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10/86

GEOCHEMICAL, GEOLOGICAL, TRENCHING AND DIAMOND DRILLING REPORT ON THE KERR CLAIMS

SKEENA MINING DIVISION

1985 MINERAL EXPLORATION ASSESSMENT REPORT

FILMED

Claim Name	No. of Units	Record No.	Expiry Date	Work No.
Kerr 7	6	3662	Dec. 17, 1986	106309/320
Kerr 8	16	3663	Dec. 17, 1986	106321/352
Kerr 9	10	3664	Dec. 17, 1988	106353/412
Kerr 10	9	3665	Dec. 17, 1986	106413/430
Kerr 12	20	3666	Dec. 17, 1986	106431/470
Kerr 15	16	3669	Dec. 17, 1986	106471/502
Kerr 41	20	3697	Dec. 17, 1986	106503/542
Kerr 99	20	4690	Oct. 30, 1985	- - - -

Author: W.R. Epp

Date: December 1985
N.T.S.: 104B/8
Commodities: Au, Ag
Latitude: 56° 28'N
Longitude: 130° 15'W
Owner: Brinco Limited
Operator: Brinco Limited

TABLE OF CONTENTS

LIST OF TABLES

APPENDICES

LIST OF FIGURES

LIST OF FIGURES (cont'd)

SUMMARY

Geological and geochemical exploration and evaluation of the Kerr gold prospect in 1985 identified good precious metal targets within a belt of tectonized hydrothermally altered, pyritic andesitic tuffs. Six gold geochemically anomalous zones were defined, three of which were trenched, of which two were diamond drilled, and three of which have yet to receive detailed sampling over talus and soil gold anomalies (peak grab sample 46.5 g/tonne Au). Peak gold value from trench sampling is 5.76 oz/t over 3 metres accompanied by 5.65 oz/t silver over the same interval.

Drilling has intersected breccia and quartz-pyrite zones which contain sub-economic yet highly encouraging gold values (3.6 g/tonne Au over 4.0 m and 2.37 g/tonne Au over 14 m) and supportive silver grades 193.0 g over 1.2 meters.

Intense sericite alteration with subordinate silica, chlorite and carbonate hydrothermal alteration products within foliated and brecciated andesitic tuffs accompanied by pyrite, weak base metal and free gold mineralization reflect the presence of an epithermal system which has a potential for high grade precious metal components and a stratigraphically deeper porphyry gold proto ore.

The regional setting, proximity to the Sulphurets gold deposits, the presence of gold and gold indicative parameters provide encouraging incentive to continue detailed exploration for economic mineralization on the Kerr claims.

1.0 INTRODUCTION

1.1 Location and Access

The Kerr gold prospect is located at 56°28' north latitude and 130°15' west longitude (NTS map 104 B/8) (Figure 1a, 1b). Access to the property is by helicopter from Snippaker Creek. The closest town is Stewart, B.C. located approximately 60 km south.

The property is characterized by moderately sloping ridgetops (1800 meters above sea level) broken by small cliffs and flanked by steeply sloping sides. The Sulphurets glacier surrounds the claims except to the west and its influence produces a significant microclimate in the area characterized by low cloud and rain.

Valley floors (500 m) are extensively vegetated with stunted willows, conifers, ground alder, and devil's club.

1.2 Claim Status

Claims comprising the Kerr property are listed below in Table 1.

TABLE 1

Claims Information

Claim Name	No. of Units	Record No.	Expiry Date	Work No.
Kerr 7	6	3662	Dec. 17, 1986	106309/320
Kerr 8	16	3663	Dec. 17, 1986	106321/352
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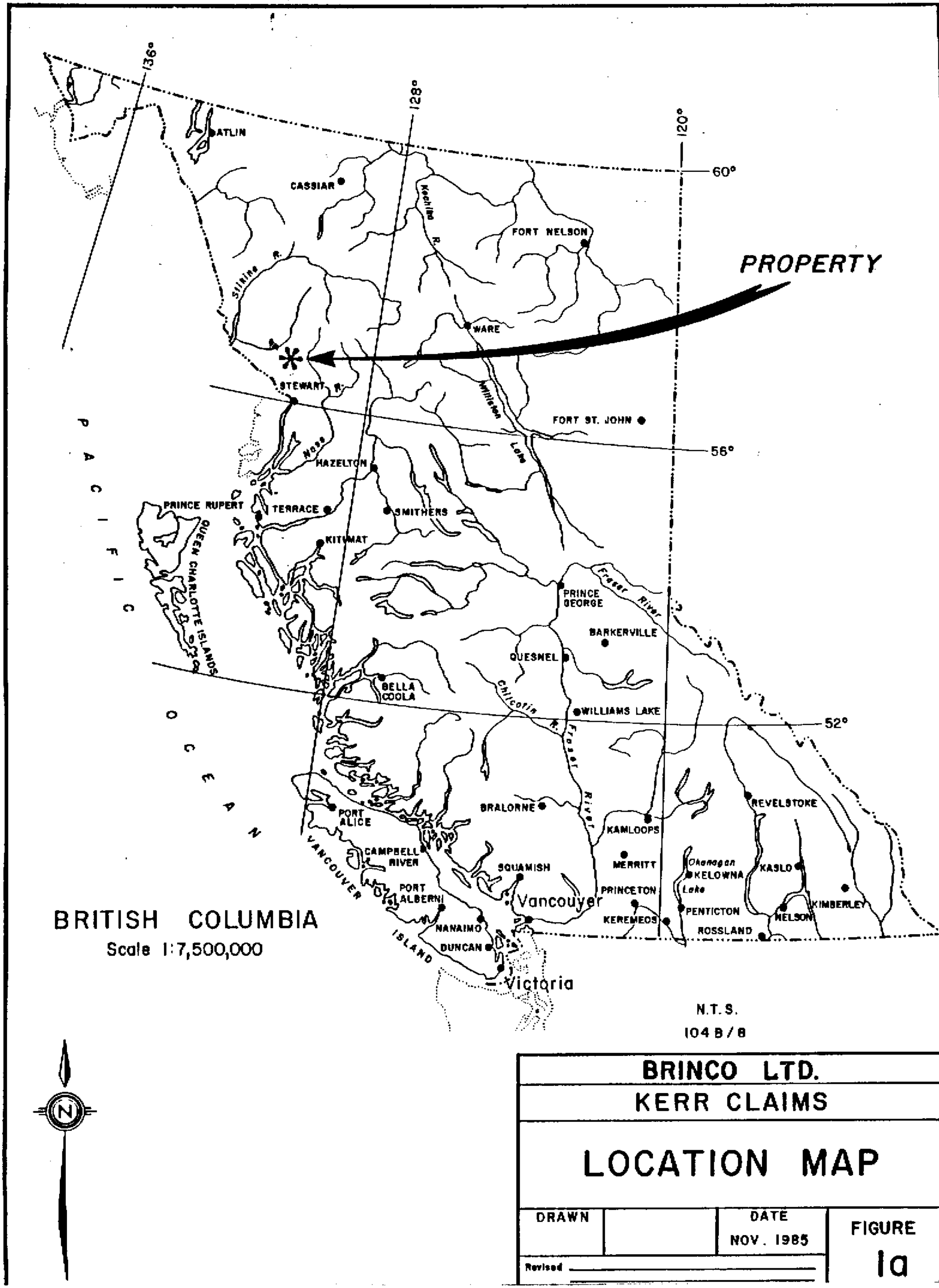
Kerr 99	20	4690	Oct. 30, 1985	----------

The claims Kerr 7, 8, 9, 10, 12, 15 and 41 are grouped as the Kerr Group #1866. This group was recorded December 16, 1983. The claims lie within the Skeena Mining Division. Brinco Limited are the owners of the claims.

1.3 History

The property was originally staked by the Alpha Joint Venture to cover ground adjacent to gold mineralization discovered by Esso on the Sulphurets property. Anomalous gold values in the soil were obtained in 1983 by Alpha and as a result Brinco Limited optioned the property in 1984 and funded a program that outlined a gold



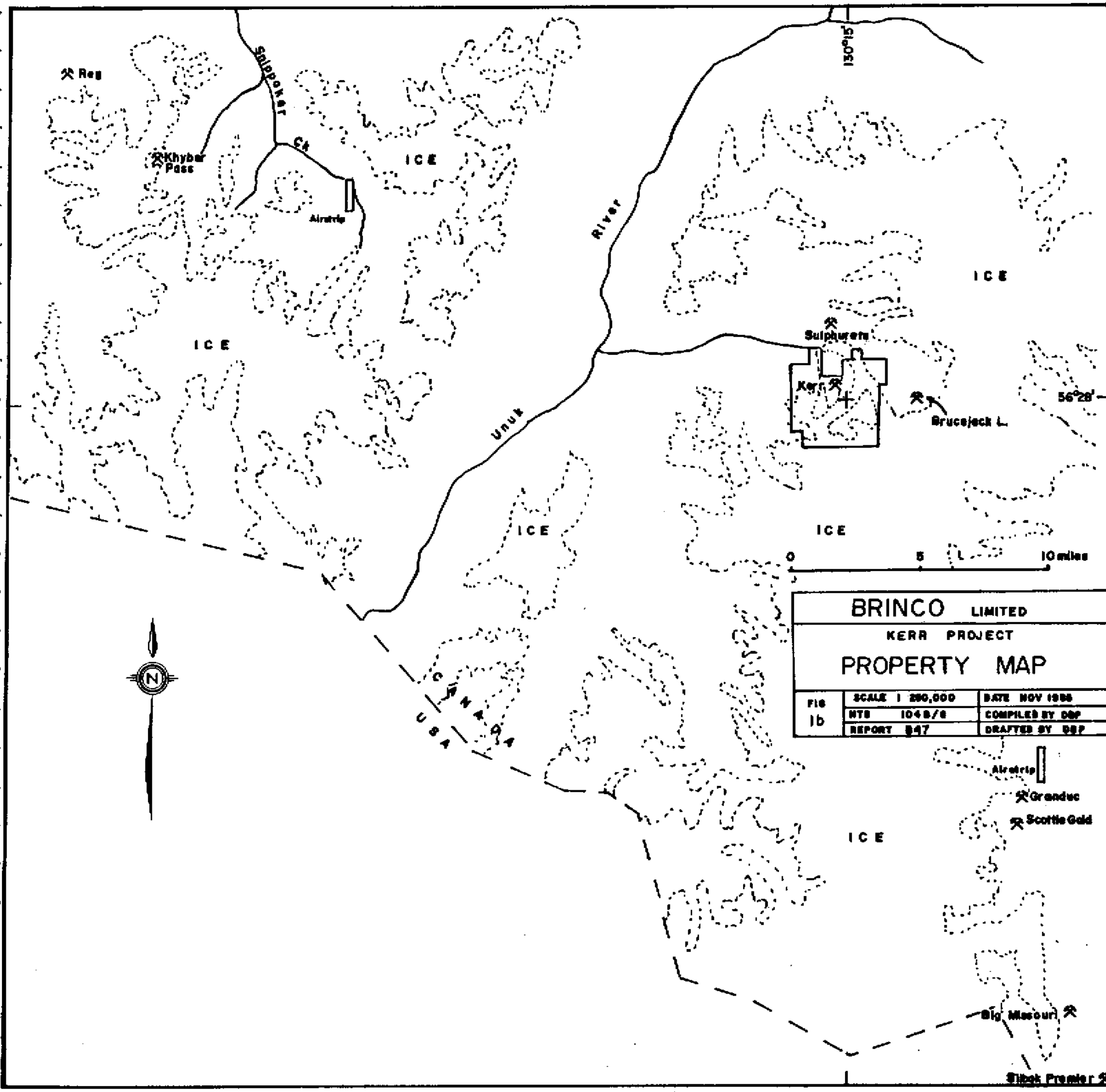
BRINCO LTD.

KERR CLAIMS

LOCATION MAP

DRAWN		DATE NOV. 1985	FIGURE 1a

Revised



BRINCO LIMITED
KERR PROJECT
PROPERTY MAP
FIG 1b
0 5 10 miles
Reg
Khyber Pass
Sulpokar
Ck
Airstrip
ICE
Unuk
River
130°15'
Sulphurets
Kerr
Brucejack L.
56°28'
CANADA
USA
Airstrip
Granduc
Scottie Gold
Big Missouri
Silbak Premier

anomaly of over one kilometer long with a mean gold value of 429 ppb and a peak gold value of 17,900 ppb.

The adjacent Brucejack Lake prospect (now a Lacana Mining/Newhawk Gold Mines joint venture) contains drill indicated reserves of 160,000 tons grading 0.21 oz gold per ton and 19.0 oz silver per ton over a strike length of 330 m and a vertical extent of 100 m. This interpreted epithermal stockwork vein zone contains numerous high grade sections and is open at depth. Two low grade, large tonnage, disseminated gold zones, each with a potential of 20 million tons grading approximately 0.09 oz gold per ton and associated copper and molybdenum have also been indicated (Northern Miner, July 4, 1985).

The Sulphurets area has provided a basis for a number of graduate theses (Kirkham, 1963 and Grove, 1973) and has been mapped by the B.C. Department of Mines who have produced geological compilation plans at 1:100,000 scale (Fig. 2) of which the northern sheet covers the Sulphurets (and Kerr) area.

Further historic information and details of the adjacent Newhawk/Lacana ground may be found in the 1984 assessment report by C. Graf.

1.4 1985 Mineral Exploration

Mineral exploration on the Kerr Claims in 1985 involved follow-up field work consisting of geological mapping, trenching, talus and soil sampling, trench channel sampling, rock chip sampling followed by diamond drilling. Phase 1 exploration (1984) outlined a one by one kilometer zone of highly anomalous gold geochemistry (up to 17.0 g/tonne) in soils with a coincident gossan within silicified, sericite-carbonate altered andesites. Phase two mapping and sampling within this zone delineated targets (Fig. 3) for three diamond drill holes which probed ground below anomalous trench channel sample gold geochemistry. Table 2 outlines sampling statistics.

ERRATUM

Updated reserves as of Dec.17,1985 for the Brucejack area are over 1.0 million tonnes grading 0.826 oz/tonne gold equivalent over a 12 foot width. The new Gossan Hill Zone contains 25,091 tonnes grading 2.209 Oz/tonne gold equivalent.

(George Cross Newsletter)

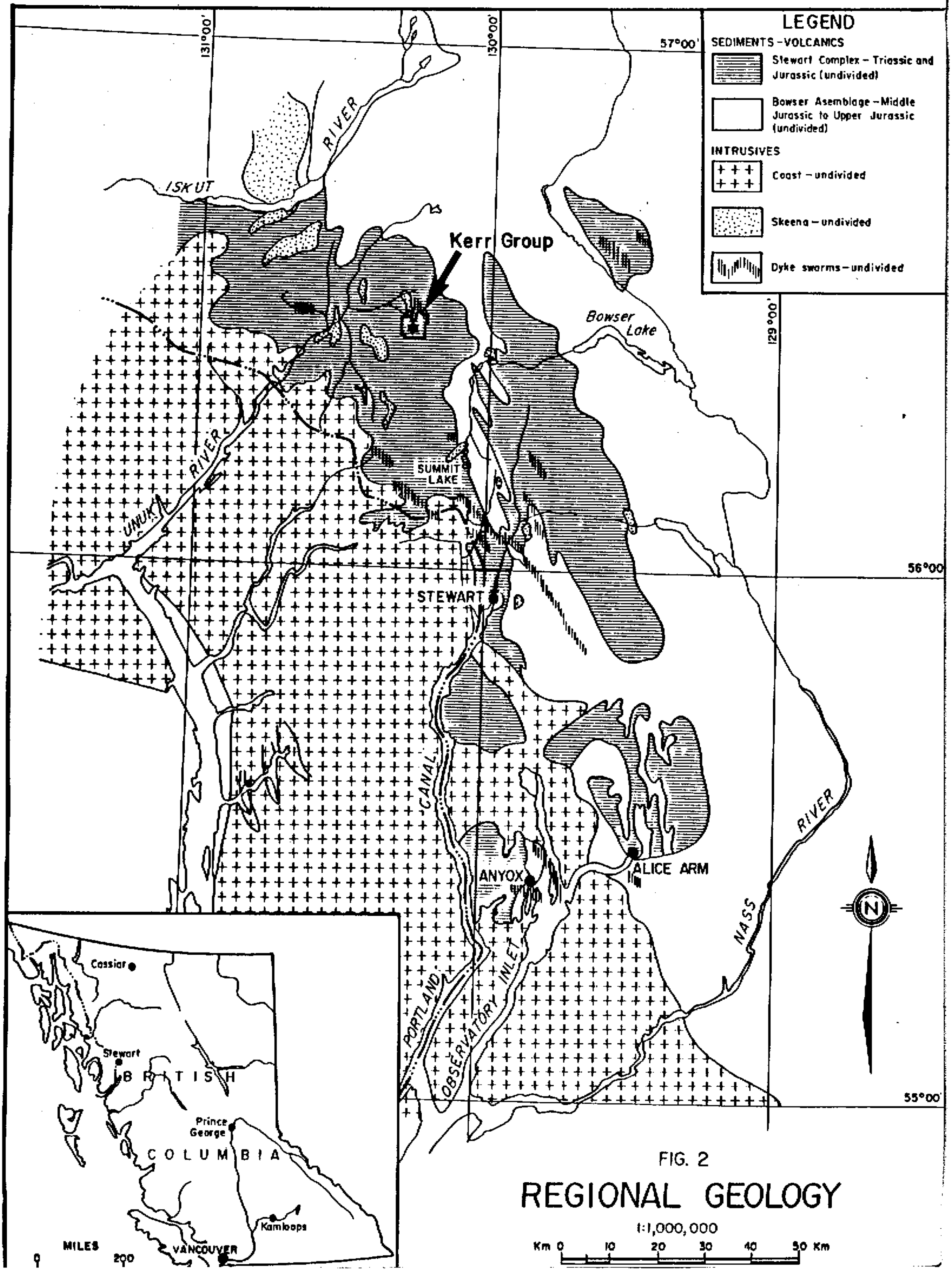
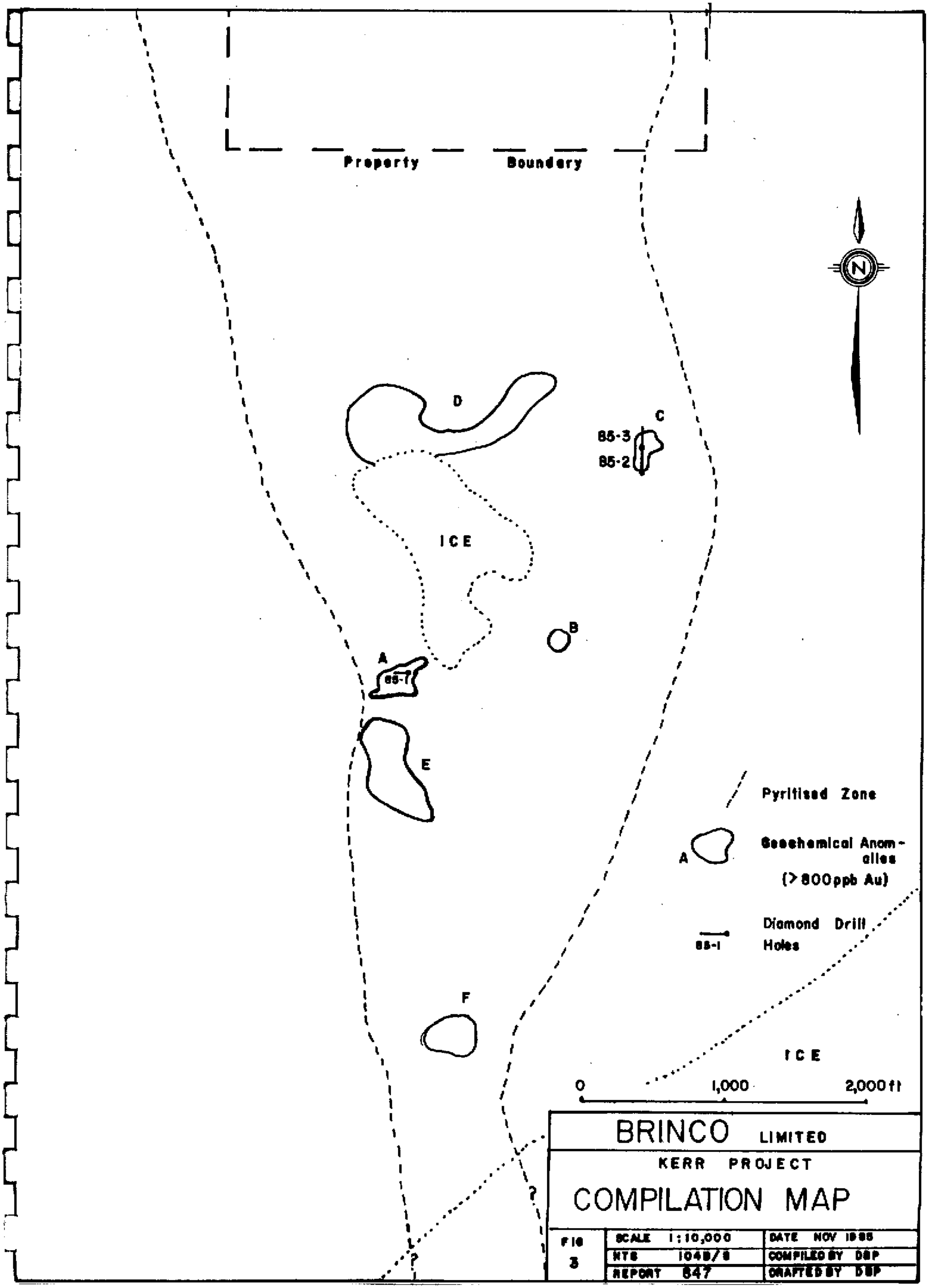


FIG. 2

REGIONAL GEOLOGY



Property Boundary
N
D
C
85-3
85-2
ICE
B
A
85-1
E
F
Pyritised Zone
A
Geochemical Anom-alies
(> 800ppb Au)
Diamond Drill Holes
85-1
ICE
0
1,000
2,000 ft
BRINCO LIMITED
KERR PROJECT
COMPILATION MAP
FIG 3
SCALE 1:10,000
NTS 104B/8
REPORT 647
DATE NOV 1985
COMPILED BY DBP
DRAFTED BY DBP

TABLE 2

Sampling Statistics

Sample Type	Total collected	Location	Analysed for	Comments
soil	409	Kerr	Au, Ag	location on map
silt	3	Kerr	Au, Ag	western area of claims
rock	59	Kerr	Au, Ag	every 5th sample analysed for Au,Ag,Pb, Zn,As,Sb,Cu
talus	1036	Kerr	Au, Ag	details on maps
trench	355	Kerr	Au, Ag	as for rock samples
drill core	102	Zone A,C	Au, Ag	details in Table 4

2.0 GEOLOGY

2.1 Introduction

The Unuk and Salmon River areas of Northwestern British Columbia (within which the Sulphurets and Kerr claims lie) are underlain by a belt of Stewart Complex Jurassic sedimentary and volcanic rocks that lie along the northeastern margin of the Coast Batholith. Large areas of hydrothermally altered, conspicuously colored felsic schist coincident with major regional fault zones occur across the map (with extensive occurrences in the Sulphurets/Kerr area) which are considered as good precious metals exploration targets. The entire Salmon River drainage is presently covered by mineral claims. Significant gold deposits such as Silbak-Premier (production 4 million tons @ 0.30 oz/ton), Big Missouri (2 million tons @ 0.11 oz/ton) and Scottie Gold provide exploration incentive and a prospectivity to the area prompting active detailed mineral exploration in the region.

2.2 Regional Geology

The Sulphurets-Mitchell Creek areas are dominated by Jurassic volcanics, epiclastics and marine sediments. Capping the stratigraphic succession and forming the highest peaks are volcano-sedimentary sandstones and conglomerates. Numerous dykes and intrusive bodies of intermediate composition intrude the older rocks and may be subvolcanic equivalents of younger volcanic flows. As some flows contain euhedral feldspars distinction between volcanic, subvolcanic and intrusives is often dubious.

Kirkham (1963) envisages immense volumes of trapped volatiles from magmatic intrusions and sub-volcanism resulting in large carbonate, sericite, albite, chlorite, pyrite and silica alteration haloes within the country rock above and adjacent to deeper-seated porphyry copper-style mineralized bodies. The end of the alteration period was sharp, possibly being terminated by the development of major faults which localized final hydrothermal solution concentration (and possibly was one of the precipitation controls for gold precipitation) as well as providing an exhalative conduit for fluids.

2.3 Property Surface Geology

2.3.1 Lithology and Stratigraphy (Fig. 4)

Three north-south trending belts of distinctive geology have to date been recognized on the property: 1) the lower sequence to the east, a succession of clastic sediments and intercalated volcanic flows; 2) the upper sequence to the west, a predominantly volcanic package with interbedded fine to coarse grained sediments; and 3) a major tectonically disrupted zone of altered andesitic tuffs separating the upper and lower sequences (see Fig. 9).

This altered and pyritiferous sheared zone contains the precious metal targets on the property and represents an optimum structural environment for the discovery of epithermal stockwork and stratigraphically deeper porphyry gold mineralization.

The lower sequence stratigraphic succession is a repetitive series of clastic sediments with interlayered volcanic flows. The sediments are primarily poorly sorted greywackes and polymictic pebble conglomerates with minor laminated and weakly crenulated siltstone. Local gradational sorting and cross-bedding indicate the sequence is upright. In general an east-northeast strike and a 60 degree dip to the south prevails. More resistant interbedded andesitic volcanic flows (forming small ridges) are fresh to weakly altered and display variable development of plagioclase phenocrysts.

The lower sequence contains at least 1700 m of stratigraphic thickness; twelve andesitic, eight greywacke, four conglomerate, and two siltstone beds make up the 26-member sequence.

The upper sequence to the west of the sheared zone contains a higher proportion of volcanic rocks than the lower units with a preferred north-south strike and a westerly dip (45°). Laminated siltstone, massive siltstone and polymictic conglomerate are intercalated within fresh, massive andesitic flows, epidotized andesitic flows and tuffs, and pyroclastic breccia which contains bombs up to 20 cm wide. The polymictic conglomerate contains clasts of porphyritic andesite identical to some of the lower sequence flows. Bedding features in the laminated siltstones indicate that this sequence is also upright. Within the upper sequence,

KERR PROJECT

PRELIMINARY STRATIGRAPHY

	PRIMARY - (Seds + Flows)	Intrusives + Metamorphics
UPPER SEQUENCE (~1.5 km)	ANDESITE FLOWS - Dominant Unit (fresh - minor interflow seds) SILTSTONE (finely laminated) UPPER CONGLOMERATE (subrounded, polymitic, includes clasts of andesite porphyry) SILTSTONE (includes thin volcanic horizons) ANDESITE FLOWS (massive, epidotized) PYROCLASTIC BRECCIA (contains bombs (?) up to 200 cm)	
LOWER SEQUENCE (~2 km)	GREYWACKE & SILTSTONE (laminated, highest units that altered to QSS) ANDESITIC FELDSPAR PORPHYRIES (probably flows, partly altered) SILICIFIED ANDESITE FLOWS (variable silicification, ~5% pyrite) SEDIMENTS (?) (highly altered to QSS, minor cherts intact) INTERLAYERED ANDESITE PORPHYRIES AND CONGLOMERATES (thick units east of the QSS zone, porphyries may be sills of flows) INTERLAYERED ANDESITE PORPHYRIES, GREYWACKE AND/OR SILTSTONE (fresh units lowermost in the section siltstone is laminated 'rhythmite')	ANDESITE DYKES (possible feeders, cut QQS) ANDESITE TUFF (lithodemic units formed by alteration along major shear zones, pyrite + mariposite, partly silicified)

Figure 9

beds were observed to be thicker than in the lower succession; one thousand meters of stratigraphy is represented by three fresh to weakly propyliticaily altered andesitic flows, two siltstone beds, and one member each of pyroclastic breccia, conglomerate, laminated siltstone and epidotized andesitic flows and tuffs.

Within the central part of the property is a north-south trending tectonically altered belt of steeply westerly dipping andesitic tuffs. True attitudes and lithotypes are difficult to discern in this area due to both incipient alteration and tectonic deformation. The sheared zone is approximately 500 m wide in the north and appears to pinch to approximately 150 m wide in the south (length approximately 1 km). Alteration within the zone is variable and ranges from moderate to intense sericitization and pyritization to randomly orientated silicified zones of varying intensities.

Quartz stringer stockwork zones have been locally developed yet are not necessarily auriferous. Gold appears, however, to be concentrated within this central zone along the margins with the upper and lower sequences of rocks. It must be remembered that the contacts and thus potentially gold-bearing zones are likely gradational tectonic contacts rather than lithological.

Variably orientated crosscutting late stage andesitic dykes frequent the sheared area. Dykes average one meter in thickness, vary from 0.1 m to 6.0 m in thickness, are medium green, cryptocrystalline and show no direct relationship to frequency of quartz stringers nor gold values.

2.3.2 Mineralization and Alteration

Pyrite, with concentrations between 2 and 5%, is ubiquitous throughout the sheared zone. Only zones of intense pyrite would be considered a good guide to specifically auriferous areas within this zone. Trenching has exposed occasional specks of malachite on fracture and foliation surfaces; the northernmost D Zone is reported to contain pyrite in relatively greater abundances.

In thin section anhedral to euhedral pyrite is observed to be associated with quartz and other sulphides to form irregular coarse patches. Chalcopyrite occurs as very fine grains adjacent to or occasionally within pyrite. Free gold occurs as inclusions in pyrite. Sphalerite and galena have been observed to enclose pyrite grains and are paragenetically later, as is calcite.

A chromium-bearing variety of muscovite found scattered throughout the sheared zone, mariposite, has been identified by XRD analysis; this chromium-bearing mica is generally restricted to wall rock alteration zones of gold deposits in basic and ultra-basic rocks (Boyle, 1979).

Intensely altered rock consists of patchy intergrowths of quartz, pyrite and sericite. Most original textures are destroyed and replaced by fine flakes of sericite disseminated between and within quartz grains. Sericite concentrated in thin diffuse streaky patches amongst the more rounded and finer quartz grains indicates possible shear tectonism during alteration.

An aureole of predominantly chloritic alteration is observed in rocks outside the major tectonic belt.

2.4 Trench Geology

Fifteen trenches, each approximately 0.5 m wide by 0.5 m deep, were excavated over anomalous gold geochemistry obtained from talus sample lines. Table 3 outlines individual trench specifics.

TABLE 3

Trench Details

Trench No.	Location	Dimensions (m)	No. of Samples	Analysis
1	Zone B	46 x 0.5	46	Au, Ag
2	Upper Lake	14 x 0.5	14	Au, Ag
3	Zone A	75 x 0.5	25	Au, Ag
4	Zone A	96 x 0.5	32	Au, Ag
5	Zone A	24 x 0.5	8	Au, Ag
6	Zone A	72 x 0.5	17	Au, Ag
7	Zone A	39 x 0.5	13	Au, Ag
8	Zone B	63 x 0.5	21	Au, Ag
9	Zone B	69 x 0.5	23	Au, Ag
10	Zone B	57 x 0.5	19	Au, Ag
11	Zone C	99 x 0.5	33	Au, Ag
12	Zone C	81 x 0.5	27	Au, Ag
13	Zone B	75 x 0.5	25	Au, Ag
14	Zone C	78 x 0.5	26	Au, Ag
15	Zone C	54 x 0.5	16	Au, Ag

Mapping in the trenches constituted noting only variation in mineralization thus the following observations have been elucidated from field plans.

Zone A (trenches 3, 4, 5, 6, 7)

These trenches lie perpendicular to the western contact area of the upper sequence laminated siltstone and the disrupted zone. Pyritiferous, schistose tuffaceous andesites are cut by basaltic and diorite dykes in the sheared zone. Bedding measurements in the upper sequence indicate a 40 - 45 degree dip to the west for the stratigraphy.

Zone B (trenches 1, 8, 9, 10, 13)

This zone (300 m east of Zone A) is wholly within the tectonized belt and contains north-south trending dykes cutting schistose andesitic tuff. A quartz breccia stockwork area was recorded in trench 13. Foliation readings trend north-south with dips at 60 - 85 degrees to the west.

Zone C (trenches 11, 12, 14, 15)

Zone C trenches are situated on the eastern edge of the sheared belt within andesitic tuffs near the contact with lower sequence siltstones. Attitude measurements in the lower sequence indicate beds strike west-northwest and dip to the south.

2.5 Drilling

Three diamond drill holes, designed to probe beneath anomalous gold in channel samples, preliminarily tested two zones (A and C) for precious metal mineralization at depth. Table 4 outlines pertinent drillhole statistics.

TABLE 4

Drillhole Statistics

Hole No.	Location	Azimuth	Declination	Final Depth
K-85-1	Zone A	270	-45	52.8 m
K-85-2	Zone C	345	-45	60.3 m
K-85-3	Zone C	345	-45	76.8 m
			TOTAL	189.9 m

Drillhole K-85-1 (Fig. 16) penetrated fine grained, weakly chloritic, pyritic (1 - 2%), andesitic tuffs to a depth of 41.7 meters whereupon an auriferous (3.9 g/tonne Au and 193.0 g/tonne Ag) hydrothermal breccia zone was encountered over the next 1.2 meters. Abundant pyrite (up to 30%), strong fracturing, calcite, chlorite, and silica network/matrix fill and brecciation and its narrow width suggest that this zone may be an arm/portion of a larger outlet/-leakage precious metal-bearing hydrothermal conduit.

The remainder of the hole consisted of weakly chloritic, porphyritic andesite.

Bedding attitudes in the upper sequence siltstones immediately to the west of drillhole 1 and foliation readings in the sheared andesites surrounding hole 1 indicate a westerly dip for rock units thus the azimuth of drillhole 1 would have been better at 090 degrees rather than 270 degrees.

K-85-2 (Fig. 20) cored pyritic, fractured, chloritic andesitic tuffs throughout which in places displayed significant silicification and carbonate alteration. A gold-bearing (3.6 g/tonne over 4.0 m) quartz-pyrite zone was encountered from 12.0 to 16.0 meters. It is evident that a possible relationship between pyrite-quartz content and gold concentrations exists in this area.

The first 56.0 m of drillhole K-85-3 (Fig. 20) are andesitic tuffs similar to those encountered in hole 2. From 56.0 to 70.0 m contorted andesite displaying phyllic alteration which may be from a higher emplacement level within the hydrothermal system was discovered to contain 2.37 g/tonne Au over the 14 meters. The hole bottomed in a very fine grained, weakly chloritic andesite.

2.6 Discussion

Mineral exploration in the Sulphurets Creek area has been ongoing for over 100 years and to date has resulted in the discovery of potentially economic gold deposits on adjacent claims to the Kerr Property (Newhawk/Lacana ground to the east).

Geological evaluation of the Kerr prospect indicates that good precious metal targets exist within the tectonically disrupted belt and drilling has shown that breccia zones and quartz-pyrite zones known to date contain subeconomic yet highly encouraging gold values. Alteration assemblages, mineralogy, structural and regional setting and the presence of precious metals at the Kerr prospect provide encouraging incentive to continue detailed exploration for economic mineralization.

Increased density rock sampling and smaller scale geological mapping should result in further drill target delineation.

3.0 GEOCHEMISTRY

3.1 Introduction

Geochemical surveys during 1985 consisted of three distinct stages of soil sampling, as well as talus line, rock chip, trench channel (Fig. 5, 7, 10, 13) and drill core sampling. Six zones (A - F), geochemically anomalous in gold, were identified as a result of these surveys. Two zones to date (Zones A and C) have been preliminarily drilled; three zones (A, B and C) contain trenches over talus gold anomalies and three zones (D, E and F) have yet to receive follow-up detailed sampling to talus and soil gold anomalies.

Soil and talus samples were dispatched to Acme Analytical Laboratories in Vancouver where they were dried and sieved to -80 mesh. A 0.5 g sample of the pulp was then digested in 3 ml of 3-1-2 HCL-HNO3-H20 at 95 degrees C for one hour and then diluted to 10 ml with water. All samples were then analysed for silver and gold by the ICP method.

Rock, trench channel, and drill core were pulverized to -100 mesh and then each 10 gram split was subjected to fire assay preconcentration, hot aqua regia leaching, MIBK extraction and atomic absorption analysis for silver and gold by fire assay.

3.2 Results

3.2.1 Soil and Talus Sampling (Fig. 6, 8)

Initially 409 soil samples spaced 100 m apart were collected on a reconnaissance basis from contour traverses over the claims. Distinctive Au anomalous areas emerged (values >1000 ppb are worthy of further investigation) which were line sampled (most lines run north-south with occasional multidirectional lines) to obtain greater detail. Emerging geochemistry was a refinement of the anomalies, some of which were subsequently trenched and channel sampled. Table 5 displays salient features of soil and talus line geochemistry.

TABLE 5

Soil and Talus Line Geochemistry - A Summary

Element	Mean	Sample SD	M+2SD	Peak Value	No. of Samples
Ag (ppm)	2.85	4.92	13	85.2	340
Au (ppb)	450.14	403.65	1257	3600.0	340

NOTE: these statistics were calculated from only 340 samples. Time did not permit input of more data.

3.2.2 Trench and Rock Geochemistry (Fig. 11, 12, 14, 15)

Of the six gold geochemically anomalous zones defined through talus line and soil sampling, three areas were trenched and chip channel sampled in three meter intervals. Table 3 outlined trench location, dimensions and sample information. Table 6 summarizes salient results from that sampling.

