GEOLOGICAL, GEOCHEMICAL REPORT

ON THE

UDUK LAKE PROPERTY

DUK 1 - 4 CLAIMS

6275, 6276, 6277, 9303

OMINECA MINING DIVISION, BRITISH COLUMBIA

Lat. 53°38'N Long. 126°00' W

NTS 93E/9, F/12

for

PACIFIC COMOX RESOURCES LTD.

by

J.C. STEPHEN, DIRECTOR

JUNE 8, 1993

VANCOUVER, B.C.

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MAPS

SUMMARY

Pacific Comox Resources Ltd. holds 100% interest in the DUK 1-4 claim group subsequent to acquisition of an interest in the property previously being earned by Chalice Mining Inc.. The Pacific Comox interest is subject to a 10% NPI royalty due to the property vendor.

Access to the property has been by fixed wing aircraft and, on occasion, by helicopter. Forest access roads exist to within 10 kilometres east of the property.

In 1985 and 1988 geochemical, geological and induced polarization surveys were conducted which outlined scattered gold geochemical anomalies, intensely altered, quartz veined and brecciated rhyolite and extensive IP anomalies. In October of 1988 five diamond drill holes tested a portion of an anomalous zone.

During 1992 geologists employed by Homestake Canada Ltd. carried out an examination of the main alteration zones and collected 56 rock samples and 108 soil samples for geochemical analysis. This report is based primarily on that data supplemented by data provided by employees of Pacific Comox.

The property hosts a large epithermal alteration zone with significant gold and silver values with accompanying tracer elements. Further exploration is warranted

CONCLUSIONS AND RECOMMENDATIONS

The DUK 1-4 claims cover Ootsa Lake volcanics of probable Eocene age and an area of possible altered Cretaceous (?) intrusive. The rhyolitic volcanics are strongly altered, veined and brecciated and contain significant gold values. The mineralized zones exhibit many characteristics of volcanic hosted epithermnal gold deposits.

Ordinary soil sampling is not a viable exploration method on this property due to the masking effect of the glacial till cover. Sparse outcrop limits the value of geological mapping.

Further exploration is certainly warranted as a result of the gold values obtained and the rock alteration exhibited. It is proposed that such exploration be concentrated on:-

a) detailed precise magnetometer surveying to cover the northeast trending zones of interest indicated plus a wide zone on either side in an effort to outline the indicated intrusive centre and possibly the extent of the altered silicified host rocks;

b) backhoe trenching where viable with regard to depth of glacial till over the best indicated mineralized zones. This trenching to be accompanied by detailed sampling and assaying.

c) possible reverse circulation drill testing of the glacial till/bedrock interface to outline areas of interest in areas of deeper overburden.

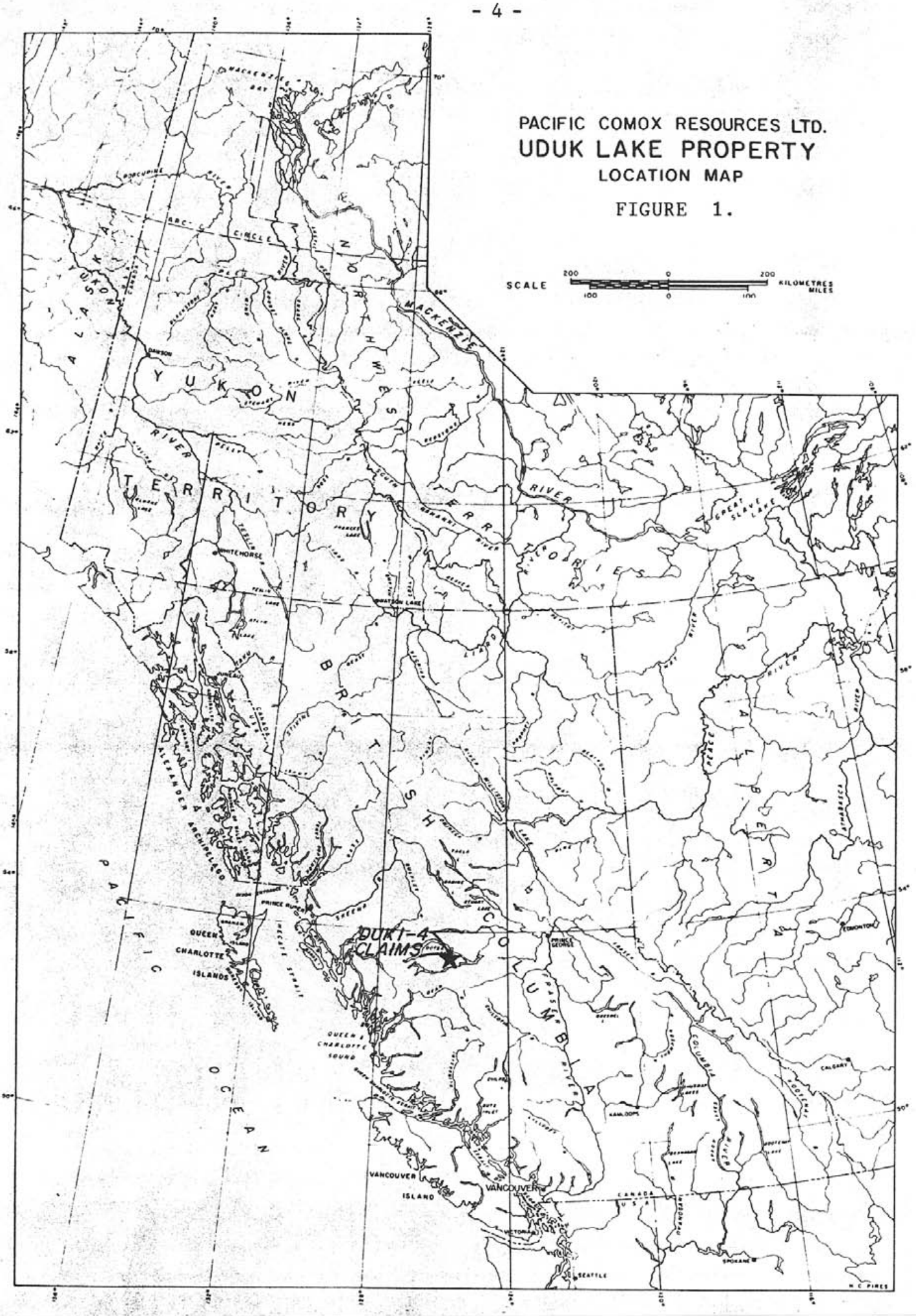
Except for the magnetometer survey, the execution of these programs, and their cost, will be dependant on gaining 4 wheel drive road access from the forestry roads lying some 10 kilometres to the east of the property.

No cost estimates are attempted here as too much is dependant on the probable political/regulatory delays in getting work permits for such a program at the present time.

INTRODUCTION

The DUK 1-4 claims cover a large area of argillized, quartz veined and locally brecciated rhyolitic volcanic rocks. The property is one of a number of epithermal precious metal prospects in this region of British Columbia which bear similarities to volcanic hosted epithermal gold deposits developed in the basin and range districts of Nevada.

Previous exploration programs returned up to 1500 ppb gold in soil samples, 1480 ppb gold in rock samples and up to 1060 ppb gold in drill core. The 1992 program located values up to 5740 ppb gold in quartz veined breccia. The gold bearing epithermal system has minimum dimensions of 2 km by 3.5 km and is hosted by quartz and quartz feldspar porphyritic rhyolites of probable Eocene age. Elevated silver, arsenic, mercury and some antimony values accompany the gold values.


PACIFIC COMOX RESOURCES LTD.
UDUK LAKE PROPERTY
LOCATION MAP
FIGURE 1.
SCALE
200 0 200
KILOMETRES
100 0 100
MILES
YUKON TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ALBERTA
ALASKA
PACIFIC OCEAN
MACKENZIE
DAWSON
WHITEHORSE
WATSON LAKE
GREAT SLAVE LAKE
PRINCE RUPERT
PRINCE GEORGE
EDMONTON
CALGARY
VANCOUVER
VANCOUVER ISLAND
SEATTLE
SPOKANE
QUEEN CHARLOTTE ISLANDS
QUEEN CHARLOTTE SOUND
ALEXANDER ARCHIPELAGO
DUKI-4 CLAIMS
ARCTIC CIRCLE
CANADA
U.S.A.
N.C. PIRES

