830847

REPORT ON
1993 EXPLORATION PROGRAMMES AND POTENTIAL
HEARNE HILL PROPERTY

OMINECA MINING DIVISION
BABINE LAKE AREA, B.C.

Latitude: 55°11'N Longitude: 126°16'W

N.T.S.: 93-M-1W

for

BOOKER GOLD EXPLORATIONS LIMITED
Suite 1070 - 609 West Hastings St.
Vancouver, B.C. V6B 4W4

by

Chris J. Sampson, P.Eng.
Consulting Geologist

Vancouver, B.C.
20 November 1993

SAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, B.C. V6K 2L6

INDEX

LIST OF FIGURES

SUMMARY AND CONCLUSIONS

1. The Hearne Hill claims of Booker Gold Explorations Limited are situated in the Babine Lake district of British Columbia, 65 kms. northeast of Smithers.

2. The property is underlain by volcanic rocks belonging to the middle Jurassic Hazelton group, which consist principally of water lain grey lapilli crystal tuffs and grey andesites, with some associated sedimentary rocks (principally gritty greywackes, siltstones and buff felsic tuffs).

3. The volcanic sequence has been intruded by porphyritic intrusions of approximately 50 million years age which belong to the Tertiary-Eocene Babine igneous suite.

4. Associated with the Babine intrusives on the Hearne Hill property are two types of copper, molybdenum, gold, silver deposits, as follows:
   a. a stock work porphyry-copper of the general Babine type;
   b. a breccia pipe situated within the porphyry deposit which contains high-grade copper-gold mineralization.

5. In the stock work copper/molybdenum porphyry deposit, chalcopyrite, pyrite and molybdenite occur in fracture fillings, disseminations and stockwork quartz veinlets in biotite feldspar porphyry (BFP) and in the surrounding Hazelton volcanic country rock. The host rocks contain biotite and quartz, sericite alteration. Drilling of this deposit by Texas Gulf Sulphur and Canadian Superior Oil in 1968 indicated a geological reserve of 60 million tonnes grading 0.16% copper, 0.1 g/tonne gold, which includes a higher grade core of 16 million tonnes grading 0.32% copper, 0.1 g/tonne gold (at 0.2% copper cutoff).

6. The breccia pipe, situated within the porphyry-copper stockwork, consists of angular clasts up to several tens of centimetres in size of biotite-feldspar-porphyry and Hazelton volcanics. Open space in the breccia prior to mineralization was estimated (Ogryzlo 1991) at 5 to 20% of rock volume.

.../2

Chalcopyrite and pyrite and lesser chalcocite had been deposited in the space between the angular clasts. The largest observed cavity filled with chalcopyrite is in the order of 60 centimetres wide and graded 16% copper. Copper grades appear to be highest adjacent to the hanging wall, which may have acted as a trap for the mineralization. Grades drop towards the footwall where the porosity is plugged with dolomite and rock flour.

7. Drilling of the breccia pipe by Noranda (1989, 1990) intersected 22.9 m. assaying 2.75% copper in hole 89-1 but Noranda concluded that the breccia body is cut out at 70 to 80 metres depth by an intrusion of white massive quartz biotite-feldspar-porphyry, and allowed their option to expire.

8. Subsequent drilling of the breccia pipe by David Chapman (1991) indicated that the area of mineralized breccia may extend to greater depth than that indicated by the Noranda drilling. Of the 7 holes drilled by Chapman only one (91-2) has been assayed (by Kennecott Canada 12 Oct. 91 - See Appendix A). This showed good grade copper mineralization to the bottom of the hole (103.32 m., 339 ft.) and included a 50 m. section which assayed 2.30% Cu (Ogryzlo 1993). In addition several 10 ft. sections contained appreciable amounts of gold in the 0.01 to 0.05 oz/ton range, with one section (160-170 ft.) assaying 0.46 oz/ton gold.

9. The writer's February 1993 report concluded that although the Copper Molybdenum stockwork porphyry deposit is too low in copper and gold grades to be mineable economically, the breccia pipe carries economic grades in both metals. It has been well delineated in lateral extent by drilling but may extend to greater depth than indicated by Noranda's drill programmes in 1989 and 1990.

10. In porphyry systems, breccia pipes rarely occur in isolation. Ogryzlo (1993) pointed out similarities between the breccia body and those occurring at the Cananea deposit Mexico, where several breccia bodies occur along an arcuate structure. The potential for occurrence of other

breccia bodies at Hearne hill is thus considered very high. The geophysical and geochemical surveys on the property were at wide spacing (800 ft. line spacing with some infill at 400 ft.) but despite this wide spaced coverage they showed several untested geochemical and IP (Chargeability) targets which could represent breccia bodies.

11. In order to explore for other breccia pipes, in summer/fall 1993 Booker Gold carried out the following exploration programmes:

a) Trenching

A John Deere 892 backhoe excavated 14 trenches in the vicinity of the mineralized breccia and to the north and east. Mineralization exposed by the trenching programme consists of fracture filling and disseminated copper mineralization in altered Feldspar Porphyry (Babine Igneous Suite) and altered Hazelton andesite volcanic country rocks. Although no mineralized breccia similar to that occurring in the main breccia body was discovered in bedrock, several boulders containing chalcopyrite, pyrite, chalcocite in a breccia strongly resembling that in the main breccia pipe were discovered in overburden consisting of rock slide material in trenches TR93-4 and TR93-5 up slope, i.e. approx. 100 to 200 ft. elevation above the main breccia body.

Samples from the mineralized boulders assayed as high as 20.603% copper, 0.146 oz/ton gold and 1.75 oz/ton silver. Because the boulders are situated above the main breccia zone in rock slide debris which overlies glacial till, they are not considered to be derived from the known breccia body but are probably from an as yet undiscovered mineralized breccia situated to the northeast of the trenched area.

b) Percussion drilling:

Programmes of percussion drilling were done in May/June, 27 July - 7 August and late October. Twenty-one holes totalling 3010 ft. explored the mineralized breccia and surrounding area. Samples of cuttings were

taken for each 10 ft. run and assayed for copper and gold. Hole PH20 drilled on the main breccia body intersected 230 ft. which assayed 2.118% copper, 0.014 oz/ton gold.

c) Magnetometer survey:

In 27 September - 5 October and 1-3 November a magnetometer survey was run over the main breccia body and the area north and east. The contoured magnetometer map showes a pronounced mag low associated with the breccia pipe. It also indicates a mag low 600-700 ft. east of the breccia pipe of similar dimensions and intensity which may represent another breccia pipe.

12. In the 20 February 1993 report Phase 1 and 2 exploration programmes recommended geological mapping, 2000 ft. percussion drilling and geochemical soil sampling (1000 samples).

Booker Gold did the geological mapping and over 3000 ft. of percussion drilling. Based on field observations and results, it was decided by Booker Gold personnel and the writer that trenching programmes and a magnetometer survey would be more successful than further geochemical soil sampling. The programmes done in 1993 by Booker Gold although somewhat altered from the original proposed Phase 1 and 2 considerably exceed the original expenditures proposed and the writer thus considers that Phases 1 and 2 have been successfully completed.

RECOMMENDATIONS AND COST ESTIMATES

1. Extensions of the magnetometer survey to the north and east is recommended because:

   a) the mag low located by the 1993 survey needs defining and closing off. Since it is due east of the known breccia, an east-west structure may be present.
   b) the known breccia body is elongated 010 to 020, i.e. it may be on a fracture zone which strikes in that direction.
   c) the area northeast of the main breccia is up slope and is covered by rock slide debris.
   d) the geochemical and geophysical compilation map (Figure 7) shows strong copper values in soils and high chargeability I.P. open to the northeast of the main breccia.

2. Trenching of targets located by the magnetometer survey followed by diamond drilling is recommended. Cost estimates are as follows:

	$
Magnetometer Survey: Rechain north south lines and cut new lines where required. Flag additional east west lines: 20 days at $500/day (includes report preparation)	10,000
Interpretation, selection of targets, supervision, etc.	5,000
Trenching: 10 days at $1000/day backhoe rental	10,000
Mapping, sampling, analyses, travel, etc.	10,000
1000 m. (3000 ft.) NQ diamond drilling at $20/ft.	60,000
Report preparation, supervision, etc.	5,000
	$100,000

1. INTRODUCTION

"Report on Geology, Exploration Results and Potential of the Hearne Hill Property" (Sampson 20 Feb. 1993) concluded that previous exploration programmes on Booker Gold's Hearne Hill property had located a porphyry-molybdenum deposit which is of sub-economic grade, but which contains a breccia body carrying economic copper and gold grades. Programmes of exploration were proposed in order to explore the property for other breccia bodies.

During the summer and fall of 1993, Booker Gold personnel carried out programmes of geological mapping, trenching, percussion drilling and magnetometer geophysics in order to explore the known breccia zone and try to locate other mineralized breccias. The writer accompanied Hugh Grenfal, president of Booker Gold, on two visits to the property, and examined the trenching, results of percussion drilling, and mapped the geology of the area surrounding the known breccia zone. This report is thus based on field examinations, supervision of work programmes carried out in 1993, and examination of assay results produced by the trenching, percussion drilling programmes and results of the magnetometer geophysical survey.

2. PROPERTY, LOCATION, ACCESS, CLIMATE

The Hearne Hill Property (also known in old reports as Kofit) is situated as follows:

Latitude	Longitude	Average Elevation	NTS
55°11'N	126°16'W	3600 ft. (1100 m.)	93-M-1W

The property consists of two metric unit claims, and 17 two post claims:

Name of Claim	Units	Record Number	Expiry Date
Hearne 1	15	12662 (242812)	7 Oct. 1999
Hearne 2	15	12663 (242813)	7 Oct. 1999
PB1	1	321701	20 Oct. 1994
PB2	1	321701	20 Oct. 1994
PB3	1	321703	20 Oct. 1994
BG1	1	317528	16 May 1994
2	1	317529	16 May 1994
3	1	317530	16 May 1994
4	1	317531	16 May 1994
5	1	317532	16 May 1994
6	1	317533	16 May 1994
7	1	317534	16 May 1994
8	1	317535	16 May 1994
HG1	1	319913	11 Aug. 1994
2	1	319914	11 Aug. 1994
3	1	319915	11 Aug. 1994
4	1	319916	11 Aug. 1994
5	1	319917	11 Aug. 1994
6	1	319918	11 Aug. 1994

The property is situated on the western slopes of Hearne Hill, approximately 65 kms. northeast of Smithers in central British Columbia.

It is accessible by road from the former producing Bell Mine site. The Northwood pulp and timber logging road on the eastern side of Babine Lake provides year-round access to within 4 kilometres of the property. A four-wheel drive exploration road intersects the Northwood road at kilometre 40, 21 kilometres north of the Bell Mine site. This intersection is approximately one kilometre east of the Morrison bridge. Access is then gained by 4-wheel drive vehicle for an additional distance of 4 kilometres north to the 3600 ft. elevation on the Hearne Hill property.

