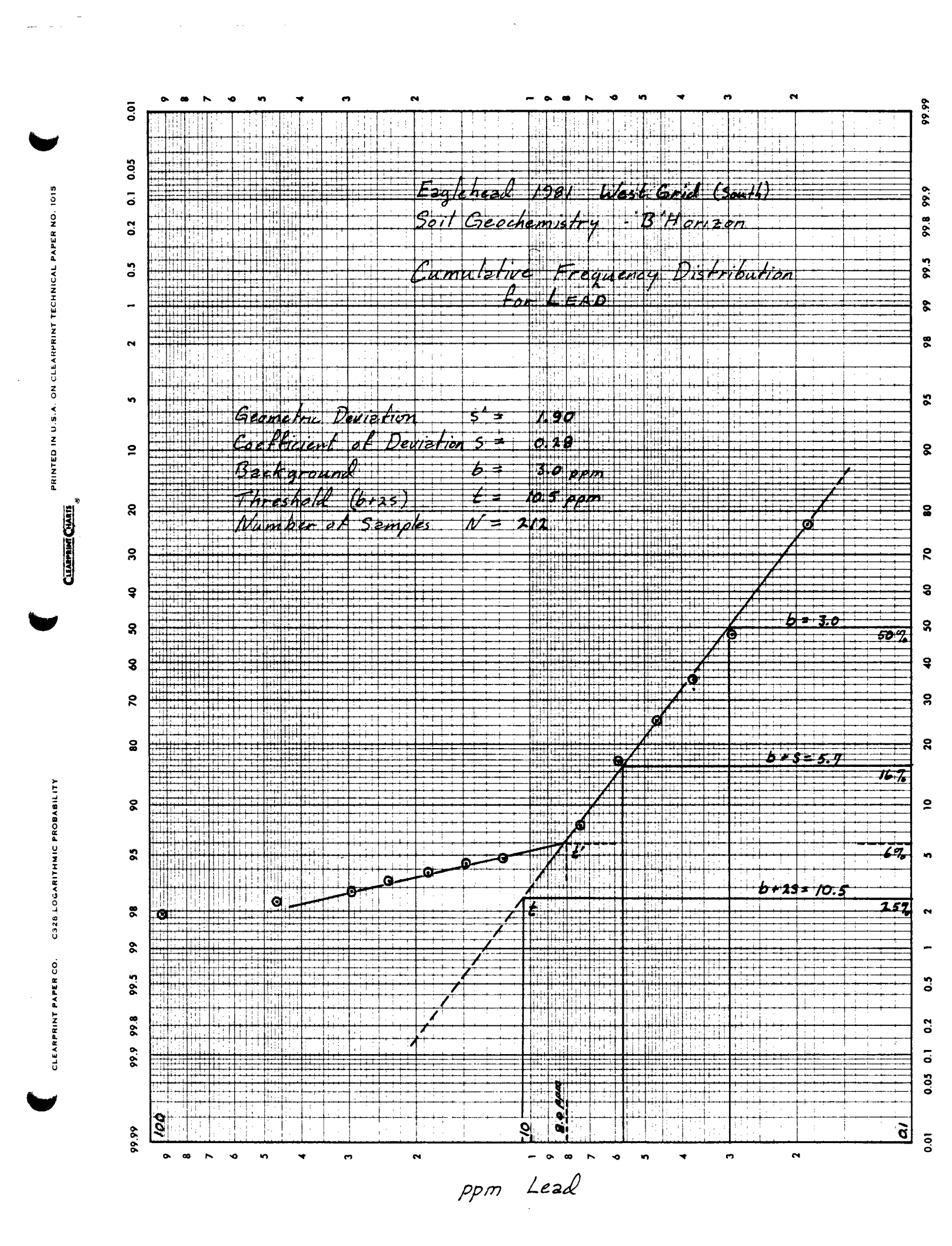


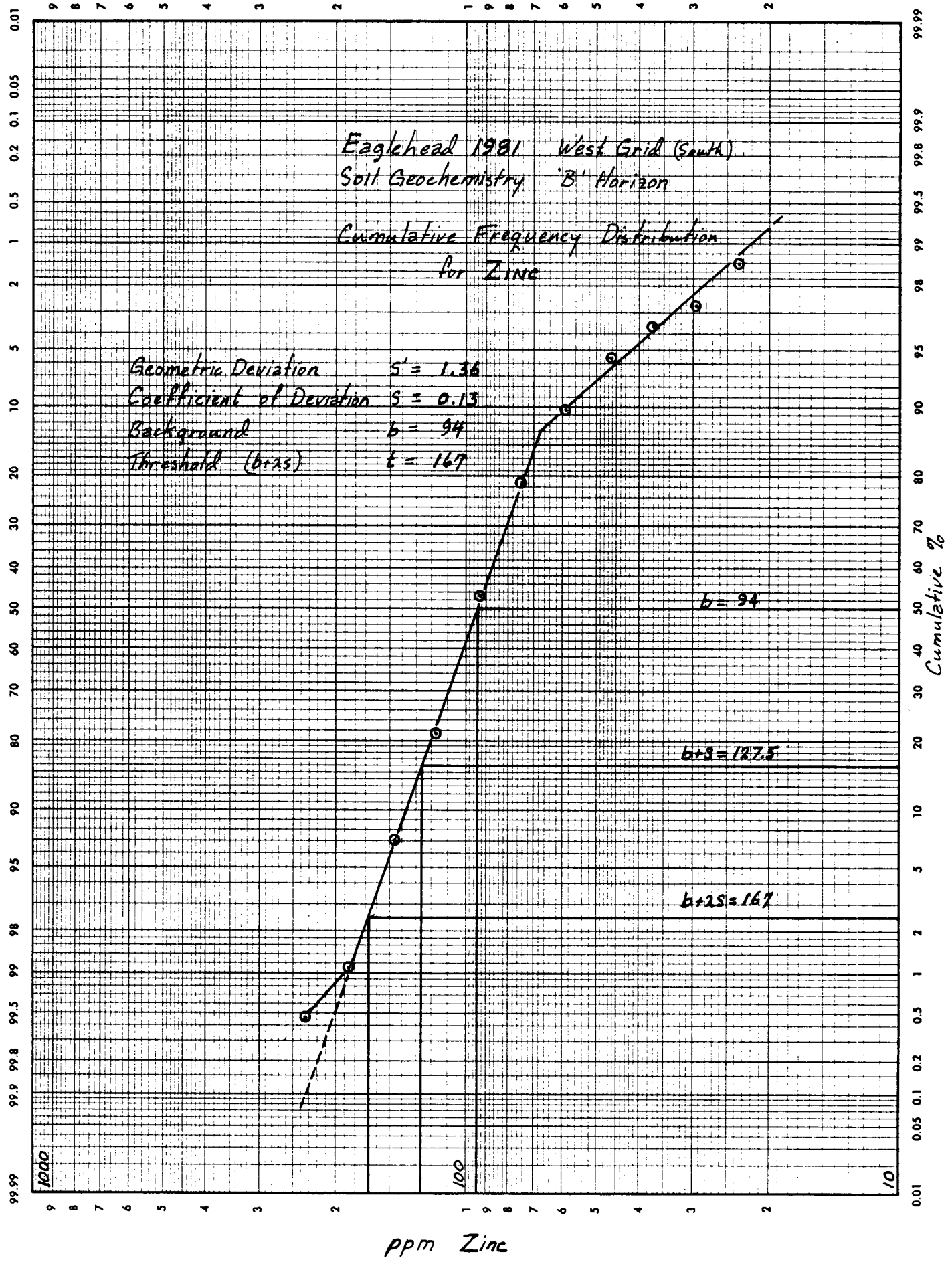

Eaglehead 1981 East Grid
Soil Geochemistry "B" Horizon
Cumulative Frequency Distribution
for Silver
Geometric Deviation s' = 2.53
Coefficient of Deviation s = 0.40
Back Ground b = 0.120 ppm
Threshold (b+2s) t = 0.80 ppm
Number of Samples N = 376
b+2s=0.325
b+2s=0.80
ppm Silver
Cumulative %
10.0
1.0
0.1
PRINTED IN U.S.A. ON CLEARPRINT TECHNICAL PAPER NO. 1015
CLEARPRINT PAPER CO. C32b LOGARITHMIC PROBABILITY

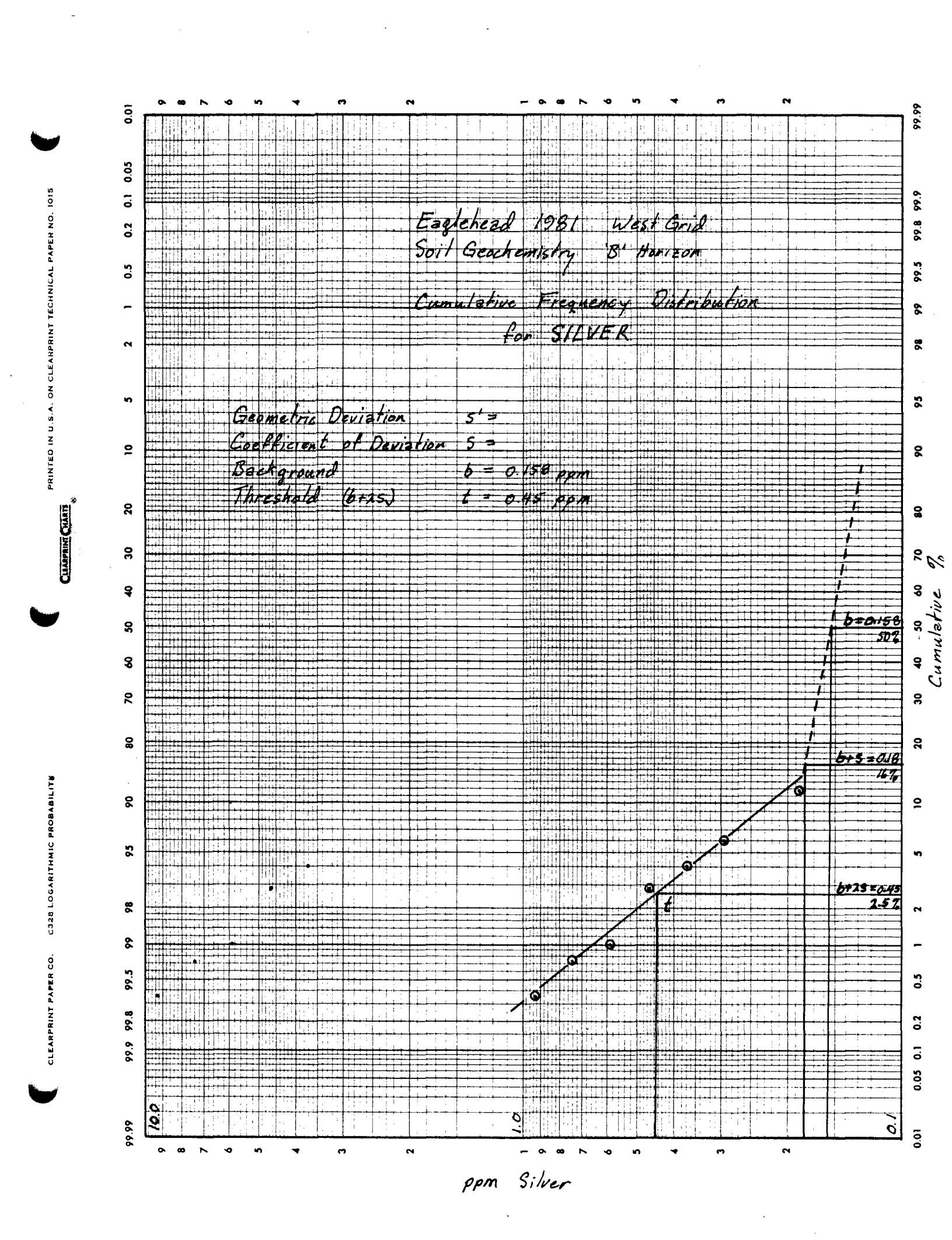

Eaglehead 1981 West Grid (North)
Soil Geochemistry - 'B' Horizon
Cumulative Frequency Distribution
for COPPER
Geometric Deviation s' = 1.95
Coefficient of Deviation s = 0.29
Background b = 35.5
Threshold (b+2s) t = 137.0
Effective Threshold t' = 58.0
Number of Samples N = 354
b=35.5 50%
b+s=69.5 16%
b+2s=137 2.5%
t'
t
58 ppm
ppm Copper
Cumulative %
1000
100
10
PRINTED IN U.S.A. ON CLEARPRINT TECHNICAL PAPER NO. 1015
CLEARPRINT CHARTS
CLEARPRINT PAPER CO. C328 LOGARITHMIC PROBABILITY






Eaglehead 1981 West Grid (South)
Soil Geochemistry - 'B' Horizon
Cumulative Frequency Distribution
for LEAD
Geometric Deviation s' = 1.90
Coefficient of Deviation s = 0.28
Background b = 3.0 ppm
Threshold (b+2s) t = 10.5 ppm
Number of Samples N = 212
b = 3.0
50%
b + s = 5.7
16%
b + 2s = 10.5
2%
t'
t
ppm Lead
CLEARPRINT PAPER CO. C328 LOGARITHMIC PROBABILITY
PRINTED IN U.S.A. ON CLEARPRINT TECHNICAL PAPER NO. 1015
CLEARPRINT CHARTS





APPENDIX II

GEOCHEMICAL AND ASSAY PROCEDURES

GEOCHEM PROCEDURES -

Cu, Mo, Pb, Zn & Ag:

1.0 gms of sample is digested with perchloric-nitric acid ($HcLO_4$-HNO_3) for approximately 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper, molybdenum, zinc and silver are determined by atomic absorption techniques.

Au: (PPB)
5 gm sample is ashed @ 800°C for one hour, digested with aqua regia - twice to dryness - taken up in 25% HCl, the gold then extracted as the bromide complex into MIBK and analyzed via A.A.

ASSAY PROCEDURES -

Cu, Mo, Pb, Zn:
Low ranges 2.0 gm sub-samples digested in perchloric and nitric acids, cooled, leached in water and nitric acid, transferred into volumetric flasks then analyzed against prepared standards by atomic absorption procedures.
Mineral standards supplied by CANMET are analyzed with each group of samples.
For high grade Cu, Mo, Pb, Zn - volumetric and gravimetric procedures are employed.

Ag & Au: (Oz/Ton)
Standard fire assay techniques are used for the assay of Silver and Gold in rocks and drill core.

APPENDIX III

DRILL LOGS AND ASSAY RESULTS

DRILL HOLE LOG

LOCATION:	96 + 00 E, 22 + 00 N 554.48 m N, 2894.60 m E
AZIM:	000° True
DIP:	-55°
ELEV:	1462 m 1,459.68 m
LENGTH:	286.2 m
CORE SIZE:	NQ to BQ at 61.0 M.
STARTED:	June 13, 1981
COMPLETED:	June 21, 1981
PURPOSE:	To test down dip extension from DDH 44.
CORE RECOVERY:	Avg. 84.8%; 1.7 m/run

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
12.8 m	57.0°		286.2 m	55.0°	
76.2 m	57.5°				
152.7m	55.5°				
228.6m	56.5°				

HOLE No.	49
PAGE NO.	1
PROPERTY:	Eaglehead
CLAIM NO:	Eagle 112
SECTION:	2895 m E
LOGGED BY:	D. A. Caulfield
DATE LOGGED:	June 16, 1981
DRILLING CO:	Caron D. Drilling -Whitehorse
ASSAYED BY:	Chemex Labs.Ltd., North Vancouver,B.C.

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne- Cu %	Mo %	Ag.g/t	Au.g/t
0	9.1	Overburden								
9.1	27.8	<u>Biotite Quartz Diorite - Medium Grained</u> Moderately fractured at Mod.core angles; fractures coated w/ CL . and or EP, Minor Aplite Stringers and Vein Qtz. Alteration varies throughout but normally weak. Consists of CL, K-Spar,Ser.,EP,CL ±.Hematite weak. 13.1-15.6 - Mottled due to K-Spar in 1-2 CM. envelope,								
		14.3-15.0 - Native Cu and Malachite . Possible Chalcocite.	57001 B	14.3	16.8	2.5	.13	<.001	.7	<.1
		15.6-24.0 - B.Q.D: Becomes Fresher down hole. some primary BI. Left in tact.	57002 B	16.8	19.5	2.7	.09	<.001	.7	<.1
		17.8- Mal.Poss. Neoticite 19.5- Poss. Native Cu. 21.5 Cuprite (?)	57003 B	19.5	22.6	3.1	.07	<.001	.3	<.1
		24.0 - 27.8- Alteration increase slightly	57004 B	22.6	23.9	1.3	<.01	<.001	.3	<.1
		24.0-25-3 - Bleached 25.3-27.8 - Intense Ser. Mod. Chl.	57005 B	23.9	24.4	.5	.36	<.001	1.4	<.1
27.8	40.2	BQDiorite - Zone of Moderate to Intense Fracturing. 29.3-35.1 Poor Core Recovery - <u>Fault Zone</u> Fe oxides and Remnant Sulphide Present.	57006 B	36.5	39.0	2.5	.04	<.001	.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 49	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne	Cu %	Mo %	Ag.g/t	Au.g/t	
40.2	57.6	Biotite Quartz Diorite: Moderately fractured and normally weakly altered. What alteration is present becomes less down hole.										
		40.2 - 45.4 - Aplitic Flooding (K-Spar) at 30°-50° Core angle/at 10 cm. intervals. Locally BQDi has Salmon pink colour	57007 B	43.0	45.9	2.9		.08	<.001	.7	<.1	
		45.4 - 47.0 - Strong Potassic Alt.n K-spar cut by later EP. CP w/Native Cu, Cuprite, Mal. Chalcocite.										
		47.0 - 51.2 - EP Alt.n locally mod. - Aplitic Flooding still present	57008 B	50.0	52.6	2.6		.12	<.001	.3	<.1	
		51.2 - 53.4 - Crushed Sheared Zone										
		- Fine Stringers/Diss. Native Cu CP, Chalcocite.	57009 B	52.6	53.4	.8		.63	.001	1.4	.2	
		53.4 - 57.6 - Mod. Ser. Alt.N Core Recovery only 50-60% Fracturing Moderate	57010 B	53.4	57.6	4.2		.03	<.001	.3	<.1	
57.6	58.1	GREY PORPHYRY - Dike, Dark Green, 20% (Biotite) and/or Hornblende) Phenocrysts in Aphanitic Groundmass.										
58.1	69.5	BIOTITE QUARTZ DIORITE: Basically fresh with only wea CL, KF, ALT.N. locally. 61.0-64.1 Accessory Mag. up to 3%. 64.1-66.0 BQDi Purple due to strong Hematite.										
69.5	71.2	GREY PORPHYRY Dike - sharp contracts on hanging footwall, but diffuse gradation to BQDi in center.										

DRILL HOLE LOG

LOCATION:		HOLE No. 49	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:	CLAIM NO:	
	CORE SIZE:	SECTION:	
STARTED:		LOGGED BY:	
COMPLETED:		DATE LOGGED:	
PURPOSE:		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FROM	TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo %	Ag.g/t	Au.g/t
71.2	88.4	BIOTITE QUARTZ DIORITE: Basically fresh with drab green colour. weak pervasive Alt.n includes KF,Ser,CL.with only local areas of Epidote. Fracture density normally weak. 80.0 - 86.0 - Mod.CL. Alt.n. 80.4 - 83.0 - Strong Ser. Alt.n								
88.4	94.0	BIOTITE QUARTZ DIORITE: well altered. Mod to intense CL, Ser. Little K-Spar. Minor Sulphides. Carbonate rich fracture/possible Zeolite	57011 B	94.8	96.6	1.8	0.5	.002	.3	<.1
			57012 B	96.2	98.2	2.0	.33	.001	.3	<.1
94.0	113.0	BIOTITE QUARTZ DIORITE - as above section but weak KF Alt.n more pervasive.	57013 B	98.2	101.0	2.8	.07	<.001	.3	<.1
		Fracturing locally Mod/overall increase in sulphide content. /Fracturing at 40°-50°	57014 B	107.3	110.4	3.1	.14	.001	1.4	<.1
		Broad zones of intense Ser.	57015 B	110.4	113.1	2.7	.14	.001	1.4	.1
		108-110.4 strong hematization.								
113.0	137.0	BIOTITE QUARTZ DIORITE: very well altered section, described locally as Potassic or Chlori-Potassic Core. Rock has deep salmon red colour, fracturing mod. to intense creating crushed appearance.	57016 B	113.1	116.2	3.1	.48	.003	1.4	<.1
			57017 B	116.2	118.1	1.9	1.07	.018	1.4	<.1
			57018 B	118.1	120.8	2.7	.08	.001	.7	<.1
		KF/Ser.Alt.n Mod - intense; EP locally weak								
		Hermatite normally weak. Avg.core angles of fracture 30°-45°. Sulphide content ranging 1% - 3%.	57019 B	120.8	123.5	2.7	.08	<.001	.3	.1
			57020 B	123.5	125.4	1.9	.24	.003	.7	<.1
		116.5 - 17.25 sulphides 3 - 10%	57021 B	125.4	128.8	3.4	.25	.002	.7	<.1
		Visible Mo on fractures	57022 B	128.8	132.0	3.2	.90	.006	7.5	<.1
		CP: Bo. Mo although at 128-135 Bo>CP	57023 B	132.0	133.5	1.5	.31	.002	.3	<.1
			57024 B	133.5	135.3	1.8	.44	.001	1.7	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 49	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo%	Ag.g/t	Au.g/t
137.0	144.0	BIOTITE QUARTZ DIORITE: FRESH Medium grained 10% Bi 10% Qtz.Phenocrysts up to 6 mm. Alteration weak but EP present 138.5 - CP on fractures 140.25 - CP/Bo	57025 B	135.3	139.4	4.1	.31	<.001	.7	<.1
			57026 B	139.4	144.5	5.1	.81	.002	.7	<.1
144.0	180.9	BIOTITE QUARTZ DIORITE: variably altered but generally moderate to intense K-Feldspar, Sericite and Chlorite . Epidote fracturing mod to intense. Free Quartz more abundant.	57027 B	144.5	146.9	2.4	.06	<.001	.3	<.1
			57028 B	146.9	150.7	3.8	.23	.001	.7	<.1
			57029 B	150.7	152.8	2.1	.72	.012	2.7	.3
		144-149.5 - Assoc. of CL with Sulphides 147 - Good CP with Qtz.,CA & CL. 149.5-155.6 - Local strong silicification & carbonate alteration. Fracturing intense throughout	57030 B	152.8	154.0	1.2	.07	.001	.3	<.1
			57031 B	154.0	155.6	1.6	.65	.002	.7	<.1
		155.6-157.0-Vein 1-3 cm with CP, Bo parallel to core axis.	57032 B	155.6	156.7	1.1	4.95	.012	20.6	<.1
			57033 B	156.7	158.8	2.1	.61	.016	3.4	<.1
		157-160- Chlori-Potassic core, only Qtz.grains distinquishable. 160-162 - C Y Alt.n present-overall Alt.n slightly weaker.	57034 B	158.8	160.4	1.6	.21	.016	3.4	<.1
			57035 B	160.4	162.3	1.9	.09	.001	.3	<.1
		162-171.7 - Alt.n mod KF, Ser, CL intense KF envelopes give candy strip appearance. CP Bo Mo	57036 B	162.3	165.3	3.0	.30	.001	.3	<.1
		171.7-175.3-KF Alt.n variable weak-mod. Propylitic Alt.n - EP present. Bo CP - weak fractoring 172-175.25	57037 B	165.3	168.3	3.0	.33	.005	3.4	<.1
			57038 B	168.3	171.3	3.0	.60	.004	4.8	.1
			57039 B	171.3	176.0	4.7	.20	<.001	1.4	.3

DRILL HOLE LOG

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No. 49 PAGE NO. 5

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo %	Ag.g/t	Au.g/t
		(cont'd)								
144.0	180.9	175.3 - 180.9 - Mod. Alt.n - Two stages KF both post sericitization. Increased Sulphides/locally 1-3%, Qtz.grains noticable against mottled green BQDi fracturing mod. 30 - 50°	57040 B	176	178	2	.30	.001	2.7	< .1
			57041 B	178	181	3	.08	.002	1.7	< .1
180.9	191.2	BIOTITE QUARTZ DIORITE: As above except overall alteration less intense. overall sulphides less 1% Mod KF, Ser, CL, Weak EP, Cy.	57042 B	181	184.5	3.5	.03	< 001	.7	< .1
			57043 B	184.5	186.9	2.4	.61	< .001	2.1	< .1
191.2	215.2	BIOTITE QUARTZ DIORITE: well altered. Ser.very intense and pervasive. 198° - 200.6 -Silicified/ crushed . Locally 1-3% sulphides. Strong Assoc. with CL. fracturing mod - intense 202.5-207.0 - weak Cy Alt.n & KF- Minor EP. Normally 1% Sulphide except at 204.5 where fractures parallel to core give 1 - 3% 207.0 - 210 - intense KF 210 - 212.3 -decrease in KF, abundant CA on fractures, slickensides 212.3 - 215.2 - well fractured and mineralized strong silifications.	57044 B	186.9	191.2	4.3	.02	< 001	.3	< .1
			57045 B	191.2	194.5	3.3	.11	< 001	.3	< .1
			57046 B	194.5	197.5	3.0	.06	< .001	.3	< .1
			57047 B	197.5	201.2	3.7	.53	.007	3.4	.1
			57048 B	201.2	203.2	2	.09	< .001	.3	< .1
			57049 B	203.2	204.5	1.3	.95	.013	6.9	.1
			57050 B	204.5	207.0	2.5	.06	< .001	.7	< .1
			57051 B	207.0	210.0	3.0	.33	.002	1.4	.1
			57052 B	210.0	212.3	2.3	.03	< .001	.3	< .1
			57053 B	212.3	215.2	2.9	.26	.013	1.4	< .1
			57054 B	215.2	217.5	2.3	.02	.001	.7	< .1
			57055 B	217.5	219.7	2.2	.09	.005	.7	< .1
215.2	231	BIOTITE QUARTZ DIORITE: Obvious decrease in Alt.n intensity and sulphide content. KF, Ser,CL weak, also EP weak. Decrease in sulphides. only traces CP normally Fracturing weaker. Propylitic Alt.n.	57056 B	219.7	221.7	2.0	.02	.001	.3	1.2
			57487 B	221.7	224.3	2.6	< .01	< 001	< .3	< .1
			57057 B	224.3	225.9	1.6	.12	< .001	2.7	.7
			57488 B	225.9	228.2	2.3	.02	< 001	.3	.1
			57489 B	228.2	230.6	2.4	< .01	< 001	.3	.1

DRILL HOLE LOG

LOCATION:		HOLE No. 49	PAGE NO. 6
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo %	Ag.g/t	Au.g/t
231	236.4	BIOTITE QUARTZ DIORITE: Zone of Mod.-intense KF	57058 B	230.6	232.3	1.7	.05	.002	1.4	.2
		CL Alt.n EP absent - salmon pink crushed appearance, Aplite present. Slight sulphide increase.	57059 B	232.3	235.1	2.8	.09	.002	2.7	2.1
			57060 B	235.1	238.5	3.4	.17	<.001	.7	<.1
236.4	274.0	BIOTITE QUARTZ DIORITE: Alt.n variable but normally weak to locally moderate CY & EP local and not pervasive; KF,Ser, CL more pervasive. only minor sulphides. Fracture intensity weak to locally mod.	57074 B	238.5	240.9	2.4	.04	<.001	.3	1.5
			57061 B	240.9	242.6	1.7	.09	<.001	2.0	.7
			57490 B	242.6	246.8	4.2	<.01	<.001	.3	.1
		252.5 - 253.8 - vein parallel to core. CP.	57062 B	246.8	248.8	2	.21	.001	.3	1.5
			57063 B	248.8	252.0	3.2	.05	<.001	.3	<.1
			57064 B	252.0	253.8	1.8	.54	<.001	2.7	1.2
			57065 B	253.8	257.1	3.3	.09	<.001	6.2	6.9
		261.8-269.3 - weak formation at 50° Core angle. reflected by discret grains of magnetite. Weak propylitic Alt.n throughout	57066 B	257.1	258.3	1.2	.12	<.001	4.8	.7
			57491 B	258.3	260.5	2.0	.02	<.001	<.3	<.1
			57492 B	260.3	262.3	2.0	.18	<.001	.3	<.1
			57493 B	262.3	264.7	2.4	.03	<.001	<.3	<.1
274.0	284.9	BIOTITE QUARTZ DIORITE: Mod. intense Alt.n intense Sericite and local CL. EP absent K.F weak Fracturing weak - minor sulphides	57067 B	277.6	278.5	.9	.25	.001	1.4	<.1
			57068 B	278.5	281.0	2.5	.04	.001	1.4	<.1
284.9	286.4	FRESH BIOTITE QUARTZ DIORITE								
		END OF HOLE								

DRILL HOLE LOG

LOCATION:	526.34 m N, 3104.33 m E	HOLE No.	PAGE NO.
		50	1
AZIM:	000° True	ELEV:	1,448.71 m
DIP:	-55°	LENGTH:	451.1 m
		CORE SIZE:	B.Q.
STARTED:	June 22, 1981		
COMPLETED:	July 4, 1981		
PURPOSE:	To test down dip extension from hole 42		
CORE RECOVERY:	Avg. 91.9%; 1.2 m/ run		

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
12.8 m		-57.0°	384.0 m		-45.5°
78.3 m		-55.0°	450.8 m		-40.5°
152.4 m		-54.0°			
229.2 m		-52.0°			
305.4 m		-49.5°			

PROPERTY:	Eaglehead
CLAIM NO:	Eagle 112/121
SECTION:	3105 m E
LOGGED BY:	D. A. Caulfield
DATE LOGGED:	July 1981
DRILLING CO:	Caron D.Drilling, Whitehorse
ASSAYED BY:	Chemex Labs Ltd. North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo%	Ag.g/t	Au.g/t
0	16.9	Overburden:								
16.9	26.5	BIOTITE QUARTZ DIORITE: weakly to Mod.altered KF,SER,CL normally weak, EP very minor	57069 B	16.9	18.9	2.0	.35	<.001	3.8	.4
		20.8 - 26.5 - Kaolinitic envelopes of alt.d plagioclase. Qtz. KF envelopes - Qtz. core reduced to BQ @ 23.5	57070 B	18.9	20.9	2.0	.07	<.001	1.0	.3
		17.5 Mal. CP Native Cu. covellite coatings on CP	57071 B	20.9	22.7	1.8	.07	<.001	.3	<.1
		Traces sulphide throughout section	57072 B	22.7 23.7	23.7 26.5	1. 2.8	.05	.002	.3	<.1
26.5	28.4	BIOTITE QUARTZ DIORITE: Zone of increase KF and silicification.		26.5	31.2	4.7				
		31.0 - 31.4 - Strong CP mineralization 31.4 - 34.2 - high % Py	57073 B	31.2	34.2	3	.33	.003	2.7	<.1
34.2	48.9	CROWDED FELDSPAR PORPHYRY: Light gray intruded at 45°. Foliation of plagioclase at 45° Morgins chilled grey green ephonitic groundmass. KF, SER, CR alteration weak. Weak to mod. fractioning	57075 B	34.2	37.5	3.3	.13	<.001	1.4	<.1
			57076 B	37.5	40.0	2.5	.36	<.001	.7	<.1
			57077 B	40.0	41.2	1.2	.21	<.001	1.4	<.1
			57078 B	43.2	47.2	4.0	.17	<.001	.3	<.1
		39.5 - 40.0 - shear zone. overall .1% Py as primary grains and replacement of mafics, also on fractures.								
48.9	60.1	BIOTITE QUARTZ DIORITE: weakly altered, foliated 45 - 50°. Minor PY, Tr. CP.	57079 B	54.0 58.3	58.3 64.5	4.3 6.2	.04	<.001	2.0	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 50	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo %	Ag.g/t	Au.g/t
60.1	68.0	BIOTITE QUARTZ DIORITE: Fresh	57080 B	64.5	68.0	3.5	.06	<.001	2.7	<.1
68.0	110.0	BIOTITE QUARTZ DIORITE: Moderately altered								
		68.0 - 75.0 - dark green and pink Pervasive SER. with KF, EP, CL envelopes give candy stripe colouration	57081 B	68.0	72.0	4	.05	<.001	3.4	<.1
			57082 B	72.0	75.0	3	.07	.002	1.4	<.1
		75.0 - 80·0 - foliated.Speckled core due to strong CL	57083 B	95.8	97.3	1.5	.06	.002	.7	<.1
		80 - 88.7 - Propylitic alt.n								
		84.6 - 85.9 - Qtz./KF veins spaced 2.5 cm apart at 35°-55°.	57084 B	97.3	98.7	1.4	.05	.003	1.4	<.1
		88.7 - 90.6 - alt.n weak. Core has crushed and mottled appearance.	57085 B	98.7	100.1	1.4	.06	.005	2.0	<.1
		90.0 - 91.2 - Core highly broken	57086 B	100.1	103.6	3.5	.05	.001	2.0	<.1
		Weak sulphides throughout section. Trace CP	57087 B	103.6	104.8	1.2	.11	.002	1.4	<.1
110.0	114.2	BIOTITE QUARTZ DIORITE: Intensely altered with strong KF mod CL, SER. EP absent.Fracturing intense. Strong mineralization CP, Mo, No Bornite	57088 B	104.8	107.7	2.9	.21	.005	2.7	<.1
			57089 B	107.7	110.0	2.3	.13	.003	4.1	<.1
			57090 B	110.0	112.2	2.2	4.08	.048	5.5	<.1
114.2	123.2	BIOTITE QUARTZ DIORITE: Drab green colour Foliation at 50°. Mod. SER. Aplite locally Tr. sulphides	57091 B	112.2	114.2	2	.23	.002	.3	<.1
			57092 B	114.2	116.7	2.5	.03	.008	11.0	<.1
			57093 B	116.7	119.6	2.9	.01	.001	.7	.3