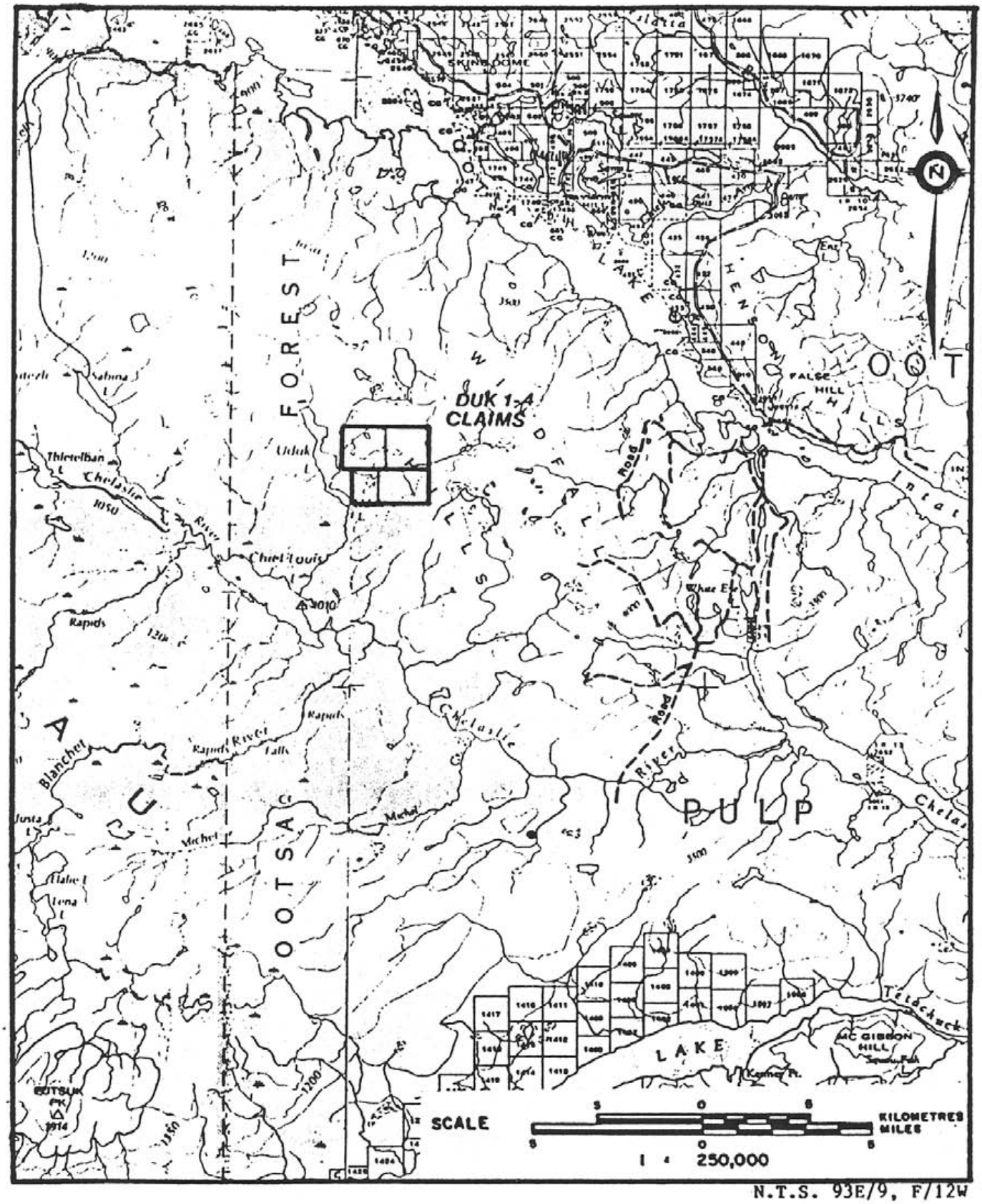
LOCATION, PHYSIOGRAPHY, ACCESS

The Uduk Lake property is situated 70 kilometres south-southwest of Burns Lake in the interior plateau region of central British Columbia. The claims lie in the western Windfall Hills area east of Uduk Lake approximately 17 kilometres south of Ootsa lake. Elevations range from about 1100 to about 1220 metres above sea level. Lakes and swampy areas are common.

Regional glacial ice movement toward the northeast has produced a strong northeast lineation to the surface topography. Glacial till and rubble masks most of the surface area and, together with development of swamps and thick humus, effectively reduces the geochemical response in soil samples.

Access to the property is most conveniently by fixed wing aircraft from Burns Lake to Uduk Lake. Helicopters have been used to mobilize drill equipment to the property. Forest access roads developed between the southeast end of Ootsa Lake and the northwest end of Chelaslie Lake provide access to points approximately 10 kilometres east of the property.

The east boundary of Tweedsmuir Provincial Park is located 5 kilometres west of the claim group.



N.T.S. 93E/9, F/12W

ACCESS MAP

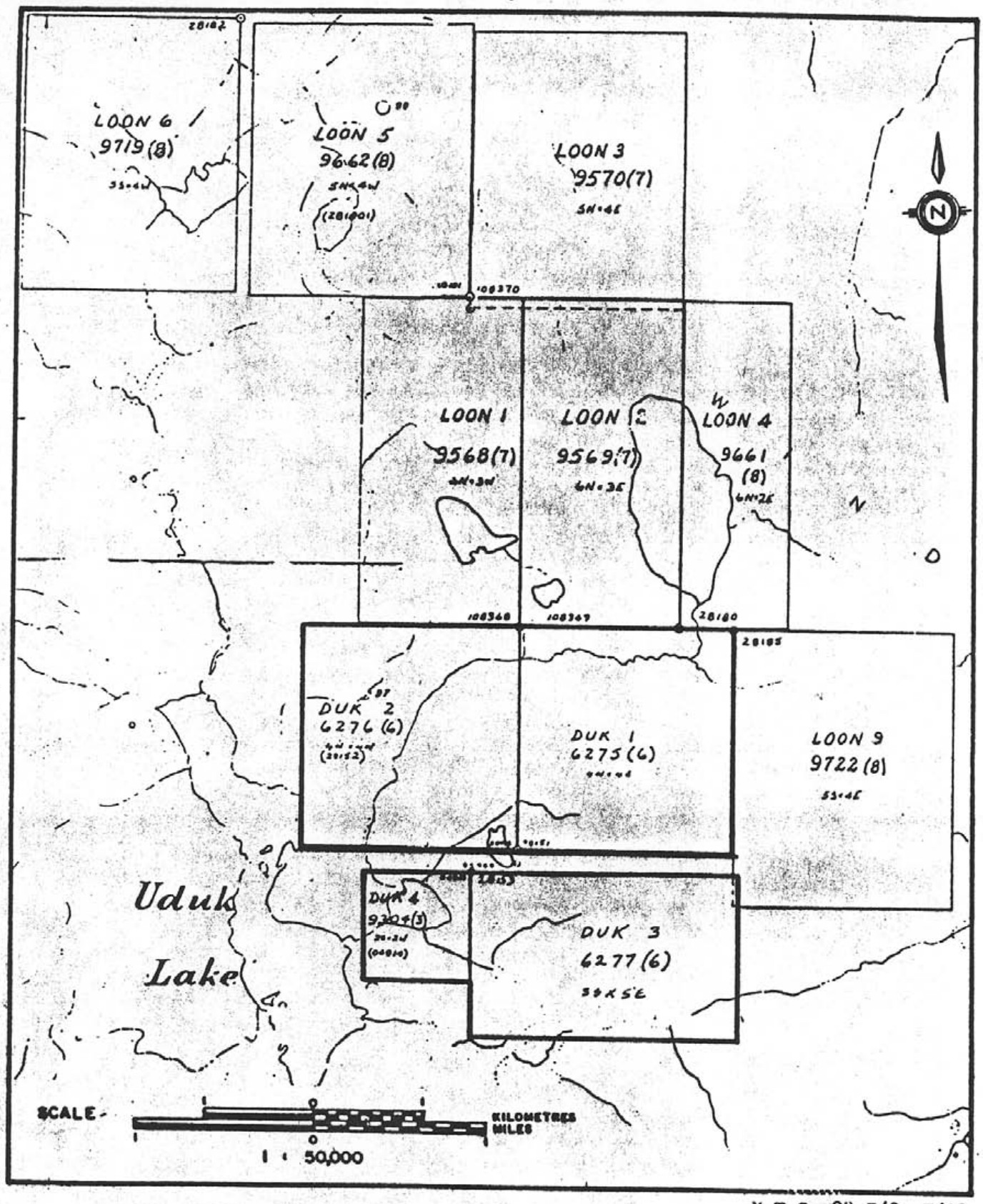
DUK 1 - 4 CLAIMS

Omenica Mining Division - British Columbia

CLAIM DATA

The Uduk property is made up of 4 claims consisting of 51 units which are held in the name of Pacific Comox Resources Ltd.

CLAIM NAME	NO OF UNITS	RECORD NO.	EXPIRY DATE
DUK 1	16	6275	June 20, 1993
DUK 2	16	6276	June 20, 1993
DUK 3	15	6277	June 20, 1993
DUK 4	4	9303	March 18, 1993



N.T.S. 93 E/9, F/12

DUK CLAIMS

CLAIM MAP

Omineca Mining Division - British Columbia

Figure 3

HISTORY

The Uduk Lake property was originally staked in 1981 by AMAX Exploration Ltd. who subsequently conducted some reconnaissance mapping and sampling but allowed the claims to expire.

In 1984 the property was restaked by S. Travis. At the time of staking a grab sample of quartz veined rhyolite was collected which returned a gold value of 3800 ppb.

Asitka Resources Corporation optioned the property and conducted preliminary rock and soil geochemical sampling in 1985 and 78 metres of Winkie drilling in three holes in early 1986. This work revealed weakly anomalous gold values ranging from 20 to 1450 ppb gold in one of the quartz vein stockwork zones.

In 1987 Pacific Comox Resources Ltd. optioned the property from Travis and in 1988 Chalice Mining Inc., under an agreement to earn 50% interest, conducted a program of line cutting, geological and geochemical surveys, an IP survey and diamond drilled 358 metres in five holes. Chalice did not exercise its option and in December 1992 Pacific Comox had obtained ownership of the property subject to a 10% Net Profits royalty payable to the claim vendor.

PROPERTY GEOLOGY AND GEOCHEMICAL RESULTS

The property is underlain by Ootsa lake volcanic rocks of which five mappable units have been recognized.

UNIT 1 Variously textured tuffs and volcanic breccias of rhyolite and rhyodacite composition which outcrop mainly to the south of the claim group.

UNIT 2 Flow banded rhyolite, grey to purplish grey in colour. Variations in colour and texture define flow layering. This was the most abundant rock encountered by diamond drilling in the southeast portion of claim DUK 2.

UNIT 3 Porphyritic rhyolite, white to cream in colour with 10% to 20% grey quartz phenocrysts from 0.5 to 1.5 mm in diameter and with 0% to 20% white feldspar phenocrysts ranging from 0.5 to 3 mm in length.

UNIT 4 Orbicular dacite occurs in subcrop and rubble on the south boundary of DUK 2 claim. The rock is greeneish grey in colour and contains orbicular structures ranging from 1 to 3 cm in diameter.

UNIT 5 Fine grained andesite and dacite occurs as float.

UNIT 6 A coarse textured unit, tentatively classified as argillized granite outcrops in the central part of DUK 1 claim.

Figure 4, Aeromagnetic Map, at 1:50,000 scale, shows the location of the claim group regionally within the magnetic pattern reflected by the rock types mapped by the GSC on maps 1131A, Nechako River, 1963 and Open File 708, Whitesail Lake, 1980.

The positive aeromagnetic pattern west of Uduk Lake reflects Ootsa Lake volcanics which contain minor andesite and basalt.

The strong positive anomaly south of DUK 3 reflects part of an area mapped as Upper Triassic - Lower Jurassic volcanics. The magnetic anomaly may reflect an alteration halo surrounding an Upper Jurassic or Cretaceous granitic intrusive mapped from 2 to 5 kilometres easterly of the south end of Uduk Lake. These granitic bodies have a low magnetic response but are bounded by positive magnetic anomalies where they intrude Triassic volcanics as is shown east of Capoose Lake some 50 kilometres southeast of Uduk Lake.