BOOKER GOLD EXPLORATIONS LTD.

HEARNE HILL PROPERTY

OMINECA MINING DIVISION, B.C. NTS: 93 M/1

LOCATION MAP

DATE: DEC., 1992

BY: C.J.S.

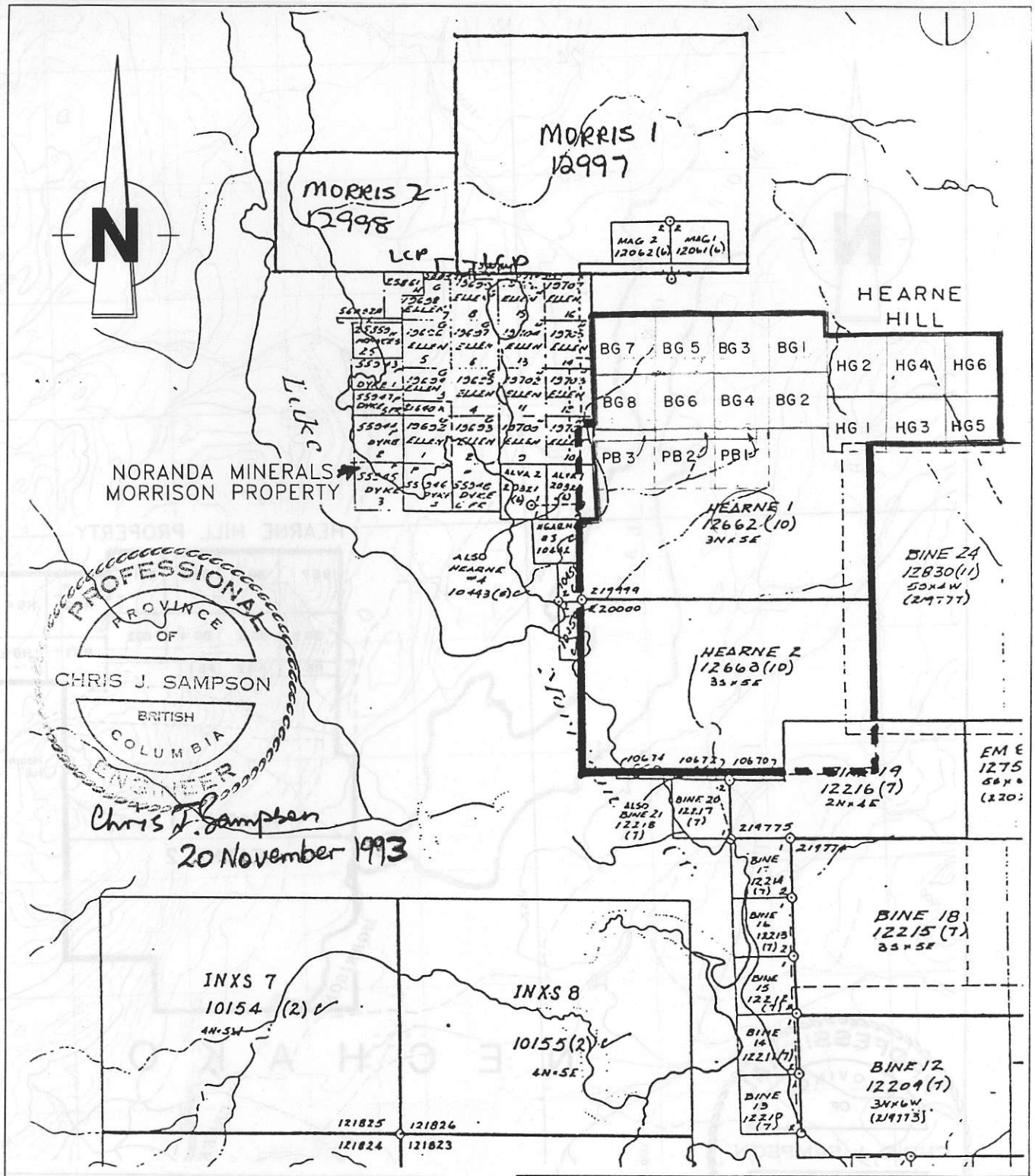
FIGURE: 1

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
CHRIS J. SAMPSON

Chris J. Sampson

20 November 1993

R.W.R. MINERAL GRAPHICS LTD.



BOOKER GOLD EXPLORATIONS LTD.

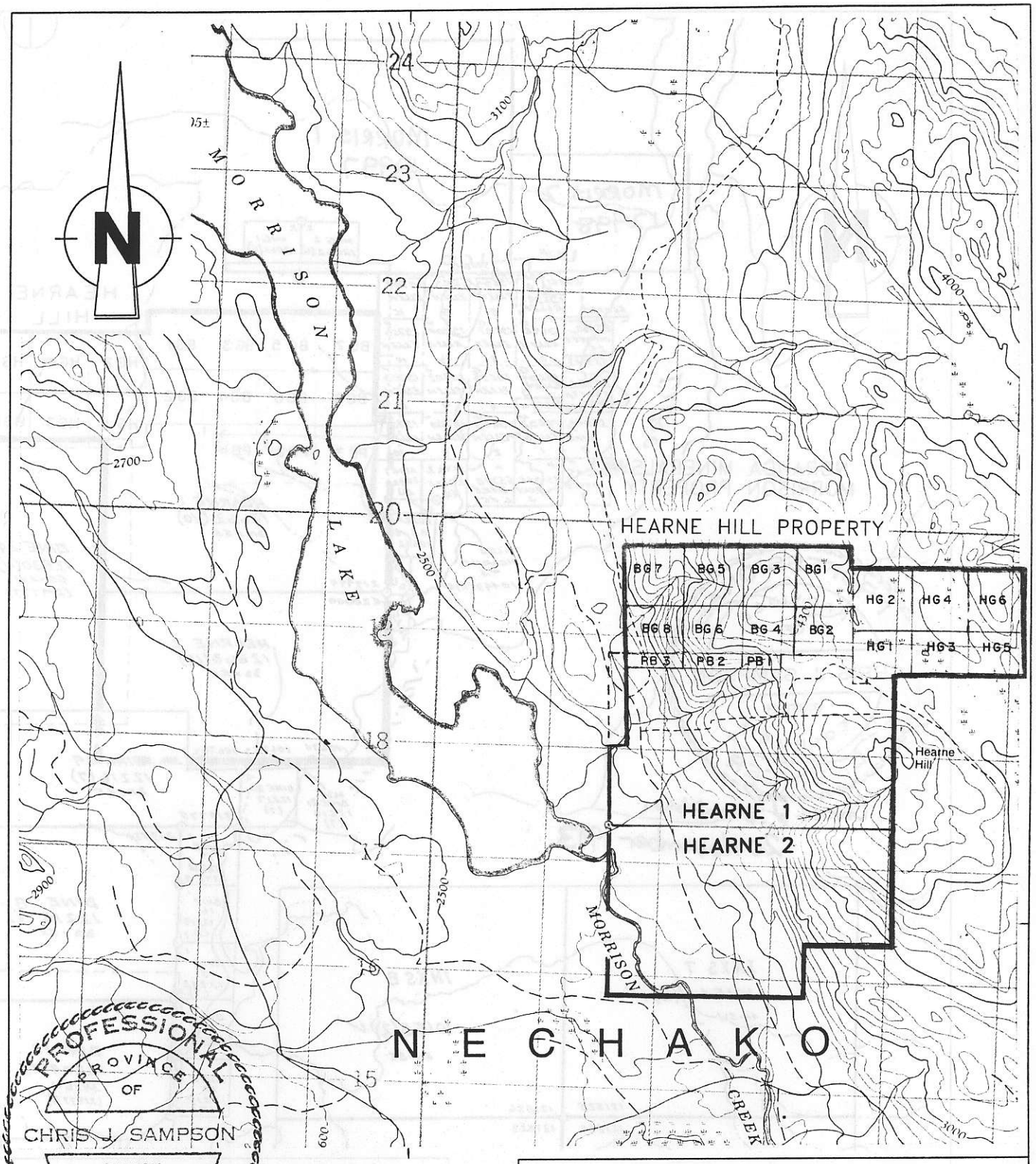
HEARNE HILL PROPERTY

OMINECA MINING DIVISION, B.C. NTS: 93 M/1

CLAIM MAP

DATE: DEC., 1992 Rev. NOV., 1993

BY: C.J.S. SCALE: 1:50,000 FIGURE: 2



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
CHRIS J. SAMPSON

Chris J. Sampson
20 November 1993

0 1 2
Km

BOOKER GOLD EXPLORATIONS LTD.

HEARNE HILL PROPERTY
OMINECA MINING DIVISION, B.C. NTS: 93 M/1

TOPOGRAPHY MAP

DATE: DEC., 1992 Rev. NOV., 1993
BY: C.J.S. SCALE: 1:50,000 FIGURE: 3

The Bell Mine property is accessible from Smithers, B.C. by 150 kilometres of paved road (via Houston) to the village of Granisle. Access is then a further 14 kilometres by gravel road to the Noranda Minerals ferry slip on the western shore of Babine Lake. Year-round access to the Bell Mine site is by a further 3.5 kilometres ferry crossing of Babine Lake.

An alternate access route is from Smithers to Topley Landing, then by Northwood barge across Babine Lake and via the Nose Bay, Hagan, Jinx and Nak roads to the Hearne Hill road.

The property varies in elevation from a low of 734 m. (2405 ft.) on Morrison Creek on the west side to a high point of 1350 m. (4430 ft.) on Hearne Hill on the east side of the property. Hearne Hill forms part of ridge trending northwest/southeast caused by the block faulting in the area. The western slope of the ridge which forms much of the Hearne Hill property is quite steep and drained by several small creeks which drain westward into Morrison Lake.

3. EXPLORATION HISTORY

The Babine Lake area has been actively explored since the 1920s. In the 1950s and 1960s, British Columbia experienced an exploration boom for porphyry-copper deposits. The Babine Lake area was intensely explored by programmes of prospecting, geophysics and geochemistry, which resulted in the discovery of many porphyry-copper deposits, two of which - Granisle and Bell - were subsequently placed in production. The Granisle Mine, which was discovered by Granby (later Zapata-Granby, and eventually sold to Noranda as part of Bell Copper Division) started production in 1955 at 5000 TPD, subsequently increased to 14,000 TPD. The mine closed in 1982. The Bell Mine of Noranda Minerals was commissioned in 1972 at 10,000 TPD, which was subsequently increased to 17,000 TPD by 1980. It was closed in 1992 and is currently kept on a care and maintenance basis.