DRILL HOLE LOG

LOCATION:		HOLE No. 50	PAGE NO. 3
AZIM	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo %	Ag. g/t	Au. g/t
123.2	178.7	BIOTITE QUARTZ DIORITE: fresh to weakly altered. mainly propylitic alt.n. Very minor sulphides - PY, KF, Qtz. envelopes infrequent. Fracturing weak to locally mod. 127.8 - 4 cm - CROWDED FELDSPAR PORPHYRY: Dike 174.9 - 175.4 ½ m CROWDED FELDSPAR PORPHYRY Dike at 45° Entire Section has foliation at 40-50°.								
178.7	185.5	GREY PORPHYRY Dike. Dark gray matrix 40% plagioclase phenocrysts up to .5 cm; CP mineralization with KF and Qtz, Probably Quartz Diorite in composition. 184.4 - 184.8 Fault zone	57094 B	178.1	182.0	3.9	.07	<.001	.7	<.1
			57095 B	182.0	185.5	3.5	.09	<.001	.7	
			57096 B	185.5	188.8	3.3	.03	<.001	.3	
185.5	192.7	BIOTITE QUARTZ DIORITE: Moderately altered. SER. alt.n strongest with pervasive KF. CP,PY along fractures and as replacement of matics	57097 B	194.0	197.1	3.1	.25	.001	1.4	
			57098 B	197.1	200.2	3.1	.17	<.001	2.1	<.1
			57099 B	200.2	201.9	1.7	.59	.007	7.5	<.1
192.7	209.3	CROWDED FELDSPAR PORPHYRY: Light to dark green matrix mainly KF and Qtz, Phenocrysts plagioclase up to 40% of rock. well altered, sheared and crushed mineralization includes Mo, Bo, CP and Py probably QUARTZ MONZITE or GRANITE comp..	57100 B	201.9	204.3	2.4	.26	.004	.3	<.1
			57101 B	204.3	206.5	2.2	3.85	.003	18.5	1.4
			57102 B	206.5	209.4	2.9	.48	.001	8.2	.2

DRILL HOLE LOG

HOLE No. 50 | PAGE NO. 4

LOCATION:
AZIM.: ELEV:
DIP: LENGTH:
CORE SIZE:
STARTED:
COMPLETED:
PURPOSE:
CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:
CLAIM NO:
SECTION:
LOGGED BY:
DATE LOGGED:
DRILLING CO:
ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne	Cu %	Mo %	Ag g/t	Au g/t
209.3	217.1	BIOTITE QUARTZ DIORITE: Mod. altered. plag. well sericitized with foliation at 50°. Aplite present Minor sulphides 215.3 - 216.9 - fracturing parallel to core axis.	57103 B	209.4	212.0	2.6		.12	<.001	1.4	.2
			57104 B	212.0	215.3	3.3		.02	<.001	.7	<.1
217.1	239.4	BIOTITE QUARTZ DIORITE: Weakly altered. KF,SER, EP, CL. pervasive. Weak foliation. Fracturing weak. Abundant intrusions of aplite, from 2 cm to 20 cm wide. Aplite observed to be cut by KF and EP fractures. tr, PY.									
239.4	241.8	GREY PORPHYRY: Dike. Dark green matrix. Phenocrysts up to 30% of rock.	57105 B	238.8	241.8	3.0		.04	.001	1.0	<.1
241.8	264.7	BIOTITE QUARTZ DIORITE: Variably altered but normally of mod. intensity. Fracturing weak to mod. 241.8 - 245.2 - SER altered 245.2 - 246.7 - KF altered 246.7 - 250.0 - weakly altered, Propylitic 250.0 - 252.5 - Mod. SER and KF -Candy striped. 252.5 - 254.7 - Strong SER 254.7 - 257.0 - KF & SER. Minor CY Traces sulphides throughout the section. Mainly PY with increases in CP in areas of increased KF.	57106	241.8	244.0	2.2		.05	<.001	.7	
			57107	244.0	246.0	2		.02	<.001	.7	
			57108	246.0	247.3	1.3		.11	.004	1.0	
			57109 B	247.3	249.8	2.5		.02	.001	.7	
			57110 B	263.0	264.7	1.7		.08	.001	1.4	

DRILL HOLE LOG

LOCATION:		HOLE No. 50	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo%	Ag.g/t	Au.g/t
264.7	276.3	BIOTITE QUARTZ DIORITE: Weakly altered except 264.7 - 266.3 with KF. Has weak pervasive propylitic alt.n.		264.7	276.3	11.6				
276.3	291.1	BIOTITE QUARTZ DIORITE: Variably altered Weak to intense. Fracturing mod to intense.	57111 B	276.3	279.7	3.4	.08	.003	.7	<.1
		276.3 - 282.7 - Strongly Sericitized BO,CP,PY in SER.zone	57112 B	279.7	281.2	1.5	.06	<.001	.7	<.1
		287.7 - 288.8 - Weakly altered	57113 B	281.2	282.7	1.5	.07	<.001	1.7	.2
		284.0 - Breccia of BQDI and aplite.	57114 B	282.7	285.0	2.3	.01	.001	.7	<.1
		288.8 - 291.1 - intense KF altered. Fracturing intense with CP	57115 B	285.0	288.0	3.0	.02	.001	.7	
291.1	309.0	BIOTITE QUARTZ DIORITE: Basically Propytitic alt.n.	57116 B	288.0	291.1	3.1	.41	.001	1.4	
		298.3 - Aplite flooding	57117 B	291.1	293.1	2.0	.07	.002	1.4	
		303.8 - Strong CP mineralization with intense KF envelopes.	57118 B	303.2	305.7	3.7	.21	.002	2.7	<.1
		306.1 - 308.4 - Several narrow aplite dikes.								
309.0	316.4	BIOTITE QUARTZ DIORITE: mod. to intensely altered. KF and SER. EP absent. Fracturing mod. to strong.	57119 B	312.7	316.4	3.7	.04	.008	1.0	<.1
		315.5 - MG and HE rich Qtz. vein.								
		Minor sulphides, tr. Mo.								

DRILL HOLE LOG

LOCATION:		HOLE No. 50	PAGE NO. 6
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu%	Mo%	Ag.g/t	Au.g/t
316.4	318.1	CROWDED FELDSPAR PORPHYRY: Plag.phenocrysts in dark green matrix. Good CP association along contact between C.F.P. and BQDi.	57120 B	316.4	318.1	1.7	.04	.003	1.4	<.1
			57121 B	318.1	319.9	1.8	.51	.004	2.0	<.1
318.1	325.0	BIOTITE QUARTZ DIORITE: Mod. altered sections of intense KF and Silicification. Salmon pink colour.	57122 B	319.9	322.0	2.1	.11	.008	1.4	<.1
		318.9 - 8 cm. qtz.vein with CP	27123 B	322.0	324.2	2.2	.30	.011	2.0	<.1
		319 - fractures with CP parallel to core axis/	27124 B	324.2	326.5	2.3	.77	.013	10.3	<.1
		Mineralized throughout - Bo with CP and Mo on fractures and as replacement of mafics.								
325.0	334.3	CROWDED FELDSPAR PORPHYRY: Dike	57125 B	326.5	330.4	3.9	.14	<.001	2.0	<.1
		Plagioclase phenocrysts 50% - up to 8 mm long	57126 B	330.4	334.0	4.0	.07	<.001	1.7	<.1
		Shearing throughout at 45°. Strong mineralization with intense KF	57127 B	334.0	336.7	2.7	.31	.010	0.7	<.1
		Bo. CP. Mo	57128 B	336.7	339.1	2.4	.05	<.001	1.4	<.1
		330.1 - 334.3 - alteration less intense	57129 B	339.1	340.7	1.6	.17	.014	1.7	<.1
334.3	347.6	BIOTITE QUARTZ DIORITE: Mod. to well altered - Alteration variable but has local sections of intense KF, SER.	57130 B	340.7	344.0	3.3	.07	<.001	1.4	<.1
			57131 B	344.0	346.8	2.8	.18	<.001	1.7	0.2
		Fracturing mod. Sheared crushed appearance	57132 B	346.8	348.6	1.8	.20	.002	3.4	<.1
		345.6 - 346.8 - Kaolinized plagioclase. Minor sulphides.								
347.6	360.3	CROWDED FELDSPAR PORPHYRY: Dike	57133 B	348.6	352.3	3.7	.13	.001	1.4	<.1
		Very well altered and mineralized	57134 B	352.3	353.5	1.2	.43	.038	1.4	<.1
		352.5 - 353.1 - extremely crushed	57135 B	353.5	356.5	3.0	.06	.002	1.4	0.2
			57136 B	356.5	358.6	2.1	.24	.003	0.7	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 5 0	PAGE NO. 7
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne Cu %	Mo %	Ag.g/t	Au.g/t
347.6	360.3	(cont'd) Dike is compositionally close to BQDi. Foliation at 50° to core axis.	57137 B	358.6	360.2	1.6	.01	<.001	0.7	<.1
360.3	394.7	BIOTITE QUARTZ DIORITE: Variably altered but normally weak and propylitized. Mineralization normally weak. Hematite throughout 369.7 - 373.3 - intensely altered with KF, QTZ. Salmon Pink colour, CP, Mo on fractures at 0° and 30° - 45° to core axis. 381.1 - 381.9 - fresh, hexagonal books BI unaltered	57138 B	360.2	362.3	2.1	.06	.001	1.0	<.1
			57139	369.7	371.2	1.5	.35	.010	2.0	
			57140 B	371.2	372.9	1.7	1.64	.016	4.8	
			57141 B	372.9	375.8	2.9	.07	.001	0.7	
			57142 B	375.8	378.8	3.0	.18	<.001	1.4	
394.7	404.6	CROWDED FELDSPAR PORPHYRY: Dike - dark green Phenocrysts of Qz., Plagioclase, BI 6 mm long 400.0 - 404.8 - Strong SER, light brownish green coloured	57143 B	402.3	404.8	2.5	.03	<.001	4.8	.1
404.6	451.1	BIOTITE QUARTZ DIORITE: Mod. to locally well altered.SER alt.n mod. to strong, pervasive; KF weak to locally mod.. CL mod. to strong.Mod. to strong Hemitite locally. 404.6 - 432.8 - Sheared and crushed, slickensides on fractures. Shearing from 20°-50°. Bo, CP, Mo throughout 420.0 - 426.0 - Core striped with KF envelopes and zones.	57144 B	404.8	407.6	2.8	.64	.009	8.2	.2
			57145 B	407.6	411.0	3.4	.08	<.001	.3	<.1
			57146 B	411.0	412.4	1.4	.16	.001	3.4	<.1
			57147 B	412.4	414.3	1.9	.16	.002	6.1	<.1
			57148 B	414.3	416.9	2.6	.36	.024	3.4	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 50	PAGE NO. 8
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = tonne	Cu %	Mo%	Ag.g/t	Au.g/t
404.6	451.1	(cont'd)	57149 B	416.9	420.0	3.1		.14	.004	5.4	<.1
		436.4 - 438.9 - CROWDED FELDSPAR PORPHYRY	57140 B	420.0	423.0	3.0		.11	.004	.6	<.1
		Extremely crushed at 438.6	57151 B	423.0	426.1	3.1		.12	.005	.6	.1
			57152 B	426.1	429.1	3.0		.23	.013	4.7	.1
		438.9-451.1 - Sheared - well fractured	57153 B	429.1	431.9	2.8		.03	<.001	2.7	<.1
		30°-50° Mag. and or	57154 B	431.9	434.3	2.4		.07	.001	4.4	<.1
		Hematite strong - locally	57155 B	434.3	436.4	2.1		.21	.012	4.1	.1
		mottled colour	57156 B	436.4	440.4	4.0		.10	.001	2.0	<.1
		443 - 450.2 - Intense SER.	57157 B	440.4	443.4	3.0		.07	.001	5.4	<.1
		445.9 - 10 cm Magnitite with Qtz.CP,Bo	57158 B	443.4	446.5	3.1		.20	.004	.3	<.1
			57159 B								
		449.8 - veins of Qtz, CA at 30°, 70°, 90°	57160 B	446.5	449.6	3.1		.09	.006	.3	<.1
		minor Mo.		449.6	451.1	1.5		.06	.010	<.3	<.1

DRILL HOLE LOG

LOCATION:	422.17 mN, 2,893.45 m E
AZIM:	000° True
DIP:	-60°
ELEV:	1,467.28 m
LENGTH:	431.9 m
CORE SIZE:	B.Q.
STARTED:	July 5, 1981
COMPLETED:	July 15, 1981
PURPOSE:	To test down dip extension of mineralization from Hole 49
CORE RECOVERY:	Avg. 94.1%; 1.4 m/ run

HOLE No. 51 | PAGE NO. 1

PROPERTY: Eaglehead

CLAIM NO: Eagle 112

SECTION: 2895.m E

LOGGED BY: D.A. Caulfield

DATE LOGGED: July 1981

DRILLING CO: Caron D.Drilling - Whitehorse

ASSAYED BY: Chemex Labs, North Vancouver

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
19.5 m		-60.5°	381.0 m		52.5°
76.2 m		-60.5°			
156.0 m		-57.5°			
228.6 m		-56.5°			
305.0 m		-54.5°			

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
0	17.5	Overburden								
17.5	45.0	BIOTITE QUARTZ DIORITE- Normally weakly altered. KF, Ser., EP, CL	57161 B	25.9	28.4	2.5	.30	<.001	<.3	<.1
		Rock medium grained with Phenocrysts of Qtz.,BI up to 6 cm. Qtz.10% BI 5%	57162 B	28.4	29.8	1.4	.02	<.001	2.0	<.1
		Locally drab green due to Sericite. BI altered to CL, Py./Feld. altered to Ser. Core Angles of fractures 30°-50° fracturing weak to mod.Sulphides Py (Tr.Cy) 1%.	57163 B	42.4	45.1	2.7	.21	.002	4.7	<.1
45.0	54.2	CROWDED FELDSPAR PORPHYRY - light grey Aphanitic matrix with Plac.Qtz. and Biotite Phenocrysts.	57164 B	45.1	47.6	2.5	<.01	.011	<.3	<.1
		Footwall contact at 54° -chilled contacts	57165 B	54.2	57.0	2.8	.03	.003	5.3	<.1
54.2	86.0	BIOTITE QUARTZ DIORITE Generally weakly altered KF, Ser,CL. pervasive CY absent, EP erratic.	57166 B	59.3	61.0	1.7	<.01	<.001	<.3	<.1
		facturing weak to mod.	57167 B	61.0	63.4	2.4	.39	.001	.8	<.1
		61.3 - 63.4 - Silicified, CP assoc.with CA and CL fractures.	57168 B	63.4	66.5	3.1	.06	<.001	<.3	
		63.4 - 71.4 - Ser, and KF evelopes Zonation of Ser. around KF. envelopes.	57169 B	66.5	70.0	2.5	.03	<.001	<.3	
		65.3 - Muscovite Alt.n	57170 B	70.0	72.0	2.0	.47	.002	1.0	<.1
		66.6 - 10 cm Aplite at 35°								
		73.1 - 86.0 - Mainly Propylitic Alt.n.	57171 B	72.0	73.8	1.8	.03	<.001	<.3	<.1
		76.5 - EP. and HE at 45° cuts through Ser. envelopes.								
		83.9 2 cm Gouge.								

DRILL HOLE LOG

LOCATION:		HOLE No. 51	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu%	Mo %	Ag.g/t	Au.g/t
86.0	95.4	BIOTITE QUARTZ DIORITE Moderately altered increased KF, CL, Alt.n Fracturing locally intense. Core angles 30°-50° Sulphide increase 1% but locally 1-3% EP absent 87.5 - 92.0 89.4 - Mo seam at 45° 91.75 - Brecciated Seam	57172 B	86.0	88.0	2.0	.11	<.001	<.3	<.1
			57173 B	88.0	90.6	2.6	.93	.001	1.7	<.1
			57174 B	90.6	92.5	1.9	.21	<.001	.8	<.1
			57175 B	92.5	95.4	2.9	.14	.002	.5	
95.4	118.1	BIOTITE QUARTZ DIORITE -very weak but pervasive KF, Ser.EP, CL Alt.n -fracturing weak 95.4 - 104.5 - Minor Qtz. veining. 104.5 - 109.9 - KF Alt.n appears as light orange bands. KF commonly 40°-50°. to core. 109.9-111.7 - Sulphide Gouge at 45° to core. 111.7-118.1 - Fresh BI with distinct grain boundaries	57176 B	95.4	98.1	2.7	.06	<.001	.5	
			57177 B	105.9	109.0	3.1	.07	<.001	.3	
			57178 B	109.0	111.4	2.4	.05	<.001	.3	
			57179 B	111.4	114.1	2.7	.03	.004	<.3	
			57180 B	114.1	116.5	2.4	.02	<.001	.3	
118.1	123.8	BIOTITE QUARTZ DIORITE - Moderately altered orange brown colour due to KF, Ser. CP very strong especially at 118.7 where it is massive in sheared section BO absent -- very minor Mo. 123.6 - Vuggy with strong CL, EP, CP	57181 B	116.5	118.1	1.6	<.01	<.001	<.5	<.1
			57182 B	118.1	120.5	2.4	.74	.001	1.0	<.1
			57183 B	120.5	123.8	3.3	.36	<.001	.8	<.1
123.8	150.3	BIOTITE QUARTZ DIORITE- Relatively fresh with mild alteration as above. Fracturing very weak. Py,CP along fractures (PY-. CP) MG. as discrete floodings	57184 B	123.8	127.2	3.4	.05	.001	.3	
			57185 B	137.4	140.5	3.1	.02	<.001	.3	<.1

DRILL HOLE LOG

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No. 51 PAGE NO. 3

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu.	Mo	Ag.g/t	Au.g/t
123.8	150.3	(cont'd) 138.4, 138.6, 141, 141.4, 142.8 A variation of the CROWDED FELDSPAR PORPHYRY in Dike like intrusions up to 20 cm in width. Approx. 45° core angle.	57186 B	149.7	152.6	2.9	.04	<.001	<.3	<.1
150.3	163.1	BIOTITE QUARTZ DIORITE - Mod. to intense Alt.n Locally salmon pink colouration. Fracturing mod. KF, Ser, CL. strongest Alt.n. EP spotty. Sulphides locally up to 3% at 153 - Sulphides >10%.	57187 B	152.6	155.4	2.8	.96	.001	.17	.1
			57188 B	155.4	158.4	3.0	.21	<.001	.3	<.1
			57189 B	158.4	161.5	3.1	.11	<.001	.3	<.1
163.1	176.5	BIOTITE QUARTZ DIORITE: very fresh, almost no Alt.n. Essentially barren of sulphides.	57190 B	161.5	164.7	3.2	.05	<.001	<.3	<.1
176.5	197.5	BIOTITE QUARTZ DIORITE: variably altered KF, Ser, CL pervasive EP local . Fracturing mod to intense CA strong on fractures.	57191 B	179.0	182.0	3.0	.05	<.001	<.3	
			57192 B	182.0	183.6	1.6	.25	.002	<.3	
		178.1 - CROWDED FELDSPAR PORPHYRY Dike 17 cm	57193 B	183.6	186.7	3.1	.17	<.001	<.3	.1
		182.0 -185.8 - Strong KF, Salmon pink colour, strong CL, CP	57194 B	186.7	189.1	2.4	.03	<.001	<.3	
		183.8 - 188.8- Crushed BQDI, drab green strong Ser.								
		185.1 - CROWDED FELDSPAR PORPHYRY 30 cm	57195 B	193.6	196.7	3.1	.05	<.001	<.3	<.1
		188.8 - 197.5- Propylized BQDI Mg. as flooding or envelopes up to 40% in local sections.	57196 B	196.7	199.8	3.1	.02	<.001	<.3	<.1

DRILL HOLE LOG

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No. 51 PAGE NO. 4

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag g/t	Au g/t
197.5	233.3	BIOTITE QUARTZ DIORITE: Zone of mod.altered BQDI containing numerous GREY PORPHYRY DIKES .The alteration of the BQDI is Propylitic with normally mod. to intense EP, CL. Aplitic flooding or veining common throughout the section.	57197 B	209.7	211.4	1.7	.07	<.001	<.3	<.1
		197.5 - 198.8 - Grey Porphyry Dike. 203.7 - 206.4 - Grey Porphyry Dike. G.P.D. cross-cuts aplite flooding 209.9 - 211.2 - Grey Porphyry Dike	57198 B	222.5	225.1	2.6	.05	<.001	<.3	<.1
		216.2 - 10 cm G.P.D. 222.4 - 225 - Grey Porphyry Dike cross-cutting aplite while both aplite and G.P.D are cut by later CP,CL, EP. 228.7 - 230.3 - G.P.D. and aplite flooding	57199 B	233.3	236.3	3.0	.20	.012	1.3	<.1
233.3	237.5	BQDI sheared and crushed zone. CP present.	57200 B	236.3	237.8	1.5	.72	.003	1.3	<.1
237.5	260.6	BIOTITE QUARTZ DIORITE: Weak to mod. altered.	57201 B	237.8	241.2	3.4	<.01	<.001	<.3	<.1
		245.7 - 251.3 - EP stronger Broad silicification throughout. Abundant aplite veining over entire section. Traces sulphides.	57202 B	241.2	244.3	3.1	.03	<.001	<.3	<.1
			57203 B	252.7	254.7	2.0	.06	<.001	<.3	<.1
260.6	264.8	BIOTITE QUARTZ DIORITE: Bleached and Qtz. flooded Silicification and SER very strong.	57204 B	254.7	257.4	2.7	.02	<.001	<.3	<.1
			57205 B	257.4	260.4	3.0	.13	.002	.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 51	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo%	Ag.g/t	Au.g/t
260.6	264.8	(cont'd)	57206 B	260.4	263.5	3.1	.03	<.001	<.3	<.1
		261.8 - Pegmatite								
		262.7- 16 cm Qtz.vein with CP,MG,Py.	57207 B	263.5	266.4	2.9	<.01	<.001	<.3	<.1
		263.2 - 22 cm Qtz.vein with CP. Py.	57208 B	266.4	268.7	2.3	.08	<.001	<.3	.1
264.8	356.9	BIOTITE QUARTZ DIORITE: Variably altered- Alt.n. present KF, Ser, EP, CL. Fracturing of variable intensity.								
		264.8 - 274.3 - weakly altered. EP envelopes and fractures at 40°-70°. Aplite intrusions numerous.	57209 B	268.7	272.4	3.7	<.01	<.001	<.3	<.1
			57210 B	272.4	276.6	4.2	.17	.017	.5	<.1
		274.3 - 276.6 - Strongly altered, MG rich KF especially strong. HG associated with CP minor Bo, Mo, Py.								
		276.6 - 285.3 - weakly altered	57211 B	280.3	282.2	1.9	.04	.002	<.3	<.1
		*277.0 - 277.6 - GRANODIORITE								
		281.8 - Pegmotite texture due to aplitic flooding.								
		285.3 - 294.6 - zone of apparent increase of aplite content. The eplite flooding is overprinted by KF,EP,CP fractures and envelopes. Minor PEGMETITE .	57212 B	286.7	289.5	2.8	.05	.002	<.3	<.1
			57213 B	289.5	292.2	2.7	.03	<.001.	<.3	<.1
			57214 B	292.2	294.9	2.7	.06	<.001	<.3	<.1
			57215 B	294.9	297.8	2.9	.45	.006	3.9	<.1
		294.6 - 297.8 - Strong KF Alt.n with Bo,CP, mineralization, less aplite. fracturing intense	57216 B	297.8	300.6	2.8	.02	<.001	<.3	<.1
			57217 B	300.6	304.6	4.0	.13	.004	6.0	<.1
			57218 B	304.6	307.1	2.5	.25	.006	1.0	<.1
		297.8 - 317.8 - variably altered weak to mod.	57219 B	307.1	310.6	3.5	.21	.006	.8	<.1
		no dominant type, but locally intense Ser. KF envelopes with CP Minor aplite.	57220 B	310.6	313.4	2.8	.46	.010	1.0	<.1
			57221 B	313.4	315.6	2.2	.03	<.001	.8	<.1
			57222 B	315.6	317.8	2.2	<.01	.002	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 51	PAGE NO. 6
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
264.8	356.9	(cont'd)								
		297.8 - 317.8 - (cont'd)								
		311.0 - intense CP with Ser. and muscovite envelope at 40-45°.								
		317.8 - 320.1 - Strong KF and fracturing. Mo,Bo,CP strong Mo, Bo CP	57223 B	317.8	320.1	2.3	.48	.009	4.4	<.1
			57224 B	320.1	323.0	2.9	.10	<.001	.8	<.1
		320.1 - 329.1 - weakly altered EP,HE/MAG. main alteration. Sulphides < ½%	57225 B	323.0	326.0	3.0	.05	<.001	.8	<.1
			57226 B	326.0	329.1	3.1	<.01	<.001	.8	<.1
		329.1 - 336.1 - mod. altered. locally intense Ser, CL, EP absent. Minor CY alteration. Some silicification and Qtz. flooding CSP.332.0-332.4	57227 B	329.1	332.0	2.9	.63	.004	2.3	.19
			57228 B	332.9	334.3	2.3	.27	.006	<.3	.45
			57229 B	334.3	337.6	3.3	.24	.005	.5	<.1
			57230 B	337.6	340.7	3.1	.15	.002	.5	.1
		332.5 - Broken core Sulphides locally up to 10%. CP minor Bo occur with sericite rather than KF.	57231 B	340.7	343.7	3.0	.14	.001	<.3	<.1
			57232 B	343.7	347.5	3.8	.09	<.001	<.3	<.1
			57233 B	347.5	350.3	2.8	.33	<.001	.5	<.1
		336.1 - 356.9 - weakly to mod.altered BQDI with minor CP mineralization throughout. CP principal sulphide occuring along fractures as disseminations and replacements of BI.	57234 B	350.3	353.1	2.8	.02	<.001	<.3	<.1
			57235 B	353.1	355.9	2.8	.01	<.002	<.3	<.1
			57236 B	355.9	359.0	3.1	.01	<.001	<.3	<.1
			57237 B	359.0	362.0	3.0	<.01	<.001	<.3	<.1
		356.9 - 387.4 - GRANODIORITE intruded at 45° to core axis. Med. grained with phenocrysts of Qtz., PL, BI. alt.n within granodiorite is mod. and includes KF, Ser,CL. EP aplite flooding present trace sulphides throughout	57238 B	362.0	366.6	4.6	.10	<.001	<.3	<.1
			57239 B	366.6	368.8	2.2	.04	<.001	<.3	<.1
			57240 B	368.8	372.0	3.2	.01	<.001	<.3	<.1
			57241 B	372.0	375.0	3.0	<.01	<.001	<.3	<.1
			57242 B	375.0	377.9	2.9	<.01	<.001	<.3	<.1
			57243 B	377.9	380.9	3.0	.08	.001	<.3	<.1
			57244 B	380.9	383.4	2.5	.56	.013	1.3	.16
			57245 B	383.4	387.0	3.6	.09	.001	.5	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 51	PAGE NO. 7
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag g/t	Au g/t
387.4	402.6	BIOTITE QUARTZ DIORITE: Weakly altered and locally bleached. Fracturing moderate KF cut by Ser, and EP KF and Ser crosscut by EP and He. no dominant alteration. Light pink KF envelopes sometimes contain minor sulphide mineralization	57247 B	389.9	393.0	3.1	.14	.002	.3	<.1
			57248 B	393.0	396.4	3.4	.11	.003	.3	<.1
			57249 B	396.4	400.0	3.6	.07	<.001	.3	<.1
			57250 B	400.0	402.8	2.8	.03	<.001	<.3	<.1
402.6	416.4	BIOTITE QUARTZ DIORITE: Strong KF alteration	57251 B	402.8	405.7	2.9	.48	.033	5.5	.21
		Salmon pink colour due to KF, mafics altered to CL or replaced by specular HE or Sulphides. Gypsum present. Sulphides 1-3% include Bo, CP, Mo and are present throughout the section. fracturing very strong 410.7 - 411.0 - intense Bo, minor CP 413.7 - poker chip fracturing	57252 B	405.7	409.3	3.6	.29	.002	1.7	.6
			57253 B	409.3	412.4	3.1	.49	.002	3.3	<.1
			57254 B	412.4	416.4	4.0	.39	.005	1.9	<.1
			57255 B	416.4	420.0	3.6	.04	<.001	<.3	<.1
			57256 B	420.0	423.0	3.0	.16	.001	.3	<.1
416.4	425.7	BIOTITE QUARTZ DIORITE: weak to mod. Alt.n foliated at 45° to core axis. High density of microfractures with CL, EP 420.1 - 425.2 - Salmon pink colour 425.7 - fresh BQDI	57257 B	423.0	425.7	2.7	.05	.001	<.3	<.1
			57258 B	425.7	427.6	1.9	.01	<.001	<.3	<.1

DRILL HOLE LOG

HOLE No.	PAGE NO.
52	1

LOCATION: 561.92 m N 2769.63 mE
AZIMUTH: 000° True
DIP: -70°
ELEV: 1465.04 m
LENGTH: 282.2 m
CORE SIZE: B.Q
STARTED: July 17, 1981
COMPLETED: July 23, 1981
PURPOSE: Investigate western extension of Bornite Zone
CORE RECOVERY: 93.5% aug) 1.29 m/run

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
14.7		-69.0°			
76.2		-70.0°			
152.4		-68.0°			
228.6		-67.5°			
282.2		-70.0°			

PROPERTY: Eaglehead
CLAIM NO: Eagle 112
SECTION: 2770 m E
LOGGED BY: T.C. Scott
DATE LOGGED: Sept. 1981
DRILLING CO: Caron D.Drilling - Whitehorse
ASSAYED BY: Chemex Labs, North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
0	12.5	Overburden								
12.5	32.0	BIOTITE QUARTZ DIORITE: Altered. Strong pervasive SER. pale waxy green appearance. KF weak - Buff to orange carbonate and or clay stringers. Fracturing strong - Shearing at 25° to 45° - Minor Sulphides. Tr. CP. 31.7 - lower limit of surface weathering	37560 C	24.0	26.3	2.3	.04	<.001	<.3	<.1
			37561 C	26.3	30.8	4.5	.04	<.001	<.3	<.1
			37562 C	30.8	32.3	1.5	.23	.001	<.3	<.1
			37563 C	32.3	34	1.7	.41	<.001	.3	<.1
32.0	45.0	BIOTITE QUARTZ DIORITE: Alteration continues strong with mod. intense KF. Fracturing strong. Overall increase in sulphides. CP, Mo in CL. Poor core recovery in crushed sheared zone at 37.0	37564 C	34	35.2	1.2	.03	<.001	<.3	<.1
			37565 C	35.2	37.5	2.3	1.18	.013	1.0	<.1
			37566 C	37.5	39.9	2.4	.13	<.001	<.3	<.1
			37567 C	39.9	43.3	3.4	.18	<.001	<.3	<.1
45.0	112.5	BIOTITE QUARTZ DIORITE: Alteration decreased markedly at 45°. Fracturing blocky intensity much less. Only weak to locally mod. KF, SER, EP, CL alteration. 41.5 - 48.0 - Hematite General super imposed propylitic alteration throughout.. 75.0 - 77.0 - Mod. SER, EP 78.0 - 82.0 - Mod. SER, EP Where EP becomes mod. rock is Sauss. CL restricted to alt.n of matics rock vuggy where EP low. 85.5 - Trace neotosite. General increase in alteration and fracturing at 108.								

