Diamond Drilling Report

on the

KL PROPERTY

Omineca Mining Division
NTS: 093N/7W

Latitude: 55° 17'N
Longitude: 124° 45'W

December 1994

Owner: **Eric Shaede**
R.R #1 S19, C6
Sicamous, B.C.
V0E 2V0

Owner/Operator: **Hudson Bay Exploration**
& Development Co. Ltd.
405-470 Granville St.
Vancouver, B.C.
V6C 1V5

Author: Leonard Gal P. Geo.

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Summary

The KL Property is located 90 km NNW of Fort St. James and consists of five 4-post claims and ten 2-post claims for a total of ninety units. The KL, KL1 and KL3 claims are owned by Eric Shaede while the remaining claims are owned by Hudson Bay Exploration & Development (HBED). The claims cover a known Cu-Ag-Au shear/vein showing, known as the Klawli or Kohse Copper (MINFILE 093N 032). The property has been worked intermittently since 1984 in hopes of discovering a Cu-Au porphyry deposit.

The KL property is underlain by Upper Triassic Takla Group volcanics. Rocks outcropping along ridge tops are massive green-grey to maroon andesite porphyries with "regional" type propylitic alteration (chlorite - epidote - carbonate) and minor sulphide mineralization. At lower elevations, within a coincident geochemical / I.P. anomaly, are iron-carbonate, silicic altered intermediate volcanics. Mineralization in these rocks include 3-5% pyrite with minor chalcopyrite. A chip sample from a hand dug trench in this area returned 95 ppb Au and 532 ppm Cu over 5m.

In 1994 two NQ diamond drill holes were drilled to follow up I.P. and soil geochemical surveys targets. The first hole (DDH-KL-94-01) tested for down dip extensions of mineralization at the Klawli showing, the second hole (KL-94-06) was to test an IP chargeability anomaly on the SW part of the property. Both holes interected anomalous copper values over relatively short intervals. Hole KL-94-01 also intersected anomalous gold values near the bottom of the hole.

Introduction

This report is a description of work conducted for and by Hudson Bay Exploration and Development Co. Ltd. during the period September 12 to October 6, 1994. Advanced Drilling of Surrey, B.C. was contracted to drill six NQ size holes on the property. Costs associated with two of these holes (Kl-94-01 and 06) are being filed for assessment work. Hole KL-94-01 was drilled to a depth of 169.8m, while KL-94-06 was drilled to 151.5m.

Location, Access and Physiography

The KL claims are located 7 km northwest of the west end of Chuchi Lake, approximately 90 km north-northwest of Fort St. James, the nearest service centre (see Figure 1). Access to the claims is via helicopter from Fort St. James. The Tchentlo Forestry Service Road comes to within 3 km of the claim block, on the opposite (west) side of the Klawli River (see Figure 2).

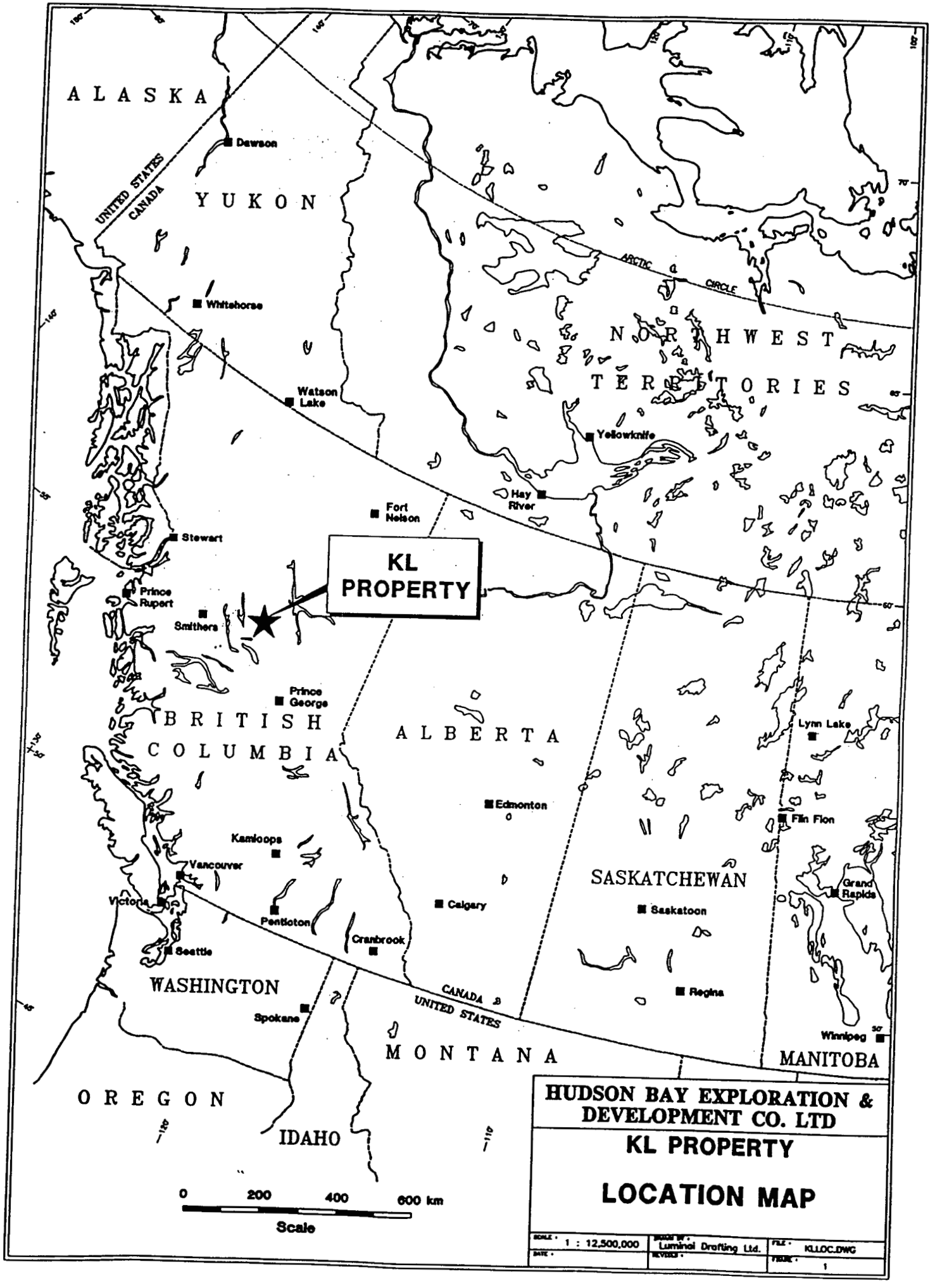
The KL claim block covers three steep rocky ridges with elevations ranging from 950 to 1900 metres (3100 to 6200 feet). At lower elevations vegetation varies from intermittent marshes to stands of mature spruce, hemlock pine and fir, while higher elevations have typical alpine scrub.

Claim Information

The KL property is located in the Omineca Mining Division, covered by NTS map sheet 093N/7. The KL group is a combination of claims staked by Noranda personnel in 1990 (KL, KL1, KL3) and claims staked by Hudson Bay personnel in 1993 (Ernie, Bert, Grover 1-6). The Klaw 1-4 claims were staked in 1994. Claim information is summarized below.

CLAIM NAME	UNITS	RECORD #	GOOD TO DATE *	OWNER
KL	20	242027	May 4, 1999	E. Shaede
KL 1	18	242278	June 15, 1999	E. Shaede
KL 3	14	243122	Feb. 7, 1999	E. Shaede
Ernie	20	321166	Sept. 20, 1999	HBED
Bert	12	321165	Sept. 20, 1999	HBED
Grover 1-6	6	322167-72	Sept. 20, 1999	HBED
Klaw 1-4	4	327170-73	July 11, 1999	HBED

* If assessment is accepted.