DUK 2

DUK 1

DUK 4

DUK 3

Duuk Lake

Chief Louis Lake

PACIFIC COMOX RESOURCES LTD.
DUK 1-4 CLAIMS
AEROMAGNETIC MAP
PART OF 93E/9, 93F/12
Scale 1:50,000

Figure 4

The DUK 1-4 claims themselves are underlain by rhyolitic rocks which exhibit a moderately low magnetic response. The supposed granitic rocks, Unit 6, central in the DUK 1 claim may be part of the granitic intrusive mapped to the east of the claim group.

Mapping on the property (Dunkley, Brownlee 1988) had outlined an area two kilometres in diameter where volcanic rocks were argillized and quartz veined. Two zones with well developed quartz vein stockworks were mapped along a northeasterly trend with a possible associated "northeast trending topographic lineament (fault?)". The 1992 examination and sampling program concentrated primarily on this trend.

Descriptions of 37 rock samples, with corresponding sample numbers, follows as Table 1.

TABLE 1

SAMPLE NO.	DESCRIPTION
92BUR023	Outcrop. 5 cm wide quartz vein. Grey, granular quartz with scattered vugs. Limonite on fracture surfaces.
024	Rubble crop. Vuggy, multi stage chalcedony breccia. trace pyrite.
025	Float. Grey and white fine grained quartz vein and breccia.
92BUR043	Rubble crop. Drusy quartz breccia in argillized flow banded rhyolite
044	Rubble crop. Quartz breccia in argillized flow banded rhyolite.
045	Float. Argillized quartz eye rhyolite with scattered quartz stringers.
046	Outcrop. Rusty quartz breccia in quartz eye rhyolite.
047	Rubble crop. Argillized quartz feldspar porphyry cut by scattered quartz stringers and breccia. 0.1% pyrite.
048	Rubble crop. Quartz breccia in argillized quartz feldspar porphyry.
92BUR050	Rubble crop. Argillized quartz eye rhyolite with a few scattered quartz stringers. Rusty on fracture surfaces.
051	Rubble crop. Light grey, silicified quartz eye rhyolite with scattered quartz stringers. Rusty on fractures.
052	Outcrop. Matrix supported vuggy quartz breccia. Fragments are up to 10 cm and are very angular.
053	Rubble crop. Drusy white quartz vein with brecciated envelope. Rusty on fractures, evidence of weathered out calcite crystals.
92BUR055	Float. Vuggy white quartz vein.
056	Rubble crop. Coarse grained quartz feldspar porphyry.
057	Rubble crop. Silicified quartz eye rhyolite with moderately strong stockwork and breccia.
058	Float. Silicified quartz eye rhyolite with grey quartz stockwork.

059 Outcrop. Matrix supported quartz breccia in quartz feldspar porphyry. Small (1-3 mm) breccia fragments sit in a matrix of massive grey quartz which is cut by later quartz stringers. Trace pyrite noted.

92BUR060 Outcrop. Silicified and stockworked quartz feldspar porphyry.

061 Outcrop. Silicified and argillized quartz feldspar porphyry. Drusy quartz stringers up to 10 cm wide carry trace pyrite.

062 Rubble crop. Silicified quartz feldspar porphyry cut by scattered small (1-3 mm) drusy quartz stringers.

063 Rubble crop. Fragment supported heterolithic breccia. Poorly sorted, angular, argillized breccia with a matrix of grey quartz.

92DUR008 Outcrop. Silicified quartz eye rhyolite with scattered drusy quartz stringers.

009 Rubble crop. Silicified quartz eye rhyolite with scattered drusy quartz stringers, trace pyrite.

010 Outcrop. Silicified quartz eye rhyolite with scattered drusy quartz stringers.

011 Outcrop. Argillized quartz eye rhyolite with scattered quartz stringers.

012 Outcrop. Silicified quartz eye rhyolite with scattered drusy quartz stringers.

92KUR034 Rubble crop. Drusy stringers and breccia in argillized and silicified quartz eye rhyolite.

035 Rubble crop. Drusy stringers and breccia in argillized and silicified quartz eye rhyolite.

036 Float. Drusy stringers and breccia in argillized and silicified quartz eye rhyolite.

92KUR038 Float. 2.5 cm quartz vein in silicified quartz eye rhyolite.

039 Float. Drusy chalcedonic crackle breccia in slicified quartz eye rhyolite.

040 Outcrop. Intensely silicified quartz eye rhyolite with drusy chalcedonic quartz stringers.

041 Rubble crop. Chalcedonic quartz stringers and breccia in quartz eye rhyolite. Two stages of veining noted.

042 Rubble crop. Intensely silicified and veined quartz eye rhyolite.

043 Outcrop. Intensely silicified quartz eye rhyolite with scattered chalcedonic quartz stringers. Trace pyrite.

044 Rubble crop. Intensely silicified quartz eye rhyolite with chalcedonic quartz stringers and some breccia.

An attempt has been made to sort these samples by rock type and that arrangement follows as Table 2.

TABLE 2

ROCK DESCRIPTION AND ALTERATION	SAMPLE NO.	GEOCHEMICAL VALUES AU PPB	AG PPM	AS PPM	HG PPB
Argillized quartz eye rhyolite with quartz stringers or breccia.					
	BUR045	55	1.1	82	25
	046	22	0.5	41	50
	050	3081	1.9	212	235
	057	222	3.0	193	222
	058	19	0.6	25	15
	DUR008	23	0.1	48	10
	009	175	1.6	64	10
	010	53	0.6	70	10
	011	26	0.7	19	5
	012	167	4.6	105	10
	KUR034	9	0.6	7	10
	035	6	0.3	58	10
	036	109	5.1	550	85
	038	26	2.2	51	20
	039	322	4.6	176	20
	040	428	4.5	151	15
	041	680	7.8	271	25
	042	95	1.6	91	10
	043	61	2.8	207	400
	044	21	1.2	36	20
Silicified quartz eye rhyolite.					
	BUR051	92	0.5	34	15
Argillized quartz feldspar porphyry with quartz stringers or breccia.					
	BUR047	75	4.5	115	295
	048	23	0.6	62	30
	059	159	1.7	476	10
	060	37	1.8	57	5
	061	98	19.8	76	25
	062	107	1.3	169	5
Coarse grained quartz feldspar porphyry.					
	BUR056	42	0.3	35	30
Argillized flow banded rhyolite with quartz breccia.					
	BUR043	1965	2.4	57	15
	044	237	**14.1**	**107**	**95**
Fragment supported heterolithic breccia					
	BUR063	20	2.5	54	25
Quartz veins and breccia.					
	BUR025	5740	47.2	69	15

	052	668	7.8	101	15
	053	430	7.4	60	25
	055	99	2.0	22	20
Chalcedonic breccia.					
	BUR024	33	0.5	46	380
Quartz vein.					
	BUR023	67	0.3	37	5

Alternatively the eight samples with the highest gold content are tabulated below.

TABLE 3

TABULATION OF ROCK SAMPLES WITH HIGHEST GOLD CONTENT

AU PPB	AG PPM	AS PPM	SAMPLE NO.	DESCRIPTION
5740	47.2	69	BUR025	Float. Grey and white f.g. qtz vein and breccia.
3081	1.9	212	050	Rubble crop. Argillized qtz eye rhy with a few scattered qtz str. Rusty on fracture surfaces.
1965	2.4	57	043	Rubble crop. Drusy qtz brx in argillized flow banded rhy.
680	7.8	271	KUR041	Rubble crop. Chalced qtz str and brx in qtz eye rhy. Two stage veining.
668	7.8	101	BUR052	Outcrop. Matrix supp vuggy qtz brx. Fragments up to 10 cm, very angular.
430	7.4	60	053	Rubble crop. Drusy white qtz vein with brx envelope. Rusty on fract.
428	4.5	151	KUR040	Outcrop. Intense silic qtz eye rhy with drusy chalced qtz str.
322	4.6	176	039	Float. Drusy chalced crackle brx in silic qtz eye rhy.

For the 56 geochemical rock analysis provided the following mean values were calculated:-
Gold 294 ppb; Silver 3.55 ppm; Arsenic 83 ppm; Mercury 59 ppb.

Inspection of the geochemical results from the 1992 program indicates that arsenic and mercury values are relatively low in absolute terms and, although there is a general correlation with the gold values, the relationship is not absolute. A few samples (KUR043, BUR047, BUR024?) have apparently anomalous arsenic and/or mercury values but relatively low gold. Further sampling in these areas might be useful.

It is concluded that, in reality, only the gold values are reliable in outlining areas of interest. It would be interesting

to compare the geochemical results at Uduk Lake with results of similar sampling at Level Mountain (104J/12) with high mercury, moderate arsenic, low precious metals located high above a probable source, and Heart Peaks (104K/9) where low peripheral mercury, high arsenic, fairly strong precious metals values are located at or just above a probable source.

The soil sample results show anomalous values for gold only in the southwest portion of the area sampled (southwest DUK 2). Five samples are strongly anomalous in this area out of only six strongly anomalous (>100 ppb Au) values obtained. The accompanying values for silver, arsenic and mercury are only weakly anomalous and do not assist in defining areas of interest.

On line 5200N at 3600W, 3500W, 3400W and on line 5000N at 3800W and 3500W test pits were dug to sample the soil at several depths. Soil horizons were not well enough developed to say that the samples designated A, B, C or D represented corresponding soil horizon development. Except for one sample (5000N, 3800W "C", 126 ppb Au) these various soil samples showed very little variation in results from the <80 mesh fraction. The >80 mesh fraction samples gave somewhat greater contrast but the high values were not consistantly at similar depths.

It is concluded that soil sampling is essentially of little value on this property due to masking of geochemical effects by glacial till.

Respectfully submitted,
PACIFIC COMOX RESOURCES LTD.