DRILL HOLE LOG

LOCATION:		HOLE No. 52	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag.g/t	Au.g/t	
112.5	173.5	BIOTITE QUARTZ DIORITE: Mod. to well altered. KF SER, normally intense CL. weak to mod. EP weak. Propylitic alteration later. Rock has shattered appearance throughout. Minor aplite. Brick red colouration due to KF. Waxy appearance locally due to SER. Fracturing intense throughout at low core angles.	37568 C	131.0	132.8	1.8		.03	<.001	<.3	<.1	
			37569 C	132.8	134.7	1.9		.24	<.001	<.3	.2	
			37570 C	134.7	137.1	2.4		.29	<.001	<.3	<.1	
			37571 C	144.1	146.9	2.8		.25	.002	<.3	<.1	
			37572 C	146.9	148.6	1.7		.44	<.001	<.3	<.1	
		117.5 - 121 - Strong earthy hematite on all fractures.	37573 C	148.6	150.9	2.3		.34	.001	<.3	<.1	
			37574 C	150.9	153.9	3.0		.34	.003	.5	<.1	
		121.75 - fault gauge at 25°	37575 C	153.9	158.0	4.1		.12	<.001	<.3	<.1	
		128.5 - 0.5 cm Seam CP in PY at 10°.	37576 C	158.0	161.2	3.2		.16	<.001	.5	<.1	
		130-140 - local zones sulphides<1% with Tr. CP and PY.	37577 C	168.5	170.7	2.2		.17	<.001	.3	<.1	
			37578 C	170.7	173.5	2.8		.56	.003	.5	<.1	
		140 - weak kaolinization of feldspars.										
		144.5 - 148.5 - Strong shearing and crushing at low core angles. Carbonates common on fractures.										
		144.5-161.5 - Sulphides generally<1% with traces of CP, Py, Mo.										
		160.5 - Gypsum at 80° core angle Minor gypsum to 173.75 at mod.core angles At 169.5 gypsum is later than propylitic flooding.										
		164.0 earthy Hematite on fractures.										

DRILL HOLE LOG

LOCATION:		HOLE No. 52	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag g/t	Au g/t
112.5	173.5	(cont'd) 170° - Rock continues as shattered. (low angles), characterized by Sausseritic flooding with earthy HEM. , CP, PY, in areas of previous Qtz., KF flooding. Gypsum prominent usually occupying fractures previously invaded by EP.								
173.5	242.5	BIOTIE QUARTZ DIORITE: Weak to mod. alteration. Core less shattered than above section. Fracture density mod. EP weak and spotty. KF, SER, CL weak but generally pervasive. Gypsum prominent throughout-normally in later fractures. EP with KF envelopes common. 191.5 - 194- short section intense KF plus PY, CP. Prominent late stage fractures at 10° - 20° core angles. Traces CP, PY throughout - CP, PY cut by later gypsum. 215 - alteration continues generally weak with propylitic overprint.. 224.5- 228 intense KF flooding plus carbonate replacement of KF. 1-3% sulphides - patches and blobs CP, PY.	37579 C 57580 C 57581 C 57582 C	219.8 221.6 224.6 227.7	221.6 224.6 227.7 229.2	1.8 3.0 3.1 1.5	.59 .32 1.12 .27	.002 .001 .007 <.001	1.0 .3 1.9 <.3	<.1 <.1 <.1 <.1

DRILL HOLE LOG

LOCATION:		HOLE No. 52	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag g/t	Au g/t
173.5	242.5	(cont'd) 230-242.5 - Relatively weak alteration several fault breccias at 232.5, 237.5, 239.5. Crushed with strong SER. and Gypsum cement. Minor sulphides with minor Spec. hematite.								
242.5	282.5	BIOTITE QUARTZ DIORITE: Described as relatively weak alteration. Although SER. mod. and pervasive throughout - locally apple green in colour. Continued late Propylitic over weak KF. Gypsum seems occupying re-opened fractures common throughout. Fracture intensity weak to mod. Mineralization normally weak with slight increase 269.5 - 267.5 CP, PY with CL as weak diss.replacing mafics. 278 - Hem tite flooding with EP. Rock fresh to weakly altered at the end of the hole.	37583 C	265.6	269.6	4.0	0.47	<.001	1.0	<.1

DRILL HOLE LOG

LOCATION:	1,352.46 m N , 1.577.69 m E
AZIM:	045° True
DIP:	
ELEV:	1,536.04 m
LENGTH:	263.5 m
CORE SIZE:	B.Q.
STARTED:	July 24, 1981
COMPLETED:	July 30, 1981
PURPOSE:	To test for Westerly extension of Pass Zone beneath Hole 4
CORE RECOVERY:	Avg. 93.4%; 2.0 m/run

HOLE No. 53 | PAGE NO. 1

PROPERTY: Eaglehead

CLAIM NO: Eagle 37799

SECTION: 48+ 00E

LOGGED BY: T.C. Scott, R. Beaton

DATE LOGGED: October, 1981

DRILLING CO: Caron D.Drilling, Whitehorse

ASSAYED BY: Chemex Labs.Ltd. North Vancouver

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
12.0 m		-56.0°			
76.2 m		-54.0°			
152.5m		-53.5°			
228.6m		-52.5°			
263.5m		-53.5°			

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo%	Ag.g/t	Au.g/t
0	12.2	Overburden:								
12.2	62.5	BIOTITE QUARTZ DIORITE: Fine grained variety. where fresh, fine grained mafics give salt and pepper appearance. Alt.n consists of KF, SER. EP, CL SER. generally mod to intense while KF,EP,CL are intermittent and normally weak to locally mod. Fracture intensity variable weak to mod. Original textures locally obliterated by SER, Alt.n. Core angles at fractures mod. 35°- 60°.	57259B	15.9	20.4	4.5	.04	<.001	<.3	<.1
			57260 B	40.2	44.2	4.0	.01	<.001	<.3	<.1
			57261 B	44.2	46.4	2.2	.03	.001	<.3	<.1
		20.0 - Strong shear with SER. 15°	57262 B	46.4	49.4	3.0	.01	<.001	<.3	<.1
		33.0 - Slightly coarser grained BQDI								
		35.0 - apple green SER envelopes around micro fractures at 70°	57263 B	49.4	52.3	2.9	.06	<.001	.3	<.1
		40.5 - 49.0 - Bleached Sericitized rock with weak dol. alt.n. has sheared appearance fine PY in SER. throughout	57264 B	52.3	54.7	2.4	.04	<.001	.5	<.1
			57265 B	54.7	57.3	2.6	.03	<.001	.5	<.1
		59.0 foliation at 45°	57266 B	57.3	60.2	2.9	.04	<.001	.5	<.1
62.5	78.0	BIOTITE QUARTZ DIORITE: Alteration mod. to intense KF stronger and locally intense.SER pervasive, strong Fracturing very intense at 40°-65°	57267 B	60.2	62.3	2.1	.03	.002	.3	<.1
			57268 B	62.3	64.4	2.1	.19	<.001	1.0	<.1
		62.5 - 68.5 - Brecciated and sheared PY diss. throughout in trace amounts. On some fractures occurs as pyritic mud.	57269B	64.4	66.5	2.1	.84	<.001	7.0	<.1
			57270 B	66.5	68.4	1.9	.25	<.001	1.7	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 53	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag. g/t	Au. g/t
62.5	78.0	(cont'd)								
		68.5 - 73.0 - Very strongly brecciated	57271 B	68.4	71.2	2.8	2.97	<.001	19.8	.1
		65.0 - 73.0 - rock highly brecciated with PY	57272 B	71.2	74.2	3.0	.72	<.001	3.6	.1
		massive throughout. CP minor.	57273 B	74.2	76.6	2.4	.29	<.001	1.7	<.1
		73.0 - 78.0 - highly sheared and locally mylonitized - 80° - Sulphides less than above	57274 B	76.6	78.3	1.7	.18	.001	1.3	<.1
78.0	114.5	BIOTITE QUARTZ DIORITE: Mod. alteration	57275 B	78.3	79.2	0.9	.52	.003	2.3	<.1
		SER. remains strong while KF, CL decrease.	57276 B	79.2	81.9	2.7	.13	.002	.5	<.1
		KF patchy and only locally mod.	57277 B	81.9	84.0	2.1	.54	.006	1.9	<.1
		EP absent - Fracturing weak to mod. except	57278 B	84.0	88.0	4.0	.17	<.001	1.0	<.1
		99.5 - 106.5 intense.	57279 B	88.0	89.9	1.9	.02	<.001	<.3	<.1
		78.0 - 84.5 - weak sulphides, Mo, CP visible on	57280 B	89.9	93.5	3.6	.17	<.001	1.0	<.1
		fractures.	57281 B	93.5	96.6	3.1	<.01	.003	.5	<.1
		84.5 - 114.5- Py on low angle fractures.	57282 B	96.6	100.5	3.9	.01	<.001	<.3	<.1
		98.0 - 102.5- Rock crushed throughout	57283 B	100.5	103.6	3.1	.04	<.001	.3	<.1
		104 -shearing 40°	57284 B	103.6	106.6	3.0	.01	<.001	<.3	<.1
		100- 105.5 - 1-3% Sulphides - Mainly	57285 B	106.6	107.1	0.5	<.01	.008	<.3	<.1
		Py but minor CP	57286 B	107.1	109.7	2.6	<.01	<.001	<.3	<.1
114.5	121.0	FINE GRAINED BIOTITE QUARTZ DIORITE: Possible dike. Strong shearing at 50° -alteration weak. High % Hem.	57287 B	116.7	117.7	1.0	<.01	<.001	<.3	<.1
121.0	140.0	BIOTITE QUARTZ DIORITE: Fine grained. mod to well altered. Fracture intensity only weak to mod. Minor EP. HEM strong at: 130°, 136.5, 139.								

DRILL HOLE LOG

LOCATION:		HOLE No. 53	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH		ASSAYS Cu %	Mo %	Ag.g/t	Au.g/t (t = tonne)
121.0	140.0	(cont'd)	57288 B	117.0	120.5	2.8		< .01	< .001	< .3	< .1
		124-126.25 - CP on numerous fractures enveloped by PY and KF	57289 B	124.0	126.2	2.2		.73	< .001	3.3	< .1
		133.5 -136.3-increased KF Strong SER. CP on most fractures.	57290 B	133.7	135.9	2.2		.18	< .001	.5	< .1
140.0	197.5	BIOTITE QUARTZ DIORITE: fresh to weakly altered, fine grained but grain size increases at 145 . Fracturing normally weak to mod.although rock has local crushed appearance.									
		146 - 148.5 - Py with CP on fracture with KF	57291 B	145.3	148.5	3.2		.44	< .001	1.0	< .1
		152-153.5 - Py with CP through section of increases KF alt.n.									
		157.5-164.5- Rock bleached with Qtz, Dol.flooding 45° and 65°. Strong CL at 30°,50° with sub parallel Qtz.flooding.	57292 B	151.6	154.1	2.5		.23	.001	.5	< .1
		176 - 181.5 - mod. alt.n with increase in KF									
		181.5 - 187.5-Bleached due to Dol and Qtz.flooding HEM (earthy) diss. and strong at either end of Dol.zone.									
		177-178 - minor CP, Py									
		190 - 197.5- Strong EP flooding with HEM at low angles 20° - General crushed appearance.									

DRILL HOLE LOG

LOCATION:		HOLE No. 53	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne CU %	Mo %	Ag.g/t	Au.g/t
197.5	201	Crowded Feldspar Porphyry: Dike. Sericitized matrix; weak shearing at 60°.								
201	235.9	BIOTITE QUARTZ DIORITE: Relatively fresh to weak altered. CL and EP weak but pervasive while KF, SER, weak to mod. intermittently. Described as mottled. Locally has strong apple green SER alt. on micro fractures on fresh sections. Py traces throughout.	57293 B	215.5	216.7	1.2	.18	< .001	< .3	< .1
		216.75 - 217.5 - 1-3% sulphides. Mo, CP Py on fractures - Increased KF.	57294 B	216.7	218.5	1.8	1.00	.003	2.3	< .1
		223.2 - 226 - CP,Py,Mo in highly fractured section. also increased KF.	57295 B	223.5	225.5	2.0	.87	.002	1.0	< .1
			57296 B	225.5	229.3	3.8	.45	.003	1.0	< .1
235.9	238.4	CROWDED FELDSPAR PORPHYRY: Dike Hanging well contact 55° - Footwall 80°	57297 B	229.3	231.9	2.6	.05	.001	< .3	< .1
238.4	242.5	BIOTITE QUARTZ DIORITE: Crushed and weakly altered. Contains minor C.F.P.								
242.5	243.8	CROWDED FELDSPAR PORPHYRY: Dike cut by Qtz./Dol at 80°. Footwall contact at 60°.								
243.8	246.8	DIABASE DIKE Qtz. Dol. Veining at 45°, 30°, 60°. Contacts bleached Dol.								

DRILL HOLE LOG

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No. 53 PAGE NO. 5

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne
246.8	259.0	BIOTITE QUARTZ DIORITE:Strongly Sericitized and bleached. Shearing at 60° - mylanitized KF, EP, CL absent.					
259.0	263.5	BIOTITE QUARTZ DIORITE: Mod. alt.n with Mod. SER KF and weak CL -no shearing. KF banding at 45° Rock relatively fresh at the end of the hole at 263.5.					

DRILL HOLE LOG

LOCATION:	588.13 m N , 3,190 m E
AZIM:	000° True
DIP:	-55°
ELEV:	1,444.67 m
LENGTH:	414.5 m
CORE SIZE:	B.Q.
STARTED:	July 30, 1981
COMPLETED:	August 9/81
PURPOSE:	To test for easterly extension of Bornite Zone at depth
CORE RECOVERY:	Avg. 92.6%; 2.0 m/run

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
12.2m		-59.0°	381.3		-55.5°
76.3m		-57.0°			
125.5m		-56.0°			
228.0m		-56.0°			
305.0m		-56.0°			

HOLE No.	54
PAGE NO.	1
PROPERTY:	Eaglehead
CLAIM NO:	Eagle 121/122
SECTION:	3190 m E
LOGGED BY:	T.C. Scott
DATE LOGGED:	August 1981
DRILLING CO:	Caron D. Drilling- Whitehorse
ASSAYED BY:	Chemex Labs Ltd. North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu%	Mo%	Ag.g/t	Au.g/t
0	9.8	OVERBURDEN								
9.8	59.0	BIOTITE QUARTZ DIORITE: Weak to Mod. altered. General alteration pattern appears to be propylitic with minor KF rich sections. SER. pervasive where strong and as apple green envelopes when weak. EP generally restricted to fracture but where mod. appears as pervasive sausseritization. Fracturing weak to mod. throughout.								
		21.8 - 22.2 27.4 - 28.0 - GREY PORPHYRY DIKES 45.5 - 46.25								
		Grey porphyry dikes have sharp contacts and are earlier than the general alteration present. KF alt.n generally earlier than other forms of alt.n and is often accom. by weak carbonate alt.n replacing feldspars. Sulphide mineralization very weak. Minor CP locally	57372 B	62.5	64.0	1.5	.11	<.001	.5	0.41
			57373 B	64.0	65.5	1.5	1.62	.004	5.0	<.1
			57374 B	65.5	68.3	2.8	.05	<.001	<.3	<.1
59.0	80.0	BIOTITE QUARTZ DIORITE: Variably altered local zones of mod. to intense KF, SER. alteration CL weak, EP generally absent..	57375 B	71.3	73.5	2.2	.78	<.001	<.3	<.1
			57376 B	73.5	75.4	1.9	.03	.001	<.3	<.1
		64 - 65.0 - Salmon pink colour. Qtz. with KF, Bo, CP strong. Aplitic flooding and veining common.	57377 B	75.4	77.0	1.6	.08	.002	<.3	<.1
			57378 B	77.0	78.6	1.6	.26	.002	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 54	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	TO	DESCRIPTION	SAMPLE NO.	Metres FROM	TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag g/t	Au g/t
80.0	125.0	BIOTITE QUARTZ DIORITE: Fresh to weakly altered. Fracturing normally weak. Frequent aplitic alt.n with later propylitic alt.n.									
		87 - 88.6 - shear zone - strong CL	57379 B	87.0	88.7	1.7		.87	.002	<.3	.1
		109 - 125 - occasional zones of sausseritization with apple green. Sericite altn. envelopes. Weak sulphides throughout.	57380 B	123.0	125.3	2.3		.02	.002	<.3	<.1
125.0	141.1	BIOTITE QUARTZ DIORITE: Well altered. Strong KF mod. SER. Rock weakly crushed and sheared, weak aplite flooding. Strong CL locally on fractures.	57381 B	125.3	1.27.2	1.9		.52	.009	1.7	<.1
			57382 B	127.2	1.28.9	1.7		.09	<.001	<.3	<.1
			57383 B	128.9	132.5	3.6		.42	.002	1.3	.21
		125 - 132.5- several qtz, dol, stringers at 50° cut Bo, CP mineralization.	57384 B	132.5	136.6	4.1		.02	<.001	<.3	<.1
		132.5-136.5 -BQDi only weakly altered									
		136.5-141.1 -strong carbonate alt.n. CP, Mo mineralization in vugs.	57385 B	136.6	138.8	2.2		1.02	.06	1.9	.48
			57386 B	138.8	141.1	2.3		.07	.003	<.3	<.1
141.1	200.0	BIOTITE QUARTZ DIORITE: Relatively fresh to weakly altered. Generally weakly fractured and blocky with mixed alterations. Occasional patch of KF, but propylitic in nature with EP stringers and sausseritized.									

DRILL HOLE LOG

LOCATION:		HOLE No. 54	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag g/t	Au g/t
141.1	200.0	(cont'd) segments and enveloped of apple green SER. Locally mafics are chloritized and most alteration appears as band at 30°-50°. Minor HE and Mag. rock generally magnetic throughout. Minor sulphides with traces of CP, Bo.									
200.0	258.2	BIOTITE QUARTZ DIORITE: Weak to mod. alteration. Sausseritization widespread as overprint on weak KF. SER. mod to strong. Dolomite associated with qtz.in stringers. Fracturing weak and blocky at 45°- 55°.. 215 - 227.5 - Mod. alt.n - propylitic overprint on KF, SER. 227.5-240.0 - Mod. alt.n. mottled appearance SER. strong CL restricted to mafics numerous late stage dolomite stringers Occasional salmon pink zone where KF stronger Minor sulphides with traces CP, Bo.	57387 B	233.6	236.9	3.3		.17	.001	<.3	<.1
			57388 B	254.0	256.0	2.0		.16	.001	<.3	<.1
			57389 B	256.0	258.2	2.2		.18	.002	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 54	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
258.2	262.7	BIOTITE QUARTZ DIORITE: FAULT BRECCIA Shattered, crushed and flooded with Qtz. Alteration mainly Qtz. with KF and carbonates plus CL and SER. Some of gouge is clay and Mo mud. Mo>> CP. Mo and CP on almost all fractures.	57390 B	258.2	260.0	1.8	2.44	.298	6.0	.31
			57391 B	260.0	260.9	.9	.50	.041	.3	.1
			57392 B	260.9	262.0	1.1	1.0	.094	3.0	.12
			57393 B	262.0	262.7	.7	1.16	.204	3.3	.89
262.7	385.0	BIOTITE QUARTZ DIORITE: Variably altered from Mod - strong throughout section. Characterized by KF, SER, CL. Fracture intensity varies from weak to intense but is normally fairly strong, EP alt.n.. generally absent except for lower in the section.								
		262.7 - 269.4 - blocky fracturing at 40°-65° - weak crushed appearance caused by hairline fracture at 10°. Bo and CP on fractures and as replacement of mafics.	57394B	262.7	266.5	3.8	.31	.005	.5	<.1
			57395B	266.5	269.4	2.9	.14	<.001	<.3	<.1
		269.4 - 282.5 - bands of pervasive KF, SER. Accessary magnetite altering to hematite. Bo and Cp on fractures.	57396B	269.4	273.5	4.1	.08	<.001	<.3	<.1
			57397B	273.5	276.8	3.3	.11	.008	.3	<.1
			57398B	276.8	278.9	2.1	.14	.004	<.3	<.1
			57399B	278.9	282.5	3.6	.40	.001	.3	<.1
		282.5 - 297.0 - Crushed appearance with numerous Qtz. Dol stringers	57400B	282.5	286.2	3.7	.18	.001	.5	<.1
		288.3 - 290.7 - Fault Zone. CP with CL in crushed zone.	57401B	286.2	288.3	2.1	.22	.002	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 54	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
262.7	385.0	(cont'd)								
		282.5 - 297. 0 (cont'd)								
		Bo mineralization strong with SER_{δ} CL_{0} in network of low angle fractures 10^{0}-25^{0}.	57402 B	288.3	294.5	6.2	1.30	.020	15.8	.21
		Bo >> CP > Mo/ Mo with Qtz. carbonate fractures.	57403 B	294.5	299.0	4.5	.10	.002	< .3	<.1
		297.0 - 302.5 - zone of weak alt.n. minor sulphides	57404 B	299.0	301.2	2.2	.21	<.001	18.0	<.1
			57405 B	301.2	304.4	3.2	.77	.012	3.3	.34
		302.5 - 310.0 - well altered - crushed and sheared. Strong KF with noticable hematite	57406 B	304.4	308.5	4.1	.46	.012	2.8	<.1
		Several qtz. carb. Stringers at low core angles.	57407 B	308.5	310.3	1.8	.36	.004	1.7	<.1
		CP > Bo > Mo in sheared section	57408 B	310.3	313.0	2.7	.55	.008	3.3	.17
		310.0 - 322.5 - well altered								
		dominant micro fracture direction at 45^{0} often carbonate filled.	57409 B	313.0	316.5	3.5	.35	.005	1.7	.1
		original fabric destroyed by alteration	57410 B	316.5	319.0	2.5	.45	.020	1.0	<.1
		Diss. Bo and CP throughout	57411 B	319.0	322.5	3.5	.27	.019	1.0	<.1
		322.5 - 329.0 - as above, numerous sub-parallel qtz. stringers 1-2 mm. Bo on micro fractures with CL.	57412 B	322.5	325.6	3.1	.33	..020	.1.0	.21
			57413 B	325.6	328.4	2.8	.78	.010	3.0	.96
			57414 B	328.4	329.2	.8	.44	.009	.5	<.1

DRILL HOLE LOG

HOLE No.	PAGE NO.
54	6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
262.7	385.0	(cont'd)								
		329 - 350.0 - variably weak to mod alt.n. Change from pervasive alt.n. above. Fracturing coarse and blocky. Where crushed, CL strong with Mo. EP locally present but weak Minor earthy hematite present. 346.7-347.5 crushed/ strong SER and CL. Shearing at 50° and 25°.	57415 B	329.2	331.3	2.1	.10	<.001	<.3	<.1
			57416 B	331.3	332.7	1.4	.79	.006	.8	<.1
			57417 B	332.7	336.5	3.8	.21	.002	.5	<.1
			57418 B	336.5	340.8	4.3	.11	<.001	.3	<.1
			57419 B	340.8	342.6	1.8	.20	<.001	1.0	<.1
			57420 B	342.6	345.9	3.3	.34	.003	1.0	.27
			57421 B	345.9	347.5	1.6	.44	.006	1.0	<.1
			57422 B	347.5	350.2	2.7	.04	.001	<.3	<.1
		350.0 - 354.0-weakly altered. Patches of saussueritized feldspars. weak foliation at 60°.	57423 B	350.2	354.0	3.8	.08	.001	<.3	<.1
		354 - 360.5 - crushed appearance. Mod. EP flooding later than strong KF. Vuggy along late EP. Qtz. stringers Minor CP. Bo, Mo.	57424 B	354.0	356.5	2.5	.20	.010	0.5	<.1
			57425 B	356.5	360.7	4.2	.39	.005	1.3	.17
		360.5 - 374.5-weak to mod. alteration characterized by bands of SER. around CP. stringers. KF interstitial ovas rims on plag.	57426 B	360.7	373.6	12.9	.08	.002	.5	<1
			57427 B	373.6	375.0	1.4	.58	.025	1.0	.24
		374.5 - 385.0-mod. to well altered Strong KF and magnetite whisps associated with Qtz., CP, Mo Dominated shearing at 30° - 45° CP. Bo, Mo in smears and seams.	57428 B	375.0	378.5	3.5	.16	.003	.3	<.1
			57429 B	378.5	380.3	1.8	.54	.012	1.7	.21
			57430 B	380.3	382.6	2.3	.48	.08	1.7	.48
			57431 B	382.6	384.5	1.9	.11	.005	.5	<.1

DRILL HOLE LOG

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No. 54 | PAGE NO. 7

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag g/t	Au gr	
385.0	414.5	BIOTITE QUARTZ DIORITE: weak to moderately altered - becoming fresh towards the end of the hole.										
		385 - 393.0 - characterized by EP stringers and sausseritization; weak KF rimming feldspars and mod. SER replacing feldspars. Traces Mo with EP										
		393.0 - 402.0-shattered and sheared - magnetite - hematite prominent. Qtz, EP, Gypsum stringers. CP, Bo with specularite on fractures	57432 B	393.0	395.2	2.2		.17	.020	1.3	.86	
			57433 B	399.9	402.0	2.8		.12	.019	.5	<.1	
		402 - 414.5 - fresh. Locally mottled KF, SER, Alt.n. conspicuous gypsum in 2 mm seams minor sulphides	57434 B	402.0	404.4	2.4		.16	.002	.8	<.1	

DRILL HOLE LOG

LOCATION: 289.63 N, 3,976.11 E

AZIM: 006° True
DIP: -50°
ELEV: 1429.38 m
LENGTH: 402.3 m
CORE SIZE: B.Q

STARTED: August 10/81
COMPLETED: August 24/81
PURPOSE: To test IP target and investigate alteration assemblage in Hole 34
CORE RECOVERY: AVG. 87.8%; 1.79 m/run

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
12.2m		-55.5°	381.0m		-49.0m
76.2m		-55.0°			
152.4m		-54.0°			
228.7m		-53.0°			
304.8 m		-52.0°			

HOLE No. 55 | PAGE NO. 1

PROPERTY: Eaglehead
CLAIM NO: Eagle 124
SECTION: 3,975 m E
LOGGED BY: T.C. Scott
DATE LOGGED: Sept. 1981
DRILLING CO: Caron D. Drilling, Whitehorse
ASSAYED BY: Chemex Labs Ltd, North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS Cu %	Mo%	Ag.g/t	Au.g/t
										t = tonne
0	12.8	Overburden.								
12.8	20.75	CROWDED FELDSPAR PORPHYRY: Phenocrysts at 2-4 mm Plag. (50%); 2-3 mm round qtz, eyes (20%); 5% mafics; aphanitic groundmass 25% - traces malachite and limonite on fractures.	57435 B	17.4	21.0	3.6	.43	<.001	1.3	<.1
20.75	39.0	BIOTITE QUARTZ DIORITE: Well altered. KF mod; SER. intense; minor CL and CY. Fracturing intense. In general rock is crushed, bleached and very limonite. - Supergene Cu zone characterized by strong malachite on most fractures	57436 B	21.0	25.6	4.6	1.46	<.001	3.0	<.1
			57437 B	25.6	30.3	4.7	.59	<.001	1.7	<.1
			57438 B	30.3	34.7	4.4	.48	<.001	1.3	<.1
			57439 B	34.7	38.7	4.0	.32	<.001	.3	<.1
			57440 B	38.7	40.8	2.1	.23	<.001	.3	<.1
39.0	67.0	BIOTITE QUARTZ DIORITE: Fresh to weakly altered. Mottled pale green to pink by KF, SER, CL. Occasional trace of malachite and CP, PY	57441 B	49.4	51.2	1.8	.12	<.001	< .3	<.1
			57442 B	51.2	56.0	4.8	.20	<.001	.3	<.1
			57443 B	56.0	57.0	1.0	.27	.024	1.7	<.1
		46.75 - 47.0 - Grey Porphyry Dikes 48.25 - 48.5 "	57444 B	57.0	58.9	1.9	.33	.004	.8	<.1
		56.0 - 57.0 - Crushed fault gauge Trace of CP, Mo.	57445 B	58.9	61.6	2.7	.20	<.001	.3	<.1
			57446 B	61.6	63.9	2.3	.10	<.001	< .3	<.1
			57447 B	63.9	67.1	3.2	.03	<.001	< .3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 55	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo%	Ag.g/t	Au.g/t
67.0	87.0	BIOTITE QUARTZ DIORITE: Normally relatively fresh. Weak mottled appearance and weak fracturing. Minor Qtz. carb, stringers. Local weak EP. 75 - 78.5 - pervasive strong SER. which destroys texture. Minor sulphides									
87.0	172.5	BIOTITE QUARTZ DIORITE: Relatively fresh to locally moderate alt.n. In very short intersection where KF alter becomes mod.,mineralization CP, PY increases. Fracturing moderate throughout.	57448 B	86.6	87.8	1.2		.01	<.001	<.3	<.1
			57449 B	87.8	90.5	2.7		.16	<.001	.3	<.1
			57450 B	90.5	93.0	2.5		.07	<.001	<.3	<.1
			37501 C	93.0	95.3	2.3		.43	.003	.5	<.1
			37502 C	95.3	98.1	2.8		.05	<.001	<.3	<.1
		98.75 - 99.75 -									
		105.0 - 105.75 - CROWDED FELDSPAR PORPHYRY Dikes, Have PY on fractures looks like Grey porphyry									
		115.0 - 136.0 - alteration weak propylitic	37503 C	115.1	120.0	4.9		.15	<.001	<.3	<.1
		135 - 136 - GREY PORPHYRY DIKE	37504 C	120.0	122.8	2.8		.07	<.001	<.3	<.1
			37505 C	122.8	125.3	2.5		.36	<.001	.5	<.1
		136.0 - 172.5 - weak to mod. Propylitic alteration pervasive Weak sausseritization - apple to yellowish green colouration. - rock slightly finer grained than before GPD. - minor sulphides	37506 C	125.3	128.0	2.7		.20	.001	.5	<.1
			37507 C	128.0	130.5	2.5		.15	<.001	.3	<.1
			37508 C	130.5	131.7	1.2		.41	<.001	.8	<.1
			37509 C	165.3	168.9	3.6		.13	<.001	.5	.1