ALASKA
Dawson
UNITED STATES
CANADA
YUKON
Whitehorse
ARCTIC CIRCLE
NORTHWEST TERRITORIES
Watson Lake
Yellowknife
Hay River
Fort Nelson
Stewart
KL PROPERTY
Prince Rupert
Smithers
Prince George
BRITISH COLUMBIA
ALBERTA
Lynn Lake
Edmonton
Flin Flon
Kamloops
Vancouver
SASKATCHEWAN
Grand Rapids
Victoria
Calgary
Saskatoon
Penticton
Cranbrook
Seattle
WASHINGTON
Regina
CANADA
UNITED STATES
Spokane
Winnipeg
MONTANA
MANITOBA
OREGON
IDAHO
0 200 400 600 km
Scale
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD
KL PROPERTY
LOCATION MAP
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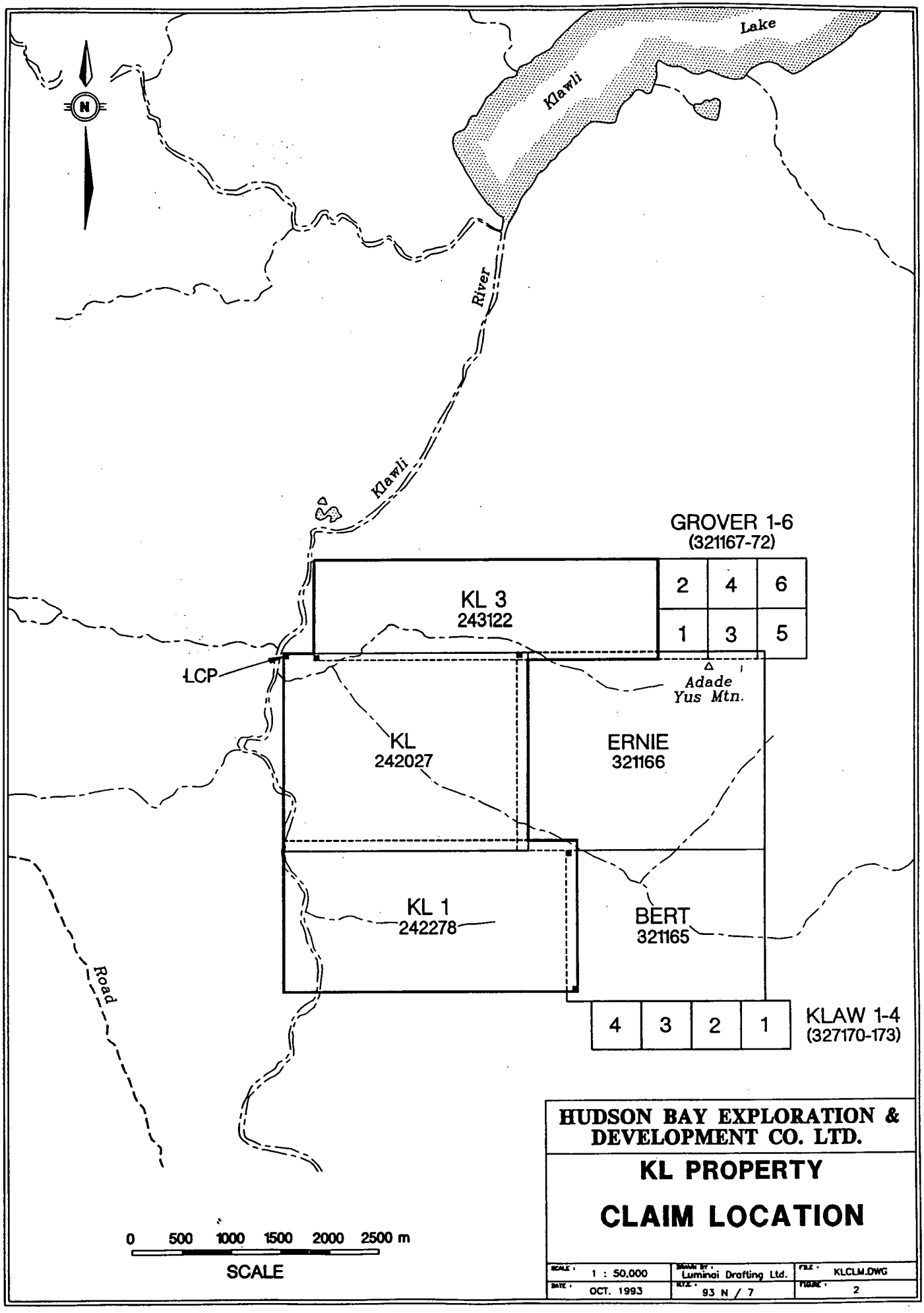
DRAWN BY: Luminol Drafting Ltd.
FILE: KLLOC.DWG
DATE:
REVISED:
FIGURE: 1


Lake
Klawli
River
Klawli
GROVER 1-6
(321167-72)
2
4
6
1
3
5
KL 3
243122
LCP
Adade
Yus Mtn.
KL
242027
ERNIE
321166
KL 1
242278
BERT
321165
Road
4
3
2
1
KLAW 1-4
(327170-173)
0
500
1000
1500
2000
2500 m
SCALE
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
KL PROPERTY
CLAIM LOCATION
SCALE: 1 : 50,000
Drawn By: Luminai Drafting Ltd.
FILE: KLCLM.DWG
DATE: OCT. 1993
NTS: 93 N / 7
FIGURE: 2

Work Performed

During the period from September 15 to October 4 1994, Advanced Drilling of Surrey B.C. completed diamond drilling on the KL property on behalf of HBED. The results of two of these holes (KL-94-01, KL-94-06) are reported here. The core was logged, appropriate sections split and sampled, and the core stored on site. The drill sites were reclaimed in accordance with government regulations.

Exploration History

The Klawli showing was originally discovered in the 1920's and optioned to Consolidated Mining and Smelting Company of Canada, who did some trenching and sank two adits. This work exposed an area with several Cu-Ag-Au enriched veins that are known as the Klawli Copper or Kohse Copper (Minfile No. 093N 032) showings. From 1944 until 1984, little or no work was done on the property.

In 1984, Hawk Mountain Resources confirmed the presence of anomalous gold values at the showing. Samples taken from old workings assayed up to 0.48 opt Au, 29.22 opt Ag and 6.7% Cu. A reconnaissance VLF-EM survey indicated an anomalous zone that roughly parallels the strike of the exposed mineralization. A geochemical survey conducted in the showing area proved inconclusive.

In 1987, Eric Shaede resampled the old workings and confirmed the presence of high grade gold at the showings.

From 1990 to 1992, Noranda Exploration optioned the property from E. Shaede. Noranda conducted a soil survey and outlined a large Cu-Au anomaly immediately east and upslope from the Klawli showing. A reconnaissance style I.P./Resistivity survey was also run over the more anomalous part of the soil anomaly. Further work included detailed mapping, prospecting and soil test pits.

In 1993, HBED optioned the property and undertook soil and rock sampling and a limited VLF-EM survey in the area of altered volcanic subcrop and the coincident copper - gold soil anomaly.

In 1994, HBED completed soil sampling on the property to more fully delineate the copper gold soil anomalies. A comprehensive I.P. / resistivity survey was also performed.

Regional Geology

The KL Property lies within the Quesnel Trough (a subdivision of the Intermontane tectonic belt) represented in the area by Upper Triassic Takla Group volcanics and sedimentary rocks of island-arc affinity,and related intrusions. The claims are situated near the southern end of the Late Triassic-Early Cretaceous Hogem Batholith.

Takla Group rocks typically include argillite, augite porphyries, feldspar porphyries, and andesitic tuff, flows and breccias. The Takla rocks were also intruded by a series of Late Triassic to Late Cretaceous batholiths and stocks.

Block faulting and tilting are the dominant structural styles in and around the Quesnel Trough. The Quesnel Trough is in fault contact with older rocks to the east and west and is therefore characterized as a graben.

Economically the Intermontane tectonic belt is host to such porphyry copper deposits as Gibraltar, Mount Milligan, Kemess, Mount Polley and Lorraine.

Property Geology

Generally, outcrop in the areas of interest (i.e. lower elevations) is sparse. There is however, good exposure along the ridge tops. Lithologies include green and maroon plagioclase-hornblende (+/- augite) porphyritic andesites, grey vesicular andesites and green to buff heterolithic agglomerates. There is little mineralization, apart from pyritized clasts within the heterolithic agglomerates in the vicinitry of Adade Yus Mtn. Alteration is generally of a regional nature. Weak chloritization is ubiquitous, and carbonate, epidote and quartz are often found filling fractures.

At lower elevations, sparse outcrop and subcrop under blown down trees indicate that the area is underlain principally by plagioclase - hornblende porphyries, plagioclase porphyries and plagioclase - augite porhpyries, with lesser intermediate tuffs. The outcrops are generally limited to stream gullies toward the western side of the property.

Diamond Drilling

Advanced Drilling of Surrey B.C. drilled two NQ (47.6 mm) holes, for a total depth of 1054 feet (321.3 m). The drill was a Boyles 25A, and drill moves were performed by a Bell Long Ranger owned by Pacific Western Helicopters of Ft. st. James, B.C.

Recovery in the two holes was generally better than 95 percent. Hole KL-94-01 was 557' (169.8m) and KL-94-06 was 497 '

(151.5m) long. Overburden depth was 32m at KL-94-01, 5m at KL-94-06.

Core was logged in a standard manner at the drill site and split samples were taken over areas of interest in 3m intervals. The core was cross stacked with lids and covered with chicken mesh at the drill site. A skeletal core was assembled for each hole from representative samples of the lithology. Skeletal core samples are stored at the HBED warehouse in Surrey, B.C.

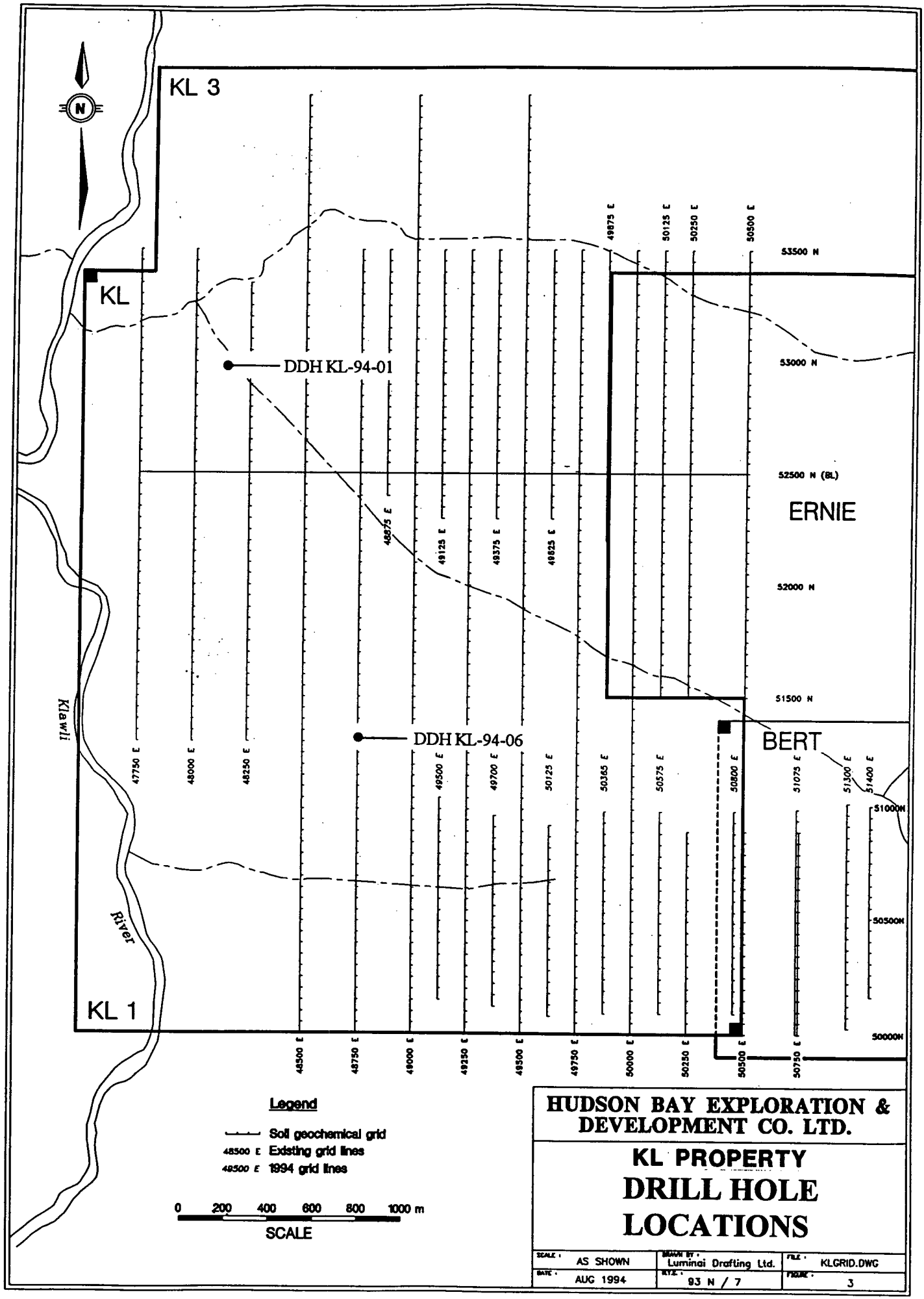
Drill hole coordinates (with respect to the established grid), elevations, dip and azimuth are summarized in the table below. Drill hole locations are presented in Figure 3. An acid test was taken at the bottom of each hole to test the dip and deviation from the inclination was found to be minor.