J.C. Stephen, Director

STATEMENT OF EXPENDITURES

PERSONNEL

R.G. Carmichael, P. Eng.		
Travel June 7 and June 28		
Property work June 8 and June 24-27 inc.		
7 days @ $200	$1,400	
Tim Keleman, Assistant		
Travel June 7 and June 28		
Property work June 8 and June 24-27 inc.		
7 days @ $130	$ 910	$2,310

ROCK GEOCHEMISTRY

File 92-1446		
17 analysis, 30 element ICP plus Au, Hg		
File 92-1727, 92-1728		
40 analysis, 30 element ICP plus Au, Hg		
55 rock sample prep @ $1.75	$ 96.25	
57 30 element ICP @ $4.70	$ 267.90	
57 Au @ $6.80; + Hg @ $2.90	$ 552.90	$ 917

SOIL GEOCHEMISTRY

File 92-1729		
58 analysis, 30 element ICP plus Au, Hg		
File 92-1728		
47 analysis, 30 element ICP plus Au, Hg		
101 soil sample prep @ $1.05	$ 106.05	
105 30 element ICP @ $4.70	$ 493.50	
105 Au @ $6.80; + Hg @ $2.90	$ 1,018.50	$1,618

FIXED WING AIRCRAFT

Three round trips Burns lake to Uduk	
3 @ $700/trip	$2,100

CAMP SUPPLIES AND EQUIPMENT

10 man days @ $25	$ 250

DATA COMPILATION AND REPORT

Drafting, typing, printing, etc.	$ 216	
Report preparation	$ 450	$ 666

EXPENDITURE TOTAL	$7,861

APPLICATION TO ASSESSMENT WORK

EXPENDITURE APPLIED AS ASSESSMENT WORK	$7,850	
PAC ACCOUNT WITHDRAWAL	$2,350	
TOTAL TO BE APPLIED	$10,200	
ASSESSMENT WORK REQUIRED 51 units @ $200		$10,200

NOTE: Vehicle rental, fuel, hotel costs not applied

LIST OF REFERENCES

AEROMAGNETIC MAPS 1" - 1 mile

Geophysical Paper 5293 Ghitezli Lake 93E/9
Geophysical Paper 5294 Marilla 93F/12

Dunkley, G. and Brownlee, D.J. 1988 Geological, Geochemical and Diamond Drilling Report on the Uduk Lake Property.

Tipper, H.W. 1963 Nechako River Map Area, GSC Memoir 324

Woodsworth, G.J. 1980 Geology of Whitesail lake Map Area GSC Open File 708

APPENDIX 1

ANALYTICAL RESULTS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Homestake Canada Limited PROJECT 3100 File # 92-1446

1000 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: TIM KELEMEN

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	Hg ppb
RE 92-BUR-022	2	5	4	29	.1	4	1	320	1.13	2	5	ND	14	10	.2	2	2	3	.07	.009	53	18	.08	35	.01	2	.50	.08	.17	1	4	10
92-BUR-021	13	5	5	2	.1	6	1	70	.36	16	5	ND	7	4	.2	2	2	2	.02	.007	37	9	.01	26	.01	2	.24	.01	.19	1	11	10
92-BUR-022	2	5	7	29	.3	4	1	315	1.09	2	5	ND	16	10	.2	2	2	3	.07	.009	53	19	.07	34	.01	2	.48	.07	.16	1	2	5
92-BUR-023	18	3	8	1	.3	1	1	77	.47	37	5	ND	1	3	.2	2	2	1	.01	.003	12	2	.01	47	.01	2	.17	.01	.13	1	67	5
92-BUR-024	20	7	6	3	.5	6	1	129	.90	46	5	ND	2	38	.2	.11	2	9	.03	.015	9	12	.03	88	.01	2	.24	.01	.13	1	33	380
92-BUR-025	16	5	9	1	47.2*	6	1	118	.49	69	5	8	2	6	.2	2	2	3	.01	.003	8	9	.01	54	.01	2	.13	.01	.18	1	5740	15
92-DUR-008	11	4	14	3	.1	5	1	50	.89	48	5	ND	4	4	.2	2	2	1	.02	.006	25	7	.02	57	.01	2	.27	.01	.23	1	23	10
92-DUR-009	13	3	15	2	1.6	9	1	59	.61	64	5	ND	1	4	.2	2	2	1	.01	.005	17	10	.01	66	.01	2	.24	.01	.20	1	175	10
92-DUR-010	22	7	20	5	.6	3	1	60	1.04	70	5	ND	4	11	.2	2	3	4	.02	.007	16	2	.02	91	.01	2	.26	.02	.20	1	53	10
92-DUR-011	4	5	14	7	.7	5	1	60	.40	19	8	ND	12	7	.2	3	2	4	.04	.009	43	22	.03	29	.01	2	.28	.02	.24	1	26	5
92-DUR-012	84	5	21	11	14.6*	6	1	82	.70	105*	5	ND	5	213	.2	4	4	1	.01	.034	31	8	.01	322	.01	2	.21	.01	.24	1	167	10
92-KUR-020	22	5	19	6	28.3*	3	1	159	.66	126*	5	ND	5	9	.5	12	3	2	.02	.008	24	5	.03	70	.01	2	.26	.01	.19	1	125	495
92-KUR-021	9	4	9	6	1.0	4	1	68	.43	69	5	ND	3	11	.2	4	2	1	.01	.006	29	7	.01	65	.01	2	.16	.01	.18	1	60	70
92-KUR-022	11	2	11	2	.8	7	1	106	.53	120*	5	ND	4	7	.2	15*	2	1	.01	.003	22	11	.01	58	.01	2	.18	.01	.16	1	55	265
92-KUR-023	4	4	8	3	.5	1	1	101	.32	23	5	ND	3	6	.2	3	2	1	.01	.003	19	2	.01	53	.01	17	.15	.01	.17	1	15	50
92-KUR-024	3	3	7	5	.1	4	1	49	.33	12	5	ND	1	4	.2	2	2	1	.01	.004	20	7	.01	47	.01	2	.27	.01	.25	1	16	10
92-KUR-025	6	4	10	3	.5	5	1	102	1.07	29	5	ND	5	7	.2	4	2	1	.01	.008	20	7	.01	110	.01	2	.31	.02	.22	1	4	10
92-KUR-026	7	1	9	2	.1	2	1	53	.33	4	5	ND	4	4	.2	2	2	1	.01	.011	33	19	.01	19	.01	2	.25	.01	.17	1	2	10
STANDARD C/AU-R	20	60	40	131	7.5	76	30	1113	3.95	42	17	7	40	53	18.9	18	19	61	.48	.090	39	58	.87	177	.09	34	1.89	.08	.16	11	483	1550

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. AU DETECTION LIMIT BY ICP IS 3 PPM.
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. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUN 8 1992 DATE REPORT MAILED: June 16/92 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

GEOCHEMICAL ANALYSIS CERTIFICATE

Homestake Canada Limited PROJECT 3100 File # 92-1727

1000 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: BOB CARMICHAEL

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	Hg ppb
92-BER-066	3	55	8	89	.1	5	9	634	5.11	6	5	ND	2	4	1.0	2	2	28	.11	.030	7	8	.47	142	.10	2	.95	.06	.37	3	24	25
RE 92-BUR-045	8	7	14	15	1.5	3	1	89	.61	87	5	ND	14	15	.3	4	2	2	.03	.013	44	3	.01	48	.01	2	.30	.02	.22	1	49	25
92-BER-067	20	329	2	40	1.9	5	6	643	19.48	32	5	ND	4	7	.2	2	6	69	.29	.032	2	11	.03	122	.01	3	.24	.01	.04	3	38	50
92-BER-068	3	25	9	37	.1	17	7	548	4.71	6	8	ND	2	11	1.1	2	5	22	.33	.049	3	12	.95	45	.07	2	1.35	.05	.62	7	21	10
92-BUR-043	31	4	7	17	2.4	8	1	78	.65	57	5	ND	4	4	.5	4	2	2	.02	.005	13	10	.01	61	.01	2	.28	.01	.24	1	1965	15
92-BUR-044	75	9	14	33	14.1	6	1	93	.95	107	5	ND	8	5	.6	3	2	1	.02	.006	22	6	.01	71	.01	2	.23	.01	.20	1	237	95
92-BUR-045	7	6	15	12	1.1	3	1	77	.54	82	5	ND	10	14	.2	2	2	1	.02	.012	40	3	.01	46	.01	2	.28	.02	.23	1	55	25
92-BUR-046	4	5	9	48	.5	6	1	243	.90	41	5	ND	9	3	.2	2	2	1	.02	.007	34	5	.01	52	.01	2	.55	.01	.26	2	22	50
92-BUR-047	7	8	15	27	4.5	8	1	185	.84	115	5	ND	7	9	.2	5	2	4	.01	.007	31	8	.01	48	.01	2	.25	.01	.24	2	75	295
92-BUR-048	4	8	9	13	.6	3	2	155	.55	62	5	ND	6	10	.2	2	2	2	.02	.006	25	4	.01	48	.01	2	.27	.01	.17	1	23	30
92-BUR-050	18	4	11	5	1.9	8	2	126	1.68	212	5	ND	12	16	.2	9	2	3	.01	.011	43	7	.01	89	.01	2	.41	.01	.25	1	3081	235
92-BUR-051	10	8	8	5	.5	7	1	51	.43	34	5	ND	6	31	.2	2	2	1	.02	.005	32	7	.01	436	.01	2	.34	.01	.20	1	92	15
92-BUR-052	7	4	10	5	7.8	9	1	71	.68	101	5	ND	3	12	.2	3	2	1	.01	.005	10	8	.01	52	.01	2	.12	.01	.15	1	668	15
92-BUR-053	3	6	14	8	7.4	3	1	74	.60	60	5	ND	6	14	.3	2	2	1	.01	.006	24	4	.01	65	.01	2	.20	.01	.20	1	430	25
92-BUR-055	33	5	15	13	2.0	9	1	78	.45	22	5	ND	2	4	.4	2	2	2	.01	.001	9	9	.01	38	.01	2	.14	.01	.14	1	99	20
92-BUR-056	5	4	4	5	.3	6	1	44	.66	35	5	ND	6	10	.2	2	2	1	.01	.004	4	5	.01	36	.01	2	.47	.01	.05	1	42	30
92-BUR-057	17	7	12	4	3.0	3	1	81	.92	193	5	ND	6	4	.2	3	2	1	.01	.009	23	3	.01	71	.01	2	.22	.01	.19	1	222	25
92-BUR-058	7	10	8	3	.6	10	1	173	.59	25	5	ND	7	4	.2	2	2	1	.01	.004	33	11	.01	36	.01	2	.18	.01	.19	1	19	15
92-BUR-059	8	4	8	2	1.7	6	1	48	.51	476	5	ND	4	5	.2	3	2	1	.01	.003	17	6	.01	37	.01	2	.21	.01	.16	1	159	10
92-BUR-060	11	5	9	3	1.8	3	1	107	1.17	57	5	ND	4	7	.4	2	2	1	.01	.004	24	3	.01	49	.01	2	.28	.01	.23	1	37	5
92-BUR-061	9	5	11	3	19.8	8	1	57	.66	76	5	ND	5	8	.2	2	2	1	.02	.005	25	8	.01	58	.01	2	.26	.01	.25	2	98	25
92-BUR-062	15	3	19	6	1.3	6	1	62	.79	169	5	ND	6	4	.2	2	2	1	.02	.006	28	5	.01	43	.01	2	.26	.01	.23	1	107	5
92-BUR-063	6	5	11	14	2.5	2	1	150	1.48	54	5	ND	3	69	.2	7	2	5	.01	.020	8	5	.01	164	.01	2	.61	.01	.02	8	20	25
92-KER-044	2	334	2	45	1.8	5	4	867	6.48	5	5	ND	1	5	.6	2	2	8	.11	.074	3	6	.34	55	.02	4	.91	.05	.20	2	298	15
92-KER-045	1	8	2	30	.1	3	3	227	.59	5	5	ND	1	261	.2	2	2	7	.12	.003	4	3	.07	1857	.01	2	.24	.01	.02	2	17	10
92-KUR-034	4	4	10	7	.6	2	2	96	.51	7	5	ND	6	28	.2	2	2	1	.02	.009	35	2	.01	1530	.01	2	.30	.01	.23	1	9	10
92-KUR-035	6	7	15	11	.3	9	1	111	.74	58	5	ND	6	15	.2	2	2	1	.02	.010	38	9	.01	156	.01	2	.27	.01	.27	1	6	10
92-KUR-036	46	5	22	6	5.1	3	1	92	1.65	550	5	ND	7	29	.3	4	2	1	.01	.010	32	4	.01	263	.01	2	.20	.01	.30	1	109	85
92-KUR-038	50	5	9	6	2.2	8	1	57	.48	51	5	ND	5	15	.2	2	2	1	.03	.004	16	7	.01	240	.01	2	.28	.01	.20	1	26	20
92-KUR-039	15	6	17	3	4.6	11	1	59	.70	176	5	ND	6	23	.2	2	2	1	.01	.009	40	12	.01	126	.01	2	.19	.01	.26	1	322	20
92-KUR-040	6	8	16	12	4.5	3	1	75	.74	151	5	ND	5	11	.2	2	2	1	.01	.008	24	5	.01	93	.01	2	.15	.01	.19	1	428	15
92-KUR-041	11	5	16	12	7.8	8	1	71	.79	271	5	ND	4	6	.2	3	2	1	.01	.004	26	6	.01	107	.01	2	.16	.01	.23	1	680	25
92-KUR-042	8	4	14	5	1.6	11	1	55	.42	91	5	ND	6	6	.2	2	2	1	.01	.004	22	11	.01	75	.01	2	.18	.01	.23	1	95	10
92-KUR-043	51	7	5	4	2.8	8	1	44	1.47	207	5	ND	7	10	.2	6	3	6	.04	.005	14	9	.02	29	.01	2	.42	.01	.13	1	61	400
92-KUR-044	18	7	7	3	1.2	3	1	120	.64	36	5	ND	7	5	.2	2	2	2	.02	.004	25	4	.01	50	.01	2	.30	.01	.15	1	21	20
STANDARD C/AU-R	19	58	39	131	7.1	73	31	1027	3.90	41	17	7	38	52	17.1	14	20	58	.47	.088	37	57	.86	175	.09	34	1.86	.07	.15	11	501	1700