Reserves at start up at Granisle were 94 m. tons 0.43% Cu, 0.004 oz/ton Au at Bell 128 m. 0.48% Cu, 0.010 oz/t Au (Sinclair, Carter, Dawson - A preliminary analysis of gold and silver grades of porphyry type deposits in Western Canada. Assoc. of Exploration Geochemists 1982).

The presence of copper mineralization at the Hearne Hill property has been known for many years. In 1967, Trojan Consolidated Mines and Buttle Lake Mining did magnetometer and soil sampling surveys over the property (Dirom 1967). This was followed up by bulldozer trenching which discovered the breccia boulders (identified as "discovery showings" on maps of the property - Trench T93-3).

The property was optioned by Texas Gulf Sulphur Company who did programmes of IP, magnetometer and diamond drilling (12 holes totalling approx. 6,000 ft. (1942 m.) in 1968. The drill programme indicated presence of a Babine style porphyry-copper deposit on the Hearne Hill property, similar to the Bell, Morrison, and Granisle deposits. Texas Gulf calculated the overall grade of the porphyry deposit at 0.2% cppper, but drilling apparently failed to intersect the mineralized breccia, although according to Ogryzlo (1990) the lower portion of HH1-1967 apparently intersected the dolomite cemented footwall portion of the breccia pipe. Texas Gulf Sulphur considered that the copper grade was not sufficiently high to support exploitation of the deposit.

In 1968 the property was optioned by Canadian Superior Exploration, who did geological mapping, induced polarization, magnetometer and geochemical sampling surveys, followed by some preliminary diemond drilling (Kahlert and Fawley 1968). Canadian Superior followed this with a programme of percussion drilling in 1969 (Kahlert 1969).

The property then lay dormant for many years until it was acquired by Dave Chapman in 1989. He carried out a limited programme of trenching on the old showings with a skidder mounted backhoe and rekindled interest in the property.

In July 1989 Noranda Minerals and Bell Mine (a Noranda Mines subsidiary) optioned the property. They re-established the original Texas Gulf line grid and carried out a programme of geochemical soil sampling to relocate the original anomaly, which is essentially in place over the mineralization. This was followed by a programme of diamond drilling consisting of 6 holes totalling 1537 ft. (468 m.) fall 1989 in order to establish whether the mineralization in the breccia pipe exposed at surface had any vertical continuity and secondly to establish the attitude of the mineralization.

As reported by Ogryzlo (January 1991) 4 holes intersected the mineralization. Hole H89-1 was lost in mineralization at 270 ft. (82 m.) when the rods stuck in a mud seam. The last core run was recovered including the mud seam which assayed 3.32% copper. Significant intersections from the 1989 drilling programme are summarized as follows:

SUMMARY OF RESULTS - 1989 PROGRAMME

HOLE NUMBER	FROM feet(meters)	TO feet(meters)	WIDTH feet(meters)	% Cu
H89-1	190.0(57.9)	227.5(69.3)	37.5(11.4)	1.34
	227.5(69.3)	270.0(82.3)	42.5(12.9)	3.61
H89-2	45.0(13.7)	65.0(19.8)	20.0(6.1)	1.84
	65.0(19.8)	85.0(25.9)	20.0(6.1)	2.68
	85.0(25.9)	130.0(39.6)	45.0(13.7)	1.10
H89-3	60.0(18.3)	77.5(23.6)	17.5(5.1)	2.11
H89-4	97.5(29.7)	160.0(48.8)	62.5(19.1)	0.78

The drilling established that the overall trend of the breccia deposit is N10E. The hanging wall of the breccia pipe dips approximately 70°E, the footwall dips at approximately 80°E.

In 1990 Noranda drilled a further 5 NQ size holes, totalling 2,807 ft. (856 m.) in order to test the vertical extent of the mineralized breccia.

As reported by Ogryzlo (January 1991) hole H90-3 was the only hole to intersect the full width of the breccia. Mineralization was intersected over a width of 80 ft. (24.4 m.) with an average grade of 0.67% Cu, 0.05% Mo and 0.005 oz/ton Au. Holes H90-1 and H90-5 also intersected sections of the mineralized breccia. Much of the target area, however, was largely occupied by post-mineral intrusions of biotite-feldspar-porphyry including a massive unit of bleached white BFP, similar to the post-mineral QFP body that has replaced approximately 1/3 of the Bell ore body. Holes H90-2 and H90-4 also intersected post-mineral intrusions. Significant intersections from the 1990 drill programme are summarized as follows:

SUMMARY OF RESULTS - 1990 PROGRAM

HOLE NUMBER		FROM feet(meters)	TO feet(meters)	WIDTH feet(meters)	% Cu
H90-1		340.0(103.6)	400.0(121.9)	60.0(18.3)	0.39
	(includes)	372.5(113.5)	395.0(120.4)	17.5(5.3)	0.59
H98-2		380.0(115.8)	691.0(210.6)	311.0(94.7)	0.18
H90-3		80.0(24.4)	390.0(118.9)	310.0(94.5)	0.31
	(includes)	305.0(93.0)	385.0(117.3)	80.0(24.4)	0.67
H90-4		110.0(33.5)	465.0(141.7)	355.0(108.2)	0.22
H90-5		Weakly mineralized over		557.0(169.8)	0.11
	(includes)	minor breccia		5.0(1.5)	0.56

Noranda concluded that the breccia pipe is of limited size, both in a horizontal and vertical direction and the mineralization has been partially replaced by unmineralized BPF intrusives. Their option expired 1 January 1991.

David Chapman in 1991 drilled 7 diamond holes totalling approximately 550 metres in the breccia zone, of which hole 91-2 intersected 50.0 metres assaying 2.3% Cu. This included one 10 foot section which assayed 0.401 oz/ton gold.

4. REGIONAL GEOLOGY

The Hearne Hill area is situated on the northern edge of the Skeena Arch in a region which is underlain by volcanic and epiclastic rocks ranging in age from lower Jurassic (Telkwa) formation to lower Cretaceous (Skeena) group. This sequence of rocks has been cut by a generally northwest trending series of faults that have created a long linear sequence of horsts and grabens, and the rocks have been intruded by a variety of intermediate to felsic stocks, plugs and dikes of Eocene age (Richards 1990). The geological setting has been described by Tipper and Richards (1976).

The Tertiary, Eocene - 50 m.a., Biotite-Feldspar-Porphyry plugs and stocks of the Babine igneous suite were emplaced along major faults in a continental magmatic arc. Two ore bodies (Bell and Granisle) and numerous sub-economic deposits (Morrison and Hearne among others) occur as porphyry-copper deposits which are temporally and spatially associated with the Babine igneous suite intrusions (Carson and Jambour 1973). The Babine igneous suite is a high potassium, calcalkaline suite which show some trace elements normally associated with alkaline porphyry coppers rather than calcalkaline.

5. PROPERTY GEOLOGY, MINERALIZATION AND ALTERATION

The following description of geological setting, mineralization and alteration is based on Ogryzlo 1991 as follows:

5.1 Geological Setting:

Hearne Hill is underlain by volcanic rocks of the lower to middle Jurassic Hazelton Group (Richards, 1973). The volcanic rocks on the property have been tentatively associated with the submarine Kotsine facies of the Sinemurian Telkwa formation (Tipper and Richards, 1976). The volcanic rocks are characterized by waterlain grey lapilli-crystal tuffs and grey andesite. Associated sedimentary rocks are gritty greywackes, green siltstones and buff felsic tuff.

These rocks have been intruded by prophyritic intrusions of the 50 my Eocene Babine igneous suite. Mapping by Booker Gold shows that the Eocene biotite-feldspar prophyry (BFP) intrusives are in the form of a series of northeasterly trending dykes. The intrusives are compositionally equivalent to a diorite or a quartz diorite. The BFP that is exposed on the 300N baseline near 300E is a dark, hard, biotitized BFP similar to rocks observed in the Morrison Lake deposit. There is no well defined intrusive center of the BFP similar to the centers noted at the Bell Mine (Carson et al 1976) and at the Morrison deposit (Carson and Jambour, 1976). Porphyry copper related mineralization consists of chalcocite, and minor bornite filling fractures, minor disseminations of chalcopyrite, and traces of molybdenite. The style of mineralization suggests a relatively deep setting for the environment of emplacement.