Split samples were shipped to Chemex Labs in North Vancouver B.C. for multi - element analysis by ICP. Results are presented in Appendix 4, and discussed in the following section.

DDH	Coordinates	Elevation	Dip	Azimuth	Total Depth
KL-94-01	48160E 53000N	1037m	-50	045	169.8m
KL-94-06	48750E 51330N	1238m	-60	180	151.5m

Drilling Results

Hole KL-94-01 was drilled to test for dip extensions of high grade copper - silver -gold mineralization found at the Klawli showing (MINFILE 93N-032). It also crossed the western tail of an IP chargeability anomaly. Overburden and glacial till occurred in the top 32m. The tills overlie volcanics of the Takla Group, including andesitic and crystal tuffs, plagioclase porphyries, massive andesite and agglomerate. A 3.5m interval of diorite occurs at 87.5m. The best assay results were 340ppm Cu from 55.8 - 58.8m, 265ppm Cu and 27ppb Au from 70.1 - 76.1m, 196ppm Cu and 150ppb Au from 87.5 - 89.5m, and 179ppm Cu and 233ppb Au from 148.0-161.5m. Although anomalous copper and gold did occur, there was no economically significant mineralization at the expected depth of the projection of the Klawli showing. Mineralization consisted mostly of pyrite disseminations and stringers, with a little chalcopyrite near the bottom of the hole. Magnetite was significant at the bottom of the hole and in the diorite body. In addition to weak propylitic alteration throughout the sequence, moderate amounts of carbonate + quartz stringers occurred in the top of the hole, along with bleaching of the agglomerate interval in the


KL 3
KL
KL 1
DDH KL-94-01
DDH KL-94-06
ERNIE
BERT
Klawli River
53500 N
53000 N
52500 N (BL)
52000 N
51500 N
51000N
50500N
50000N
49875 E
50125 E
50250 E
50500 E
48875 E
49125 E
49375 E
49625 E
47750 E
48000 E
48250 E
49500 E
49700 E
50125 E
50365 E
50575 E
50800 E
51075 E
51300 E
51400 E
48500 E
48750 E
49000 E
49250 E
49500 E
49750 E
50000 E
50250 E
50500 E
50750 E
Legend
Soil geochemical grid
48500 E Existing grid lines
49500 E 1994 grid lines
0 200 400 600 800 1000 m
SCALE
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
KL PROPERTY
DRILL HOLE LOCATIONS
SCALE: AS SHOWN
DRAWN BY: Luminai Drafting Ltd.
FILE: KLGRID.DWG
DATE: AUG 1994
NTS: 93 N / 7
FIGURE: 3

middle section and moderate propylitic alteration in the massive andesite at the base of the hole.

Hole 94-06 was drilled to test an IP anomaly in the southwestern part of the property. Nearby outcrops of plagioclase hornblende porphyry have fairly abundant epidote and calcite fractures, with some malachite staining. Under 5m of overburden, the hole cored plagioclase +/- augite porphyry flows to the bottom of the hole (152.3 m). Locally the plagioclase was megacrystic and "crowded", and a few intervals were aphyric and massive. The upper 2.5 metres of rock were bleached and oxidized. The best assays were 390ppm Cu from 5 - 11m and 194ppm Cu from 16 - 25m, including an interval from 22 - 25 m of 259 ppm Cu and 115 ppb Au. Except for the latter interval, gold was not anomalous. Mineralization comprised pyrite dissemniations, clots and stringers with very subordinate chalcopyrite. Chlorite +/- epidote and hematite alteration occured to varying degrees throughout the hole, and calcite (and lesser quartz and chlorite) stringers were common.

Both holes were dissapointing in that chalcopyrite mineralization was minor. A down dip extension of the Klawli showing mineralization was not found in KL-94-01. However, enough disseminated and fracture filling pyrite was present to likely explain the IP conductivity anomaly.

Detailed drill logs of the holes are found in Appendix 3, and Figure 4 shows cross sections of the drill holes summarizing lithology, alteration and mineralization.

Conclusions & Recommendations

Two drill holes were drilled to test IP, geochemical and geological targets on the KL property. The first hole was drilled to test the margin of an IP anomaly and intersect possible down dip extensions of mineralization in the Klawli showing exposed on surface trenches. The second hole tested a considerable IP chargeability anomaly, as well as being adjacent to minor surface copper mineralization to the west and a geochemical anomaly to the northeast.

Both holes intersected intermediate porphyry flows and / or volcaniclastics of the Takla Group. Mainly propylitic alteration occured in varying degrees in the host rocks. No intrusive bodies (except a thin diorite dyke) were intersected. Sufficient disseminated and fracture filled pyrite was present to likely account for chargeability anomalies. Copper levels were anomalous in the middle and lower sections of KL-94-01, and throughout KL-94-06. Chalcopyrite was strongly subordinate to pyrite, however, and no ore grade interval were intersected. The lower part of KL-94-01 also yielded anomalous gold values.

Based on the results of these two holes, no further work is contemplated.

References

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Garnett, J.A., (1978): Geology and Mineral Occurrences of the Southern Hogem Batholith, Bulletin 70, MEMPR.

Moore, M. and Yarrow, E. (1993): Geophysical and Geochemical Report on the KL Property. B.C. Assessment Report dated November 1993.

Nelson, J.L. et al (1993): Geology of the Klawli Lake, Kwanika Creek and Discovery Creek map areas, Northern Quesnel Terrane, B.C., Geological Fieldwork 1992, Paper 1993-1, pp.87-107, MEMPR.

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Shaede, E.A. (1989): Geochemical Report of the Gold Claim Group, B.C. Assessment Report No. 19406.

Stewart, F.S. (1991): Geochemical Report on the KL Property, for Noranda Exploration Co. Ltd., B.C. Assessment Report No. 21279.

Walker, T. (1992): Geological, Geochemical, Geophysical Report on the KL Property., B.C. Assessment Report 22,099.

Walker, T. (1992b): Geological & Geochemical Report on the KL Property., Unpublished report.

Watt, D. (1984): Geophysical and Geochemical Report of the Gold Supplemental Claims, B.C. Assessment Report No. 14579.

APPENDIX 1

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Leonard Gal, of Kelowna, British Columbia hereby certify that:

1) I am a graduate of the University of British Columbia, with a B.Sc. in Geology (1986).

2) I am a graduate of the University of Calgary, with an M.Sc. in Metamorphic Petrology (1989)

3) I have practised my profession continuously since 1986.

4) I am currently employed as a Geologist for Hudson Bay Exploration And Development Co. Ltd.

5) The information in this report is based on published and unpublished reports on the property, and by work conducted by me for Hudson Bay Exploration.

6) I have no interest in the property or any other within a 10 km radius.

7) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.