TABLE 6

Summary of Trench Geochemistry

Zone	Trench No.	Peak Gold (ppb)	Weighted Average Grade
A	3	985	n/a
A	4	2360	1.47 g over 15 m
B	10	5400	5.4 g over 3 m
C	11	10,100	3.89 g over 12 m 4.16 g over 12 m
C	12	5.76 oz/t (Ag) 5.65 oz/t	5.76 oz/t over 3 m 5.65 oz/t over 3 m

Gold and silver data was combined into one file for each zone and subjected to simple statistical treatment. Table 7 summarizes data processing of trench geochemistry.

TABLE 7

Trench Geochemistry Statistics

Zone	Mean	S.D.	M+2SD	Corr. Coef	Peak	Total Samples
A						
Ag	5.2	18.2	42	.62	154.1	94
Au	290.5	486.5	1263	.62	2660.0	94
B						
Ag	2.9	3.6	10	.16	30.3	134
Au	243.5	490.7	1225	.16	5400.0	134
C						
Ag	4.9	6.4	18	.66	48.0	93
Au	861.9	1545.3	3963	.66	10100.0	93

NOTE: Corr. Coef = correlation coefficient

Analysis of Table 7 reveals that Zone B (located within the boundaries of the sheared belt) has a different chemical signature to the boundary contact zones (Zones A and C) with respect to correlation coefficient between silver and gold and the mean of the silver values.

Zones A and B display similar mean and standard deviation gold geochemical characteristics; Zone C exhibits skewed gold statistics due to the influence of a few very high values, however observation of the raw data suggests that higher gold mean and standard deviations exist in this zone.

The data utilized barely constitute a valid statistical population, however future studies employing data processing techniques are valuable as a better understanding of "real" versus "red herring" anomalies and their relationship to economic mineralization may emerge.

Zones E, F and D each contain soil and talus line gold anomalies which are worthy of follow-up exploration. Zone F, the furthest south, contains rock samples with 46.5 g/tonne gold while Zone D, the furthest north, contains 4.87 g/tonne gold over 40 meters (talus line samples were collected every meter and combined every 10 meters to derive one sample). Zone E also contains a number of clusters of gold values greater than 1000 ppb (peak value 10.2 g/tonne).

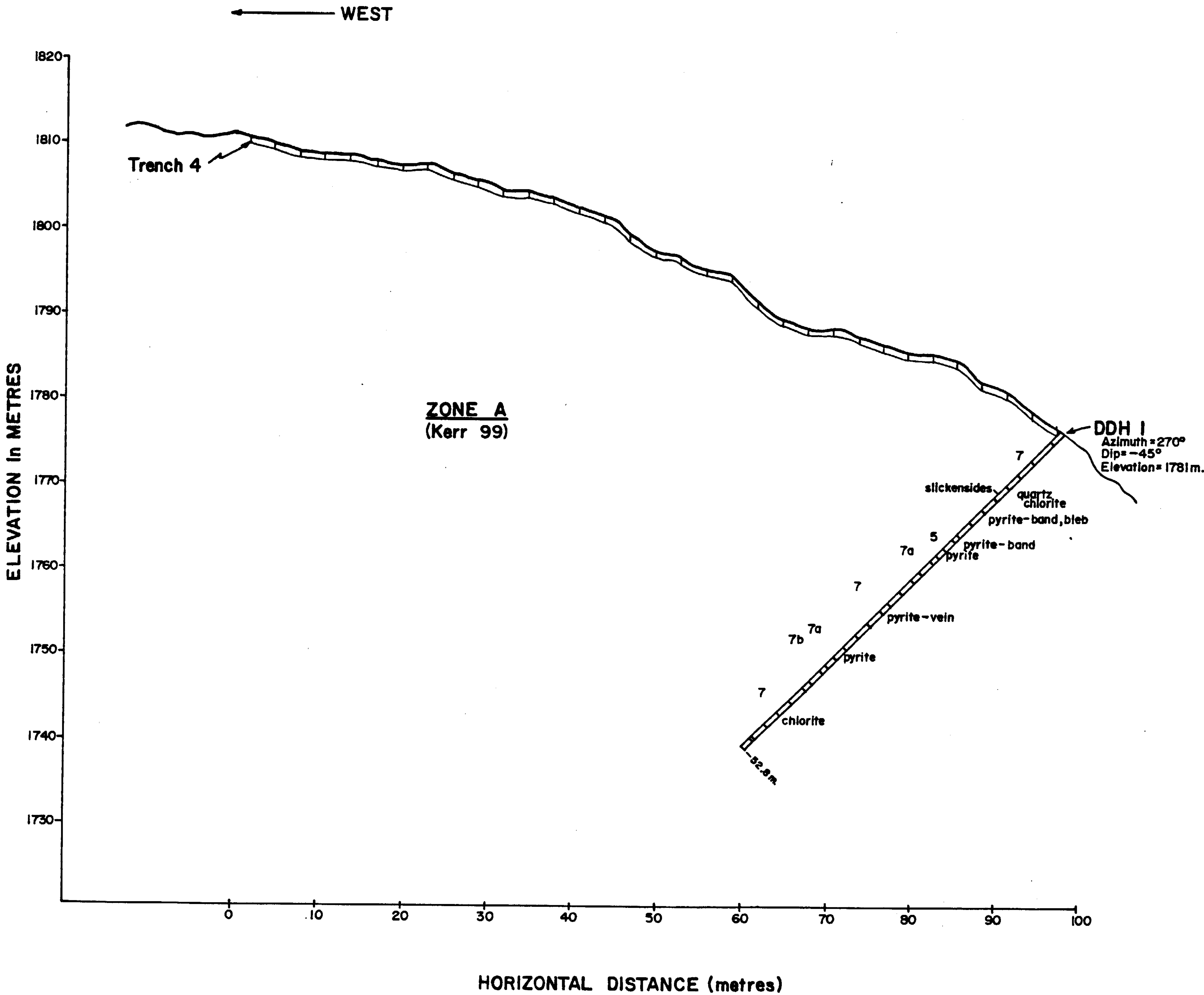
3.2.3 Drill Core Geochemistry (Fig. 17, 18, 19, 21, 22, 23)

Sub-economic yet highly encouraging gold and silver concentrations were obtained from each of the three drillholes. Table 8 summarizes borehole geochemistry.

TABLE 8

Drillhole Geochemistry

Hole No.	Location	Interval	Width	Peak Au	Peak Ag	Weighted Average
1	Zone A	41.7-42.9	1.2 m	3.9 g	193.0 g	3.9 g Au over 1.2 m 193.0 g Ag over 1.2 m 66.6 g Ag over 5.0 m (40-45 m)
2	Zone C	12.0-16.0	4.0 m	4.92 g	31.5 g	3.6 g Au over 4.0 m
		18.0-18.5	0.5 m	2.5 g	41.1 g	2.5 g Au over 0.5 m
3	Zone C	56.0-70.0	14.0 m	3.5 g	12.0 g	2.37 g Au over 14 m



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

LEGEND

5	*porphyritic andesite*
7	*andesite tuff*
7a	*quartz stringer zone*
7b	*breccia zone*

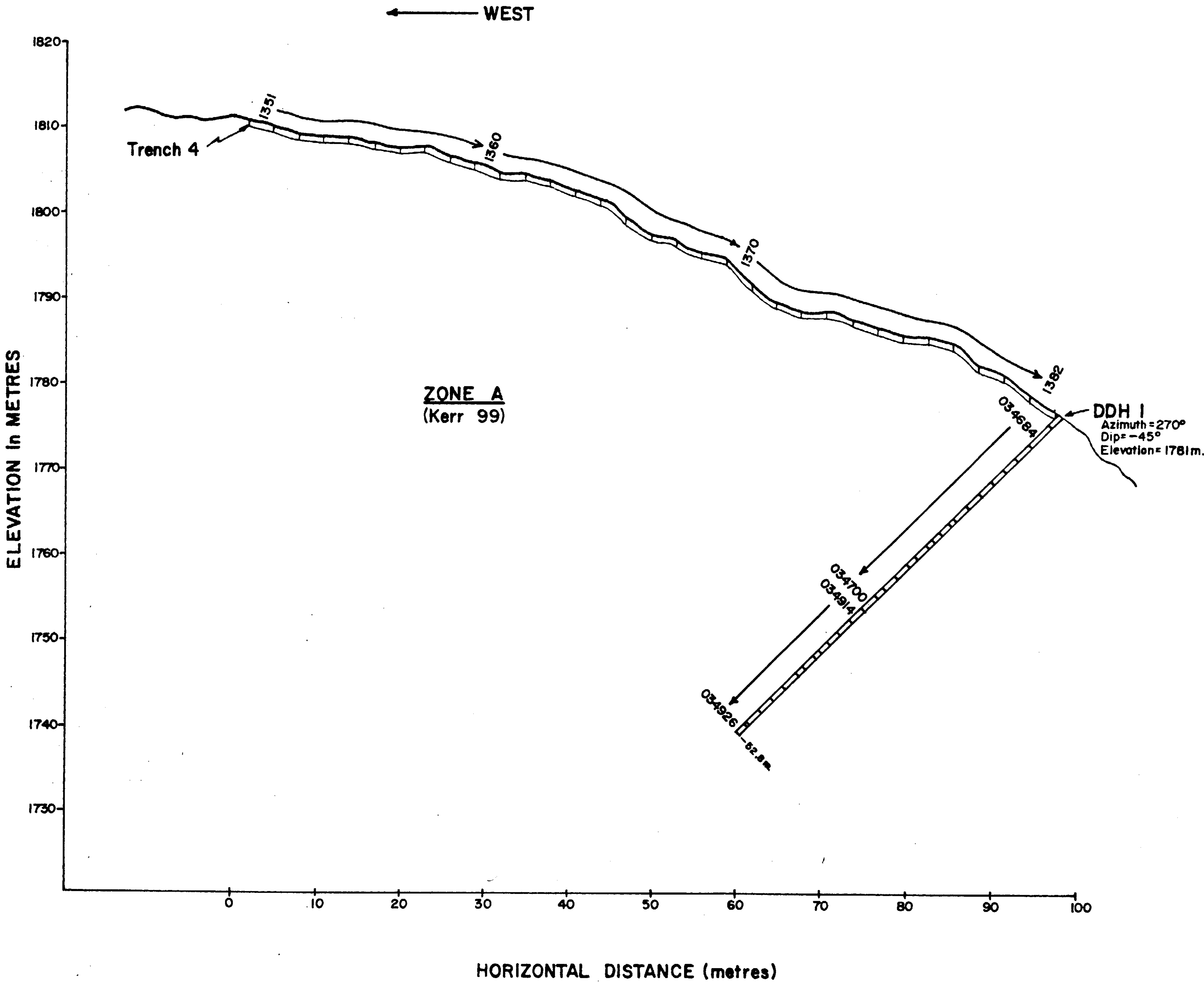
Scale Bar

0 5 10 15 20 25 30 metres

Brinco LIMITED

KERR CLAIM GROUP
1985
DDH-1 & TRENCH 4
GEOLOGY

FIGURE 16	Scale: 1:500	Date: December, 1985
	N.T.S. 104B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm



GEOLOGICAL BRANCH
ASSESSMENT REPORT

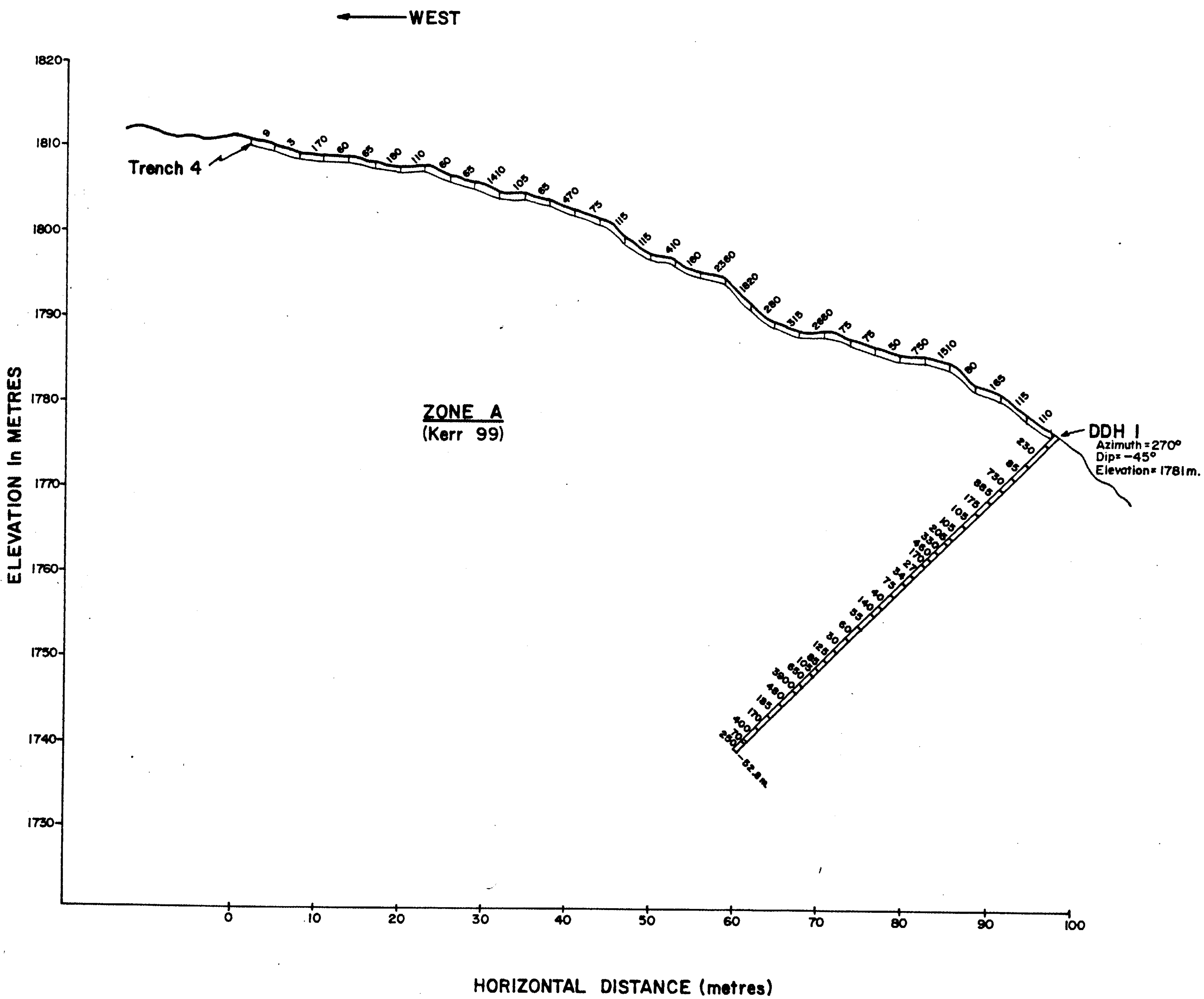
14,614

Scale Bar
0 5 10 15 20 25 30 metres

Brinco LIMITED

KERR CLAIM GROUP
1985
DDH-1 & TRENCH 4
SAMPLE LOCATIONS

FIGURE 17	Scale: 1:500	Date: December, 1985
	N.T.S. 104B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

Scale Bar

0 5 10 15 20 25 30 metres

Brinco LIMITED

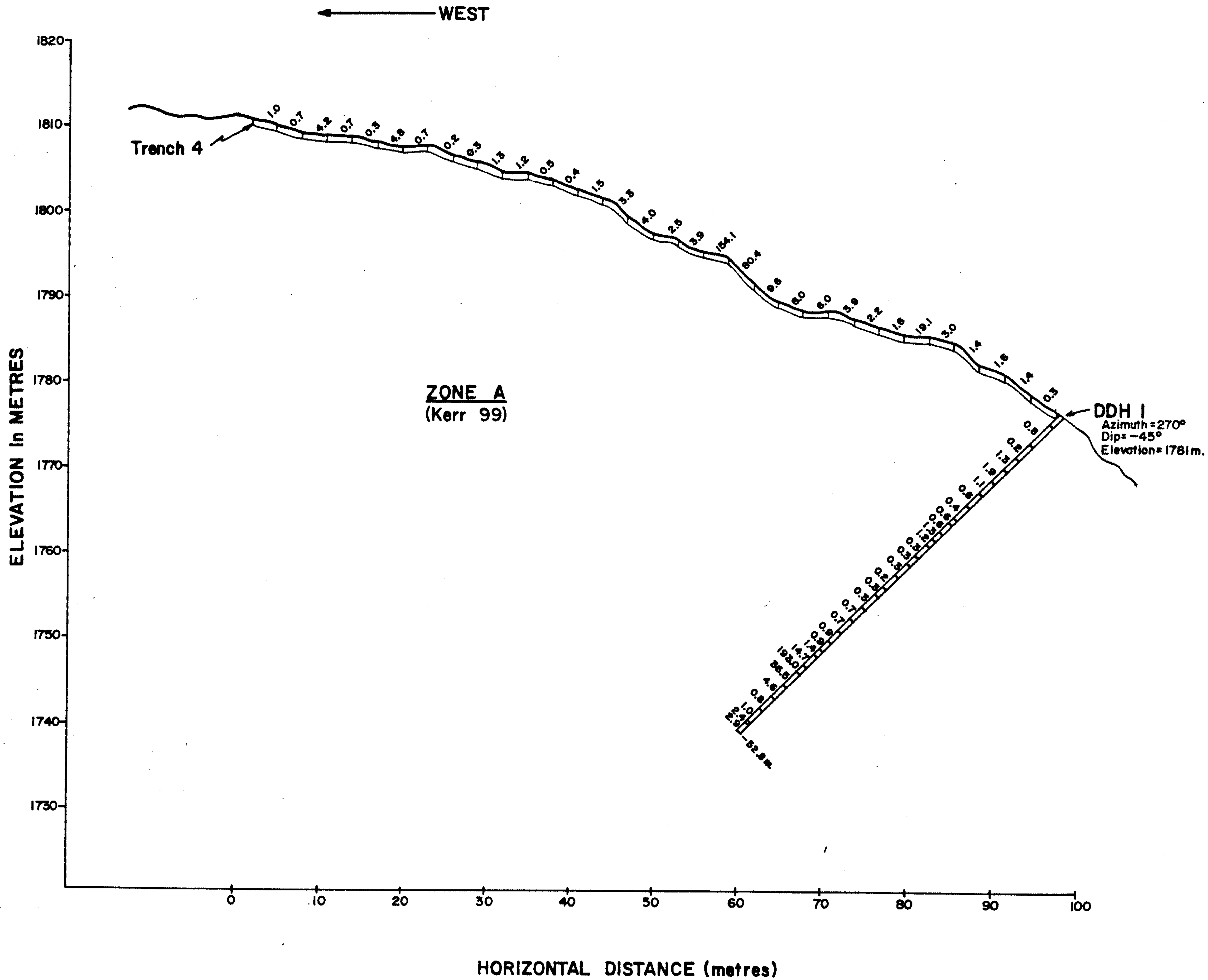
KERR CLAIM GROUP

1985

DDH-1 & TRENCH 4

GOLD GEOCHEMISTRY (ppb)

FIGURE 18	Scale: 1:500	Date: December, 1985
	N.T.S. 104B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm



Scale Bar
0 5 10 15 20 25 30 metres

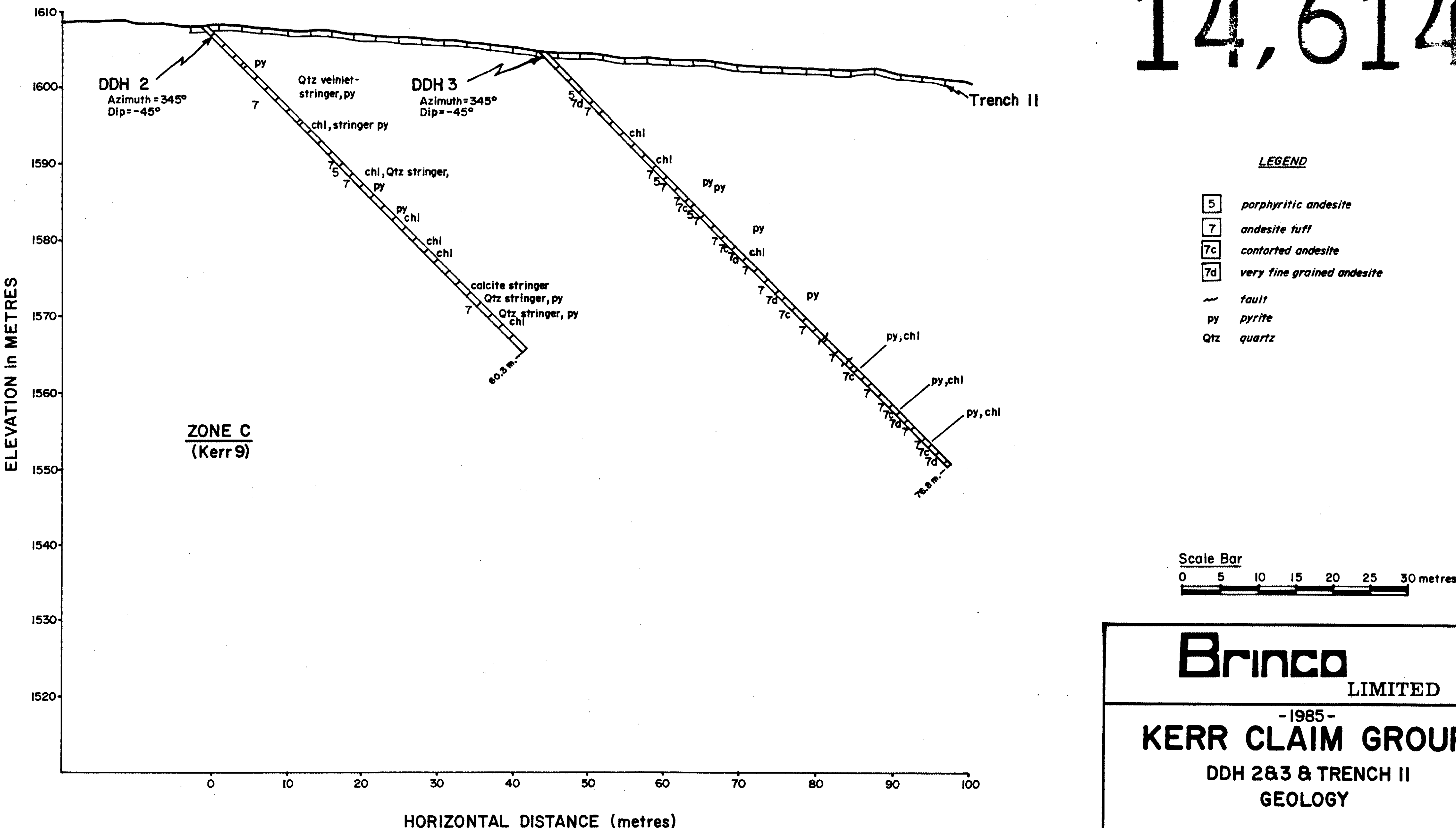
Brinco LIMITED

KERR CLAIM GROUP
1985
DDH-1 & TRENCH 4
SILVER GEOCHEMISTRY(ppm)

FIGURE 19	Scale: 1:500	Date: December, 1985
	N.T.S. 104B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614



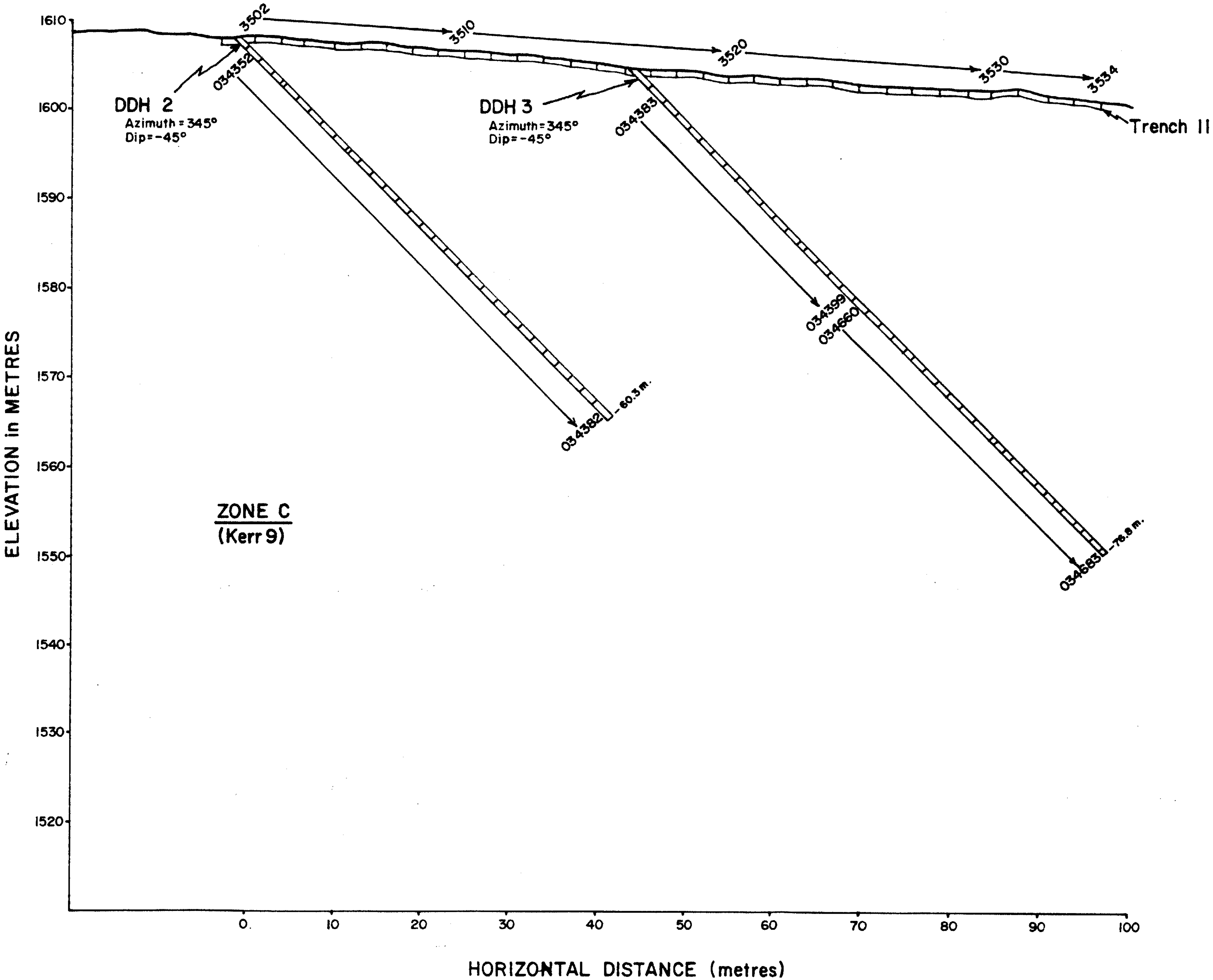
Brinco LIMITED

-1985-

KERR CLAIM GROUP

DDH 2&3 & TRENCH II
GEOLOGY

FIGURE 20	Scale: 1:500	Date: December, 1985
	N.T.S. 104 B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

Scale Bar
0 5 10 15 20 25 30 metres

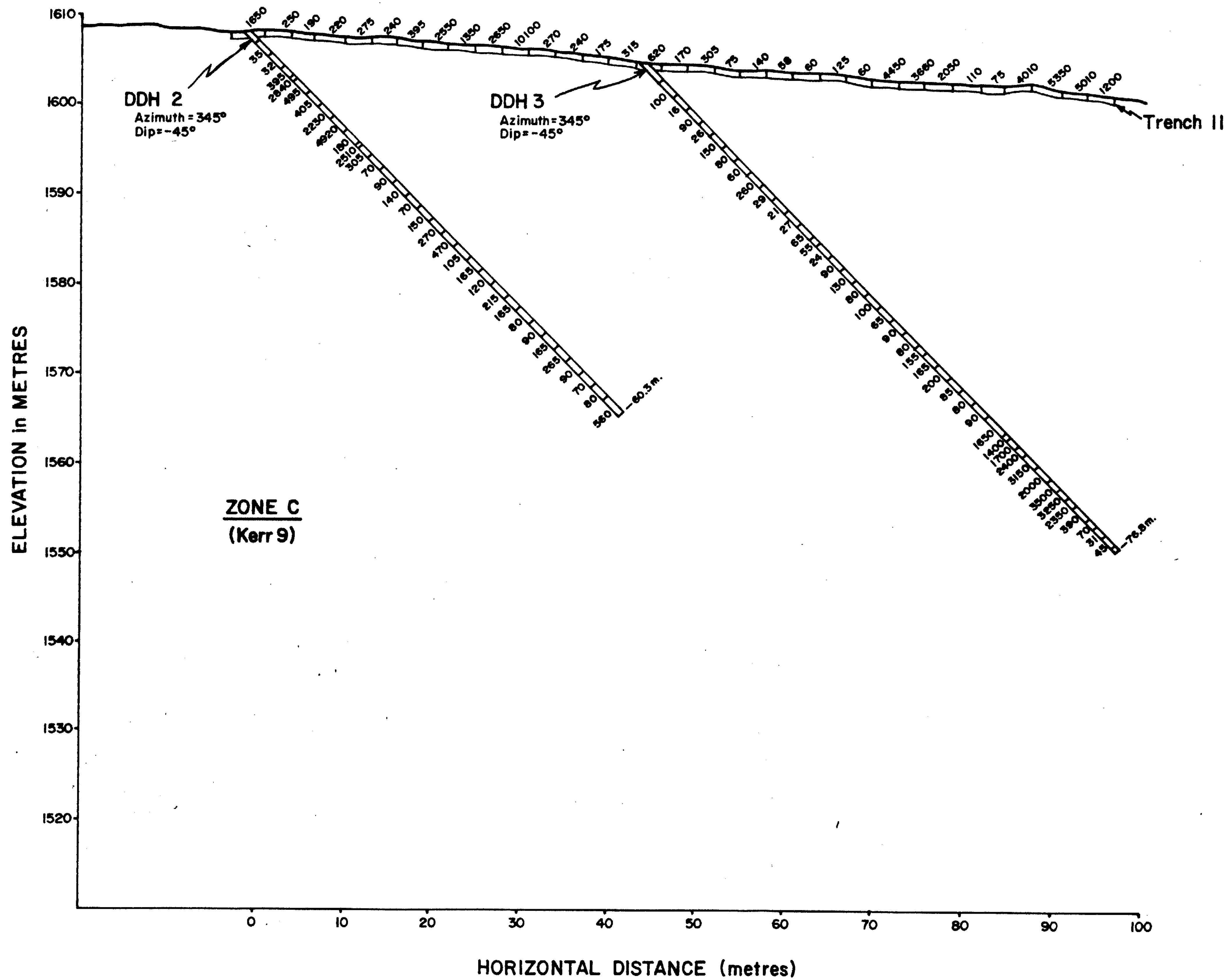
Brinco LIMITED

-1985-

KERR CLAIM GROUP

DDH 2&3 & TRENCH II
SAMPLE LOCATIONS

FIGURE 21	Scale: 1:500	Date: December, 1985
	N.T.S. 104 B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm



Scale Bar

0 5 10 15 20 25 30 metres

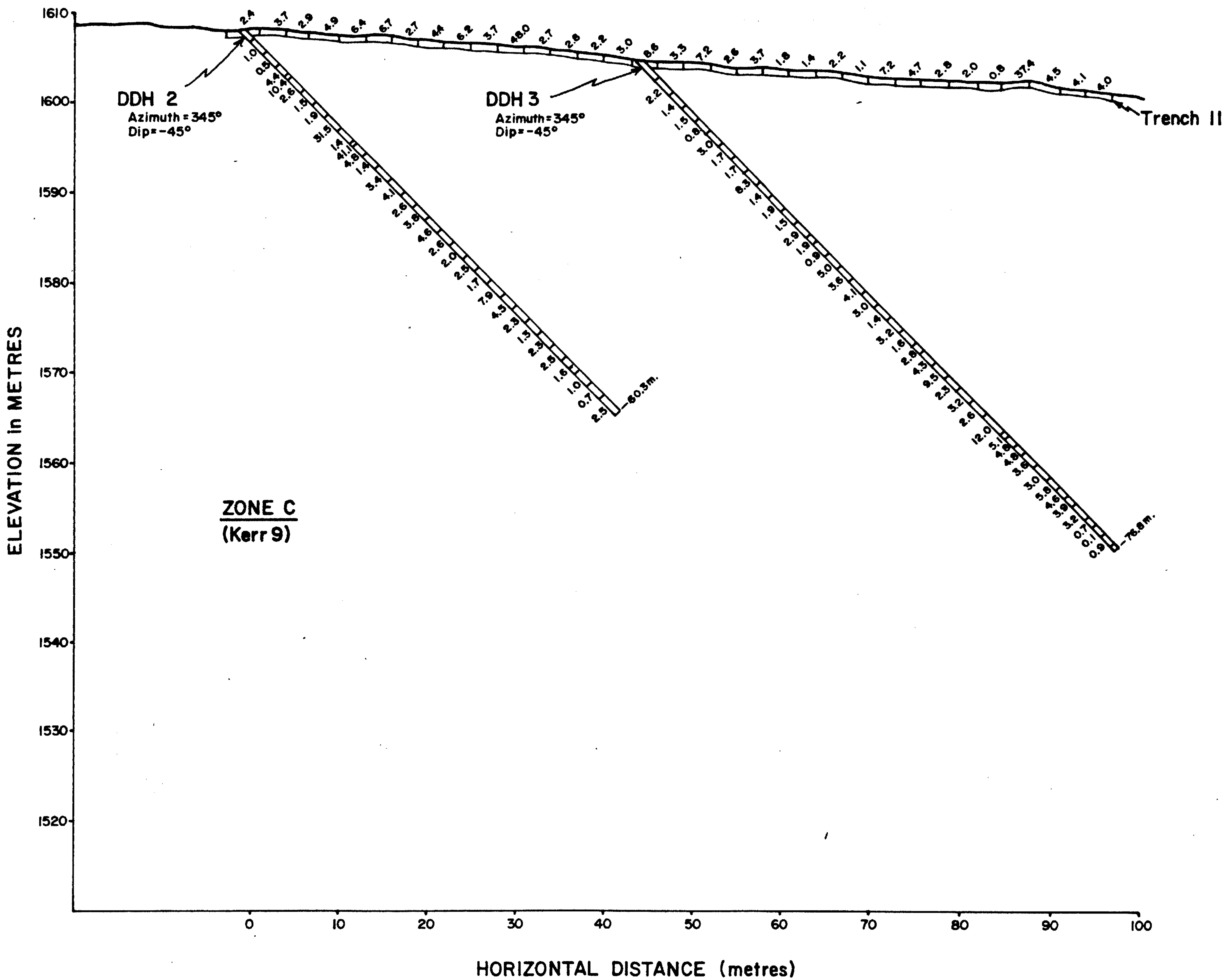
Brinco LIMITED

-1985-

KERR CLAIM GROUP

DDH 2&3 & TRENCH 11
GOLD GEOCHEMISTRY (ppb)

FIGURE 22	Scale: 1:500	Date: December, 1985
	N.T.S. 104 B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm



Scale Bar

0 5 10 15 20 25 30 metres

Brinco LIMITED

-1985-

KERR CLAIM GROUP

DDH 2&3 & TRENCH II
SILVER GEOCHEMISTRY (ppm)

FIGURE 23	Scale: 1:500	Date: December, 1985
	N.T.S. 104 B/8	Compiled by: K. Akhurst
	Report No. 847	Drafted by: H. Holm

3.3 Discussion

Soil/talus sampling and gold/silver analysis has effectively delineated gold anomalous zones on the property the dimensions of which can be further demarcated by increased density sampling.

Trenching has provided data confirming the in-situ nature of the anomalies. Drill testing of surface anomalies intersected gold mineralization at depth in sub-economic but highly encouraging quantities.

4.0 PETROLOGY

Petrographic descriptions by Vancouver Petrographics describe the presence of key parameters indicative of a gold mineralization event on the Kerr property claims. Intense sericite with subordinate silica, chlorite and carbonate hydrothermal alteration products within foliated and sheared brecciated andesitic tuffs accompanied by pyrite, weak base metal sulphide and free gold mineralization reflect the presence of an epithermal hydrothermal system which has a potential for high grade components and a stratigraphically deeper porphyry gold proto ore.

Detailed descriptions can be found in Appendix 4. A total of nine rock samples and six drillcore samples were submitted for description.

5.0 STRUCTURAL ELEMENTS

Gold targets on the claims appear to be restricted to the main tectonically disturbed belt preferentially concentrated along the margins. Schistosity may have developed within the areas subjected to mineral altering fluids which in turn may have been localized along more regional structures. Regionally faults strike north-south and dip to the west and Kirkham (1963) interprets regional folding as consisting of open structures which are complicated by intrusives and metasomatized zones. No significant fault dislocations within the Kerr gold target zone have been recorded.

6.0 DISCUSSION AND CONCLUSIONS

Geological and geochemical evaluation of the Kerr gold prospect indicates that good precious metal targets exist within the tectonically disturbed belt of andesitic tuffs. Rock, talus and soil gold geochemistry has proved effective in defining prospective auriferous zones; subsequent trenching resulted in refined drill target delineation and drilling successfully intersected gold mineralization in sub-economic yet highly encouraging concentrations.

A number of yet untested anomalous zones require detailed surface sampling followed by subsurface probes in order to adequately evaluate their economic gold potential.

7.0 EXPLORATION STRATEGIES AND RECOMMENDATIONS

Additional drill targets will emerge as increased density surface sampling and subsequent trenching within the D, E and F zones progresses. Detailed mapping (1:250 or 1:500 scale) of anomalous areas will achieve better control for optimum drillhole azimuth and declination.

Further mapping is required in the region around the D zone to define the tectonic zones contacts, locate reported semi-massive pyrite zones and to demarcate the limits of the talus gold geochemical anomaly.

Radiometric (gamma ray spectometer) surveys may prove useful in defining potassic (utilizing K-40 isotopes) alteration zones and magnetometer and/ or VLF-EM surveys may aid in sorting out geological problems. Induced polarization surveys would detect zones of enhanced pyritization. These geophysical surveys should initially be conducted as pilot studies and if test surveys suggest practical applicability then detailed surveys could be conducted.

Orientation and relative positioning of samples and targets would be simplified if a proper coordinate grid was established.

Packsack and/or Winkie drilling of talus and soil gold/silver anomalies may prove more cost effective than hand trenching.

8.0 ACKNOWLEDGEMENTS

Field work in 1985 was conducted primarily by B. Whiting and K. Akhurst under the supervision of D.B. Petersen and R.S. Hewton (Exploration Manager). Data discussed in this report was elucidated from their field plans, notes and personal communication. The compilation and interpretation of these data is however the sole responsibility of the author.

Acknowledgements are due to B. Clegg for typing the final manuscript and to H. Holm for drafting most of the plans and sections.

9.0 REFERENCES

BOYLE, R.W. (1979) The Geochemistry of Gold and its Deposits G.S.C. Bulletin 280

GRAF, C. (1984) Geological Assessment Report - Kerr 7, 8, 9, 10, 12, 15, 41, 99 - Sulphurets Creek Property

GROVE, E.W. (1973) Detailed Geological Studies in the Stewart Complex, Northwestern British Columbia Ph.D. Thesis, McGill University

KIRKHAM, R.V. (1963) The Geology and Mineral Deposits in the Vicinity of the Mitchell and Sulphurets Glaciers (unpub.) M.Sc. Thesis, U.B.C.

NORTHERN MINER PRESS July 4, 1985

WHITING, B. (1985) Weekly Exploration Reports (unpub. Brinco Documents)

APPENDIX 1

Cost Statement

APPENDIX 1

Cost Statement

Kerr Project - Kerr 99 plus Kerr Group #1866 - Expenditure Totals

Project Preparation	$ 8,898.00
Field Costs	
Salaries	$ 35,341.00
Transport and Travel	37,862.00
Assaying	15,305.00
Diamond Drilling	14,558.00
Food and Accommodation	4,249.00
Supplies	7,459.00
Mob. and Demob.	5,000.00
Miscellaneous	369.00
Reporting	
Salaries	$ 9,133.00
Drafting	840.00
Typing	216.00
Printing	310.00
Total	$139,540.00
Overhead @ 10%	13,954.00
GRAND TOTAL	$153,494.00

Project Preparation

B. Whiting	June 3 - 7 10 - 14 17 - 21 24 - 28 July 2 - 5 8 - 12 15 - 16	31 days @ $160/day	$ 4,960.00
K. Akhurst	June 17 - 21 24 - 28 July 2 - 5 8 - 12 15 - 16	21 days @ $118/day	$ 2,478.00
F. Thrane	June 28 July 2 - 5 8 - 12 15 - 16	12 days @ $110/day	$ 1,320.00
M. Peter	July 15 - 16	2 days @ $ 70/day	$ 140.00
		Sub-Total	$ 8,898.00

Field Costs

B. Whiting, Geologist	July 17 - 31 Aug. 1 - 31 Sept. 1	46 days @ $160/day	$ 7,360.00
K. Akhurst, Geologist	July 17 - 31 Aug. 1 - 31 Sept. 1 - 27	72 days @ $118/day	$ 8,496.00
F. Thrane, Sampler	July 17 - 31 Aug. 1 - 31 Sept. 1 - 14	59 days @ $110/day	$ 6,490.00
M. Peter, Sampler	July 17 - 31 Aug. 1 - 31 Sept. 1 - 11	56 days @ $ 70/day	$ 3,920.00
G. Graham, Sampler	Sept. 20, Sept. 22 - 29	9 days @ $ 95/day	$ 855.00
E. Alionis, Sampler	Sept. 20 - 29	10 days @ $125/day	$ 1,250.00

Field Costs (cont'd)

C. Graf, Geologist	Sept. 19, 20	2 days @ $250/day	$ 500.00
J.R. Woodcock, Consultant	July 27 Aug. 29	2 days @ $400/day	$ 800.00
D.B. Petersen, Supervision	Aug. 7,12,29 Sept. 18 - 26	12 days @ $210/day	$ 2,520.00
R.S. Hewton, Exploration Manager		14 days @ $225/day	$ 3,150.00
		Sub-Total	$ 35,341.00

Meals and Accommodation	196 man-day @ $21.68	$ 4,249.00
Supplies		$ 7,459.00
Assaying		$ 15,305.00
Diamond Drilling	189.9 m @ $76.66/m	$ 14,558.00
Travel and Transport	52.1 hours helicopter) $11,642 plane + travel)	$ 37,862.00
Miscellaneous		$ 369.00
Mob. and Demob.		$ 5,000.00
	Sub-Total	$ 84,802.00
Reporting B. Whiting K. Akhurst W.R. Epp	13.3 days @ $160/day 30 days @ $118/day 21 days @ $165/day	$ 9,133.00
Drafting H. Holm	6 days @ $140/day	$ 840.00
Typing	18 hours @ $12/hr.	$ 216.00
Printing		$ 310.00
	Sub-Total	$ 10,499.00

Total	$139,540.00
10% Interdepartment Overhead	$ 13,954.00
GRAND TOTAL	$153,494.00

From within this GRAND TOTAL, $12,747.05 was expended on the Kerr 99 claim and the rest on the Kerr Group #1866.

APPENDIX 2

Drill Logs

PROJECT KERR PROJECT

D. D. HOLE No. KE85-01

ABBREVIATIONS

int = intense
min = minor
mod = moderate
C.A. = core axis
clct = calcite
H = hardness
dia = diameter
@ = at
f.g. = fine grained
C.G. = coarse grained
Fe = iron
Mn = Manganese

LOCATION KERR 99
ZONE A

HOLE STARTED Sept. 23, 1985

HOLE COMPLETED Sept. 25, 1985

CORE RECOVERY ________ %

DRILLED BY Martinson Linecutting and Staking
Logged by: K. Akhurst

SURVEY		
Depth	Dip	Azimuth

COLLAR. LAT. ________

DEP. ________

ELEV. 1781m

AZIMUTH 270°

DIP. 45°

LENGTH 52.8m

HOR. PROJ. ________ VERT. PROJ. ________

METERAGE FROM	METERAGE TO	DESCRIPTION	METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING m	Ag ppm	Au ppb			
0.0	1.5	Overburden	- 3.3	034684	1.5	4.8	3.3	0.8	230			
1.5	7.0	Weathered andesite tuff: rock int. fractured, spacing 1 per 5cm runs 45° or 70° - 80° to C.A., unmineralized, broken up to blocky 2cm sized pieces,mod. Mn and Fe staining on surface and fractures, fresh surfaceis andesite tuff with min. porphyritic texture, phenocrysts are hornsblende, H4 @ 2.0m, H7 @ 5.5m, pyrite trace to 1%, trace normal 1.6m quartz stringer 2mm thick, pyrite C.G. blebs, 80% 3.0 - 3.5m int. weathered - broken rock 4.8, 5.5, 6.1m min. clct on fracture surfaces	- 4.8	034685	4.8	7.0	2.2	0.2	85			
			- 7.5	034686	7.0	9.0	2.0	1.3	730			
7.0	41.7	Andesite Tuff - light grey, F.G., H5, min. calcareous, min chlorite, siliceous, int. sheared, shears 20° to C.A., pyritiferous throughout. 7.2 - 7.7m int. weathered rock, Fe and Mn staining, kaolinised at 7.4m on fracture surface, mod. chloritization throughout 7.0 - 7.5m sinuous quartz vein, vuggy, pyrite 1% 7.5 rock weakly brecciated 7.7 - 8.5 chloritized, mod Fe staining throughout, rock H5 8.0 2cm vuggy quartz	- 9.0	034687	9.0	11.0	2.0	1.9	885			
			-12.3	034688	11.0	13.0	2.0	1.1	175			
			-13.8	034689	13.0	15.0	2.0	0.8	105			

HOLE NO. KE85-001

PROPERTY KERR PROJECT

SHEET NO. Page 2 of 4

METERAGE FROM	METERAGE TO	DESCRIPTION	
7.0	41.7	8.3 -	1cm vuggy quartz, int. Fe staining
		8.3 - 8.4	fractures 1 per cm, pyrite 1%, F.G., disseminated
		8.4 - 8.5	1mm stringer of pyrite, background 2 - 5%
		8.5 -15.5	fracture spacing 5cm (average), rock pyrite rich occ pyrite up to 50% in 1cm bands or occ. blebs, background 5 - 8%, occurs as C.G. cubes 0.5mm to 1.0mm, disseminated
		8.8	vuggy, 4mm quartz veinlet, Fe stained, 45° to C.A., most veinlets 70 - 80° to C.A., quartz crystals 2mm long filling vein (late stage?)
		9.0 -11.0	minor limonite
		10.1 -10.2	intense fracture pattern, cemented by quartz
		10.2	rock becomes siliceous, veinlet spacing 1 per metre
		10.2 -10.6	rock broken up
		14.1	slickensides
		14.2	black staining on pyrite, may also be tiny flecks of magnetite, if so, too small to deflect a magnet, petrographic sample KE85-1-14.3 taken, assayed for Zn%
		14.5	slickensides 1mm thick
		15.6 -17.7	pyrite rich zone,pyrite 60 -80% in 1cm bands, 5cm spacing, overall content 10% versus 5 - 8%
		16.0 -21.8	min porphyritic texture,pyrite 5%, disseminated, Fe stains on all fractures surfaces, occ. minor chloritization throughout, fractures 1 per 15cm.
		16.0 -16.2	rock broken up, fractures throughout, no alteration
		17.4 -17.7	rock broken up, as before
		17.7 -18.0	rock broken up, as before
		18.2 -18.6	C.G. andesite porphyry, phenocrysts are hornblende, 1mm long siliceous, pyrite 2% (dyke?) contact is graditional

METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING m	Ag ppm	Au ppb
- 15.3	034690	15.0	17.0	2.0	0.4	105
	34691	17.0	17.7	0.7	0.6	205
	34692	17.7	19.4	1.7	0.6	330
	34693	19.4	20.6	1.2	1.3	460
	34694	20.6	21.6	1.0	1.2	170
	34695	21.6	23.3	1.7	0.3	27
	34696	23.3	24.6	1.3	0.3	34
	34697	24.6	26.6	2.0	0.3	75
	34698	26.6	28.6	2.0	0.2	40
	34699	28.6	29.8	1.2	0.3	140
	34700	29.8	32.0	1.2	0.3	55
	34914	32.0	34.0	2.0	0.7	60
	34915	34.0	36.0	2.0	0.7	30
	34916	36.0	37.8	1.8	0.9	125
	34917	37.8	39.0	1.2	0.9	85
	34918	39.0	40.0	1.0	1.4	105
	34919	40.0	41.7	1.7	14.7	650
	34920	41.7	42.9	1.2	193.0	3900
	34921	42.9	45.0	2.1	36.5	480

PROPERTY Kerr

HOLE NO. 1

SHEET NO. 3.14

FROM	TO	DESCRIPTION	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO		Ag ppm	Au ppb		
		18.4 - 18.7 mod Mn staining, fractures 20° - 30° to C.A., occ 80°, quartz veinlets @ 45° to C.A., Rock siliceous throughout.	34922	45.0	47.0	2.0	4.6	185		
		19.1 - 20.6 pyrite rich zone, same as before	34923	47.0	49.0	2.0	0.8	170		
		20.6 - 21.6 rock siliceous, phenocrysts of silica (ex-solution?) 1 - 2mm in dia.	34924	49.0	51.0	2.0	1.0	400		
		20.7 malachite on fracture surface	34925	51.0	51.4	0.4	2.4	70		
		21.8 - 28.6 andesitic tuff, rock siliceous, pyrite 5 - 8% clct on fracture surfaces (80%)	34926	51.4	52.8	1.4	2.9	250		
		22.0 - 23.5 rock broken up, evidence of fracturing throughout								
		26.6 - 22.8 min, Mn staining								
		23.2 - 23.9 Quartz Stringer Zone - andesite is light grey, siliceous, 0.5mm stringers, 1 per cm, rest of rock 1 per 10cm, H6, occ veinlets of clct, 1mm thick, 1 per 20cm, occ both in stringer zone and outside it. Outside of stringer zone andesite is slightly darker grey.								
		24.2 - 24.6 Quartz Stringer Zone - as above								
		26.4 - 26.85 rock broken up, as before, core recovery 50%								
		27.5 - 27.7m Min. Mn staining before								
		27.0 - 28.40 rock broken up, as before, core recovery 40%								
		28.0 - 35.7 background pyrite 5 -8% throughout, C.G., disseminated or veinlets, Mn and Fe stains on all fracture surfaces. H5, veinlets run 60° - to C.A., veinlets 1 per 10cm								
		28.0 - 29.9 Quartz Stringer Zone - as above, siliceous contacts indistinct.								
		28.7 - 29.7 rock broken up								
		30.05m quartz veinlet, 1cm thick, light green alteration maybe a calc-silicate, petrographic sample KE-85-1-30.05 taken								
		31.9 - 32.5 rock broken up								
		32.5 - 32.7 Contorted zone, pyrite 30 - 40%, C.G. and in blebs, veinlets 45° to C.A., occ 70 - 80°								
		33.0 - 33.2 Rock broken up								
		35.6 Pyrite F.G., disseminated								
		34.7 3mm quartz vein, pyrite 10%								
		35.0 - 41.7 Veinlets 60 - 80% throughout, fractures usually 1 per 20cm, clct								

PROPERTY Ken HOLE NO. 1 SHEET NO. 4 of 4

METERAGE FROM	METERAGE TO	DESCRIPTION		Footage METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	m
		36.5 - 36.8m	fractures 1 per 5cm					
		37.8 - 38.2	pyrite rich zone, 20%					
		38.0 - 40.6	stringer zone, petrographic sample KE85-1-38.0 taken					
		38.0 - 39.0	rock becomer dark grey, looks carbonaceous					
		38.0 - 38.2	clct stringers 1/5cm					
		39.0 - 40.6	rock mixed dark grey and light grey					
		39.3 - 39.6	quartz veinlets 1 per 5cm					
		40.2 - 40.6	quartz veinlets 1 per 5cm, occ clct stringer					
41.7	42.85	41.7 - 42.85	Breccia Zone - calcareous, pyritized, C.G. cubes and blebs, average 30%, chloritized throughout, clct shards are 1cm to 5cm long, 1cm, common, veinlets both clct (70%) and quartz (30%). Contact indistinct but appears at 20° to C.A., veinlets are 45° - 50° to C.A., broken up throughout, appears to contain flecks of hornblende					
42.85	52.8	42.7	offset of calcite shard 3mm					
		43.0 - 50.0	rock has prophyritic texture throughout, fresh surface looks massive, could be minor variations in alteration of rock type. Lightly chloritized throughout, calcareous, H5, pyrite 1% to trace. Throughout veinlets 50° - 80° to C.A., 70 - 80° common, fractures 1 per 80cm, run 45 - 50° to C.A., clct on fracture surfaces					
		43.0 - 43.5	rock fractured, clct veinlets throughout, no quartz veinlets seen					
		44.3 - 44.8	rock fractured, as before					
		46.9 - 47.2	rock fractured, as before					
		48.6 - 50.0	mod. chloritized, min calcareous					
		50.0 - 52.8	veinlets 60° - 70° to C.A. throughout					
		50.0 - 51.4	porphyritic texture, as before, pyrite 3%					
		52.1 - 52.6	stockwork type veining					
		51.4 - 52.8	carbonaceous, as before, clct veinlets unmineralized, pyrite 3 - 5%, clct on fracture surfaces					

PROJECT KERR PROJECT

D. D. HOLE No. KE85-002

ABBREVIATIONS
occ = occasionally
C.A. = core axis
VFG = very fine grained
CG = coarse grained
CCLCT = clacite
@ = at
Fe = iron
Mn = manganese
int = intense
mod = moderate
min = minor

LOCATION KERR 9 CLAIM
ZONE C

HOLE STARTED 17 September 1985

HOLE COMPLETED 19 September 1985

CORE RECOVERY 95 %

DRILLED BY Martinson Linecutting and Staking

Logged By: K. Akhurst

SURVEY		
Depth	Dip	Azimuth

COLLAR. LAT. 421865
DEP. 6259036
ELEV. 1608m
AZIMUTH 345°
DIP. 45°
LENGTH 60.3m
HOR. PROJ. 42.6m VERT. PROJ. 42.6m

METERAGE FROM	METERAGE TO	DESCRIPTION	METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING m	Ag ppm	Au ppb
0.0	2.0	Overburden							
2.0	4.0	Weathered Andesite Tuff - rock broken into 2cm size pieces, int. Limonite - geothite staining Mn staining on fracture surfaces, has dendritic texture (pyrolusite) when penetrating andesite, 1 - 4m long, 1mm normal size, quartz veinlets 1mm thick are vuggy, can be up to 50% of veinlet.	- 3.6	034352	2.0	4.0	2.0	1.0	35
4.0	60.3	Andesite Tuff - Light grey, massive, H5, calcareous, Mn staining on fracture surfaces, fractures every 20cm @ 20° - 32° to C.A. No mineralization on fractures, veinlets of two main types: (1) early quartz or occ. clct. @ 30°, pyrite to 60%	- 5.7	034353	4.0	6.0	2.0	0.5	32
		(2) later quartz veining, pyrite to 10%, usually 1 - 2mm thick @ 70° - 80° to C.A.	- 6.6	034354	6.0	7.5	1.5	4.4	395
		Pyrite is disseminated throughout andesite, 2 - 5% of rock 5 - 8% where chloritized occurs as small cubes and flecks. Besides veinlets occurs as blebs in siliceous areas, massive pyrite		034355	7.5	8.0	0.5	10.4	2840
		coarse grained, bluish tinge in pyrite where quartz vein prevalent, may be caused by flourite or molybdenum. Pyrite also as wisps, usually 1mm thick and running parallel to C.A., occurs as C.G. blebs, linear, 40 - 60% of veinlet.	- 9.6	034356	8.0	10.0	2.0	2.6	495
		5.7m clct veinlet, pyrite 35% 8.3 - 8.55m quartz-pyrite veinlet, pyrite 20% 8.9 - 9.4 m wispy pyrite, 40 - 60%, veinlets 1mm thick	-10.8	034357	10.0	12.0	2.0	1.5	405
		11.0 - 11.2 m wispy pyrite, as before	-11.7						

PROPERTY KERR PROJECT

HOLE NO. KE85-002

SHEET NO.

METERAGE FROM	METERAGE TO	DESCRIPTION		METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING m	Ag ppm	Au ppb			
		12.8 - 13.0 m	quartz vein, pyrite 60%		034358	12.0	14.0	2.0	1.9	2230			
		13.8 - 13.9 m	wispy pyrite, as before										
		14.2 - 14.2 m	quartz - massive pyrite vein, pyrite 70% siliceous										
		14.4m	epidote, 2mm band	-14.7	034359	14.0	16.0	2.0	31.5	4920			
		14.45 - 14.6	quartz - massive pyrite vein, as before										
		14.7 - 15.8	siliceous pyrite, 60%										
		14.7 - 21.3	carbonate in rock drops off, no carbonate detected at 21.3m.	-16.5	034360	16.0	18.0	2.0	11.4	180			
		14.8 - 14.9	quartz - massive pyrite vein, as before										
		14.9	2cm band of pyrite, 80%										
		15.0 - 41.7	occ. flecks of mariposite	-18.3	034361	18.0	18.5	0.5	41.1	2510			
		16.5 - 16.6	min chloritization										
		16.5 - 35.4	rock fractured 1 per 30cm, no mineral-										
			ization on fracture surfaces. Quartz		034362	18.5	20.0	1.5	4.8	305			
			veins 20^{o} - 45^{o}, before 20^{o} by 30.5m.										
			Pyrite in veins is 40 - 80%, 60% is normal.	-21.3	034363	20.0	22.0	2.0	1.4	70			
		17.4 - 17.6	Int. limonite - geothite staining.										
		17.8 - 18.4	Siliceous pyrite, 65 - 70%, 45^{o} angle to core										
		18.2 - 18.4	wisps of Pyrite, bluish tinge from molyb-denum	-23.7	034364	22.0	24.0	2.0	3.4	90			
		18.4 - 18.6	blebs of calcite										
		19.0 - 20.4	min. chloritization										
		20.9	clct veinlet parallel to core, 3mm thick, trace pyrite at edge only	-25.8	034365	24.0	26.0	2.0	4.1	140			
		21.3 - 31.65	rock mod-int. fractured, int Mn and Fe staining 1cm on either side, 1% pyrite										
			on edge	-26.4	034366	26.0	28.0	2.0	2.6	70			
		23.3	wisps of pyrite, as before										
		23.7 - 23.9	wisps of pyrite, as before										
		25.0 - 26.2	fracture parrallel to core, quartz veinlet										
			along side, 2mm thick, 15% pyrite, petro-graphic sample KE85-2-25.0 taken.	-27.6									

HOLE NO. KE85-022

PROPERTY KERR PROJECT

SHEET NO. Page 3 of 4

METERAGE FROM	METERAGE TO	DESCRIPTION		METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING m	Ag ppm	Au ppb
		26.1 - 26.4m	coarse grained quartz vein, 1.5cm wide,	-29.4	034367	28.0	30.0	2.0	3.8	150
			fracture beside vein vugs 40% of rock,							
			wisps of quartz on either side.		034368	30.0	32.0	2.0	4.6	270
		26.2 - 26.6	Porphyrite texture in andesite, min							
			chloritization 6mm of coarse pyrite cubes,	-32.4	034369	32.0	34.0	2.0	2.6	470
			wisps of pyrite as well, take up 5% of							
			rock							
		27.6 - 33.5	min. chloritization	-34.5	034370	34.0	36.0	2.0	2.0	105
		29.0 - 33.6	rock has no fractures							
		29.6 - 29.9	1cm vein along length of core, 20% pyrite							
		30.5	quartz veinlets 20° to C.A.							
		33.18 - 33.24	quartz stringers, make up 15% of rock	-35.4						
			pyrite 60%, C.G.							
		33.6 - 33.7	siliceous andesite - pyrite, pyrite 40%							
		33.6 - 35.4	rock fractured, 1 per metre							
		35.2	cross cutting veinlets, both identical,	-36.9	034371	36.0	38.0	2.0	2.5	165
			no offset, veinlets 25° and 75° to C.A.							
		36.3 - 36.5	rock min. chloritized, mariposite 1% of	-37.8						
			rock, 20° to C.A. 20% pyrite							
		36.9	andesite V.F.G., H5, pyrite 2-5%, siliceous							
			in spots		034372	38.0	40.0	2.0	1.7	120
		36.9 - 37.1	min. chloritization, mariposite 1% of							
			rock	-40.2	034373	40.0	42.0	2.0	7.9	215
		37.5 - 37.7	rock heavily fractured, 1 per 2cm							
		40.5	mariposite, 1% of rock.	-41.7						
		41.3 - 41.9	min. chloritization							
		42.2	trace mariposite in 2 - 3mm band		034374	42.0	44.0	2.0	4.5	165
		42.5 - 49.7	min. chloritization, patchy andesite							
			becomes C.G.							
		43.3 - 44.75	2cm vein of brecciated material, runs at	-44.4	034375	44.0	46.0	2.0	2.3	80
			10° to C.A., looks porphyritic in places.							
			Xenoliths are light grey, massive andesite,							
			min chloritizatin, occ. flecks of mariposite,							
			pyrite disseminatedand in blebs,	-46.2	034376	46.0	48.0	2.0	1.3	90
			makes up 20% of rock, quartz veinlets 1-2mm							
			thick, 20° -30° to C.A., veinlets in area							
			are 3-4 per metre.							

METERAGE FROM	METERAGE TO	DESCRIPTION		METRE BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO		Ag ppm	Au ppb		
		49.1	Calcite stringers-blebs, 1-2mm thick, no mineralization	-46.8	034377	48.0	50.0	2.0	2.3	165		
		51.3	Sinuous quartz vein, 1 - 2mm thick, pyrite 50%									
		53.0 - 55.3	Min. chloritization									
		54.0 - 54.3	rock fractured	-51.3	034378	50.0	52.0	2.0	2.5	265		
		54.3	calcite stringers - blebs, as before									
		54.3 - 54.6	quartz veinlet, 50° to C.A., vuggy, pyrite 60%		034379	52.0	54.0	2.0	1.6	90		
		54.4	rock fractured									
		55.2	calcite stringers - blebs, as before	-54.3	034380	54.0	56.0	2.0	1.0	70		
		55.3 - 56.4	min. chloritization, patchy									
		56.2	andesite becomes calcareous									
		56.2 - 60.3	andesite is light grey, unchloritized									
		57.0	rock fractured									
		57.6	rock fractured	-57.3	034381	56.0	58.0	2.0	0.7	80		
		58.2	rock fractured									
		59.3 - 60.3	quartz veinlet, as before, 30° to C.A.									
				-60.3	034382	58.0	60.3	2.3	2.5	560		

PROJECT KERR PROJECT

D. D. HOLE No. Ke85-003

LOCATION KERR 9 CLAIM
ZONE C
HOLE STARTED September 19, 1985
HOLE COMPLETED September 22, 1985
CORE RECOVERY 95 %
DRILLED BY Martinson Linecutting and Staking
LOGGED BY : K. Akhurst

SURVEY		
Depth	Dip	Azimuth

COLLAR LAT. 421856
DEP. 6259078
ELEV. 1602M
AZIMUTH 345°
DIP. 45°
LENGTH 76.8 m
HOR. PROJ. 54.30 VERT. PROJ. 54.30

METERAGE FROM	METERAGE TO	DESCRIPTION	METER BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING M	Ag (ppm)	Au (ppb)
0	3.6	Overburden							
3.6	6.0	Weathered Andesite Tuff - Rock broken up throughout, mod. Mn and Fe stains on fractures as well as on weathered surfaces, min. chloritization to 5 m mark, H4, sheared throughout, shearing approx. 20° to C.A. 3.6-6.0 mod. Mn staining 4.9-5.2 min. limonite 5.6 pyrite, 0.5 mm envelope on edge of alteration envelope	3.6	034383	3.6	6.0	2.4	2.2	100
6.0	76.8	Andesite Tuff - light grey, aphanitic, H5, massive, min.	4.2	034384	6.0	8.0	2.0	1.4	16
		calcareous, pyritiferous throughout, C.G., disseminated, int.	5.7	034385	8.0	10.0	2.0	1.5	90
		shearing throughout, shears approx. 20° to C.A., Fe and Mn	6.9	034386	10.0	12.0	2.0	0.8	26
		staining on fractures, usually no mineralization on fracture	7.5	034387	12.0	14.0	2.0	3.0	150
		surfaces, andesite has min. occ. chloritization throughout,	8.4						
		usually occurs as 20-39 cm bands. Quartz occurs throughtout	9.6	034388	14.0	16.0	2.0	1.7	80
		andesite as veinlets, wispy stringers (pyrite 50-60%), occ.	10.5	034389	16.0	18.0	2.0	1.7	60
		pyrite blebs (70-80%), occ. vuggy quartz, veinlets commonly	11.4	034390	18.0	20.0	2.0	8.3	260
		20-30° to C.A., occ. 70-80°, usual thickness 1 mm, bluish	12.6						
		tinge noted in most veinlets/wisps, colour believed due to	15.3	034391	20.0	22.0	2.0	1.4	29
		trace molybdenum, average intensity of veinlets/wisps 1 per	18.0	034392	22.0	24.0	2.0	1.9	21
		10 cm, ranges from 1 per 3 cm at 16.0 m to 1 to 20 cm at	19.5	034393	24.0	26.0	2.0	1.5	27
		32.0-39.0 m	20.7	034394	26.0	28.0	2.0	2.9	65

HOLE NO. Ke85-003

PROPERTY KERR PROJECT

SHEET NO. 2 of 3

METERAGE FROM	METERAGE TO	DESCRIPTION	METER BLOCKS	SAMPLING SPL. NO.	SAMPLING FROM	SAMPLING TO	SAMPLING M	Ag (ppm)	Au (ppb)		
		6.0- 7.5 1/2 cm alteration envelope on fractures	21.6	034395	28.0	29.1	1.1	1.9	55		
		6.0- 9.6 mod. Mn staining	23.1	034396	29.1	31.0	1.9	0.9	24		
		6.0-10.4 fractures 1 per 10 cm	24.6	034397	31.0	33.0	2.0	5.0	60		
		6.5-10.0 min. chloritization	26.1	034398	33.0	35.0	2.0	3.6	130		
		7.5- 8.0 andesite has porphyritic texture, phenocrysts hornblende, 1 mm x 0.5 mm average size, pyrite 2-5%, C.G., disseminated									
		8.4-10.0 andesite becomes v.f.g., slightly more siliceous than surrounding rock, pyrite 2-5%, f.g., disseminated									
		8.6- 8.9 porphyritic andesite, as before	27.6	034399	35.0	37.0	2.0	4.1	80		
		9.6-10.4 porphyritic andesite, as before									
		10.4-16.7 fractures 1 per 40-50 cm, envelope of 1 cm usual									
		13.5-16.6 andesite v.f.g., as before	29.1	034660	37.0	39.0	2.0	3.0	100		
		16.7-25.0 fractures 1 per meter									
		16.9-17.2 min. chloritization	30.6	034661	39.0	41.0	2.0	1.4	65		
		18.0-19.5 core recovery 50%									
		19.4 petrographic sample Ke85-3-19.4	32.1								
		21.3-21.6 int. fracturing, int. Mn and Fe staining	34.6	034662	41.0	43.0	2.0	3.2	90		
		21.7-23.4 min. chloritization									
		22.0-23.0 core recovery 60%	35.1	034663	43.0	45.0	2.0	1.6	80		
		23.1-23.3 porphyritic texture, phenocrysts silica, pyrite 20-30%, flecks mariposite throughout, siliceous	36.6	034664	45.0	46.2	1.2	2.8	155		
		25.3-25.5 min. chloritization									
		28.0-29.0 contorted andesite characterized by high silica,	38.1	034665	46.2	48.2	2.0	4.3	165		
		pyrite 50% in 1 to 5 cm bands, 1 cm most common, average pyrite throughout zone 30%, occurring as	39.6	034666	48.2	50.2	2.0	9.5	200		
		wispy veinlets and as disseminated cubes (0.3 to 1 mm)	41.1								
		28.3 occ. chloritized, occ. mariposite flecks, graded contact, late stage quartz veinlets 20-30° to C.A., petrographic sample Ke85-3-28.3	42.6	034667	50.2	52.0	1.8	2.3	85		
		32.1-46.3 fractures 1 per meter (average)									
		35.1-35.8 fractures 1 per 7 cm									
		36.1-36.3 contorted andesite, as before	44.1	034668	52.0	54.0	2.0	3.2	80		
		37.4-37.6 fractures 1 per 7 cm	45.6	034669	54.0	56.0	2.0	2.6	90		
		37.9-38.1 min. chloritization									
		38.0-39.4 andesite v.f.g., as before	47.1	034670	56.0	58.8	2.8				

PROPERTY KERR PROJECT

HOLE NO. Ke85-003

SHEET NO. 3 of 3

METERAGE FROM	METERAGE TO	DESCRIPTION	
		45.0-45.4	andesite v.f.g., as before, softer than surrounding rock, min. chloritization
		46.1-46.3	fracture parallel to core, int. Mn staining
		52.0	fracture
		46.2-50.2	contorted andesite, as before, pyrite 25-30%
		52.4	fracture in rock
		53.7	4 cm ferricrete, faulted area
		56.8-62.0	contorted zone, as before, pyrite 40-50%, 80% in spots
		59.8	petrographic sample Ke85-3-59.8
		57.9	4 cm ferricrete, faulted area
		60.2-60.4	rock broken up
		61.9-62.6	rock broken up
		64.5	rock fractured and broken up
		65.3-65.5	clct veinlet, 0.5 mm envelope of pyrite, sinuous
		65.9-66.0	rock broken up
		66.3-67.5	contorted andesite, as before
		66.6-68.1	andesite v.f.g., as before
		72.0-73.2	andesite v.f.g., as before
		72.1-72.5	contorted andesite, as before
		72.65-73.1	contorted andesite, as before, 0.5 cm band of quartz - clct. at 72.85 m
		73.7-74.6	andesite v.f.g., as before
		73.8-76.8	rock has no fractures
		74.6-75.1	andesite has porphyritic texture, phenocrysts hornblende
		75.1-76.1	andesite has min. porphyritic texture, phenocrysts hornblende
		76.0	1 cm offset of quartz veinlet, 80° to C.A.
		76.1-76.8	andesite v.f.g., as before

METER BLOCKS
48.8
50.7
52.2
53.7
55.2
56.4
57.9
60.3
62.1
64.5
66.0
68.1
69.9
71.1
72.3
73.8
75.3
76.8

SAMPLING SPL. NO.	FROM	TO	M	Ag (ppm)	Au (ppb)
034671	58.8	59.4	0.6	5.1	1400
034672	59.4	60.8	1.4	4.8	1700
034673	60.8	62.0	1.2	4.8	2400
034674	62.0	64.0	2.0	3.6	3150
034675	64.0	66.0	2.0	3.0	2000
034676	66.0	67.5	1.5	5.8	3500
034677	67.5	68.6	1.1	4.6	3250
034678	68.6	70.0	1.4	3.9	2350
034679	70.0	72.1	2.1	3.2	390
034680	72.1	73.1	1.0	0.7	70
034681	73.1	74.6	1.3	0.1	31
034682	74.6	76.1	1.5	0.9	45
034683	76.1	76.8	0.7		

APPENDIX 3

Geochemical Results

ANALYTICAL LABORATORIES LTD. DATE RECEIVED: SEPT 27 1985
.. E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Oct 1/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye ...DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2561 PAGE 1

SAMPLE#	Ag PPM	Au* PPB
KE-85-034374	4.5	165
KE-85-034375	2.3	80
KE-85-034376	1.3	90
KE-85-034377	2.3	165
KE-85-034378	2.5	265
KE-85-034379	1.6	90
KE-85-034380	1.0	70
KE-85-034381	.7	80
KE-85-034382	2.5	560
KE-85-034383	2.2	100
KE-85-034384	1.4	16
KE-85-034385	1.5	90
KE-85-034386	.8	26
KE-85-034387	3.0	150
KE-85-034388	1.7	80
KE-85-034389	1.7	60
KE-85-034390	8.3	260
KE-85-034391	1.4	29
KE-85-034392	1.9	21
KE-85-034393	1.5	27
KE-85-034394	2.9	65
KE-85-034395	1.9	55
KE-85-034396	.9	24
KE-85-034397	5.0	90
KE-85-034398	3.6	130
KE-85-034399	4.1	80
KE-85-034660	3.0	100
KE-85-034661	1.4	65
KE-85-034662	3.2	90
KE-85-034663	1.6	80
KE-85-034664	2.8	155
KE-85-034665	4.3	165
KE-85-034666	9.5	200
KE-85-034667	2.3	85
KE-85-034668	3.2	80
KE-85-034669	2.6	90
STD C/AU-0.5	7.1	495

BRINCO MINING   PROJECT - 7506-51 FILE # 85-2561   PAGE 2

SAMPLE#	Ag PPM	Au* PPB
KE-85-034670	12.0	1650
KE-85-034671	5.1	1400
KE-85-034672	4.8	1700
KE-85-034673	4.8	2400
KE-85-034674	3.6	3150
KE-85-034675	3.0	2000
KE-85-034676	5.8	3500
KE-85-034677	4.6	3250
KE-85-034678	3.9	2350
KE-85-034679	3.2	390
KE-85-034680	.7	70
KE-85-034681	.1	31
KE-85-034682	.9	45
STD C/AU 0.5	7.0	510

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: TALUS

DATE RECEIVED: OCT 8 1985 DATE REPORT MAILED: *Oct 15, 1985* ASSAYER. *D. Toye* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - KERR FILE # 85-2705 PAGE 4

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
KE-85-8108	63	326	53	41	1.8	2	16	173	13.76	57	5	ND	1	46	1	2	2	62	.01	.86	9	9	.19	66	.01	2	.45	.06	.14	1
KE-85-8109	54	317	40	39	1.3	1	14	157	13.81	56	5	ND	1	40	1	2	4	55	.01	.84	7	8	.16	67	.01	7	.42	.04	.13	1
KE-85-8110	45	300	48	44	1.0	2	14	202	10.30	35	5	ND	1	44	1	2	2	42	.04	.55	5	8	.30	101	.01	2	.61	.04	.15	1
KE-85-8111	45	423	94	53	1.3	2	19	217	10.46	37	5	ND	1	64	1	2	2	30	.01	.49	3	6	.15	222	.01	2	.60	.02	.12	1
KE-85-8112	34	358	93	53	3.2	1	17	434	8.91	74	5	ND	1	32	1	2	2	28	.01	.50	2	4	.21	316	.01	9	.58	.01	.11	1
KE-85-8113	44	264	101	45	4.0	2	13	203	7.39	55	11	ND	2	40	1	3	12	16	.01	.47	6	5	.11	369	.01	2	.39	.01	.08	1
KE-85-8114	34	238	103	43	3.8	3	12	269	7.28	50	5	ND	1	30	1	4	2	14	.01	.41	6	3	.09	338	.01	4	.34	.01	.09	1
KE-85-8115	20	119	69	20	2.3	4	7	97	4.52	24	5	ND	1	15	1	4	2	11	.01	.31	10	4	.06	259	.01	5	.24	.01	.07	1
KE-85-8116	27	243	56	52	1.6	3	13	360	6.36	27	5	ND	1	22	1	2	3	19	.04	.37	6	7	.26	442	.02	7	.68	.02	.07	1
KE-85-8117	40	255	58	47	1.2	1	12	359	6.85	32	5	ND	1	18	1	3	2	17	.01	.39	8	4	.17	262	.01	2	.47	.01	.06	2
KE-85-8118	35	205	53	39	1.1	1	10	206	5.47	25	5	ND	1	19	1	2	2	15	.01	.33	7	4	.14	220	.01	5	.41	.01	.06	1
KE-85-8119	39	238	84	49	2.2	1	12	321	8.66	35	5	ND	2	33	1	4	3	14	.02	.60	8	3	.14	268	.01	6	.34	.01	.12	1
KE-85-8120	32	176	142	59	2.0	1	11	156	8.74	32	5	ND	1	28	1	4	2	16	.01	.58	9	4	.16	333	.01	6	.29	.01	.08	1
KE-85-8121	26	122	69	35	1.6	2	7	113	6.69	26	5	ND	1	18	1	12	2	12	.01	.51	12	2	.11	308	.01	5	.22	.01	.09	1
KE-85-8122	33	175	69	39	1.3	2	10	171	5.58	29	5	ND	2	20	1	4	2	13	.01	.42	3	3	.11	207	.01	3	.30	.01	.07	1
KE-85-8123	34	184	80	48	1.4	2	11	231	5.96	26	5	ND	1	29	1	3	2	18	.06	.46	9	3	.22	271	.03	3	.42	.03	.07	1
KE-85-8124	36	169	82	45	1.7	2	9	187	5.93	28	6	ND	1	27	1	8	8	16	.05	.50	8	3	.19	268	.02	4	.42	.02	.08	1
KE-85-8125	34	235	58	45	1.1	1	12	213	6.29	23	5	ND	1	24	1	2	2	14	.03	.48	7	6	.15	254	.01	5	.39	.01	.07	1
KE-85-8126	26	138	65	35	1.7	2	7	141	3.85	21	5	ND	1	18	1	2	2	13	.02	.30	8	4	.12	191	.01	5	.37	.01	.06	1
KE-85-8127	27	169	57	54	2.9	7	11	292	5.18	22	5	ND	1	32	1	8	10	26	.21	.35	5	4	.39	249	.06	2	.64	.09	.07	1
KE-85-8128	11	229	50	42	2.2	1	12	240	5.29	59	5	ND	1	54	1	2	3	27	.30	.25	4	4	.37	124	.11	5	.60	.14	.11	1
KE-85-8129	26	349	65	63	3.0	1	12	88	4.26	23	5	[redacted]	1	20	1	2	2	8	.06	.26	3	2	.05	96	.01	2	.23	.01	.09	1
KE-85-8130	37	107	389	25	[redacted]	2	6	48	4.09	5902	5	[redacted]	1	576	1	[redacted]	22	11	.05	.36	8	4	.07	569	.01	2	.41	.01	.04	2
KE-85-8131	19	179	114	68	3.9	4	8	172	4.67	176	5	[redacted]	2	145	1	36	4	27	.03	.27	10	10	.41	581	.03	3	.77	.01	.06	1
KE-85-8132	30	24	23	73	1.6	1	1	215	1.31	20	5	ND	1	129	1	8	2	12	.02	.07	8	3	.53	182	.01	3	.61	.01	.02	1
KE-85-8133	21	58	118	34	4.6	2	3	93	2.43	292	5	ND	1	147	1	[redacted]	2	12	.02	.16	8	4	.19	260	.01	2	.38	.01	.04	1
KE-85-8134	42	20	118	68	2.3	1	2	162	1.52	31	5	ND	2	285	1	27	2	15	.03	.14	3	2	.60	817	.01	2	.73	.01	.03	1
KE-85-8135	16	839	97	142	8.7	5	18	2101	7.54	686	5	ND	2	23	1	42	5	55	.27	.28	9	11	.98	302	.05	4	1.69	.02	.10	2
KE-85-8136	28	642	175	123	6.2	5	18	1637	12.79	2933	5	ND	5	10	1	[redacted]	9	47	.03	.35	13	13	.57	94	.07	2	1.27	.01	.06	1
KE-85-8137	11	424	86	114	2.9	6	23	1408	7.57	1045	5	ND	2	10	1	31	8	56	.12	.25	9	13	.84	103	.05	2	1.32	.01	.08	1
KE-85-8138	104	586	549	176	[redacted]	1	16	652	21.34	5185	5	[redacted]	3	9	1	[redacted]	22	76	.02	.59	6	8	.17	137	.04	2	.47	.01	.07	2
KE-85-8139	20	484	77	157	1.0	3	41	2401	13.29	499	5	[redacted]	2	5	2	61	8	45	.01	.46	3	8	.53	83	.04	2	.85	.01	.04	1
KE-85-8140	18	560	195	184	1.1	8	38	3272	14.25	371	5	ND	2	5	1	44	11	56	.03	.62	8	7	.98	95	.06	5	1.40	.01	.04	1
KE-85-8141	8	259	34	154	1.6	15	20	1538	5.43	520	5	ND	1	7	1	15	5	55	.20	.20	6	16	.85	112	.07	6	1.42	.02	.10	1
KE-85-8142	20	2191	432	261	[redacted]	14	22	11270	9.78	821	5	ND	3	14	2	[redacted]	25	66	.13	.30	20	18	.91	274	.07	2	1.91	.02	.08	1
KE-85-8143	6	448	38	153	2.7	7	36	3266	6.36	225	5	ND	1	11	1	10	5	78	.25	.21	7	13	1.23	153	.07	2	2.06	.01	.09	1
STD C/AU-0.5	20	59	40	136	7.8	68	29	1178	3.94	37	18	7	35	48	16	15	22	60	.48	.15	39	60	.88	179	.08	41	1.72	.06	.11	13

No charge for this analysis.

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 30 1985

DATE REPORT MAILED: Oct 4/85.

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D.Toye. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2600 PAGE 1

SAMPLE#	Ag PPM	Au* PPB	Zn %	Zn ppm
034684	.8	230	-	
034685	.2	85	-	
034686	1.3	730	-	
034687	1.9	885	-	
034688	1.1	175	-	
034689	.8	105	-	
034690	.4	105	-	
034691	.6	205	-	
034692	.6	330	-	
034693	1.3	460	-	
034694	1.2	170	-	
034695	.3	27	-	
034696	.3	34	-	
034697	.3	75	-	
034698	.2	40	-	
034699	.3	140	-	
034700	.3	55	-	
034914	.7	60	-	
034915	.7	30	-	
034916	.9	125	-	
034917	.9	85	.02	243
034918	1.4	105	.02	240
034919	14.7	650	.01	112
034920	193.0	3900	-	
034921	36.5	480	-	
034922	4.6	185	-	
034923	.8	170	-	
034924	1.0	400	-	
034925	2.4	70	-	
034926	2.9	250	-	
STD C/AU-0.5	7.0	520	-	

ACME ANALYTICAL LABORA. :IES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:(604)253-3158 COMPUTER LINE:251-1011

DATE REL .VED SEPT 17 1985
DATE REPORTS MAILED Sept 20/85

ASSAY CERTIFICATE

SAMPLE TYPE : PULP AND REJECT
AG** AND AU** BY FIRE ASSAY

ASSAYER T. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-2176 R PAGE# 1

SAMPLE	Ag** oz/t	Au** oz/t	
3536	4.24	5.713	(from pulp)
3536	8.09	6.412	(from reject)

OCT 01 1985

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: SEPT 24 1985
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Oct 2/85

GEOCHEMICAL ICP ANALYSIS

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

ASSAYER: ....DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - GOSSAN FILE # 85-2515 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au** PPB
034352	1	137	36	834	1.0	35
034353	1	71	50	1045	.5	22
034354	1	343	220	905	4.4	395
034355	1	561	326	1941	10.4	2840
034356	1	188	158	1242	2.6	495
034357	1	200	134	1396	1.5	405
034358	1	127	96	1011	1.9	2230
034359	2	4169	168	1317	31.5	4920
034360	3	179	57	828	1.4	180
034361	6	1530	1189	8480	41.1	2510
034362	4	289	265	1451	4.8	305
034363	2	145	64	459	1.4	70
034364	1	264	152	1167	3.4	90
034365	2	309	246	1052	4.1	140
034366	2	467	161	918	2.6	70
034367	3	319	217	1035	3.8	150
034368	1	265	235	1895	4.6	270
034369	2	286	357	4794	21.6	470
034370	1	145	321	2447	2.0	105
034371	1	306	530	2917	2.5	165
034372	2	153	293	872	1.7	120
034373	2	261	421	3228	7.9	215
STD C/FA-AU	20	61	39	136	7.0	50

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158   DATA LINE 251-1011

DATE RECEIVED: OCT 31 1985

DATE REPORT MAILED: Nov. 8/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP

ASSAYER: T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING   PROJECT - KERR   FILE # 85-2705   PAGE 1

SAMPLE#	Fe %	S %
KE-85-8034	.51	.446
KE-85-8053	4.90	.807
KE-85-8058	3.64	.152
KE-85-8066	3.39	.304
KE-85-8143	6.54	.074
KE-85-8165	11.69	.191
KE-85-8174	9.31	.075
KE-85-8184	9.62	.095
STD C	3.98	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: TALUS

DATE RECEIVED: OCT 8 1985 DATE REPORT MAILED: *Oct 15, 1985* ASSAYER. *D. Toye* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - KERR FILE # 85-2705

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
KE-85-8108	63	326	53	41	1.8	2	16	173	13.76	57	5	ND	1	46	1	2	2	62	.01	.86	9	9	.19	66	.01	2	.45	.06	.14	1
KE-85-8109	54	317	40	39	1.3	1	14	157	13.81	56	5	ND	1	40	1	2	4	55	.01	.84	7	8	.16	67	.01	7	.42	.04	.13	1
KE-85-8110	45	300	48	44	1.0	2	14	202	10.30	35	5	ND	1	44	1	2	2	42	.04	.55	5	8	.30	101	.01	2	.61	.04	.15	1
KE-85-8111	45	423	94	53	1.3	2	19	217	10.46	37	5	ND	1	64	1	2	2	30	.01	.49	3	6	.15	222	.01	2	.60	.02	.12	1
KE-85-8112	34	358	93	53	3.2	1	17	434	8.91	74	5	ND	1	32	1	2	2	28	.01	.50	2	4	.21	316	.01	9	.58	.01	.11	1
KE-85-8113	44	264	101	45	4.0	2	13	203	7.39	55	11	ND	2	40	1	3	12	16	.01	.47	6	5	.11	369	.01	2	.39	.01	.08	1
KE-85-8114	34	238	103	43	3.8	3	12	269	7.28	50	5	ND	1	30	1	4	2	14	.01	.41	6	3	.09	338	.01	4	.34	.01	.09	1
KE-85-8115	20	119	69	20	2.3	4	7	97	4.52	24	5	ND	1	15	1	4	2	11	.01	.31	10	4	.06	259	.01	5	.24	.01	.07	1
KE-85-8116	27	243	56	52	1.6	3	13	360	6.36	27	5	ND	1	22	1	2	3	19	.04	.37	6	7	.26	442	.02	7	.68	.02	.07	1
KE-85-8117	40	255	58	47	1.2	1	12	359	6.85	32	5	ND	1	18	1	3	2	17	.01	.39	8	4	.17	262	.01	2	.47	.01	.06	2
KE-85-8118	35	205	53	39	1.1	1	10	206	5.47	25	5	ND	1	19	1	2	2	15	.01	.33	7	4	.14	220	.01	5	.41	.01	.06	1
KE-85-8119	39	238	84	49	2.2	1	12	321	8.66	35	5	ND	2	33	1	4	3	14	.02	.60	8	3	.14	268	.01	6	.34	.01	.12	1
KE-85-8120	32	176	142	59	2.0	1	11	156	8.74	32	5	ND	1	28	1	4	2	16	.01	.58	9	4	.16	333	.01	6	.29	.01	.08	1
KE-85-8121	26	122	69	35	1.6	2	7	113	6.69	26	5	ND	1	18	1	12	2	12	.01	.51	12	2	.11	308	.01	5	.22	.01	.09	1
KE-85-8122	33	175	69	39	1.3	2	10	171	5.58	29	5	ND	2	20	1	4	2	13	.01	.42	3	3	.11	207	.01	3	.30	.01	.07	1
KE-85-8123	34	184	80	48	1.4	2	11	231	5.96	26	5	ND	1	29	1	3	2	18	.06	.46	9	3	.22	271	.03	3	.42	.03	.07	1
KE-85-8124	36	169	82	45	1.7	2	9	187	5.93	28	6	ND	1	27	1	8	8	16	.05	.50	8	3	.19	268	.02	4	.42	.02	.08	1
KE-85-8125	34	235	58	45	1.1	1	12	213	6.29	23	5	ND	1	24	1	2	2	14	.03	.48	7	6	.15	254	.01	5	.39	.01	.07	1
KE-85-8126	26	138	65	35	1.7	2	7	141	3.85	21	5	ND	1	18	1	2	2	13	.02	.30	8	4	.12	191	.01	5	.37	.01	.06	1
KE-85-8127	27	169	57	54	2.9	7	11	292	5.18	22	5	ND	1	32	1	8	10	26	.21	.35	5	4	.39	249	.06	2	.64	.09	.07	1
KE-85-8128	11	229	50	42	2.2	1	12	240	5.29	59	5	ND	1	54	1	2	3	27	.30	.25	4	4	.37	124	.11	5	.60	.14	.11	1
KE-85-8129	26	349	65	63	3.0	1	12	88	4.26	23	5	ND	1	20	1	2	2	8	.06	.26	3	2	.05	96	.01	2	.23	.01	.09	1
KE-85-8130	37	107	389	25	44.5	2	6	48	4.09	5902	5	85	1	576	1	1889	22	11	.05	.36	8	4	.07	569	.01	2	.41	.01	.04	2
KE-85-8131	19	179	114	68	3.9	4	8	172	4.67	176	5	ND	2	145	1	36	4	27	.03	.27	10	10	.41	581	.03	3	.77	.01	.06	1
KE-85-8132	30	24	23	73	1.6	1	1	215	1.31	20	5	ND	1	129	1	8	2	12	.02	.07	8	3	.53	182	.01	3	.61	.01	.02	1
KE-85-8133	21	58	118	34	4.6	2	3	93	2.43	292	5	ND	1	147	1	252	2	12	.02	.16	8	4	.19	260	.01	2	.38	.01	.04	1
KE-85-8134	42	20	118	68	2.3	1	2	162	1.52	31	5	ND	2	285	1	27	2	15	.03	.14	3	2	.60	817	.01	2	.73	.01	.03	1
KE-85-8135	16	839	97	142	8.7	5	18	2101	7.54	686	5	ND	2	23	1	42	5	55	.27	.28	9	11	.98	302	.05	4	1.69	.02	.10	2
KE-85-8136	28	642	175	123	6.2	5	18	1637	12.79	2933	5	ND	5	10	1	111	9	47	.03	.35	13	13	.57	94	.07	2	1.27	.01	.06	1
KE-85-8137	11	424	86	114	2.9	6	23	1408	7.57	1045	5	ND	2	10	1	31	8	56	.12	.25	9	13	.84	103	.05	2	1.32	.01	.08	1
KE-85-8138	104	586	549	176	13.0	1	16	652	21.34	5185	5	4	3	9	1	155	22	76	.02	.59	6	8	.17	137	.04	2	.47	.01	.07	2
KE-85-8139	20	484	77	157	1.0	3	41	2401	13.29	499	5	ND	2	5	2	61	8	45	.01	.46	3	8	.53	83	.04	2	.85	.01	.04	1
KE-85-8140	18	560	195	184	1.1	8	38	3272	14.25	371	5	ND	2	5	1	44	11	56	.03	.62	8	7	.98	95	.06	5	1.40	.01	.04	1
KE-85-8141	8	259	34	154	1.6	15	20	1538	5.43	520	5	ND	1	7	1	15	5	55	.20	.20	6	16	.85	112	.07	6	1.42	.02	.10	1
KE-85-8142	20	2191	432	261	86.0	14	22	11270	9.78	821	5	ND	3	14	2	147	25	66	.13	.30	20	18	.91	274	.07	2	1.91	.02	.08	1
KE-85-8143	6	448	38	153	2.7	7	36	3266	6.36	225	5	ND	1	11	1	10	5	78	.25	.21	7	13	1.23	153	.07	2	2.06	.01	.09	1
STD C/AU-0.5	20	59	40	136	7.8	68	29	1178	3.94	37	18	7	35	48	16	15	22	60	.48	.15	39	60	.88	179	.08	41	1.72	.06	.11	13

No charge for this analysis.

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: TALUS

DATE RECEIVED: OCT 8 1985 DATE REPORT MAILED: *Oct 15, 1985* ASSAYER. *D. Toye* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - KERR FILE # 85-2705

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
KE-85-8108	63	326	53	41	1.8	2	16	173	13.76	57	5	ND	1	46	1	2	2	62	.01	.86	9	9	.19	66	.01	2	.45	.06	.14	1
KE-85-8109	54	317	40	39	1.3	1	14	157	13.81	56	5	ND	1	40	1	2	4	55	.01	.84	7	8	.16	67	.01	7	.42	.04	.13	1
KE-85-8110	45	300	48	44	1.0	2	14	202	10.30	35	5	ND	1	44	1	2	2	42	.04	.55	5	8	.30	101	.01	2	.61	.04	.15	1
KE-85-8111	45	423	94	53	1.3	2	19	217	10.46	37	5	ND	1	64	1	2	2	30	.01	.49	3	6	.15	222	.01	2	.60	.02	.12	1
KE-85-8112	34	358	93	53	3.2	1	17	434	8.91	74	5	ND	1	32	1	2	2	28	.01	.50	2	4	.21	316	.01	9	.58	.01	.11	1
KE-85-8113	44	264	101	45	4.0	2	13	203	7.39	55	11	ND	2	40	1	3	12	16	.01	.47	6	5	.11	369	.01	2	.39	.01	.08	1
KE-85-8114	34	238	103	43	3.8	3	12	269	7.28	50	5	ND	1	30	1	4	2	14	.01	.41	6	3	.09	338	.01	4	.34	.01	.09	1
KE-85-8115	20	119	69	20	2.3	4	7	97	4.52	24	5	ND	1	15	1	4	2	11	.01	.31	10	4	.06	259	.01	5	.24	.01	.07	1
KE-85-8116	27	243	56	52	1.6	3	13	360	6.36	27	5	ND	1	22	1	2	3	19	.04	.37	6	7	.26	442	.02	7	.68	.02	.07	1
KE-85-8117	40	255	58	47	1.2	1	12	359	6.85	32	5	ND	1	18	1	3	2	17	.01	.39	8	4	.17	262	.01	2	.47	.01	.06	2
KE-85-8118	35	205	53	39	1.1	1	10	206	5.47	25	5	ND	1	19	1	2	2	15	.01	.33	7	4	.14	220	.01	5	.41	.01	.06	1
KE-85-8119	39	238	84	49	2.2	1	12	321	8.66	35	5	ND	2	33	1	4	3	14	.02	.60	8	3	.14	268	.01	6	.34	.01	.12	1
KE-85-8120	32	176	142	59	2.0	1	11	156	8.74	32	5	ND	1	28	1	4	2	16	.01	.58	9	4	.16	333	.01	6	.29	.01	.08	1
KE-85-8121	26	122	69	35	1.6	2	7	113	6.69	26	5	ND	1	18	1	12	2	12	.01	.51	12	2	.11	308	.01	5	.22	.01	.09	1
KE-85-8122	33	175	69	39	1.3	2	10	171	5.58	29	5	ND	2	20	1	4	2	13	.01	.42	3	3	.11	207	.01	3	.30	.01	.07	1
KE-85-8123	34	184	80	48	1.4	2	11	231	5.96	26	5	ND	1	29	1	3	2	18	.06	.46	9	3	.22	271	.03	3	.42	.03	.07	1
KE-85-8124	36	169	82	45	1.7	2	9	187	5.93	28	6	ND	1	27	1	8	8	16	.05	.50	8	3	.19	268	.02	4	.42	.02	.08	1
KE-85-8125	34	235	58	45	1.1	1	12	213	6.29	23	5	ND	1	24	1	2	2	14	.03	.48	7	6	.15	254	.01	5	.39	.01	.07	1
KE-85-8126	26	138	65	35	1.7	2	7	141	3.85	21	5	ND	1	18	1	2	2	13	.02	.30	8	4	.12	191	.01	5	.37	.01	.06	1
KE-85-8127	27	169	57	54	2.9	7	11	292	5.18	22	5	ND	1	32	1	8	10	26	.21	.35	5	4	.39	249	.06	2	.64	.09	.07	1
KE-85-8128	11	229	50	42	2.2	1	12	240	5.29	59	5	ND	1	54	1	2	3	27	.30	.25	4	4	.37	124	.11	5	.60	.14	.11	1
KE-85-8129	26	349	65	63	3.0	1	12	88	4.26	23	5	ND	1	20	1	2	2	8	.06	.26	3	2	.05	96	.01	2	.23	.01	.09	1
KE-85-8130	37	107	389	25	44.5	2	6	48	4.09	5902	5	85	1	576	1	1889	22	11	.05	.36	8	4	.07	569	.01	2	.41	.01	.04	2
KE-85-8131	19	179	114	68	3.9	4	8	172	4.67	176	5	ND	2	145	1	36	4	27	.03	.27	10	10	.41	581	.03	3	.77	.01	.06	1
KE-85-8132	30	24	23	73	1.6	1	1	215	1.31	20	5	ND	1	129	1	8	2	12	.02	.07	8	3	.53	182	.01	3	.61	.01	.02	1
KE-85-8133	21	58	118	34	4.6	2	3	93	2.43	292	5	ND	1	147	1	252	2	12	.02	.16	8	4	.19	260	.01	2	.38	.01	.04	1
KE-85-8134	42	20	118	68	2.3	1	2	162	1.52	31	5	ND	2	285	1	27	2	15	.03	.14	3	2	.60	817	.01	2	.73	.01	.03	1
KE-85-8135	16	839	97	142	8.7	5	18	2101	7.54	686	5	ND	2	23	1	42	5	55	.27	.28	9	11	.98	302	.05	4	1.69	.02	.10	2
KE-85-8136	28	642	175	123	6.2	5	18	1637	12.79	2933	5	ND	5	10	1	111	9	47	.03	.35	13	13	.57	94	.07	2	1.27	.01	.06	1
KE-85-8137	11	424	86	114	2.9	6	23	1408	7.57	1045	5	ND	2	10	1	31	8	56	.12	.25	9	13	.84	103	.05	2	1.32	.01	.08	1
KE-85-8138	104	586	549	176	13.0	1	16	652	21.34	5185	5	4	3	9	1	155	22	76	.02	.59	6	8	.17	137	.04	2	.47	.01	.07	2
KE-85-8139	20	484	77	157	1.0	3	41	2401	13.29	499	5	ND	2	5	2	61	8	45	.01	.46	3	8	.53	83	.04	2	.85	.01	.04	1
KE-85-8140	18	560	195	184	1.1	8	38	3272	14.25	371	5	ND	2	5	1	44	11	56	.03	.62	8	7	.98	95	.06	5	1.40	.01	.04	1
KE-85-8141	8	259	34	154	1.6	15	20	1538	5.43	520	5	ND	1	7	1	15	5	55	.20	.20	6	16	.85	112	.07	6	1.42	.02	.10	1
KE-85-8142	20	2191	432	261	86.0	14	22	11270	9.78	821	5	ND	3	14	2	147	25	66	.13	.30	20	18	.91	274	.07	2	1.91	.02	.08	1
KE-85-8143	6	448	38	153	2.7	7	36	3266	6.36	225	5	ND	1	11	1	10	5	78	.25	.21	7	13	1.23	153	.07	2	2.06	.01	.09	1
STD C/AU-0.5	20	59	40	136	7.8	68	29	1178	3.94	37	18	7	35	48	16	15	22	60	.48	.15	39	60	.88	179	.08	41	1.72	.06	.11	13

No charge for this analysis.

ACME ANALYTICAL LABORA IES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:(604)253-3158 COMPUTER LINE:251-1011

DATE REC VED OCT 8 1985
DATE REPORTS MAILED Oct 12,1985

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 MLS OF 3:1:2 HCl:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : Ag
SAMPLE TYPE : TALUS / ROCKS   Talus - 80 mesh sieve   Rock - 100 mesh pulverized.
Au* - 10 GM.IGNITED. HOT AQUA REGIA LEACHED. MIBK EXTRACTION. AA ANALYSIS.

ASSAYER [signature] DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING   PROJECT KERR   FILE# 85-2705   PAGE# 1

SAMPLE	Ag ppm	Au* ppb
KE-85-8000	2.0	415
KE-85-8001	1.9	395
KE-85-8002	3.4	225
KE-85-8003	3.1	480
KE-85-8004	1.2	65
KE-85-8005	1.3	50
KE-85-8006	3.7	315
KE-85-8007	2.3	190
KE-85-8008	2.1	315
KE-85-8009	1.6	75
KE-85-8010	1.8	195
KE-85-8011	2.0	115
KE-85-8012	10.3	395
KE-85-8013	8.4	485
KE-85-8014	3.1	135
KE-85-8015	2.2	160
KE-85-8016	2.5	395
KE-85-8017	2.8	150
KE-85-8018	3.2	175
KE-85-8019	3.3	205
KE-85-8020	2.3	95
KE-85-8021	11.6	170
KE-85-8022	2.9	160
KE-85-8023	2.5	55
KE-85-8024	3.6	180
KE-85-8025	3.3	150
KE-85-8026	3.1	135
KE-85-8027	3.1	130
KE-85-8028	5.2	125
KE-85-8029	4.2	105
KE-85-8030	2.6	130
KE-85-8031	2.1	420
KE-85-8032	1.7	240
KE-85-8033	1.9	340
KE-85-8034	2.0	280
KE-85-8035	2.6	330

SAMPLE	Ag ppm	Au* ppb
KE-85-8036	1.5	410
KE-85-8037	1.8	460
KE-85-8038	1.4	350
KE-85-8039	1.7	410
KE-85-8040	1.5	325
KE-85-8041	3.0	655
KE-85-8042	2.1	435
KE-85-8043	2.0	390
KE-85-8044	1.8	375
KE-85-8045	2.1	390
KE-85-8046	2.0	375
KE-85-8047 R	1.7	190
KE-85-8048	3.4	460
KE-85-8049 R	.4	145
KE-85-8050	1.2	265
KE-85-8051	1.9	615
KE-85-8052	4.5	1220
KE-85-8053	5.6	1560
KE-85-8054	4.6	1310
KE-85-8055	4.9	1490
KE-85-8056	2.1	750
KE-85-8057	1.9	710
KE-85-8058	1.5	930
KE-85-8059	1.8	640
KE-85-8060	1.9	625
KE-85-8061	1.7	595
KE-85-8062	1.8	1160
KE-85-8063	1.2	450
KE-85-8064	1.3	560
KE-85-8065	1.4	555
KE-85-8066	1.5	615
KE-85-8067	1.5	530
KE-85-8068	1.6	545
KE-85-8069	1.5	585
KE-85-8070	1.2	550
KE-85-8071	1.4	350

SAMPLE		Ag ppm	Au* ppb
KE-85-8072		1.6	415
KE-85-8073		1.3	315
KE-85-8074		2.0	320
KE-85-8075		1.8	260
KE-85-8076		1.8	290
KE-85-8077		2.4	475
KE-85-8078		1.5	415
KE-85-8079		1.4	250
KE-85-8080		2.4	625
KE-85-8081	R	1.9	95
KE-85-8082	R	.7	125
KE-85-8083		1.9	335
KE-85-8084		5.6	795
KE-85-8085		2.4	335
KE-85-8086		15.4	445
KE-85-8087	R	2.8	215
KE-85-8088		2.2	425
KE-85-8089		2.2	495
KE-85-8090		2.3	510
KE-85-8091		1.7	275
KE-85-8092		1.4	325
KE-85-8093		1.0	1330
KE-85-8094		1.6	455
KE-85-8095		1.5	240
KE-85-8096		1.4	330
KE-85-8097		2.4	860
KE-85-8098		1.6	390
KE-85-8099		1.4	340
KE-85-8100		2.1	760
KE-85-8101		1.2	240
KE-85-8102		1.4	235
KE-85-8103		1.3	250
KE-85-8104		1.4	205
KE-85-8105		1.4	215
KE-85-8106		1.2	280
KE-85-8107		1.4	7

SAMPLE	Ag ppm	Au* ppb
KE-85-8108	1.7	365
KE-85-8109	1.5	400
KE-85-8110	1.4	325
KE-85-8111	1.7	320
KE-85-8112	3.5	915
KE-85-8113	3.5	770
KE-85-8114	3.8	545
KE-85-8115	2.2	315
KE-85-8116	1.6	410
KE-85-8117	1.5	305
KE-85-8118	1.2	265
KE-85-8119	2.0	165
KE-85-8120	2.0	190
KE-85-8121	1.6	320
KE-85-8122	1.6	255
KE-85-8123	1.6	285
KE-85-8124	1.7	260
KE-85-8125	1.4	225
KE-85-8126	1.7	240
KE-85-8127	2.8	220
KE-85-8128	1.9	395
KE-85-8129	2.7	110
KE-85-8130	46.5	42100
KE-85-8131	3.8	850
KE-85-8132	1.6	370
KE-85-8133	4.6	795
KE-85-8134	2.2	590
KE-85-8135	8.6	1200
KE-85-8136	6.1	1150
KE-85-8137	3.3	375
KE-85-8138	12.8	2450
KE-85-8139	1.6	250
KE-85-8140	1.4	220
KE-85-8141	1.7	190
KE-85-8142	85.2	2100
KE-85-8143	3.2	205

SAMPLE	Ag ppm	Au* ppb
KE-85-8144	1.4	395
KE-85-8145	2.5	575
KE-85-8146	2.8	465
KE-85-8147	1.7	250
KE-85-8148	1.1	170
KE-85-8149	.7	550
KE-85-8150	3.1	570
KE-85-8151	1.5	555
KE-85-8152	1.2	290
KE-85-8153	.6	310
KE-85-8154	3.4	125
KE-85-8155	3.2	575
KE-85-8156	2.3	325
KE-85-8157	3.6	625
KE-85-8158	1.7	435
KE-85-8159	2.4	635
KE-85-8160	2.5	750
KE-85-8161	2.6	2100
KE-85-8162	2.6	795
KE-85-8163	2.4	910
KE-85-8164	2.2	1750
KE-85-8165	3.5	1960
KE-85-8166	3.9	1680
KE-85-8167	3.5	885
KE-85-8168	3.6	1210
KE-85-8169	2.6	675
KE-85-8170	1.4	735
KE-85-8171	1.2	445
KE-85-8172	1.8	435
KE-85-8173	1.5	575
KE-85-8174	2.0	615
KE-85-8175	1.3	430
KE-85-8176	.8	170
KE-85-8177	1.8	1110
KE-85-8178	1.9	310
KE-85-8179	1.2	210

SAMPLE	Ag ppm	Au* ppb
KE-85-8180	1.4	190
KE-85-8181	1.7	315
KE-85-8182	4.5	595
KE-85-8183	4.0	830
KE-85-8184	3.9	815
KE-85-8185	3.5	675
KE-85-8186	1.7	120
KE-85-8187	4.5	235
KE-85-8188	1.7	170
KE-85-8189	2.2	200
KE-85-8190	3.2	180
KE-85-8191	4.7	210
KE-85-8192	1.8	130
KE-85-8193	1.6	95
KE-85-8194	1.3	90
KE-85-8195	1.4	120
KE-85-8196	1.4	165
KE-85-8197	5.0	85
KE-85-8198	.8	105
KE-85-8199	.6	135
KE-85-8200	1.1	145
KE-85-8201	1.3	125
KE-85-8202	.7	39
KE-85-8203	1.2	950
KE-85-8204	1.5	295
KE-85-8205	1.4	255
KE-85-8206	1.5	145
KE-85-8207	1.4	110
KE-85-8208	1.2	155
KE-85-8209	1.2	80
KE-85-8210	.8	185
KE-85-8211	1.4	165
KE-85-8212	1.5	150
KE-85-8213	1.3	170
KE-85-8214	1.6	505
KE-85-8215	1.6	405

SAMPLE	Ag ppm	Au* ppb
KE-85-8216	2.2	515
KE-85-8217	2.0	540
KE-85-8218	2.1	970
KE-85-8219	1.8	385
KE-85-8220	1.5	455
KE-85-8221	2.3	250
KE-85-8222	1.4	895
KE-85-8223	1.8	385
KE-85-8224	1.3	235
KE-85-8225	.8	250
KE-85-8226	1.7	475
KE-85-8227	1.9	325
KE-85-8228	4.7	850
KE-85-8229	7.6	960
KE-85-8230	7.3	1260
KE-85-8231	10.5	1320
KE-85-8232	4.2	1330
KE-85-8233	2.4	375
KE-85-8234	2.2	435
KE-85-8235	2.9	525
KE-85-8236	3.2	735
KE-85-8237	2.8	490
KE-85-8238	2.0	630
KE-85-8239	2.2	375
KE-85-8240	2.1	290
KE-85-8241	2.4	750
KE-85-8242	2.2	415
KE-85-8243	1.8	410
KE-85-8244	1.5	290
KE-85-8245	1.9	250
KE-85-8246	2.2	315
KE-85-8247	1.3	360
KE-85-8248	2.4	455
KE-85-8249	1.5	270
KE-85-8250	2.2	490
KE-85-8251	2.5	450

SAMPLE	Ag ppm	Au* ppb
KE-85-8252	2.2	520
KE-85-8253	1.8	380
KE-85-8254	2.5	410
KE-85-8255	2.6	390
KE-85-8256	2.2	470
KE-85-8257	2.3	520
KE-85-8258	2.4	550
KE-85-8259	2.6	1240
KE-85-8260	2.4	540
KE-85-8261	2.3	780
KE-85-8262	4.2	330
KE-85-8263	2.5	170
KE-85-8264	2.0	380
KE-85-8265	2.3	450
KE-85-8266	2.2	300
KE-85-8267	2.3	240
KE-85-8268	1.3	215
KE-85-8269	.8	185
KE-85-8270	2.2	240
KE-85-8271	1.9	310
KE-85-8272	2.0	355
KE-85-8273	1.9	210
KE-85-8274	2.4	360
KE-85-8275	2.1	290
KE-85-8276	1.7	320
KE-85-8277	1.8	350
KE-85-8278	2.2	310
KE-85-8279	2.8	270
KE-85-8280	2.7	290
KE-85-8281	2.6	370
KE-85-8282	2.1	300
KE-85-8283	2.2	320
KE-85-8284	2.1	260
KE-85-8285	1.8	360
KE-85-8286	13.2	3600
KE-85-8287	9.1	2450

SAMPLE	Ag ppm	Au* ppb
KE-85-8288	9.6	7400
KE-85-8289	12.2	6500
KE-85-8290	12.3	4400
KE-85-8291	7.3	915
KE-85-8292	6.5	870
KE-85-8293	13.4	960
KE-85-8294	7.8	1700
KE-85-8295	11.8	3700
KE-85-8296	7.4	2000
KE-85-8297	9.7	1650
KE-85-8298	5.7	760
KE-85-8299	4.8	490
KE-85-8300	6.1	600
KE-85-8301	6.3	495
KE-85-8302	3.8	335
KE-85-8303	4.2	420
KE-85-8304	5.4	765
KE-85-8305	5.5	630
KE-85-8306	3.7	390
KE-85-8307	4.2	710
KE-85-8308	3.9	975
KE-85-8309	9.8	2300
KE-85-8310	10.8	2700
KE-85-8311	9.6	1950
KE-85-8312	11.4	950
KE-85-8313	2.6	190
KE-85-8314	2.3	195
KE-85-8315	2.5	205
KE-85-8316	2.4	155
KE-85-8317	2.6	145
KE-85-8318	2.6	145
KE-85-8319	1.8	140
KE-85-8320	2.7	190
KE-85-8321	2.8	175
KE-85-8322	2.7	185
KE-85-8323	1.6	305

SAMPLE	Ag ppm	Au* ppb
KE-85-8324	1.2	250
KE-85-8325	13.2	650
KE-85-8326	1.8	290
KE-85-8327	1.0	325
KE-85-8328	1.3	175
KE-85-8329	1.0	190
KE-85-8330	1.3	240
KE-85-8331	1.4	250
KE-85-8332	1.4	295
KE-85-8333	2.9	610
KE-85-8334	2.1	440
KE-85-8335	2.2	350
KE-85-8336	2.3	390
KE-85-8337	2.2	410
KE-85-8338	2.1	490
KE-85-8339	2.0	290
KE-85-8340	2.7	260
KE-85-8341	3.4	410
KE-85-8342	8.6	490
KE-85-8343	5.8	350
KE-85-8344	4.3	245
KE-85-8345	5.8	310
KE-85-8346	5.1	450
KE-85-8347	2.7	335
KE-85-8348	7.8	845
KE-85-8349	5.0	735
KE-85-8350	3.7	310
KE-85-8351	5.8	495
KE-85-8352	2.6	310
KE-85-8353	1.6	170
KE-85-8354	3.0	295
KE-85-8355	8.1	460
KE-85-8356	3.1	4680
KE-85-8357	4.6	370
KE-85-8358	6.0	475
KE-85-8359	3.2	305

SAMPLE	Ag ppm	Au* ppb
KE-85-8360	1.5	365
KE-85-8361	6.0	290
KE-85-8362	1.5	250
KE-85-8363	5.2	475
KE-85-8364	5.5	590
KE-85-8365	3.8	305
KE-85-8366	1.9	425
KE-85-8367	2.0	305
KE-85-8368	2.1	205
KE-85-8369	5.8	305
KE-85-8370	4.7	475
KE-85-8371	4.1	360
KE-85-8372	2.4	625
KE-85-8373	2.2	325
KE-85-8374	1.1	240
KE-85-8375	2.0	370
KE-85-8376	2.1	425
KE-85-8377	4.2	475
KE-85-8378	2.6	345
KE-85-8379	1.5	250
KE-85-8380	2.8	470
KE-85-8381	7.2	1230
KE-85-8382	3.6	325
KE-85-8383	.8	230
KE-85-8384	1.7	415
KE-85-8385	3.7	715
KE-85-8386	2.6	390
KE-85-8387	1.8	255
KE-85-8388	5.2	315
KE-85-8389	1.6	240
KE-85-8390	2.0	585
KE-85-8391	.7	405
KE-85-8392	3.8	420
KE-85-8393	4.5	315
KE-85-8394	4.8	4780
KE-85-8395	10.1	3560

SAMPLE	Ag ppm	Au* ppb
KE-85-8396	4.9	485
KE-85-8397	6.2	535
KE-85-8398	3.4	465
KE-85-8399	4.9	1250
KE-85-8400	1.4	235
KE-85-8401	.4	180
KE-85-8402	1.3	375
KE-85-8403	2.2	430
KE-85-8404	2.4	400
KE-85-8405	6.8	780
KE-85-8406	4.1	620
KE-85-8407	1.5	420
KE-85-8408	2.0	850
KE-85-8409	1.5	420
KE-85-8410	1.8	455
KE-85-8411	2.1	410
KE-85-8412	1.8	270
KE-85-8413	1.4	320
KE-85-8414	1.2	310
KE-85-8415	.9	205
KE-85-8416	.8	215
KE-85-8417	.8	240
KE-85-8418	1.2	230
KE-85-8419	4.8	485
KE-85-8420	2.4	260
KE-85-8421	1.8	305
KE-85-8422	1.2	195
KE-85-8423	.7	180
KE-85-8424	1.4	315
KE-85-8425	1.3	270
KE-85-8426	1.5	220
KE-85-8427	1.2	385
KE-85-8428	1.6	340
KE-85-8429	1.5	210
KE-85-8430	6.5	780
KE-85-8431	2.5	375

SAMPLE	Ag ppm	Au* ppb
KE-85-8432	3.5	105
KE-85-8433	1.8	405
KE-85-8434	1.5	310
KE-85-8435	1.5	290
KE-85-8436	2.6	430
KE-85-8437	3.3	670
KE-85-8438	1.8	345
KE-85-8439	2.6	455
KE-85-8440	2.3	440
KE-85-8441	1.7	365
KE-85-8442	1.3	270
KE-85-8443	1.7	845
KE-85-8444	1.9	420
KE-85-8445	.6	240
KE-85-8446	1.2	315
KE-85-8447	2.7	695
KE-85-8448	3.1	460
KE-85-8449	2.5	350
KE-85-8450	5.0	305
KE-85-8451	6.2	525
KE-85-8452	3.4	950
KE-85-8453	.8	395
KE-85-8454	1.0	115
KE-85-8455	6.3	29100
KE-85-8456	1.4	1350
KE-85-8457	1.5	1100
KE-85-8458	2.1	1200
KE-85-8459	5.9	1450
KE-85-8460	5.3	860
KE-85-8461	4.5	610
KE-85-8462	5.9	885
KE-85-8463	7.3	305
KE-85-8464	4.0	700
KE-85-8465	2.8	350
KE-85-8466	6.9	635
KE-85-8467	1.9	510

SAMPLE	Ag ppm	Au* ppb
KE-85-8468	1.5	250
KE-85-8469	2.3	310
KE-85-8470	1.6	670
KE-85-8471	2.3	470
KE-85-8472	2.1	190
KE-85-8473	1.7	250
KE-85-8474	2.6	570
KE-85-8475	1.4	140
KE-85-8476	1.5	180
KE-85-8477	1.6	140
KE-85-8478	1.1	80
KE-85-8479	2.0	735
KE-85-8480	.7	80
KE-85-8481	.6	50
KE-85-8482	1.3	75
KE-85-8483	5.3	230
KE-85-8484	2.1	475
KE-85-8485	5.8	625
KE-85-8486	4.2	780
KE-85-8487	4.3	690
KE-85-8488	4.1	715
KE-85-8489	4.0	715
KE-85-8490	3.7	550
KE-85-8491	3.2	435
KE-85-8492	3.3	495
KE-85-8493	1.9	220
KE-85-8494	1.9	290
KE-85-8495	1.4	135
KE-85-8496	1.6	275
KE-85-8497	1.7	255
KE-85-8498	2.0	395
KE-85-8499	2.1	450
KE-85-8500	2.0	315
KE-85-8501	1.6	240
KE-85-8502	1.5	270
KE-85-8503	1.6	315

SAMPLE	Ag ppm	Au* ppb
KE-85-8504	1.8	150
KE-85-8505	1.4	205
KE-85-8506	1.5	195
KE-85-8507	1.1	350
KE-85-8508	1.9	85
KE-85-8509	1.2	250
KE-85-8510	.8	115
KE-85-8511	2.0	105
KE-85-8512	.8	105
KE-85-8513	.6	125
KE-85-8514	1.3	165
KE-85-8515	1.9	190
KE-85-8516	1.2	140
KE-85-8517	1.7	150
KE-85-8518	2.1	250
KE-85-8519	1.9	230
KE-85-8520	.8	55
KE-85-8521	1.7	390
KE-85-8522	.9	190
KE-85-8523	1.2	360
KE-85-8524	.7	195
KE-85-8525	.4	175
KE-85-8526	.5	155
KE-85-8527	.5	180
KE-85-8528	2.4	130
KE-85-8529	1.9	160
KE-85-8530	1.7	125
KE-85-8531	1.3	130
KE-85-8532	1.4	190
KE-85-8533	.7	23
KE-85-8534	.1	13
KE-85-8535	1.9	235
KE-85-8536	1.7	165
KE-85-8537	4.1	1220
KE-85-8538	3.5	330
KE-85-8539	.7	55

SAMPLE	Ag ppm	Au* ppb
KE-85-8540	1.6	285
KE-85-8541	1.4	110
KE-85-8542	2.8	550
KE-85-8543	4.6	2120
KE-85-8544	5.1	1460
KE-85-8545	26.7	10200
KE-85-8546	3.8	2220
KE-85-8547	1.7	240
KE-85-8548	5.9	1350
KE-85-8549	5.8	1220
KE-85-8550	9.8	835
KE-85-8551	6.5	1240
KE-85-8552	50.9	6330
KE-85-8553	6.6	535
KE-85-8554	11.3	2990
KE-85-8555	8.6	2880
KE-85-8556	6.5	2240
KE-85-8557	7.0	1310
KE-85-8558	8.9	2120
KE-85-8559	5.4	635
KE-85-8560	4.1	615
KE-85-8561	5.2	755
KE-85-8562	12.7	750
KE-85-8563	6.3	1360
KE-85-8564	3.1	495
KE-85-8565	3.9	370
KE-85-8566	2.4	410
KE-85-8567	3.0	980
KE-85-8568	2.4	460
KE-85-8569	2.5	650
KE-85-8570	2.1	570
KE-85-8571	1.6	550
KE-85-8572	2.9	650
KE-85-8573	2.8	670
KE-85-8574	4.2	580
KE-85-8575	4.3	3800

SAMPLE	Ag ppm	Au* ppb
KE-85-8576	3.7	940
KE-85-8577	5.1	560
KE-85-8578	3.6	560
KE-85-8579	1.8	515
KE-85-8580	2.4	510
KE-85-8581	1.1	275
KE-85-8582	2.1	1290
KE-85-8583	2.0	290
KE-85-8584	2.1	860
KE-85-8585	2.2	270
KE-85-8586	2.1	340
KE-85-8587	2.3	295
KE-85-8588	1.3	830
KE-85-8589	1.5	890
KE-85-8590	2.1	415
KE-85-8591	1.8	220
KE-85-8592	2.1	210
KE-85-8593	1.7	370
KE-85-8594	2.3	330
KE-85-8595	1.8	310
KE-85-8596	2.5	390
KE-85-8597	2.1	310
KE-85-8598	2.6	260
KE-85-8599	2.4	205
KE-85-8600	2.8	300
KE-85-8601	2.1	265
KE-85-8602	2.5	210
KE-85-8603	2.9	225
KE-85-8604	2.4	205
KE-85-8605	2.2	205
KE-85-8606	2.2	310
KE-85-8607	1.9	235
KE-85-8608	2.1	250
KE-85-8609	2.0	200
KE-85-8610	2.1	210
KE-85-8611	2.3	450

SAMPLE	Ag ppm	Au* ppb
KE-85-8612	1.7	190
KE-85-8613	1.4	210
KE-85-8614	2.1	150
KE-85-8615	1.8	210
KE-85-8616	2.1	190
KE-85-8617	2.2	260
KE-85-8618	1.8	310
KE-85-8619	1.7	230
KE-85-8620	1.6	250
KE-85-8621	2.3	240
KE-85-8622	2.4	250
KE-85-8623	1.7	260
KE-85-8624	1.6	180
KE-85-8625	2.0	160
KE-85-8626	1.7	210
KE-85-8627	2.0	210
KE-85-8628	2.9	150
KE-85-8629	1.4	160
KE-85-8630	15.2	590
KE-85-8631	10.6	500
KE-85-8632	5.8	300
KE-85-8633	3.7	220
KE-85-8634	5.9	270
KE-85-8635	8.6	180
KE-85-8636	5.2	230
KE-85-8637	41.6	550
KE-85-8638	29.8	500
KE-85-8639	43.8	580
KE-85-8640	37.2	505
KE-85-8641	4.8	240
KE-85-8642	4.5	305
KE-85-8643	4.4	230
KE-85-8644	5.6	305
KE-85-8645	3.9	210
KE-85-8646	4.2	270
KE-85-8647	4.1	230

SAMPLE	Ag ppm	Au* ppb
KE-85-8648	4.7	1290
KE-85-8649	4.2	290
KE-85-8650	2.6	190
KE-85-8651	1.8	190
KE-85-8652	1.5	140
KE-85-8653	1.1	125
KE-85-8654	1.2	135
KE-85-8655	1.0	105
KE-85-8656	1.2	80
KE-85-8657	1.7	155
KE-85-8658	1.4	80
KE-85-8659	13.8	635
KE-85-8660	2.3	125
KE-85-8661	3.7	250
KE-85-8662	6.7	290
KE-85-8663	25.8	1380
KE-85-8664	6.6	425
KE-85-8665	4.8	330
KE-85-8666	10.7	365
KE-85-8667	10.4	295
KE-85-8668	9.8	305
KE-85-8669	7.5	265
KE-85-8670	3.7	150
KE-85-8671	1.7	33
KE-85-8672	2.1	60
KE-85-8673	1.8	48
KE-85-8674	1.5	85
KE-85-8675	1.9	50
KE-85-8676	1.8	220
KE-85-8677	1.3	135
KE-85-8678	1.4	155
KE-85-8679	1.9	530
KE-85-8680	2.1	200
KE-85-8681	1.5	135
KE-85-8682	.6	170
KE-85-8683	1.0	125

SAMPLE	Ag ppm	Au* ppb
KE-85-8684	.9	285
KE-85-8685	3.2	505
KE-85-8686	.1	250
KE-85-8687	1.0	270
KE-85-8688	4.7	55
KE-85-8689	.1	50
KE-85-8690	.3	70
KE-85-8691	1.3	60
KE-85-8692	2.5	65
KE-85-8693	1.2	105

OCT 01 1985

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

BRINCO MINING LIMITED
MR. BOB HEWTON
704-602 WEST HASTINGS ST.
VANCOUVER, B.C.
V6B 1P6

→ Kerr - Gordon

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 425-3058 (COMPLETE)

REFERENCE INFO:

CLIENT: BRINCO MINING LIMITED
PROJECT: 7506-51

SUBMITTED BY: R HEWTON
DATE PRINTED: 30-SEP-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIRE ASSAY	3	0.001 OPT		
2	Ag Silver	3	0.01 OPT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	3	2 -150	3	ASSAY PREP	3

REPORT COPIES TO: MR. BOB HEWTON

INVOICE TO: MR. BOB HEWTON

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
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BONDAR-CLEGG

Certificate of Analysis

REPORT: 425-3058

PROJECT: 7506-51

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 78986		0.002	0.12
R2 78987		0.010	0.43
R2 78988		56.556	16.43

→ Kerr Geochem

ACME ANALYTICAL LABORAT...IES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE REC...VED SEPT 17 1985
DATE REPORTS MAILED Sept 20/85

ASSAY CERTIFICATE

SAMPLE TYPE : PULP AND REJECT
AG** AND AU** BY FIRE ASSAY

ASSAYER T. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-2176 R PAGE# 1

SAMPLE	Ag** oz/t	Au** oz/t	
3536	4.24	5.713	(from pulp)
3536	8.09	6.412	(from reject)

Fanu...

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEPT 10 1985
DATE REPORTS MAILED Sept 17/85

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 MLS OF 3:1:2 HCl:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : Ag
SAMPLE TYPE : P1-2 SOILS & PULVERIZED P3-8-80 MESH P9-Rocks
Au* - 10 GM.IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER T. Saundry ...... DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-2299 PAGE# 1

SAMPLE	Ag ppm	Au* ppb
1081(+40)	1.7	235
1082(+40)	1.5	690
1083(+40)	2.5	2480
1084(+40)	3.6	1220
1085(+40)	1.3	150
1086(+40)	2.0	330
1087(+40)	1.1	205
1088(+40)	1.2	90
1089(+40)	1.4	135
1090(+40)	1.3	115
1091(+40)	1.5	90
1092(+40)	1.2	190
1093(+40)	1.6	95
1094(+40)	.8	65
1095(+40)	2.4	240
1096(+40)	1.4	305
1097(+40)	1.8	165
1098(+40)	14.5	635
1099(+40)	1.4	50
1100(+40)	.6	32
034901(+40)	.5	65

SAMPLE	Ag ppm	Au* ppb
1081(-40+80)	2.2	390
1082(-40+80)	1.5	345
1083(-40+80)	2.6	3110
1084(-40+80)	5.9	410
1085(-40+80)	1.7	160
1086(-40+80)	2.7	650
1087(-40+80)	.8	210
1088(-40+80)	1.3	110
1089(-40+80)	1.6	165
1090(-40+80)	1.5	170
1091(-40+80)	2.5	175
1092(-40+80)	1.4	155
1093(-40+80)	2.0	110
1094(-40+80)	1.0	65
1095(-40+80)	3.7	325
1096(-40+80)	1.4	335
1097(-40+80)	2.0	195
1098(-40+80)	18.2	590
1099(-40+80)	2.1	105
1100(-40+80)	.8	60
034901(-40+80)	.5	65

SAMPLE	Ag ppm	Au* ppb
1081(-80+150)	2.9	325
1082(-80+150)	1.8	290
1083(-80+150)	7.2	13200
1084(-80+150)	7.4	595
1085(-80+150)	2.0	240
1086(-80+150)	3.5	930
1087(-80+150)	2.0	295
1088(-80+150)	1.8	125
1089(-80+150)	2.5	245
1090(-80+150)	2.2	180
1091(-80+150)	3.2	195
1092(-80+150)	1.9	265
1093(-80+150)	2.9	155
1094(-80+150)	1.7	105
1095(-80+150)	3.7	315
1096(-80+150)	2.2	370
1097(-80+150)	3.3	280
1098(-80+150)	24.3	990
1099(-80+150)	2.6	75
1100(-80+150)	1.5	1380
034901(-80+150)	1.0	90

SAMPLE	Ag ppm	Au* ppb
1081(-150+200)	3.4	465
1082(-150+200)	2.4	420
1083(-150+200)	10.7	16900
1084(-150+200)	10.4	945
1085(-150+200)	2.8	290
1086(-150+200)	4.0	1210
1087(-150+200)	2.5	280
1088(-150+200)	2.4	300
1089(-150+200)	3.2	290
1090(-150+200)	2.6	270
1091(-150+200)	3.7	240
1092(-150+200)	1.9	215
1093(-150+200)	3.3	170
1094(-150+200)	1.9	130
1095(-150+200)	4.6	470
1096(-150+200)	2.4	570
1097(-150+200)	4.3	480
1098(-150+200)	33.6	2430
1099(-150+200)	2.3	120
1100(-150+200)	1.6	430
034901(-150+200)	.7	110

SAMPLE	Ag ppm	Au* ppb
1081(-200+325)	3.4	440
1082(-200+325)	2.0	430
1083(-200+325)	14.9	24200
1084(-200+325)	12.9	1180
1085(-200+325)	2.3	420
1086(-200+325)	4.7	1010
1087(-200+325)	2.2	610
1088(-200+325)	2.3	220
1089(-200+325)	3.0	460
1090(-200+325)	3.2	300
1091(-200+325)	3.9	250
1092(-200+325)	2.4	300
1093(-200+325)	3.6	230
1094(-200+325)	2.4	240
1095(-200+325)	5.3	740
1096(-200+325)	2.8	790
1097(-200+325)	4.2	510
1098(-200+325)	26.8	1870
1099(-200+325)	2.6	160
1100(-200+325)	2.3	42
034901(-200+325)	.7	250

SAMPLE	Ag ppm	Au* ppb	
1081(-325)	3.3	550	
1082(-325)	2.5	1250	
1083(-325)	11.1	20500	
1084(-325)	12.5	1750	
1085(-325)	3.1	750	
1086(-325)	6.5	-	N.S.S.
1087(-325)	3.3	1050	
1088(-325)	2.6	400	
1089(-325)	3.5	600	
1090(-325)	3.5	500	
1091(-325)	4.0	410	
1092(-325)	2.9	450	
1093(-325)	4.2	600	
1094(-325)	3.3	425	
1095(-325)	6.6	800	
1096(-325)	3.3	850	
1097(-325)	4.9	580	
1098(-325)	35.8	2525	
1099(-325)	3.2	190	
1100(-325)	2.4	-	N.S.S.
034901(-325)	1.4	150	

SAMPLE	Ag ppm	Au* ppb
KE-85-4341	.9	195
KE-85-4342	1.8	430
KE-85-4343	3.1	510
KE-85-4344	1.2	41
KE-85-4345	2.0	35
KE-85-4346	2.0	90
KE-85-4347	1.2	39
KE-85-4348	1.5	175
KE-85-4349	1.0	46
KE-85-4350	1.6	210
KE-85-4351	1.9	75
KE-85-4353	3.4	160
KE-85-4354	2.1	55
KE-85-4356	2.0	11
KE-85-4357	4.3	20
KE-85-4358	.9	9
KE-85-4363	1.0	13
KE-85-4364	1.9	230

SAMPLE	Ag ppm	Au* ppb
034902	8.6	425
034903	6.1	380
034904	5.4	1450
034905	106.2	46500
034906	5.1	860
034907	31.7	980
034908	36.8	7750
034909	18.6	875
034910	9.3	540
034911	5.6	510

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 7 1985

DATE REPORT MAILED: Sept 13/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2267 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
KE-85-1001	-	-	-	6.3	-	-	1790
KE-85-1002	-	-	-	9.9	-	-	3100
KE-85-1003	-	-	-	7.1	-	-	730
KE-85-1004	-	-	-	6.0	-	-	620
KE-85-1005	176	1358	671	7.8	286	19	305
KE-85-1006	-	-	-	9.8	-	-	705
KE-85-1007	-	-	-	2.9	-	-	975
KE-85-1008	-	-	-	2.9	-	-	695
KE-85-1009	-	-	-	2.9	-	-	105
KE-85-1010	143	439	373	4.6	147	2	1110
KE-85-1011	-	-	-	.7	-	-	39
KE-85-1012	-	-	-	.7	-	-	22
KE-85-1013	-	-	-	11.8	-	-	155
KE-85-1014	-	-	-	6.1	-	-	750
KE-85-1015	37	131	20	2.6	242	3	420
KE-85-1016	-	-	-	3.2	-	-	985
KE-85-1017	-	-	-	2.3	-	-	145
KE-85-1018	-	-	-	11.6	-	-	350
KE-85-1019	-	-	-	4.8	-	-	200
KE-85-1020	81	805	191	6.2	259	9	180
KE-85-1021	-	-	-	6.5	-	-	230
KE-85-1022	-	-	-	2.5	-	-	51
KE-85-1023	-	-	-	2.9	-	-	80
KE-85-1024	-	-	-	1.5	-	-	65
KE-85-1025	153	101	96	2.7	209	10	110
KE-85-1026	-	-	-	3.7	-	-	135
KE-85-1027	-	-	-	3.0	-	-	195
KE-85-1028	-	-	-	1.8	-	-	290
KE-85-1029	-	-	-	3.1	-	-	525
KE-85-1030	263	90	242	3.7	90	3	725
KE-85-1031	-	-	-	7.8	-	-	1260
KE-85-1032	-	-	-	4.6	-	-	1420
KE-85-1033	-	-	-	6.0	-	-	5380
KE-85-1034	-	-	-	2.3	-	-	110
KE-85-1035	74	103	194	1.1	64	2	150
STD C/AU-0.5	-	-	-	7.1	-	-	510

BRINCO MINING PROJECT - 7506-51 FILE # 85-2267

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
KE-85-1036	-	-	-	1.6	-	-	60
KE-85-1037	-	-	-	1.2	-	-	90
KE-85-1038	-	-	-	2.4	-	-	140
KE-85-1039	-	-	-	3.1	-	-	55
KE-85-1040	306	307	659	7.0	270	8	680
KE-85-1041	-	-	-	18.8	-	-	1500
KE-85-1042	-	-	-	1.6	-	-	155
KE-85-1043	-	-	-	1.4	-	-	55
KE-85-1044	-	-	-	.8	-	-	65
KE-85-1045	346	279	587	5.0	265	31	750
KE-85-1046	-	-	-	1.8	-	-	110
KE-85-1047	-	-	-	2.1	-	-	140
KE-85-1048	-	-	-	1.5	-	-	55
KE-85-1049	-	-	-	2.2	-	-	65
KE-85-1050	77	180	242	1.3	94	2	50
KE-85-1051	-	-	-	2.1	-	-	280
KE-85-1052	-	-	-	1.5	-	-	50
KE-85-1053	-	-	-	4.8	-	-	130
KE-85-1054	-	-	-	1.7	-	-	110
KE-85-1055	180	12	51	.1	16	2	38
KE-85-1056	-	-	-	.1	-	-	60
KE-85-1057	-	-	-	.3	-	-	60
KE-85-1058	-	-	-	.2	-	-	50
KE-85-1059	-	-	-	.4	-	-	27
KE-85-1060	62	31	59	.1	427	2	65
KE-85-1061	-	-	-	.2	-	-	70
KE-85-1062	-	-	-	.1	-	-	70
KE-85-1063	-	-	-	.5	-	-	90
KE-85-1064	-	-	-	1.4	-	-	205
KE-85-1065	569	22	126	2.3	18	2	430
KE-85-1066	-	-	-	.2	-	-	60
KE-85-1067	-	-	-	.6	-	-	70
KE-85-1068	-	-	-	.1	-	-	125
KE-85-1069	-	-	-	.1	-	-	48
KE-85-1070	209	19	115	.2	14	2	100
STD C/AU-0.5	-	-	-	6.9	-	-	480

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
KE-85-1071	-	-	-	.1	-	-	65
KE-85-1072	-	-	-	.8	-	-	95
KE-85-1073	-	-	-	3.3	-	-	510
KE-85-1074	-	-	-	4.1	-	-	490
KE-85-1075	1138	32	98	3.1	67	2	160
KE-85-1076	-	-	-	6.4	-	-	640
KE-85-1077	-	-	-	30.3	-	-	190
KE-85-1078	-	-	-	4.2	-	-	205
KE-85-1079	-	-	-	6.3	-	-	305
KE-85-1080	252	71	4	12.5	57	62	215
KE-85-3545	-	-	-	2.0	-	-	140
KE-85-3546	-	-	-	5.3	-	-	660
KE-85-3547	-	-	-	7.3	-	-	810
KE-85-3548	-	-	-	1.8	-	-	115
KE-85-3549	207	1240	6407	4.8	52	2	135
KE-85-3550	-	-	-	7.2	-	-	1270
STD C/AU-0.5	-	-	-	7.0	-	-	490

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:(604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEPT 9 1985
DATE REPORTS MAILED Sept. 12/85

ASSAY CERTIFICATE

SAMPLE TYPE : PULP
AG** AND AU** BY FIRE ASSAY

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-2176 R PAGE# 1

SAMPLE	Ag** oz/t	Au** oz/t
3536	4.62	5.160

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 3 1985

DATE REPORT MAILED: Sept. 7/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT-7506-51 FILE # 85-2176 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
3535	82	83	247	2.0	103	8	550
3536	181	362	1372	114.1 ✓	60	2	186000 ✓
3537	74	122	241	3.5	47	2	490
3538	132	223	597	2.8	94	2	190
3539	61	221	115	12.2	192	38	3630
3540	117	343	476	4.7	147	5	365
3541	75	451	278	3.0	110	2	260
3542	216	391	658	7.7	398	9	340
3543	160	297	348	2.3	71	2	105
3544	66	86	303	.7	40	2	60
STD C/AU-0.5	60	41	133	6.9	40	18	490

✓ Assay required for correct result

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 3 1985

DATE REPORT MAILED: Sept. 7/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT-7506-51 FILE # 85-2176 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
3535	82	83	247	2.0	103	8	550
3536	181	362	1372	114.1 ✓	60	2	186000 ✓
3537	74	122	241	3.5	47	2	490
3538	132	223	597	2.8	94	2	190
3539	61	221	115	12.2	192	38	3630
3540	117	343	476	4.7	147	5	365
3541	75	451	278	3.0	110	2	260
3542	216	391	658	7.7	398	9	340
3543	160	297	348	2.3	71	2	105
3544	66	86	303	.7	40	2	60
STD C/AU-0.5	60	41	133	6.9	40	18	490

✓ Assay required for correct result

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 3 1985

DATE REPORT MAILED: Sept. 6/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry ..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2175

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
3502	47	-	-	2.4	-	-	1650
3503	115	-	-	3.7	-	-	250
3504	129	-	-	2.9	-	-	190
3505	289	-	-	4.9	-	-	220
3506	253	225	614	6.4	63	2	275
3507	226	-	-	6.7	-	-	240
3508	94	-	-	2.7	-	-	395
3509	199	-	-	4.4	-	-	2550
3510	234	-	-	6.2	-	-	1350
3511	92	200	325	3.7	192	8	2650
3512	7369	-	-	48.0	-	-	10100
3513	150	-	-	2.7	-	-	270
3514	154	-	-	2.8	-	-	240
3515	174	-	-	2.2	-	-	175
3516	293	128	670	3.0	189	28	315
3517	248	-	-	8.6	-	-	620
3518	140	-	-	3.3	-	-	170
3519	161	-	-	7.2	-	-	305
3520	107	-	-	2.6	-	-	75
3521	119	221	713	3.7	43	2	140
3522	133	-	-	1.8	-	-	58
3523	174	-	-	1.4	-	-	60
3524	252	-	-	2.2	-	-	125
3525	146	-	-	1.1	-	-	60
3526	156	382	524	7.2	204	21	4450
3527	83	-	-	4.7	-	-	3660
3528	176	-	-	2.8	-	-	2050
3529	127	-	-	2.0	-	-	110
3530	111	-	-	.8	-	-	75
3531	2558	359	524	37.4	1648	466	4010
3532	117	-	-	4.5	-	-	5350
3533	156	-	-	4.1	-	-	5010
3534	106	-	-	4.0	-	-	1200
STD C/AU-0.5	59	-	-	7.1	-	-	510

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: SEPT 3 1985
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Sept 6/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2174 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
1331	-	-	-	3.1	-	-	170
1332	-	-	-	4.1	-	-	270
1333	-	-	-	4.4	-	-	650
1334	-	-	-	4.0	-	-	205
1335	498	20	42	3.1	17	2	205
1336	-	-	-	2.1	-	-	95
1337	-	-	-	.8	-	-	60
1338	-	-	-	2.2	-	-	215
1339	-	-	-	1.4	-	-	145
1340	254	75	62	.6	43	2	150
1341	-	-	-	1.6	-	-	160
1342	-	-	-	.8	-	-	190
1343	-	-	-	.6	-	-	85
1344	-	-	-	.6	-	-	90
1345	122	101	9	1.0	32	5	70
1346	-	-	-	1.0	-	-	155
1347	-	-	-	1.4	-	-	70
1348	-	-	-	1.5	-	-	225
1349	-	-	-	2.0	-	-	195
1350	263	124	109	13.8	119	4	320
1446	-	-	-	3.2	-	-	350
1447	-	-	-	9.2	-	-	185
1448	-	-	-	4.6	-	-	365
1449	-	-	-	3.2	-	-	405
1450	302	37	55	2.9	131	2	315
3664	-	-	-	8.0	-	-	230
3665	-	-	-	1.9	-	-	145
3666	-	-	-	1.5	-	-	80
3667	-	-	-	2.0	-	-	215
3668	940	56	83	2.7	61	3	385
3669	-	-	-	2.0	-	-	355
3670	-	-	-	2.1	-	-	240
3671	-	-	-	2.5	-	-	195
3672	-	-	-	2.8	-	-	270
3673	202	28	51	1.8	35	2	180
3674	-	-	-	2.4	-	-	405
STD C/AU-0.5	-	-	-	7.1	-	-	490

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
3675	-	-	-	3.3	-	-	440
3676	-	-	-	1.1	-	-	95
3677	-	-	-	.6	-	-	60
3678	125	18	15	1.5	18	2	105
3679	-	-	-	1.0	-	-	195
3680	-	-	-	1.5	-	-	230
3681	-	-	-	2.5	-	-	220
3682	-	-	-	1.6	-	-	130
3683	250	42	56	1.1	150	2	150
3684	-	-	-	2.1	-	-	1210 ✓
3685	-	-	-	1.0	-	-	130
3686	-	-	-	3.7	-	-	405
3687	-	-	-	2.0	-	-	395
3688	893	47	27	1.4	89	2	240
3689	-	-	-	3.2	-	-	275
3690	-	-	-	1.3	-	-	220
3691	-	-	-	.6	-	-	155
3692	-	-	-	1.9	-	-	5400 ✓
3693	203	30	13	.8	71	2	110
3694	-	-	-	.6	-	-	42
3695	-	-	-	2.1	-	-	95
3696	-	-	-	.6	-	-	110
3697	-	-	-	.7	-	-	390
3698	325	28	21	.5	47	2	90
3699	-	-	-	.2	-	-	70
3700	-	-	-	.1	-	-	3
3501	-	-	-	.1	-	-	2
STD C/AU-0.5	-	-	-	7.2	-	-	480

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED AUG 28 1985
DATE REPORTS MAILED Aug 31/85

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 MLS OF 3:1:2 HCl:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : Cu Pb Zn Ag As Sb
SAMPLE TYPE : P1-ROCKS P2-SOIL -80 MESH
Au* - 10 GM,IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-2090 PAGE# 1

SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au* ppb
1431	-	-	-	13.1	-	-	1900
1432	-	-	-	2.1	-	-	150
1433	-	-	-	1.1	-	-	165
1434	-	-	-	.5	-	-	65
1435	105	19	47	1.0	51	5	80
1436	-	-	-	1.2	-	-	125
1437	-	-	-	1.2	-	-	245
1438	-	-	-	1.0	-	-	110
1439	-	-	-	.7	-	-	155
1440	79	25	38	.7	183	4	140
1441	-	-	-	.5	-	-	165
1442	-	-	-	1.3	-	-	690
1443	-	-	-	1.0	-	-	190
1444	-	-	-	1.3	-	-	230
1445	556	29	90	1.8	521	6	630

Kerr Geochem

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 22 1985

DATE REPORT MAILED: Aug 26/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-3 ROCKS P4-TALUS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2015 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
1351	-	-	-	1.0	-	-	9
1352	-	-	-	.7	-	-	3
1353	-	-	-	4.2	-	-	170
1354	-	-	-	.7	-	-	60
1355	153	46	133	.3	25	2	65
1356	-	-	-	4.8	-	-	180
1357	-	-	-	.7	-	-	110
1358	-	-	-	.2	-	-	60
1359	-	-	-	.3	-	-	65
1360	126	49	75	1.3	10871	403	1410
1361	-	-	-	1.2	-	-	105
1362	-	-	-	.5	-	-	65
1363	-	-	-	.4	-	-	470
1364	-	-	-	1.5	-	-	75
1365	486	14	31	3.3	302	6	115
1366	-	-	-	4.0	-	-	115
1367	-	-	-	2.5	-	-	410
1368	-	-	-	3.9	-	-	160
1369	-	-	-	154.1	-	-	2360
1370	472	696	48	80.4	1007	267	1820
1371	-	-	-	9.6	-	-	280
1372	-	-	-	8.0	-	-	315
1373	-	-	-	6.0	-	-	2660
1374	-	-	-	3.9	-	-	115
1375	1282	51	104	2.2	276	14	75
1376	-	-	-	1.6	-	-	50
1377	-	-	-	19.1	-	-	750
1378	-	-	-	3.0	-	-	1510
1379	-	-	-	1.4	-	-	80
1380	281	101	57	1.6	2149	71	165
1381	-	-	-	1.4	-	-	115
1382	-	-	-	.3	-	-	110
1383	-	-	-	.7	-	-	75
1384	-	-	-	.4	-	-	60
1385	74	30	38	.7	85	5	125
1386	-	-	-	.4	-	-	145
STD C/AU-0.5	-	-	-	6.9	-	-	500

BRINCO MINING   PROJECT - 7506-51   FILE # 85-2015   PAGE 2

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
1387	-	-	-	.2	-	-	70
1388	-	-	-	.3	-	-	90
1389	-	-	-	.8	-	-	265
1390	52	301	68	1.4	473	3	225
1391	-	-	-	.4	-	-	65
1392	-	-	-	.3	-	-	290
1393	-	-	-	.4	-	-	115
1394	-	-	-	1.1	-	-	165
1395	466	6	51	.7	20	2	240
1396	-	-	-	.4	-	-	55
1397	-	-	-	.4	-	-	115
1398	-	-	-	.2	-	-	27
1399	-	-	-	.1	-	-	8
1400	501	12	45	.3	23	2	75
1401	-	-	-	.1	-	-	21
1402	-	-	-	.1	-	-	12
1403	-	-	-	4.4	-	-	70
1404	-	-	-	.1	-	-	24
1405	290	24	219	.2	14	2	115
1406	-	-	-	.3	-	-	120
1407	-	-	-	.5	-	-	155
1408	-	-	-	.8	-	-	50
1409	-	-	-	.4	-	-	15
1410	135	16	144	.5	99	10	24
1411	-	-	-	.2	-	-	47
1412	-	-	-	2.5	-	-	125
1413	-	-	-	.9	-	-	95
1414	-	-	-	43.9	-	-	825
1415	231	40	85	14.1	102	10	760
1416	-	-	-	5.2	-	-	115
1417	-	-	-	4.8	-	-	985
1418	-	-	-	.5	-	-	125
1419	-	-	-	1.5	-	-	475
1420	96	18	194	.9	43	2	185
1421	-	-	-	.4	-	-	115
1422	-	-	-	.4	-	-	150
STD C/AU-0.5	-	-	-	7.0	-	-	480

BRINCO MINING   PROJECT - 7506-51   FILE # 85-2015

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
1423	-	-	-	.2	-	-	50
1424	-	-	-	.5	-	-	150
1425	-	-	-	23.4	-	-	640
1426	-	-	-	16.1	-	-	220
1427	-	-	-	2.2	-	-	70
1428	-	-	-	1.4	-	-	105
1429	-	-	-	2.0	-	-	160
1430	351	13	84	1.4	15	33	115

BRINCO MINING PROJECT - 7506-51 FILE # 85-2015 PAGE 4

SAMPLE#	Ag PPM	Au* PPB
KE-85-0372	4.0	150
KE-85-0373	5.9	335

Kerr Geochem

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: AUG 22 1985
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Aug. 26/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 SOILS -80 MESH P3-ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-2002 PAGE 1

SAMPLE#	Ag PPM	Au* PPB
KE-85-0273	1.9	190
KE-85-0274	4.4	340
KE-85-0275	1.5	60
KE-85-0277	2.2	195
KE-85-0279	1.8	180
KE-85-0282	.6	8
KE-85-0291	.5	40
KE-85-4234	1.0	6
KE-85-4235	2.0	30
KE-85-4236	1.9	110
KE-85-4237	.9	22
KE-85-4238	1.0	85
KE-85-4239	.9	50
KE-85-4240	1.6	50
KE-85-4241	1.8	65
KE-85-4242	2.2	330
KE-85-4243	.9	850
KE-85-4244	1.1	120
KE-85-4245	1.9	250
KE-85-4246	2.0	270
KE-85-4247	1.4	400
KE-85-4248	2.2	740
KE-85-4249	5.1	555
KE-85-4250	1.7	270
KE-85-4251	2.2	290
KE-85-4252	.6	20
KE-85-4253	.6	26
KE-85-4254	.2	46
KE-85-4255	.9	15
KE-85-4256	.2	5
KE-85-4257	1.1	160
KE-85-4258	.2	60
KE-85-4259	1.6	215
KE-85-4260	.7	60
KE-85-4261	1.6	80
KE-85-4262	1.1	170
STD C/AU 0.5	7.0	475

BRINCO MINING   PROJECT - 7506-51   FILE # 85-2002

SAMPLE#	Ag PPM	Au* PPB
KE-85-4263	2.5	515
KE-85-4264	1.3	120
KE-85-4265	4.5	630
KE-85-4266	1.0	225
KE-85-4267	5.8	395
KE-85-4268	5.1	435
KE-85-4269	1.5	220
KE-85-4270	1.4	185
KE-85-4271	2.3	260
KE-85-4272	4.0	970
KE-85-4273	.5	75
KE-85-4274	1.2	420
KE-85-4275	.6	10
KE-85-4276	.3	7
KE-85-4277	.7	16
KE-85-4278	.6	6
STD C/AU 0.5	6.9	485

BRINCO MINING   PROJECT - 7506-51   FILE # 85-2002

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
3662	169	34	114	.8	29	2	55
3663	83	23	361	.9	72	2	23

Kerr Geoche

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 15 1985

DATE REPORT MAILED: Aug 21/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: TALUS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. P = Pulverized
P. 3-5 soils
P. 6 Rock

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO PROJECT - 7506-51 FILE # 85-1885 PAGE 1

SAMPLE#	Ag PPM	Au* PPB
KE-85-0194	2.9	275
KE-85-0195	3.5	310
KE-85-0196	3.4	275
KE-85-0197	3.0	230
KE-85-0198	3.0	170
KE-85-0199	4.6	225
KE-85-0200	4.1	160
KE-85-0201	1.9	135
KE-85-0202	3.7	250
KE-85-0203	2.2	290
KE-85-0204	1.7	595
KE-85-0205	2.7	340
KE-85-0206	2.0	290
KE-85-0207	2.0	355
KE-85-0208	2.0	340
KE-85-0209	1.4	230
KE-85-0210	2.0	270
KE-85-0211	2.1	315
KE-85-0212	2.0	285
KE-85-0213	1.9	330
KE-85-0214	1.7	290
KE-85-0215	1.0	180
KE-85-0216	1.4	375
KE-85-0217	2.5	445
KE-85-0218	1.4	590
KE-85-0219	1.6	665
KE-85-0220	1.2	745
KE-85-0221	1.0	435
KE-85-0222	1.2	505
KE-85-0223	.9	690
KE-85-0224	3.1	590
KE-85-0225	2.0	355
KE-85-0226	3.0	415
KE-85-0227	2.3	490
KE-85-0228	2.6	740
KE-85-0229	3.4	490
STD C/AU-0.5	7.0	500

SAMPLE#	Ag PPM	Au* PPB
KE-85-0230 P	2.4	2850
KE-85-0231 P	.9	165
KE-85-0232 P	.8	90
KE-85-0233 P	.6	110
KE-85-0234 P	.3	140
KE-85-0235 P	.5	60
KE-85-0236 P	.1	41
KE-85-0237 P	.3	53
KE-85-0238 P	.6	60
KE-85-0239 P	1.0	260
KE-85-0240 P	.4	460
KE-85-0241 P	.4	75
STD C/AU 0.5	7.0	490

SAMPLE#	Ag PPM	Au* PPB
KE-85-0183	4.4	730
KE-85-0246	2.3	440
KE-85-0247	2.3	280
KE-85-0248	2.9	200
KE-85-0250	5.1	650
KE-85-0253	4.7	130
KE-85-0261	1.5	200
KE-85-0263	.1	25
KE-85-2222	.7	130
KE-85-2223	.4	100
KE-85-2225	11.0	1500
KE-85-4137	.6	95
KE-85-4138	.3	85
KE-85-4139	.7	215
KE-85-4140	.1	55
KE-85-4141	.8	190
KE-85-4142	.4	940
KE-85-4143	.4	135
KE-85-4144	1.6	215
KE-85-4145	.1	95
KE-85-4146	1.3	235
KE-85-4147	1.1	25
KE-85-4148	.9	60
KE-85-4149	.1	16
KE-85-4150	1.7	30
KE-85-4151	.1	11
KE-85-4152	1.9	15
KE-85-4153	.1	120
KE-85-4154	.8	23
KE-85-4155	.1	80
KE-85-4156	.7	27
KE-85-4157	.1	155
KE-85-4158	1.3	135
KE-85-4159	3.7	115
KE-85-4160	1.5	710
KE-85-4161	1.8	280
STD C/AU-0.5	7.1	480

SAMPLE#	Ag PPM	Au* PPB
KE-85-4162	2.0	255
KE-85-4163	3.0	345
KE-85-4164	11.8	880
KE-85-4165	4.7	265
KE-85-4166	6.1	190
KE-85-4167	2.2	160
KE-85-4168	7.0	280
KE-85-4169	4.1	170
KE-85-4170	1.2	100
KE-85-4171	1.0	100
KE-85-4172	.8	75
KE-85-4173	.8	650
KE-85-4174	1.9	370
KE-85-4175	4.9	140
KE-85-4176	1.6	160
KE-85-4177	.6	85
KE-85-4178	1.2	140
KE-85-4179	.5	350
KE-85-4180	1.0	130
KE-85-4181	2.8	430
KE-85-4182	.4	21
KE-85-4183	.8	36
KE-85-4184	2.8	29
KE-85-4185	1.2	12
KE-85-4186	1.0	39
KE-85-4187	.4	12
KE-85-4188	.7	29
KE-85-4189	.1	23
KE-85-4190	1.4	4
KE-85-4191	.6	2
KE-85-4192	.1	3
KE-85-4193	1.5	38
KE-85-4194	.3	565
KE-85-4195	.1	11
KE-85-4196	.1	14
KE-85-4197	.9	100
STD C/AU 0.5	6.9	500

SAMPLE#	Ag PPM	Au* PPB
KE-85-4198	2.1	31
KE-85-4199	.6	30
KE-85-4200	.9	90
KE-85-4201	2.0	305
KE-85-4202	.8	300
KE-85-4203	.7	32
KE-85-4204	1.5	28
KE-85-4205	.4	15
KE-85-4206	.3	140
KE-85-4207	.4	21
KE-85-4208	.5	9
KE-85-4209	.6	23
KE-85-4210	1.0	28
KE-85-4211	.4	49
KE-85-4212	1.5	26
KE-85-4213	1.8	380
KE-85-4214	10.3	650
KE-85-4215	.1	16
KE-85-4216	.4	14
KE-85-4217	.8	23
KE-85-4218	.1	18
KE-85-4219	1.1	30
KE-85-4220	1.1	33
KE-85-4221	2.2	75
KE-85-4222	7.2	865
KE-85-4223	1.5	420
KE-85-4224	3.6	350
KE-85-4225	2.5	290
KE-85-4226	2.0	255
KE-85-4227	2.0	950
KE-85-4228	2.5	290
KE-85-4229	6.4	790
KE-85-4230	3.7	360
KE-85-4231	1.8	145
KE-85-4232	2.7	230
KE-85-4233	4.0	705
STD C/AU-0.5	7.0	510

BRINCO MINING   PROJECT - 7506-51   FILE # 85-1885

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
KE-85-3647	121	11	46	.7	26	2	90
KE-85-3648	1094	9	214	.1	10	2	3
KE-85-3649	25	4	37	.1	13	2	7
KE-85-3650	226	5	39	.1	21	2	19
KE-85-3651	155	12	214	1.5	19	3	55
KE-85-3652	11	64	17	3.6	114	7	390
KE-85-3653	173	13	36	.9	7	2	52
KE-85-3654	252	9	65	.2	10	3	14
KE-85-3655	119	42	326	1.1	10	2	21
KE-85-3656	357	55	269	5.2	56	2	130
KE-85-3657	10	12	66	.3	14	2	3
KE-85-3658	250	9	8	.2	2	2	180
KE-85-3660	28	43	77	.7	39	6	20
KE-85-3661	780	23	145	.9	27	3	36
STD C/AU 0.5	61	40	130	6.9	40	19	480

AUG - 9 1985

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED AUG 1 1985
DATE REPORTS MAILED Aug 7/85

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 MLS OF 3:1:2 HCl:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : Ag
SAMPLE TYPE : TALUS AND SOILS -80 MESH P11-ROCKS
Au* - 10 GM,IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER T. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-1699 PAGE# 1

SAMPLE	Ag ppm	Au* ppb
KE-85-2004	4.2	555
KE-85-2005	6.1	990
KE-85-2006	6.6	860
KE-85-2007	4.4	650
KE-85-2008	3.0	675
KE-85-2009	3.6	610
KE-85-2010	5.8	925
KE-85-2011	4.2	1010
KE-85-2012	21.8	2710
KE-85-2013	6.4	1020
KE-85-2014	4.6	1280
KE-85-2015	4.3	740
KE-85-2016	6.0	895
KE-85-2017	1.9	385
KE-85-2018	1.6	610
KE-85-2019	1.4	1050
KE-85-2020	1.7	470
KE-85-2021	2.1	430
KE-85-2022	1.8	420
KE-85-2023	1.2	250
KE-85-2024	1.6	230
KE-85-2025	2.0	1780
KE-85-2026	2.8	610
KE-85-2027	26.1	960
KE-85-2028	4.5	610
KE-85-2029	2.4	860
KE-85-2030	2.0	405
KE-85-2031	2.2	1750
KE-85-2032	1.2	320
KE-85-2033	1.5	395
KE-85-2034	1.8	545
KE-85-2035	1.1	360
KE-85-2036	1.4	565
KE-85-2037	4.8	1420
KE-85-2038	2.9	640
KE-85-2039	2.7	985

SAMPLE	Ag ppm	Au* ppb
KE-85-2076	3.4	150
KE-85-2077	7.4	160
KE-85-2078	4.1	180
KE-85-2079	3.6	100
KE-85-2080	3.0	160
KE-85-2081	3.1	215
KE-85-2082	4.2	265
KE-85-2083	2.5	140
KE-85-2084	1.5	120
KE-85-2085	2.6	190
KE-85-2086	2.6	175
KE-85-2087	2.1	90
KE-85-2088	1.3	85
KE-85-2089	1.5	90
KE-85-2090	1.1	160
KE-85-2091	1.3	80
KE-85-2092	1.0	100
KE-85-2093	1.5	40
KE-85-2094	.8	42
KE-85-2095	.8	80
KE-85-2096	.4	50
KE-85-2097	.9	225
KE-85-2098	.7	80
KE-85-2099	.8	60
KE-85-2100	.9	95
KE-85-2101	.9	95
KE-85-2102	.4	40
KE-85-2103	1.2	80
KE-85-2104	.3	38
KE-85-2105	.3	35
KE-85-2106	.2	20
KE-85-2107	.2	38
KE-85-2108	.5	14
KE-85-2109	.8	18
KE-85-2110	1.1	28
KE-85-2111	.5	25

SAMPLE	Ag ppm	Au* ppb
KE-85-2112	.7	21
KE-85-2113	.8	22
KE-85-2114	.8	34
KE-85-2115	1.0	33
KE-85-2116	1.0	27
KE-85-2117	1.1	29
KE-85-2118	.4	22
KE-85-2119	3.7	355
KE-85-2120	2.3	425
KE-85-2121	2.7	340
KE-85-2122	2.7	350
KE-85-2123	3.3	530
KE-85-2124	3.1	470
KE-85-2125	1.6	440
KE-85-2126	1.8	285
KE-85-2127	1.0	350
KE-85-2128	1.3	300
KE-85-2129	1.1	345
KE-85-2130	.5	205
KE-85-2131	.7	175
KE-85-2132	1.1	140
KE-85-2133	2.2	320
KE-85-2134	2.1	365
KE-85-2135	2.9	370
KE-85-2136	4.0	560
KE-85-2137	2.6	1950
KE-85-2138	2.7	400
KE-85-2139	2.6	475
KE-85-2140	2.5	515
KE-85-2141	3.6	700
KE-85-2142	3.3	525
KE-85-2143	3.1	660
KE-85-2144	2.9	715
KE-85-2145	4.6	560
KE-85-2146	4.1	405
KE-85-2147	4.7	1900

SAMPLE#	Ag PPM	Au* PPB
KE-85-2148	14.6	7010
KE-85-2149	5.4	705
KE-85-2150	3.9	510
KE-85-2151	6.7	1560
KE-85-2152	9.0	3690
KE-85-2153	11.9	4850
KE-85-2154	6.9	1100
KE-85-2155	5.6	810
KE-85-2156	24.3	505
KE-85-2157	13.8	270
KE-85-2158	13.2	275
KE-85-2159	4.7	265
KE-85-2160	1.3	150
KE-85-2161	9.2	1510
KE-85-2162	.3	75
KE-85-2163	.6	60
KE-85-2164	1.5	140
KE-85-2165	.5	50
KE-85-2166	4.8	560
KE-85-2167	6.8	315
KE-85-2168	3.2	160
KE-85-2169	1.7	110
KE-85-2170	2.8	90
KE-85-2171	2.0	105
KE-85-2172	1.4	55
KE-85-2173	5.7	130
KE-85-2174	1.0	55
KE-85-2175	.1	33
KE-85-2176	.2	80
KE-85-2177	.4	70
KE-85-2178	.5	215
KE-85-2179	.5	60
KE-85-2180	.2	32
KE-85-2181	.3	28
KE-85-2182	.6	30
KE-85-2183	.6	13
STD C/AU-0.5	7.2	490

SAMPLE	Ag ppm	Au* ppb
KE-85-2184	1.0	16
KE-85-2185	.7	26
KE-85-2186	.7	90
KE-85-2187	.6	55
KE-85-2188	.4	40
KE-85-2189	.8	40
KE-85-2190	1.0	38
KE-85-2191	.6	24
KE-85-2192	1.7	70
KE-85-2193	1.2	22
KE-85-2194	.9	25
KE-85-2195	.4	23
KE-85-2196	.3	22
KE-85-0020	4.0	480
KE-85-0021	72.8	8000
KE-85-0022	74.2	2950
KE-85-0023	4.3	1200
KE-85-0024	5.1	1350
KE-85-0025	32.8	1900
KE-85-0026	52.0	2600
KE-85-0027	23.6	1700
KE-85-0028	2.8	1300
KE-85-0029	2.3	490
KE-85-0030	1.5	290
KE-85-0031	1.9	830
KE-85-0032	1.5	1500
KE-85-0033	1.8	420
KE-85-0034	.9	270
KE-85-0035	1.2	410
KE-85-0036	2.3	690
KE-85-0037	22.4	1450
KE-85-0038	7.2	1250
KE-85-0039	4.5	1700
KE-85-0040	2.6	940
KE-85-0041	6.3	1300
KE-85-0042	5.0	1750

SAMPLE	Ag ppm	Au** ppb
KE-85-0043	5.3	1900
KE-85-0044	5.3	2850
KE-85-0045	4.0	1850
KE-85-0046	2.8	1750
KE-85-0047	2.4	825
KE-85-0048	3.0	735
KE-85-0049	1.9	455
KE-85-0050	1.6	660
KE-85-0051	2.3	300
KE-85-0052	2.6	400
KE-85-0053	2.5	695
KE-85-0054	2.4	970
KE-85-0055	1.7	840
KE-85-0056	1.5	630
KE-85-0057	1.6	620
KE-85-0058	3.0	560
KE-85-0059	2.6	550
KE-85-0060	2.5	440
KE-85-0061	2.5	1850
KE-85-0062	2.1	550
KE-85-0063	2.6	505
KE-85-0064	1.5	370
KE-85-0065	1.5	320
KE-85-0066	1.4	400
KE-85-0067	1.8	180
KE-85-0068	1.5	250
KE-85-0069	1.4	320
KE-85-0070	2.3	470
KE-85-0071	1.7	150
KE-85-0072	3.9	235
KE-85-0073	3.8	495
KE-85-0074	4.2	435
KE-85-0075	4.3	460
KE-85-0076	3.4	505
KE-85-0077	2.5	710
KE-85-0078	5.2	1700

SAMPLE	Ag ppm	Au* ppb
KE-85-0079	4.5	450
KE-85-0080	7.1	395
KE-85-0081	3.4	340
KE-85-0082	2.8	320
KE-85-0083	3.8	340
KE-85-0084	3.4	480
KE-85-0085	2.3	470
KE-85-0086	3.1	550
KE-85-0087	4.7	500
KE-85-0088	2.9	400
KE-85-0089	4.0	550
KE-85-0090	2.9	210
KE-85-0091	2.2	80
KE-85-0092	2.7	250
KE-85-0093	4.5	780
KE-85-0094	2.8	290
KE-85-0095	2.9	150
KE-85-0096	1.2	95
KE-85-0097	.7	60
KE-85-0098	.7	90
KE-85-0099	1.3	130
KE-85-0100	1.2	70
KE-85-0101	.6	24
KE-85-0102	.4	28
KE-85-0103	1.0	85
KE-85-0104	.4	90
KE-85-0105	1.4	240
KE-85-0106	1.7	265
KE-85-0107	.8	195
KE-85-0108	.8	130
KE-85-0109	.6	320
KE-85-0110	1.6	685
KE-85-0111	1.5	205
KE-85-0112	2.0	240
KE-85-0113	2.3	220
KE-85-0114	1.3	315

SAMPLE	Ag ppm	Au* ppb
KE-85-0115	1.2	55
KE-85-0116	1.5	95
KE-85-0117	1.0	120
KE-85-0118	.5	120
KE-85-4002	.7	14
KE-85-4003	.8	60
KE-85-4004	.1	21
KE-85-4005	2.3	8
KE-85-4006	.9	32
KE-85-4007	1.2	5
KE-85-4008	.8	29
KE-85-4009	4.6	32
KE-85-4010	2.2	14
KE-85-4011	1.3	18
KE-85-4012	1.2	60
KE-85-4013	3.4	55
KE-85-4014	2.0	220
KE-85-4015	.3	12
KE-85-4016	1.3	280
KE-85-4017	1.8	265
KE-85-4018	3.8	460
KE-85-4019	5.9	385
KE-85-4020	1.3	100
KE-85-4021	12.5	350
KE-85-4022	5.0	180
KE-85-4023	4.6	870
KE-85-4024	.6	22
KE-85-4025	.9	30
KE-85-4026	.1	4
KE-85-4027	.3	18
KE-85-4028	.8	14
KE-85-4029	.3	10
KE-85-4030	.3	32
KE-85-4031	.8	25
KE-85-4032	.3	15
KE-85-4033	.8	45

SAMPLE#	Ag PPM	Au* PPB
KE-85-4034	.3	25
KE-85-4035	1.0	155
KE-85-4036	1.5	60
KE-85-4037	.6	31
KE-85-4038	1.9	220
KE-85-4039	1.4	375
KE-85-4040	.5	55
KE-85-4041	1.1	27

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM	Au* PPB
3614	103	18	21	.4	232	3	1	125
3615	502	24	102	.1	155	44	1	505
3616	330	11	54	.4	111	14	1	135
3617	49	7	267	.1	9	2	1	6
3618	73	45	5311	1.1	83	2	1	22
3619	134	25	633	1.0	12	2	1	70
3620	68	22	90	.6	63	18	1	11
3621	1724	38	75	.1	147	111	1	810
3622	53	6	18	.3	12	2	1	125
3623	32	8	11	.4	5	2	1	75

Rock Samples

AUG - 7 1985

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JULY 31 1985

DATE REPORTS MAILED Aug 6/85

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 MLS OF 3:1:2 HCl:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : Ag
SAMPLE TYPE : P1-2 ROCKS P3 SOILS -80 MESH
Au* - 10 GM, IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT 7506-51 FILE# 85-1663

SAMPLE	Ag ppm	Au* ppb
3598	1.4	210
3599	1.0	170
3600	.6	130
3601	.6	135
3602	1.3	145
3604	.7	150
3605	.7	275
3607	.6	195
3608	.4	105
3610	.6	135

Trench 2

BRINCO MINING   PROJECT - 7506-51   FILE # 85-1663   PAGE 2

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM	Au* PPB
3597	122	18	48	.6	123	12	1	150
3603	101	23	31	2.5	41	10	1	510
3606	83	16	9	1.0	47	13	1	265
3609	73	11	7	.4	15	2	1	180
3611	270	83	376	2.4	23	3	1	250
3612	1327	22	73	4.9	179	92	1	570
3613	142	11	9	1.7	1092	2	1	115
STD C/AU-0.5	59	40	137	6.9	37	15	11	520

Rocks

BRINCO MINING PROJECT - 7506-51 FILE # 85-1663

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM	Au* PPB
KE-85-0018	91	126	75	2.2	90	25	1	675
KE-85-0019	283	173	216	3.3	252	33	1	530
KE-85-2003	378	128	100	1.2	1393	18	1	410
KE-85-6001	549	54	186	3.3	206	39	1	17
KE-85-6002	44	50	77	.2	181	13	1	495
KE-85-6003	45	26	69	.5	85	10	1	29
KE-85-6004	73	32	72	.3	82	12	1	14
KE-85-6005	153	42	168	.9	195	15	1	90
KE-85-6006	58	32	79	.5	79	13	1	15
KE-85-6007	117	35	114	.6	109	11	1	24
KE-85-6008	168	107	228	1.5	126	13	1	25
KE-85-6009	162	166	442	1.3	169	12	1	65
KE-85-6010	244	59	112	1.0	117	12	1	120
KE-85-6011	441	99	213	.8	171	11	1	325
KE-85-6012	51	86	13	1.3	117	5	1	505
KE-85-6013	45	90	11	1.6	134	39	1	350
KE-85-6014	24	140	12	2.1	461	66	1	250
KE-85-6015	78	57	30	1.5	168	30	1	175
KE-85-6017	278	52	211	.9	61	7	1	110
KE-85-6018	369	283	315	3.7	220	14	1	215
KE-85-6019	368	281	1051	3.4	408	24	1	350
STD C/AU-0.5	61	41	134	7.1	41	15	11	490

AUG - 7 1985

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 31 1985

DATE REPORT MAILED: Aug 5/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AND ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: [signature] DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

BRINCO MINING PROJECT - 7506-51 FILE # 85-1662 PAGE 1

SAMPLE#	Ag PPM	Au* PPB
3552	4.8	95
3553	2.6	60
3555	1.7	80
3556	1.8	85
3558	2.4	70
3559	3.7	90
3561	9.8	255
3562	3.7	145
3564	5.7	195
3565	7.8	525
3568	1.8	130
3570	1.4	95
3572	1.6	75
3573	3.8	145
3575	1.5	47
3577	1.7	65
3578	4.1	120
3580	6.1	100
3581	8.3	270
3583	5.0	445
3584	3.8	410
3586	2.2	75
3587	5.7	250
3589	4.0	95
3590	4.0	65
3592	20.1	1500
3593	6.4	510
3595	2.0	85
3596	2.1	70
STD C/AU-0.5	7.0	490

BRINCO MINING PROJECT - 7506-51 FILE # 85-1662 PAGE 2

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM	Au* PPB
3551	85	287	238	3.2	163	3	1	60
3554	39	275	133	1.9	218	5	1	90
3557	30	213	59	1.6	56	2	1	90
3560	64	551	155	4.3	131	2	1	150
3563	87	419	222	3.1	90	8	1	175
3566	94	284	378	3.7	107	2	1	340
3567	78	281	243	3.9	260	4	1	~~545~~
3569	73	605	214	1.8	54	2	1	210
3571	147	1760	4583	6.6	97	7	1	235
3574	72	189	319	1.2	67	3	1	48
3576	71	336	535	1.3	66	4	1	49
3579	38	1049	168	4.6	372	2	1	115
3582	16	296	39	4.2	227	8	1	320
3585	15	156	32	1.9	281	4	1	200
3588	29	1048	36	5.2	274	5	1	260
3591	18	852	86	4.6	179	8	1	265
3594	35	658	185	2.5	239	2	1	80
STD C/AU-0.5	60	39	131	6.9	40	15	11	500

Trench 1

BRINCO MINING   PROJECT - 7506-51   FILE # 85-1662

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM	Au* PPB
KE-85-0004	114	539	217	2.7	197	6	1	205
KE-85-0005	98	424	162	2.8	166	2	1	140
KE-85-0006	239	1179	213	12.9	439	2	1	510
KE-85-0007	262	1590	811	5.3	190	5	1	375
KE-85-0008	162	2133	1352	10.9	268	3	1	1180
KE-85-0009	278	2009	2963	6.4	150	2	1	535
KE-85-0010	61	1865	134	17.6	1039	34	1	325
STD C/AU-0.5	59	40	135	7.0	38	15	12	500

APPENDIX 4

Petrology

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
V0X 1J0

PHONE (604) 888-1323

Report for: Kent Akhurst,
Brinco Mining Ltd.,
704 - 602 West Hastings Street,
VANCOUVER, B.C.

Invoice 5460
October 1985

Samples: 9 samples, Ke 85 series
0002, 0128, 0133, 0134, 0141, 0151, 0158, 0260, 2002

Summary:

The samples are grouped as follows:

1. Basaltic Composition

   1. Basalt Breccia
      fragments of porphyritic basalt (clinopyroxene, plagioclase, apatite phenocrysts) in plagioclase-chlorite groundmass, replacement patches of quartz-barite-pyrrhotite-(chalocpyrite-biotite).

      0260

2. Andesitic Composition

   1. Porphyritic Andesite Flow
      hornblende, plagioclase, biotite phenocrysts; calcite-chlorite alteration

      0158

   2. Andesite Crystal Tuff or Flow
      plagioclase phenocrysts and crystal fragments in plagioclase-chlorite groundmass

      0141

   3. Non-porphyritic flow or dike
      lathy and equant plagioclase with chlorite groundmass, very minor plagioclase phenocrysts, veins of quartz-(calcite-chlorite)

      0134

   4. Greywacke or Tuffaceous Sediment
      well sorted fragments of plagioclase, minor biotite, chlorite in clay-micaceous-Fe-Mn-oxide groundmass

      0128

3. Latite-Dacite Composition

   1. Latite flow - slightly to moderately altered

      0133 - banded, layers variable between strongly silicified and relatively fresh, vein of quartz-pyrite-sericite

      0151 - extremely fine grained, replacement patches dominated by quartz with minor sericite, chlorite, and pyrite

(continued)

2. Latite/Dacite flow? strongly altered

0002 - possibly a tuff, strong alteration to quartz-sericite-tourmaline, with lesser pyrite; bands of quartz-pyrite/jarosite.

2002 - patchy replacement, early silicification, later coarser grained recrystallization, late quartz-pyrite-(chalcopyrite) patches and veins

John G. Payne

KE 85 - 0002 Strongly Altered Latite/Dacite (Quartz-Sericite-Pyrite-Tourmaline)

The sample is strongly altered, such that original textures are obscured and difficult to distinguish from secondary textures. Scattered patches up to 1.5 mm in size appear to retain some original textures; these are very fine to extremely fine grained aggregates, whose textures suggest the parent rock was a latite or dacite flow or tuff (the latter is suggested by variation between patches, suggesting they may be fragments in the original rock). Much of the rock consists of irregular aggregates of quartz with more or less sericite and minor Ti-oxide. Bands up to 1.5 mm wide contain recrystallized quartz and pyrite (in part altered to jarosite and in part leached from the rock), with patches of tourmaline and pyrite scattered through the rock but concentrated near these bands.

relic fragments?	8-10%
quartz	50-55
sericite	15-20
tourmaline	5- 7
pyrite	1- 1½
chlorite	0.3
Ti-oxide	0.1
bands	
quartz	7- 8
pyrite	1½-2
jarosite	½- 1
chalcopyrite	trace
galena	trace

The fragments generally have irregular, equant outlines. They are distingushed mainly by their content of extremely fine to dusty Ti-oxide, which is much greater than in the more strongly replaced part of the rock. Some consist of extremely fine grained aggregates (0.005-0.02 mm), others consist of very fine grained aggregates. Both are dominated by quartz (probably after plagioclase in large part). Some quartz contains minor disseminated sericite, in textures suggestive of original plagioclase partly altered to sericite and later replaced by quartz with some preservation of sericite.

Quartz forms irregular aggregates averaging 0.05-0.15 mm in size. It is irregularly intergrown with patches up to 1.5 mm in size dominated by sericite, with gradations between quartz-rich and sericite-rich patches. Sericite ranges from extremely fine to very fine grained, with coarser grains mainly in sericite-rich patches.

Tourmaline forms irregular, commonly subradiating aggregates of feathery to elongate prismatic grains from 0.05-0.15 mm in length. Tourmaline is colorless, and is identified by parallel extinction, length-fast character, and moderate relief and low to moderate birefringence [possibly lower than normal]. It is somewhat concentrated near pyrite-quartz and pyrite-sericite patches and lenses. Patches are up to 1 mm in size.

Pyrite forms disseminated grains up to 0.5 mm in size. It is discussed more fully below.

Chlorite forms patches up to 0.3 mm across of very fine grains with light greyish to brownish green color and very low birefringence. It commonly is associated with pyrite.

Ti-oxide forms disseminated grains and clusters of grains, the latter up to 0.2 mm in size.

The rock contains bands up to 1.5 mm wide of secondary, recrystallized quartz and moderately abundant to abundant pyrite. Quartz is mainly very fine grained. Pyrite grains are up to 0.7 mm in size. Many are partly removed from the rock (or section), especially along grain borders. Some patches contain extremely fine grained aggregates of jarosite pseudomorphic after pyrite.

(continued)

Chalcopyrite occurs as irregular inclusions up to 0.04 mm in size in a few pyrite grains.

Galena occurs as a few grains from 0.03-0.05 mm in size along the border of one pyrite grain. Identification is not positive; however the mineral appears to be isotropic, with high reflectivity, silvery grey color, and low hardness.

KE 85 - 0128   Greywacke (Andesitic Tuffaceous Sediment)

The sample is a moderately well sorted greywacke, with fragments averaging 0.1-0.5 mm in size. Fragments are dominated by intermediate plagioclase, with lesser biotite/chlorite and minor apatite, calcite (after hornblende?), quartz, and extremely fine grained siliceous dacite? The groundmass is dominated by extremely fine grained clay, sericite, and chlorite, with seams and patches of Fe-Mn oxides and local patches of calcite.

fragments	
plagioclase	45-50%
biotite	3- 4
chlorite	3- 4
calcite	1½-2
quartz	½- 1
apatite	0.2
pyrite	minor
calcite/quartz	one fragment
dacite	0.2
groundmass	
sericite-illite-kaolinite	25-30
chlorite	4- 5
calcite	1- 1½
hematite/limonite-Mn oxide	4- 5

Plagioclase forms anhedral to subhedral prismatic grains averaging 0.2-0.5 mm in size, with a few up to 0.7 mm across. A few grains contain minor to moderately abundant patches of extremely fine grained chlorite. More commonly, alteration is slight to extremely fine grained disseminated sericite. Some fragments? consist of extremely fine grained sericite/kaolinite, and may represent strongly altered plagioclase.

Biotite forms ragged flakes from 0.07-0.15 mm in size. It is generally light to pale brown in color, and partly altered to chlorite/muscovite.

Chlorite occurs in a similar mode as biotite, and may in part be an alteration of biotite. It also forms coarser grained patches up to 1 mm in length, generally with minor to moderately abundant intergrown grains averaging 0.01-0.02 mm in size of carbonate (possibly ankerite as judged by the limonite content).

Calcite occurs in several fragments, whose subhedral shapes suggest that calcite was formed from original hornblende.

Quartz and quartz aggregates form a few fragments mainly less than 0.2 mm across. One contains a few grains up to 0.05 mm in size of opaque (pyrite?). One larger fragment (0.5 mm across) is a very fine grained aggregate of quartz and calcite.

Apatite forms subhedral to anhedral grains up to 0.17 mm in size.

Pyrite forms scattered subhedral to euhedral grains and aggregates averaging 0.03-0.07 mm in grain size.

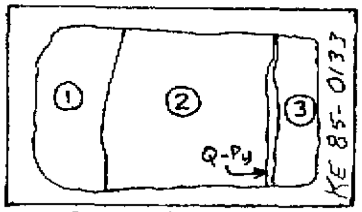
A few fragments up to 0.2 mm across consist of extremely fine grained dacite?, dominated by quartz and plagioclase.

The groundmass (including some fragments? of sericite-illite-kaolinite) consist of extremely fine grained intergrowths of sheet silicates, which cannot be positively identified. However, it appears that sericite-illite, kaolinite, and chlorite are present. Calcite occurs locally in a calcite-rich patch 1.5 mm across; calcite forms equant, granular grains averaging 0.02-0.03 mm in size.

The rock contains abundant seams and patches of medium brown to very dark brown oxides, probably dominated by Fe- and Mn-oxides.

KE 85 0133   Banded Altered Latite Flow?

The rock contains three main layers of different texture and composition, showing variable degrees of alteration to quartz-sericite-pyrite. The original rock may have been a banded latite flow (the central layer contains relic textures suggestive of this).



Layer 1   Strongly altered Latite?

This layer contains extremely fine grained patches dominated by quartz, grading to coarser grained patches of quartz-sericite, and a few much coarser grained patches dominated by quartz. Pyrite and quartz form concentrations near the border of Layer 2, and also occur as patches throughout the layer. Barite is present locally with quartz.

quartz	80%	
sericite	15	
pyrite	5	(± chalcopyrite)
barite	1	

Quartz-rich, extremely fine grained patches may represent the original texture of the layer. These are surrounded by and gradational into irregular coarser grained (0.02-0.05 mm) zones of quartz with minor to abundant sericite. Sericite is concentrated in patches up to 1 mm in size, with lesser intergrown quartz. Pyrite forms disseminated grains averaging 0.1-0.5 mm in size, with a few up to 1 mm across. Many larger grains are partly rimmed by irregular to subparallel aggregates of quartz growing outwards from pyrite crystal faces. Barite occurs in fine to medium grained quartz-rich patches as very irregular grains up to 0.15 mm in size and a few subhedral prismatic grains up to 0.1 mm in length. A few medium to coarse grained patches of quartz are present; they probably were formed by replacement.

Layer 2   Slightly altered Latite

This layer is dominated by aggregates of plagioclase of very fine to fine grain size, with patches of extremely fine grained quartz/plagioclase (original or early replacement). Late replacement patches consist of quartz-pyrite-sericite. Sericite alteration is abundant in the host rock

plagioclase	70%	(variably altered to sericite)
quartz-plagioclase (early replacement?)	10-15	
late quartz	10	
pyrite	5	(± chalcopyrite)

Plagioclase forms unoriented aggregates of equant grains averaging 0.05-0.1 mm in size, with scattered patches averaging 0.1-0.2 mm. A very few coarser phenocrysts were seen; these are prismatic grains up to 0.8 mm long. Alteration ranges from slight (to dusty sericite) to very strong (with plagioclase completely replaced by sericite ± muscovite). Patches up to 2 mm in size consist of extremely fine grained plagioclase-quartz with much less sericite and minor Ti-oxide. Coarser grained replacement patches are similar to coarser patches in Layer 1, and are dominated by quartz and pyrite, with quartz commonly growing outwards from pyrite crystal faces. A few pyrite grains (mainly larger grains) contain minor inclusions of chalcopyrite up to 0.03 mm in size.

(continued)

Between Layer 2 and Layer 3 is a thin layer from 0.3-1.5 mm in width dominated by quartz and pyrite with lesser sericite. This may be a vein.

quartz	45-50%
pyrite	30-35 (± chalcopyrite)
sericite	15-20

Pyrite forms equant grains averaging 0.2-0.8 mm in size. Quartz forms very fine to fine grained aggregates interstitial to pyrite, and showing preferential orientation perpendicular to pyrite crystal faces. Sericite occurs intergrown with quartz in very fine grained aggregates, and also foms denser patches of extremely fine grained aggregates along the border with layer 3 (and extending into layer 3 slightly).

Layer 3 Altered Latite/Dacite

This layer is relatively uniform in composition, dominated by quartz with interstitial sericite, and minor patches of later quartz-pyrite.

quartz	70-75%
sericite	20-25
late patches	
quartz	2- 3
pyrite	1- 1½

Quartz forms equant, irregular to granular grains averaging 0.03-0.1 mm in size. Sericite occurs mainly as interstitial selvages between quartz grains, and is concnetrated in irregular patches up to 1 mm in size. A few patches of quartz are free of sericite, and may represent recrystallized zones.

Later, slightly coarser grained patches consist of quartz and/or pyrite. Quartz forms aggregates of irregular to subparallel grains, whose textures are similar to that of quartz adjacent to pyrite grains. Pyrite grains are from 0.1-0.3 mm in average size.

Chalcopyrite occurs throughout the rock as inclusions up to 0.03 mm in size within a small percentage of the pyrite grains (mainly coarser pyrite grains).

KE 85 - 0134   Andesite cut by Quartz Veins

The sample is a slightly porphyritic andesite with scattered, anhedral to subhedral plagioclase phenocrysts in a very fine grained groundmass of lathy and equant plagioclase, with interstitial chlorite, moderately abundant Ti-oxide and pyrite, and lesser quartz and apatite. Veins are of quartz-chlorite and quartz-(calcite-chlorite).

phenocrysts	
plagioclase	1-1½%
groundmass	
plagioclase	60-65
chlorite	25-30
Ti-oxide	2½-3
pyrite	0.3
quartz	0.1
apatite	0.2
muscovite	minor
zircon	trace
veins	
1) quartz-chlorite	0.2
2) quartz-(calcite-chlorite)	3- 4

Plagioclase forms anhedral to subhedral prismatic phenocrysts averaging 0.3-0.6 mm in size, with a few over 1 mm in size. Alteration is slight to extremely fine grained sericite, and local patches of chlorite.

The groundmass is dominated by an unoriented aggregate of lathy plagioclase from 0.1-0.2 mm in average length, and anhedral plagioclase from 0.05-0.15 mm across. Interstitial to these are patches of extremely fine grained light green chlorite, with moderately abundant grains and aggregates of Ti-oxide, mainly less than 0.05 mm across. A few Ti-oxide patches are from 0.15-0.5 mm in size, and may ba secondary after original sphene.

Pyrite is concentrated in a few patches of subhedral, very fine grains, in part associated with sericite/muscovite and apatite. It also forms disseminated grains averaging 0.05-0.1 mm in size.

Quartz forms equant, scattered grains averaging 0.03-0.07 mm in size.

Apatite forms a few prismatic phenocrysts from 0.1-0.3 mm in length, and also forms ragged acicular to prismatic grains up to 0.1 mm in size, commonly associated with plagioclase phenocrysts.

Muscovite forms a few very fine grained patches associated with sericite and pyrite, with lesser chlorite.

Zircon forms a very few subhedral to euhedral prismatic grains up to 0.02 mm in length.

The rock is cut by a major vein up to 1 mm wide, dominated by fine grained quartz, with a few patches of very fine grained chlorite, mainly near vein walls, and a few fine grains of calcite in the core of the vein.

A smaller vein 0.2 mm wide consists of fine grained quartz with irregular bands of extremely fine to very fine grained chlorite oriented perpendicular to vein walls. Smaller veinlets and seams contain very fine grained chlorite with lesser quartz; these veinlets are up to 0.05 mm wide, and are discontinuous.

KE 85 - 0141   Andesite Crystal Tuff or Flow

The rock contains abundant plagioclase phenocrysts and fragments of phenocrysts in an extremely fine grained groundmass of plagioclase-chlorite-sericite, with lenses and patches of calcite, and abundant disseminated Ti-oxide. Pyrite forms scattered aggregates, commonly with interstitial quartz.

phenocrysts & crystal fragments	
plagioclase	35-40%
groundmass	
plagioclase	25-30
chlorite	20-25
sericite	4- 5
calcite	2- 3
Ti-oxide	2- 3
pyrite	1- 1½
quartz	0.2
apatite	minor
chalcopyrite	trace

Plagioclase forms subhedral to euhedral phenocrysts averaging 0.3-0.8 mm in size, with finer subhedral to anhedral crystal fragments averaging 0.08-0.2 mm in size. Composition is oligoclase-andesine. Alteration is slight to extremely fine grained sericite, and locally to patches of extremely fine grained chlorite. Locally plagioclase grains form clusters of two or three grains.

The groundmass is an extremely fine grained aggregate dominated by plagioclase and chlorite. Sericite forms wispy seams, patches, and disseminations, probably as an alteration of plagioclase. Calcite forms irregular patches and veinlike zones of extremely fine to very fine grain size. Ti-oxide forms abundant extremely fine grained patches up to 0.15 mm in size, with a very few coarser patches up to 0.4 mm in size. It may be secondary after original sphene, particularly in coarser patches. Apatite forms scattered subhedral to euhedral prismatic grains up to 0.1 mm in length.

Pyrite occurs in clusters up to 2 mm across of subhedral to euhedral grains averaging 0.05-0.2 mm in size. These commonly contain irregular patches of interstitial quartz, in part growing perpendicular to crystal faces of pyrite, and lesser sericite. Alteration of pyrite is variable to hematite, with some grains fresh, others altered along grain borders, and some strongly altered in irregular patches.

Chalcopyrite occurs in one patch as two grains 0.05-0.1 mm in size, moderately altered to hematite along grain borders, and surrounded by very fine grained quartz.

KE 85 - 0151 Altered Latite/Dacite
(Quartz-Sericite-Pyrite-Apatite-Chalcopyrite-Chlorite)

The rock contains a few relic plagioclase phenocrysts in an extremely fine grained groundmass dominated by plagioclase and sericite, with patches richer in quartz. Pyrite and chalcopyrite form disseminated grains. Chlorite and apatite each are concnetrated in patches. Coarser grained replacement patches and veins are dominated by quartz.

phenocrysts		veins and patches	
plagioclase	0.3%	quartz-(sericite-chlorite-pyrite)	7- 8%
groundmass			
plagioclase	45-50		
sericite	25-30		
quartz	4- 5		
chlorite	2- 3		
pyrite	3- 4		
chalcopyrite	0.3		
apatite	0.5		
Ti-oxide	0.1		
pyrrhotite, galena, sphalerite - trace			

Plagioclase forms a few anhedral phenocrysts from 0.2-0.3 mm in size. They range from fresh to moderately altered to very fine grained sericite. A few coarser plagioclase phenocrysts up to 1.2 mm in size are strongly to completely altered to sericite.

The groundmass is dominated by an anhedral aggregate of extremely fine grained plagioclase with variable amounts of extremely fine grained sericite. Quartz locally is the dominant groundmass mineral; these patches may represent alteration of the plagioclase-rich groundmass. Grain size of quartz in these patches is 0.02-0.03 mm. Chlorite forms extremely fine to very fine grained patches, in part intergrown with sericite, and in part associated with pyrite. A few patches of chlorite-pyrite are up to 1 mm across.

Pyrite forms disseminated, subhedral to euhedral grains from 0.03-0.8 mm in size. Some coarser grains are corroded and others are moderately fractured. Several coarser pyrite grains contain minor to abundant inclusions up to 0.03 mm in size of chalcopyrite with lesser pyrrhotite, galena, and sphalerite. Chalcopyrite also forms abundant irregular grains from 0.01-0.07 mm in size disseminated in the groundmass.

Apatite forms a few prismatic grains (phenocrysts) up to 0.35 mm in length. It is much more common as clusters of anhedral, equant grains averaging 0.03-0.05 mm in size.

Ti-oxide forms disseminated extremely fine grains, and a few clusters up to 0.25 mm in size of similar grains, the latter possibly after original sphene.

The rock contains irregular patches up to a few mm across and veins up to 0.8 mm wide of fine to very fine grained quartz, with minor patches and disseminations of sericite, chlorite, and pyrite. One small lens contains several pyrite grains with secondary recrystallized quartz and lesser chlorite oriented subperpendicular to pyrite crystal faces.

KE 85 - 0158 Andesite Porphyry

The rock contains abundant phenocrysts of hornblende, plagioclase, and lesser biotite in an altered groundmass dominated by plagioclase/sericite, with lesser calcite and chlorite, and minor Ti-oxide and pyrite. Secondary patches are dominated by chlorite, with or without quartz and calcite. Mafic phenocrysts are completely altered.

phenocrysts	
hornblende	8-10%
plagioclase	8-10 ?
biotite	3- 4
groundmass	
plagioclase/sericite	60-65
calcite	7- 8
chlorite	2- 3
Ti-oxide	0.5
pyrite	0.1
apatite	minor

secondary patches	
chlorite	2- 3
quartz	0.5
calcite	½- 1
muscovite	trace
veinlets	
calcite-(quartz)	minor

Hornblende forms subhedral to euhedral phenocrysts up to 2 mm in size. They range from equant to elongate. It is possible that some of the mafic phenocrysts are of pyroxene. Alteration is complete, mainly to a very fine grained aggregate of calcite and/or ankerite, with some grains containing selvages of chlorite along original prismatic cleavage, and a few containing abundant very fine grained quartz in subparallel aggregates along the prismatic direction. The latter are intergrown irregularly with carbonate. Some phenocrysts contain much more limonite than others, giving a rnage in color from pale to medium brown in the altered phenocrysts. A few contain patches of chlorite (possibly after biotite) and a few contain inclusions of chlorite after biotite.

Plagioclase forms prismatic phenocrysts averaging 0.5-0.8 mm in length and coarser grained anhedral grains up to 1.5 mm in size. Plagioclase is altered strongly to moderately to sericite with or without calcite. Some grains which are strongly altered to calcite may originally have been plagioclase (or hornblende).

Biotite forms subhedral flakes up to 1.5 mm in size. Smaller ones are completely altered to chlorite pseudomorphs with minor to abundant rutile. The latter mineral occurs in irregular patches or in needles oriented in crystallographic directions (three) in the biotite cleavage plane. Larger grains commonly contain irregular patches of quartz intergrown with chlorite Some grains contain irregular patches of calcite, somewhat elongated along cleavage.

The groundmass is dominated by very fine? grained plagioclase, moderately to strongly altered to sericite, such that original grains are obscured. Scattered coarser grained plagioclase grades up in size towards that of the finer phenocrysts. Calcite forms irregular, very fine grained disseminations, somewhat concentrated in patches. Chlorite forms scattered very fine grained patches, in part pseudomorphic after biotite flakes averaging 0.07-0.1 mm in length, and in part secondary. Ti-oxide forms extremely fine grained disseminations, commonly associated with chlorite (after biotite). Pyrite occurs in irregular clusters of subhedral grains from 0.03-0.1 mm in grain size; commonly it is associated with mafic phenocrysts. Apatite forms scattered subhedral prismatic grains from 0.05-0.1 mm in length.

The rock contains secondary patches up to 0.6 mm in size composed of unoriented aggregates of very fine grained chlorite. Larger patches up to 2 mm across contain chlorite intergrown with quartz and calcite. Locally calcite forms irregular coarse grained replacements of the rock adjacent to an altered hornblende phenocryst.

The rock is cut by wispy veinlets up to 0.02 mm wide of calcite with minor quartz.

KE 85 0260 Basalt Breccia

The rock contains fragments of porphyritic basalt, phenocrysts from the basalt, and replacement patches dominated by quartz-barite-pyrrhotite in an extremely fine grained groundmass dominated by plagioclase and chlorite.

fragments	
porphyritic basalt	35-40%
clinopyroxene	12-15
plagioclase	7- 8
apatite	1
groundmass	
plagioclase-chlorite	25-30
pyrrhotite	1- 1½
pyrite	minor
chalcopyrite	minor
replacement patches	
quartz-barite-pyrrhotite-(biotite)	2- 3
barite grains	1- 1½
veinlets	
epidote-quartz	minor

Porphyritic basalt contains phenocrysts and aggregates of phenocrysts of clinopyroxene and lesser plagioclase and apatite in a groundmass dominated by very fine grained lathy plagioclase (0.05-0.15 mm) in some fragments, and by more equant plagioclase averaging 0.03-0.1 mm in size in a few fragments. Phenocrysts average 0.7-1.5 mm in size. Clinopyroxene commonly shows weak concentric zoning. Plagioclase is slightly to moderately altered to extremely fine grained sericite. Apatite forms subhedral to euhedral phenocrysts up to 1.5 mm in size. Ti-oxide forms moderately abundant patches from 0.07-0.25 mm in size.

Some patches of the rock are difficult to interpret; they may represent fragments of fine to medium grained gabbro or porphyritic basalt. The problem in interpretation is that plagioclase is so strongly altered that the original texture is almost completely destroyed.

The groundmass is dominated by extremely fine grained plagioclase and chlorite. Plagioclase is slightly altered to sericite. Locally, chlorite-rich patches are up to 1.5 mm in size; these commonly contain abundant disseminated Ti-oxide grains of extremely fine grain size. Sulfides form replacement patches in the groundmass. Pyrrhotite with minor chalcopyrite forms irregular patches of very fine to fine grains. Pyrite forms a few clusters of subhedral cubic grains up to 0.15 mm in size. Chalocpyrite occurs with pyrrhotite and also alone as extremely fine grained disseminations concentrated in patches up to 1 mm in size.

The rock contains replacement patches up to 1.5 mm in size dominated by very fine to fine grained quartz and barite, with some containing minor to abundant very fine grained pyrrhotite-(chalcopyrite), and a few containing flakes of biotite up to 0.3 mm long. Biotite is strongly altered to chlorite. Other replacement patches consist of fine to medium grained barite grains, generally anhedral.

The rock is cut by a veinlet up to 0.03 mm wide of extremely fine grained epidote and lesser quartz.

KE 85 - 2002 Strongly Altered Latite?
(Quartz-Pyrite-Sericite)

The rock is a very strongly altered latite? with no original texture preserved. Early replacement is dominated by extremely fine grained quartz with much less sericite. Later replacement is of coarser grained quartz with minor sericite, and a few larger sericite-rich patches and lenses. Late replacement is by quartz-pyrite with minor sericite and chalcopyrite.

early replacement	30-35%
later replacement	40-45
late replacement, veins	20-25

The rock contains patches up to several mm across of extremely fine grained (0.01-0.02 mm) quartz with scattered patches of extremely fine grained sericite and minor to moderately abundant dusty Ti-oxide and minor pyrite. Locally this material shows a prominent foliation caused by orientation of both quartz and sericite, but generally the aggregate is unfoliated.

This grades sharply to diffusely into a coarser grained aggregate of similar composition, with grain size averaging 0.03-0.15 mm (locally up to 0.5 mm). Sericite is concentrated in a few irregular patches and seams up to 0.8 mm in width and a few mm long. These are also associated with later pyrite-quartz, and may in part be genetically associated with that stage of replacement.

The rock contains lenses, irregular patches, and veinlike zones of very fine to fine grained quartz with abundant pyrite and minor chalcopyrite. Pyrite forms anhedral to subhedral grains up to 1.2 mm in size. One grain contains an irregular inclusion up to 0.03 mm across of chalcopyrite. Quartz commonly shows a recrystallized texture, with feathery aggregates somewhat oriented perpendicular to pyrite crystal faces. Chalcopyrite forms irregular patches up to 0.12 mm in size within quartz, near but not adjacent to pyrite grains.

OCT 01 1985

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
V0X 1J0

PHONE (604) 888-1323

Report for: Robert Hewton,
Brinco Mining Ltd.,
704 - 602 West Hastings Street,
VANCOUVER, B.C., V6B 1P2

Invoice
September 1985

Sample: KE 85-2 25.0

Summary:

The sample contains minor fragments of aggregates of plagioclase, which suggest the original rock was a very fine grained dacite. This is moderately supported by the alteration assemblage: lacking chlorite and with less than 1% TiO_2.

The rock was strongly altered to dolomite-sericite; vague textures suggest original phenocrysts or fragments, but alteration is to intensive to determine the original nature of these patches.

The bluish grey veinlets and lenses appear to be zones rich in sericite-Ti-oxide, or veinlets of quartz-pyrite-(chlorite).

Quartz, pyrite, and lesser dolomite form irregular, coarser grained veinlets and patches; pyrite generally is rimmed by recrystallized quartz oriented subperpendicular to pyrite crystal faces. Chalcopyrite and sphalerite, with much less galena occur in these patches, either intergrown with quartz-dolomite, or on borders of or in inclusions in pyrite grains. Galena is much less abundant, and commonly is associated with chalcopyrite. Native gold occurs with chalcopyrite in one inclusion in pyrite.

The sulfides appear to be in equilibrium with the alteration assemblage of dolomite-sericite-quartz. Recrystallization and mineral segregation probably led to the concentrateion of pyrite and quartz with coarser dolomite in the veinlets and patches. Other sulfides and native gold are of the same age as pyrite.

J.G. Payne

John G. Payne

KE 85-2 25.0 Dolomite-Sericite-Quartz-Pyrite Altered Rock (minor chalcopyrite, sphalerite, trace galena, gold)

The original rock may have been a very fine grained latite, relic fragments? of which are preserved. Much of the rock consists of patchy replacement by dolomite/ankerite and sericite, with moderate variation in mineral abundances. Vague textures suggest original grains (phenocrysts?) from 0.7-1.5 mm in size, but identification is far from positive that the patches even represent original phenocrysts. Quartz and pyrite, with lesser dolomite and minor other sulfides occur in coarser grained patches.

dolomite	45-50%
sericite	30-35
quartz	7- 8
pyrite	5- 7
plagioclase	3- 4
Ti-oxide	0.5
chalcopyrite	0.2
sphalerite	0.1
galena	trace
chlorite	trace
albite	trace
gold	trace

Fragments up to 0.5 mm in size consist of very fine grained aggregates of equant, anhedral plagioclase, showing very slight alteration.

These are enclosed in a variable aggregate of extremely fine grained dolomite and extremely fine to very fine grained sericite. Vague patches up to 1.5 mm in size, dominated by dolomite, have shapes suggesting plagioclase or hornblende phenocrysts. A few sericite patches vaguely appear like pseudomorphs after original wispy biotite phenocrysts. Some of the groundmass has a very fine scale lensy texture with lenses of dolomite in a sparse to moderately abundant groundmass of sericite.

Quartz, pyrite, and dolomite, with other sulfides form irregular, coarser grained patches, which vaguely resemble veins. Pyrite forms subhedral to anhedral, equant grains averaging 0.05-0.3 mm in size, with a few up to 0.7 mm across. Some contain minor inclusions of chalcopyrite and galena, and several contain moderately abundant, tiny inclusions of quartz and/or dolomite. One pyrite grain 0.1 mm in size, contains two inclusions of chalcopyrite up to 0.015 mm across. The larger inclusion has a slightly elongated grain 0.005 mm in length of gold along one side. Quartz forms patches of grains up to 0.5 mm in size, surrounding pyrite grains and commonly growing in subparallel aggregates outwards from pyrite crystal faces. Locally quartz forms patches of grains from 0.05-0.15 mm in size away from pyrite grains; these may represent relic patches of quartz from the parent rock or an early vein or replacement. Dolomite forms anhedral grains up to 0.1 mm in size, intergrown in irregular patches with quartz. Chalcopyrite forms irregular grains averaging 0.02-0.05 mm in size, mainly intergrown with quartz and dolomite in irregular clusters near pyrite, and less commonly occurs along grain borders of pyrite grains or aggregates, and in inclusions in pyrite. Sphalerite occurs in grains up to 0.3 mm in size associated with quartz and minor sericite/muscovite, and less commonly occurs in finer grained patches associated with chalcopyrite and quartz-dolomite aggregates. Galena forms grains averaging 0.005-0.015 mm in size, mainly associated with chalcopyrite, either in inclusions in pyrite or in aggregates in quartz-dolomite. Locally galena forms clusters of grains up to 0.01 mm in size in dolomite.

Ti-oxide forms disseminated, extremely fine grains, moderately concentrated in some patches of sericite-rich rock; in some of these Ti-oxide forms irregular trains.

Chlorite and albite each occur locally in very fine to fine grained patches associated with sericite/muscovite and, for chlorite, with quartz.

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
V0X 1J0

PHONE (604) 888-1323

Invoice 5430

Report for: K. Akhurst,
Brinco Mining Ltd.,
704 - 602 West Hastings Street,
Vancouver, B.C.,
V6B 1P2.

October 7, 1985

Samples: KE-85-1 - 14.3, 30.05, 38.0m; KE-85-3 - 19.4, 28.3, 59.8m

Summary:

The samples are a series of sheared and altered volcanic/subvolcanic rocks of andesitic composition. Alteration for the most part has been intense and the original texture and mineralogy have been obscured. KE-85-1-30.5 is a porphyritic variety containing plagioclase and hornblende (altered) phenocrysts; the others were leucocratic rocks apparently consisting of fine plagioclase, some with small amounts of quartz.

KE-85-1-14.3 and KE-85-3-59.8 have been strongly altered with quartz, pyrite and sericite (after plagioclase); some chlorite occurs in sample KE-85-1-14.3. Chalcopyrite occurs as very fine grains adjacent to or occasionally within pyrite. Gold occurs as inclusions in pyrite in sample KE-85-3-59.8.

KE-85-3-19.4 and 28.3 are sheared rocks consisting mainly of sericite (dominant) and calcite. Pyrite and quartz occur along the foliation and pyrite is also disseminated. Sphalerite, chalcopyrite and galena occur around pyrite grains and are paragenetically later, as is calcite.

KE-85-1-38.0 consists mainly of a fine intimate intergrowth of sericite and chlorite. Thin veins containing pyrite and quartz are present; these have been later mineralized with calcite and more pyrite.

KE-85-1-30.05 contains a wide vein of epidote (with minor quartz) and calcite which is later than the epidote. Pyrite is disseminated in the rock in which plagioclase is altering to sericite and hornblende to chlorite. Veinlets of epidote and pyrite are also present.

A. L. Littlejohn

A. L. Littlejohn, M.Sc.

KE-85-1 - 14.3: SERICITE - QUARTZ - PYRITE ROCK.

This sample appears to have been a dacitic andesitic volcanic rock which has been pervasively and highly altered with sericite, quartz, pyrite and some chlorite. Plagioclase (now altered to sericite) and quartz form a patchy intergrowth with pyrite in the quartz. Some of the quartz was probabaly original but with the addition of quartz patches the amount is not clear. Minerals are:

sericite	50%
quartz	20
pyrite	14
chlorite	9
plagioclase	6
Fe-Ti oxide	1
chalcopyrite	minor
apatite	trace
pyrrhotite	trace

Plagioclase formed subrounded grains 0.1 to 0.2mm in size. It is almost all altered to a mass of very fine, ragged sericite flakes less than 0.05mm in size. Much of the quartz forms subrounded grains up to 0.2mm in size and is unevenly distributed amongst the mass of altered plagioclase, tending to occur in subrounded or shapeless patches up to 1.5mm in size, but with indistinct margins where fine sericite occurs between the grains. Tabular apatite grains 0.1 to 0.5mm in size are sometimes intergrown with the quartz and (altered) plagioclase. Within the sericite there is very fine chlorite intimately intergrown with it in small diffuse whisps or in small ragged aggregates of flakes about 0.1mm in size. Rounded Fe-Ti oxide grains (mainly rutile) 0.01 to 0.05mm in size are disseminated throughout the altered plagioclase. Small clusters are common.

Pyrite has grown within the intergrowth of altered plagioclase and quartz and are full of fine shapeless silicate inclusions, giving it a "cheesey" texture. Grains are cubic and 0.1 to 1.5mm in size. Clusters and aggregates are common, with the smaller ones crowding around the larger. Aggregates of small cubes have developed with a network of sericite between them. The larger ones tend to occur in the quartz patches. Sometimes there is a zone of thin elongated quartz grains growing at right angles to the edge of the pyrite grains. These grade into the more rounded grains. Thin, ragged chlorite flakes are often intergrown with the fine elongated quartz grains. Rounded pyrrhotite grains 0.05 to 0.3mm in size are fairly common in the larger pyrite grains.

A few small chalcopyrite grains are included in the pyrite but almost all the chalcopyrite occurs around or adjacent to the pyrite where in forms shapeless grains 0.05 to 0.4mm in size, intergrown with the quartz or with chlorite. Thin chalcopyrite grains often cement clusters of small pyrites.

JE-85-1 - 30.05: ALTERED PORPHYRITIC ANDESITE (DIORITE ?) WITH CALCITE - EPIDOTE VEIN.

This sample is a medium grained inequigranular volcanic or subvolcanic rock originally consisting of hornblende and plagioclase phenocrysts crowded in a fine plagioclase groundmass. The hornblende is almost completely altered to chlorite; plagioclase is moderately sericitic (also K-spar) and fine pyrite, epidote and calcite occur disseminated and in fine stringers. There is a vein about 15mm wide which consists of calcite and epidote with some quartz. Excluding the wide vein, minerals are:

plagioclase	55%	
sericite	10	
chlorite	20	(after hornblende; trace of amphibole remaining)
epidote	5	
pyrite	4	
quartz	2	
calcite	2	
K-spar	2	
apatite	minor	
chalcopyrite	trace	

Plagioclase phenocrysts and groundmass occur in about equal proportions. The phenocrysts form euhedral or subhedral laths 0.5 to 2.0mm in size. The groundmass forms shapeless interlockiong grains about 0.05mm in size. The phenocrysts are pervasively altering to sericite while the groudmass is altering to extremely fine K-spar and sericite. The phenocrysts are more altered. Tabular apatite grains up to 0.2mm in size are intergrown with the groundmass plagioclase. Quartz forms shapeless grains about 0.1mm in size occuring in small aggregates between the phenocrysts; a small amount of quartz may have been added during the alteration.

"Hornblende" forms thin or broad idiomorphic grains 0.5 to 2.0mm in size occuring amongst the plagioclase. They have been almost completely altered to a mass of fine chlorite with very fine specks of epidote and occasional calcite patches; sometimes clusters of pyrite have formed within them. Fine streaks of remnant hornblende occur in a few.

Epidote forms extremely fine grains occuring in diffuse patches less than 0.2mm in size scattered within the plagioclase. It also occurs in several thin stringers where it is intimately intergrown with pyrite. Occasionally chlorite and calcite are also present in the stringers, but the calcite tends to occur in separate discontinuous stringers less than 0.2mm in width. Small ragged patches of calcite are scattered about the plagioclase.

(continued)

KE-85-1 - 30.05 (cont.)

Pyrite forms cubic to rounded grains 0.05 to 1.0mm in size, averagng about 0.4mm. The smaller ones are disseminated throughout the rock in and between the plagioclase. The larger ones are scattered in the plagioclase and occur in clusters in the altered hornblende or in stringers with epidote. Very fine Chalcopyrite occurs adjacent to larger pyrite grains or is disseminated in the plagioclase. Rare chalcopyrite inclusions occur in some of the larger pyrite grains.

The wide vein consists of about equal amounts of calcite and epidote with about 5% quartz. The epidote forms subprismatic grains up to 3mm in length which tend to be aligned across the vein and are concentrated on one side. Elongated grains and aggregates of quartz up to 2mm in size occur sandwiched between the epidotes. Large patches of calcite occur in the centre of the vein and a system of thin stringers and veinlets occurs between and through the epidote grains. Small aggregates of epidote occur within the larger calcite patches. There has been some shearing during or after the addition of the carbonate; in places there are thin discontinuous zones of granulated epidote which are mixed with very fine calcite. Some of the calcite shows evidence of deformation by bent twinning.

KE-85-1 - 38.0: SERICITE - CHLORITE ROCK WITH PYRITE-QUARTZ-CALCITE VEINS.

This sample is a fine grained massive rock consisting mainly of a fine, compact, intimate intergrowth of sericite and chlorite. These have replaced plagioclase, remnants of which occur in small patches and indicate an original andesitic rock, although for the most part the original texture has been obscured. A vein system containing pyrite and quartz cuts through the rock; later carbonate mineraliztion (with more pyrite and Fe-Ti oxides) has occured along the vein and in a network of fine stringers. This has resulted in bleaching around the vein and the network of stringers. Minerals are:

sericite	48%
chlorite	37
pyrite	6
calcite	6
quartz	3
Fe-Ti oxide	3
plagioclase	minor

The original rock apparently consisted of a mass of subrounded interlocking plagioclase grains about 0.05 to 0.1mm in size. These occur in a few small patches which are only partly altered to sericite and chlorite. There were a few small quartz grains scattered amongst the plagioclase. The bulk of the rock consists mainly of a compact mass of very fine sericite and chlorite which are intimately intergrown with one another and with the chlorite tending to occur in small whispy patches. Extremely fine Fe-Ti oxides occur in ragged shapeless aggregates up to 0.2mm in size which are disseminated throughout this intergrowth. Chlorite also occurs in a patch about 5mm in size where it forms a mass of flakes less than 0.05mm in size.

Pyrite occurs in a system of closely spaced, subparallel veins 0.5 to 1.0mm in width. In these is forms subcubic to slightly elongated ragged grains 0.2 to 1.5mm in size. Aggregates are common. Vein margins are not sharp and small pyrites are scattered throughout the rock. The pyrite is full of fine shapeless silicate inclusions, giving it a "cheesey" texture. The pyrite is associated with quartz which forms thin elongated grains up to 0.5mm in length which have grown around the pyrites at right angles to the edges of the grains. Not all the pyrite is associated with quartz.

There has been a second stage of pyrite mineralization which is associated with calcite and the Fe-Ti oxides. This has occured along the earlier pyrite-quartz vein system. The carbonate forms extremely fine grains which are replacing the quartz and form a narrow zone around the pyrites. Very fine calcite has also developed in the sericite-chlorite intergrowth near the veins at the expense of chlorite. As well as the fine calcite there are thin veins and vein-like patches up to 0.5mm in width along the edge of the pyrite-quartz veins.

(continued)

KE-85-1 - 38.0 (cont.)

Within and around the fine calcite there are streaky clusters and small aggregates of ragged pyrite grains 0.01 to 0.2mm in size. These also occur around the larger cubic pyrites and sometimes a thin zone of the later pyrite has formed on the large ones.

Extremely fine Fe-Ti oxides are intimately intergrown with the fine calcite and pyrite along the vein system. As well as being disseminated in the rock these are also concentrated in a widely spaced network of very thin stringers. Sometimes fine calcite is associated with these, particularly close to the main vein system. There is a diffuse bleached zone around these stringers.

KE-85-3 - 19.4: SERICITE - CALCITE ROCK WITH PYRITE AND QUARTZ.

This sample is a massive to weakly foliated rock which consists mainly of sericite and calcite which has replaced plagioclase. Pyrite, associated with quartz, is disseminated throughout and concentrated in elongated patches and thin bands along the foliation. The original rock was apparently an andesite or diorite, but the original texture has been largely obscured by the alteration. Minerals are:

sericite	56%
calcite	15
pyrite	12
plagioclase	10
quartz	7
sphalerite	minor
Fe-Ti oxide	minor
chalcopyrite	trace
galena	trace
pyrrhotite	trace

The original rock consisted of an aggregate of subrounded plagioclase grains about 0.2mm in size. These have been replaced by very fine sericite and calcite (sericite dominant) so that only diffuse remnants with indistinct outlines remain "underneath" the sericite. These occur throughout, along with very fine relicts or recrystallised grains which are intergrown with the sericite and calcite.

For the most part the section consists of a streaky mass of very fine ragged sericite flakes which are sometimes intimately intergrown with fine calcite; this may be concentrated in small, diffuse streaky patches. Grain size for the most part is less than 0.05mm. Extremely fine Fe-Ti oxides are disseminated throughout the sericite, and are sometimes concentrated in shapeless aggregates up to 0.1mm in size.

Pyrite forms rounded to cubic grains 0.1 to 1.0mm in size, averaging about 0.6mm, which are disseminated throughout the rock. There are concentrations in thin bands and elongated patches a few millimeters in size. The pyrite grains are full of small shapeless silicate and carbonate inclusions. Rare rounded pyrrhotite inclusions up to 0.05mm in size occur in some of the larger pyrite grains. Several pyrites contain fine shapeless galena inclusions.

The pyrite is associated with quartz, particularly in the patchy concentrations. The quartz forms thin elongated or irregularly shaped interlocking grains which have grown at right angles to the edges of the pyrite grains along the foliation. These are up to 1.5mm in length, but most are less than 1mm. The pyrite-quartz patches consist of aggregates of lenses. Coarser sericite (up to 0.1mm) has developed in these and is intergrown with the quartz in small streaky aggregates.

(continued)

KE-85-3 - 19.4 (cont.)

Sphalerite forms irregularly shaped grains which are 0.05 to 0.4mm in size and intergrown with the quartz, often occuring adjacent to pyrite. Clusters of a few grains are common. Fine chalcopyrite grains are sometimes intergrown with the edges of the sphalerite. It also tends to occur in small clusters and occasionally there is a grain 0.2mm in size amongst the finer ones. Galena also occurs intergrown with the sphalerite in rare instances.

KE-85-3 - 28.3: SERICITE - CALCITE ROCK WITH PYRITE AND QUARTZ.

This sample is a fine grained rock which consists mainly of an intergrowth of sericite and calcite. These have replaced plagioclase indicating that the original rock was an andesite or diorite but the texture has been almost completely obscured. Shearing occured during the alteration and some of the sericite is concentrated (with pyrite and quartz) in vein-like bands 1 to 5mm wide. In these the sericite is green in hand specimen but colourless in thin section so classification as fuchsite is not warrented without chemical tests. Minerals are:

sericite	50%
calcite	35
pyrite	6
quartz	5
plagioclase	4
sphalerite	minor
Fe-Ti oxide	minor
chalcopyrite	trace
galena	trace
zircon	trace

The original rock apparently consisted of an aggregate of subrounded plagioclase grains about 0.2mm in size. There may have been some quartz intergrown with it but almost all the quartz in the rock is associated with pyrite; most of the remnant plagioclase occurs near these bands in small indistinct patches which are being replaced with sericite and calcite. Throughout the rock there are very fine relict plagioclase grains "underneath" the sericite and calcite. Rare zircons about 0.05mm in size were intergrown with the plagioclase.

The bulk of the rock consists of a fine streaky intergrowth of sericite and calcite. Grain size is, for the most part, less than 0.05mm. There are small diffuse streaky concentrations of one or the other, with sericite being dominant. Extremely fine Fe-Ti oxides are disseminated throughout this intergrowth, sometimes being concentrated in thin whisps and small clusters within the sericite.

Most of the pyrite in the rock is concentrated in the bands with the greenish sericite, although there are grains scattered throughout the rock. It forms rounded to cubic grains 0.1 to 1.0mm in size, averaging about 0.8mm. It full of fine shapeless silicate and carbonate inclusions. The pyrite is associated with quartz which forms thin elongated or irregularly shaped grains up to 0.5mm in length which have grown at right angles to the edge of the pyrite grains and are aligned along the foliation, resulting in lensoid patches of quartz up to 1.5mm in length, with a "core" of pyrite. These are partly interconnected with one anothere and the quartz grains and lenses are intergrown with ragged (green) sericite flakes about 0.1mm in size. Streaky aggregates of the sericite occur. Ragged patches of calcite, up to 0.5mm in size, also occur amongst the quartz, pyrite and sericite. These often partly enclose pyrite grains.

(continued)

KE-85-3-28.3 (cont.)

Sphalerite forms irregularly shaped grains 0.05 to 0.3mm in size which are intergrown with the quartz and often occur adjacent to the pyrite grains. Clusters of a few are common. Some are scattered about the rock. Finer chalcopyrite grains are sometimes intergrown with the sphalerite or occur as small grains intergrown with the quartz near the sphalerite and pyrite.

Galena forms rouned to shapeless grains mostly less than 0.1mm in size which occur as inclusions within the larger pyrite grains. One large pyrite contains several large inclusions but mostly only one or two (if any) are present. There is also a cluster of fine galena and chalcopyrite within a calcite patch.

KE-85-3 - 59.8: QUARTZ - PYRITE - SERICITE ROCK WITH GOLD.

This sample is a highly altered rock consisting of a patchy intergrowth of quartz, pyrite and sericite. There is no sign of the original rock except for the presence of sericite which is presumed to have been derived, in part, from the alteration of plagioclase. Three very small grains of gold occur included in a single pyrite grain. Minerals are:

quartz	55%
pyrite	25
sericite	20
Fe-Ti oxide	trace
galena	trace
chalcopyrite	trace
gold	3 grains.

The bulk of the rock consists of a patchy intergrowth of quartz and pyrite. About half of the quartz forms subrounded or shapeless interlocking grains 0.05 to 0.4mm in size. There is a patchy distribution to the grain size with patches of fine grains grading into the coarser; occasionally there are small patches with grain size up to 1mm. The rest of the quartz is closely associated with the pyrite and forms thin elongated grains up to 0.4mm in length which occur around the pyrite and have grown at right angles to their edges. These may grade into the rounded or shapeless grains.

The pyrite forms cubic to rounded grains 0.05 to 0.1mm in size, averaging about 0.5mm, occuring amongst the quartz. Clusters and aggregates are common. Small silicate inclusions are often present and sometimes these are distributed with a cubic outline indicating zonal growth. Galena and chalcopyrite form shapeless grains less than 0.1mm in size which are included in the pyrite, sometimes occuring adjacent to one another. Three gold inclusions were seen in one pyrite grain. The largest is rounded and about 0.05mm in size; the other two are about 0.002mm in size are occur close to the larger one. They are near a chalcopyrite inclusion.

Sericite forms very fine flakes which are disseminated between and partly within the quartz grains throughout the rock and are concentrated in thin, diffuse streaky patches amongst the more rounded and finer quartz grains, indicating an element of shear during the alteration. Small aggregates of flakes up to 0.1mm in size are intergrown with the coarser quartz. Sometimes there is sericite intergrown with the elongated quartz grains and where pyrite occurs in clusters there is sometimes sericite between the pyrites rather than quartz.

APPENDIX 5

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, William Robert Epp, with residential address in Nanaimo, British Columbia do hereby certify that:

1) I am a mineral exploration geologist with a B.Sc. degree from the University of Waterloo, 1977.

2) From 1977 to 1979 and from 1980 to 1983 I was employed by Australia Anglo American Corp. and worked in the Fiji Islands.

3) From September 26, 1983 to the present I have been under temporary employment with Brinco Limited as a project geologist.

4) I possess a Bachelor of Education degree from the University of Toronto and possess a valid B.C. teaching license with a specialty in teaching geology.

5) The field work presented in this report was conducted by B. Whiting and K. Akhurst under the supervision of D.B. Petersen and R.S. Hewton, P.Eng. (Exploration Manager). Data discussed in this report was elucidated from their field plans, notes and personal communication and the compilation, presentation and interpretation of these data is my sole responsibility.

William R. Epp

William R. Epp, B.Sc., B.Ed.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

LEGEND

UPPER SEQUENCE
- 14 Andesite Flows
- 13 Siltstone
- 12 Upper Conglomerate
- 11 Siltstone
- 10 Andesite Flows (Epidote)
- 9 Pyroclastic Breccia

MAJOR TECTONIC SHEAR ZONE
- 8 Andesite Dykes
- 7 Andesite Tuffs, and schistose equivalents (highly altered)

LOWER SEQUENCE
- 6 Greywacke and Siltstone
- 5 Andesitic Feldspar Porphyries
- 4 Silicified Andesite Flows
- 3 Laminated Siltstone
- 2 Lower Conglomerates

Symbols:
- Claim Boundaries
- Geological Contacts
- Boundaries of Major Tectonic Shear Zones
- Bedding Attitude
- Fracture Attitude
- Foliation Attitude
- Outcrop
- Thin Section Sample Locations
- Mineralogical XRD Scan

NORTH SHEET

MAP BY: EAGLE MAPPING SERVICES LTD. (85-42) JULY 1985
COMPILED FROM AIR PHOTOS TAKEN IN 1982

Brinco LIMITED

(1)

KERR PROJECT - 1985
GEOLOGY

SCALE : 1 5000	CONTOUR INTERVAL : 10 METRES
DRAWN BY: K. Akhurst	DATE: Dec., 1985
DRAFTING BY: W. Epp	N.T.S.: 104 B/8
REPORT 847	FIGURE No. 4

BOUNDARY OF FIGURE 7

CLAIM BOUNDARY

SAMPLE TYPES

- SOIL
- TALUS LINE
- ROCK, OBSERVATION
- ROCK, ASSAY
- SILT

NORTH SHEET

MAP BY: EAGLE MAPPING SERVICES LTD. (85-42) JULY 1985

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GEOLOGICAL BRANCH
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KERR PROJECT
SAMPLE LOCATIONS
1985

(2)

SCALE : 1 5000	CONTOUR INTERVAL : 10 METRES
DRAWN BY: W K A	DATE : OCTOBER, 1985
DRAFTING BY:	N.T.S. : 104 B/8
REPORT 847	FIGURE No. 5

NOTE: TALUS LINE GOLD RESULTS ARE PLOTTED ON FIGURE 8

BOUNDARY OF FIGURE 8

CLAIM BOUNDARY

SAMPLE TYPES

- ● SOIL
- I TALUS LINE
- △ ROCK, OBSERVATION
- ■ ROCK, ASSAY
- ○ SILT

NORTH SHEET

MAP BY: EAGLE MAPPING SERVICES LTD. (85-42) JULY 1985

COMPILED FROM AIR PHOTOS TAKEN IN 1982

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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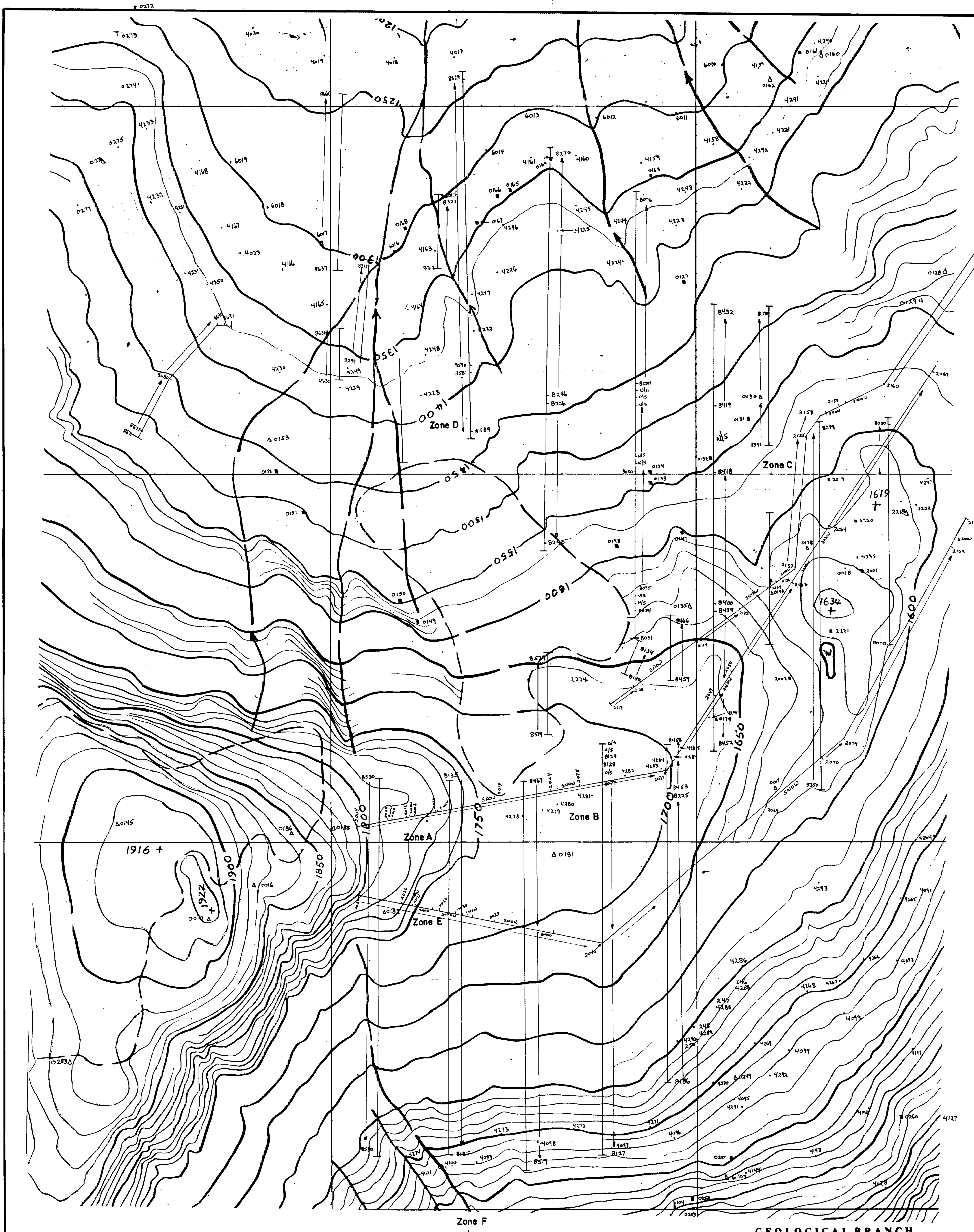
KERR PROJECT

GOLD (ppb)

(3) 1985

SCALE : 1 5000	CONTOUR INTERVAL : 10 METRES
DRAWN BY: WKA	DATE: OCTOBER 1985
DRAFTING BY:	N.T.S.: 104 B/8
REPORT 847	FIGURE No. 6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

* See Figure 5 for location.

14,614 (4)

SAMPLE TYPES

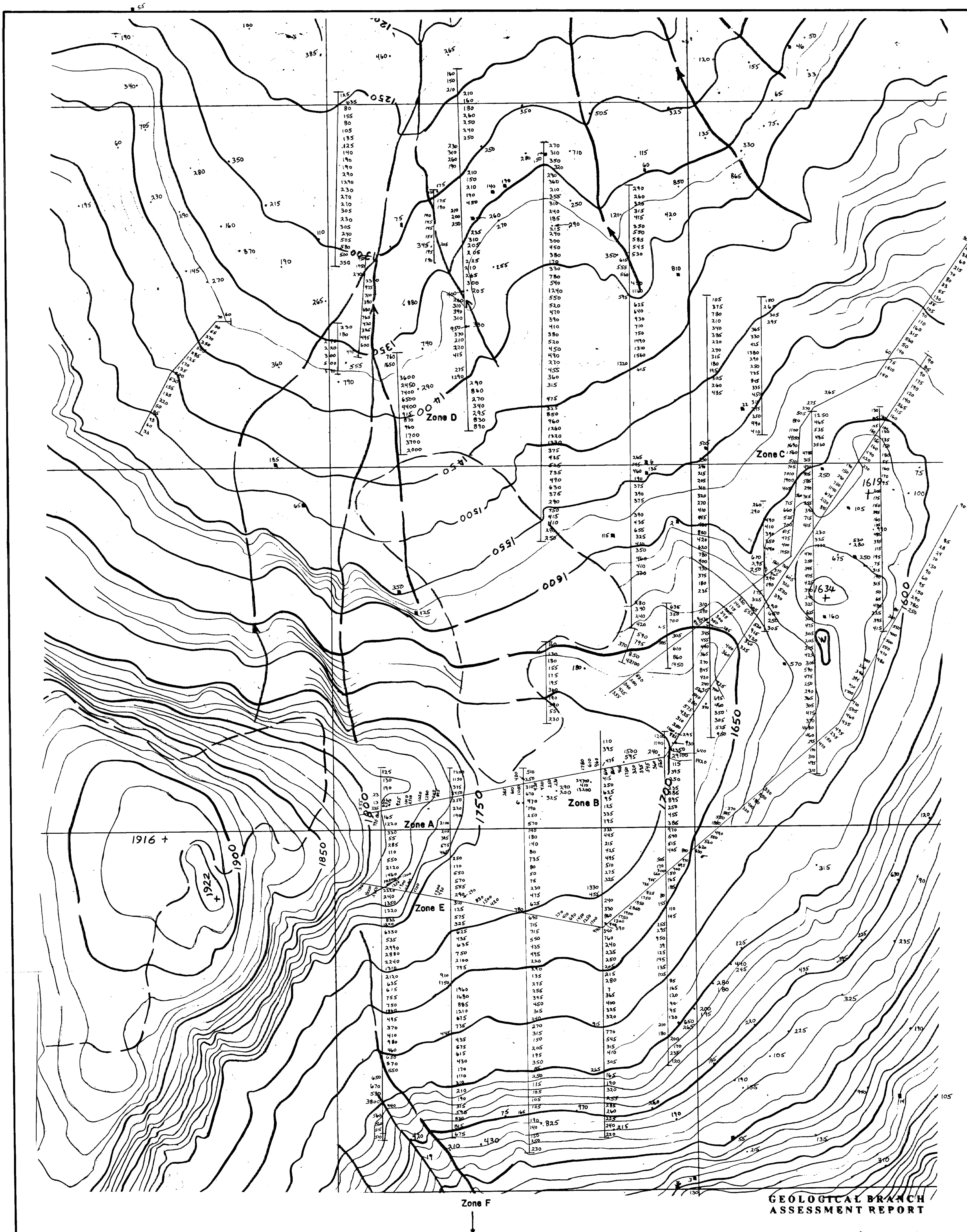
- • SOIL
- I TALUS LINE
- △ ROCK, OBSERVATION
- ■ ROCK, ASSAY
- o SILT

N

Brinco LIMITED

1985
KERR PROJECT
SAMPLE LOCATIONS

DRAWN BY:	W K A	DATE:	OCTOBER - 1985
SCALE:	1:2,500	N.T.S.	104 B 8
REPORT	847	FIGURE No.:	7



* See figure 5 for location.

SAMPLE TYPES

- SOIL
- TALUS LINE
- ROCK, OBSERVATION
- ROCK; ASSAY
- SILT

N

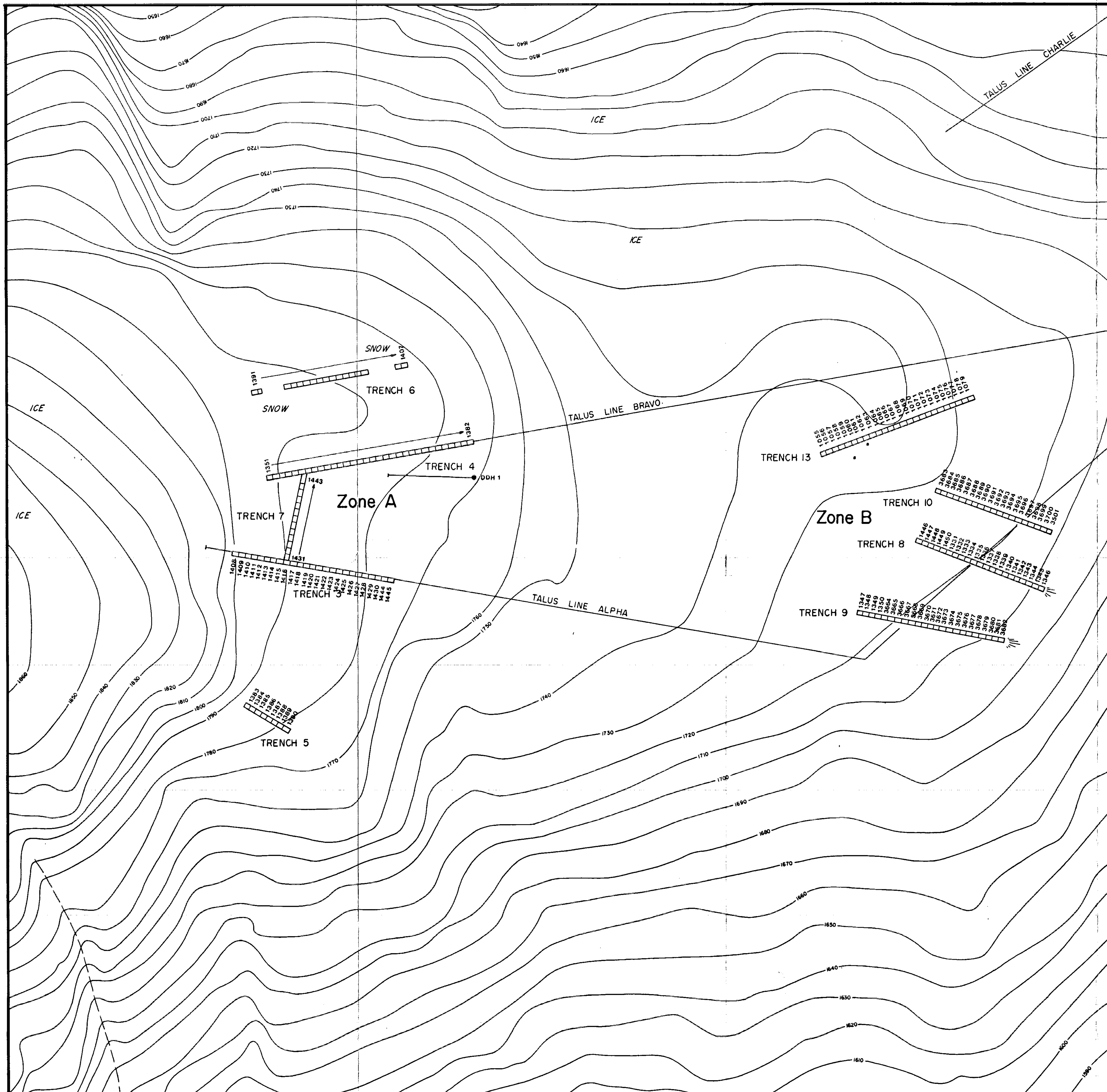
Brinco LIMITED

1985

KERR PROJECT

GOLD GEOCHEMISTRY in PPB.

DRAWN BY	W K A	DATE	OCTOBER - 1985
SCALE:	1:2,500	N.T.S.	104 B 8
REPORT	847	FIGURE No.	8



GEOLOGICAL BRANCH ASSESSMENT REPORT

14,614

* See Figure 5 for location.

SCALE 1:1000

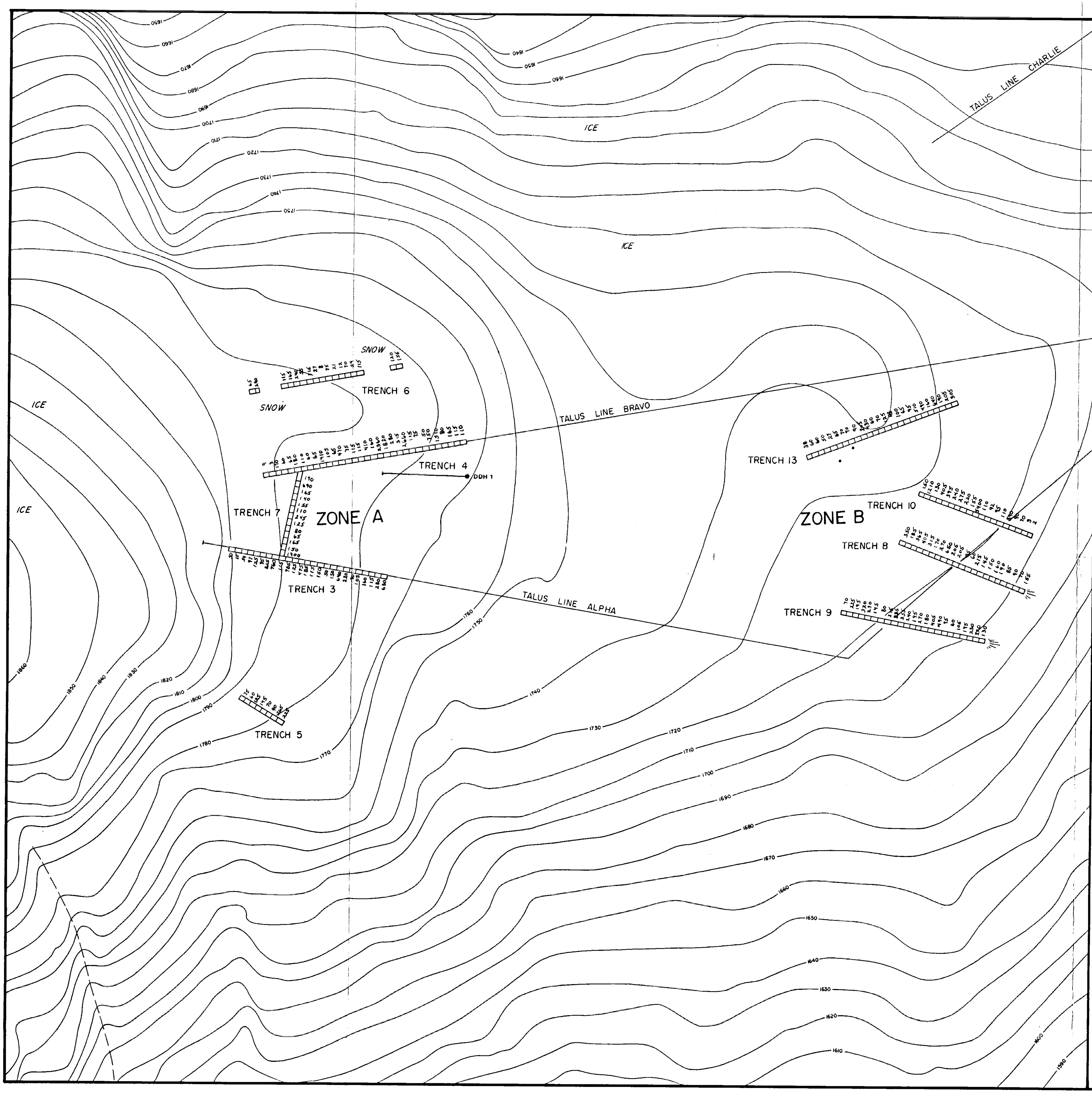
m 0 10 20 40 60 80 100 m

Brinco LIMITED

KERR PROJECT
1985
ZONES A & B

SAMPLE LOCATIONS

DRAWN BY:	B.H.W.	DATE:	October, 1985
DRAFTED BY:	J.W.	N.T.S.	104 B/8
REPORT 847		FIGURE No.:	10



N

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,614

* See Figure 5 for location.

SCALE 1:1000

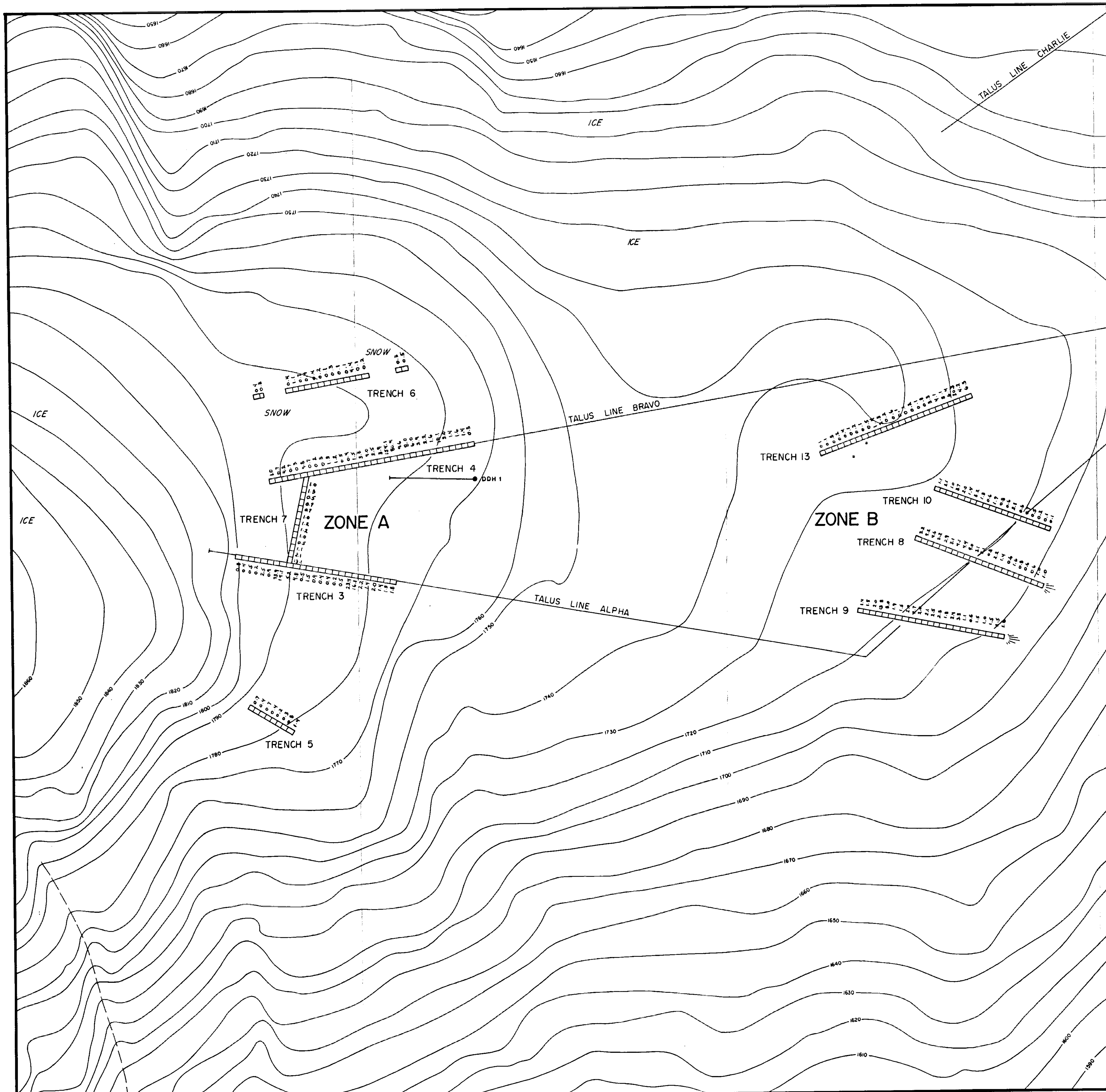
m 0 10 20 40 60 80 100 m

Brinco LIMITED

KERR PROJECT
ZONES A & B
GEOCHEMISTRY
GOLD (ppb)

(7)

DRAWN BY:	B H W	DATE:	Oct., 1985
DRAFTED BY:	J. W.	N.T.S.	104 B/8
REPORT 847		FIGURE No.:	11



N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

* See Figure 5 for location.

SCALE 1:1000

m 0 10 20 40 60 80 100 m

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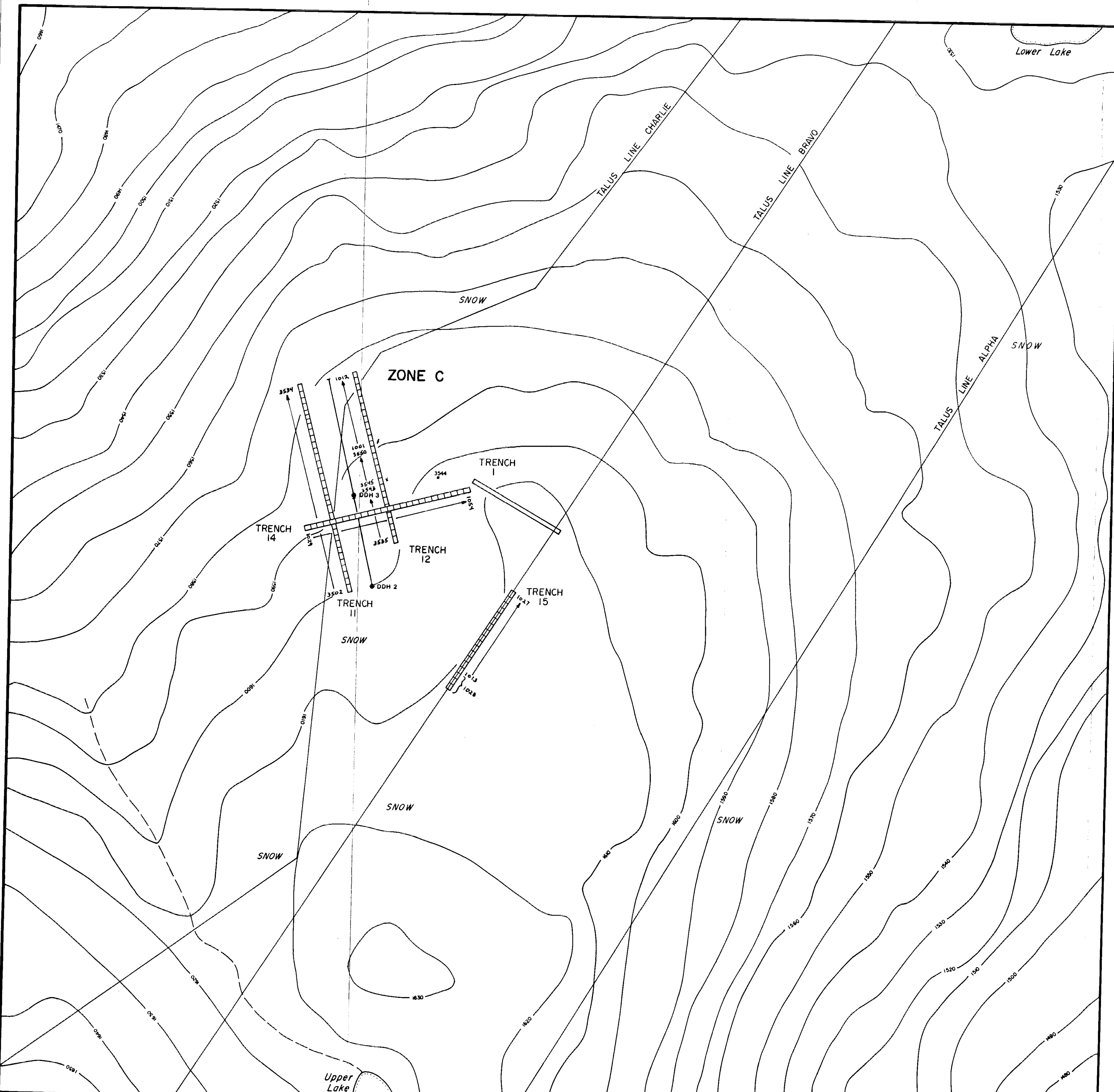
KERR PROJECT
ZONES A & B

GEOCHEMISTRY

SILVER(ppm)

(8)

DRAWN BY: B.H.W.	DATE: Oct., 1985
DRAFTED BY: J.W.	N.T.S. 104 B/8
REPORT 847	FIGURE No.: 12



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

* See Figure 5 for location.

SCALE 1:1000

m 0 10 20 40 60 80 100 m

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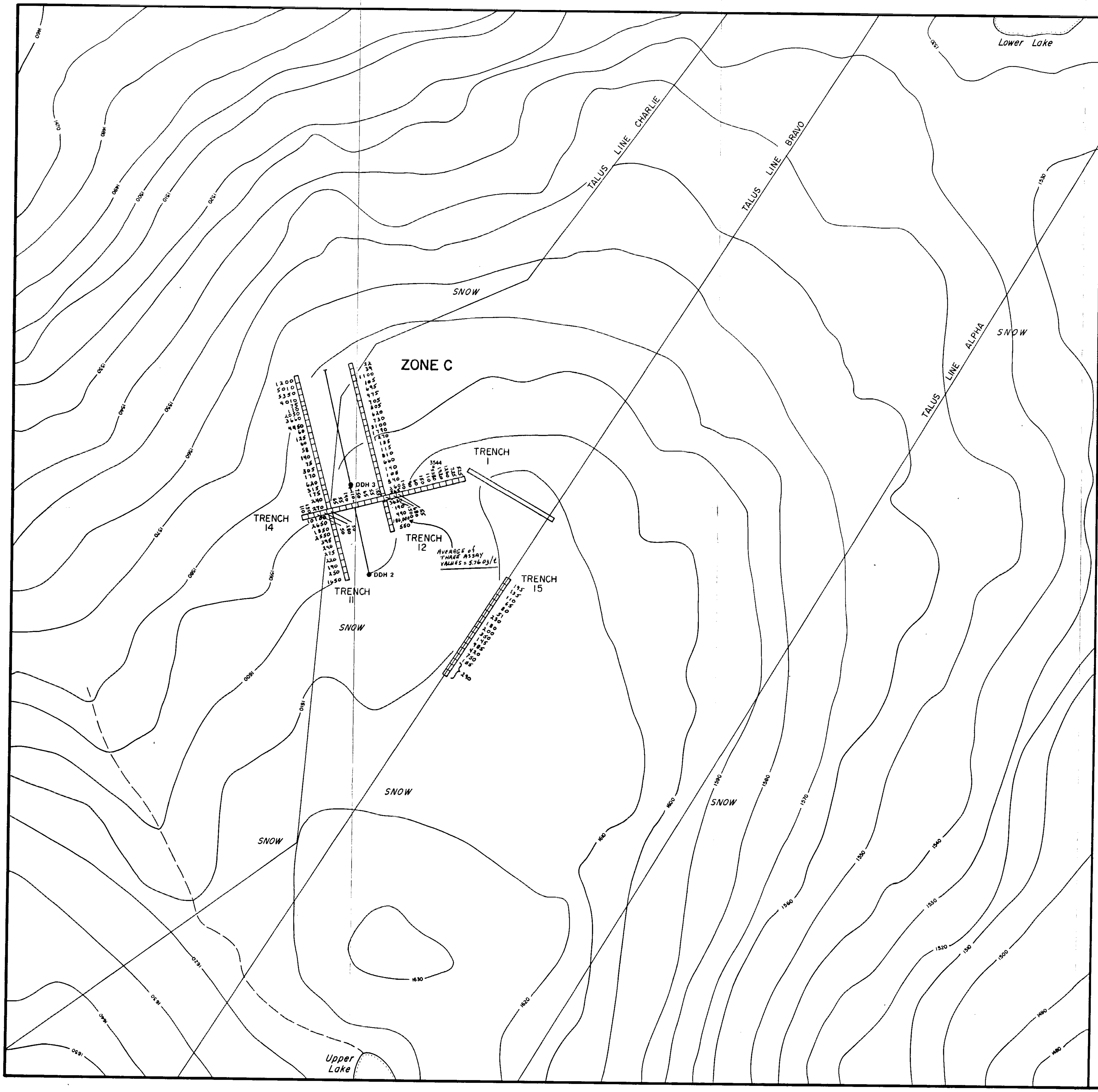
KERR PROJECT
1985
ZONE C

SAMPLE LOCATIONS

(9)

DRAWN BY:	B.H.W.	DATE:	OCT. 1985
DRAFTED BY:	J.W.	N.T.S.	104 B/8
REPORT: 847		FIGURE No.: 13	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,614

* See Figure 5 for location.

SCALE 1:1000

m 0 10 20 40 60 80 100 m

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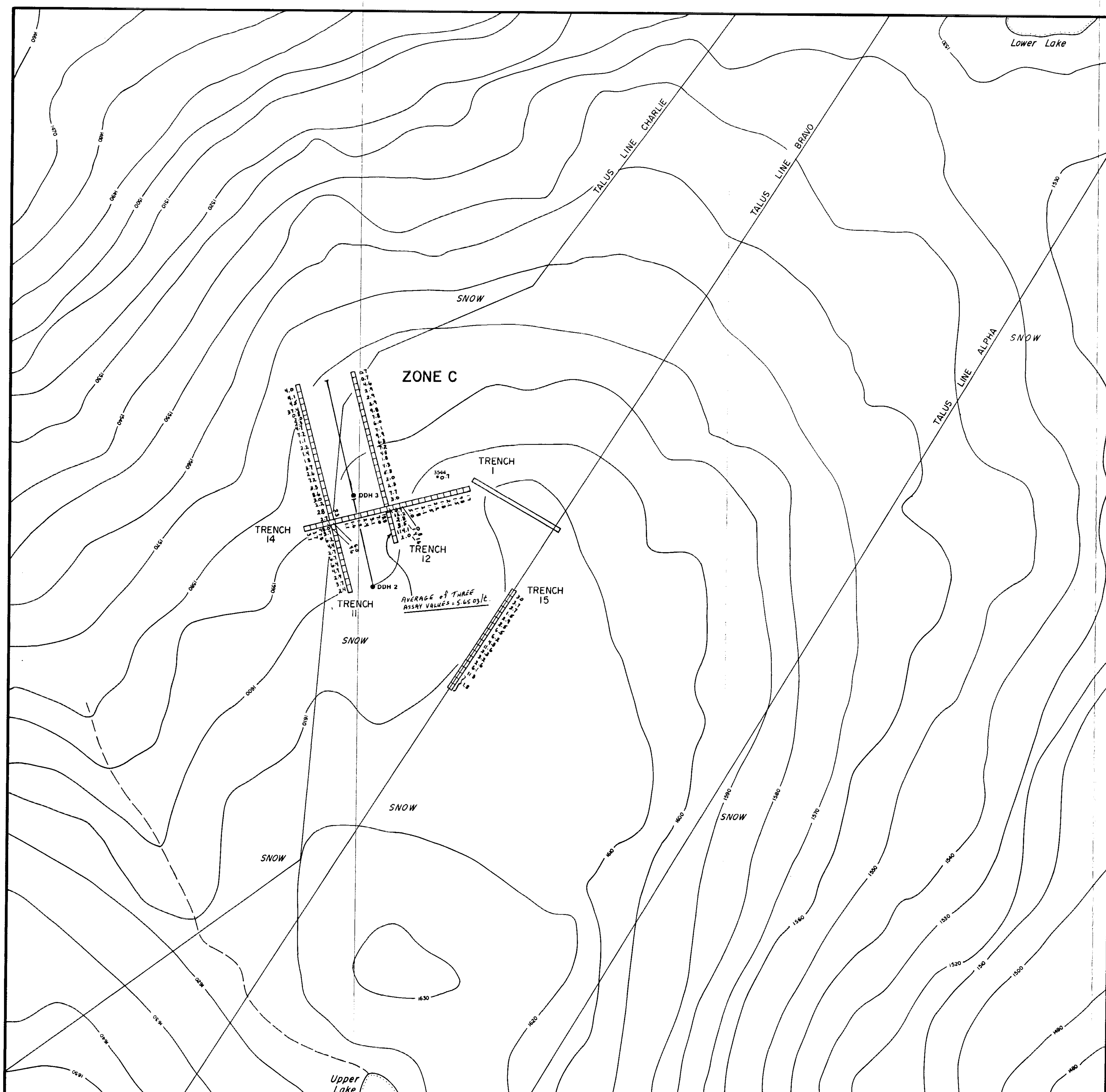
KERR PROJECT
1985

ZONE C

GOLD (ppb)

(10)

DRAWN BY:	B.H.W.	DATE:	OCT. 1985
DRAFTED BY:	J.W.	N.T.S.	104 B/8
REPORT:	847	FIGURE No.:	14



GEOLOGICAL BRANCH ASSESSMENT REPORT

14,614

* See Figure 5 for location.

SCALE 1:1000

m 0 10 20 40 60 80 100 m

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KERR PROJECT
1985

ZONE C

SILVER (ppm)

(11)

DRAWN BY:	B.H.W.	DATE:	OCT. 1985
DRAFTED BY:	J.W.	N.T.S.	104 B/8
REPORT	847	FIGURE No.:	15