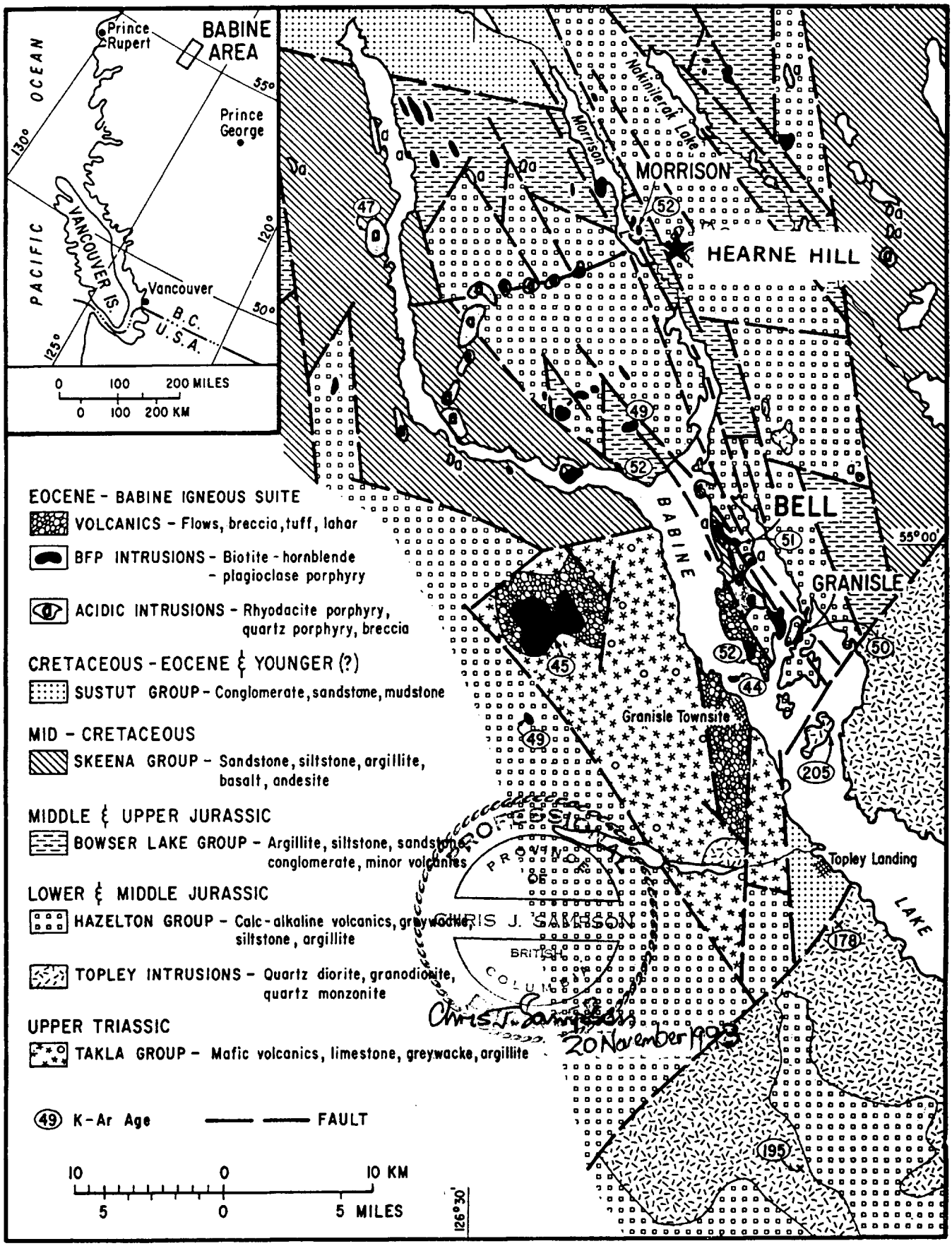
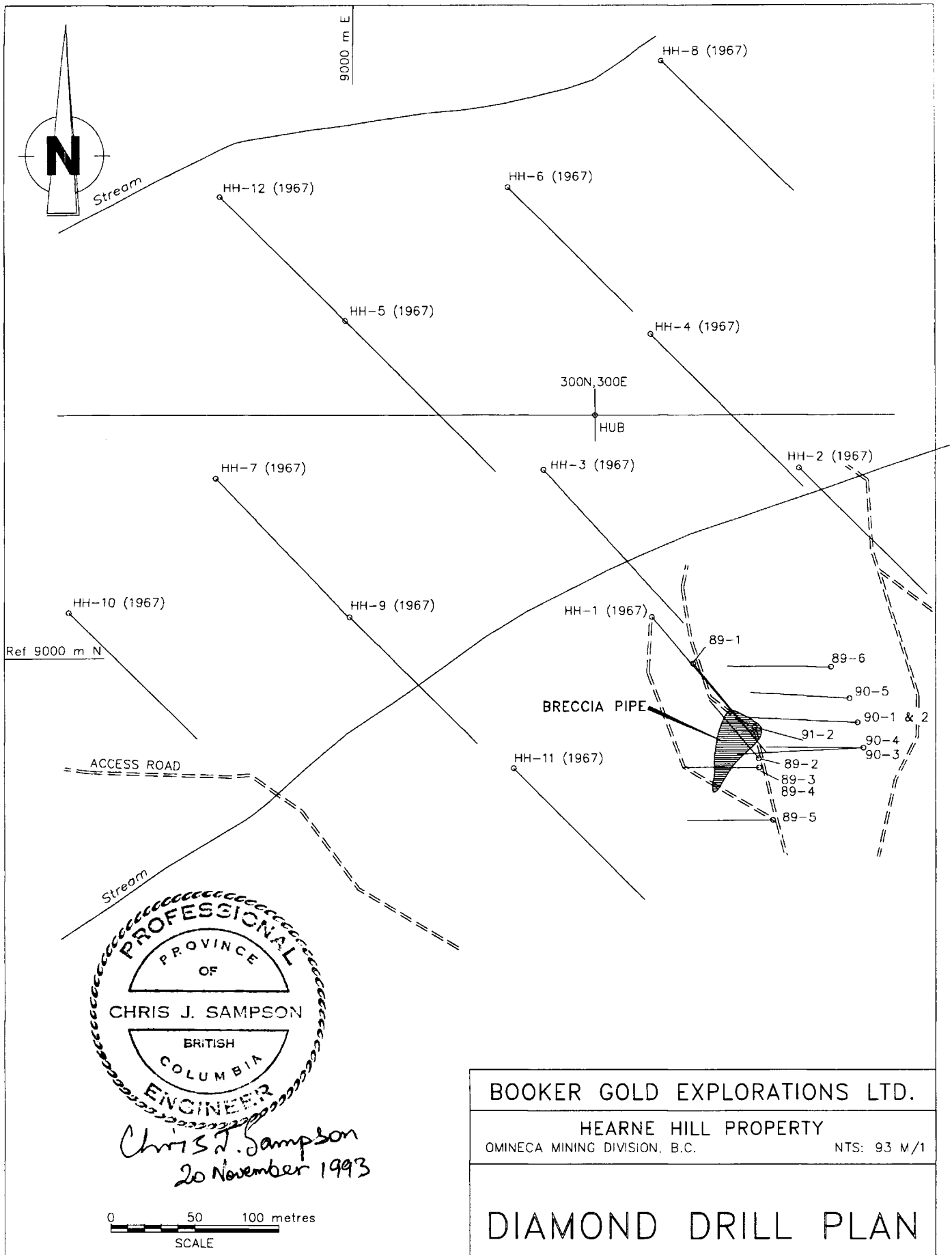


FIGURE 4 – Geology of the Northern Babine Lake Area and Location of the Hearne Hill, Morrison, Granisle and Bell Copper Porphyry Deposits, K–Ar age determinations are after Carter (1974) and the Geological Survey of Canada. (From: CIM Special Volume No.15)



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
CHRIS J. SAMPSON

Chris J. Sampson
20 November 1993

0 50 100 metres
SCALE

NOTE: "AFTER OGRYZLO 1993"

BOOKER GOLD EXPLORATIONS LTD.

HEARNE HILL PROPERTY
OMINECA MINING DIVISION, B.C. NTS: 93 M/1

DIAMOND DRILL PLAN

DATE: DEC.,12,92
BY: C.J.S.
SCALE: As Shown
FIGURE: 5

A distinctive phase of the BFP intrusions appears to be either very late or post mineral in age. The rock is a massive white BFP with intense sericite-pyrite alteration. Plagioclase is soft, white, and completely altered to sericite. Biotite is bleached pale brown to white and is sericitized as well. the massive unbroken structures suggest that the rock was emplaced after the structural events that are evident in most of the other units observed. The rock is similar in appearance to the QBFP (QFP) post mineral phase that occupies the southeastern portion of the Bell orebody, but lacks the quartz phenocrysts.

Ogryzlo concluded that the intrusions on Hearne Hill are multiphase, with more than one intermineral or post mineral intrusion of BFP.

5.2 Mineralization

Two styles of mineralization are present: These are:

1. Porphyry Copper Mineralization

   Chalcopyrite, bornite and molybdenite occur as fracture fillings and disseminations in the biotite feldspar porphyry and the adjacent volcanics. This mineralization is due to a large but weakly developed porphyry copper system of the Cu-Mo type.

   During the 1990 program, it became evident that many of the biotite feldspar porphyry units observed in the drill core were intermineral or post mineral in age. The erratic nature of the copper distribution is caused by these late stage intrusions. The volcanic rocks in contact with late stage BFP are invariably higher in grade. The volcanics (Hazelton, i.e. Jurassic) were deposited long before any mineralizing event, and have been subjected to all stages of mineralization. When the distribution of copper in the volcanics alone is examined, it appears that grades are increasing to the south and west of the breccia pipe.

   Ogryzlo concluded that mineralization trends in the volcanics deserve far more study. Grades are within the range of grades occurring in volcanics adjacent to the Bell and Granisle deposits, namely from 0.15% to 0.40% Cu. Although the

distribution of mineralization is greatly complicated by the post-mineral intrusions, there is still potential for the development of a porphyry copper deposit. Pursuit of grade trends in the volcanics could indicate a center of mineralization.

2. Breccia Mineralization

Chalcopyrite occurs filling open spaces between rock fragments in a clast supported breccia. Open space in the breccia prior to mineralization comprised 5% to 20% of the volume of the rock. Interclast porosity remains at 2% to 8% of the volume of the rock. Pyrite also occurs as breccia cement, but is subordinate to chalcopyrite. Pyrite disappears as breccia cement at depth, with chalcopyrite along with lesser chalcocite being the only sulphide species present.

The largest observed cavity filled with chalcopyrite is in the order of two feet (50 centimeters) and grades 16% Cu. Copper grades are highest adjacent to the hangingwall, which may have acted as a trap for the mineralization. Grades drop dramatically towards the footwall, where the porosity is plugged with dolomite and rock flour.

There appears to have been little movement or milling of the clasts. The breccia fragments appear to have simply accumulated as a subterranean talus that caved from the roof in a large cavern or steeply dipping pipe. The mode of formation of the pipe is uncertain. It is possible that the void resulted from solution of the rock by circulating corrosive fluids related to the porphyry copper mineralization seen elsewhere on Hearne Hill.

Supergene processes have redistributed the copper grades. The oxidized breccias in the surfaoe trenches reveal limonite cement replacing sulphide open space filling. Malachite and azurite may also be seen as breccia cement. Chalcocite may be seen as rims of chalcopyrite in most breccia cavities, and rarely may be seen almost completely replacing masses of pyrite. Total sulphide content in the breccia is 10% to 15%, of which up to 1% may be comprised of chalcocite.

Ogryzlo concluded that "the mineralization has been derived by solution and redistribution of the porphyry copper mineralization found in the carbonate cemented clasts that collected against the footwall. Although these clasts are lithologically identical to the wallrocks, copper grades in the footwall breccia are in the order of 0.01% Cu to 0.3% Cu as compared to 0.10% Cu to 0.20% in the adjacent rocks from which they were apparently derived. The carbonate open space filling appears to post date the sulphide open space filling.

The breccia clasts may be lithologically identical to the enclosing wallrocks, making the breccia virtually monolithologic. Heterolithic breccia were observed in holes H90-3 and H90-1. Sericitized and bleached biotite feldspar porphyry clasts with grey andesite and tuffaceous felsic clasts form the bulk of the pipe. The only control on the location of the pipe appears to be the contact between the biotite feldspar porphyry and the volcanics. The greater proportions of volcanic clasts occur closer to the contact. Many clasts reveal pre-breccia mineralization consisting of sulphide and quartz sulphide veinlets. (It should be noted that the volcanics have been mapped as "hybrid diorite" in earlier assessment reports.)

Ogryzlo (1993) subsequently estimated the breccia body to contain a drill indicated resource (i.e. geologic reserve) of 143,000 tonnes grading 0.74% copper and 0.9 g/tonne gold.

6. 1993 EXPLORATION PROGRAMMES

During summer and fall 1993, Booker Gold carried out programmes of percussion drilling, trenching, magnetometer geophysics and geological mapping. These programmes are described as follows:

6.1 Trenching

From 14-22 July and 20-24 September 1993, Booker Gold used a John Deere 892 backhoe operated by Ira Bowd and owned by Ernie and Kevin Dubrak to excavate 14 trenches in the vicinity of the mineralized breccia body. The trenches were mapped and sampled in detail by Mr. J. Cam Steven and the writer. Location, geology and sampling results of the trenching programmes are shown in Figure 9.