Signed this 7 day of December, 1994.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L. P. GAL GEOSCIENTIST

Leonard Gal, Geo.
Hudson Bay Exploration & Development

APPENDIX 2

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
KL PROPERTY

SEPTEMBER 12 - OCTOBER 6, 1994

Diamond Drilling	
2 holes (1054 feet @ $23.39/ft)	24651.91
Personnel	
Project Geologist @ $275/day	1157.64
Cook @ $200/day	841.92
Pad building, core splitting, labour	4871.34
Camp Costs	
Food	1284.04
Camp Rental	513.60
Camp Supplies	500.00
Drill support	
Helicopter	13976.15
Analytical Charges	
51 core samples (32 element ICP)	764.91
Miscellaneous	
Core boxes	466.98
Geological supplies	150.00
Truck rental @ $60/day	252.22
Mob / demob (Vancouver - Ft. St. James)	200.00
Report Preparation	
3 days @ $250/day	750.00
Drafting, Secretarial	250.00
TOTAL EXPENDITURES	**$50630.71**

APPENDIX 3

DRILL LOGS

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL SUMMARY

Project No. KL
Hole No. KL 94-01
Page 1 of 7

Property KL
Claim KL
Section Klawli Showing Area

Date Started September 16 194
Date Finished September 19 194
Logged By Brian Game
Contractor Advance Drilling
Core Stored At Drill Site

CORE SIZE			
From	To	Size	
0	169.8m	NQ	

Total Depth 169.8m (557')
Core Recovery + 95 %

COLLAR SURVEY	
Northing	53000
Easting	48160
Elevation	1037 m
Bearing	045°
Dip	- 050°
Reference	GRID

DOWN HOLE SURVEY			
Depth	Dip	Azimuth	
169.8m	- 45°		

metres ppm ppb

metres From	metres To	SUMMARY LOG	ASSAYS From	To	Cu	Au		
0	32.0	Overburden						
32.0	43.2	Andesite Tuff; weakly qtz-carbonate altered tr-1% pyrite; tr mal at 42m						
43.2	46.0	Feldspar Hornblende Porphyry; abundant 1-5mm hematite and calcite stringers.						
46.0	61.6	Plagioclase Porphyritic Flow; abundant talc, several narrow faults 1-3% pyrite throughout	55.8	58.8	340	< 5		
61.6	76.1	Andesite Tuff; numerous narrow fault zones, 1-4% p. minor chlorite altn. Tectonic breccia from 68.0 - 70.0m	70.0	76.1	265	27		
76.1	87.5	Plagioclase Porphyritic Flow; silicified and talcose sections; weak chloritic altn Tr-2% py; 1-5% Mag from 76.1m to 81.4m in veinlets at 45° to C.A.						
87.5	91.5	Diorite / Gabbro; medium grained; weakly epidotized in places; 1-10mm Mag stringers and 1-5mm py stringers	87.5	89.5	196	150		
91.5	126.3	Agglomerate; heterolithic volcaniclastic; bleached (sheared?) abundant talc; minor graphitic shears; 1-3% py abundant tectonic brecciation from 105.8m - 111.7m						
126.3	148.0	Crystal Tuff; upper contact at 10° to C.A.; feldspars epidote altered; 1-10mm calcite stringers; Tr py; tr-5% Mag as fine blebs + stringers						
148.0	169.8	Massive Andesite; weak propylitic alteration to 155m Numerous 10-20cm wide fault gouges from 148m - 151m at 60-70° to C.A. 1-3% py; 1-2% mag; rare blebs of cpy. Mag/Py veins (1-8cm wide) from 151m to 161.5m	148.0	161.5	179	233		

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-01

metres

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
0	32.0	Casing														
		Bedrock at 32.6 m ?														
		Drill to 38.7m and then ream casing to 38.7m.														
32.0	43.2	Andesite Tuff														
		- weakly quartz - carbonate altered intermediate volcanic tuff.														
		- core very weathered and oxidized to 41.8m; ~ 60% recovery										929051	35.7	38.7	83	10
												929052	38.7	41.7	25	<5
		- recovery ~ 10% from 32m to 35.7m										929053	41.7	43.2	84	<5
		- some vague chloritic patches														
		- tr - 1% disseminated fine grained py								✓						
		- From 41.8m to 43.2m; a few 1-15mm angular fragments of talc and some 1-3mm talc veinlets														
		- trace malachite on fractured surfaces at 42m.														
43.2	46.0	Feldspar - Hornblende Porphyry														
		- gradational contacts														
		- abundant 1-5mm hematite and calcite stringers														
46.0	61.6	Plagioclase Porphyritic Andesite Flow														
		- buff to pale green porphyritic flow										929054	52.8	55.8	30	<5
		- variably silicified														
		- minor talc on fractured surfaces to 52.4m														
		- trace pyrite to 52.8m								✓						

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. _____
Hole No. KL 94-01
Page 3 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
		- From 52.8 to 60.2m; abundant talc as veinlets and vague fragments. Some narrow sections weakly to moderately brecciated. A few weakly chloritized patches. Some narrow (< 10cm) gouged fault zones. 1-3% pyrite throughout, predominantly as fine grained 'nests' and disseminations. Some narrow sections with 1-10mm veinlets of pyrite. Some erratic patches of hematite. A couple of rare blebs of cpy						✓			929055	55.8	58.8	340	<5
								✓				929056	58.8	60.2	4	<5
												929057	60.2	61.6	2	<5
		- From 57.4m to 58.8m; abundant talc; core very soft and gouged; probable fault.														
61.6	76.1	Andesite Tuff														
		- buffs to pale green										929058	61.6	64.6	4	<5
		- abundant talc veinlets and fractures.										929059	64.6	68.0	7	25
		- core very soft and fractured Numerous narrow (< 10cm) gouged, fault zones														
		- some vaguely feldspar phyric fragments or clasts. Some intrusive (monzonite) fragments.														
		- original textures all but obliterated.														
		- minor chloritic patches and stringers.														
		- 1-4% pyrite as disseminations and fine stringers.														
		- From 68.0m to 70.0m; tectonic breccia very chaotic section with abundant light green to buff talcose fragments and light										929060	68.0	70.0	146	<5

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. _____
Hole No. KL 94-01
Page 4 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
		grey siliceous fragments. Some silicified / chloritized stringers. Abundant talc stringers. 3-7% disseminated and fracture-filled fine grained pyrit.								✓		929061	70.0	73.0	256	40
												929062	73.0	76.1	273	15
76.1	87.5	Plagioclase Porphyritic Andesite Flow - green and maroon in colour - alternating weakly silicified and talcose sections. - a few narrow, erratic quartz and calcite stringers. - some chloritic patches; some chloritized stringers - Tr-2% pyrite as disseminations - From 76.1m to 81.4m; 2-5% pyrite as disseminations and 1-5mm veinlets; 1-5% magnetite as 1-3mm wide veinlets intimately associated with pyrite stringers at 45° to C.A.									✓	929063	76.1	79.1	65	55
												929064	79.1	81.4	56	25
												929065	81.4	84.4	17	<5
												929066	84.4	87.5	50	<5
										✓						
										✓						
87.5	91.5	Diorite / Gabbro - dark green, medium grained intrusive - a few narrow, erratic quartz and calcite stringers - some weakly epidotized stringers; a few weakly epidotized felsic fragments. - some 1-10mm wide magnetite stringers and 1-5mm pyrite 'patches' intimately associated with more siliceous areas.										929067	87.5	89.5	196	150
												929068	89.5	91.5	94	15
											✓					
										✓						

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. _____
Hole No. KL 94-01
Page 5 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
91.5	126.3	Agglomerate														
		- pale green to buff, heterolithic fragmental										929069	91.5	94.5	113	<5
		- matrix andesitic to dacitic in composition;										929070	94.5	96.9	185	<5
		some instances light green subrounded fragments														
		from 1 - 10cm are identifiable.														
		- core somewhat bleached (sheared?)														
		- core very soft; abundant calcite and talc														
		stringers. Abundant talc on fractured surfaces.														
		- some dark grey silicified patches.														
		- trace - 1% pyrite as fine grained dissemination														
		- From 96.9m to 98.3m; several 1-5cm wide										929071	96.9	98.3	27	45
		graphitic shears (minor graphite) at 30-50° to								✓		929072	98.3	101.3	24	<5
		core axis. 1-3% disseminated fine grained py.														
		- From 105.8m to 111.7m; as per section from										929073	105.8	108.8	24	45
		96.9m to 98.3m. Abundant brecciation (ketonic)										929074	108.8	111.7	20	20
		- From 112m to 126.3m; only very vague fragmental														
		texture in places; grades to pale green-grey														
		dacitic flow in places.														
126.3	148.0	Crystal Tuff														
		- dark green, andesitic matrix; some narrow										929075	130.1	133.1	6	<5
		sections grade to plagioclase porphyritic andesite.														
		- Some narrow sections grade to a vague														
		fragmental texture.														
		- upper contact (sharp) at 10° to C.A.														
		- clasts and feldspar crystals moderately														
		epidote altered; some erratic epidote patches														
		and stringers.														
		- abundant 1-10mm calcite stringers at all														
		orientations to C.A.														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. _____
Hole No. KL 94-01
Page 6 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
		- abundant orange - brown hematite on fractured surfaces.														
		- trace pyrite throughout; some narrow (<30cm) sections with tr - 2% py.								✓		929076	139.3	142.3	9	<5
		- trace - 5% magnetite as fine blebs and fine hairline stringers. A few narrow magnetite veinlets to 5mm wide intimately associated with calcite veining.									✓					
148.0	169.8	Massive Andesite														
		- dark green, weakly to moderately chloritized andesite (weak propylitic alteration) to ~ 155m														
		Some narrow sections look vaguely dioritic														
		- From 148.0m to 151.0m; numerous 10-20cm wide fault gouges at 60-70° to C.A.										929077	148.0	151.0	597	65
		Abundant 1-5mm wide talc and calcite stringers at various orientations. 1-3% blebs of medium grained pyrite. 1-2% blebs and stringers of magnetite. A couple of rare blebs of cpy						✓		✓	✓					
		- From 151.0m to 161.5 m; numerous 1-8 cm wide magnetite/pyrite veins; some 1-2cm wide magnetite only stringers; some disseminated and fracture-filled fine pyrite (1-2%)										929078	151.0	154.0	124	110
												929079	154.0	157.0	46	250
												929080	157.0	160.0	22	510
												929081	160.0	161.5	35	230
		Total for section ~ 5-8% magnetite and 2-5% py.														
		A few calcite and talc stringers; weakly to moderately chloritized along fractures.														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. _____
Hole No. KL 94-01
Page 7 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	Pb	ASSAYS Sample	From	To	Cu	Au
		- From 161.5m to 168.6m; dark green chloritized andesite															
		Tr - 1% f.g.d pyrite, tr pb, tr - 2% magnetik as fine disseminations and as rare 1-3mm stringers.								✓	✓	✓	929082	161.5	164.5	53	20
		- a few erratic calcik stringers															
		- From 168.6m to 169.8m; pale grey-green andesite. Somewhat vuggy in places where carbonate has leached out															
		A few erratic 1-5mm calcite stringers and rare chloritic patches															
		Tr - 2% disseminated f.g.d pyrite								✓							
		End of Hole 169.8m (557')															