DRILL HOLE LOG

LOCATION:		HOLE No. 55	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
172.5	183	BIOTITE QUARTZ DIORITE: Well altered. KF mod. to intense with intense SER. CL mod. Fracturing intense - strong KF envelopes around qtz. veins subparallel to core axis. CP, BO, MO associated with the narrow qtz, veins. Frequent qtz. dolorite stringers within areas of intense SER.								
183.0	197.0	BIOTITE QUARTZ DIORITE: weak to moderately altered. Generally propylitic with stronger local zones of KF, SER. Possible sphene in matrix of BQDi. Occasional traces of PY, CP on fractures and replacement of mafics throughout.								
197.0	212.0	As above with slight overall increase in alteration intensity.	37510 C	204.9	206.5	1.6	.02	<.001	<.3	<.1
			37511 C	206.5	211.9	5.4	.01	.005	<.3	<.1
		209.4 - 211.75 - Crusted zone with intense SER, Minor Mo.	37512 C	211.9	214.2	2.3	<.01	<.001	<.3	<.1
			37513 C	214.2	217.0	2.8	.18	.007	.5	<.1
			37514 C	217.0	219.1	2.1	.15	.001	<.3	.17
212.0	237.5	BIOTITE QUARTZ DIORITE: Well altered and generally shattered. Mo normally associated with strong SER while CP, Bo more often with intense KF.	37515 C	219.1	221.0	1.9	.27	.060	1.0	.1
			37516 C	221.0	224.6	3.6	.16	.004	1.0	.1
			37517 C	224.6	228.0	3.4	.08	.002	.5	<.1
			37518 C	228.0	230.5	2.5	.06	<.001	.5	<.1
		EP alteration absent	37519 C	230.5	232.1	1.6	.27	<.001	.5	<.1
		220.4 - 221.0 - fault zone.	37520 C	232.1	234.5	2.4	.23	.001	.3	<.1
		231.3 - 231.75 - CROWDED FELDSPAR PORPHYRY at 10° KF envelope.	37521 C	234.5	237.7	3.2	.05	.001	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 55	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
			37522 C	237.7	240.0	2.3	1.26	.018	7.5	.21
237.5	269.4	BIOTITE QUARTZ DIORITE: Very well altered.	37523 C	240.0	242.6	2.6	.07	<.001	.3	< .1
		Rock generally crushed with several episodes of	37524 C	242.6	245.9	3.3	.05	<.001	< .3	< .1
		fracturing. KF, SER normally intense. Hematite	37525 C	245.9	249.0	3.1	<.01	<.001	<.3	< .1
		prominent as smears on fractures.	37526 C	249.0	251.1	2.1	<.01	<.001	<1.0	<.1
		CL. alt.n. mod. Mafics altered to buff to orange	37527 C	251.1	253.6	2.5	.12	<.001	1.0	<.1
		weathering CL accompanied by Dolomite.	37528 C	253.6	256.6	3.0	.39	.010	2.3	.14
		General trend of fracturing 45°.	37529 C	256.6	257.1	0.5	.60	.232	2.3	.1
			37530 C	257.1	259.4	2.3	.74	.022	3.9	.21
		256.5 - 258.0 - Qtz. veining with fine fractures	37531 C	259.4	261.3	1.9	.12	.005	<3	<.1
		coated in Mo and CP	37532 C	261.3	262.8	1.5	.57	.011	2.3	.14
		commonly at 65°	37533 C	262.8	265.3	2.5	.22	.004	.8	<.1
269.4	277.0	CROWDED FELDSPAR PORPHYRY .	37534 C	265.3	268.2	2.9	.13	<.001	.5	<.1
		2-3 mm feldspar and 3-4 mm Qtz. in aphanitic	37535 L	268.2	271.0	2.8	.04	<.001	.3	<.1
		graindmass.	37536 L	271.0	274.8	3.8	.06	<.001	.5	<.1
		CL/Dolomite and KF alt.n decrease away from upper	37537 L	274.8	278.0	3.2	.03	<.001	.5	<.1
		contact. CL, SER become dominant near footwall								
		Trace PY throughout.								
277.0	300.4	BIOTITE QUARTZ DIORITE: mod. to well altered.	37538 L	278.0	281.3	3.3	..14	.002	.8	<.1
		Medium grained and weakly foliated at 45-50°.								
		Fracturing mod. Minor sulphides throughout	37539 L	281.3	285.3	4.0	.04	.003	.3	<.1
		290.0 - decreasing KF but SER intense	37540 C	285.3	288.7	3.4	.13	.002	.5	<.1
		295.0 - 300.4 - low core recovery. Rock shattered	37541 C	288.7	292.6	3.9	.12	.002	.5	<.1
		Fault zone (?)								
			37542 C	292.6	300.4	7.8	.44	.005	1.7	.3

DRILL HOLE LOG

LOCATION:		HOLE No. 55	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
CORE RECOVERY:		DRILLING CO:	
		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne CU %	Mo %	Ag.g/t	Au.g/t
300.4	308.8	FAULT ZONE BQDi highly sheared and flooded by Qtz. Pervasive sericitization. Shearing in all directions but dominated by 25° - 40°. Qtz. contains occasional Dol. and pink calcite Qtz. stringers and floods contain CP, Mo at 35° - 45°. 306.0 - 307.25 - massive CP with traces of specularite.	37543 C	300.4	302.5	2.1	.40	.038	3.3	.1
			37544 C	302.5	304.3	1.8	1.54	.005	4.4	.2
			37545 L	304.3	306.3	2.0	4.50	.029	27.8	.6
			37546 L	306.3	308.8	2.5	12.6	.084	63.0	2.7
308.8	328.0	BIOTITE QUARTZ DIORITE: well altered Strong pervasive SER later than moderate KF. Rock appears as a waxy green nearly homogenous rock with soft greenish buff to salmon colour/ Traces hematite throughout. Traces CP, Bo throughout with Mo, Bo associated with Qtz.	37547 L	308.8	312.0	3.2	.28	.009	1.0	<0.1
			37548 L	312.0	315.8	3.8	.13	.003	.5	< .1
			37549 L	323.7	325.8	2.1	.32	.005	1.3	<0.1
			37550 C	325.8	328.0	2.2	.14	.002	.5	<0.1
328	349.6	BIOTITE QUARTZ DIORITE: Pervasively altered as above, except characterized by a sheared swirled texture due to overlap of several alt.ns and periods of deformation. - pervasively flooded by Qtz-Dol in veins and veinlets .5 cm to 5 cm. - rock contains buff orange mineral (CL or CL plus Dol.) with Quartz as a replacement of fragments and as a replacements of KF altered feldspars, dominant shearing 25° - 45° Minor sulphides - CP, BO, Mo throughout a replacements of mafics and fracture coatings.	37551 C	328.0	330.0	2.0	.17	.005	.5	< .1
			37552 C	330.0	334.4	4.4	.30	.019	1.7	< .1
			37553 C	334.4	338.0	3.6	.18	.008	.5	< .1
			37554 C	338.0	341.1	3.1	.52	.003	1.0	< .1
			37555 C	341.1	345.4	4.3	.24	.003	1.0	<.1
			37556 C	345.4	349.6	4.2	.56	.006	1.7	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 55	PAGE NO. 6
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
349.6	369.0	BIOTITE QUARTZ DIORITE: Well altered as above. Strong KF, mod. SER. Decrease in Qtz. veining Less foliated. Superimposed CY, Dol. alteration Well fractured and sheared at 45° - 50°. Minor traces of CP, Mo throughout.	37557 C	349.6	353.6	4.0	.46	.003	1.3	<.1
			37558 C	353.6	356.6	3.0	.21	.012	.5	<.1
369.0	380.0	BIOTITE QUARTZ DIORITE: Finer grained and mod altered. Mafics finer and altered to CL giving "Salt & Pepper" appearance. KF diminishing towards 380m numerous hairline Qtz- CARB with hematite at 85°.	37559 C	371.4	375.9	4.5	.10	.004	<.3	<.1
380	402.3	CROWDED FELDSPAR PORPHYRY Medium grey green BQDi (?) with 2-4 mm plag. and 2-5 mm qtz. in an aphanitic sericitized matrix. Fracturing mod. to intense where intense rock has sheared and crushed appearance. -several qtz, stringers with strong sericite envelopes. - Ground mass of CFP has mod. carbonate alt.n. - Minor CP, Bo, Mo throughout.								

DRILL HOLE LOG

LOCATION:	43 + 90 H W, 0 + 90 ft. N
AZIM:	045° T
DIP:	-50.0°
ELEV:	1391 m (approx.)
LENGTH:	245.7 m
CORE SIZE:	B.Q.
STARTED:	Aug. 27/81
COMPLETED:	Sept. 2/81
PURPOSE:	To Test IP Anomaly at L44+00W
	3+ 00N
CORE RECOVERY:	Avg. 86.6%; 1.9 m/run

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
15.6m		-54.0°			
76.2m		-51.0°			
152.4m		-48.0°			
228.7m		-47.0°			
245.7m		-45.5°			

HOLE No. 56 | PAGE NO. 1

PROPERTY: Eaglehead

CLAIM NO: Eagle 7 & 8

SECTION: L 44 + 00 W

LOGGED BY: D.A. Caulfield & T.C. Scott

DATE LOGGED: September 1981

DRILLING CO: Caron D. Drilling-Whitehorse

ASSAYED BY: Chemex Labs. Ltd. North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS Cu %	Mo%	Ag.g/t	Au.g/t
0	19.6	OVERBURDEN	57298 B	19.6	20.6	1.0	.07	<.001	.5	.1
19.6	52.2	BIOTITE QUARTZ DIORITE: Well altered. pale green to bleached grey. Has a swirled mylonitic foliation at 35-45°.	57299 B	20.6	21.9	1.3	.13	.010	.5	<.1
			57300 B	21.9	24.1	2.2	.23	.002	.5	<.1
			57301 B	24.1	26.5	2.4	.33	.005	.8	.2
		- Alteration predominately pervasive Qtz. - SER with minor carbonate (calcite in fractures & vugs; dolomite with Qtz, stringers).	57302 B	26.5	29.6	3.1	.03	<.001	<.3	<.1
		- SER. on fractures generally defines the foliation.	57303 B	29.6	32.6	3.0	.04	<.001	<.3	<.1
		- CL as whisps and swirls sub-parallel to foliation often has assoc. Mo and minor CP,PY.	57304 B	32.6	35.0	2.4	.03	.001	<.3	<.1
		- Minor CP, PY, Mo throughout on shears with SER	57305 B	35.0	38.1	3.1	.09	<.001	<.3	<.1
		30.6 - 36.5 - foliation absent; generally rusty section.	57307 B	40.2	43.3	3.1	.03	<.001	<.3	<.1
			57306 B	38.1	40.2	2.1	.02	.001	.3	.1
		36.5 - 52.2 - lack foliation. Silicification increasing downwards.	57308 B	43.3	47.2	3.9	.18	.001	<.3	.1
52.2	58.1	BIOTITE QUARTZ DIORITE: Brecciated and almost completely replaced by QTZ,FLOODING . Fragments of the original BQDi strongly sericitized.	57309 B	47.2	50.1	2.9	.21	<.001	<.3	<.1
			57310 B	50.1	52.2	2.1	.29	.005	.8	<.1
		Slight increase in Mo, CP mineralization.	57311 B	52.2	53.6	1.4	.29	.003	<.3	<.1
		Olive black CL on most fractures	57312 B	53.6	56.4	2.8	.15	.001	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 56	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
58.1	164.6	BIOTITE QUARTZ DIORITE: Well altered as in first section of hole by a strong pervasive silicification and sericitization. Fracturing remains normally intense throughout. CL alteration weak to mod. KF, EP normally absent.	37313 B	56.4	59.3	2.9	.06	.002	<.3	<.1
		- Grain boundaries generally indistinct	37314 B	59.3	62.5	3.2	.05	<.001	<.3	<.1
		61.0 - 66.8 - light drab green colour	37315 B	62.5	65.2	2.7	.13	.002	<.3	<.1
		- Qtz. as silicification or tight network of veinlets.	37316 B	65.2	68.6	3.4	.08	.006	<.3	<.1
		- CL as fractures @ 30°								
		- Qtz. veins appear later than CL.	37317 B	68.6	71.0	2.4	.01	<.001	<.3	.1
		- CP seems to parallel more Qtz.	37318 B	71.0	74.1	3.1	.01	<.001	<.3	<.1
		fractures than CL ones	37319 B	74.1	75.4	1.3	.08	<.001	<.3	<.1
		66.8 - 67.2 - DIABASE DIKE Dark green aphanitic, amygdaloidal with CL,EP,CA .Chilled margins	37320 B	75.4	77.8	2.4	.05	.002	<.3	<.1
		- Crosscuts Qtz, sericite alt.n. in	37321 B	77.8	81.2	3.4	.09	.006	<.3	<.1
		the BQDi.	37322 B	81.2	84.3	3.1	.13	.003	<.3	<.1
		67.2 - 82.7 - well altered but still devoid of KF alt.n. Minor sulphides throughout.	37323 B	84.3	86.9	2.6	.46	.017	1.0	<.1
			37324 B	86.9	89.4	2.5	.29	.028	<.3	<.1
		82.7 - 91.2 - highly fractured on sheared zone with obvious MoS_2 mineralization.	37325 B	89.4	92.4	3.0	.23	.005	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 56	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu%	Mo%	Ag.g/t	Au.g/t
58.1	164.6	(cont'd)								
		91.2 - 91.6 - Sheared and gouged section 45° to core axis..								
		91.6 - 98.0 - well altered - fracturing not as intense - less Qtz.	57326 B	92.4	94.2	1.8	.06	<.001	<.3	<.1
		CP with CL on fractures. Minor CP diss. and Mo.	57327 B	94.2	97.2	3.0	.07	.002	<.3	<.1
		98.0 - 114.2- Strong silicification with significant sulphide mineralization.	57328 B	97.2	100.6	3.4	.07	.002	<.3	<.1
		SER alt.n. mod. Fracturing intense	57329 B	100.6	103.9	3.3	.12	.001	<.3	<.1
		- Qtz. eyes recognizable but mafics destroyed and replaced by soft yellow mineral - CY or infrequently by muscovite	57330 B	103.9	106.9	3.0	.05	.002	<.3	<.1
			57331 B	06.9	110.0	3.1	.09	.003	<.3	<.1
		- Two fracture directions 0 - 20°: Contain Mo	57332 B	110.0	112.3	2.3	.13	.014	<.3	<.1
		35- 60°: CP, PY rich	57333 B	112.3	115.3	3.0	.07	<.001	<.3	<.1
		114.2 - 125.8- light green - bleached siliceous BGDi.	57334 B	115.3	119.0	3.7	.13	.002	<.3	<.1
		- CL locally intense	57335 B	119.0	121.5	2.5	.11	.005	<.3	<.1
		- Mo, CP locally strong								
		- minor Hematite	57336 B	121.5	125.0	3.5	.09	.003	<.1	<.1
			57337 B	125.0	128.5	3.5	.18	<.001	1.0	<.1
		125.8 - 142.2- Strongly foliated. Foliation crosscut by Qtz. CA flooding	57338 B	128.5	132.0	3.5	.04	<.001	.5	<.1
			57339 B	132.0	135.3	3.3	.05	.001	<.3	<.1
		- Spec. Hematite commonly associated with CP in Qtz. veins.	57340 B	135.3	138.3	3.0	.15	.002	<.3	<.1
		- Minor CP, Mo throughout	57341 B	138.3	142.1	3.8	.05	<.001	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 56	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = Tonne Cu %	Mo %	Ag.g/t.	Au.g/t.
58.1	164.6	(cont'd)								
		142.2 - 147.3 - Siliceously altered BQDi								
		- significant Mo CP - directly Associated with silica flooding	57342 B	142.1	145.0	2.9	.05	.003	< .3	< .1
		- overall increase in sulphides	57343 B	145.0	147.3	2.3	.84	.003	1.0	< .1
		147.3 - 150.7 - apple green due to SER	57344 B	147.3	150.4	3.1	.05	.011	<.3	<.1
		- decrease silica								
		- 149.8 - Qtz., Mo rich core	57345 B	150.4	153.7	3.3	.24	.011	<.3	<.1
		150.7 - 164.6 - Silica flooded, Granitic texture of BQDi completely destroyed	57346 B	153.7	156.5	2.8	.16	<.001	<.3	<.1
		- Fracturing intense throughout.								
		--micro fracturing radiating from veins obvious.	57347 B	156.5	159.5	3.0	.16	.001	<.3	<.1
		- Qtz/CA gashes up to 10 cm	57348 B	159.5	162.6	3.1	.21	.002	<.3	<.1
		- 159 - 164.5 - definite increase in overall sulphides.	57349 B	162.6	164.6	2.0	.73	.048	.5	<.1
		Most prominent mineralized fracture directions at 0^{o} and 60^{o}								
164.6	182.5	BIOTITE QUARTZ DIORITE: Mod. to well altered	57350 B	164.6	168.0	3.4	.13	.002	<.3	<.1
		Decrease in silica content downwards.	57351 B	168.0	171.4	3.4	.06	<.001	<.3	<.1
		Original grain textures now recognizable for the first time in the hole.	57352 B	171.4	174.8	3.4	.25	.002	<.3	<.1
		172. 0 - 173.5 -mod. KF alt.n. increased CP, Bo, Mo	57353 B	174.8	177.8	3.0	.04	.002	<.3	<.1
		173.5 - 182.5 - mod. altered. weak KF, Mod. SER, weak EP.								
		Trace sulphides throughout	57354 B	177.8	181.0	3.2	.07	.001	<.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 56	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = Tonne	Cu	Mo	Ag.g/t	Au.g/t
182.5	203.8	BIOTITE QUARTZ DIORITE: well altered Dark Green. Intensely fractured. Grain boundaries again ± indistinct. Qtz.- CA. veining with broad silicification and bleaching. Olive black CL frequent. Soft earthy Hematite with CA on fractures. Trace sulphides throughout with occassional Qtz. vein with CP, Mo.	57355 B	181.0	184.1	3.1		.03	.002	<.3	<.1
			57356 B	184.1	187.2	3.1		.02	.001	<.3	<.1
			57357 B	187.2	190.3	3.1		.04	.002	<.3	<.1
			57358 B	190.3	193.4	3.1		.09	.002	<.3	<.1
			57359 B	193.4	196.8	3.4		.12	.001	<.3	<.1
203.8	215.5	BIOTITE QUARTZ DIORITE: As above section except degree of alteration less intense. Grain boundaries somewhat distinct. Decrease in overall sulphides throughout.	57360 B	196.8	200.0	3.2		.13	.004	<.3	<.1
			57361 B	200.0	202.5	2.5		.87	.008	1.7	<.1
			57362 B	202.5	206.3	3.8		.04	.005	<.3	<.1
		212.9 - intense bleaching by Qtz. Minor CP	57363 B	206.3	209.6	3.3		.01	<.001	<.3	<.1
			57364 B	209.6	213.1	3.5		.03	.002	<.3	<.1
215.5	222.0	BIOTITE QUARTZ DIORITE: Mod. altered. Introduction of mod. Propylitic alteration and Hematite. EP occurs on fractures as well as pervasive throughout. KF envelopes which appear much earlier than EP, HE fractures. Trace sulphides.									

DRILL HOLE LOG

LOCATION:											HOLE No. 56	PAGE NO. 6	
AZIM:	ELEV:										PROPERTY:		
DIP:	LENGTH:												
	CORE SIZE:										CLAIM NO:		
STARTED:											SECTION:		
COMPLETED:											LOGGED BY:		
PURPOSE:											DATE LOGGED:		
											DRILLING CO:		
CORE RECOVERY:											ASSAYED BY:		

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS T = Tonne	Cu %	Mo %	Ag.g/t	Au.g/t
222.0	241.4	BIOTITE QUARTZ DIORITE: Well altered. Well fractured. Light green colour overprinted on earlier red - brown colour. Original textures destroyed with only Qtz. eyes distinguishable	57365 B	222.4	226.0	3.6		.04	<.001	<.3	<.1
			57366 B	226.0	229.4	3.4		.05	<.001	<.3	<.1
		- translucent SER (green) alteration of feldspars	57367 B	229.4	232.8	3.4		.09	.002	<.3	<.1
		- bleaching by silica									
		- olive black CL, Salmon pink KF	57368 B	232.8	236.1	3.3		.03	<.001	<.3	<.1
		227.5 - 230. - brecciated, crushed zone	57369 B	236.1	239.4	3.3		.02	<.001	<.3	<.1
		236.6 - 248.8 -salmon pink KF stronger	57370 B	239.4	241.9	2.5		.06	.003	<.3	<.1
		-frequent Qtz.veins at 0, 30° - 50°									
		-pervasive EP alt.n. overprinted on KF altered envelopes.	57371 B	241.9	245.8	3.9		.02	<.001	<.3	<.1
		-HE prominent on fractures.									

DRILL HOLE LOG

LOCATION: L28 + 00 ft.W, 1 +50 ft. S		HOLE No. 57	PAGE NO. 1
AZIM: 045° True	ELEV: 1450 m (Approx.)	PROPERTY: Eaglehead	
DIP: -50°	LENGTH: 277.4 m	CLAIM NO: Eagle 5/6	
	CORE SIZE: B.Q.	SECTION: L 28W	
STARTED: Sept. 3/81		LOGGED BY: T.C. Scott	
COMPLETED: Sept. 11/81		DATE LOGGED: October 1981	
PURPOSE: To test IP Anomaly at L28W-2N		DRILLING CO: Caron D. Drilling - Whitehorse	
CORE RECOVERY: AVG. 88.6%; 1.8 m/run		ASSAYED BY: Chemex Labs. Ltd. North Vancouver	

DIP TEST

FOR Metres	READING	CORRECT	Metres	READING	CORRECT
15.2m		-42.5°			
76.2m		-45.0°			
152.4m		-47.0°			
228.6m		-39.0°			

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag.g/t	Au.g/t
0	12.8	OVERBURDEN									
12.8	64.75	MYLONITE: A pale grey fine grained bleached rock whose original character is completely destroyed by alteration and shearing action. - composed of remnant Qtz. grains 2-4 mm. and sericite with chlorite. - original feldspars destroyed. - invaded by numerous Qtz. veinlet with calcite or dolomite. - SER and CL on fractures. - dominant foliation 50°. - weak granitic texture locally suggestive of Biotite Quartz Diorite but possibly a volcano-clastic. - 24.5 - 29.5 - lack mylonitization - weak intrusive fabric. - alteration consists of intense SER with mod. CL,; weak KF. - occasional CP, PY, Mo on fractures mainly with Qtz, CL.	37584 C	47.9	52.2	4.4		.05	.004	.3	< .1
64.75	90.5	MYLONITE: Rock now has granitic texture and is likely Biotite Quartz Diorite. Consists of a feldspar mush in an aphanitic sericitized groundmass. - distinct foliation at 60° - 75° - indicated by narrow SER. shears with DOL, Qtz, PY. - alteration consists of intense SER with Mod.CL and Qtz. veining and flooding. - Minor sulphides throughout.									

DRILL HOLE LOG

LOCATION:		HOLE No. 57	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag.g/t	Au.g/t	Zn%
90.5	103.0	BIOTITE QUARTZDIORITE: Mod. altered and shattered Alt.n. Mod. SER, weak CL. - diffuse feldspar grain boundaries - weak foliation 70 - 80°. - trace CP with Qtz.										
103.0	110.75	SILICEOUS BRECCIA: Contact zone. Highly shattered at high angles 45 - 70°. - weak KF, Mod. strong SER; weak CL.	37585 C	103.0	106.8	3.8		.11	.001	<.3	<.1	.01
			37586 C	106.8	108.8	2.0		.12	.012	.3	<.1	.01
		108.8 - 109.4 - altered chloritized Volcanics - CP, PY, Mo parallel to foliation 75° and with Qtz. flooding. Minor sphalerite.	37587 C	108.8	109.4	0.6		1.40	.016	5.5	.2	.10
110.75	133.3	GREY PORPHYRY DIKE: Dark relatively fine grained yellowish-grey rock with 2-4 mm plagiochase in a near aphanitic matrix of SER, CL. Occasional Qtz. eye. Some fine grained chilled sections - distinct but diffused lower contact	37588 C	109.4	112.8	3.4		.08	.002	.3	<.1	.01
			37589 C	112.8	114.6	1.8		.03	.002	<.3	<.1	.01
			37590 C	114.6	118.2	3.6		.18	<.001	.5	<.1	-
		114.75 - 115.2 - altered chloritized volcanics 117.75 - 118.25 "										

DRILL HOLE LOG

LOCATION:										HOLE No. 57	PAGE NO. 3
AZIM:	ELEV:	DIP TEST						PROPERTY:			
DIP:	LENGTH:										
	CORE SIZE:	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM NO:			
STARTED:								SECTION:			
COMPLETED:								LOGGED BY:			
PURPOSE:								DATE LOGGED:			
								DRILLING CO:			
CORE RECOVERY:								ASSAYED BY:			

Metres FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
110.75	133.3	(cont'd) - Qtz. - CA and EP veins with local CP mineralization. - overall alteration mod. SER, CL, weak EP.					
133.3	138.75	BIOTITE QUARTZ DIORITE: Med. grained mod. altered 10 - 15% large 3-5 mm Qtz. grains. -partially sausseritized with weak KF association. - weak foliation - mafics 70°. - fracturing weak. - minor HE.					
138.75	144.5	GREY PORPHYRY DIKE: As above dikes but has distinct chilled contacts. - weak foliation of mafics 60°.					
144.5	156.5	BIOTITE QUARTZ DIORITE: with numerous GREY PORPHYRY DIKES . - alteration mod. throughout consisting of SER, CL with lesser KF, EP. - Dike contacts normally distinct but different. 144.5 - 146.5 - BIOTITE QUARTZ DIORITE 146.5 - 148.75 - G.P.D. 148.75 - 150.25 - B.Q.D.1					

DRILL HOLE LOG

LOCATION:								HOLE No. 57	PAGE NO. 4
AZIM:	ELEV:							PROPERTY:	
DIP:	LENGTH:	DIP TEST							
	CORE SIZE:	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM NO:	
STARTED:								SECTION:	
COMPLETED:								LOGGED BY:	
PURPOSE:								DATE LOGGED:	
								DRILLING CO:	
CORE RECOVERY:								ASSAYED BY:	

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Co %	Mo %	Ag.g/t	Au.g/t	Zn.%
144.5	156.5	(cont'd) 150.25 - 152.0 - G.P.D. 152.0 - 153.25 - B.Q.D.i 153.25 - 156.5 - G.P.D.										
156.5	159.0	SILICEOUS BRECCIA: Contact zone, intensely fractured. Trace PY, CP.										
159.0	169.5	ALTERED VOLCANICS (Hornfels) (Kutcho ?) - appears as alternating bands of fine grained volcanoclastics in part pelitic. - bands of varying thickness from several cm to few metres. - minor sulphides noted. Band type 1 - very f.g. dark greenish black, characterized by diss. of v.f.g. and spec. HE in V.f.g. Qtz. grains. Contains streaks and blobs of CP. - weak foliation 75 - 80°. Band type 2 - fine - medium grained olive coloured slightly bleached pelite. Characterized by distinct 1-2 mm sericitized felds. fragments in a sericitized matrix which contains yellowish-buff micaceous minerals - no spec. HE or CP	37591 C 37592 C	161.3 164.7	164.7 169.5	3.4 4.8		.20 .82	<.001 <.001	1.0 3.9	<.1 <.1	.03 .10

DRILL HOLE LOG

LOCATION:		HOLE No. 57	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t	Zn.%
169.5	173.25	BIOTITE QUARTZ DIORITE: siliceous and bleached with carbonate alteration throughout.									
173.25	185.25	GREY PORPHYRY DIKE: as above G.P.D. with chilled margins and several f.g. Qtz-Carb. stringers at 10°. - weak propylitic alteration. - CL interstitial after mafics. - SER. interstitial and causing grey green colour to feldspars. - earthy HE on fractures. - traces CP, PY, Mo.									
185.25	191.0	ALTERED VOLCANICS (Hornfels)	37593 C	184.2	188.4	4.2	.21	<.001	2.3	<.1	.02
		Band type 1 variety as described in 159.0 - 169.5 section above. - conspicuous rosettes of spec. HE with CP. - if hornfels, CL is probably primary. - footwall distinct at 80°. - fine CP, PY diss. throughout	37594 C	188.4	191.0	1.6	.17	<.001	1.3	.4	.01
191.0	197.8	SILICEOUS BRECCIA: May have been B.Q.D.i in part with altered volcanic inclusions. - bleached grey green with pinkish buff dolomite alteration.	37595 C	191.0	193.5	2.5	.03	.001	<.3	<.1	<.1
			37596 C	193.5	197.1	3.6	.07	.002	<.3	<.1	<.01

DRILL HOLE LOG

LOCATION:		HOLE No. 57	PAGE NO. 6
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS Cu %	Mo %	Ag.g/t	Au.g/t	Zn %
197.8	201.5	ALTERED VOLCANICS (Hornfels) Band type 1 variety as described	37597 C	197.1	198.2	1.1	1.92	<.001	5.0	.5	.01
		Traces CP, PY with diss. specularite throughout. Minor banded CP, PY at 70°	37598 C	198.2	201.5	3.3	.36	<.001	2.8	<.1	.05
			37599 C	201.5	205.7	4.2	.51	.002	3.9	.2	.02
201.5	208.5	SILICEOUS DOLOMITIZED BRECCIA. Contact zone. In part BQD1 (?) altered volcanics and G.P.D. - shattered with CP, PY on most fractures and as irregular blebs in vuggy siliccous rock.	37600 C	205.7	208.5	2.8	.32	.001	.5	.1	.01
208.5	255.0	GREY PORPHYRY DIKE: Well altered. Silicified and dolomitized - bleached. - very fine grained, impregnated with Qtz - DOL veinlets generally at o°, 10°, 45°. Qtz.flood decreases slightly downwards. - where dolomite alteration is less intense rock becomes darker coloured f.g. and has a fuzzy granitic texture. NOTE: Perhaps drill hole is running down the edge of G.P.D. just inside alt.n. halo of last major quartz-carb. flood and breccia which ended at 208.5 ?? - occasional earthy HEδ later than EP - 232.0 Fluorite at 25°	37601 C	208.5	210.3	1.8	.07	<.001	<.3	<.1	<.01
			37602 C	249.0	251.8	2.8	.12	.029	<.3	<.1	

DRILL HOLE LOG

LOCATION:		HOLE No. 57	PAGE NO. 7
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS	Cu %	Mo %	Ag g/t	Au g/t	Zn %
255.0	260.2	SILICEOUS DOCOMITICED BRECCIA: contact zone probably altered variety of above rock. - bleached grey buff - CP, PY as weak diss. and on fractures commonly 45 - 65°.	37603 C	255.0	257.7	2.7		.05	<.001	<.3	<.1	
			37604 C	257.7	260.3	2.6		.34	.002	.5	<.1	
260.2	264.0	CROWDED FELDSPAR PORPHYRY: Large Qtz. and Plagioclase phenocrysts in a chilled near glossy matrix - sharp contacts - fine earthy HE.										
264.0	265.8	DIABASE: Very fine grained black. - sharp contacts and later than C.F.P.										
265.8	276.0	CROWDED FELDSPAR PORPHYRY: Phenocrysts of Qtz - Feldspar 2-5 mm in a glossy matrix. 267.5 - 276.0 - very poor core recovery. - contact zone. Highly broken ground.										
276.0	277.4	BIOTITE QUARTZ DIORITE: Very fine grained but not chilled - Occasional 3-4 mm Qtz. and 2-3 mm Plagioclase in fine 1 mm, crystalline matrix of Qtz.,Felds. and 4% biotite altered to chlorite. - grey salt and pepper matrix. - relatively fresh with trace of EP										

DRILL HOLE LOG

LOCATION:	3340 m E 730 m N (Approx.)	HOLE No.	58
		PAGE NO.	1
AZIM:	000° T	ELEV:	1470 m (Approx.)
DIP:	-65°	LENGTH:	295.7 m
		CORE SIZE:	B.Q.
STARTED:	Sept. 12/81		
COMPLETED:	Sept. 23/81		
PURPOSE:	To test easterly extension of Bornite Zone.		
CORE RECOVERY:	Avg. 82.8%: 1.39 m/run		

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
21.3m		69.0°			
76.2m		64.5°			
152.4m		64.5°			
295.7m		63.0°			

PROPERTY:	Eaglehead
CLAIM NO:	Eagle 120/122
SECTION:	3340 m E
LOGGED BY:	T. C. Scott
DATE LOGGED:	October 1981
DRILLING CO:	Caron D.Drilling - Whitehorse
ASSAYED BY:	Chemex Labs Ltd. North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
0	6.7	OVERBURDEN								
6.7	12.8	BIOTITE QUARTZ DIORITE: Mod. to strong alteration Med. grained - 15% Qtz. eyes 3-6 mm; 10% plagioclase 3-4 mm; 60% matrix Qtz - Plag; 15% mafics chlorite after Biotite. - very shattered and crushed. - CP, PY, Mo minor.	37605 C	6.7	12.8	6.1	.31	.007	1.0	.3
12.8	20.35	As above except extremely shattered and core recovery poor.								
20.35	32.75	BIOTITE QUARTZ DIORITE: Mod. potassic alteration. More competent than above. Generally dark olive with KF envelopes. Trace CP, Mo.	37606 C	27.9	30.0	2.1	.07	.010	.3	<.1
		30° - 32.25 - Strong Mo, CP with Qtz -CARB and CL.								
32.75	39.75	CROWDED FELDSPAR PORPHYRY 40% plagioclase 2-4 mm and 5% Qtz. 2-3 mm in crystal mush of Qtz - plagioclase with aphanitic groundmass. - coarse blocky fracturing.	37607 C	30.0	32.4	2.4	.65	.072	1.0	.2
39.75	52.5	BIOTITE QUARTZ DIORITE: well altered with bleached olive colour and weak Qtz - DOL. flooding at 45°. - minor earthy HE.								