The trenching programme extended the area of the known breccia pipe to NE and SW and confirmed the geology of the area to the east and north of the originally located area of showings.

The programme located a shear/breccia zone in trenches 93-4, 93-5, 93-9, 93-6, and 93-8. This strong shear/breccia zone, 30-50 feet wide which strikes approximately N30E, contains only low copper and gold values. Breccia fragments consist principally of altered andesite derived from the country rock. It is a different type of breccia from that seen in the main zone, and is probably of tectonic origin.

All mineralization exposed by the trenching programme in bedrock consists of fracture filling and disseminated copper mineralization in altered Biotite Feldspar Porphyry and andesite country rock. Apart from the breccia body described in the previous paragraph, no breccias resembling the main mineralized breccia were discovered in bedrock.

In trenches 4 and 5, however, boulders of mineralized breccia up to 1.5 m. size were encountered in overburden. This breccia very strongly resembles that occurring in the main breccia zone, namely it consists of fragments of altered biotite feldspar porphyry or andesitic material in a fine grained silicified and

altered matrix which contains chalcopyrite, chalcocite and pyrite. Samples from this breccia float assayed as high as 20.603% copper, 0.146 oz/ton gold and 1.75 oz/ton silver. The trenches are situated up slope from the main breccia body, i.e. the breccia boulders are some 100-200 feet higher in elevation than the top of the main breccia zone. The entire area explored by trenches 93-14, 4, 13, 5, 5A, 6, 9 and 10 plus the areas to the north and east are covered by extensive rock slides which apparently have travelled down the mountain side from the east and northeast. It was concluded from the field evidence that the mineralized breccia boulders seen in overburden at TR93-4 & TR93-5 are not derived from the main breccia zone because they are situated well above it. They probably originated from another mineralized breccia body which lies to the north-northeast or east of the known breccia zone.

				ASSAY	
Trench No.	Length Sampled(ft)	Distance(ft)	Copper%	Gold oz/t	Silver oz/t
T93-2	80-165	85	2.30	0.012	0.19
T93-3	0- 41	41	0.21	0.002	0.01
	110-180	70	0.911	0.005	0.15
T93-4	280-340	60	0.166	0.004	0.01
	Grab samples from mineralized breccia boulders		20.603	0.146	1.75
			0.812	0.001	0.04
			0.582	0.002	0.06
			0.075	0.001	0.01
T93-5	150-190	40	0.221	0.004	0.01
T93-7	0- 20	20	0.267	0.003	---
T93-14	60- 70	10	1.28	0.11	Not assayed
	70- 80	10	2.706	0.041	"
	80- 90	10	0.533	0.010	"
	90-100	10	0.307	0.004	"
	60-110 ft.	40	1.206	0.016	-

6.2 Percussion Drilling

Percussion drilling was done on the property in late May - early June, 27 July - 7 August and in late October. 21 holes, totalling 3010 feet, were drilled. Locations are shown on Figure 8. Cuttings were sampled from each 10 foot run and assayed for copper and in some cases for gold. The following table shows assay results averaged over the length of each hole.

DRILL HOLE	INTERVAL (ft)	LENGTH (ft)	ASSAY COPPER ppm(%)	ASSAY Gold ppb (oz/t)
PH1	40-100	60	89	11
PH2	30- 90	60	92	8
PH3	10-100	90	134	19
PH4	10-160	150	186	37
PH5	30-110	80	1642	91
PH6	20-150	130	337	8
PH7	20-110	90	554	17
PH8	20-150	130	243	7
PH9	20- 50	30	130	7
PH10	20-160	140	404	11
PH11	20-100	80	1195	36
PH12	10- 40	30	977	20
PH13	30-200	170	(0.214)	
PH14	20-200	180	(0.164)	
PH15	20-120	100	(0.083)	
PH16	20-150	130	(0.074)	
PH17	20-210	190	(0.154)	54
PH18	20-200	180	(0.115)	34
PH19	20-210	190	(0.028)	
PH20	20-250	230	2.118	(0.014)
PH21	10-150	140	0.546	(0.008)
	3010 ft.			

The percussion drilling programme generally confirmed the known distribution of copper mineralization with the exception of PH5 which intersected 80 feet of mineralized altered volcanic assaying 1642 ppm copper and 91 ppb gold in an area well to the south of the previously assumed limit of porphyry-copper mineralization. In addition, hole PH20 drilled on the downdip extension of the main breccia zone intersected significant copper and gold mineralization, as follows:

FOOTAGE	% COPPER	FIRE GOLD oz/ton	METALLIC AVG. GOLD oz/ton
20- 30	2.058	.026	.050
30- 40	4.535	.029	.043
40- 50	2.064	.020	.021
50- 60	2.234	.019	.024
60- 70	1.966	.036	.015
70- 80	2.121	.015	.016
80- 90	2.836	.014	.016
90-100	2.005	.016	.023
100-110	2.442	.009	.021
110-120	2.468	.019	.012
120-130	2.495	.017	.017
130-140	1.857	.023	.019
140-150	1.549	.006	
150-160	1.472	.005	
160-170	1.303	.004	
170-180	1.216	.009	.009
180-190	1.194	.005	
190-200	.951	.006	
200-210	1.193	.004	
210-220	2.206	.008	.008
220-230	2.016	.012	.010
230-240	3.058	.014	.015
240-250	2.503	.011	.012
	END OF HOLE		

6.3 Magnetometer Survey

During 27 September - 5 October and 1-3 November, a magnetometer survey using a Scintrex MP2 proton procession magnetometer was run between 289N to 297N across the main breccia body and in the area to the north and east (Figure 10). Readings were taken at 10 foot intervals along the 50 foot spaced east-west lines, i.e. a total coverage of 13,200 lineal feet. The contoured magnetometer map (Figure 10) shows a well defined magnetometer low, associated with the main breccia body. It also indicates presence of another similar magnetic low feature situated on the extreme eastern side of the magnetometer grid, 600-700 feet east of the main breccia body. This magnetometer feature will be investigated by the exploration programme, proposed in this report.

6. REFERENCES

Carson, D.J.T. and Jambour, J.L. Mineralogy, Zonal Relationships and Economic Significance of Hydrothermal Alteration at Porphyry Copper Deposits, Babine Lake Area, B.C., C.I.M. Bulletin, February 1974.

Carson, D.J.T., Jambour, J.L., Ogryzlo, P.L., and Richards, T. (1976). Bell Copper: Geology, Geochemistry and Genesis of a Supergene-Enriched Biotitized Porphyry Copper Deposit with a Superimposed Phyllic Zone in Porphyry Deposits of the Canadian Cordillera. Canadian Institute of Mining and Metallurgy Special Volume 15.

Carson, D.J.T. and Jambour, J.L. (1976). Morrison: Geology and Evolution of a Bisected Annular Porphyry Copper Deposit in Porphyry Deposits of the Canadian Cordillera. Canadian Institute of Mining and Metallurgy Special Volume 15.

Dirom, G.A. (1967). Geochemical and Magnetometer Report «K» Group of Mineral Claims Morrison Lake. British Columbia Ministry of Mines Assessment Report 1102.

Kahlert, B.H., and Fawley, A.P., 1968, Report on geological, geophysical and geochemical surveys and preliminary diamond drilling on the Trobuttle Mines Limited property, Morrison Lake. B.C. Min. of Energy, Mines and Petroleum Resources, Assessment Report 1854, 11 pp. plus appendices.

Kahlert, B.H., 1969, Morrison Lake area drilling results: Map prepared for Canadian Superior Exploration Ltd.

Kirkham, R.V. (1971). Intermineral intrusions and their bearing on the origin of porphyry copper and molybdenum deposits. Economic Geology Volume 66, pp. 1244-1249.

Newell, J.M., 1968, 1967 exploration report, Hearne Hill properties, Omineca Mining Division, B.C.: Report for Texas Gulf Sulphur Co.

Ogryzlo, P.L., 1991, 1990 diamond drilling program of the Hearne Hill breccia pipe: Report for Noranda Minerals Inc., 13 pp. plus appendices.

Ogryzlo, P.L., 1990, Geochemical and diamond drilling assessment of the Hearne Hill breccia pipe: Report for Noranda Minerals Inc., 17 pp. plus appendices.

Ogryzlo, P.L., 15 January 1993. Letter to Chapman and Bland and Sumary for talk at Cordilleran Round Up (Jan. 1993).

Richards, T.A., 1990, Geology of Hazelton map area (93M): Geological Survey of Canada, OF 2322, map, two sheets.

Sampson, C.J., Report on Geology, Exploration Results and Potential of the Hearne Hill Property, 20 February 1993, for Booker Gold Explorations Ltd.

Smit, H., 1991, Diamond drill core log of hole 91-2: Log for David Chapman, 4 pp.

Tipper, H.W., and Richards, T.A., 1976, Jurassic stratigraphy and history of north-central British Columbia: Geological Survey of Canada, Bull. 270, 73 pp.

7. CERTIFICATE

I, Christopher J. Sampson, of 2696 West 11th Avenue, Vancouver, B.C., V6K 2L6, hereby certify that:

1. I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.

2. I have practised my profession of mining exploration for the past 27 years in Canada, Europe, United States and Central America. For the past 17 years I have been based in British Columbia.

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

4. I have not written other reports on the Hearne Hill Property nor on other properties within 10 kms. of the claims.

5. The present report is based on study of published, unpublished reports, visits to the property, and supervision of work programmes in 1993.

6. I have not received, nor do I expect to receive any interest, direct or indirect, in the properties or securities of Booker Gold Exploration Ltd. or in those of its associated companies.

7. Booker Gold Explorations Ltd. and its affiliates are hereby authorized to use this report in, or in conjuction with, any prospectus or statement of material facts.

8. I have no interest in any other property or company holding property within 10 kilometres of the Hearne Hill property.

Vancouver, B.C.
20 November 1993

Christopher J. Sampson, P.Eng.
Consulting Geologist

APPENDIX A

1991 Drill Assays

MINERAL • ENVIRONMENTS LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

1S-0910-RA1

Company: **KENNECOTT CANADA INC.**
Project: 02-397
Attn: S.BISHOP/J.MARR/H.SMIT

Date: OCT-12-91
Copy 1. KENNECOTT CANADA, VANCOUVER, B.C.
2. KENNECOTT CANADA, TELKWA, B.C.
3. KENNECOTT CANADA, C/O MIN-EN LABS.