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL SUMMARY

Project No. KL
Hole No. KL-94-06
Page 1 of 1

Property KL
Claim KL1
Section L48750E

Date Started
Date Finished
Logged By LEONARD GAL
Contractor ADVANCED DRILLING
Core Stored At DRILL SITE

CORE SIZE			
From	To	Size	
0	151.5	NQ	

Total Depth 151.5 m (497')
Core Recovery >97.5%

COLLAR SURVEY	
Northing	51330 N
Easting	48750 E
Elevation	1234 m
Bearing	180°
Dip	-60
Reference	GRID

DOWN HOLE SURVEY			
Depth	Dip	Azimuth	
152.3	-60		

SUMMARY LOG			ASSAYS (ppm, ppb)					
From	To		From	To	Cu	Au		
0	5.02	overburden	5	11	390	<5		
5.02	7.62	Bleached plagioclase - augite Flow	Includes:					
7.62	152.3	plagioclase (= augite) porphyry Flows locally megacrystic plagioclase	5	8	604	<5		
			16	25	194	<5		
			Includes:					
			22	25	259	115		

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-06
Page 1 of 7

INTERVAL		DESCRIPTION	ALTERATION				Frac. Int.	MINERALIZATION				ASSAYS				
From	To		A	B	C	D		CP	BN	PY	Mag	Sample	From	To	Cu	Au
0	5.02	casing														
5.02	7.62	Bleached light pinkish plagioclase porphyry (± augite) flow.										012010	5	8	175	<5
		- plag laths to 5mm in matrix of leached and bleached pyritic rock (5% pyrite)								X						
		- pyrite as equant 2mm blebs (replacement of augite) and larger patches.														
		- a few rusty pyritic fractures 1-2mm thick														
		- several carbonate fractures, straight to slightly discontinuous														
7.62	9.14	Fresh plagioclase megacryst porphyry flow										012011	8	11	604	<5
		- abundant plagioclase phenocrysts 15% 5mm and greater														
		- medium green colour, weak epidote alteration of plagioclase and chloritic alteration in mafic minerals, a little disseminated pyrite <1%, some in fractures as well.														
		- carbonate fractures mostly 40° to C.A, lesser pyrite and pyrite-carbonate fractures at higher angle to C.A. Slightly bleached envelopes about the latter														
9.14	15.3	Plagioclase porphyry flow.														
		- weakly chloritized, pyrite occurs in blebs and masses, lesser fractures.														
		- carbonate fractures at various orientations														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-06
Page 2 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
15.3	19.5	plagioclase megacryst porphyry flow										012012	16	19	125	<5
		- At top of interval a 90cm bleached zone, more or less symmetric about a 4cm carbonate vein. mafic minerals (augite) within pinkish-grey bleached zone are hematized with slight epidote alteration of plag phenocrysts.								X						
		- From 17m to bottom of interval pyrite increases again 2-3%?														
19.5	22.5	medium green plagioclase porphyry flow										012013	19	22	199	<5
		- straight carbonate fractures appear to post-date pyrite blebs and replacements.														
		- At bottom of section get hematitic alteration of mafics.														
		- some carbonate fractures slightly vuggy														
22.5	23.2	bleached and altered zone with considerable epidote-hematite fractures and carbonate fractures with trace chalcopyrite.						X				012014	22	25	159	115
23.2	26.4	similar green plagioclase (+ augite) porphyry flow														
26.4	26.65	bleached and altered zone (epidote-hematite) about a 3mm carbonate veinlet														
26.65	29.5	plagioclase-augite porphyry flow														
		- several carbonate veins 1-2cm wide at 60° to the core axis.														
		- some hematite alteration (replacement of mafics)														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-06
Page 3 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
26.65	29.5	- hematite, epidote and carbonate as thin fracture fillings as well.														
		- at base of interval a 20cm clayey gouge zone with pyrite-carbonate fractures										012015	29	32	118	<5
29.5	44.0	plagioclase - augite porphyry flow.										012016	32	35	326	<5
		- several irregular clots (replacement?) of epidote - carbonate - pyrite (+ hematite and chlorite).										012017	35	38	172	<5
		- a few pyrite in fractures and replacement of augite, 3% pyrite in total.								X						
		- at 32.2m a 3cm carbonate vein with epidote-hematite envelope, a little wall rock breccia within the vein, 20cm envelope in footwall														
		- at 33m see an increase in augite, still subordinate to plagioclase.						tr								
		- at 37.5 see some pyrite rims on chloritized mafics, very rare trace chalcopyrite noted														
		- at 43.3 2 thin chloritic shears.														
44.0	47.0	plagioclase - augite porphyry flow														
		- both pyrite fractures and disseminations decrease $\ll 1\%$														
47.0	56.0	plagioclase - augite porphyry flow										012018	48	51	275	<5
		- pyrite increases again, at 49.5m a 15cm wide zone of 5-8% pyrite in fractures and clots with chlorite selvedges and epidote rich envelopes.									X					

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-06
Page 4. of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
47.0	56.0	- carbonate fractures (some associated with chloritic shears) decrease toward base of interval														
56.0	59.0	mafic flow andesite - heterogeneous, areas with crowded phenocrysts, others uniformly fine grained. - several large pyrite clots with altered envelopes up to 8cm across.								X						
59.0	61.2	plagioclase - augite flow - smaller equant crystals, some alteration (chlorite epidote - hematite) - hairline carbonate fractures in various orientations - rare pyrite - carbonate fractures with bleached and epidotized envelopes														
61.2	64.0	plagioclase megacryst porphyry flow - plagioclase phenocrysts 4-10 mm long - pyrite (1.5 - 2%) as replacements of mafic minerals and in fractures. Speck of chalcopyrite noted. - Near bottom of interval, pyrite increases (3%) in a finer grained (non-porphyritic) interval						tr		X		012019	62	65	80	<5
64.0	67.5	plagioclase augite flow - 10cm chloritic clay gouge at top of interval - several carbonate fractures to 25mm, little pyrite - at base of interval 2 more clay gouge														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KC
Hole No. KC 94-06
Page 5 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
64.0	67.5	zones, at 55° to C.A., with some parallel carbonate fractures.														
67.5	75.0	plagioclase megacryst porphyry flow						tr				012020	69.5	72.5	213	<5
		- several thin chlorite - carbonate fractures parallel to core axis.														
		- rock is lent a maroon hue (hematitic alteration?)														
		- epidote alteration increases, in fractures up to several cm wide (70° to C.A.), and as replacement of plagioclase. Epidote fractures cut by later carbonate fractures.														
		- trace chalcopyrite in thin quartz fracture within epidote-altered patch. Most sulphides occur in these epidote altered patches. Controlling structures are not apparent.														
		- at 73.4 a chloritic gouge zone with lots of carbonate fractures, little pyrite.														
75.0	80.0	plagioclase megacryst porphyry flow						tr		X						
		- cut by many fractures and several thin clayey zones. many hairline carbonate fractures, majority are parallel to core axis														
		- A little pyrite in carbonate - epidote veinlets with trace chalcopyrite.														
80.0	82.8	dark green plagioclase porphyry flow														
		- few large plagioclase crystals, increase in chloritic alteration of groundmass.														
		- several hairline to 8mm thick carbonate veinlets														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-06
Page 6 of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu	Au
82.8	106.5	Crowded plagioclase porphyry.														
		- 30% large 10mm plagioclase phenocrysts, few mafic phenocrysts.														
		- at 85 m a 4cm carbonate vein with brecciated margins (wall rock clasts)										012021	87	90	134	<5
		- hematite - chlorite alteration (replacement of mafics?), cut by thin carbonate fractures.										012022	99	102	116	<5
		- sulphides rare, trace chalcopyrite in 4mm carbonate fracture with envelope of epidote alteration.										012023	102	105	151	<5
		- at 90.4 m a 5cm breccia zone at 40° to C.A., dark green chloritic fragments in epidote - carbonate matrix, very little pyrite.														
		- at 92.5 m a 4cm chloritic gouge zone with trace of chalcopyrite in carbonate fracture.														
		- • carbonate - epidote fractures are cut by later carbonate fractures. Also note some of the former have thin hematitic envelopes, although pyrite is rare. These fractures increase from 93.5 m down hole.														
		- by 99.5 m pyrite increases (with trace chalcopyrite) as blebs and within carbonate lenticular fractures. Pyrite to 4%, then decreases again to ~1% by 102 m.						tr			X					
												012024	107	110	69	<5
												102025	117	120	144	<5
106.5	132.0	plagioclase porphyry flow.										102026	127	130	299	<5
		- pyrite increases to 5% in replacements, agglomerations and blebs, little carbonate and traces chalcopyrite to 115 m.									X	102027	138	141	130	<5
												102028	148	151	166	<5
		- carbonate fractures present but not abundant.														

HUDSON BAY EXPLORATION & DEVELOPMENT Co. Ltd.

DIAMOND DRILL LOG

Project No. KL
Hole No. KL 94-06
Page 7. of 7

INTERVAL From	INTERVAL To	DESCRIPTION	ALTERATION A	B	C	D	Frac. Int.	MINERALIZATION CP	BN	PY	Mag	ASSAYS Sample	From	To	Cu
132.0	136.0	andesitic flow													
		- small (<2mm) plagioclase and lesser mafic (augite) crystals in green-grey matrix													
		- pyrite is very rare <1%, carbonate fractures fairly common, little other alteration													
		- 2-3 <10cm wide gouge zones occur.													
136.0	152.3	plagioclase porphyry flow													
		- larger plagioclase phenocrysts 4mm+								X					
		- by 139 m, pyrite occurences increase again (2-4%) in fractures and disseminated clots													
		- epidote-hematite fractures, and epidote + quartz veining observed.													
		- at 144m a 20cm chloritic gouge zone, also some thinner (2cm) chlorite-hematite fracture-gouge zones.													
		EOH.													

APPENDIX 4

ANALYTICAL RESULTS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

Project : KL
Comments: ATTN: BRIAN GAME CC: ED YARROW

Page Number : 1-A
Total Pages : 1
Certificate Date: 05-OCT-94
Invoice No. : I9427496
P.O. Number :
Account : T

CERTIFICATE OF ANALYSIS A9427496

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
929051	205	274	10	< 0.2	0.64	2	370	< 0.5	< 2	1.84	< 0.5	6	37	83	1.60	< 10	< 1	0.28	< 10	0.33	340
929052	205	274	< 5	< 0.2	0.77	2	430	< 0.5	< 2	1.70	< 0.5	7	38	25	1.60	< 10	< 1	0.31	< 10	0.45	365
929053	205	274	< 5	< 0.2	0.95	< 2	450	< 0.5	< 2	2.51	< 0.5	4	30	84	1.77	< 10	< 1	0.41	< 10	0.41	450
929054	205	274	< 5	< 0.2	0.53	< 2	20	< 0.5	< 2	1.74	< 0.5	12	32	30	3.35	< 10	< 1	0.30	< 10	0.50	345
929055	205	274	< 5	< 0.2	0.67	2	40	< 0.5	< 2	2.55	< 0.5	7	39	340	1.93	< 10	< 1	0.32	< 10	0.45	320
929056	205	274	< 5	< 0.2	0.53	< 2	160	< 0.5	2	2.71	< 0.5	5	39	4	1.43	< 10	< 1	0.20	< 10	0.95	300
929057	205	274	< 5	< 0.2	0.68	< 2	110	< 0.5	< 2	2.50	< 0.5	5	51	2	1.73	< 10	< 1	0.18	< 10	0.72	230
929058	205	274	< 5	< 0.2	0.59	< 2	230	< 0.5	< 2	2.94	< 0.5	4	38	4	1.82	< 10	< 1	0.25	< 10	0.88	370
929059	205	274	25	< 0.2	0.69	< 2	80	< 0.5	< 2	2.72	< 0.5	6	48	7	2.39	< 10	< 1	0.41	< 10	0.86	445
929060	205	274	< 5	< 0.2	0.64	2	40	< 0.5	2	2.24	< 0.5	11	48	146	2.35	< 10	< 1	0.34	< 10	0.52	335
929061	205	274	40	< 0.2	0.87	4	40	< 0.5	< 2	1.08	< 0.5	12	38	256	2.33	< 10	< 1	0.50	< 10	0.32	240
929062	205	274	15	< 0.2	0.64	< 2	30	< 0.5	< 2	1.78	< 0.5	18	28	273	2.17	< 10	< 1	0.40	< 10	0.33	290
929063	205	274	55	< 0.2	0.82	6	30	< 0.5	< 2	1.14	< 0.5	17	37	65	3.31	< 10	< 1	0.42	< 10	0.23	235
929064	205	274	25	< 0.2	0.88	2	350	< 0.5	< 2	2.01	< 0.5	5	24	56	2.78	< 10	< 1	0.41	< 10	0.40	315
929065	205	274	< 5	< 0.2	0.93	< 2	450	< 0.5	< 2	1.71	< 0.5	2	30	17	2.38	< 10	< 1	0.51	< 10	0.42	285
929066	205	274	< 5	< 0.2	0.94	< 2	340	< 0.5	4	1.75	< 0.5	6	20	50	2.72	< 10	< 1	0.44	< 10	0.59	440
929067	205	274	150	< 0.2	4.52	< 2	570	< 0.5	< 2	2.92	< 0.5	18	105	196	8.68	10	< 1	1.38	< 10	4.15	1295
929068	205	274	15	< 0.2	3.78	6	500	< 0.5	< 2	3.18	< 0.5	20	82	94	6.16	10	< 1	0.98	< 10	3.65	950
929069	205	274	< 5	< 0.2	0.92	< 2	380	< 0.5	< 2	2.46	< 0.5	9	26	113	2.02	< 10	< 1	0.43	< 10	0.81	380
929070	205	274	< 5	< 0.2	0.64	6	340	< 0.5	< 2	3.23	< 0.5	11	33	185	2.21	< 10	< 1	0.34	< 10	1.19	565
929071	205	274	45	< 0.2	0.81	< 2	130	< 0.5	< 2	2.23	< 0.5	9	34	27	2.03	< 10	< 1	0.38	< 10	0.58	410
929072	205	274	< 5	< 0.2	0.50	4	410	< 0.5	< 2	1.96	< 0.5	7	23	24	1.33	< 10	< 1	0.27	< 10	0.61	410
929073	205	274	45	0.6	0.59	4	60	< 0.5	< 2	2.41	< 0.5	8	42	24	2.27	< 10	< 1	0.29	< 10	0.50	300
929074	205	274	20	0.2	0.53	< 2	210	< 0.5	< 2	2.59	< 0.5	6	56	20	1.60	< 10	< 1	0.25	< 10	0.75	435
929075	205	274	< 5	< 0.2	1.87	< 2	20	< 0.5	< 2	4.13	< 0.5	6	57	6	4.09	< 10	< 1	0.11	< 10	1.73	615
929076	205	274	< 5	< 0.2	1.75	< 2	90	< 0.5	< 2	3.82	< 0.5	9	48	9	4.41	< 10	< 1	0.30	< 10	1.90	615
929077	205	274	65	< 0.2	2.71	< 2	360	< 0.5	< 2	4.78	0.5	8	33	597	4.58	< 10	< 1	1.16	< 10	1.91	820
929078	205	274	110	< 0.2	2.22	6	150	< 0.5	< 2	2.23	< 0.5	12	16	124	7.15	10	< 1	0.91	< 10	1.27	660
929079	205	274	250	< 0.2	1.93	12	190	< 0.5	< 2	3.10	< 0.5	6	16	46	6.33	10	< 1	0.96	< 10	1.22	695
929080	205	274	510	< 0.2	1.66	< 2	100	< 0.5	< 2	3.44	0.5	8	22	22	7.35	10	< 1	0.69	< 10	1.18	865
929081	205	274	230	0.2	1.09	< 2	20	< 0.5	< 2	2.91	< 0.5	12	33	35	8.43	< 10	< 1	0.59	< 10	0.89	755
929082	205	274	20	< 0.2	1.81	< 2	500	< 0.5	< 2	3.42	0.5	7	13	53	4.87	< 10	< 1	1.26	< 10	1.54	850

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

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Certificate Date: 05-OCT-94
Invoice No. : I9427496
P.O. Number :
Account :T

CERTIFICATE OF ANALYSIS A9427496

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
929051	205	274	< 1	0.07	1	780	2	4	1	46	< 0.01	< 10	< 10	15	< 10	16
929052	205	274	1	0.07	< 1	810	2	4	1	38	< 0.01	< 10	< 10	14	< 10	20
929053	205	274	< 1	0.04	1	790	4	4	1	102	< 0.01	< 10	< 10	10	< 10	16
929054	205	274	2	0.04	1	750	2	4	1	50	< 0.01	< 10	< 10	9	< 10	16
929055	205	274	8	0.02	2	790	2	4	1	91	< 0.01	< 10	< 10	7	< 10	12
929056	205	274	1	0.05	3	800	2	2	3	82	< 0.01	< 10	< 10	16	< 10	14
929057	205	274	12	0.07	6	840	< 2	4	5	96	0.02	< 10	< 10	36	< 10	12
929058	205	274	< 1	0.04	4	800	2	< 2	2	87	< 0.01	< 10	< 10	17	< 10	18
929059	205	274	< 1	0.04	6	850	2	2	3	85	< 0.01	< 10	< 10	16	< 10	20
929060	205	274	1	0.02	< 1	750	2	2	1	111	< 0.01	< 10	< 10	8	< 10	16
929061	205	274	< 1	0.03	1	840	4	4	1	58	< 0.01	< 10	< 10	9	< 10	18
929062	205	274	< 1	0.02	1	850	8	6	< 1	68	< 0.01	< 10	< 10	6	< 10	12
929063	205	274	< 1	0.01	1	790	4	4	< 1	42	< 0.01	< 10	< 10	12	< 10	16
929064	205	274	< 1	0.04	1	790	2	4	1	83	0.01	< 10	< 10	22	< 10	18
929065	205	274	< 1	0.06	< 1	780	4	2	1	74	0.01	< 10	< 10	32	< 10	18
929066	205	274	< 1	0.06	1	830	2	4	1	58	0.01	< 10	< 10	30	< 10	30
929067	205	274	< 1	0.01	24	820	6	8	20	322	0.16	< 10	< 10	207	< 10	90
929068	205	274	< 1	0.01	26	800	6	6	18	1040	0.19	< 10	< 10	176	< 10	56
929069	205	274	4	0.04	2	780	2	2	3	96	< 0.01	< 10	< 10	25	< 10	16
929070	205	274	9	0.05	4	880	2	6	7	101	< 0.01	< 10	< 10	29	< 10	28
929071	205	274	1	0.02	3	790	8	4	1	97	< 0.01	< 10	< 10	9	< 10	22
929072	205	274	< 1	0.04	< 1	800	< 2	2	1	69	< 0.01	< 10	< 10	7	< 10	22
929073	205	274	< 1	0.02	3	720	2	4	1	91	< 0.01	< 10	< 10	7	< 10	14
929074	205	274	< 1	0.02	4	540	4	2	1	119	< 0.01	< 10	< 10	7	< 10	20
929075	205	274	< 1	0.05	8	1740	< 2	8	8	209	0.11	< 10	< 10	96	< 10	32
929076	205	274	< 1	0.06	9	1750	2	6	11	162	0.13	< 10	< 10	123	< 10	34
929077	205	274	< 1	0.02	5	1720	4	8	10	150	0.06	< 10	< 10	114	< 10	48
929078	205	274	< 1	< 0.01	2	1930	< 2	8	4	62	0.04	< 10	< 10	77	< 10	50
929079	205	274	1	0.01	3	1910	6	8	4	80	0.05	< 10	< 10	76	< 10	54
929080	205	274	< 1	< 0.01	3	1600	6	8	4	83	0.02	< 10	< 10	60	< 10	50
929081	205	274	< 1	< 0.01	2	1620	6	12	3	56	0.01	< 10	< 10	52	< 10	42
929082	205	274	< 1	0.01	1	1980	6	6	4	121	0.07	< 10	< 10	68	< 10	58

CERTIFICATION: Stan Buchko

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

Project : KL
Comments: CC: ED YARROW

Page Number :1-A
Total Pages :1
Certificate Date: 19-OCT-94
Invoice No. :19428606
P.O. Number :
Account :T

DDH KL 94-06.

CERTIFICATE OF ANALYSIS A9428606

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
012010 5-8	205	294	< 5	< 0.2	2.01	< 2	60	< 0.5	< 2	2.58	< 0.5	19	29	175	5.33	10	< 1	0.33	< 10	0.89	585
012011 8-11	205	294	< 5	< 0.2	2.10	< 2	300	< 0.5	< 2	2.62	< 0.5	17	27	604	4.55	10	< 1	0.35	< 10	0.99	580
012012 16-19	205	294	< 5	< 0.2	2.55	< 2	140	< 0.5	< 2	3.01	< 0.5	26	23	125	5.44	10	1	0.24	< 10	1.53	1000
012013 19-22	205	294	< 5	< 0.2	2.21	< 2	180	< 0.5	< 2	2.95	< 0.5	18	19	199	5.24	10	1	0.23	< 10	1.29	790
012014 22-25	205	294	115	< 0.2	2.44	< 2	340	< 0.5	< 2	2.74	< 0.5	14	20	259	5.19	10	< 1	0.18	< 10	1.46	770
012015 29-32	205	294	< 5	< 0.2	2.26	< 2	190	< 0.5	< 2	2.67	< 0.5	14	17	118	4.48	10	< 1	0.26	< 10	1.12	685
012016 32-35	205	294	< 5	< 0.2	2.10	< 2	150	< 0.5	< 2	3.25	< 0.5	18	18	326	4.89	10	< 1	0.27	< 10	1.02	685
012017 35-38	205	294	< 5	< 0.2	1.79	< 2	110	< 0.5	< 2	3.31	< 0.5	22	18	172	4.73	10	< 1	0.33	< 10	0.84	700
012018 46-51	205	294	< 5	< 0.2	1.97	< 2	180	< 0.5	< 2	3.30	< 0.5	23	13	275	4.33	10	< 1	0.32	< 10	0.98	680
012019 62-65	205	294	< 5	< 0.2	3.25	< 2	370	< 0.5	< 2	5.62	< 0.5	27	190	80	5.23	< 10	1	0.11	< 10	3.32	1150
012020 69.5-72.5	205	294	< 5	< 0.2	2.54	< 2	2440	< 0.5	< 2	2.57	< 0.5	22	39	213	4.69	10	< 1	0.08	< 10	1.82	880
012021 47-40	205	294	< 5	< 0.2	2.31	< 2	160	< 0.5	< 2	2.66	< 0.5	21	21	134	5.57	10	1	0.13	< 10	1.69	845
012022 99-102	205	294	< 5	< 0.2	1.68	< 2	180	< 0.5	< 2	3.35	< 0.5	19	17	116	4.48	< 10	< 1	0.34	< 10	0.83	790
012023 102-105	205	294	< 5	< 0.2	2.39	< 2	230	< 0.5	< 2	2.97	< 0.5	15	14	151	5.70	10	< 1	0.18	< 10	1.39	650
012024 107-110	205	294	< 5	< 0.2	2.22	< 2	140	< 0.5	< 2	5.22	< 0.5	22	38	69	4.76	< 10	< 1	0.46	< 10	1.05	690
012025 117-120	205	294	< 5	< 0.2	1.56	< 2	70	< 0.5	< 2	3.79	< 0.5	20	25	144	5.25	10	< 1	0.25	< 10	0.88	615
012026 127-130	205	294	< 5	< 0.2	1.78	< 2	130	< 0.5	< 2	4.45	< 0.5	21	45	299	5.32	10	< 1	0.43	< 10	0.92	805
012027 138-141	205	294	< 5	< 0.2	2.67	< 2	180	< 0.5	< 2	3.51	< 0.5	20	37	130	5.55	10	< 1	0.25	< 10	1.47	1045
012028 148-151.	205	294	< 5	< 0.2	2.30	< 2	190	< 0.5	< 2	2.62	< 0.5	22	28	166	4.90	10	1	0.19	10	1.55	745

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

Project : KL
Comments: CC: ED YARROW

Page Number :1-B
Total Pages :1
Certificate Date: 19-OCT-94
Invoice No. :I9428606
P.O. Number :
Account :T

CERTIFICATE OF ANALYSIS A9428606

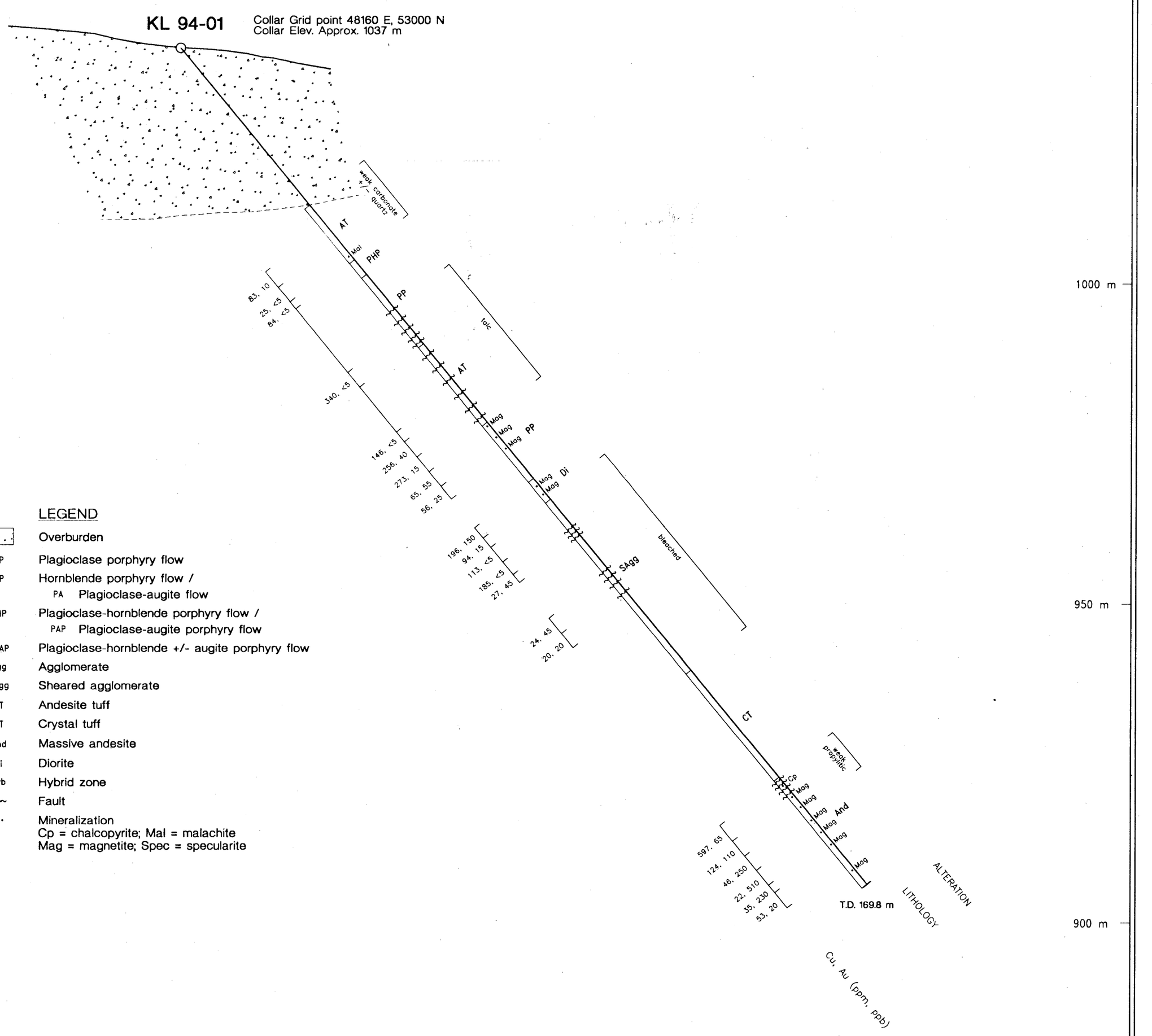
SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
012010	205	294	< 1	0.03	13	1930	8	< 2	8	103	0.07	< 10	< 10	65	< 10	74
012011	205	294	< 1	0.03	50	1960	< 2	< 2	7	109	0.11	< 10	< 10	77	< 10	64
012012	205	294	< 1	0.03	13	1800	6	< 2	10	149	0.04	< 10	< 10	95	< 10	106
012013	205	294	< 1	0.03	15	1850	2	< 2	9	412	0.03	< 10	< 10	70	< 10	82
012014	205	294	< 1	0.04	11	1720	< 2	< 2	8	744	0.03	< 10	< 10	92	< 10	82
012015	205	294	< 1	0.03	11	1830	< 2	< 2	7	682	0.02	< 10	< 10	52	< 10	72
012016	205	294	< 1	0.03	10	1760	< 2	< 2	7	726	0.01	< 10	< 10	56	< 10	58
012017	205	294	< 1	0.03	12	1860	4	< 2	6	326	0.01	< 10	< 10	46	< 10	54
012018	205	294	< 1	0.03	11	1850	< 2	< 2	6	3140	0.07	< 10	< 10	43	< 10	54
012019	205	294	< 1	0.02	36	1150	< 2	< 2	17	220	0.06	< 10	< 10	112	10	78
012020	205	294	2	0.04	16	1750	2	< 2	7	417	0.14	< 10	< 10	108	< 10	66
012021	205	294	< 1	0.04	12	1760	2	< 2	8	217	0.13	< 10	< 10	121	< 10	60
012022	205	294	< 1	0.02	8	1720	4	< 2	4	119	0.02	< 10	< 10	45	< 10	58
012023	205	294	< 1	0.04	10	1680	2	< 2	7	161	0.04	< 10	< 10	94	< 10	64
012024	205	294	< 1	0.02	10	1700	< 2	< 2	4	149	< 0.01	< 10	< 10	46	< 10	48
012025	205	294	< 1	0.03	9	1880	10	< 2	3	139	0.04	< 10	< 10	40	< 10	42
012026	205	294	< 1	0.04	9	1940	6	< 2	4	136	< 0.01	< 10	< 10	45	< 10	60
012027	205	294	< 1	0.07	10	1790	2	< 2	9	154	0.08	< 10	< 10	105	< 10	102
012028	205	294	< 1	0.08	11	1820	< 2	2	9	161	0.12	< 10	< 10	113	< 10	64

CERTIFICATION: Hart Bichler

NORTHEAST

SOUTHWEST

(LINE OF SECTION 045° AZIMUTH - FACING NORTHWEST)



LEGEND

	Overburden
PP	Plagioclase porphyry flow
HP	Hornblende porphyry flow /
PA	Plagioclase-augite flow
PHP	Plagioclase-hornblende porphyry flow /
PAP	Plagioclase-augite porphyry flow
PHAP	Plagioclase-hornblende +/- augite porphyry flow
Agg	Agglomerate
SAgg	Sheared agglomerate
AT	Andesite tuff
CT	Crystal tuff
And	Massive andesite
Di	Diorite
Hyb	Hybrid zone
~~	Fault
Cp•	Mineralization Cp = chalcopyrite; Mal = malachite Mag = magnetite; Spec = specularite

0 10 20 30 40 50 m

SCALE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,640

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

KL PROPERTY

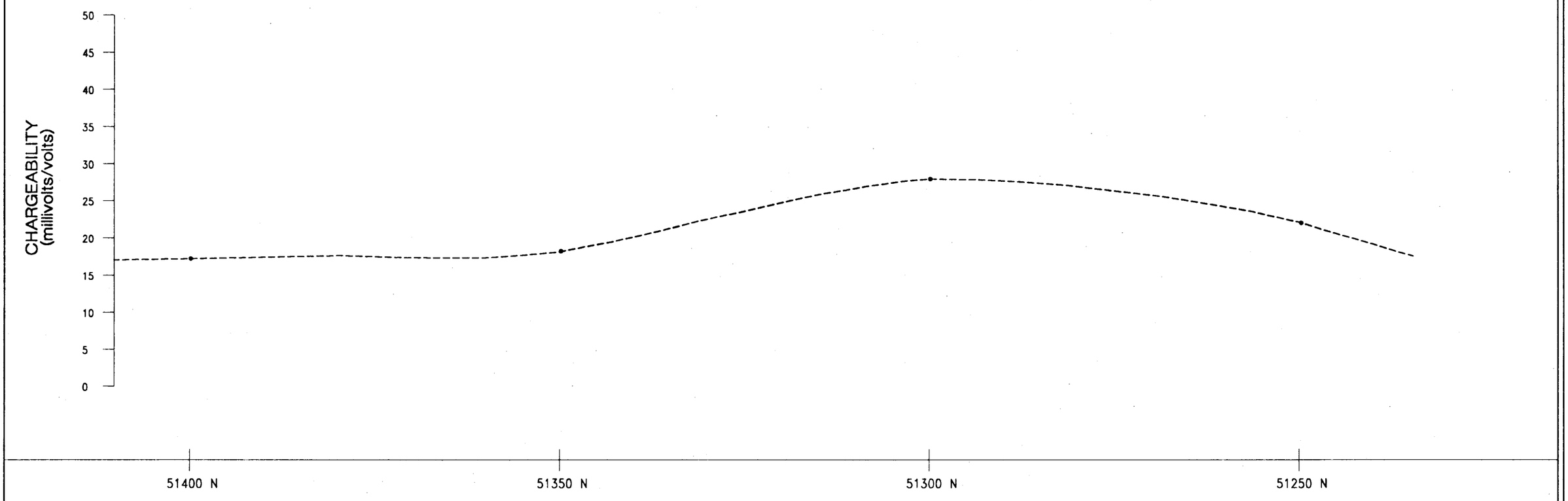
OMINECA MINING DIVISION, B.C. N.T.S: 93 N/7

DRILL SECTION

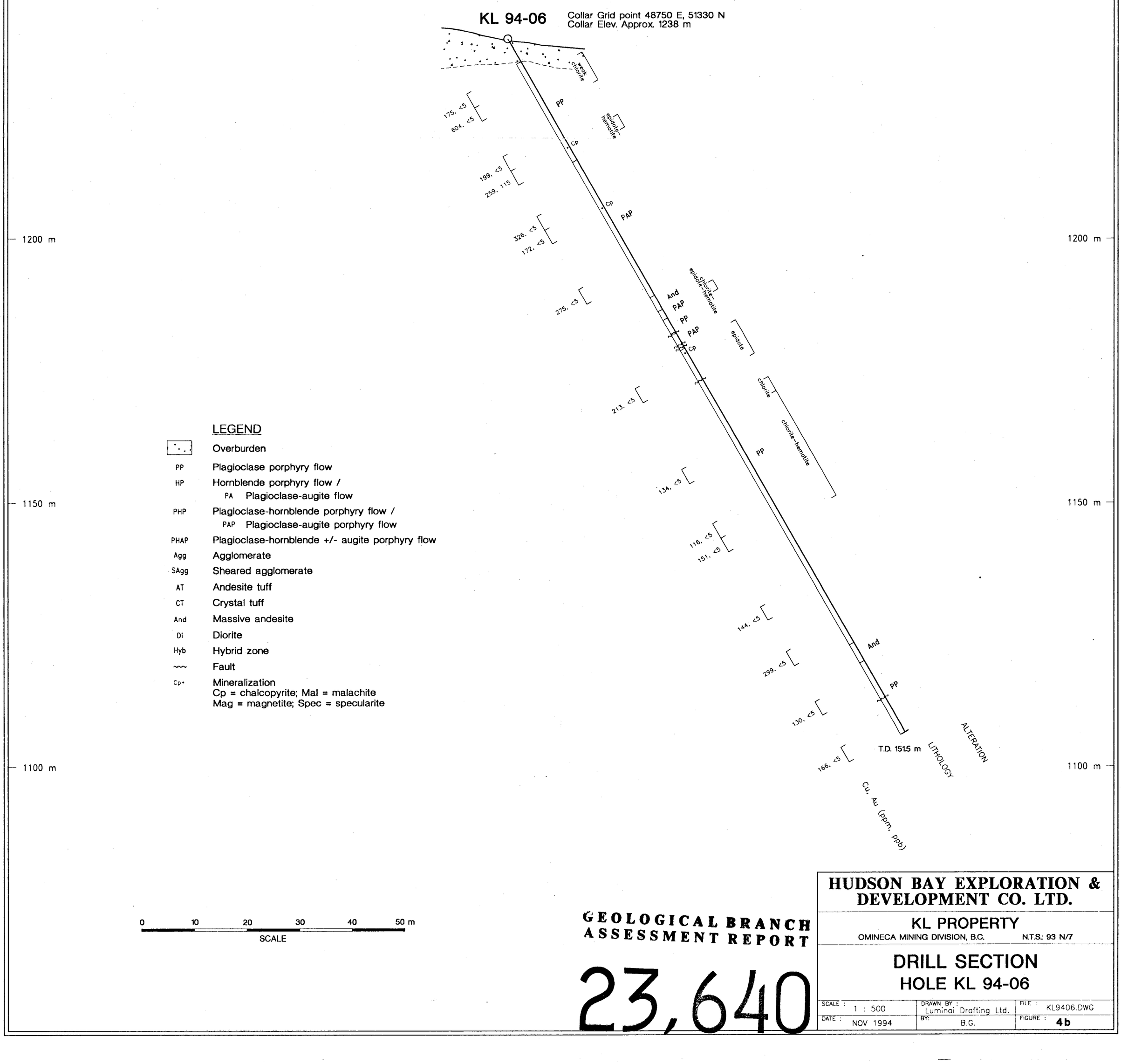
HOLE KL 94-01

SCALE : 1 : 500	DRAWN BY : Luminai Drafting Ltd.	FILE : KL9401.DWG
DATE : NOV 1994	BY: B.G.	FIGURE : 4a

CHARGEABILITY PROFILE



NORTH (LINE OF SECTION 48750 E - FACING EAST) SOUTH



LEGEND

- Overburden
- PP — Plagioclase porphyry flow
- HP — Hornblende porphyry flow / PA Plagioclase-augite flow
- PHP — Plagioclase-hornblende porphyry flow / PAP Plagioclase-augite porphyry flow
- PHAP — Plagioclase-hornblende +/- augite porphyry flow
- Agg — Agglomerate
- SAgg — Sheared agglomerate
- AT — Andesite tuff
- CT — Crystal tuff
- And — Massive andesite
- Di — Diorite
- Hyb — Hybrid zone
- ~~~ — Fault
- Cp• — Mineralization
  Cp = chalcopyrite; Mal = malachite
  Mag = magnetite; Spec = specularite

0 10 20 30 40 50 m
SCALE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,640

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

KL PROPERTY
OMINECA MINING DIVISION, B.C. N.T.S.: 93 N/7

DRILL SECTION
HOLE KL 94-06

SCALE : 1 : 500	DRAWN BY : Luminai Drafting Ltd.	FILE : KL9406.DWG
DATE : NOV 1994	BY: B.G.	FIGURE : 4b