DRILL HOLE LOG

LOCATION:		HOLE No. 58	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag, g/t	Au, g/t
52.5	56.5	BIOTITE QUARTZ DIORITE: Well altered as above, much finer grained. Rock has crushed appearance with shearing at 70 - 80°.									
56.5	82.5	BIOTITE QUARTZ DIORITE: with numerous narrow intersections of CROWDED FELDSPAR PORPHYRY. B.Q.D.i - medium grained and mod. altered. Increased KF mainly as alteration of groundmass and larger feldspars. - crushed with strong Qtz, SER, CL fractures. - EP on many fractures and as replacement of mafics. - traces of earthy HE. C.F.P. - as above intersections with chilled margins. 56.5 - 61.4 - B.Q.D.i 61.4 - 62.4 - C.F.P. 62.4 - 63.3 - B.Q.D.i 63.3 - 63.6 - C.F.P. 63.6 - 66.0 - B.Q.D.i. 66.0 - 68.75 -BQDi Breccia with strong shearing at 45°. 68.75 -70.4 - B.Q.Di 70.4 - 72.6 - C.F.P.									

DRILL HOLE LOG

LOCATION:		HOLE No. 58	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	~~Metres~~ FROM	~~Metres~~ TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
56.5	82.5	(cont'd) 72.6 - 75.6 - B.Q.Di - propylitic alt.n. 75.6 - 77.3 - C.F.P. 77.3 - 82.5 - B.Q.Di								
82.5	116.25	CROWDED FELDSPAR PORPHYRY with narrow intersections of BIOTITE QUARTZ DIORITE . Both rock types as above. - minor CP and earthy HE with CL, KF in fractures. 82.5 - 85.2 - C.F.P. 85.2 - 86.0 - B.Q.Di 86.0 - 102.5- C.F.P. 102.5 - 103.3- B.Q.Di 103.3 - 107.0--C.F.P. 107.0 - 108.1- B.Q.Di 108.1 - 116.25- C.F.P.								
116.25	128.75	BIOTITE QUARTZ DIORITE: mod. altered SER, CL, minor KF. Shattered and sheared with CL, SER, HE fracturing at 20 - 25°. Traces CP, Bo, Mo. minor magnetite.								
128.75	160.5	CROWDED FELDSPAR PORPHYRY: alteration weak. Characterized by reticulate fine fractures filled with calcite plus Qtz. with KF,SER envelopes. Weak propylitic overprint. Fracturing at 80°.								

DRILL HOLE LOG

LOCATION:		HOLE No. 58	PAGE NO. 4
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
128.75	160.5	(Cont'd) flattening to 50° at 145 M. 152.75 - 156.5 - swirled shearing, fabric destroyed. 30 - 40°. - footwall contact sharp 30°. Matrix of CFP becomes darker and more aphanitic near contact.								
160.5	173.75	BIOTITE QUARTZ DIORITE: Well altered mod. to strong KF, SER with weak to mod. CL EP absent. Fracturing intense at 30°. CP, Bo with Qtz- CL fractures at 10° -30° and as weak diss. replacing mafics.	37608 C	160.6	162.15	1.55	.08	.003	<.3	<.1
			37609C	162.15	166.1	3.95	.35	.004	1.9	.1
			37610C	166.1	168.5	2.4	.07	.003	.3	<.1
			37611C	168.5	171.3	2.8	.06	.002	<.3	<.1
		171.5 - Brecciated zone - possible fault	37612C	171.3	173.7	2.4	.12	.002	.5	<.1
173.75	200.0	BIOTITE QUARTZ DIORITE: Relatively weak altered with minor KF flooding with CL and associated CP, Bo.	37613C	173.7	178.9	5.2	.06	.002	<.3	<.1
			37614C	178.9	182.2	3.3	.06	.001	.5	<.1
			37615C	182.2	185.2	3.0	.36	.003	1.3	.4
		185.5 -187.5 - BQDi fresh, light greenish white, bright biotite.	37616C	185.2	188.1	2.9	.01	.001	<.3	<.1
			37617C	188.1	191.1	3.0	.01	<.001	<.3	-
		193.75-194.75 -Brecciated zone, possible fault CP, Bo with Qtz - CL.	37618C	191.1	192.5	1.4	.01	.001	<.3	-
			37619C	192.5	195.0	2.5	.82	.001	1.0	<.1
			37620C	195.0	198.1	3.1	.15	<.001	.5	<.1
			37621C	198.1	200.4	2.3	.16	.002	<.3	-

DRILL HOLE LOG

LOCATION:		HOLE No. 58	PAGE NO. 5
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag g/t	Au g/t
200.0	215.5	BIOTITE QUARTZ DIORITE:Mod. alteration. Bleached to olive buff colour with salmon pink KF, SER mod., CL weak to mod. Fracturing intense 45 - 65°. - Traces CP with CL	37622C	200.4	203.0	.6	.15	.002	.5	< .1
			37623C	203.0	205.8	2.8	.21	.004	.5	< .1
		209.5 - 212.5 - very low recovery 10° to 15° shearing with SER -CL. Major FAULT ZONE								
215.5	236.75	BIOTITE QUARTZ DIORITE: Weakly altered. Weak KF with propylitic overprint. Locally sausseritized. 222 - 235 - mod. KF.								
236.75	254.25	CROWDED FELDSPAR PORPHYR Chilled and sharp contacts. Aphanitic groundmass near contacts but grading to fine crystal mush near center where shattering and increase SER occurs. - KF weak but pervasive. - numerous Qtz - CARB. micro fractures at 60°. - minor earthy HE.								
254.25	267.0	BIOTITE QUARTZ DIORITE: Weakly altered with blocky fracturing at 60°.								
267.0	295.5	BIOTITE QUARTZ DIORITE: Mod. to well altered. Marked increase in dark CL. on fracturing, associated with earthy HE. KE mod. to locally intense. SER - locally intense.Overall CL mod. Trace CP, Mo on fractures assoc.with CL at 30° - 45°.								

DRILL HOLE LOG

HOLE No. 59 | PAGE NO. 1

LOCATION: 183 m N 3975 m E (Approx.)

AZIM: 000° True | ELEV: 1430 m (Approx.)
DIP: -50° | LENGTH: 317.6 m
CORE SIZE: B.Q.

STARTED: Sept. 24/81
COMPLETED: Oct. 4/81
PURPOSE: To test IP Anomaly south of Hole 55

CORE RECOVERY: Avg. 83.5%; 1.4m /run

DIP TEST

Metres	READING	CORRECT	Metres	READING	CORRECT
30.5m		-50°			
76.2m		-52.5°			
152.4		-53.0°			
228.6		-55.0°			

PROPERTY: Eaglehead
CLAIM NO: Eagle 124
SECTION: 3975 m E
LOGGED BY: T. C. Scott
DATE LOGGED: November 1981
DRILLING CO: Caron D. Drilling - Whitehorse
ASSAYED BY: Chemex Labs Ltd. North Vancouver

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag.g/t	Au.g/t
0	12.2	OVERBURDEN								
12.2	159.75	HORNBLENDE QUARTZ DIORITE: Medium grained Qtz. DIORITE with occasional 2-4 mm grain of chloritized hornblende - 2-4 mm plagioclase throughout. - 15% Qtz. approx. 2 mm. - well foliated at 35°. Rock changes from dark hornblende rich chilled zones to grey diorite with conspicuous weakly altered plagioclase. - hole is possibly running down contact zone. - CP on fractures within Diorite. 36.0 - chilled section. 55.0 - strong flow banding throughout at 0-15°. 79.0 - aplitic flooding. Mod. KF 102.5 - 103.75 - Dol. flooding, bleached olive colour. Fracturing at 80°. 124.0 - chilled section.								
159.75	179.75	CONTACT ZONE: mizture of fine grained DIORITE: chilled porphyritic Diorite . and foliated Qtz. Diorite. The main characteristics of the zone are the change to f.g. B.Q.Di as well as m.g.B.Q.Di and intense Qtz. flooding with KF.	37624 C	159.7	161.5	1.8	.09	<.001	.3	<.1
			37625 C	161.5	165.2	3.7	.58	.011	.3	<.1
			37626 C	165.2	168.5	3.3	.10	<.001	.3	<.1

DRILL HOLE LOG

LOCATION:		HOLE No. 59	PAGE NO. 2
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne Cu %	Mo %	Ag g/t	Au g/t
159.75	179.75	(cont'd) - definite increase in sulphide content. CP, Mo Py in Qtz. at 15° - 45°. with weak diss. PY, CP on fractures.	37627 C	168.5	171.3	2.8	.16	<.001	.3	<.1
		- In the zone of intense Qtz. flooding 173.25 - 177.0, CP, PY, Mag. with carbonates and in seam with Qtz. is common.	37628 C	171.3	173.2	1.9	.17	.001	.3	<.1
			37629 C	173.2	177.1	3.9	.70	.001	.3	<.1
179.75	204	BIOTITE QUARTZ DIORITE: fine grained characterized by strong KF alteration, and aplitic flooding. Becomes finer grained down section with a sharp chilled lower contact.	37630 C	177.1	180.7	3.6	.12	.011	.3	<.1
			37631 C	180.7	183.5	2.8	.07	.002	.3	<.1
			37632 C	183.5	185.7	2.2	.29	.001	.3	<.1
			37633 C	185.7	190.1	4.4	.13	.003	.3	<.1
			37634 C	190.1	191.1	1.0	1.30	<.001	.3	<.1
		Traces CP, Magnetite throughout.	37635 C	191.1	192.9	1.8	.11	.029	.3	<.1
		190 -191 - strong CP with Trace Mo in Qtz -CL.	37636 C	192.9	195.4	2.5	.10	.003	.6	<.1
			37637 c	195.4	197.8	3.4	.17	.003	.3	<.1
			37638 C	197.8	200.5	2.7	.06	.002	.3	<.1
204	228.4	BIOTITE QUARTZ DIORITE: medium grained Well altered - mod. to strong KF, SER. Weak to mod. CL. Intense blocky fracturing Mineralization throughout. CP, Bo with CL, SER - Qtz. flooding 65 - 70°. Magnetite - CP at 30° - Minor diss. after mafics.	37639 C	200.5	204.1	3.6	.07	.002	.3	<.1
			37640 C	204.1	209.4	5.3	.15	.002	.3	<.1
			37641 C	209.4	212.4	3.0	1.05	.024	.3	<.1
			37642 C	212.4	215.2	2.8	1.00	.004	.3	<.1
			37643 C	215.2	217.6	2.4	.46	.002	.3	<.1
			37644 C	217.6	220.6	3.0	.23	.003	1.7	<.1
			37645 C	220.6	224.0	3.4	.18	.001	.3	<.1

DRILL HOLE LOG

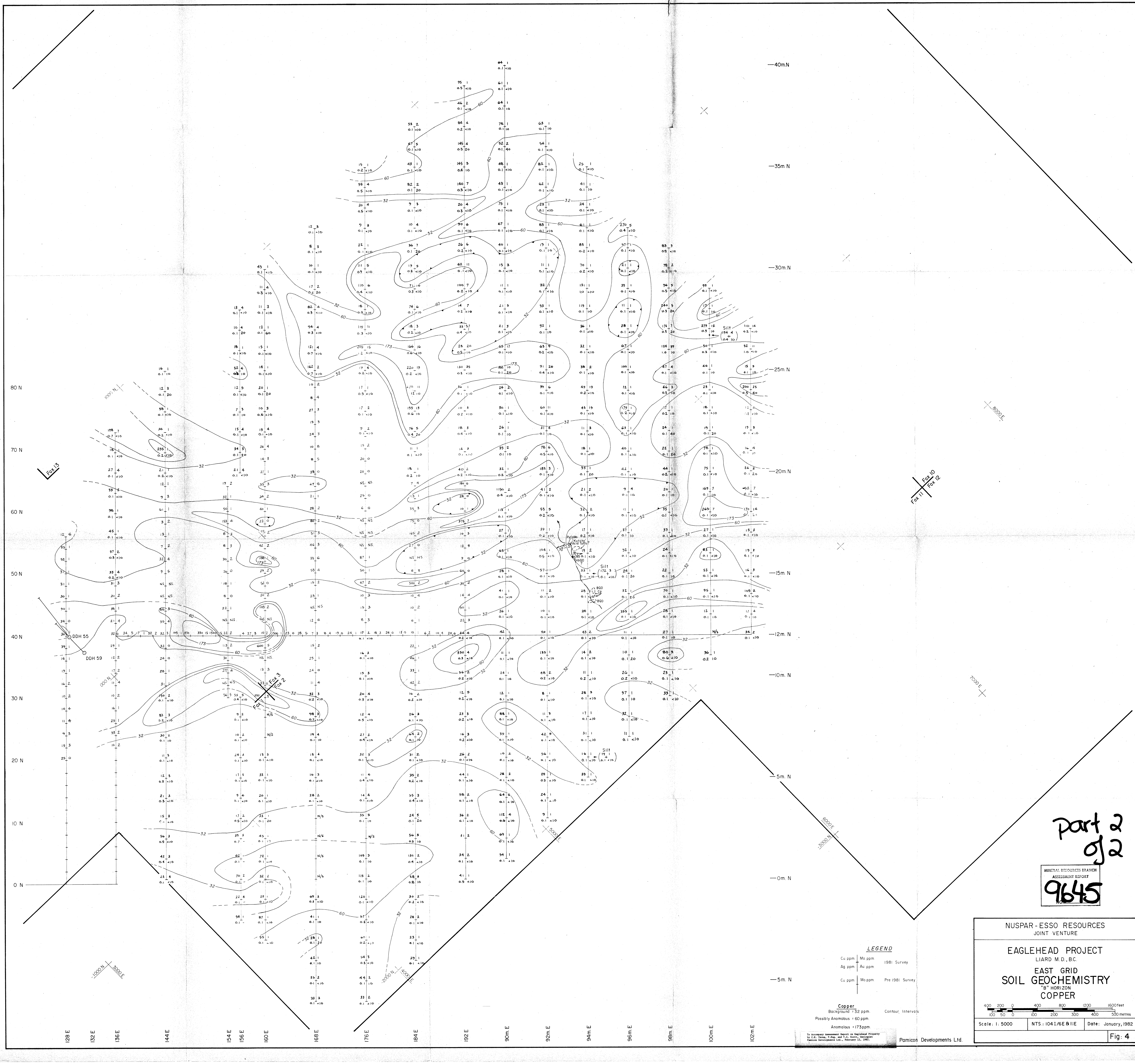
LOCATION:		HOLE No. 59	PAGE NO. 3
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

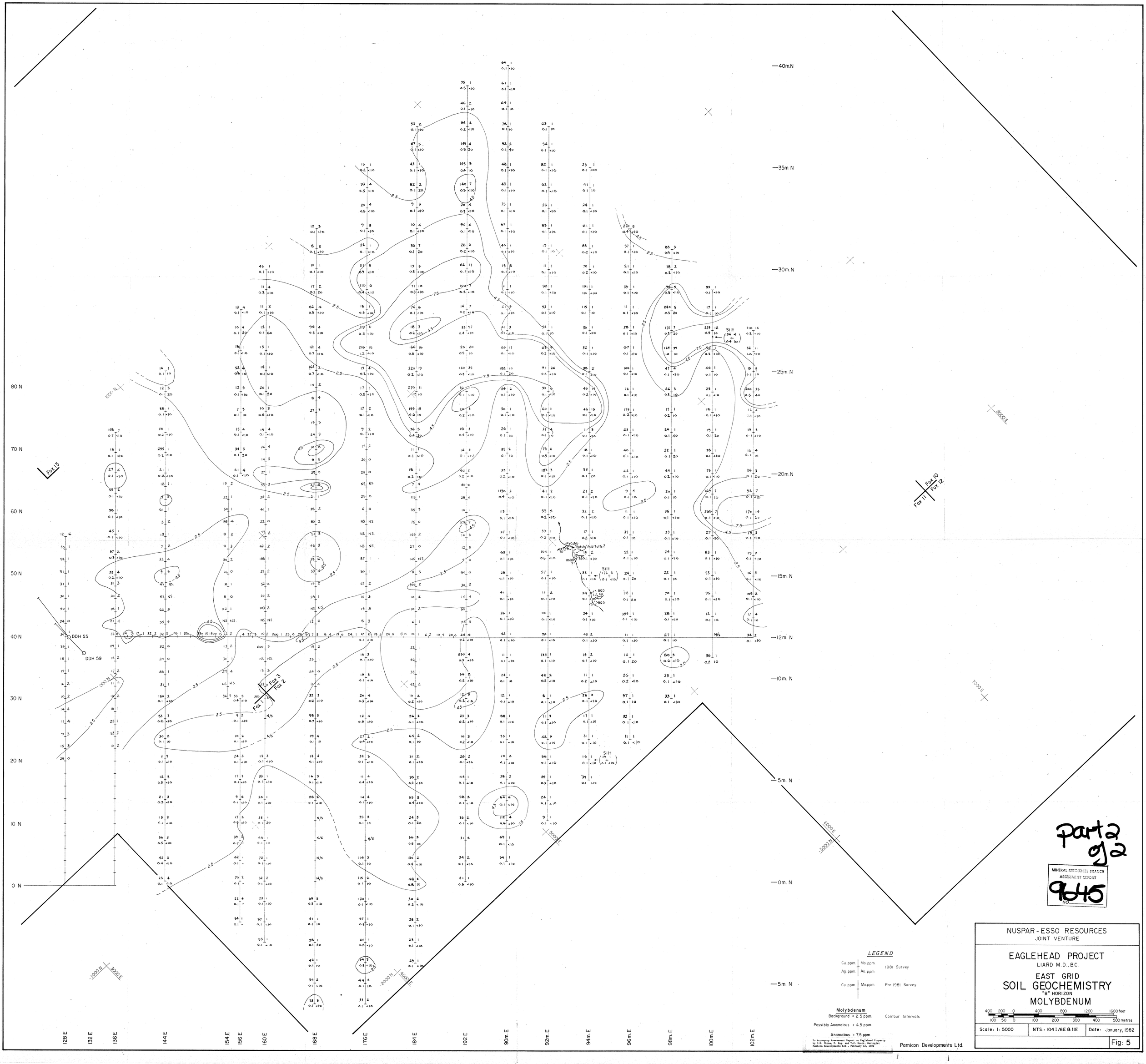
DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

Metres FROM	Metres TO	DESCRIPTION	SAMPLE NO.	Metres FROM	Metres TO	LENGTH	ASSAYS t = tonne	Cu %	Mo %	Ag g/t	Au g/t
228.4	229.5	BIOTITE QUARTZ DIORITE: chilled fine grained dike									
229.5	295.5	BIOTITE QUARTZ DIORITE: Relatively fresh to weakly altered. Only occasional section where the alteration becomes mod. Propylitic overprint. Moderate blocky fracturing at 70° - 80°. 239.25 - 247.25 - fine grained section of B.Q.Di with diffused contacts. - foliation at 75°. - Only traces of CP with PY throughout. -275 - 295.5 - Conspicuous hornblende -290 - 290.5 - massive magnetite with CP in Qtz. with EP. KF envelope.	37646 C	289.9	293.1	3.2		.16	.001	.3	< .1
			37647 C	293.1	295.9	2.8		.14	<.001	.3	< .1
295.5	309.5	BIOTITE QUARTZ DIORITE: Mod. to well altered. KF, SER strong, CL mod. and EP absent. 296.0 - 302.0 - definite increase in sulphides. Bo, Mo in fine fractures 45° - 90° with Qtz. - earthy HE throughout.	37648 C	295.9	299.1	3.2		.70	.088	.3	< .1
			37649 C	299.1	302.0	2.9		.26	.005	.3	< .1
			37650 C	302.0	303.6	1.6		.23	.001	.3	< .1
309.5	311.0	QUARTZ FELDSPAR PORPHYRY: Dike. Chilled margins. Trace of KF alteration in feldspars. Minor CP at 20° with Qtz									
311.0	317.6	BIOTITE QUARTZ DIORITE: Relatively fresh. Weak KF alteration. Traces of CP with Qtz. on fractures and replacing mafics. PY on late fractures at 80°.									

EAGLEHEAD LAKE
West Zone
Camp Zone
Pass Zone
Bornite Zone
East Zone
Far East Zone
Biotite Granodiorite
Biotite Quartz Diorite
Hb Quartz Diorite
Hb Qtz Microdiorite
Kutcho Fm (Volc.)
Sinwa Fm. (Lst)
Inklin Fm. (Sed.)
Kutcho Fm.
Inklin Fm.
Base Line 0m N
Base Line 12m N
Center Grid - 1971
West Grid - 1981
East Grid - 1981
Bornite Zone Grid - 1981
10,000 N
10,000 E
8000 N
8000 E
6000 N
6000 E
4000 N
4000 E
2000 N
2000 E
000 N
000 E
-2000 N
-2000 E
-4000 N
-4000 E
-6000 E
Part 2 of 2
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9645
LEGEND
Geological Boundaries (Inferred)
I.P. Anomalous MF
Cu poss. Anomalous (East + West Grid >60ppm)
Mo, poss. Anomalous (West Grid >2.9ppm. East Grid >4.5ppm.)
Note: Soil Geochemical Anomalies in central portion of property omitted to present clear representation of diamond drilling pattern.
Fox 3
Fox 1
Fox 2
LCP
1-34 Pre 1979 Diamond Drill Holes.
35-39 1979 Diamond Drill Holes.
40-48 1980 Diamond Drill Holes.
49-59 1981 Diamond Drill Holes.
TH, OTH Land Survey Traverse Hub.
Grid Lines: cut, uncut
Note: Location of LCP's and Drill Holes based on survey by R. Allen, B.C.L.S.
To Accompany Assessment Report on Eaglehead Property
by C.K. Ikona, P.Eng. and T.C. Scott, Geologist
Pamicon Developments Ltd., February 12, 1982.
Pamicon Developments Ltd.
NUSPAR-ESSO RESOURCES
JOINT VENTURE
EAGLEHEAD PROJECT
LIARD M.D., B.C.
COMPILATION MAP
SCALE
800 400 0 800 1600 200 3200 feet
200 100 0 200 400 600 800 1000 metres
Scale: 1:20,000
NTS.: 104I/6E & 11E
Date: January, 1982
Fig: 3


LEGEND
Cu. ppm. | Mo. ppm.
Ag. ppm. | Au. ppm.
1981 Survey
Cu. ppm. | Mo. ppm.
Pre 1981 Survey
Copper
Background = 32 ppm.
Possibly Anomalous = 60 ppm.
Anomalous = 173 ppm.
Contour Intervals
To Accompany Assessment Report on Eaglehead Property by C.K. Ikona, P.Eng. and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982.
Pamicon Developments Ltd.
NUSPAR-ESSO RESOURCES
JOINT VENTURE
EAGLEHEAD PROJECT
LIARD M.D., B.C.
EAST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
COPPER
Scale: 1: 5000
NTS.: 104 I/6E & 11E
Date: January, 1982
Fig: 4
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9645
Part 2 of 2



Part 2 of 2

MINERAL RESOURCES BRANCH
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NO.

NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

EAST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
MOLYBDENUM

LEGEND

Cu ppm. | Mo. ppm. — 1981 Survey
Ag ppm. | Au. ppm.

Cu ppm. | Mo. ppm. — Pre 1981 Survey

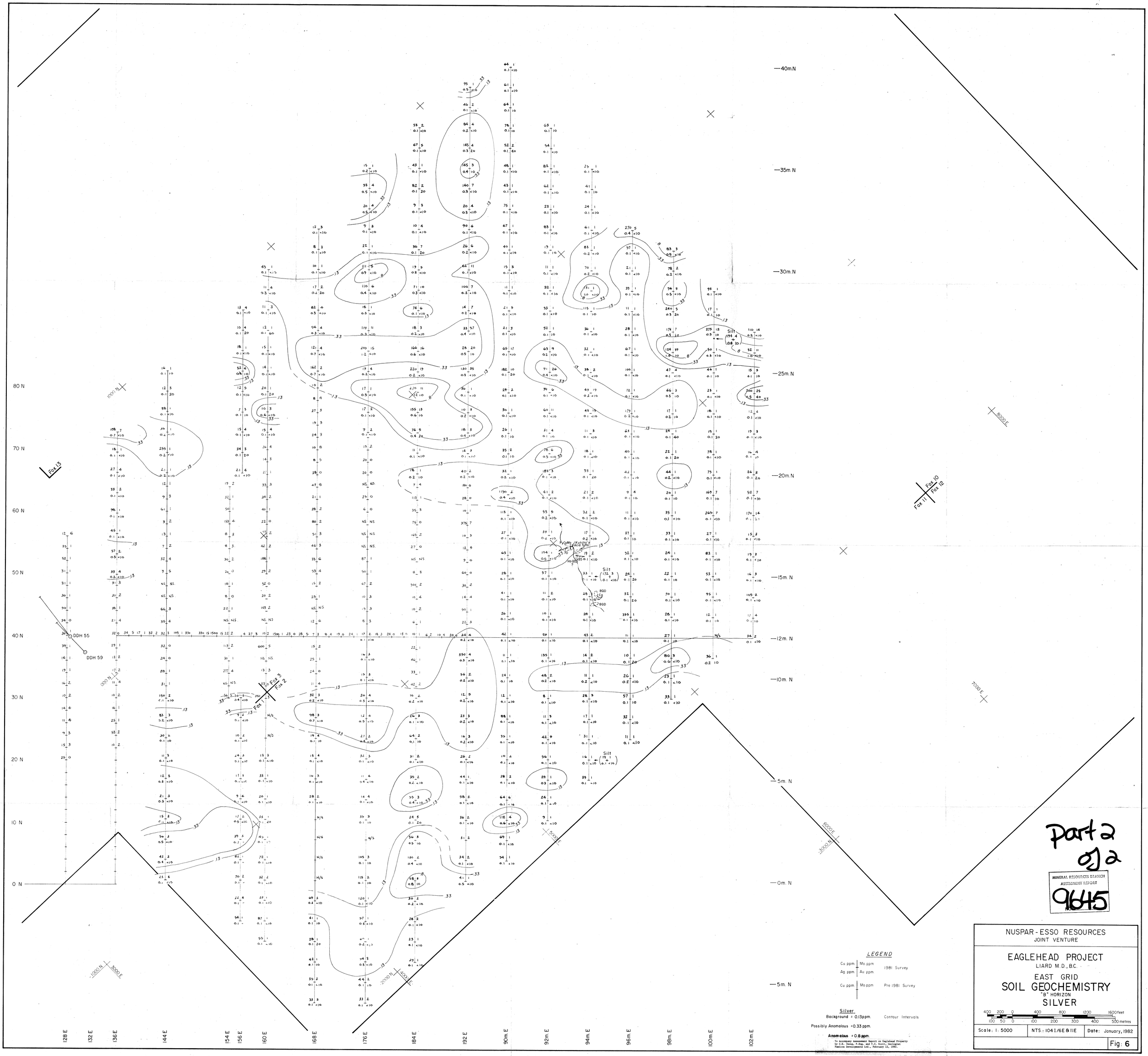
Molybdenum
Background = 2.5 ppm.
Possibly Anomalous = 4.5 ppm.
Anomalous = 7.5 ppm
Contour Intervals

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

To Accompany Assessment Report on Eaglehead Property by C.K. Ikona, P. Eng., and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982

Pamicon Developments Ltd.

Scale: 1: 5000	NTS.: 104I/6E & 11E	Date: January, 1982
		Fig: 5



Part 2 of 2

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9615
NO.

NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

EAST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
SILVER

LEGEND

Cu ppm. | Mo ppm. — Ag ppm. | Au ppm. — 1981 Survey

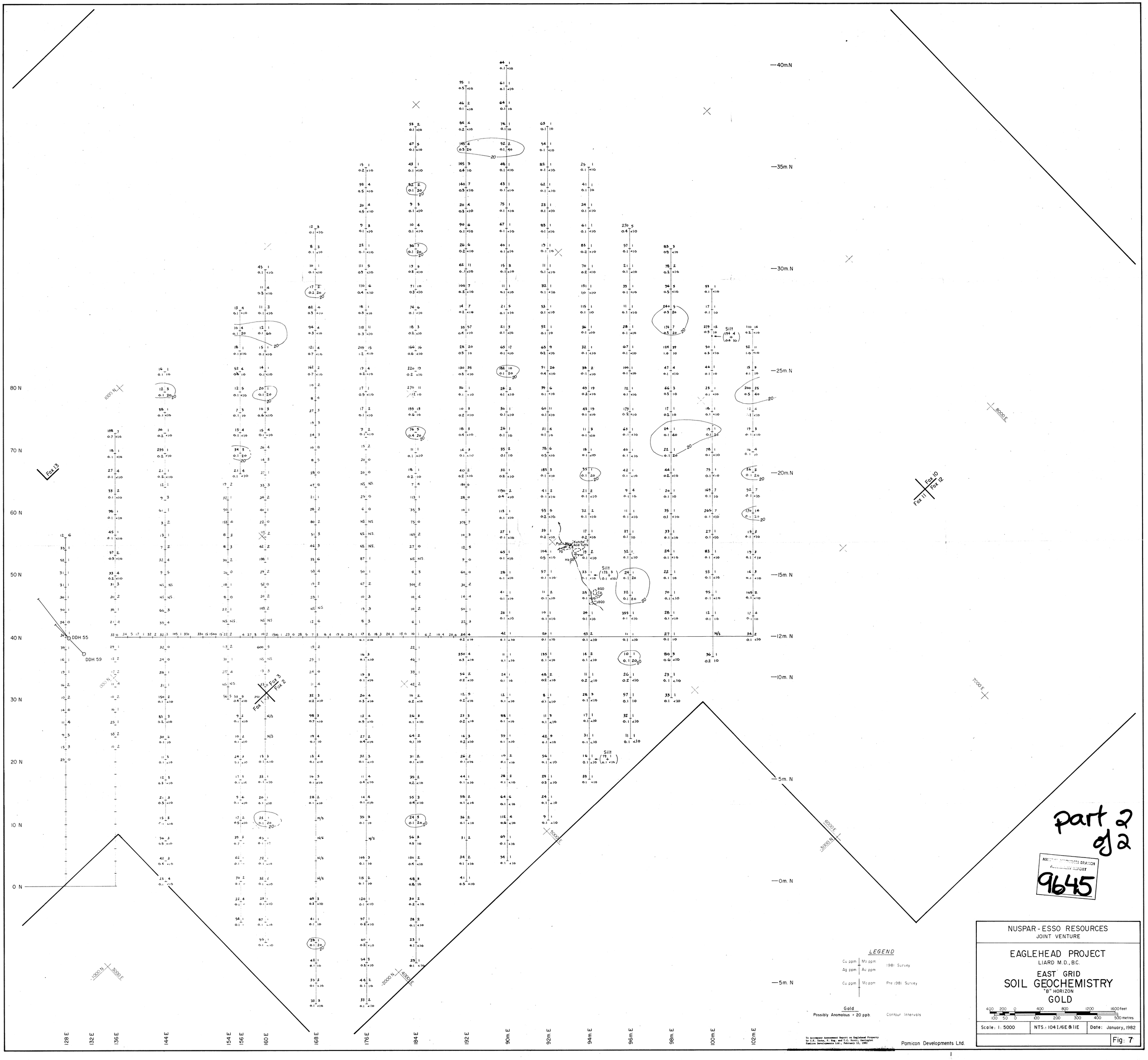
Cu ppm. | Mo ppm. — Pre 1981 Survey

Silver
Background = 0.13ppm. — Contour Intervals
Possibly Anomalous = 0.33 ppm.
Anomalous = 0.8 ppm.