We hereby certify the following Assay of 30 CORE samples submitted OCT-04-91 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	CU %	SAMPLE INTERVAL (feet)
HH 201	.41	.012	3.254	15- 20
HH 202	.06	.002	1.238	20- 30
HH 203	.04	.001	.904	30- 40
HH 204	.68	.020	1.668	40- 50
HH 205	.01	.001	.788	50- 60
HH 206	.64	.019	3.403	60- 70
HH 207	.65	.019	2.873	70- 80
HH 208	**1.88	.055	4.080	80- 90
HH 209	**1.71	.050	3.633	90-100
HH 210	**.74	.022	2.981	100-110
HH 211	**1.57	.046	3.803	110-120
HH 212	.64	.019	3.010	120-130
HH 213	.66	.019	3.795	130-140
HH 214	.20	.006	3.221	140-150
HH 215	.51	.015	3.745	150-160
HH 216	**13.75	.401	1.327	160-170
HH 217	**.68	.020	1.933	170-180
HH 218	**.38	.011	.969	180-190
HH 219	.13	.004	.493	190-200
HH 220	.18	.005	.630	200-210
HH 221	**.42	.012	.612	210-220
HH 222	**1.30	.038	1.709	220-230
HH 223	.32	.009	.639	230-240
HH 224	.26	.008	.707	240-250
HH 225	.07	.002	.462	250-260
HH 226	.15	.004	.371	260-270
HH 227	.19	.006	.515	270-280
HH 228	.21	.006	.695	280-290
HH 229	.17	.005	.303	290-300
HH 230	.08	.002	.467	300-310

*AU = 1 ASSAY TON.
**SAMPLE MAY CONTAIN METALLIC GOLD.

Certified by _____

MIN-EN LABORATORIES

MINERAL • ENVIRONMENTS LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

1S-0910-RA2

Company: **KENNECOTT CANADA INC.**
Project: 02-397
Attn: S.BISHOP/J.MARR/H.SMIT

Date: OCT-12-91
Copy 1. KENNECOTT CANADA, VANCOUVER, B.C.
2. KENNECOTT CANADA, TELKWA, B.C.
3. KENNECOTT CANADA, C/O MIN-EN LABS.

We hereby certify the following Assay of 5 CORE samples submitted OCT-04-91 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	CU %
HH 231	.01	.001	.710
HH 232	.07	.002	.248
HH 233	.03	.001	.132
HH 234	.07	.002	.305
HH 235	.09	.003	.238

*AU = 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

COMP: KENNECOTT CANADA INC.
PROJ: 02-397
ATTN: S.BISHOP/J.MARR/H.SMIT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0910-RD1+J2
DATE: 91/10/12
* CORE * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
HH 201	7.7	10590	112	12	88	.1	1	38750	.1	6	25440	42710	2640	2	10420	1462	40	90	3	3680	55	18	75	1	26	27.6	114	1	2	6	46
HH 202	4.2	7050	80	9	31	.1	1	39720	.1	5	10239	29550	2490	1	11480	1483	23	60	9	3230	35	7	62	1	19	25.2	107	1	1	3	40
HH 203	4.6	6400	136	8	20	.1	1	43720	.1	6	7658	31770	1980	1	19920	1199	34	90	10	4720	31	5	91	1	19	34.3	114	1	1	3	48
HH 204	5.0	8010	150	8	17	.1	1	36570	.1	8	13777	34150	1810	1	13370	667	88	90	7	3030	30	10	74	1	23	24.1	105	1	1	4	62
HH 205	2.6	7080	102	9	33	.1	1	37760	.1	11	7476	39690	2270	1	17920	1189	88	80	24	940	37	4	51	1	23	46.9	168	1	1	4	73
HH 206	7.5	6930	146	13	26	.1	1	46060	.1	11	26876	44040	1540	1	22670	681	390	160	8	3770	36	22	85	1	18	20.2	92	1	2	6	66
HH 207	6.0	4610	154	12	11	.1	1	43650	.1	21	22229	53490	1220	1	23160	672	368	150	15	880	37	19	68	1	14	25.4	85	1	2	4	53
HH 208	8.0	4490	151	13	14	.1	1	47040	.1	21	31488	56660	1050	1	24380	690	387	150	14	1240	39	28	72	1	12	25.4	88	1	2	6	50
HH 209	7.1	3920	135	10	11	.1	1	43670	.1	19	27754	50250	760	1	22050	551	308	140	15	1480	37	26	75	1	10	24.7	82	1	2	6	64
HH 210	6.9	5340	158	12	27	.1	1	43530	.1	16	25039	43350	970	1	21108	529	379	140	19	1380	37	21	67	1	14	36.6	89	1	2	6	76
HH 211	7.4	5830	253	13	71	.1	1	43660	.1	24	31281	55170	1370	1	23090	646	393	140	34	750	42	29	77	1	20	25.9	94	1	2	6	59
HH 212	5.9	6210	187	9	13	.1	1	49460	.1	21	23819	55080	1430	1	28660	925	238	190	19	1260	40	21	82	1	24	37.4	107	1	2	5	68
HH 213	6.1	5970	163	10	13	.1	1	45130	.1	20	28208	51030	1260	1	23350	639	283	140	27	790	36	25	72	1	17	29.4	79	1	2	6	68
HH 214	7.4	4980	177	9	11	.1	1	45800	.1	31	23127	51490	1690	1	23400	1469	191	130	17	790	77	23	59	1	14	29.0	97	1	1	5	60
HH 215	5.2	4400	118	7	45	.1	1	43720	.1	58	29044	65130	1210	1	22950	881	75	130	20	600	38	27	59	1	12	29.8	90	1	1	5	61
HH 216	9.5	5100	150	6	11	.1	1	45780	.1	60	11897	55850	1740	1	23500	1126	43	130	13	1030	41	12	67	1	13	32.8	89	1	1	4	69
HH 217	4.4	5020	142	6	25	.1	1	53810	.1	18	16110	50080	1480	1	30760	1275	91	170	9	1430	33	15	79	1	12	39.0	103	1	1	3	54
HH 218	2.9	5030	122	13	15	.1	1	45720	.1	115	8341	52180	1030	1	23760	848	463	120	13	1430	24	7	67	1	14	35.4	101	1	1	3	74
HH 219	3.6	4870	127	8	29	.1	1	43580	.1	19	4124	42210	680	1	21100	526	290	120	20	1050	24	4	73	1	17	33.2	63	1	1	3	73
HH 220	4.5	5230	114	7	97	.1	1	47060	.1	24	5602	40610	770	1	24830	590	264	140	15	1110	21	6	81	1	17	38.2	68	1	1	3	80
HH 221	3.4	4600	163	7	88	.1	1	46570	.1	30	5168	49900	750	1	24060	677	190	140	16	980	28	7	72	1	15	37.4	65	1	1	3	79
HH 222	3.9	4230	150	12	65	.1	1	47100	.1	32	14122	63670	970	1	25310	887	407	150	12	960	55	14	66	1	12	35.2	80	1	1	3	69
HH 223	3.2	4820	131	5	81	.1	1	46860	.1	19	5238	40310	800	1	23420	634	154	130	17	830	23	7	77	1	16	33.4	62	1	1	3	77
HH 224	2.9	5530	103	8	102	.1	1	45850	.1	23	5957	37930	910	1	23560	616	291	130	13	1090	22	6	84	1	17	31.9	61	1	1	3	75
HH 225	2.2	5550	137	7	37	.1	1	44820	.1	29	4187	51560	890	1	23270	552	211	130	14	1100	20	2	87	1	16	32.3	54	1	1	3	75
HH 226	2.4	6250	157	4	39	.1	1	41170	.1	13	3377	40290	770	1	18180	430	94	90	14	950	17	1	92	1	23	31.8	54	1	1	3	72
HH 227	2.3	5560	303	7	23	.1	1	22580	.1	20	4461	49100	750	1	12070	356	215	80	16	930	18	2	71	1	22	24.1	60	1	1	2	51
HH 228	2.0	4010	163	3	30	.1	1	35430	.1	27	5897	35880	890	1	14250	307	95	90	15	780	14	3	58	1	15	50.0	46	1	1	4	73
HH 229	1.2	4450	64	2	18	.1	1	34130	.1	15	2593	27900	1150	1	12550	286	66	110	14	780	12	1	49	1	13	41.8	45	1	1	3	63
HH 230	1.7	5250	23	2	43	.1	1	26160	.1	11	3990	20710	1400	1	11960	166	25	180	22	860	12	1	46	3	13	47.8	61	1	1	3	53
HH 231	2.1	9990	23	18	29	.4	1	23640	.1	13	6610	26940	2380	1	12190	265	568	240	26	950	29	3	74	2	33	56.6	105	1	1	5	97
HH 232	1.2	9120	111	18	24	.5	1	43420	.1	12	2493	30980	1650	1	18790	404	306	120	21	1060	24	3	66	1	28	72.5	90	1	1	4	90
HH 233	1.1	11530	95	6	32	.4	2	39510	.1	13	1444	35970	1780	1	15830	279	111	110	19	1080	22	1	92	1	51	67.8	51	1	1	4	109
HH 234	2.0	11070	1	4	834	.1	9	14730	.1	16	2815	34110	5980	1	14880	127	94	460	22	980	13	1	128	1	1294	81.2	45	1	1	6	131
HH 235	1.6	13150	1	4	455	.1	11	13850	.1	17	2293	44740	8890	3	18290	142	90	600	22	990	11	1	605	1	1923	100.8	50	1	1	6	139

COMP: KENNECOTT CANADA INC.
PROJ: 02-397
ATTN: S.BISHOP/J.MARR/H.SMIT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0910-RJ1
DATE: 91/10/12
* CORE * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
29783	1.8	20710	1	5	280	.1	17	10180	.1	16	224	33340	10970	30	19640	501	4	1180	27	1270	33	1	62	1	2620	110.4	98	1	2	7	141	20
29784	1.8	20000	1	3	285	.1	20	10240	.1	18	127	36230	11420	18	20680	433	1	870	26	1370	19	1	90	1	3217	112.6	81	1	3	5	107	15
29785	2.2	5340	1	2	22	.1	15	18360	.1	8	225	24370	760	4	3230	543	3	790	3	1650	24	1	43	1	2756	70.2	131	1	3	4	93	40
29786	1.5	21720	1	3	276	.1	19	11440	.1	18	173	38830	11670	27	20370	486	1	1310	26	1420	17	1	45	1	2948	117.4	91	1	2	5	117	20
29787	2.0	13500	1	2	175	.1	22	13120	.1	14	477	36500	7450	13	16350	759	1	1090	13	1720	13	1	75	1	4069	120.9	88	1	3	5	92	25
29788	1.5	19170	1	2	229	.1	17	7820	.1	15	91	34230	11490	28	19460	386	1	1090	21	1300	14	1	29	1	2889	110.2	64	1	2	5	119	5
29789	1.2	30680	1	3	41	.1	23	34240	.1	30	61	52160	500	35	37030	827	1	360	74	2110	3	1	84	1	4044	110.6	66	1	3	5	139	5