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DATE RECEIVED: JUL 2 1992 DATE REPORT MAILED: July 7/92 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

Homestake Canada Limited PROJECT 3100 File # 92-1728 Page 1

1000 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: BOB CARMICHAEL

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	Hg ppb
L5200N 3650W	2	8	11	45	.3	5	3	208	1.53	13	5	ND	1	24	.2	2	2	24	.19	.033	20	11	.12	73	.05	2	1.06	.01	.08	2	11	40
L5200N 3550W	2	6	15	35	.1	5	2	155	1.31	7	5	ND	1	14	.2	2	2	23	.13	.021	19	10	.09	52	.10	2	.91	.01	.05	1	13	15
L5200N 3450W	11	20	21	70	1.3	16	8	244	3.70	81	5	ND	1	44	2.7	7	2	44	.17	.082	30	19	.37	164	.02	3	2.21	.01	.11	2	16	145
L5200N 3300W	3	9	16	69	.3	10	5	177	2.64	19	5	ND	2	15	.6	4	2	36	.10	.083	19	16	.10	104	.07	3	1.95	.01	.05	2	10	30
RE L5000N 3500W	1	6	13	49	.1	7	3	206	1.55	6	5	ND	1	20	.2	2	2	25	.21	.046	19	12	.14	64	.12	2	1.07	.02	.06	1	5	15
L5200N 3250W	2	8	16	46	.1	9	4	175	1.71	12	7	ND	1	17	.2	2	2	25	.13	.038	20	14	.12	118	.09	2	1.57	.01	.05	1	8	25
L5000N 3650W	2	10	18	51	.6	7	4	200	2.00	12	7	ND	2	19	.4	5	2	34	.15	.029	17	14	.14	57	.11	3	1.03	.01	.07	2	5	15
L5000N 3600W	2	10	9	52	.3	8	4	199	2.06	8	5	ND	1	19	.2	4	2	32	.16	.030	20	16	.14	63	.09	2	1.25	.01	.06	2	8	15
L5000N 3550W	1	8	9	42	.1	6	3	189	1.78	8	5	ND	1	18	.2	2	2	30	.18	.033	20	13	.13	62	.12	3	.98	.02	.05	1	12	15
L5000N 3500W	1	8	12	51	.1	7	3	213	1.63	6	5	ND	1	21	.2	2	2	26	.22	.049	20	13	.14	66	.12	2	1.08	.02	.06	1	7	10
L5000N 3450W	1	8	14	48	.1	9	4	232	1.64	6	5	ND	1	22	.2	2	2	27	.23	.033	18	14	.16	65	.14	2	1.02	.02	.06	1	7	15
L5000N 3400W	1	10	14	56	.1	11	5	265	2.07	8	5	ND	1	27	.2	2	2	33	.25	.042	17	16	.20	81	.13	2	1.47	.02	.06	1	9	15
L5000N 3350W	1	11	14	49	.1	10	5	261	2.12	3	5	ND	1	30	.2	2	2	35	.31	.049	15	15	.21	81	.16	2	1.34	.02	.07	1	5	20
L5000N 3300W	1	13	17	76	.1	15	7	314	2.75	6	5	ND	1	32	.8	2	2	46	.27	.045	11	22	.37	101	.18	2	1.80	.03	.06	1	4	20
L5000N 3250W	1	14	14	54	.1	11	5	225	2.22	4	5	ND	1	27	.6	2	2	38	.20	.030	12	19	.21	71	.17	2	1.41	.02	.05	1	7	20
L4500N 4750W	1	6	16	55	.3	3	2	86	1.29	16	5	ND	3	11	.5	3	2	16	.09	.026	22	8	.06	56	.05	2	1.04	.01	.06	2	18	20
L4500N 4700W	2	7	17	58	.3	8	4	158	2.20	21	5	ND	3	12	.2	2	2	31	.07	.066	17	16	.10	90	.08	2	1.51	.01	.05	1	31	40
L4500N 4650W	2	11	15	49	.1	10	4	211	2.22	14	5	ND	2	20	.4	2	2	35	.17	.044	16	18	.13	116	.14	3	1.46	.02	.06	1	20	15
L4500N 4550W	1	10	19	71	.3	12	5	166	1.88	9	5	ND	2	31	.2	5	2	29	.27	.041	18	18	.17	136	.11	2	1.92	.02	.06	1	6	35
L4500N 4500W	3	10	15	54	.8	11	5	147	2.26	18	5	ND	2	20	.4	2	2	35	.09	.048	17	19	.09	112	.11	2	1.65	.01	.06	1	12	30
L4500N 4450W	2	7	12	51	.2	6	4	200	1.69	13	5	ND	1	14	.3	2	2	27	.11	.045	16	13	.08	100	.09	2	1.09	.01	.06	1	8	20
L4500N 4400W	6	6	16	50	.1	3	2	234	1.12	35	5	ND	1	16	.2	2	2	20	.08	.016	19	9	.05	63	.08	2	.60	.01	.08	1	37	10
L4500N 4350W	4	8	12	78	.2	8	4	166	2.08	31	5	ND	1	14	.2	2	2	31	.08	.065	16	16	.09	93	.08	2	1.48	.01	.07	1	20	35
L4500N 4300W	9	6	15	37	.6	5	2	150	1.28	33	5	ND	1	21	.5	3	2	20	.15	.023	20	12	.08	99	.09	2	.89	.01	.08	1	20	25
L4500N 4250W	5	11	19	102	.7	13	6	545	2.53	39	5	ND	2	17	.3	2	2	39	.13	.065	16	21	.12	148	.12	2	1.54	.01	.08	1	5	25
L4500N 4200W	2	9	11	71	.2	9	5	160	2.17	8	5	ND	1	20	.4	2	2	35	.16	.055	15	19	.12	104	.10	2	1.47	.02	.05	2	6	20
L4500N 4150W	1	9	12	54	.1	9	4	159	1.83	5	5	ND	1	20	.2	2	2	34	.17	.040	14	18	.12	95	.13	2	1.23	.02	.03	1	1	10
L4500N 4100W	1	10	11	49	.1	7	3	192	1.40	4	5	ND	1	22	.2	2	2	26	.19	.026	16	14	.12	79	.13	2	1.03	.02	.05	1	4	210
L4500N 4050W	2	9	12	65	.1	9	4	216	2.24	12	5	ND	1	20	.2	2	2	37	.15	.056	15	17	.11	83	.09	2	1.46	.02	.06	1	8	25
L4400N 4750W	1	8	15	93	.1	8	4	212	2.22	14	5	ND	2	13	.2	2	2	33	.10	.066	15	16	.10	86	.09	2	1.55	.01	.07	1	9	35
L4400N 4700W	2	6	16	22	.2	4	1	44	.42	2	5	ND	1	26	.2	2	2	8	.24	.022	20	9	.05	75	.03	2	.91	.02	.07	1	8	50
L4400N 4650W	3	9	23	55	.3	7	3	84	1.43	17	11	ND	2	25	.2	3	2	20	.21	.033	25	15	.09	106	.02	2	1.76	.02	.12	1	10	35
L4400N 4600W	2	7	15	129	.7	6	3	222	1.63	9	5	ND	1	14	.2	2	2	24	.11	.072	17	12	.07	90	.06	2	1.43	.01	.06	2	12	35
L4400N 4550W	7	14	21	157	1.6	11	5	217	3.06	41	5	ND	2	37	1.5	6	2	36	.10	.120	23	16	.15	191	.04	2	2.35	.01	.11	3	6	150
L4400N 4500W	5	2	25	159	.3	4	2	122	1.14	25	5	ND	2	9	.3	3	2	14	.08	.051	25	8	.05	86	.02	2	1.47	.01	.10	4	6	25
L4400N 4450W	4	9	15	94	.4	5	2	131	1.36	17	5	ND	1	25	.2	3	2	24	.21	.025	21	11	.07	82	.07	2	.74	.01	.09	1	4	20
L4400N 4400W	39	4	31	28	1.2	1	1	47	1.66	197	10	ND	2	14	.3	3	2	10	.04	.029	44	4	.02	208	.02	2	.61	.01	.23	1	13	35
STANDARD C/AU-S	19	57	41	131	7.0	67	31	1033	3.93	43	22	7	38	52	18.0	16	19	55	.48	.089	37	54	.87	176	.09	37	1.87	.07	.15	11	46	1800