To accompany Assessment Report on Eaglehead Property by C.K. Ikona, P.Eng. and T.C. Scott, Geologist for Pamicon Developments Ltd., February 11, 1982.

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1:5000	NTS: 104 I/6E & 11E	Date: January, 1982
		Fig: 6



LEGEND

Cu ppm | Mo ppm — 1981 Survey
Ag ppm | Au ppm

Cu ppm | Mo ppm — Pre 1981 Survey

Gold
Possibly Anomalous = 20 ppb.

Contour Intervals

To Accompany Assessment Report on Eaglehead Property by C.K. Ikona, P. Eng., and T.C. Scott, Geologist. Pamicon Developments Ltd., February 12, 1982

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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

EAST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
GOLD

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1: 5000 | NTS: 104I/6E & 11E | Date: January, 1982

Fig: 7

part 2 of 2

—40m.N
—35m. N
—30m.N
—25m. N
—20m.N
—15m. N
—12m. N
—10m. N
—5m. N
—0m. N
—5m. N

80 N
70 N
60 N
50 N
40 N
30 N
20 N
10 N
0 N

128 E
132 E
136 E
144 E
154 E
156 E
160 E
168 E
176 E
184 E
192 E
90m E
92m E
94m E
96m E
98m E
100m E
102m E

1000 N
DDH 55
DDH 59
000 N
Fox 1
Fox 2
Fox 3
Fox 13
-1000 N 3000 E
-2000 N 4000 E
5000 E
6000 E
-3000 N
7000 E
BOOGLE
Fox 10
Fox 11
Fox 12

Silt (194 4 / 0.4 10)
Silt (172 3 / 0.1 <10)
Silt (79 1 / 0.1 <10)
Py Cp Mo Kutcho Acid Tuffs?
BQD
N/S

Part 2 of 2

LEGEND

Cu ppm | Mo ppm | Ag ppm | Au ppm — 1981 Survey

Cu ppm | Mo ppm — Pre 1981 Survey

Possibly Anomalous
Cu = 60 ppm. Contour Intervals
Mo = 4.5 ppm.
Ag = 0.33 ppm.
Au = 20 ppb

To Accompany Assessment Report on Eaglehead Property by C.K. Ebeno, P.Eng. and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982.

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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

EAST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
Compilation : Cu Mo Ag Au

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1: 5000 | NTS.: 104I/6E & IIE | Date: January, 1982

Fig: 8

40+00m W | 36+00m W | 32+00m W | 28+00m W | 24+00m W | 20+00m W | 16+00m W | 12+00m W | 8+00m W | 4+00m W | 0+00m W (L 96 W)

30m. N
25m. N
20m. N
15m. N
10m. N
5m. N
0m. N Baseline
5m. S
10m. S
15m. S
20m. S
24m. S

48+00m W | 44+00m W

Fox 9 | Fox 8 | Fox 7 | Fox 6 | Fox 5 | Fox 4 | Eagle | Eagle 2

TH 13 | TH 14 | TH 15

Note: High Pb values on line 20+00m W probably due to contamination.

See Inset For Details

Detailed Sampling
Scale 1: 1000 ( ) Original Samples

20+50m W | 20+00m W | 19+50m W

17m. S | 18m. S | 19m. S

LEGEND

Cu. ppm | Mo ppm.
Pb ppm + Zn ppm. | 1981 Survey
Ag ppm | Au ppm.

Cu. ppm. | Mo ppm. | Pre 1981 Survey

Copper
Background = 32 ppm.
Possibly Anomalous = 60 ppm.
Anomalous = 120 ppm.

Contour Intervals.

To Accompany Assessment Report on Eaglehead Property by C.K. Ikona, P.Eng. and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982.

Pamicon Developments Ltd.

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
9645

part 2 of 2

NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

WEST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
COPPER

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1: 5000 | NTS.: 104I/6E & 11E | Date: January, 1982

Fig: 9

30m. N

25m. N

20m. N

15m. N

10m. N

5m. N

0m. N Baseline

5m. S

10m. S

15m. S

20m. S

24m. S

40+00m. W

36+00m. W

32+00m. W

28+00m. W

24+00m. W

20+00m. W

16+00m. W

12+00m. W

8+00m. W

4+00m. W

0+00m. W (L 96 W.)

48+00m. W

44+00m. W

9000 N.

8000 N.

7000 N.

6000 N.

5000 N.

4000 N.

-2000 E.

-3000 E.

-4000 E.

-5000 E.

-10000 E.

Fox 9

Fox 8

Fox 7

Fox 6

Fox 5

Fox 4

Eagle 1

Eagle 2

TH 13

TH 14

TH 15

Silt (39 1 0.1)

Silt (515 1 1.0)

Silt (135 1 0.1)

Silt (82 1 4 138 0.5)

Silt (82 1 2-100 0.8)

Silt (61 1 3-135 0.1)

Silt (55 1 2-185 0.2)

Silt (42 10-90 0.5)

Silt (109 5-139 1.7)

Silt (87 1 1-66 0.2)

Silt (90 1 1-62 0.1)

Silt (55 1 2-65 0.1)

Silt (75 1 4-110 0.1)

2.9

1.9

4.5

Note: High Pb values on line 20+00m.W probably due to contamination.

See Inset For Details.

Baseline

5 m.S

10 m.S

15 m.S

Detailed Sampling

Scale 1: 1000 ( ) Original Samples

20+50mW

20+00mW

19+50mW

17m.S

18m.S

19m.S

LEGEND

Cu. ppm | Mo. ppm.
Pb ppm | Zn. ppm.
Ag. ppm. | Au. ppm.
1981 Survey

Cu. ppm. | Mo. ppm.
Pre 1981 Survey

Molybdenum

Background = 1.9 ppm.
Possibly Anomalous = 2.9 ppm.
Anomalous = 4.5 ppm.
Contour Intervals.

To Accompany Assessment Report on Eaglehead Property by C.E. Stone, P. Eng. and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982

Pamicon Developments Ltd.

ASSESSMENT REPORT 9645

Part 2 of 2

NUSPAR - ESSO RESOURCES
JOINT VENTURE

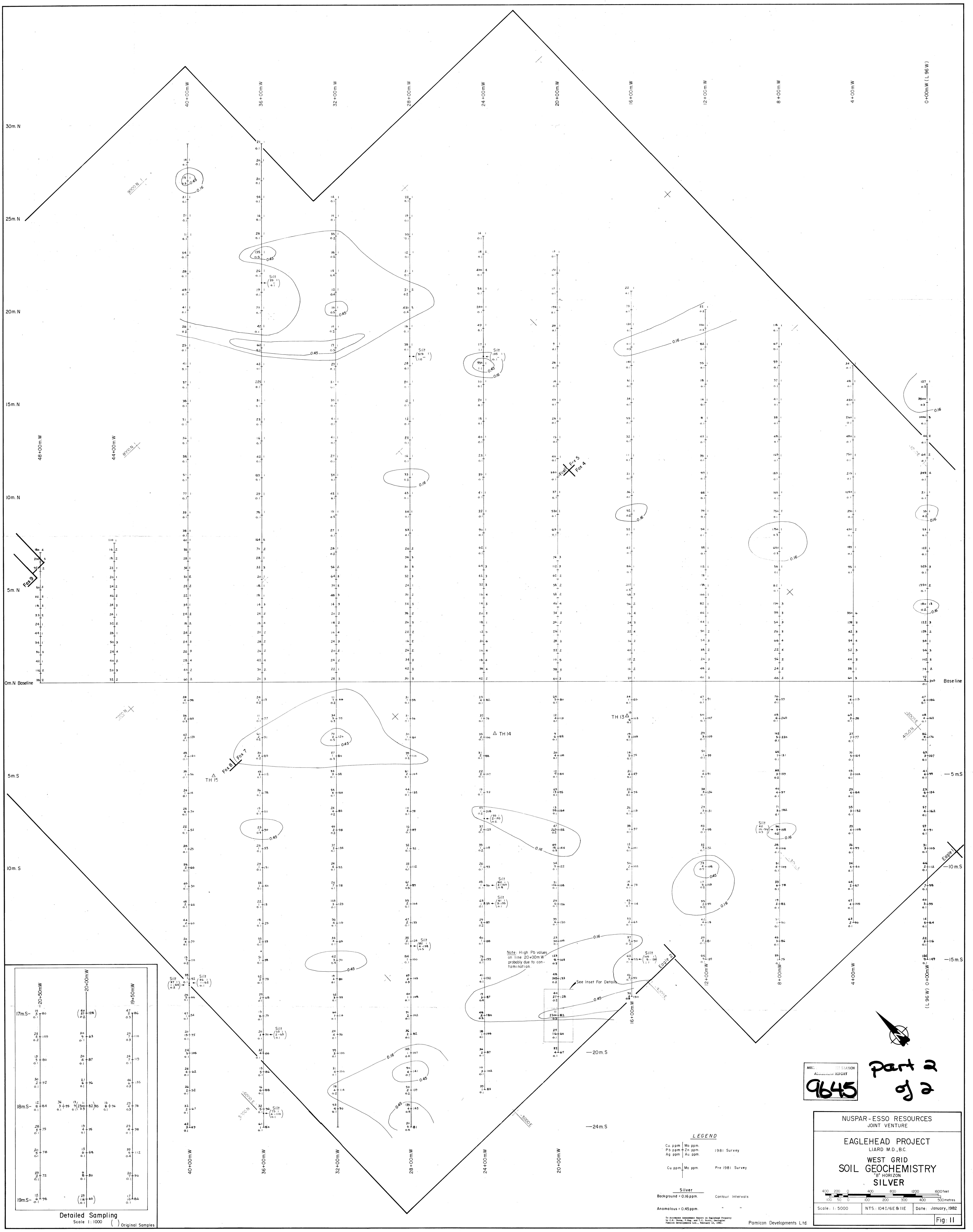
EAGLEHEAD PROJECT
LIARD M.D., B.C.

WEST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
MOLYBDENUM

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1: 5000 | NTS: 104I/6E & 11E | Date: January, 1982

Fig: 10



40+00m W
36+00m W
32+00m W
28+00m W
24+00m W
20+00m W
16+00m W
12+00m W
8+00m W
4+00m W
0+00m W (L 96 W)
48+00m W
44+00m W
30m. N
25m. N
20m. N
15m. N
10m. N
5m. N
0m. N Baseline
Baseline
5m. S
10m. S
15 m. S
20m. S
24m. S
9000 N
8000 N
7000 N
Fox 4
Fox 5
Fox 6
Fox 7
Fox 8
Fox 9
TH 13
TH 14
TH 15
Eagle 1
Eagle 2
Silt
0.16
0.45
Note: High Pb values on line 20+00m W probably due to contamination.
See Inset For Details
Detailed Sampling
Scale 1:1000
( ) Original Samples
20+50mW
20+00mW
19+50mW
17m.S
18m.S
19m.S
LEGEND
Cu. ppm | Mo. ppm
Pb ppm + Zn ppm
Ag ppm | Au. ppm
1981 Survey
Cu. ppm | Mo. ppm
Pre 1981 Survey
Silver
Background = 0.16 ppm.
Contour Intervals
Anomalous = 0.45 ppm.
To Accompany Assessment Report on Eaglehead Property by C.K. Ikona, P.Eng. and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982.
Pamicon Developments Ltd.
ASSESSMENT REPORT
9645
part 2 of 2
NUSPAR-ESSO RESOURCES
JOINT VENTURE
EAGLEHEAD PROJECT
LIARD M.D., B.C.
WEST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
SILVER
400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres
Scale: 1:5000
NTS.: 104 I/6E & 11E
Date: January, 1982
Fig: 11

40+00m.W
36+00m.W
32+00m.W
28+00m.W
24+00m.W
20+00m.W
16+00m.W
12+00m.W
8+00m.W
4+00m.W
0+00m.W (L 96 W)

30m. N
25m. N
20m. N
15m. N
10m. N
5m. N
0m. N Baseline
5m. S
10m. S
15m. S
20m. S
24m. S

48+00m.W
44+00m.W
8000 N
9000 N
Fox 9
Fox 8
Fox 7
Fox 6
Fox 5
Fox 4
TH 15
TH 14
TH 13
Silt (39 / 0.1)
Silt (515 / 1.0)
Silt (185 / 0.1)
Silt (95 / 135 / 0.2)
Silt (82 / 105 / 0.8)
Silt (61 / 135 / 0.1)
Silt (42 / 10-90 / 0.5)
Silt (105 / 5-130 / 1.7)
Silt (182 / 4-138 / 0.5)
Silt (37 / 166 / 0.2)
Silt (36 / 7-62 / 0.1)
Silt (35 / 2-65 / 0.1)
Silt (75 / 4-110 / 0.1)
-10000 E
-8000 E
-6000 E
-5000 E
-4000 E
-3000 E
-2000 E
5000 N
4000 N
Eagle 1
Eagle 2
3.0
5.7
10.5

Note: High Pb values on line 20+00m.W probably due to contamination.

See Inset For Details.

Detailed Sampling

Scale 1: 1000 ( ) Original Samples

20+50mW
20+00mW
19+50mW
17m.S
18m.S
19m.S

MINERAL RESOURCES BRANCH
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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

WEST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
LEAD

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1: 5000 | NTS.: 104I/6E 8 11E | Date: January, 1982

Fig: 12

LEGEND

Cu. ppm | Mo ppm.
Pb ppm | Zn ppm.
Ag ppm | Au ppm.
1981 Survey

Cu. ppm. | Mo ppm.
Pre 1981 Survey

Lead
Background = 3.0 ppm.
Possibly Anomalous = 5.7 ppm.
Anomalous = 10.5 ppm.
Contour Intervals

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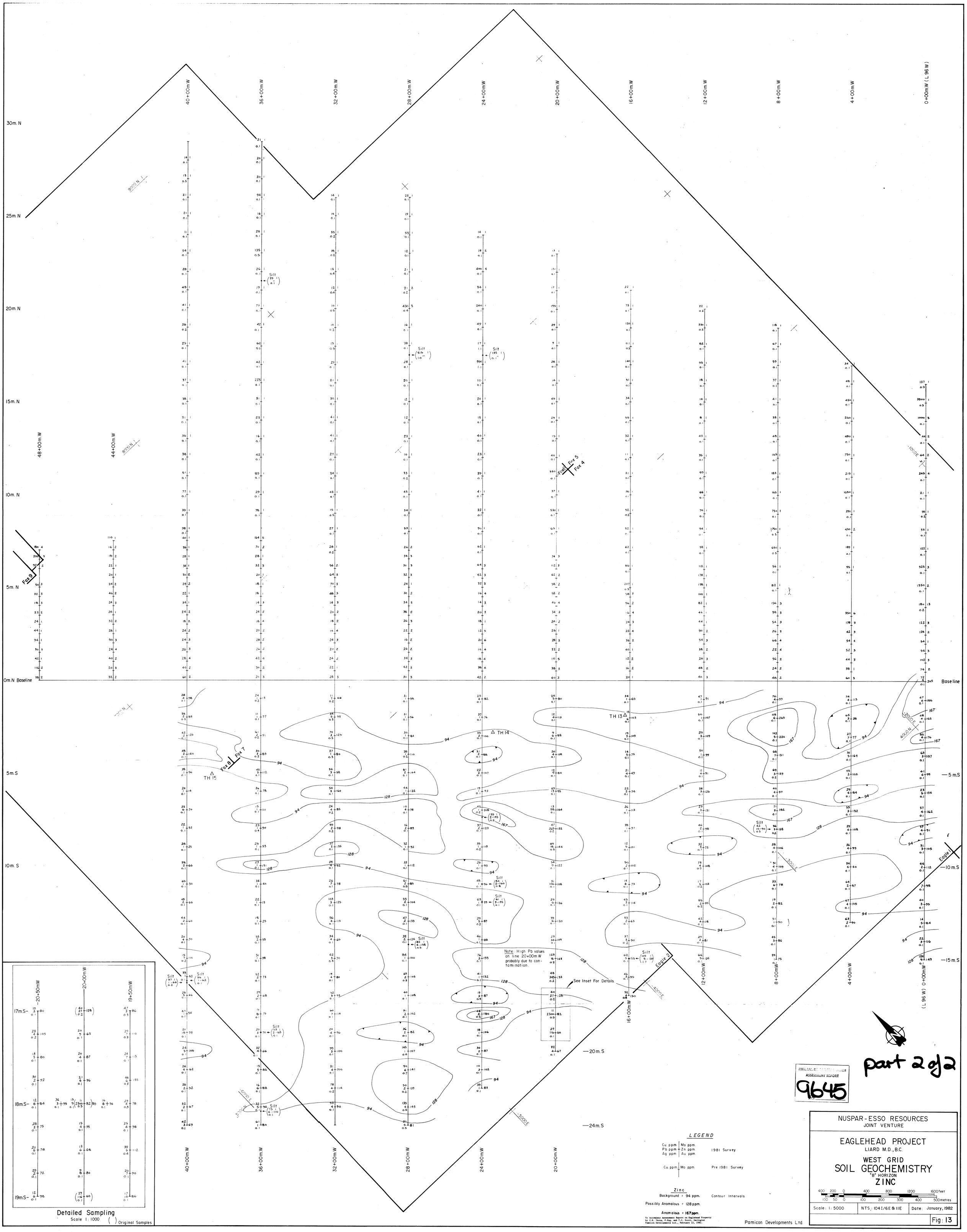
40+00m.W
36+00m.W
32+00m.W
28+00m.W
24+00m.W
20+00m.W
16+00m.W
12+00m.W
8+00m.W
4+00m.W
0+00m.W (L 96 W)
30m. N
25m. N
20m. N
15m. N
10m. N
5m. N
0m.N Baseline
48+00m.W
44+00m.W
Fox 9
Fox 5
Fox 4
Fox 8
Fox 7
Silt
TH 13
TH 14
TH 15
Note: High Pb values on line 20+00m.W probably due to contamination.
See Inset For Details
Eagle 2
Eagle 1
Base line
5m.S
10m.S
15m.S
20m.S
24m.S
Detailed Sampling
Scale 1:1000 ( ) Original Samples
LEGEND
Cu ppm | Mo ppm.
Pb ppm — Zn ppm.
Ag ppm | Au ppm.
1981 Survey
Cu ppm. | Mo ppm.
Pre 1981 Survey
Zinc
Background = 94 ppm.
Contour Intervals
Possibly Anomalous = 128 ppm.
Anomalous = 167 ppm.
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Pamicon Developments Ltd., February 12, 1982.
Pamicon Developments Ltd.
NUSPAR - ESSO RESOURCES
JOINT VENTURE
EAGLEHEAD PROJECT
LIARD M.D., B.C.
WEST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
ZINC
400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres
Scale: 1:5000
NTS: 104I/6E & 11E
Date: January, 1982
Fig: 13
ASSESSMENT REPORT
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40+00m.W
36+00m.W
32+00m.W
28+00m.W
24+00m.W
20+00m.W
16+00m.W
12+00m.W
8+00m.W
4+00m.W
0+00m.W (L 96 W)
30m. N
25m. N
20m. N
15m. N
10m. N
5m. N
0m.N Baseline
5m.S
10m.S
15m.S
20m.S
24m.S
48+00m.W
44+00m.W
9000 N
8950 N
3000 N
2000 N
4000 N
5000 E
6000 E
3000 E
4000 E
5000 E
Fox 9
Fox 8
Fox 7
Fox 6
Fox 5
Fox 4
TH 13
TH 14
TH 15
Silt
Note: High Pb values on line 20+00m.W probably due to contamination.
See Inset For Details.
Eagle 2
Eagle
Baseline
5 m.S
10 m.S
15 m.S
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Detailed Sampling
Scale 1: 1000 ( ) Original Samples
17m.S
18m.S
19m.S
20+50m.W
20+00m.W
19+50m.W

LEGEND

Cu ppm | Mo ppm.
Pb ppm | Zn ppm.
Ag ppm | Au ppm.
1981 Survey

Cu. ppm. | Mo ppm.
Pre 1981 Survey

Possibly Anomalous

Cu	60.0 ppm.	Contour Intervals.
Mo	2.9 ppm.	
Pb	5.7 ppm.	
Zn	128.0 ppm.	
Ag	0.33 ppm.	

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JOINT VENTURE

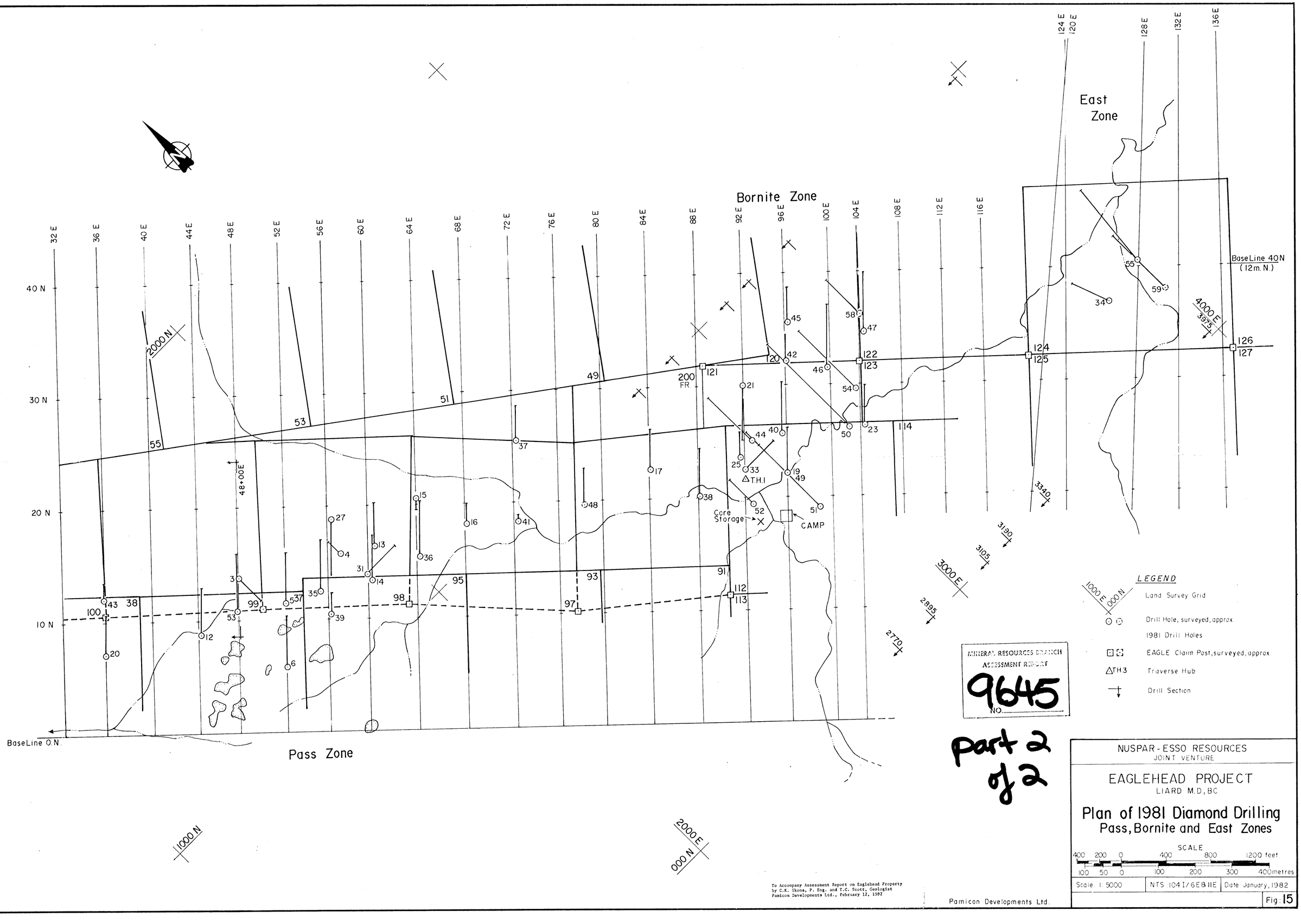
EAGLEHEAD PROJECT
LIARD M.D., B.C.

WEST GRID
SOIL GEOCHEMISTRY
"B" HORIZON
Compilation: Cu Mo Pb Zn Ag

400 200 0 400 800 1200 1600 feet
100 50 0 100 200 300 400 500 metres

Scale: 1: 5000 | NTS.: 104I/6E & IIE | Date: January, 1982

Fig: 14



LEGEND

- Land Survey Grid
- Drill Hole, surveyed, approx
- 1981 Drill Holes
- EAGLE Claim Post, surveyed, approx
- △TH.3 Traverse Hub
- Drill Section

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JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., BC

Plan of 1981 Diamond Drilling
Pass, Bornite and East Zones

SCALE
400 200 0 400 800 1200 feet
100 50 0 100 200 300 400 metres

Scale 1: 5000 | NTS 104 I/6E&11E | Date January, 1982

Fig: 15

MINERAL RESOURCES BRANCH
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LEGEND

1000 E 000 N — Land Survey Grid.

Drill Hole, surveyed, approx.

1981 Drill Holes

EAGLE Claim Post, surveyed, approx.

T.H.3 — Traverse Hub

-1000 E 2000 N

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JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

Plan of 1981 Diamond Drilling
West Zone

SCALE
400 200 0 400 800 1200 feet
100 50 0 100 200 300 400 metres

Scale: 1:5000 | NTS: 104 I/6E & 11E | Date: January, 1982

Fig: 16

200 m. N | 300 m. N | 400 m. N | 500 m. N | 600 m. N | 700 m. N | 800 m. N | 900 m. N | 1000 m. N | 1100 m. N

Elevation (metres)

1600 m.

1500 m.

1400 m.

1300 m.

1200 m.

1100 m.

5000 ft. (1524 m)

4500 ft. (1371.6 m)

DDH 51

DDH 49

DDH 44

CREEK

CREEK

9.8 m.

47.8m

0.19 % Cu 0.001 % Mo 0.36 g/T Ag <0.1 g/T Au
11.0 m.

0.63% Cu 0.001% Mo 1.32 g/T Ag <0.1 g/T Au
4.5 m.

116.1 m.

0.52 % Cu. 0.001 % Mo 0.88 g/T Ag <0.1 g/T Au
5.7 m.

0.57% Cu 0.001% Mo 1.07 g/T Ag <0.1 g/T Au
5.8 m.

192.3 m.

0.37 % Cu 0.0009% Mo 1.30 g/T Ag <0.1 g/T Au
4.5 m.

266.8 m.

0.23 % Cu 0.005% Mo 2.19 g/T Ag <0.1 g/T Au
25.2 m.

0.25% Cu 0.002% Mo 0.53 g/T Ag 0.11 g/T Au
21.2 m.

343.0 m.

0.24% Cu 0.005% Mo 1.35 g/T Ag 0.12 g/T Au
35.5 m.

431.9 m.

6.4 m.

38.7 m.

0.55% Cu 0.007 Mo 1.72 g/T Ag <0.1 g/T Au
45.7 m.

0.33% Cu 0.003% Mo 2.20 g/T Ag <0.1 g/T Au
19.2 m.

0.22% Cu 0.002% Mo 1.37 g/T Ag <0.1 g/T Au
32.0 m.

257.4 m.

286.2 m.

0.69% Cu 0.005% Mo
33.5 m.

30.5 m.

0.73% Cu 0.02% Mo
7.6 m.

91.5 m.

114.5 m.

0.39% Cu 0.005% Mo 1.71 g/T Ag <0.1 g/T Au
96.9 m.

190.6 m.

152.7 m.

214.9 m.

246 m.

LEGEND

g/T grams/ Tonne

0.56% / 11.0 — Diamond Drill Hole: Avg Grade / Interval (m.)