APPENDIX B

1993 ASSAYS AND ANALYSES:

File Number	Date	Description
93-0965	1 June 1993	Percussion Holes PH1 to PH2
93-1712	3 August 1993	Chip Samples Trenches T93-2 to T93-5
93-1900	16 August 1993	Percussion holes PH13 to PH19
93-1907	17 August 1993	Trench T93-4 Float Samples
93-2646	1 October 1993	Chip Samples Trenches T93-7 and T93-14
93-2937	25 October 1993	Percussion holes PH20 and PH21

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Ltd. File # 93-0965 Page 1

1070-609 West Hastings St, Vancouver BC Submitted by: Hugh Grenfal

PERCUSSION HOLES

	DEPTH (FEET)	SAMPLE#	Cu ppm	Au* ppb	AVERAGE.
PH 12.	10-20	D 65051	929	20	
	20-30	D 65052	1029	19	977 Cu 20 Au.
	30-40	D 65053	973	21	
PH 11	20-30	D 65054	1227	26	
	30-40	D 65055	1162	32	
	40-50	D 65056	1174	31	
	50-60	D 65057	1463	42	1195 Cu. 36 Au.
	60-70	D 65058	1339	36	
	70-80	D 65059	1114	51	
	80-90	D 65060	1095	28	
	90-100	D 65061	985	38	
PH 10	20-30	D 65062	87	3	
	30-40	D 65063	183	9	
	40-50	D 65064	182	6	
	50-60	D 65065	290	7	
		RE D 65065	282	7	
	60-70	D 65066	337	8	
	70-80	D 65067	234	7	
	80-90	D 65068	418	16	
	90-100	D 65069	656	9	404 Cu. 11 Au.
	100-110	D 65070	826	14	
	110-120	D 65071	445	10	
	120-130	D 65072	339	7	
	130-140	D 65073	728	24	
	140-150	D 65074	604	25	
	150-160	D 65075	323	9	
PH 9.	20-30	D 65076	118	8	
	30-40	D 65077	147	7	130 Cu 7 Au.
	40-50	D 65078	125	6	
PH 8	20-30	D 65079	194	5	
	30-40	D 65080	249	7	
	40-50	D 65081	255	6	
	50-60	D 65082	333	7	
	60-70	D 65083	382	11	243 Cu 7 Au.
	70-80	D 65084	266	7	
	80-90	D 65085	441	14	
	90-100	D 65086	221	7	
		STANDARD C/AU-R	63	460	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: CUTTING AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 25 1993 DATE REPORT MAILED: Jun 1, 93 SIGNED BY. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

PERCUSSION HOLES

	DEPTH (FEET)	SAMPLE#	Cu ppm	Au* ppb	AVERAGE.
PH 8	100 - 110	D 65087	281	11	
	110 - 120	D 65088	145	7	
	120 - 130	D 65089	124	4	243 Cu 7 Au.
	130 - 140	D 65090	153	5	
	140 - 150	D 65091	111	5	
PH 7	20 - 30	D 65092	703	25	
	30 - 40	D 65093	397	17	
	40 - 50	D 65094	421	9	
	50 - 60	D 65095	481	11	
	60 - 70	D 65096	709	15	554 Cu 17 Au.
	70 - 80	D 65097	869	21	
	80 - 90	D 65098	449	11	
	90 - 100	D 65099	427	11	
	100 - 110	D 65100	243	8	
		RE D 65100	244	10	
PH 1	40 - 50	D 65351	147	9	
	50 - 60	D 65352	96	14	
	60 - 70	D 65353	123	15	
	70 - 80	D 65354	50	9	89 Cu 11 Au.
	80 - 90	D 65355	63	8	
	90 - 100	D 65356	57	10	
PH 2.	30 - 40	D 65357	61	4	
	40 - 50	D 65358	77	10	
	50 - 60	D 65359	76	11	
	60 - 70	D 65360	51	7	
	70 - 80	D 65361	26	6	92 Cu 8 Au.
	80 - 90	D 65362	59	7	
	90 - 100	D 65363	90	9	
	100 - 110	D 65364	84	9	
PH 7	110 - 120.	D 65451	613	37	
	120 - 130	D 65452	752	27	554 Cu 17 Au.
	130 - 140	D 65453	544	16	
	140 - 150	D 65454	591	15	
PH 6.	20 - 30	D 65455	368	6	
	30 - 40	D 65456	537	14	
	40 - 50	D 65457	683	11	
	50 - 60.	D 65458	581	16	
		STANDARD C/AU-R	64	490	

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

PERCUSSION HOLES

	DEPTH (FEET)	SAMPLE#	Cu ppm	Au* ppb	AVERAGE.
PH 6.	60-70	D 65459	428	8	
	70-80	D 65460	279	8	
	80-90	D 65461	244	5	
	90-100	D 65462	324	7	
	100-110	D 65463	214	4	
	110-120	D 65464	148	5	337 Cu. 8 Au.
	120-130	D 65465	131	6	
	130-140	D 65466	216	7	
	140-150	D 65467	222	8	
PH 3	10-20.	D 65468	189	21	
	20-30	D 65469	154	23	
	30-40	D 65470	137	17	
	40-50	D 65471	151	22	
	50-60	D 65472	139	17	134 Cu 19 Au.
	60-70	D 65473	155	21	
	70-80	D 65474	54	12	
	80-90	D 65475	94	18	
	90-100.	D 65476	130	18	
PH4	10-20	D 65477	151	13	
		RE D 65477	147	11	
	20-30	D 65478	94	16	
	30-40	D 65479	65	16	
	40-50	D 65480	244	38	
	50-60	D 65481	718	140	
	60-70	D 65482	111	17	
	70-80	D 65483	243	39	186 Cu. 37 Au
	80-90	D 65484	162	22	
	90-100	D 65485	209	35	
	100-110	D 65486	136	18	
	110-120	D 65487	109	50	
	120-130	D 65488	128	39	
	130-140	D 65489	118	24	
	140-150	D 65490	142	35	
	150-160	D 65491	156	50	
PH 5	30-40	D 65492	785	40	
	40-50	D 65493	851	44	
	50-60	D 65494	1167	58	
		STANDARD C/AU-R	62	480	

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

	DEPTH (FEET)	SAMPLE#	Cu ppm	Au* ppb	AVERAGE.
PERCUSSION HOLE. PH 5	60 - 70	D 65495	2691	110	
	70 - 80	D 65496	2612	310	
	80 - 90	D 65497	1930	80	
		RE D 65497	2092	72	
	90 - 100	D 65498	1500	53	1642 Cu 91 Au.
	100 - 110	D 65499	1153	55	
		NO NUMBER	79	7	
		STANDARD C/AU-R	60	510	

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

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

ASSAY CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1712 Page 1

1070 - 609 W. Hastings St, Vancouver BC

	SAMPLE#	Cu %	Ag** oz/t	Au** oz/t		
TRENCH T 93-2	E 209451	.083	<.01	.001		10 ft LENGTH'S FROM WEST END OF TRENCH EXCEPT AS SHOWN
	E 209452	.067	<.01	.001		
	E 209453	.050	<.01	<.001		
	E 209454	.039	<.01	<.001		
	E 209455	.125	<.01	.001		
	E 209456	.160	<.01	.001		
	E 209457	.372	.02	.004		
	E 209458	.393	<.01	.002	70-76	
	E 209459	.155	.01	<.001	76-80	
	E 209460	.858	.07	.009	80-90	
	E 209461	3.462	.30	.007	90-95	CENTRE AND HANGING WALL BRECCIA PIPE
	E 209462	5.970	.72	.017	95-100	
	E 209463	1.847	.14	.013	100-105	
	E 209464	1.601	.12	.004	105-110	
	E 209465	1.260	.11	.011	110-115	
	E 209466	.856	.05	.002	-120	
	E 209467	.573	.07	.001	-125	
	E 209468	1.435	.14	.009	-130	
	E 209469	4.639	.29	.022	-135	85ft 2.30% Cu.
	E 209470	2.162	.27	.015	-140	0.012 oz/t Au
	E 209471	3.727	.19	.014	-145	0.19 oz/t Ag.
	E 209472	2.470	.17	.022	-150	
	E 209473	2.107	.25	.011	-155	
	E 209474	2.198	.09	.011	-160	
	E 209475	1.572	.08	.020	-165	
	E 209476	.371	.03	.004	165-170.	ANDESITE.
	E 209477	.166	.01	.001	170-180	
	E 209478	.171	<.01	.001	180-190.	
TRENCH T 93-3 (DISCOVERY TRENCH)	E 209479	.298	<.01	.004	0-10	
	RE E 209479	.300	<.01	.003	10-15	
	E 209480	.217	<.01	.002	15-20	
	E 209481	.248	<.01	.003	20-25	
	E 209482	.112	.05	.001	25-27	
	E 209483	.119	<.01	.001	27-33	
	E 209484	.242	<.01	.001	33-37	
	STANDARD R-1/AG-1/AU-1	.862	.97	.098		

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 22 1993 DATE REPORT MAILED: Aug 3/93. SIGNED BY. C. Leong .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

	SAMPLE#	Cu %	Ag** oz/t	Au** oz/t		
	E 209485	.200	.01	.001	37-41	FOOTWALL ZONE BX PIPE.
	E 209486	.055	<.01	.002	41-50	
	E 209487	.031	<.01	<.001	50-54.	
	E 209488	.020	.02	<.001	60-70	
	E 209489	.037	<.01	<.001	70-80	
TRENCH T93-3 (DISCOVERY)	E 209490	.006	.01	<.001	80-90	
	E 209491	.015	.01	<.001	90-100	
	RE E 209491	.015	.01	<.001		
	E 209492	.172	.03	<.001	100-110	
	E 209493	.007	.02	<.001	54-60	
	E 209494	.460	.11	<.001	110-120.	CENTRE BX PIPE.
	E 209495	.451	.08	<.001	120-130	
	STANDARD R-1/AG-1/AU-1	.863	.99	.101		

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.

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

ASSAY CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1712R

SAMPLE#	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG. oz/t
E 209469	750	.049	.44	.066
E 209472	650	.012	.06	.015
E 209475	600	.016	<.01	.016

-100 MESH AU BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK REJ.