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L4400N 4350W	5	9	19	122	1.7	11	6	493	1.66	60	5	ND	2	46	.2	2	2	22	.44	.042	26	15	.24	327	.03	2	1.49	.02	.14	1	15	70
L4400N 4300W	1	6	10	53	.1	10	5	237	2.19	13	5	ND	1	17	.2	2	2	38	.12	.055	16	16	.16	85	.08	2	1.16	.02	.04	1	2	20
L4400N 4250W	2	4	11	76	.4	9	5	195	2.21	15	5	ND	4	12	.2	2	2	38	.10	.062	15	15	.14	81	.09	3	1.44	.02	.07	1	1	25
L4400N 4200W	1	6	11	68	.6	7	4	149	1.67	8	6	ND	4	17	.2	4	2	30	.15	.042	15	14	.19	71	.09	2	1.35	.02	.08	2	4	25
L4400N 4150W	1	5	12	71	.4	8	4	579	1.67	8	5	ND	4	21	.5	2	2	27	.15	.030	21	13	.20	85	.08	3	1.07	.02	.07	1	15	25
L4400N 4100W	1	7	10	68	.5	9	4	191	1.93	11	6	ND	4	25	.2	2	2	38	.20	.049	18	16	.19	77	.09	2	1.03	.02	.09	1	6	35
L4400N 4050W	1	10	11	52	.3	12	7	267	2.50	14	5	ND	4	20	.2	2	2	47	.16	.055	18	21	.23	99	.13	2	1.24	.02	.07	1	1	20
L4400N 4000W	1	5	9	93	.3	11	5	187	2.25	13	5	ND	4	17	.2	2	3	42	.12	.070	15	19	.20	76	.11	2	1.29	.02	.05	1	14	50
L4300N 5000W	1	5	16	106	.1	8	4	189	1.87	11	5	ND	4	17	.2	2	2	28	.15	.057	19	14	.17	86	.08	2	1.73	.02	.06	1	165	35
92-BUD-049	4	7	12	65	.5	8	4	308	2.55	51	5	ND	3	15	.2	2	2	43	.10	.041	16	16	.16	81	.08	2	1.29	.02	.07	1	107	50
92-BUD-054	2	6	13	56	.6	10	4	197	2.18	34	5	ND	3	14	.2	2	2	39	.10	.075	16	17	.14	77	.08	2	1.26	.02	.07	1	13	40
92-KUD-037	2	5	17	109	1.1	6	3	133	2.27	33	5	ND	3	18	.2	2	2	34	.08	.249	19	17	.11	97	.07	2	1.16	.01	.07	1	5	45
RE L4400N 4000W	2	5	11	98	.3	12	6	191	2.32	14	5	ND	3	17	.2	2	2	43	.13	.078	16	20	.21	79	.11	2	1.34	.02	.06	1	29	60
92-BES-064	1	37	10	140	.4	20	11	1008	3.55	7	5	ND	1	18	.4	2	2	68	.23	.099	7	41	.84	172	.06	3	2.40	.02	.09	1	62	55
92-BES-065	1	55	24	204	.4	27	16	1385	4.98	20	5	ND	1	19	1.1	9	2	85	.37	.058	6	45	.99	203	.08	4	1.91	.02	.09	1	107	80
STANDARD C/AU-S	20	61	39	132	7.5	78	31	1061	3.94	41	19	7	39	53	19.2	15	20	61	.47	.089	41	57	.87	178	.09	34	1.87	.08	.15	11	47	1700

Sample type: SOIL/SILT. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. COUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX (4)253-171(

GEOCHEMICAL ANALYSIS CERTIFICATE

Homestake Canada Limited PROJECT 3100 File # 92-1729 Page 1

1000 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: BOB CARMICHAEL

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 %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au** ppb	Hg ppb
L5200N 3600W-A	4	8	24	49	.6	7	5	268	1.46	3	5	ND	6	184	.2	2	4	45	.69	.024	30	36	.26	1066	.49	6.08	1.66	2.65	6	80	2	18	14	1	7.1	34	15
RE L5200N 3400W-A	6	13	16	73	2.3	18	10	286	2.54	8	5	ND	7	186	.2	2	2	66	.61	.071	29	42	.29	929	.47	6.80	1.46	2.36	2	67	1	15	8	1	7.3	17	65
L5200N 3600W-B	2	8	21	66	.9	17	6	347	2.06	3	5	ND	8	219	.2	5	2	54	.81	.032	34	39	.35	1127	.51	6.92	1.75	2.83	4	86	1	21	10	1	8.3	12	15
L5200N 3500W-A	6	15	19	71	.7	14	8	351	2.40	9	5	ND	8	184	.2	2	2	71	.81	.101	40	43	.40	1000	.57	6.55	1.47	2.40	4	70	1	19	12	1	8.1	29	20
L5200N 3500W-B	5	23	23	76	1.2	19	9	278	2.40	9	5	ND	9	135	.2	2	3	85	.59	.075	31	37	.54	1442	.53	8.54	.96	3.18	6	61	1	15	10	2	8.9	39	15
L5200N 3400W-A	6	14	15	73	2.4	17	11	309	2.69	15	5	ND	7	193	.2	2	3	69	.64	.076	28	44	.31	983	.49	7.06	1.52	2.53	3	68	2	15	9	1	7.5	13	65
L5200N 3400W-B	3	19	15	65	1.2	16	9	321	2.62	9	5	ND	8	197	.2	2	2	69	.62	.053	31	42	.33	1044	.49	6.71	1.56	2.49	2	69	1	16	7	1	7.8	10	35
L5200N 3400W-C	3	18	11	58	.9	13	9	311	2.67	6	5	ND	8	215	.2	2	2	68	.66	.054	33	42	.34	1017	.50	6.46	1.57	2.47	2	73	1	18	7	1	8.6	9	20
L5200N 3400W-D	6	15	15	46	2.1	9	6	240	2.98	9	5	ND	8	161	.2	8	2	96	.42	.059	30	34	.45	979	.34	7.08	.94	2.89	4	47	1	13	4	1	9.3	15	30
L5000N 3800W-A	2	15	16	83	3.2	13	6	262	1.84	3	5	ND	9	154	.2	2	2	47	.63	.057	30	35	.27	946	.40	5.10	1.19	2.05	2	64	1	16	8	1	5.8	1	50
L5000N 3800W-B	1	9	13	61	1.3	11	6	306	2.01	3	5	ND	10	197	.2	4	2	55	.59	.020	33	36	.21	1017	.50	5.55	1.64	2.53	2	77	1	18	11	1	5.7	20	15
L5000N 3800W-C	7	16	23	86	2.4	13	9	438	3.22	35	5	ND	12	192	.2	2	7	65	.66	.038	44	33	.42	879	.40	8.03	1.23	2.82	2	89	2	24	10	1	10.2	126	80
L5000N 3500W-A	2	8	17	73	.5	11	5	323	1.80	3	5	ND	8	227	.2	2	2	54	.89	.033	26	41	.34	1017	.54	6.48	1.96	2.34	2	71	1	16	8	1	7.8	6	10
L5000N 3500W-B	2	10	18	68	.3	13	6	368	2.21	3	5	ND	8	246	.2	2	2	61	.93	.072	33	39	.37	1138	.57	7.20	2.08	2.81	2	80	1	20	10	1	8.2	7	15
L5000N 3500W-C	2	18	21	88	.9	23	10	570	3.51	12	5	ND	13	248	.4	2	6	80	1.08	.081	42	42	.52	1080	.50	8.47	1.68	2.73	2	87	1	30	10	1	12.3	17	55
L4200N 5300W	3	13	50	330	8.8	10	5	337	3.73	31	5	ND	14	123	.2	5	6	49	.48	.181	34	26	.28	1210	.37	8.91	1.20	3.13	5	103	1	20	10	1	10.7	750	60
L4200N 5250W	1	9	14	335	2.2	3	2	196	1.66	3	5	ND	12	118	.2	2	4	17	.34	.059	26	11	.13	1532	.24	8.95	1.36	4.04	5	116	1	15	8	1	9.0	27	30
L4200N 5200W	8	8	27	147	4.0	9	4	232	2.81	43	5	ND	11	138	.2	2	2	42	.51	.052	28	25	.19	1497	.38	7.70	1.46	3.77	3	91	1	15	9	1	7.5	466	45
L4200N 5150W	4	17	31	258	3.2	10	5	272	2.12	43	6	ND	11	123	.2	5	2	43	.78	.049	25	34	.34	1226	.35	6.78	1.28	3.20	6	88	1	13	7	1	8.3	130	40
L4200N 5100W	2	17	22	158	.5	16	7	378	2.43	3	5	ND	8	179	.2	2	3	58	1.03	.099	20	44	.43	1049	.46	6.13	1.63	2.27	2	68	1	13	8	1	7.6	25	15
L4200N 5050W	5	25	32	196	.7	33	12	407	3.32	7	5	ND	11	215	.2	2	3	74	1.14	.118	27	60	.52	1139	.59	8.78	1.75	2.47	2	83	1	16	15	1	10.5	29	40
L4200N 5000W	2	9	15	110	.5	20	9	408	2.78	3	5	ND	10	245	.2	2	2	71	1.18	.070	24	53	.44	1220	.60	8.01	2.11	2.60	2	81	1	17	12	1	10.3	42	25
L4100N 5300W	1	5	17	265	.8	8	3	383	2.01	3	5	ND	11	151	.2	2	2	37	.60	.035	24	24	.20	1674	.40	7.32	1.46	3.76	4	106	1	18	10	1	7.5	12	20
L4100N 5250W	3	11	15	177	.9	14	6	395	2.75	5	5	ND	9	235	.2	2	2	67	.84	.049	21	38	.32	1262	.55	7.56	2.27	2.60	2	77	3	14	10	1	8.3	1	35
L4100N 5200W	6	6	19	155	2.0	8	5	278	2.44	25	6	ND	15	140	.2	3	2	42	.62	.047	31	27	.23	1618	.40	7.91	1.44	3.84	3	109	1	19	10	1	8.5	19	35
L4100N 5150W	18	8	20	231	2.3	3	2	504	1.79	22	8	ND	17	125	.2	2	6	25	.42	.054	38	12	.14	1647	.26	7.89	1.51	4.60	2	125	2	25	10	1	8.0	192	30
L4100N 5100W	8	4	17	168	1.4	3	2	272	1.88	17	12	ND	18	125	.2	6	2	20	.34	.044	34	12	.13	1708	.27	7.41	1.24	3.18	3	145	1	29	10	1	7.5	10	30
L4100N 5050W	1	6	8	185	1.1	4	2	285	1.11	3	6	ND	13	115	.2	4	2	17	.36	.023	20	11	.13	1783	.23	6.54	1.71	3.12	6	112	1	19	7	1	5.4	1	20
L4100N 5000W	2	2	16	177	1.4	2	2	235	1.59	4	6	ND	14	118	.2	3	2	21	.31	.067	27	12	.11	1817	.27	6.54	1.60	2.84	3	118	1	22	9	1	5.7	1	25
STANDARD HFC/AU-S	22	59	39	134	7.3	93	46	1184	4.39	39	18	7	36	55	20.7	16	20	77	.52	.116	40	63	.94	239	.08	1.85	.09	.15	10	4	16	7	1	1	5.9	47	1600

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AU DETECTION LIMIT BY ICP IS 3 PPM.
AS, CR, SB SUBJECT TO THE LOST OF VOLATILIZATION DURING HCLO4 FUMING.
- SAMPLE TYPE: SOIL AU** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 2 1992 **DATE REPORT MAILED:** July 7/92 **SIGNED BY.....** D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au** ppb	Hg ppb
L5200N 3600W-A (+80)	6	9	22	50	.2	13	6	383	2.48	9	5	ND	15	171	.2	2	4	59	.55	.051	27	27	.36	1002	.37	6.21	1.31	2.44	7	95	2	22	14	1	8.2	1	10
L5200N 3600W-B (+80)	3	15	25	68	.2	15	7	426	3.25	8	5	ND	18	196	.2	7	2	71	.68	.042	33	37	.52	987	.42	8.07	1.48	2.69	5	98	1	23	11	2	10.7	5	35
L5200N 3500W-A (+80)	8	21	23	58	.2	22	10	431	3.15	15	5	ND	15	146	.2	2	4	82	.58	.109	34	40	.55	1602	.47	6.76	1.07	2.42	2	77	1	19	12	2	8.1	71	10
L5200N 3500W-B (+80)	6	29	25	64	.3	23	10	257	2.72	4	5	ND	13	85	.2	5	2	102	.34	.066	21	39	.78	1856	.48	11.61	.31	3.57	5	58	1	11	12	3	10.1	6	15
L5200N 3400W-A (+80)	7	13	22	54	1.3	17	9	334	2.82	14	5	ND	14	161	.2	13	4	79	.46	.087	30	42	.38	876	.42	6.94	1.11	2.39	4	68	1	16	11	1	8.0	7	50
L5200N 3400W-B (+80)	6	19	18	53	.8	20	9	363	2.71	10	6	ND	15	170	.2	11	6	76	.48	.063	30	43	.43	919	.43	6.83	1.12	2.41	4	70	1	16	11	1	8.4	10	40
L5200N 3400W-C (+80)	5	24	15	53	.4	18	9	374	3.39	22	5	ND	15	217	.2	2	9	80	.59	.091	34	46	.48	965	.46	6.81	1.32	2.44	2	72	1	19	11	1	9.7	3	125
L5200N 3400W-D (+80)	7	13	19	24	.6	8	4	229	2.43	4	5	ND	8	93	.2	2	2	123	.19	.049	17	37	.65	884	.30	7.43	.32	2.88	2	37	1	10	5	1	10.2	5	20
L5000N 3800W-A (+80)	3	8	13	73	2.4	17	7	380	2.23	4	5	ND	16	167	.2	8	3	51	.54	.084	33	28	.32	1097	.36	5.94	1.19	2.26	5	82	1	20	10	1	6.9	1	20
L5000N 3800W-B (+80)	4	8	23	50	.6	14	8	392	2.23	7	5	ND	16	183	.2	9	3	54	.56	.036	33	30	.34	909	.39	6.03	1.38	2.49	4	89	1	21	12	1	7.0	1	10
L5000N 3800W-C (+80)	5	12	22	68	1.9	17	9	423	2.85	37	6	ND	18	182	.2	7	2	57	.62	.037	34	34	.44	783	.35	7.34	1.13	2.60	5	91	1	22	10	1	9.5	84	100
L5000N 3500W-A (+80)	2	10	14	58	.2	12	7	511	2.50	4	5	ND	12	213	.2	2	6	64	.76	.056	26	35	.44	1040	.45	6.23	1.72	2.43	2	87	1	19	10	1	8.2	2	10
L5000N 3500W-B (+80)	4	14	22	61	.2	17	10	611	3.12	4	5	ND	17	229	.2	2	8	75	.82	.072	33	43	.52	1035	.49	7.20	1.74	2.59	2	95	1	22	11	1	9.6	8	25
L5000N 3500W-C (+80)	4	21	23	78	.3	24	13	788	3.40	4	5	ND	17	247	.2	5	5	80	.99	.076	41	42	.56	1037	.48	7.75	1.65	2.62	5	96	1	30	10	2	12.0	6	40
L4200N 5300W (+80)	2	8	16	100	.3	7	3	293	1.92	6	5	ND	17	84	.2	2	2	16	.21	.056	31	8	.12	1616	.19	6.71	.92	4.34	5	94	1	26	8	1	7.3	33	20
L4200N 5250W (+80)	2	5	18	116	.2	3	1	237	1.61	4	5	ND	17	79	.2	2	2	2	.07	.031	37	2	.03	1632	.16	7.19	1.24	4.54	2	119	1	24	10	1	7.1	4	15
L4200N 5200W (+80)	6	24	29	90	2.0	10	3	211	2.57	35	5	ND	16	111	.2	2	2	28	.34	.048	29	15	.20	1576	.24	6.82	1.11	4.20	3	101	1	22	9	1	7.6	68	20
L4200N 5150W (+80)	4	7	22	98	1.1	10	3	328	2.05	39	6	ND	17	101	.2	9	2	24	.39	.053	35	14	.21	1502	.22	6.45	.92	4.31	7	108	1	30	8	1	8.0	37	15
L4200N 5100W (+80)	3	14	24	108	.2	20	7	499	3.15	4	5	ND	13	216	.2	2	2	62	.92	.108	27	30	.53	1262	.40	7.22	1.82	3.09	2	95	1	22	7	1	9.6	5	20
L4200N 5050W (+80)	2	15	18	106	.5	48	10	468	3.09	4	5	ND	14	187	.4	5	2	65	.84	.084	29	89	.77	1252	.42	7.43	1.67	2.98	5	93	1	20	9	1	9.9	3	20
L4200N 5000W (+80)	3	13	16	81	.2	19	9	498	3.48	4	5	ND	15	223	.2	2	2	71	.90	.086	30	32	.62	1262	.43	7.26	1.88	3.02	2	97	1	23	9	1	10.5	1	15
L4100N 5300W (+80)	1	5	15	142	.7	6	2	413	1.98	5	5	ND	18	98	.2	5	2	15	.24	.048	36	8	.09	1688	.22	7.05	.90	4.74	5	109	1	23	9	1	7.1	22	5
L4100N 5250W (+80)	1	8	16	123	.2	15	6	465	2.85	4	5	ND	13	216	.2	2	2	52	.75	.069	30	21	.45	1382	.36	7.15	2.01	3.09	2	102	1	24	7	1	9.1	5	15
RE L4200N 5050W (+80)	1	15	13	101	.5	45	9	429	2.86	4	5	ND	14	176	.2	2	3	61	.78	.078	28	82	.72	1206	.40	6.95	1.59	2.78	2	87	1	19	8	1	9.4	6	20
L4100N 5200W (+80)	5	7	15	65	.7	12	3	255	2.14	12	5	ND	14	117	.2	3	4	29	.47	.044	31	15	.32	1533	.25	6.51	1.04	4.14	5	99	1	25	7	1	8.3	1	15
L4100N 5150W (+80)	19	5	15	87	1.2	4	1	327	1.13	16	5	ND	16	88	.5	2	2	5	.13	.031	29	5	.03	1635	.15	6.38	1.09	4.27	3	138	1	26	7	1	6.9	5	5
L4100N 5100W (+80)	10	4	17	78	.4	3	1	235	1.77	17	5	ND	16	88	.2	2	2	7	.10	.030	31	6	.05	1875	.16	6.22	.74	3.95	2	147	1	30	7	1	6.9	4	15
L4100N 5050W (+80)	2	3	11	91	.2	5	1	335	1.62	4	5	ND	15	83	.2	2	2	5	.10	.024	26	4	.06	1630	.15	6.17	1.30	3.60	3	135	1	25	5	1	6.5	1	10
L4100N 5000W (+80)	5	5	21	104	.4	3	1	395	1.83	4	5	ND	15	90	.2	2	5	13	.17	.058	29	7	.09	1643	.19	6.28	1.25	3.34	2	145	1	27	8	1	6.7	102	15
STANDARD HFC/AU-S	22	58	40	136	7.1	95	45	1193	4.36	38	18	7	35	57	20.7	17	21	77	.51	.116	41	65	.92	248	.08	1.91	.09	.15	11	4	18	7	1	1	5.9	49	1500

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

APPENDIX 2

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, ROBERT G. CARMICHAEL OF 2586 MacDONALD DR., VICTORIA, B.C. HEREBY DECLARE:

1) I GRADUATED WITH A B.A.Sc. IN GEOLOGICAL ENGINEERING FROM THE UNIVERSITY OF BRITISH COLUMBIA IN 1987;

2) I AM REGISTERED AS A PROFESSIONAL ENGINEER WITH THE ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF B.C.;

3) I HAVE WORKED AS AN EXPLORATION GEOLOGIST WITH ESSO MINERALS CANADA AND HOMESTAKE MINING CANADA SINCE 1987;

4) I SUPERVISED AND CARRIED OUT THE FIELD WORK DESCRIBED IN THIS REPORT, BUT WAS NOT INVOLVED IN THE REPORT PREPARATION.

JUNE 9, 1993

R. G. CARMICHAEL

ROBERT G. CARMICHAEL, P.Eng.

STATEMENT OF QUALIFICATIONS

J.C. STEPHEN

Academic

1950 Associate Member British Institute Engineering Technology

1950-1951 One year Geology University of Alberta

Experience Summary

1947-1955 Development and production experience in engineering and geology at Central Patricia Gold Mines, Eldorado Mining and Refining, Madsen Gold Mines, Hasaga Gold Mines, Pickle Crow Gold Mines as Surveyor, Assistant to the Engineer, Geologist.

1955-1959 Regional exploration experience with Pickle Crow Gold Mines, Combined Developments Ltd., R.G. Crosby and Associates, Jay-Kay Syndicate as Field Geologist.

1959-1961 Municipal construction including monolithic concrete tunnels as Senior Inspector.

1962-1968 Regional exploration with Mastodon Highland Bell Mines as field geologist.

1968-1976 Regional exploration with Bacon and Crowhurst Ltd., as supervisor of exploration syndicates.

1977-Present President J.C. Stephen Explorations Ltd.

Management of various exploration syndicates. B.C. and Yukon Management of publicly listed resource companies and supervision of exploration and development programs. Operations in Quebec, Ontario, Manitoba, Saskatchewan, Northwest Territories, Yukon, British Columbia, western United States.

J.C. Stephen

PACIFIC COMOX RESOURCES LTD.

GEOLOGICAL BRANCH ASSESSMENT REPORT

UDUK LAKE PROJECT

DUK 1-4, 93E/9, 93F/12

22,906

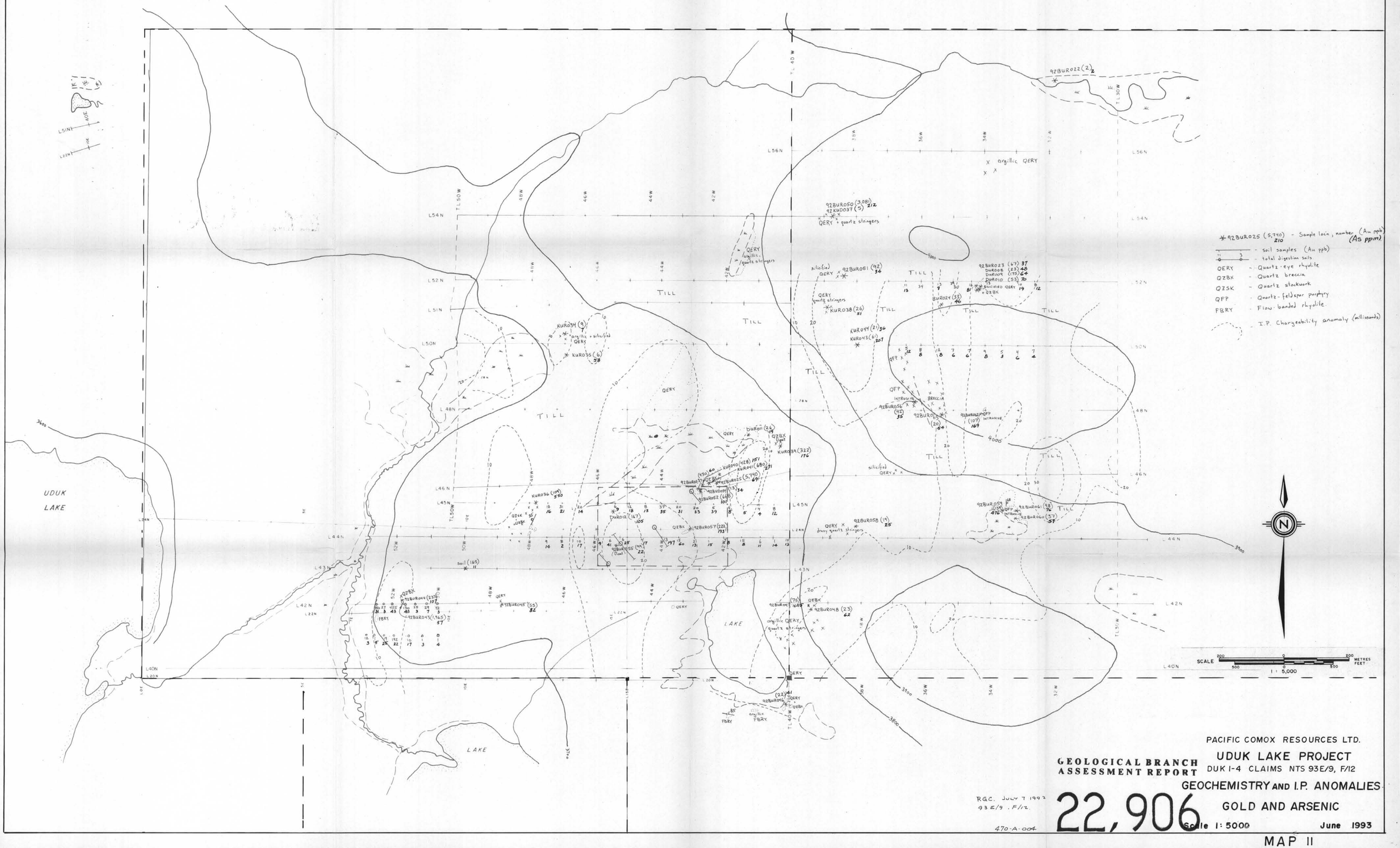
GEOCHEMISTRY AND I.P. ANOMALIES

GOLD AND SILVER

Scale 1: 5000

JUNE 1993

MAP 1



* 92BUR025 (5,740 / 210) - Sample loca., number (Au ppb / As ppm)

- soil samples (Au ppb)
- total digestion soils

QERY - Quartz-eye rhyolite
QZBX - Quartz breccia
QZSK - Quartz stockwork
QFP - Quartz-feldspar porphyry
FBRY - Flow-banded rhyolite
- I.P. Chargeability anomaly (milliseconds)

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GEOCHEMISTRY AND I.P. ANOMALIES

GOLD AND ARSENIC

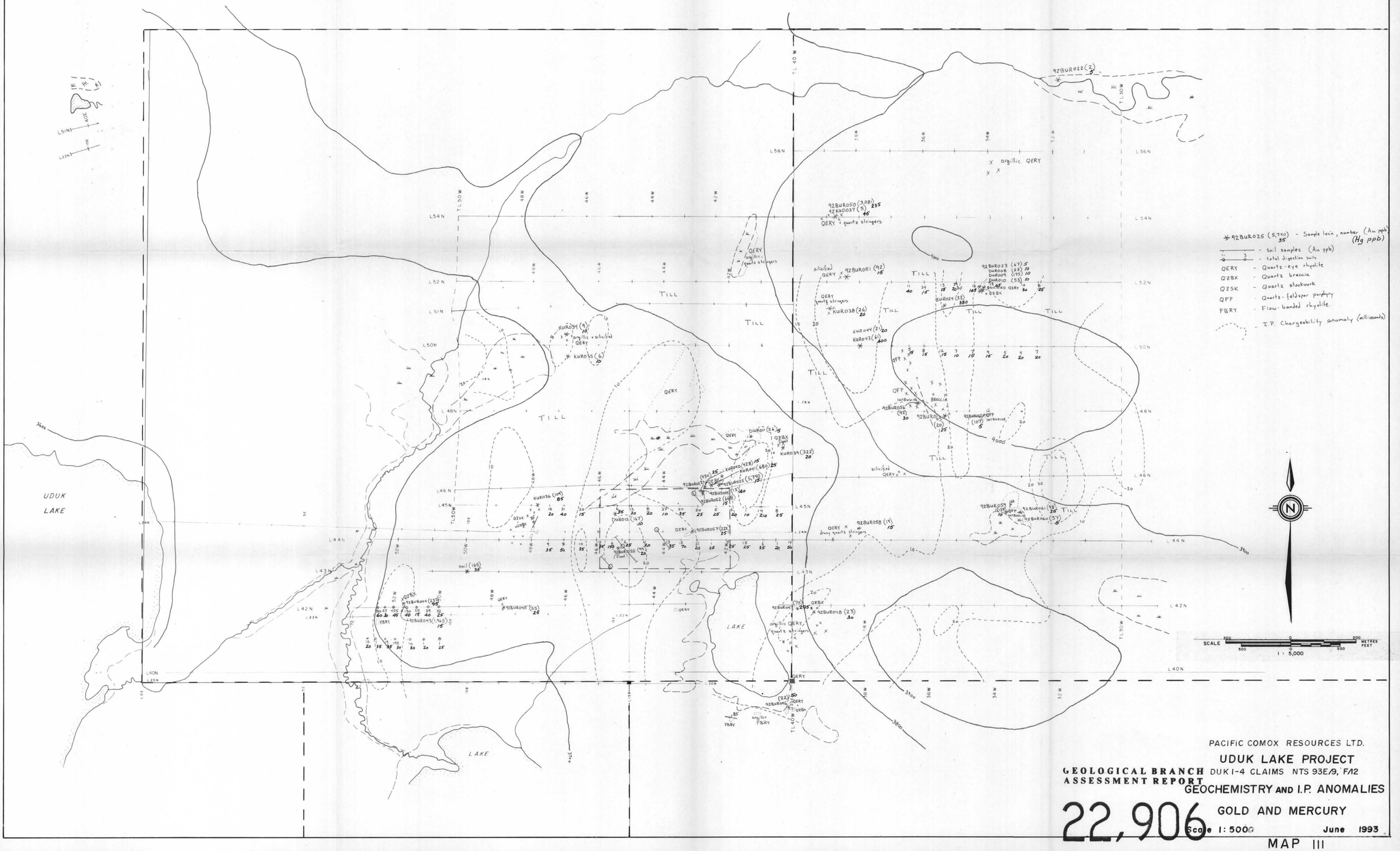
22,906

Scale 1: 5000 June 1993

MAP II

RGC. JULY 7 1993
93E/9 . F/12.

470-A-004



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GEOCHEMISTRY AND I.P. ANOMALIES

GOLD AND MERCURY

Scale 1: 5000 June 1993

MAP III

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,906