Inferred zone of mineralization

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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 2895m.E
Significant Assays

SCALE	DATE	NTS	FIG.
1: 1000	January, 1982	104I/6E&11E	17

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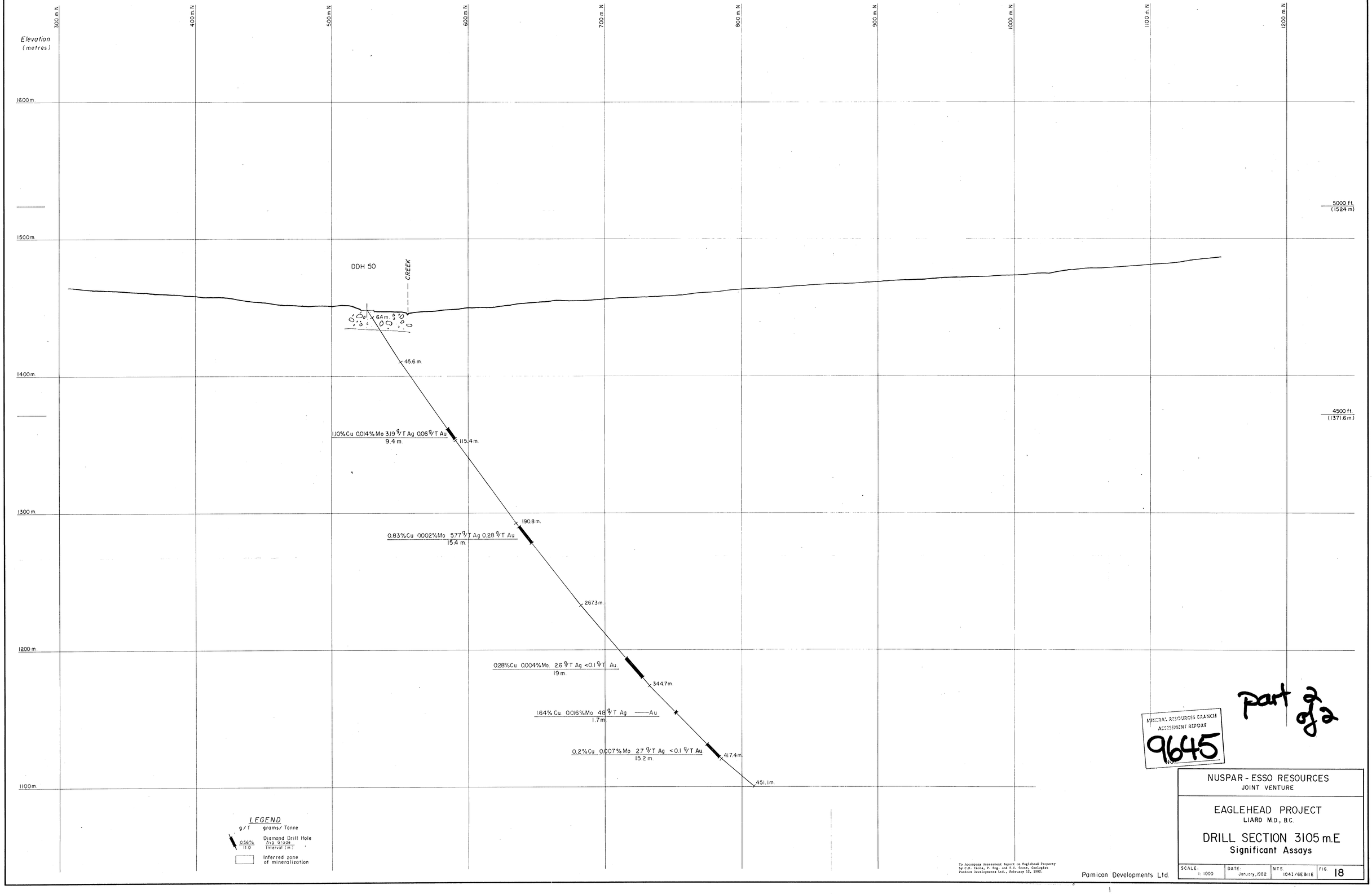

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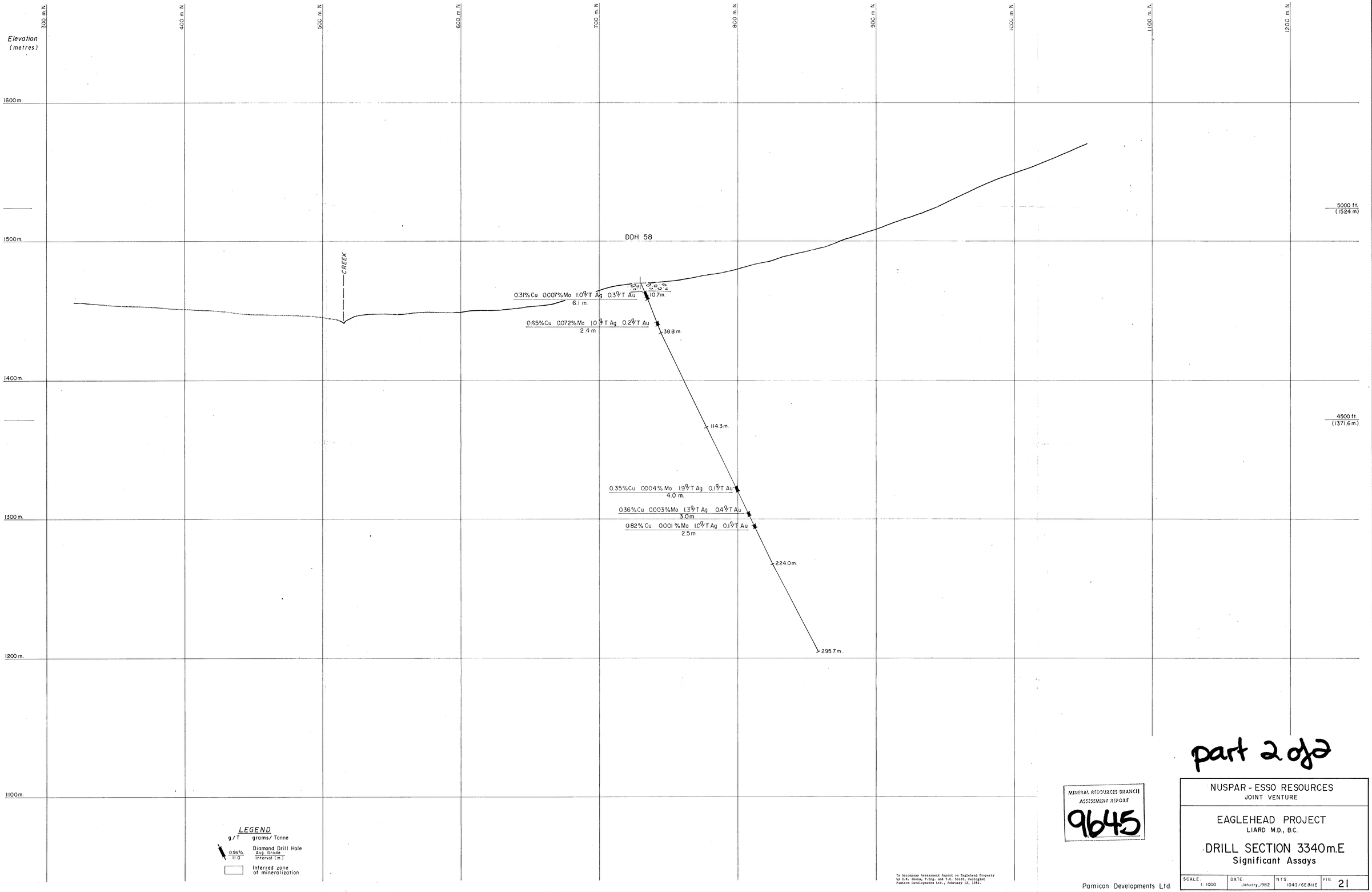
NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 3105 m.E
Significant Assays

SCALE:	DATE:	N.T.S.	FIG.
1: 1000	January, 1982	104I/6E&11E	18



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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 3340m.E
Significant Assays

SCALE:	DATE:	N.T.S.	FIG.
1: 1000	January, 1982	104I/6E&11E	21

SW

NE

Elevation (metres)

BL 000 ft.N

5+00 ft.N

10+00 ft.N

15+00 ft.N

20+00 ft.N

25+00 ft.N

1600 m.

1500 m.

1400 m.

1300 m.

1200 m.

1100 m.

5000 ft. (1524 m)

4500 ft. (1371.6 m)

Pond

Pond

Pond

Pond

DDH 53

DDH 3 Projected

6.0m

44.1m.

1.30% Cu 0.001% Mo 7.35 g/T Ag <0.1 g/T Au
9.8m

0.30% Cu 0.002% Mo 1.39 g/T Ag <0.1 g/T Au
9.8m

0.80% Cu 0.001% Mo 4.37 g/T Ag <0.1 g/T Au
19.6m.

114.4m.

190.6m.

1.00% Cu 0.003% Mo 2.3 g/T Ag <0.1 g/T Au
1.8m.

0.59% Cu 0.003% Mo 10 g/T Ag <0.1 g/T Au
5.8m.

0.33% Cu 0.001% Mo 0.63 g/T Ag <0.1 g/T Au
12.6m.

246.1m.

263.57m.

LEGEND

g/T grams/Tonne

0.56% Avg Grade / 11.0 Interval (m.) — Diamond Drill Hole

Inferred zone of mineralization

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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 48+00 E
Significant Assays

SCALE	DATE	N.T.S.	FIG.
1:1000	January, 1982	104I/6E&11E	22

SW

NE

Elevation (metres)

5+00 ft. S

BL. 0+00 ft. N

5+00 ft. N

10+00 ft. N

15+00 ft. N

20+00 ft. N

1600 m.

1500 m.

1400 m.

1300 m.

1200 m.

1100 m.

5000 ft. (1524 m.)

4500 ft. (1371.6 m.)

CREEK

CREEK

CREEK

79 m.

0.28% Cu 0.004% Mo 0.7 g/T Ag 0.1 g/T Au
4.6 m.

0.22% Cu 0.002% Mo 0.3 g/T Ag <0.1 g/T Au
10.3 m.

46.0 m.

0.32% Cu 0.016% Mo 0.4 g/T Ag <0.1 g/T Au
8.1 m.

114.4 m.

0.30% Cu 0.009% Mo 0.3 g/T Ag <0.1 g/T Au
19.6 m.

190.6 m.

237.2 m.

245.7 m.

LEGEND

g/T grams/Tonne

0.56% / 11.0 — Diamond Drill Hole, Avg. Grade / Interval (m.)

Inferred zone of mineralization

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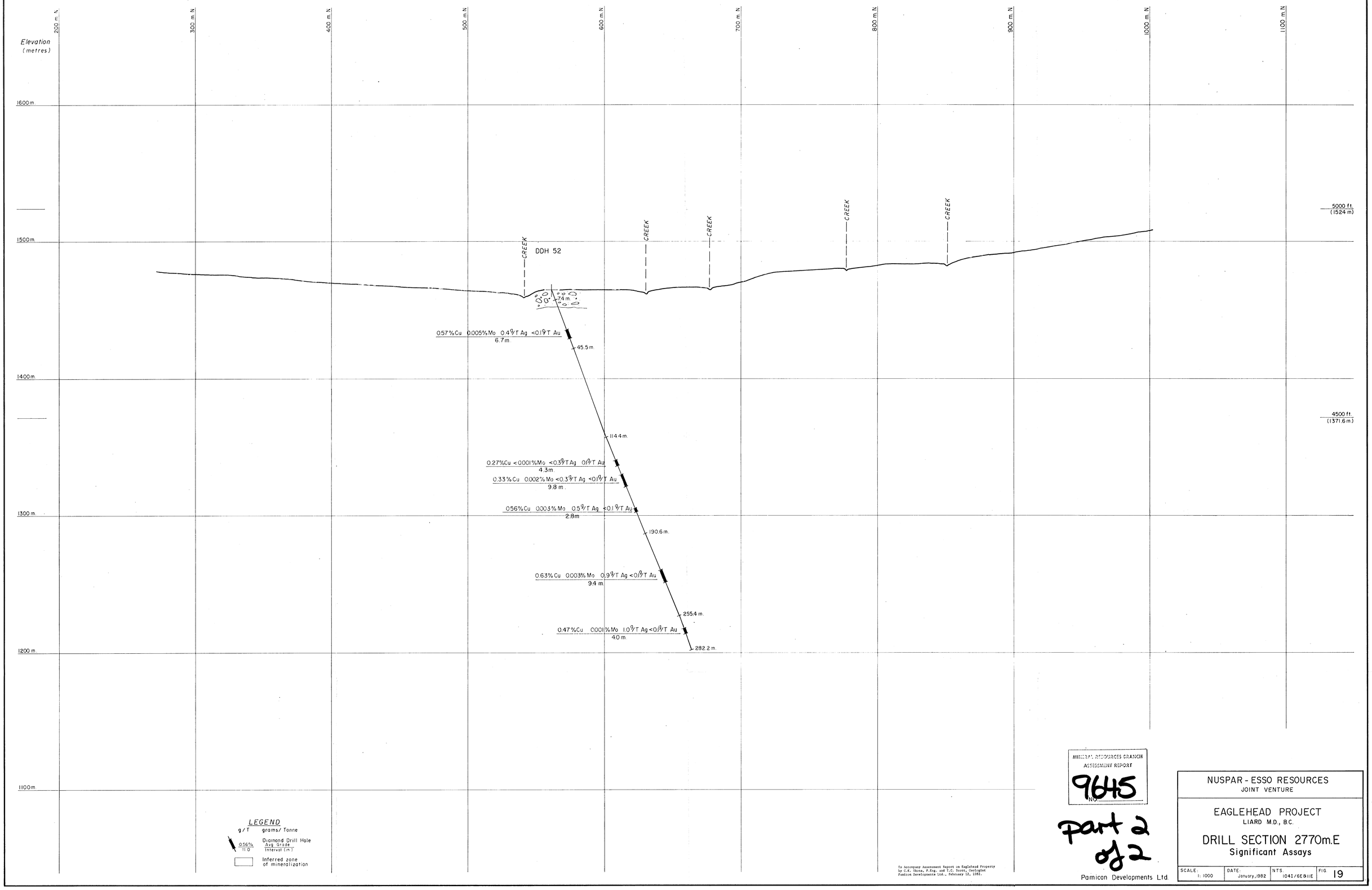
NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 44+00W
Significant Assays

SCALE:	DATE:	NTS.	FIG.
1: 1000	January, 1982	104I/6E&11E	23



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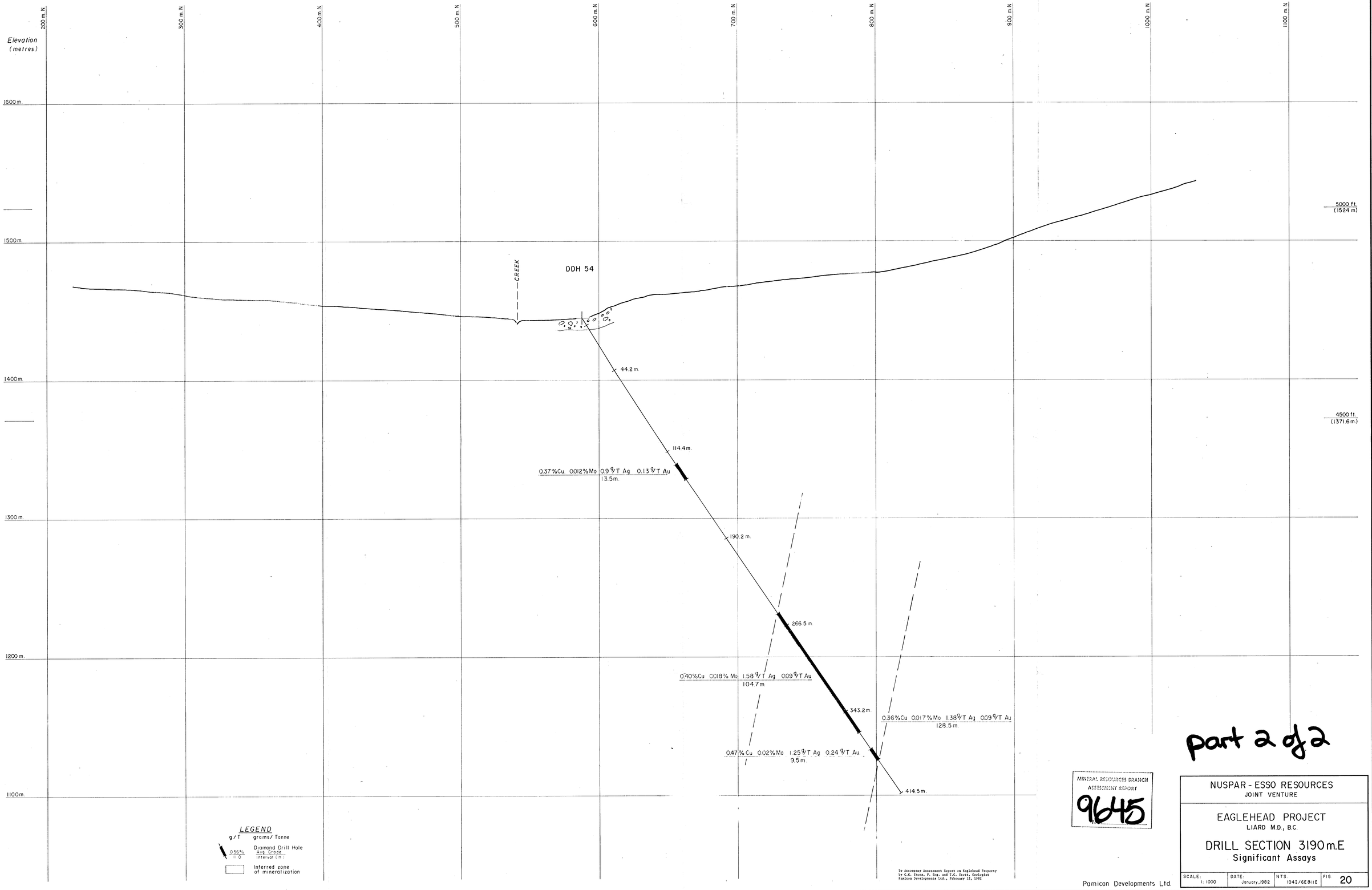
NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 2770m.E
Significant Assays

SCALE:	DATE:	NTS	FIG.
1: 1000	January, 1982	104I/6EBIIE	19


200 m. N
300 m. N
400 m. N
500 m. N
600 m. N
700 m. N
800 m. N
900 m. N
1000 m. N
1100 m. N
Elevation
(metres)
1600 m.
1500 m.
1400 m.
1300 m.
1200 m.
1100 m.
5000 ft.
(1524 m)
4500 ft.
(1371.6 m.)
CREEK
DDH 54
0°
30°
60°
90°
44.2 m.
114.4 m.
0.37%Cu 0.012%Mo 0.9 g/T Ag 0.13 g/T Au
13.5 m.
190.2 m.
266.5 m.
0.40%Cu 0.018% Mo 1.58 g/T Ag 0.09 g/T Au
104.7 m.
343.2 m.
0.36%Cu 0.017%Mo 1.38 g/T Ag 0.09 g/T Au
128.5 m.
0.47%Cu 0.02%Mo 1.25 g/T Ag 0.24 g/T Au
9.5 m.
414.5 m.
LEGEND
g/T grams/Tonne
0.56%
11.0
Diamond Drill Hole
Avg. Grade
Interval (m.)
Inferred zone
of mineralization
To Accompany Assessment Report on Eaglehead Property
by C.K. Shiose, P. Eng. and T.C. Scott, Geologist
Pamicon Developments Ltd., February 12, 1982
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NUSPAR - ESSO RESOURCES
JOINT VENTURE
EAGLEHEAD PROJECT
LIARD M.D., B.C.
DRILL SECTION 3190 m.E
Significant Assays
SCALE: 1: 1000
DATE: January, 1982
NTS. 104I/6E&11E
FIG 20
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SW

NE

Elevation (metres)

5+00 ft.S

BL. 0+00 ft.N

5+00 ft.N

10+00 ft.N

15+00 ft.N

20+00 ft.N

1600 m.

1500 m.

1400 m.

1300 m.

1200 m.

1100 m.

5000 ft. (1524 m)

4500 ft. (1371.6 m.)

D.D.H. 76-3

457 m.

1.40%Cu 0.016%Mo 5.5g/T Ag 0.2g/T Au 0.10%Zn
0.6 m.

114.3

0.82%Cu <0.001%Mo 3.9g/T Ag <0.1g/T Au 0.10%Zn
4.8 m.

190.5 m.

1.92%Cu <0.001%Mo 5.0g/T Ag 0.5g/T Au
1.1 m.

0.41%Cu 0.001%Mo 76g/T Ag 0.1g/T Au
10.3

0.56%Cu 0.001%Mo 2.9g/T Ag 0.14g/T Au
11.4 m.

277.4 m.

LEGEND

g/T grams/Tonne

0.56% / 11.0 Diamond Drill Hole, Avg. Grade / Intervat (m.)

Inferred zone of mineralization

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NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 28+00W
Significant Assays

SCALE:	DATE:	N.T.S.	FIG.
1: 1000	January, 1982	104I/6E&11E	24

100 m. S | 000 m. N | 100 m. N | 200 m. N | 300 m. N | 400 m. N | 500 m. N | 600 m. N | 700 m. N | 800 m. N

Elevation (metres)

1600 m.

1500 m.

1400 m.

1300 m.

1200 m.

1100 m.

5000 ft. (1524 m.)

4500 ft. (1371.6 m.)

DDH 59

DDH 55

CREEK

CREEK

-45° 15.2 m.

-50° 61 m.

0.64% Cu < 0.001% Mo 1.70 g/T Ag < 0.1 g/T Au
23 m.

44.2 m.

0.23% Cu 0.003% Mo 0.41 g/T Ag < 0.1 g/T Au
10.4 m.

53.4 m.

114.3 m.

114.4 m.

0.26% Cu < 0.001% Mo 0.48 g/T Ag < 0.1 g/T Au
8.9 m.

152.4 m.

0.30% Cu 0.005% Mo 0.3 g/T Ag < 0.1 g/T Au
31.4 m.

0.69% Cu 0.009% Mo 0.7 g/T Ag < 0.1 g/T Au
11.2 m.

190.2 m.

0.27% Cu 0.009% Mo 1.31 g/T Ag < 0.1 g/T Au
20.9 m.

0.41% Cu 0.02% Mo 1.92 g/T Ag 0.1 g/T Au
11.7 m.

266.8 m.

0.44% Cu 0.039% Mo 0.3 g/T Ag < 0.1 g/T Au
7.7 m.

317.6 m.

2.5% Cu 0.022% Mo 12.6 g/T Ag 0.56 g/T Au
19.4 m.

0.31% Cu 0.007% Mo 1.1 g/T Ag < 0.1 g/T Au
32.9 m.

342.9 m.

402.3 m.

LEGEND

g/T grams/Tonne

0.56% / 11.0 — Diamond Drill Hole, Avg. Grade / Interval (m.)

Inferred zone of mineralization

To Accompany Assessment Report on Eaglehead Property by C.K. Thome, P.Eng. and T.C. Scott, Geologist Pamicon Developments Ltd., February 12, 1982.

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MINERAL RESOURCES BRANCH
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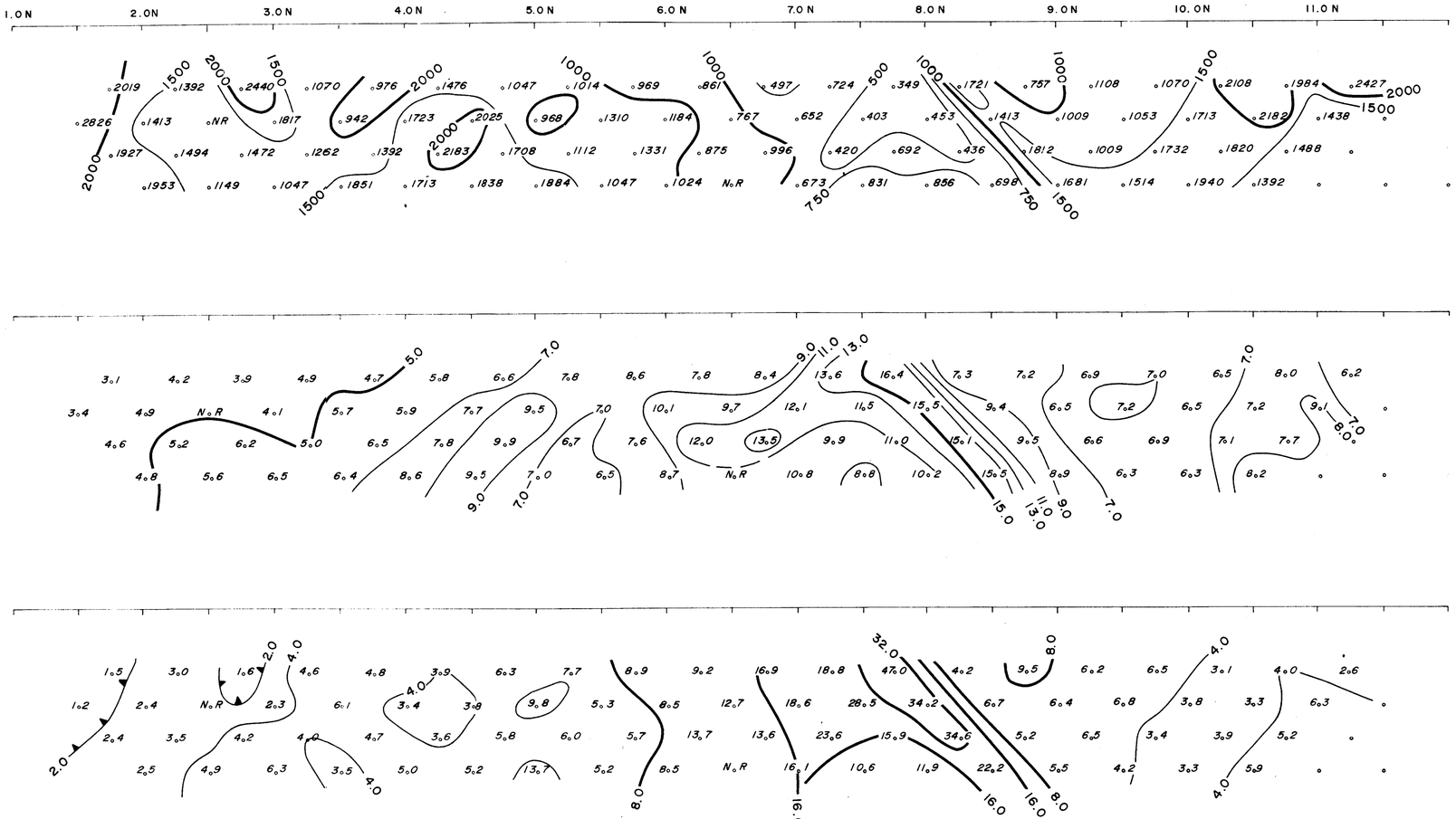
NUSPAR - ESSO RESOURCES
JOINT VENTURE

EAGLEHEAD PROJECT
LIARD M.D., B.C.

DRILL SECTION 3975m.E
Significant Assays

SCALE:	DATE:	N.T.S.	FIG.
1: 1000	January, 1982	104I/6E&11E	25



NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 50 METRES

part 2 of 2

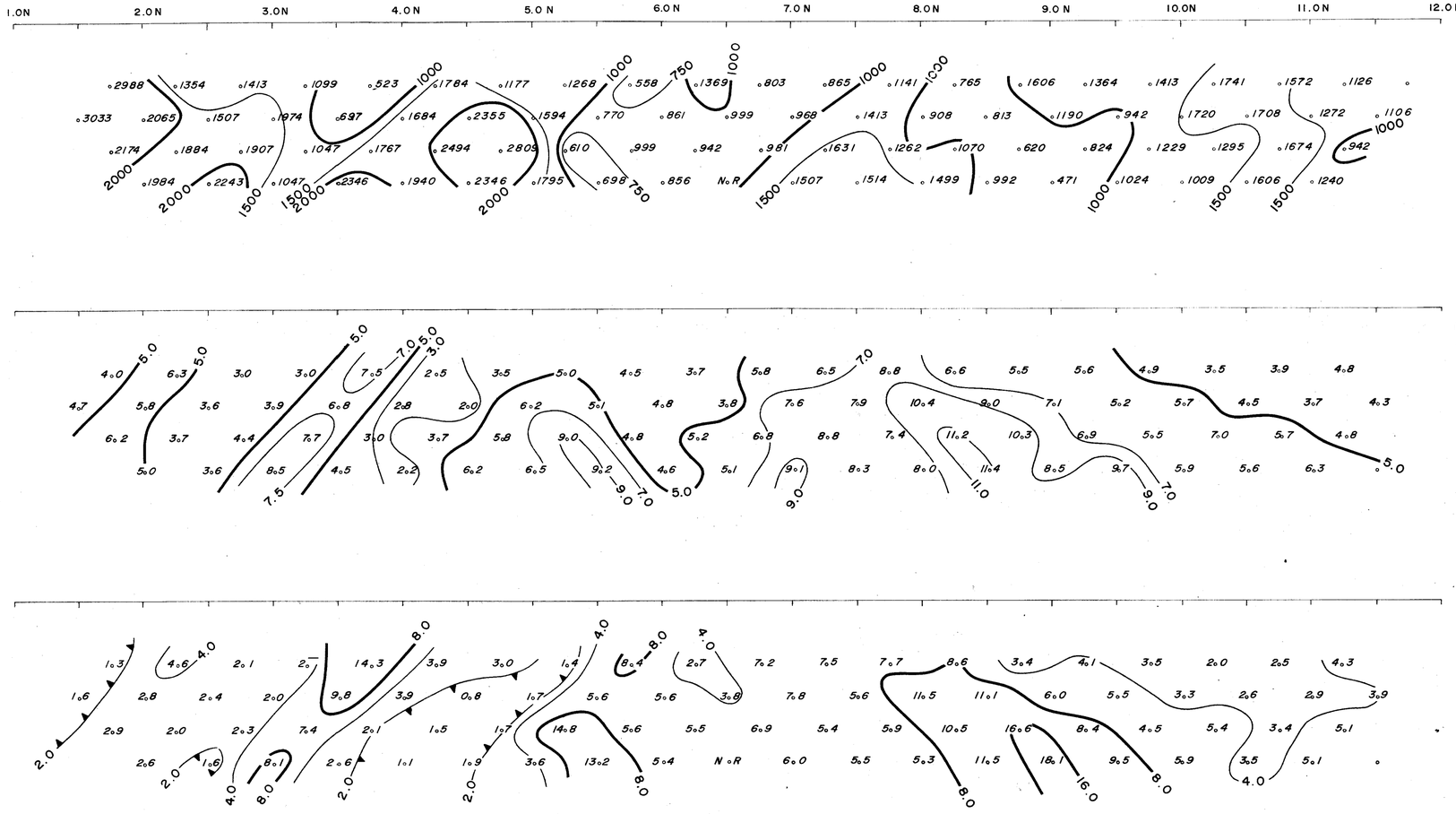
L - 7m E

SCALE : ONE INCH TO 50 METRES

50 25 0 50 100 150

— Prepared by —

NIELSEN GEOPHYSICS LTD.
VERNON, B.C.



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JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 50 METRES

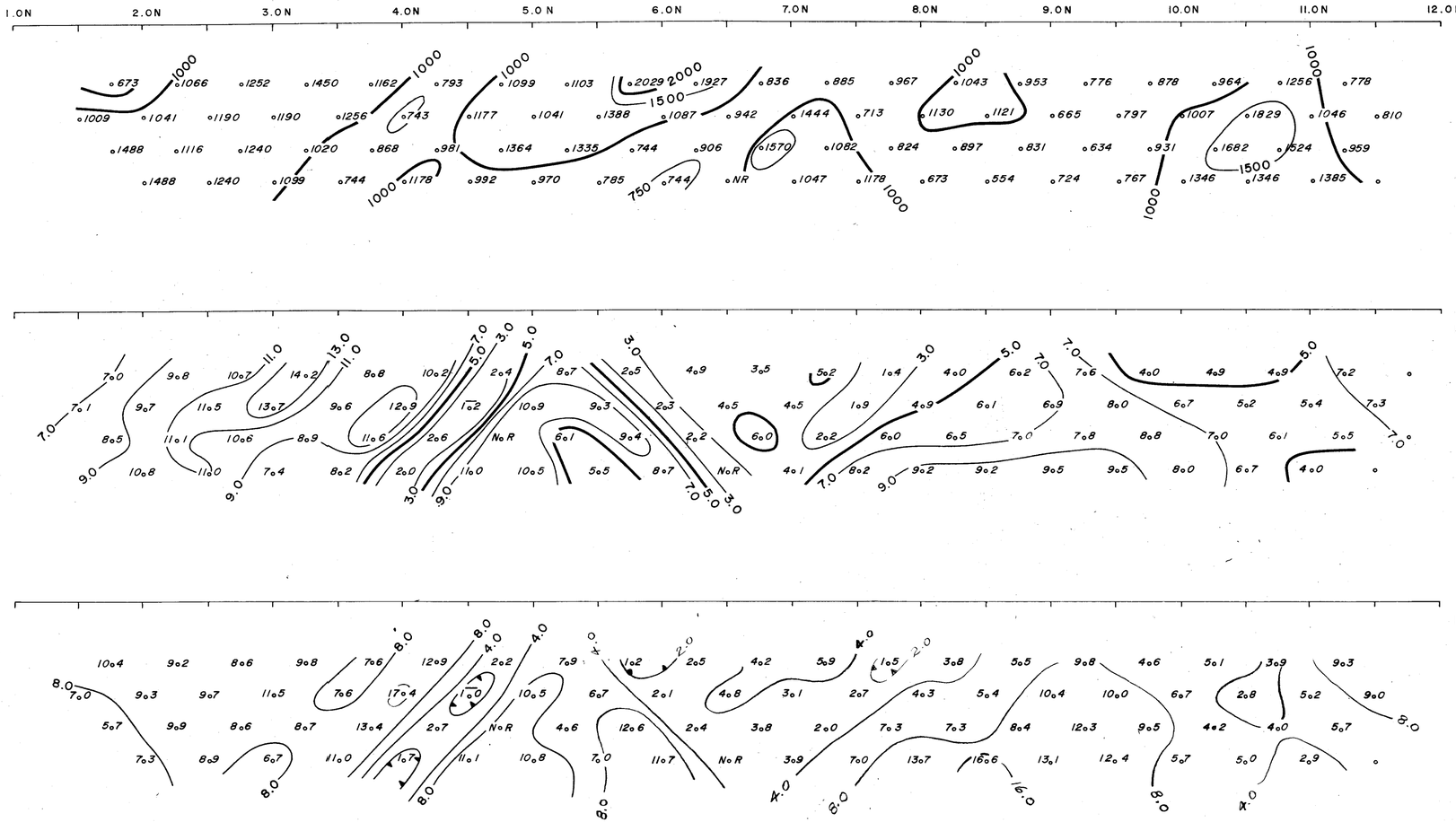
Part 2 of 2

L-9m E

SCALE : ONE INCH TO 50 METRES

50 25 0 50 100 150

— Prepared by —
NIELSEN GEOPHYSICS LTD.
VERNON, B.C.



NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 50 METRES

SCALE : ONE INCH TO 50 METRES

50 25 0 50 100 150

— Prepared by —
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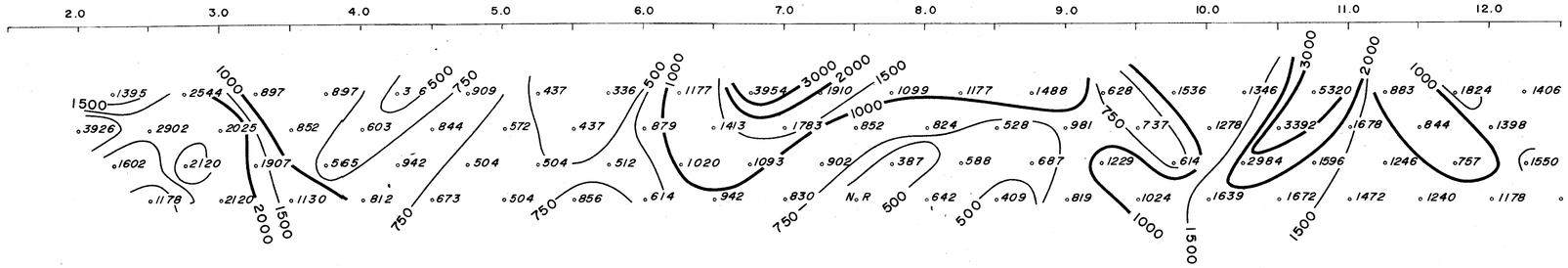
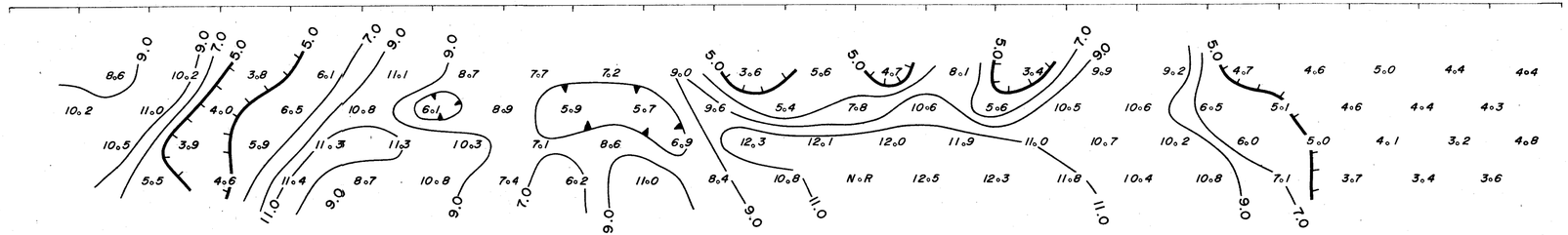
VERNON, B.C.



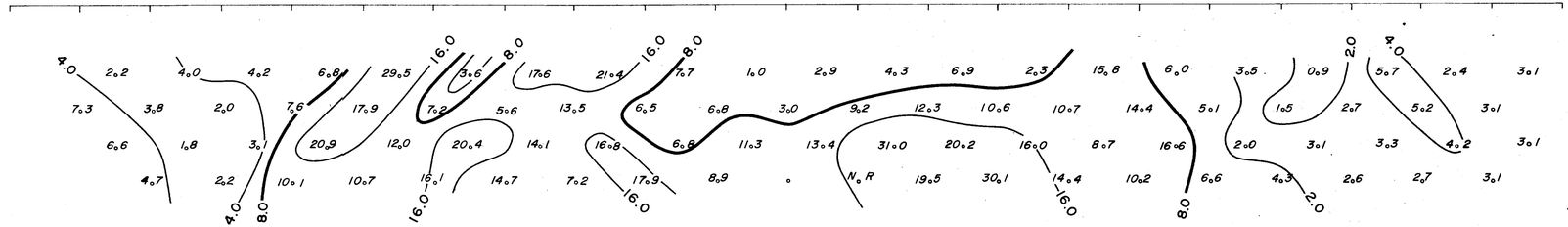
Pa OHM - METRES

N = 1
N = 2
N = 3
N = 4



F.E.

N = 1
N = 2
N = 3
N = 4



M.F.

N = 1
N = 2
N = 3
N = 4

NUSPAR RESOURCES LTD.
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JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 50 METRES

Part 2 of 2

L - 5m E

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9645

SCALE : ONE INCH TO 50 METRES
50 25 0 50 100 150

— Prepared by —
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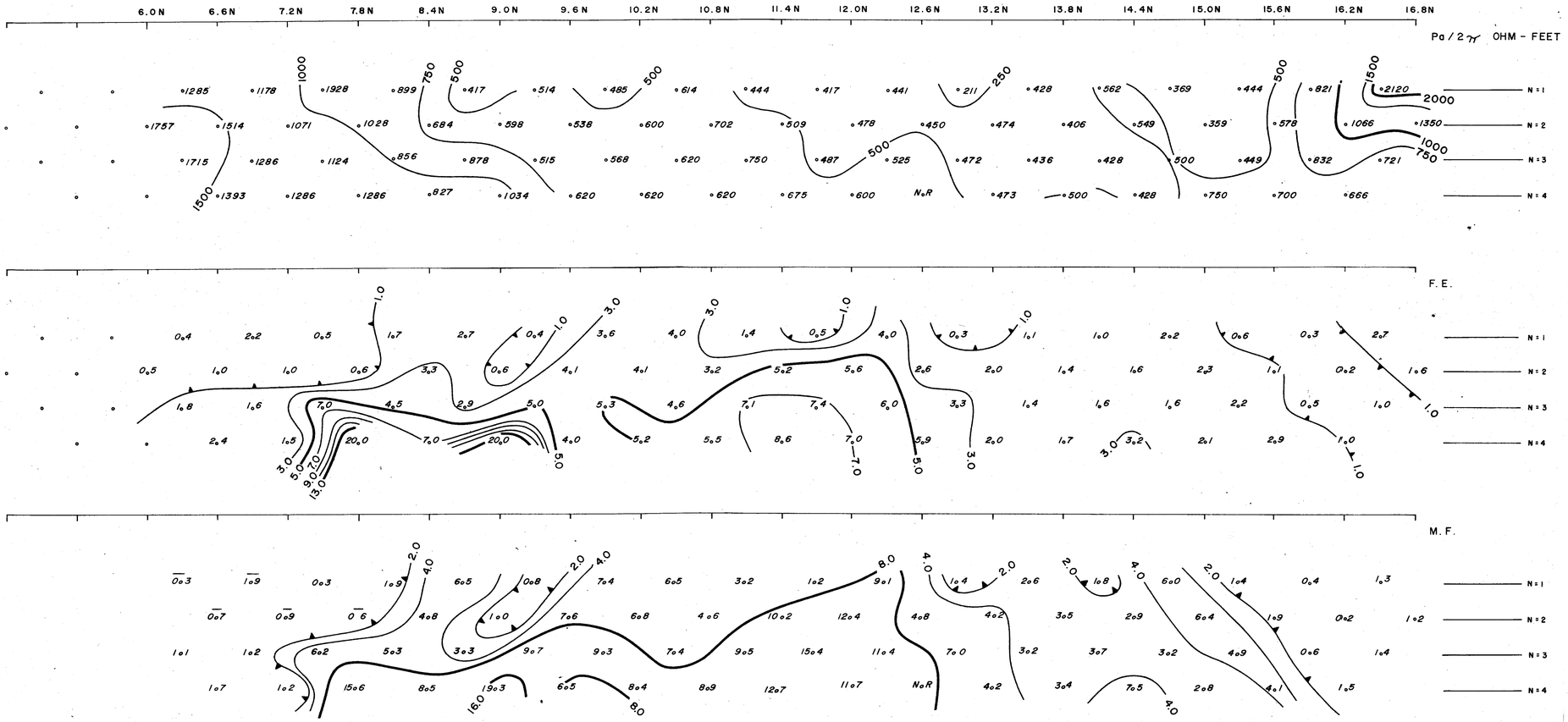
VERNON, B.C.



NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 60 METRES

L-124 E

Part 2 of 2

SCALE : ONE INCH TO 60 METRES

60 30 0 60 120 METRES
200 100 0 200 400 FEET

— Prepared by —

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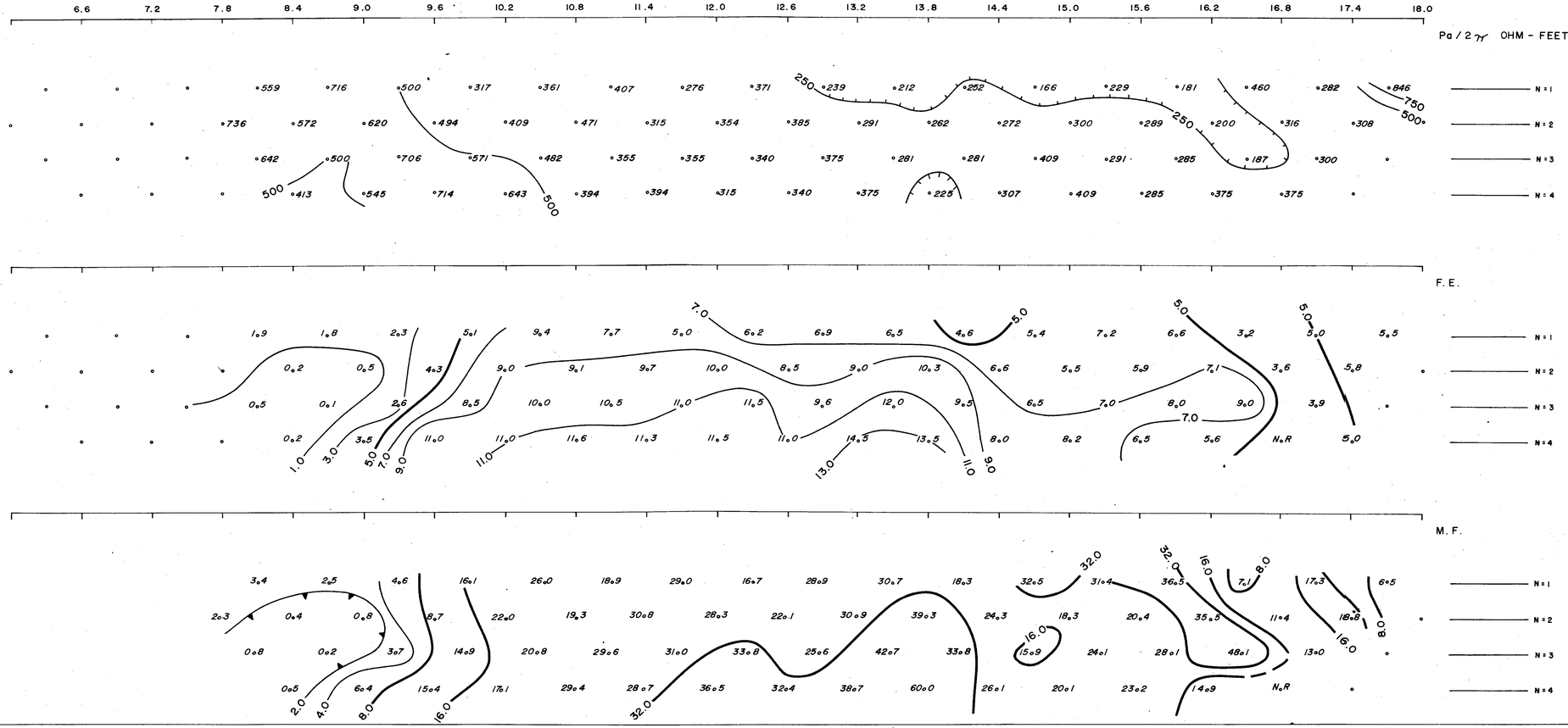
VERNON, B.C.



NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 60 METRES

L-132 E

part 2 of 2

SCALE : ONE INCH TO 60 METRES

60 30 0 60 120 METRES
200 100 0 200 400 FEET

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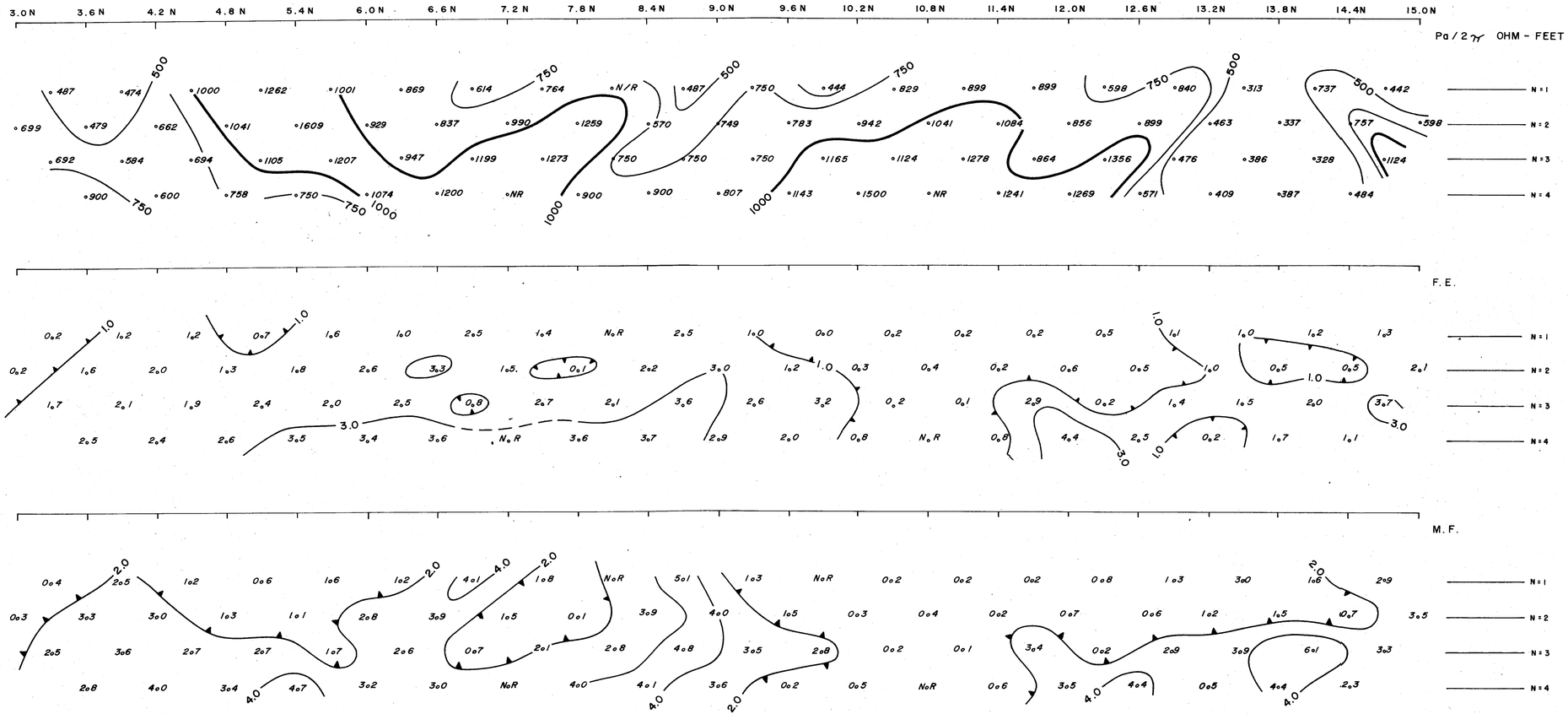

NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 60 METRES

L-108E

part 2 of 2

SCALE : ONE INCH TO 60 METRES

60 30 0 60 120 METRES
200 100 0 200 400 FEET

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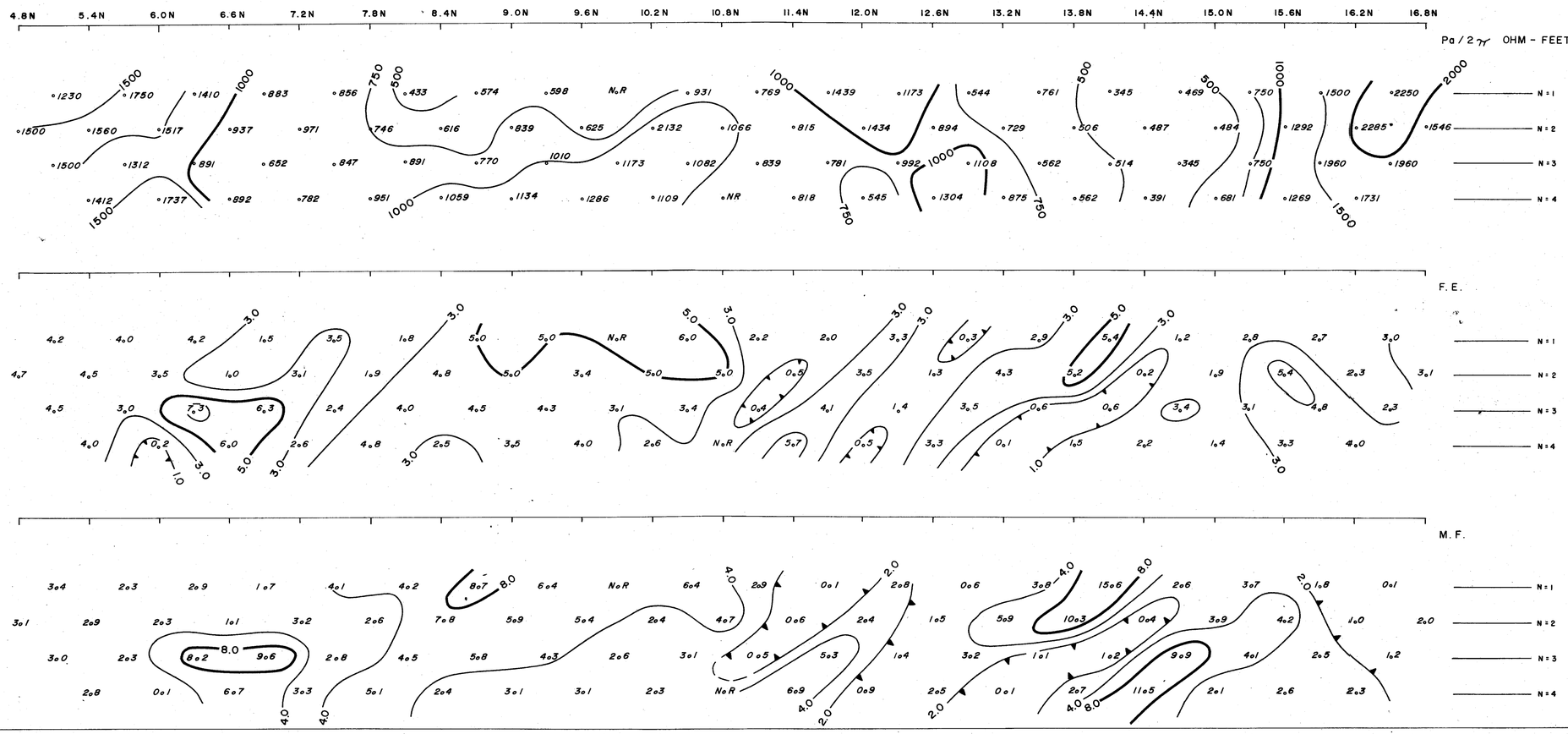

NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 60 METRES

L - 116 E

Part 2 of 2

SCALE : ONE INCH TO 60 METRES

60 30 0 60 120 METRES
200 100 0 200 400 FEET

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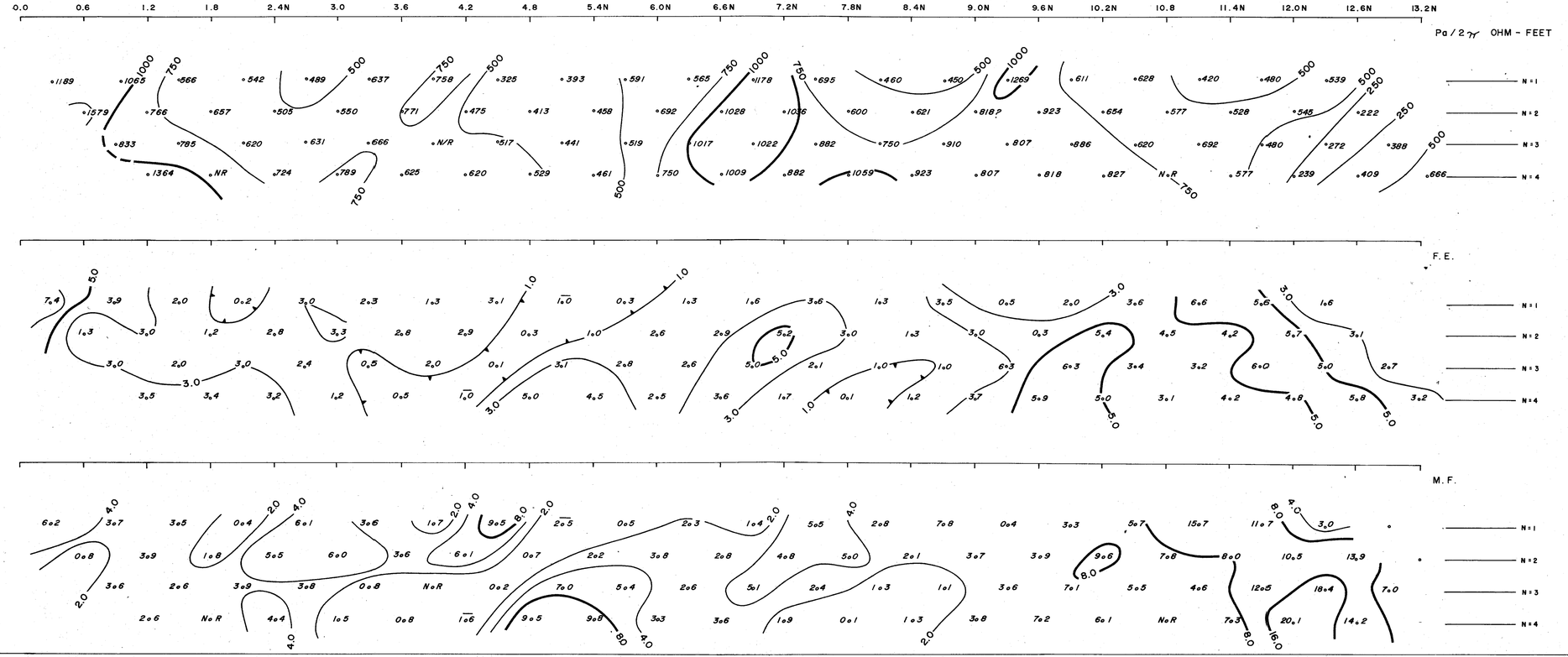

NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 60 METRES

L-100 E

Part 2 of 2

SCALE : ONE INCH TO 60 METRES

60 30 0 60 120 METRES
200 100 0 200 400 FEET

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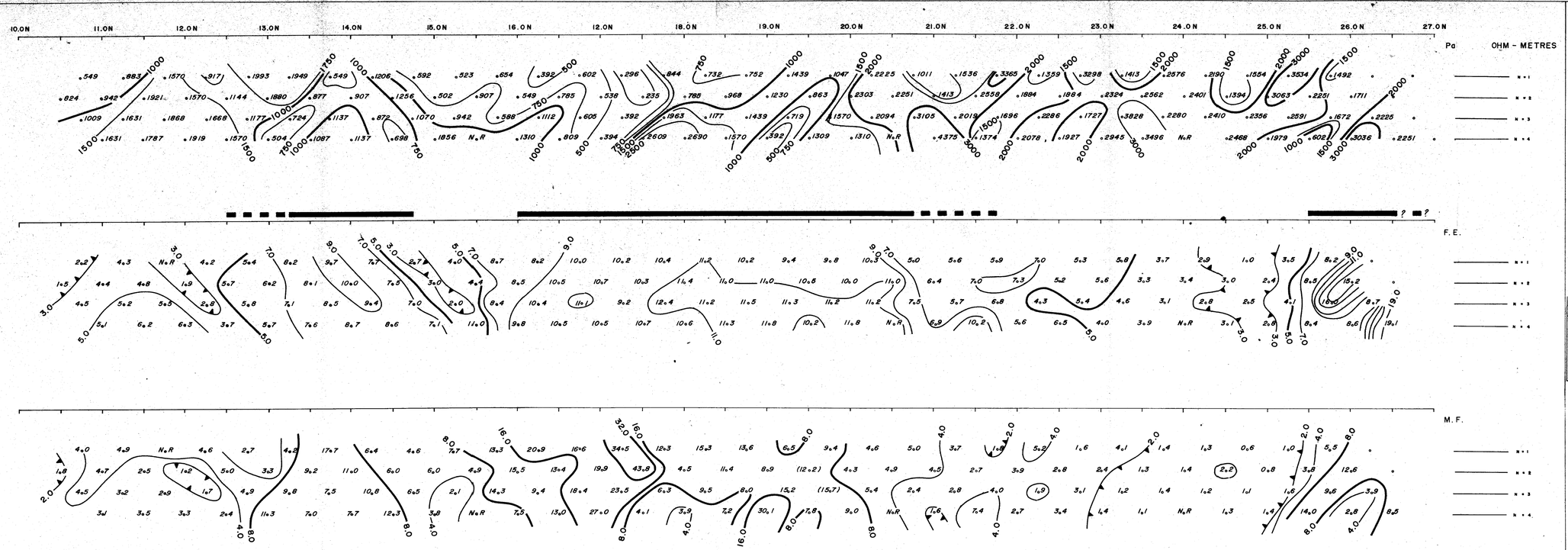


NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 50 METRES

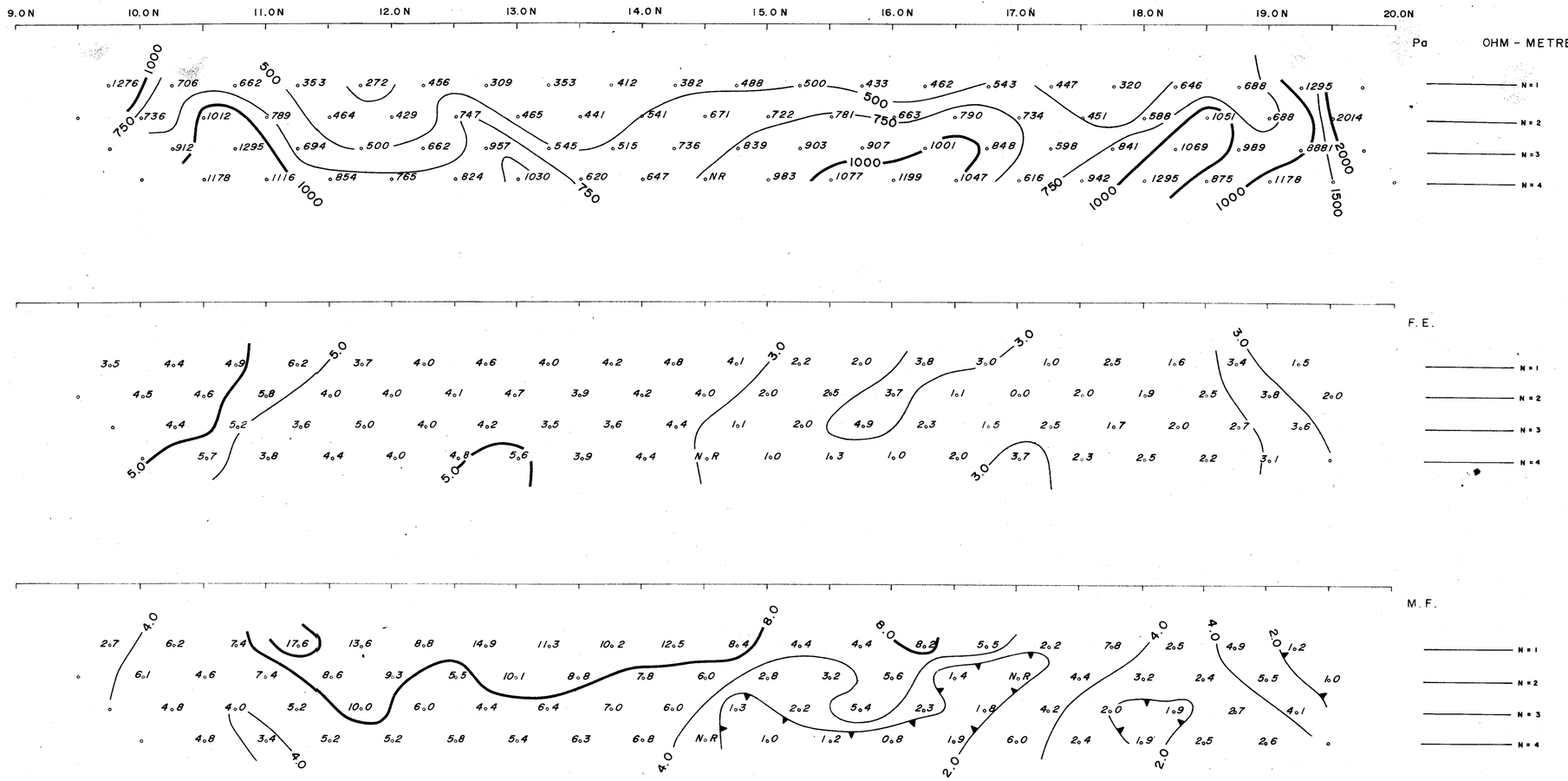
Part 2 of 2

L - 96m E

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9645

SCALE : ONE INCH TO 50 METRES
50 25 0 50 100 150

— Prepared by —
NIELSEN GEOPHYSICS LTD.
VERNON, B.C.



NUSPAR RESOURCES LTD.
&
ESSO MINERALS CANADA
JOINT VENTURE

EAGLE CLAIMS

DIPOLE - DIPOLE ARRAY
a = 50 METRES

L - 100 m E

Part 2 of 2

SCALE : ONE INCH TO 50 METRES

50 25 0 50 100 150

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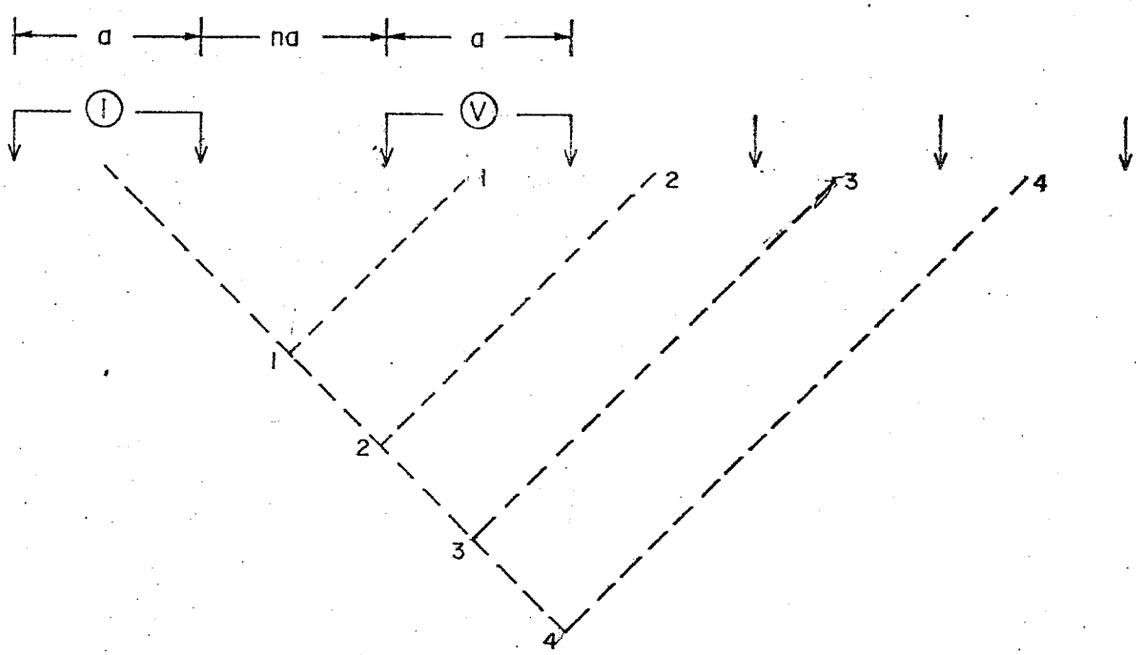
DIPOLE – DIPOLE ARRAY



ANOMALOUS ZONE

POSSIBLE ANOMALOUS ZONE