DATE RECEIVED: AUG 30 1993 **DATE REPORT MAILED:** Sept 7/93. **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

ASSAY CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1713

1070 - 609 W. Hastings St, Vancouver BC

	SAMPLE#	Cu %	Ag** oz/t	Au** oz/t		
TRENCH T 93-3 (DISCOVERY)	E 209496	.729	.17	.007	130-140	HW ZONE BY PIPE.
	E 209497	2.544	.78	.005	140-143	
	E 209498	.362	.01	.002	143-150	
	E 209499	.599	<.01	.005	150-158.5	
	E 209500	.882	.10	.003	158.5-162.5	
	E 209801	1.415	.18	.009	162.5-170	
	E 209802	1.013	.22	.020	170 - 175	
	E 209803	2.594	.30	.004	175 - 180	
	E 209804	.266	<.01	.003	180 - 190	B.F.P.
	E 209805	.240	<.01	.057	190 - 200	
	E 209806	.366	<.01	.010	200-210	
	E 209807	.528	.07	.004	210-220	
	E 209808	.011	<.01	.001	90-100	
TRENCH T 93-4	E 209809	.052	<.01	<.001	280-290	ALTERATION / SHEARED BRECCIATED ZONE EAST END OF TRENCH.
	E 209810	.052	<.01	.001	290-300	
	E 209811	.061	<.01	.001	300-310	
	RE E 209811	.065	<.01	.001		
	E 209812	.043	<.01	.003	310-320	
	E 209813	.085	<.01	.002	320-330	
	E 209814	.120	<.01	.001	330-340	
TRENCH T93-5	E 209815	.234	<.01	.007	100-110	ANDESITE
	E 209816	.214	<.01	.004	150-160	
	E 209817	.174	<.01	.002	160-170	
	E 209818	.209	<.01	.003	170-150	
	E 209819	.288	<.01	.005	180-190.	
	E 209820	.085	<.01	.014	290-300	ALTERATION ZONE EAST END OF TRENCH.
	E 209821	.128	<.01	.001	300-310	
	E 209822	.226	.01	.002	310-320	
	E 209823	.099	<.01	.003	320-330	
	STANDARD R-1/AG-1/AU-1	.855	.97	.102		

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 27 1993 **DATE REPORT MAILED:** July 30/93. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1713

1070 - 609 W. Hastings St, Vancouver BC

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
E 209808	2	80	12	156	.6	160	312	7863	19.14	68	<5	<2	<2	19	.6	2	4	5	.32	.146	3	5	.05	8	<.01	5	.32	<.01	.17	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 27 1993 **DATE REPORT MAILED:** July 30/93 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

ASSAY CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1900 Page 1

1070 - 609 W. Hastings St, Vancouver BC V6B 4W4

	SAMPLE#	Cu %	Au** ppb	
20 - 30	D 65901	.132	45	
	D 65902	.153	40	
	D 65903	.117	32	
	D 65904	.112	34	
	D 65905	.096	26	
	D 65906	.102	21	20 - 200 ft 180 ft.
	D 65907	.212	51	
	D 65908	.124	37	
	D 65909	.111	37	0.115 % Cu 34 ppb.
PH 18.	D 65910	.094	16	
20 - 200.	D 65911	.129	33	
	D 65912	.112	25	
	D 65913	.102	30	
	D 65914	.107	56	
	D 65915	.095	73	
	D 65916	.090	20	
	D 65917	.106	25	
	RE D 65917	.105	30	
190 - 200	D 65918	.083	17	
20 - 30	D 65919	.135	51	
	D 65920	.161	61	
	D 65921	.173	84	
	D 65922	.155	77	
	D 65923	.125	69	20 - 210 ft. 190 ft
	D 65924	.117	46	
	D 65925	.136	49	0.126 % Cu. 54 ppb.
PH 17	D 65926	.135	41	
	D 65927	.123	38	
	D 65928	.120	73	
	D 65929	.115	42	
	D 65930	.129	65	
	D 65931	.107	30	
	D 65932	.096	35	
	D 65933	.099	39	
170-180	D 65934	.148	56	
	STANDARD R-1/AU-R	.861	488	

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU** ANALYSIS BY FIRE ASSAY/ICP FORM 10 GM SAMPLE.
- SAMPLE TYPE: CUTTING Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 9 1993 **DATE REPORT MAILED:** Aug 16/93. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

	SAMPLE#	Cu %	Au** ppb
PH 17	D 65935	.112	53
	D 65936	.100	51
200-210.	D 65937	.111	57

Sample type: CUTTING.

	SAMPLE#	Cu %	
120-130	D 65001	.018	
PH 15	D 65002	.019	
	D 65003	.029	
120-200	D 65004	.031	120 - 200 80ft 0.025% Cu.
	D 65005	.027	
	D 65006	.021	
	D 65007	.026	
190-200	D 65008	.031	
20-30	D 65009	.014	
	D 65010	.014	
	D 65011	.012	
	D 65012	.013	
	D 65013	.024	
	D 65014	.037	
	D 65015	.030	
PH 19.			
	D 65016	.047	
	D 65017	.040	20 - 210 190ft 0.028% Cu.
	D 65018	.032	
	D 65019	.034	
	D 65020	.032	
	D 65021	.037	
	D 65022	.041	
	D 65023	.042	
	D 65024	.031	
	D 65025	.031	
200-210	D 65026	.026	
150-160	D 65851	.055	
	D 65852	.104	
PH 16	D 65853	.107	150 - 200 50ft 0.077% Cu.
	D 65854	.082	
190-200	D 65855	.038	
30-110.	D 65856	.264	
	RE D 65856	.265	
	D 65857	.286	
PH 13.	D 65858	.256	
	D 65859	.290	
70 - 80	D 65860	.237	
	STANDARD R-1	.860	

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

		SAMPLE#	Cu %			
	30-90	D 65861	.179			
		D 65862	.308			
		D 65863	.207			
		D 65864	.188			
		D 65865	.214			
PH 13.		D 65866	.182	30 - 200	170ft	0.214 % Cu.
		D 65867	.143			
		D 65868	.119			
		D 65869	.151			
		D 65870	.172			
		D 65871	.215			
	190-200	D 65872	.232			
	20-30	D 65873	.014			
		D 65874	.060			
		D 65875	.088			
		D 65876	.081			
		D 65877	.130			
		D 65878	.159			
		D 65879	.138			
		D 65880	.146			
PH 14		D 65881	.162	20 - 200	180ft.	0.164 % Cu.
		D 65882	.156			
		D 65883	.178			
		D 65884	.196			
		D 65885	.171			
		D 65886	.211			
		D 65887	.258			
		D 65888	.297			
		D 65889	.265			
	190-200	D 65890	.242			
	20-30.	D 65891	.142			
		D 65892	.143			
		D 65893	.110			
		D 65894	.130	20 - 120	100ft	0.083 % Cu.
PH 15		RE D 65894	.128			
	70-80	D 65895	.132			
		D 65896	.069			
		STANDARD R-1	.848			

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

	SAMPLE#	Cu %
PH 15.	D 65897	.037
	D 65898	.020
	D 65899	.026
110-120	D 65900	.030
20-30	D 65938	.125
	D 65939	.072
	D 65940	.086
	D 65941	.094
	D 65942	.076
	D 65943	.088
PH 16	D 65944	.084
	D 65945	.054
	RE D 65945	.054
	D 65946	.063
	D 65947	.045
	D 65948	.050
	D 65949	.081
140-150.	D 65950	.054
	STANDARD R-1	.840

20 - 150 ft 130 ft 0.074% Cu.

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1907 Page 1

1070 - 609 W. Hastings St, Vancouver BC V6B 4W4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 205901	5	143	134	2062	1.4	30	6	922	4.23	477	<5	<2	<2	6	9.8	14	3	6	.26	.025	<2	31	.15	8	.01	3	.31	.08	.01	<1	38

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 10 1993 **DATE REPORT MAILED:** Aug 17/93 . **SIGNED BY** C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

ASSAY CERTIFICATE

Booker Gold Ltd. PROJECT HEARNE HILL File # 93-1907 Page 2

1070 - 609 W. Hastings St, Vancouver BC V6B 4W4

SAMPLE#	Cu %	Ag** oz/t	Au** oz/t
E 205902	.812	.04	<.001
E 205903	.582	.06	.002
E 205904	20.603	1.75	.146
E 205905	.075	<.01	.001
RE E 205905	.071	<.01	.001

FLOAT SAMPLES TRENCH T93-4
AUGUST 1993

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 10 1993 **DATE REPORT MAILED:** Aug 17/93. **SIGNED BY** C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

ASSAY CERTIFICATE

Booker Gold Ltd. File # 93-2937 Page 1

1070 - 609 W. Hastings St, Vancouver BC V6B 4W4

	SAMPLE#	Cu %	Au** oz/t
20-30.	D 65751	2.058	.026
	D 65752	4.535	.029
	D 65753	2.064	.020
	D 65754	2.234	.019
	D 65755	1.966	.036
	D 65756	2.121	.015
	D 65757	2.836	.014
	D 65758	2.005	.016
	D 65759	2.442	.009
	D 65760	2.468	.019
Pt 20	D 65761	2.495	.017
	D 65762	1.857	.023
	D 65763	1.549	.006
	D 65764	1.472	.005
	D 65765	1.303	.004
	D 65766	1.216	.009
	D 65767	1.194	.005
	D 65768	.951	.006
	D 65769	1.193	.004
	D 65770	2.206	.008
	D 65771	2.016	.012
	D 65772	3.058	.014
	RE D 65772	3.100	.015
240-250	D 65773	2.503	.011
10-20.	D 65774	1.063	.050
	D 65775	.718	.012
	D 65776	.819	.006
	D 65777	.700	.009
	D 65778	.563	.005
	D 65779	.439	.003
Pt 21	D 65780	.432	.003
	D 65781	.480	.008
	D 65782	.531	.012
	D 65783	.444	.002
110-120.	D 65784	.368	.003
	STANDARD R-1/AU-1	.849	.098

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CUTTING Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 18 1993 **DATE REPORT MAILED:** Oct 25/93 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

	SAMPLE#	Cu %	Au** oz/t
PH 21 140-150	D 65785	.441	.003
	D 65786	.316	.001
	D 65787	.331	.005
	RE D 65787	.329	.003

Sample type: CUTTING. Samples beginning 'RE' are duplicate samples.

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

ASSAY CERTIFICATE

Booker Gold Ltd. File # 93-2646
1070 - 609 W. Hastings St, Vancouver BC V6B 4W4

	SAMPLE#	Cu %	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG. oz/t			
TRENCH T93-14.	73472 B	.212	620	.002	<.01	.002	60-65	40 ft	(DISTANCES MEASURED FROM 00 AT NW END)
	73473 B	2.349	670	.019	.02	.020	65-70.		
	73474 B	2.706	530	.040	.02	.041	70-80	1.21% Cu . 0.016 oz Au .	
	73475 B	.533	670	.010	<.01	.010	80-90.		
	73476 B	.307	560	.004	<.01	.004	90-100		
TRENCH T93-7	85948 B	.218	620	.002	<.01	.002	0-10	0.267 Cu . 0.003 Au .	
	85949 B	.317	590	.003	<.01	.003	10-20		

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. -100 MESH AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. NATIVE AU BY FIRE ASSAY FROM TOTAL SAMPLE.
- SAMPLE TYPE: ROCK

DATE RECEIVED: SEP 27 1993 **DATE REPORT MAILED:** Oct 1/93 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS