GEOCHEMICAL REPORT

on the

CV & AU Claim Group

for

PETER LO

Liard M.D.

NTS 104P/4E

January 3, 1989
Vancouver, B.C.

SOOKOCHOFF CONSULTANTS INC.
Laurence Sookochoff, P.Eng.

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GEOCHEMICAL REPORT

on the

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SUMMARY

The CV & AU claim group is comprised of 18 units and four located mineral claims in the Cassiar region of northern B.C. and is located 12 kilometers southeast of the town of Cassiar B.C. The claims cover rocks of the Sylvester group which are known to contain productive zones of gold mineralization in the area.

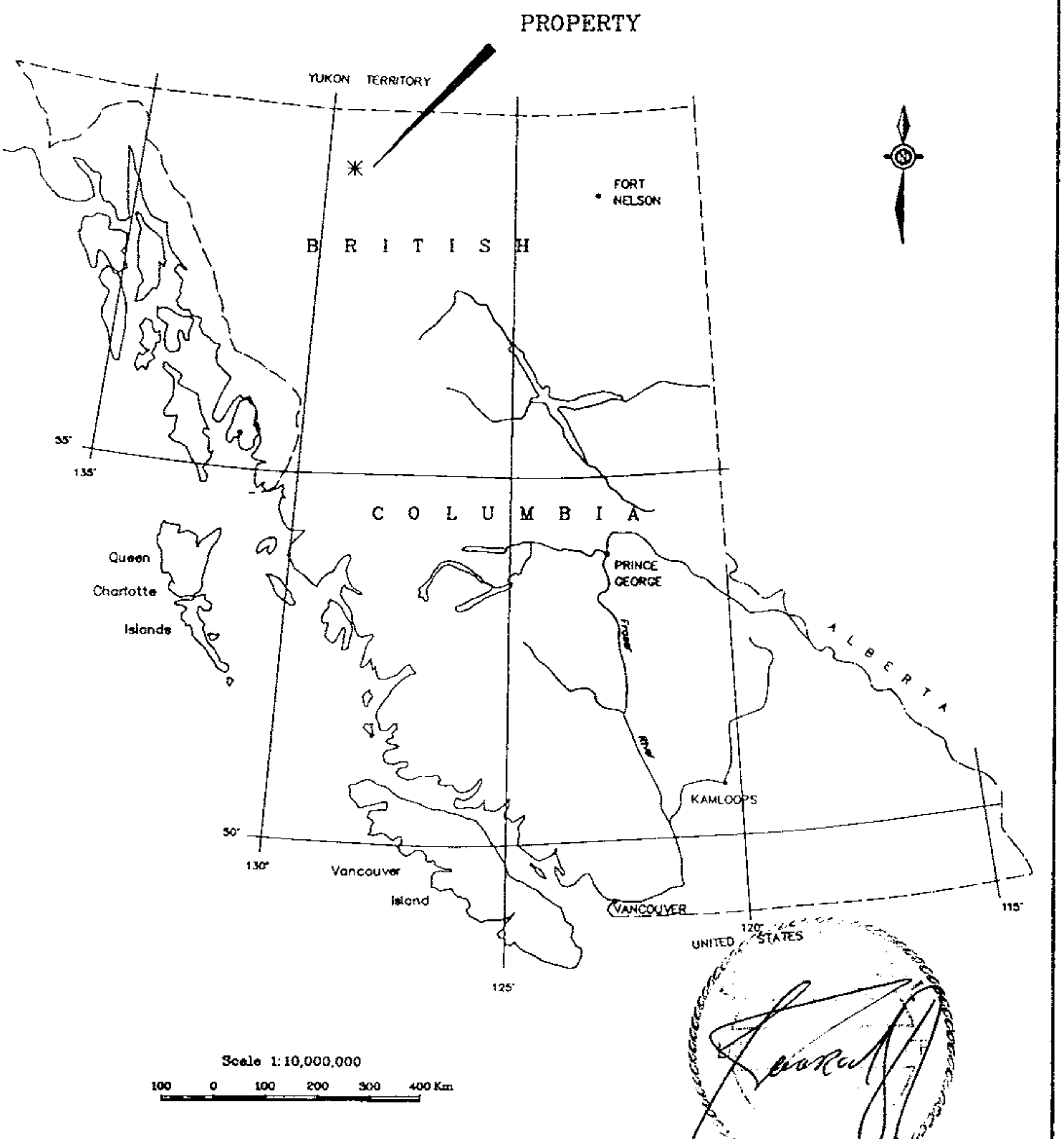
The claim group is located adjacent to the property of Erickson Gold Mine where a gold mining operation has been in progress since 1979 and has produced over 500,000 tons of ore with a recovered grade of 0.46 oz/ton gold. The gold occurs in weakly mineralized quartz veins within volcanic rocks of the Sylvester group. The host rock alters to a indicative gossan zone around the quartz veins as a result of carbonatization and pyritization.

The soil sampling done on the CV & AU claims indicate areas of potential gold mineralization and a follow up evaluation of the property is warranted.

INTRODUCTION

During the period of June 6, to June 9, 1988 an exploration program consisting of a limited soil sampling program was carried out on the CV & AU mineral claims. The exploration was implemented as a result of interest in the area since gold production from both the proximal Erickson Gold and Cusac properties. The purpose of the program was to determine the potential of the CV & AU claim group for similar gold zones as those which occur on the adjacent properties.

The program was completed by employees of Sookochoff Consultants Inc. under the direction of Laurence Sookochoff, P.Eng.



CV & AU CLAIM GROUP LIARD M.D.		
LOCATION MAP		
DATE: July '88	N.T.S. 104P 4E	FIGURE: 1
SOOKOCHOFF CONSULTANTS INC.		

LOCATION AND ACCESS

The CV & AU claims are located between Callison Lake adjacent to the east, Lang Lake one km to the west and the Stewart-Cassiar Road adjacent to the north. Helicopter service is availiable at both Dease Lake, B.C. and Watson Lake Yk. The flight time from both communities to the property is approximately 45 minutes.

CLAIM INFORMATION

The CV & AU claim group is comprised of one claim of 18 units and four two-post claims. Particulars are as follows.

NAME	UNITS	RECORD NO.	EXPIRY DATE*
CV 1		2952	October 11,1989
CV 2		2953	October 11,1989
CV 3		2955	October 11,1989
CV 4		2956	October 11,1989
AU	18	3022	December 15,1989

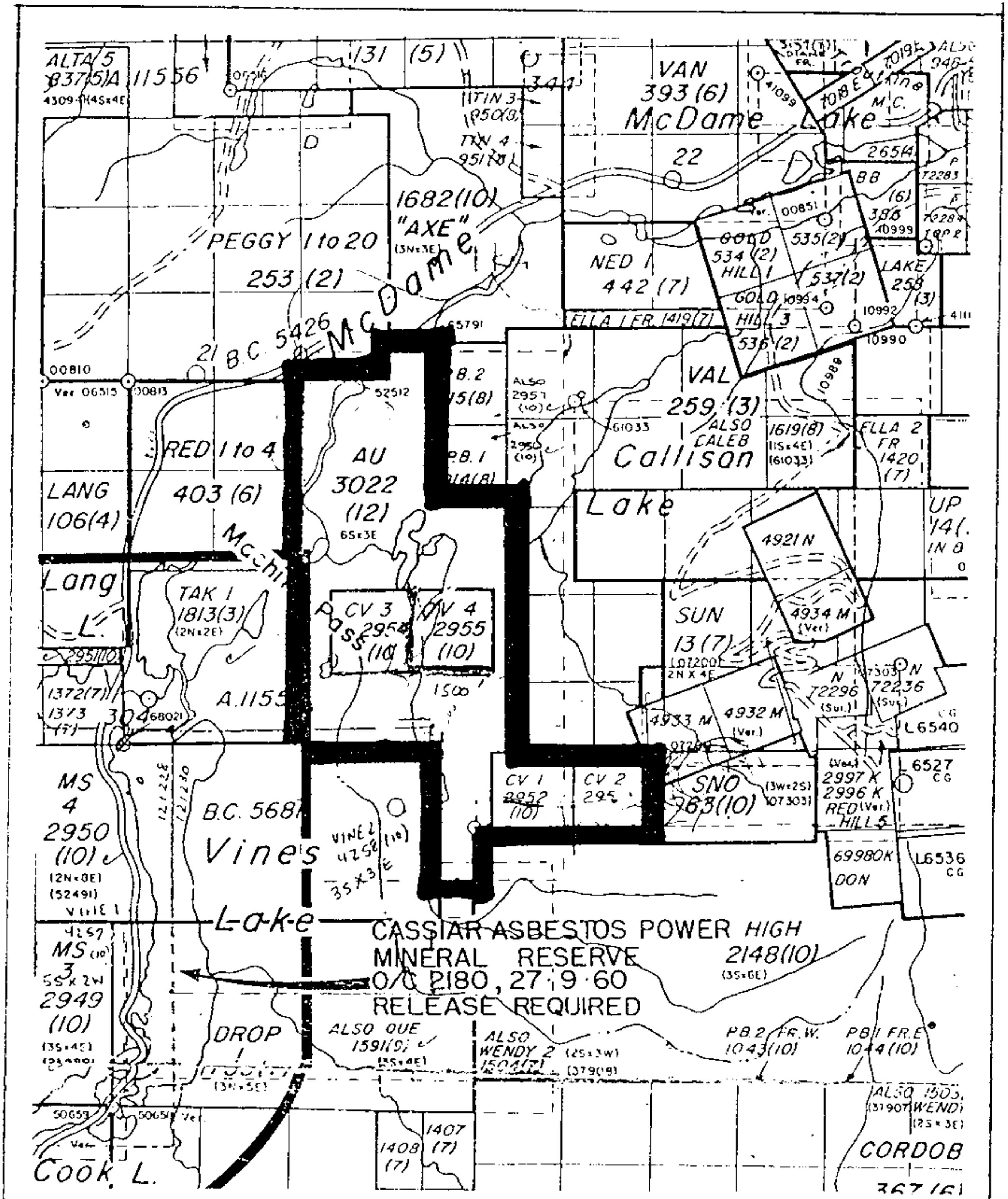
* Upon the approval of one years assessment work filed on October 7, 1988.

Any legal aspects of the claims is beyond the scope of this report.

PHYSIOGRAPHY AND CLIMATE

The CV & AU claim group is located at Machilo Pass and the headwaters of Bass Creek flowing southwesterly and McDame Creek flowing northeasterly. Gentle drift covered slopes prevail on the property with elevations reaching 1375 meters at the southeast portion from 1035 meters between Lang and Callison Lakes in the northern portion.

The area has relatively dry summers and cold winters with snowfall averaging three meters covering the ground from November to June. Water would be available for all phases of the summer exploration program from the lakes and water courses covered by and adjacent to the claim group.



1:50 000

0 — 1000 — 2000 — 3000 m

0 — 1 — 2 — 3 Km

CV & AU CLAIM GROUP

LIARD MINING DIVISION

CLAIM MAP

DATE	DEC'88	N.T.S. 104P/4E	FIGURE 2

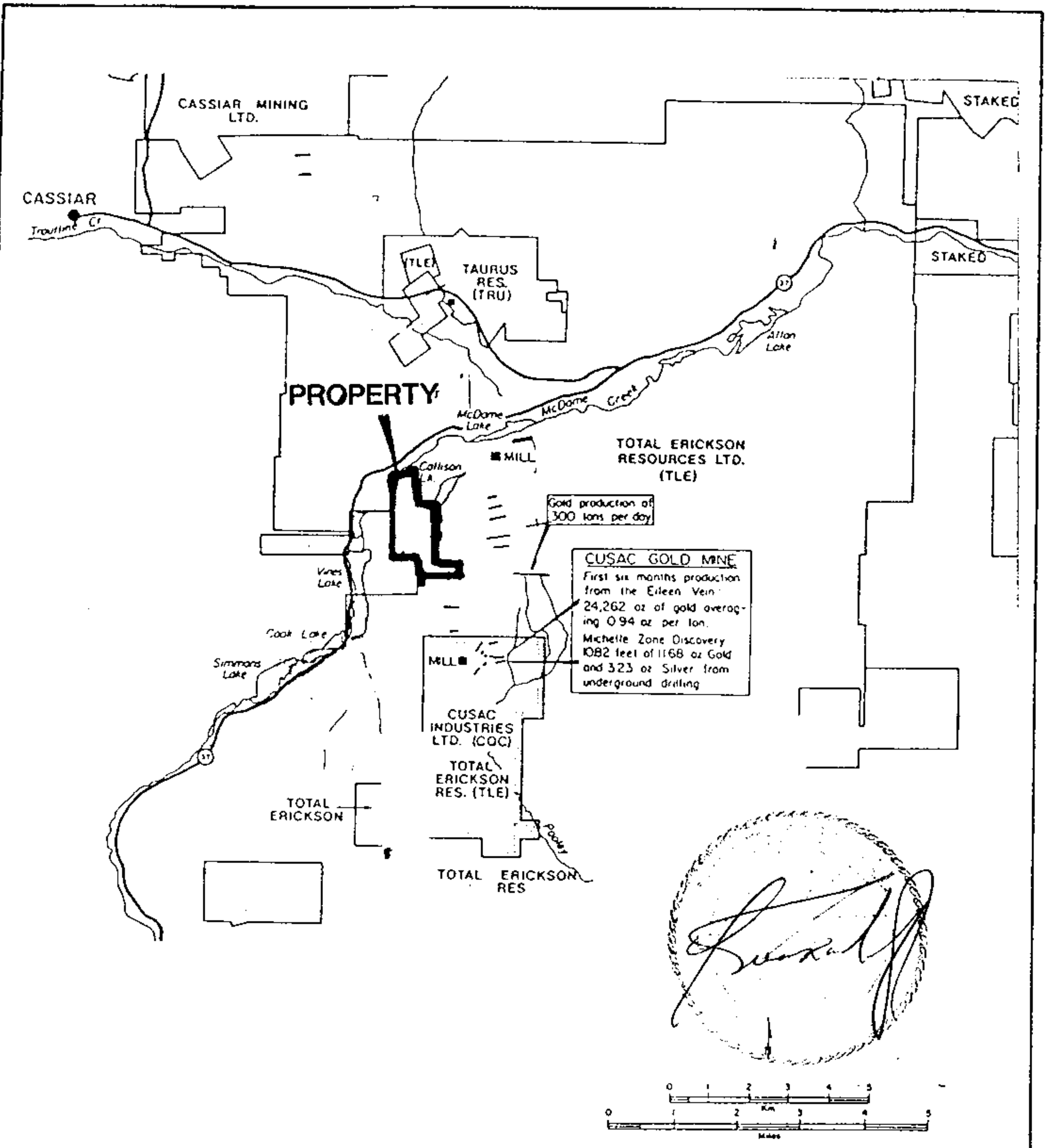
HISTORY AND PREVIOUS WORK

Gold was first discovered in the area in 1874 when placer gold was found in McDame creek with the creeks in the area continuing to yield small amounts of gold today. It is estimated that between the years 1874 and 1895 some 70,000 ounces of gold was recovered from the area, including a single 73 ounce nugget from McDame creek. The total gold production for the area to date is estimated to be around 170,000 ounces.

It is reported that in 1934 Pete Hanlin and John Velaugh made the first discoveries of gold bearing quartz veins in the Table Mountain Gold Camp. It is reported that in 1934 one ton of ore from the Discovery vein containing four ounces of gold was shipped by air by J.F. Callison. New discoveries were made in the late 1930's and early 1940's, among which was the Cusac vein. In 1939, A.W. Boulton recovered 114 ounces of gold and 20 ounces of silver from 130 tons of ore from the Jennie vein. Exploration was intermittent until access to the area was drastically improved with the opening of the Cassiar Asbestos Mine and the town of Cassiar in 1955.

In 1978 Erickson Gold Mining Corp. started production on the Table Mountain veins located two kilometers north of the property. In 1979 it is reported that Erickson milled 28,296 tonnes of ore with average grades of 20.9 gm/tonne gold and 20.5 gm/tonne silver, resulting in 590,900 grams of gold and 581,522 grams of silver being produced. Since then exploration and development in the area increased dramatically resulting in Plaza Resources and Tarus Gold Mines commencing gold production in 1981, followed closely by Cusac on the nothwest side of Table Mountain. Erickson acquired the Plaza deposit in 1983 and optioned the Cusac property in 1984.

Since startup in 1978 to 1988 the Erickson mine has produced over 500,000 tons of ore at a recovered grade of 0.46 oz/ton gold. The yearly average grade has ranged from 0.31 to 0.94 oz/ton gold. In February 1988 the total proven, probable mining and inventory reserves were 137,518 tons grading 0.292 oz/ton gold.



CV & AU CLAIM GROUP
LIARD M.D.

LOCATION TO KNOWN PRODUCERS

DATE: July '88	N.T.S. 104P/4E	FIGURE: 3

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Information obtained from Total Erickson's annual reports for 1986 and 1987 is as follows:

In 1985 the mine operated for 11 months and produced 19,363 ounces of gold and 15,461 ounces of silver from 68,835 tons of ore with an average grade of 0.31 oz/ton gold. In the six months of operation in 1986 the mine produced 27,167 tons of ore with an average grade of 0.93 oz/ton gold. This resulted in 24,262 ounces of gold and 8,092 ounces of silver. In 1987 the mine produced 36,847 ounces of gold and 18,137 ounces of silver from 95,179 tons of ore. The average grade was 0.417 oz/ton gold and recovery averaged 92.8%.

The quarterly report ending March 31, 1988 states that 21,807 tons of ore grading 0.306 oz/ton gold, produced 6,308 ounces of gold with a recovery averaging over 93%. The report states that there are sufficient developed mineable reserves to last most of the calendar year. Recent high grade discoveries on the Michelle and Eileen veins indicate minimum reserves of 15,000 ounces of gold. As of February 1988 the Eileen was grading 0.674 oz/ton gold.

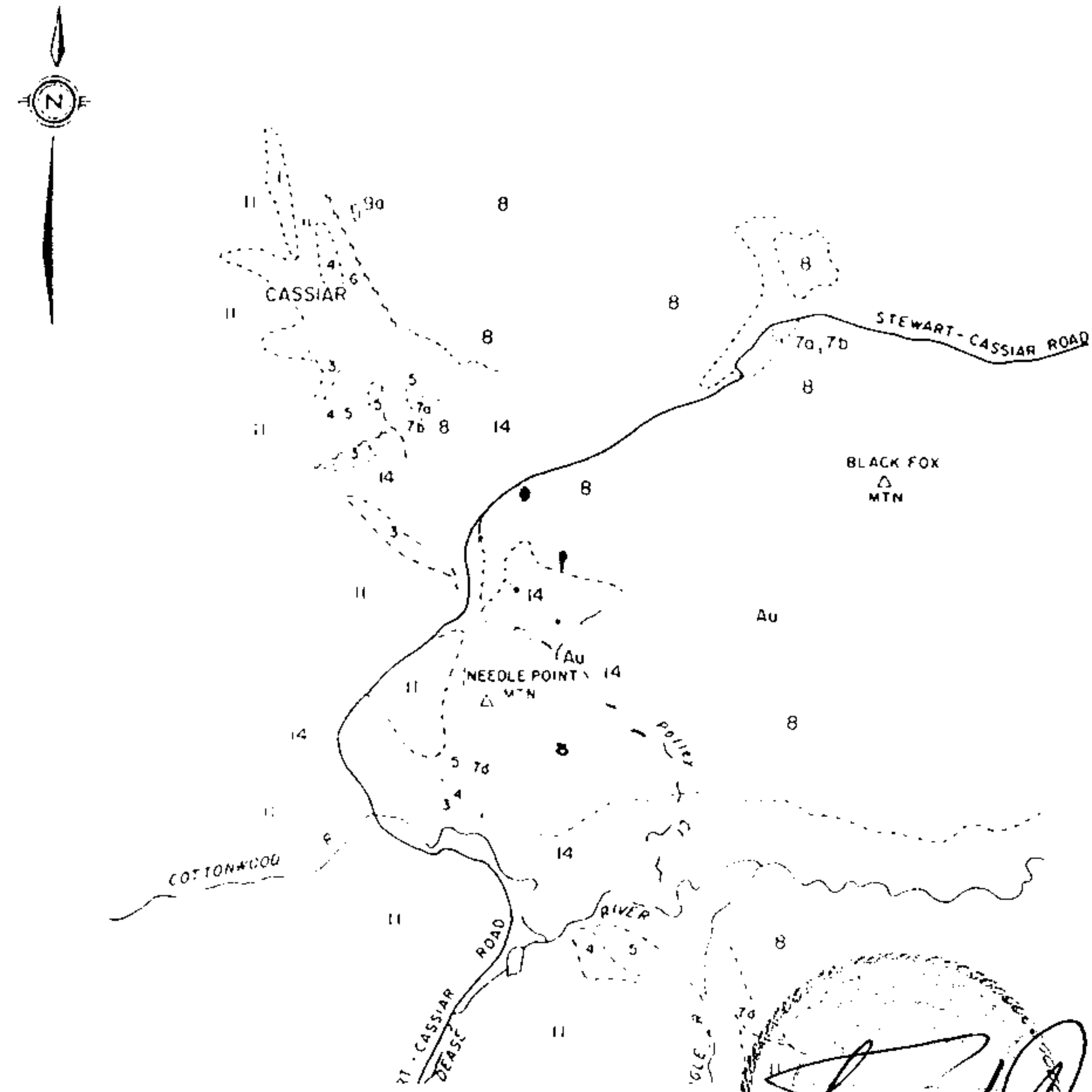
There is no documented information on previous exploration on the CV & AU claim group area.

REGIONAL GEOLOGY

The main structure in the region of the claims is the northwest trending, southeast plunging McDame synclinorium, comprised mainly of rocks of Devonian-Mississippian age.

The basement rock in the area is the Proterozoic Good Hope Group. Limestone, dolomite, slates, shale and quartzites more than 4,000 feet thick outcrop along the eastern flank of the synclinorium. The beds vary from red to pink to green in color. Limestone and dolomite are the dominant lithology in this group and occur in beds from one inch to 10 feet thick but average between one and two feet.

Overlying the Good Hope Group is the Lower Cambrian, Atan Group, a sequence of limestone, dolomite, quartzite, shale, slate, and argillite. The Atan Group is up to 3,000 feet thick in places and can be subdivided into two very distinct units.



Scale 1:250,000

0 5 10 15 Km

LEGEND

14 Glacial, talus, steam deposits

11 Cassiar Inturusives
Jurassic, Cretaceous

9a Serpentine, Mississippian

8 Sylvester Group, Devonian, Mississippian

7a, 7b, 7d Dolomite, Limestone, Devonian

5 Limestone, Phyllite Cambrian (Upper ?)

4 Limestone Precambrian ?

3 Quartzite Lower Cambrian

1 Limestone Proterozoic

Au Gold showing

* From Map 1110A G.S.C. Memoir 319

CV & AU CLAIM GROUP LIARD M.D.
GEOLOGY*
DATE: July '88 · N.T.S. 104P/4E · FIGURE: 4
SOOKOCHOFF CONSULTANTS INC.

The upper consists of almost exclusively limestone and dolomite with only minor slate. This unit is relatively pure, thick bedded to massive, and blue-grey to black in color. The beds of limestone and dolomite range in thickness from inches to hundreds of feet but on average are from a foot to 10 feet. The lower unit consists of well bedded quartzite, pebble conglomerate, slate, siltstone, and argillite and has a tan, rose or white color. The thickness of the beds in this unit are between a few inches to 10 feet.

The next Group in the statigraphic sequence is the Middle Cambrian to Middle Ordovician, Kechika Group. This unit is easily distinguished from overlying and underlying units by the well developed cleavage and tight folding. The rocks are predominately argillaceous in the southwest and calcareous in the northeast and up to 2,000 feet thick. The main lithologies in this Group are phyllites, shale, slate, and limestone in a wide variety of colours.

Resistant ridge forming dolomites and sandstones of the Ordovician to Devonian Sandpile Group overlay the Kechika Group. The Sandpile Group has a total thickness of about 1,600 feet and occurs in a wide range of color. The Sandpile Group is highly fossiliferous in localized areas.

Middle and Upper Devonian carbonate strata of the McDame Group overlay the Sandpile Group. The 500 feet or so of this unit can be divided into two members: an upper consisting of grey platy limestone, and a lower consisting of black fetid dolomite. The well bedded, platy limestone of the upper member occur in beds between half an inch and four feet thick. These limestones tend to have hackly and pitted surfaces, as a result of weathering, giving it marked contrast from the underlying dolomites. The lower dolomite member serves as one of the best horizon markers in the area because of the high fossil content and distinctive lithology.

Above the McDame Group is the most widespread and most important unit in the region, the Devonian and Mississippian Sylvester Group. In the southeast portion of the synclinorium the Sylvester Group attains a thickness of over 15,000 feet thick. This unit is distinctive in the amount of volcanic material from which it is composed. The rocks take on a dark weathering and structureless appearance in the field. Greenstone, chert and argillite are the most dominant lithologies in the unit and the greenstone serves as host to the most important gold bearing quartz veins in the area. The generally east-west trending quartz veins can occur up to 40 meters wide and may carry visible gold. The sulfide content in the veins ranges up to 5%, with the sulfides predominantly pyrite, with some tetrahedrite, mariposite, and occasionally sphalerite and galena.

PROPERTY GEOLOGY AND MINERALIZATION

The CV & AU claim group is indicated to be underlain by rocks of the Sylvester Group. The property is located on the western margins of the synclinorium and as a result sedimentary bedding dips to the west along with the regional northwesterly strike. As the property was not mapped, specific geological information is unknown.

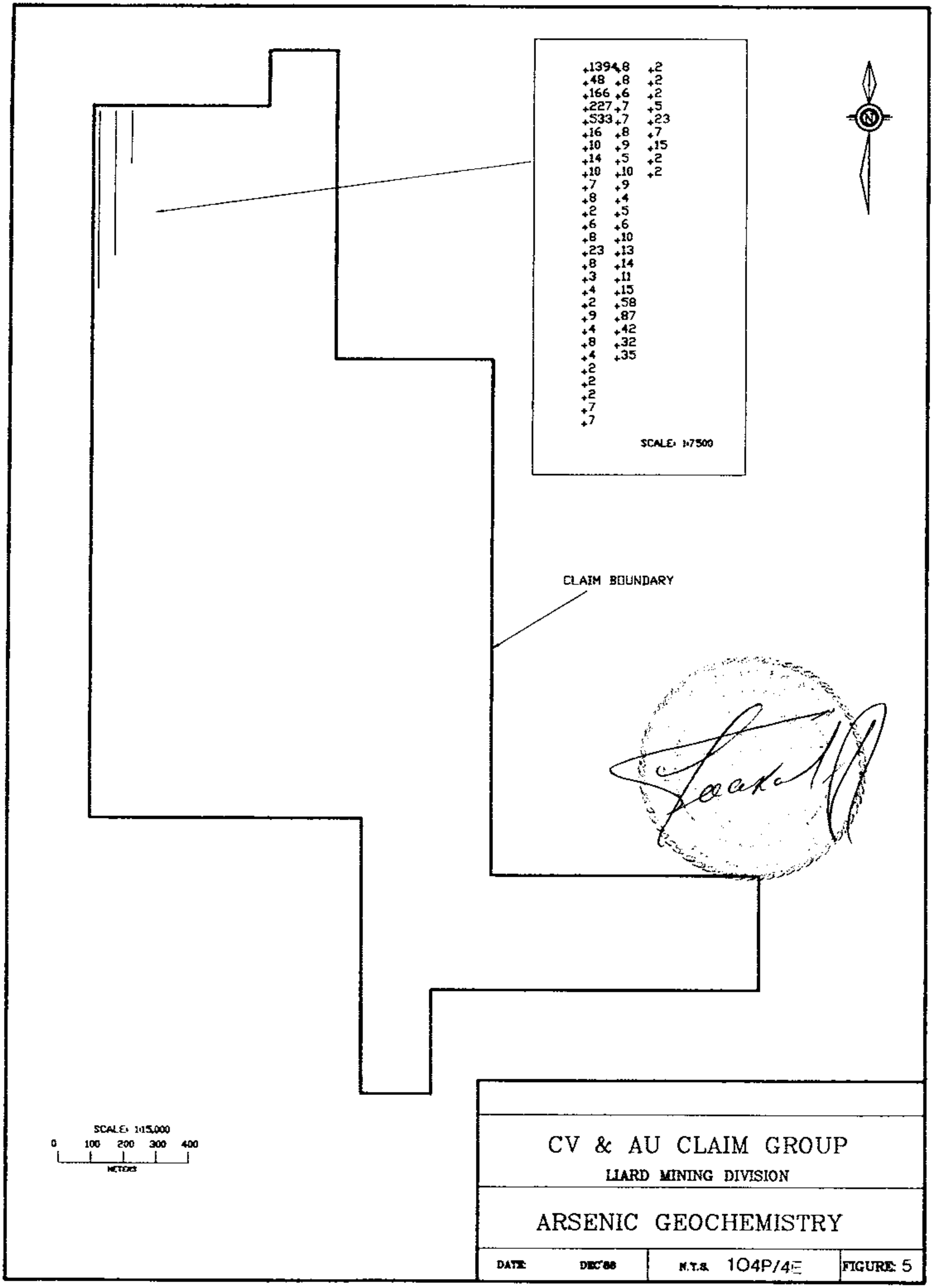
There is no known mineralization on the property other than that indicated by the soil geochem results.

GEOCHEMICAL SURVEY

The localized geochemical survey was carried out on a grid within the northwestern portion of the CV & AU claim group. Three north-south grid lines spaced 50 meters apart and 540, 440 and 160 meters long respectively were utilized to collect soil samples at 20 meter intervals. The soil samples were collected with a shovel from the "B" horizon wherever possible from a depth of between three and 30 cm. Each sample was placed in a brown wet-strength envelope. A ribbons with the appropriate co-ordinate marked thereon was placed at the soil sample site. A total of 60 samples were collected.

The samples were sent to Acme Analytical Laboratories Ltd. in Vancouver where a 30 element ICP test in addition to a gold geochem was performed. The ICP test involved the digestion of 0.500 grams of the sample with 3 ml of 3-2-1 HCl-HNO3-H2O acid at 95 degrees C for one hour, the sample is then diluted to 10 ml with water. The gold analysis was accomplished by acid leach and atomic absorption from a 10 gram sample.

A sufficient number of samples were unavailable for a reliable statistical analysis, thus the anomalous values were estimated at 50 ppm As and 25 ppb Au. The results indicate two anomalous areas. A one line 100 meter long anomaly with values of up to 1394 ppm As and 1580 ppb (0.05 oz/ton) Au occurs in the northwest corner and open to the north and west. The second anomalous area is located at the southern extent of the center grid line where 80 meters of anomalous gold values of up to 415 ppb Au and 87 ppm As. This anomaly is open to the east.



+1394 +8 +2
+48 +8 +2
+166 +6 +2
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+4 +15
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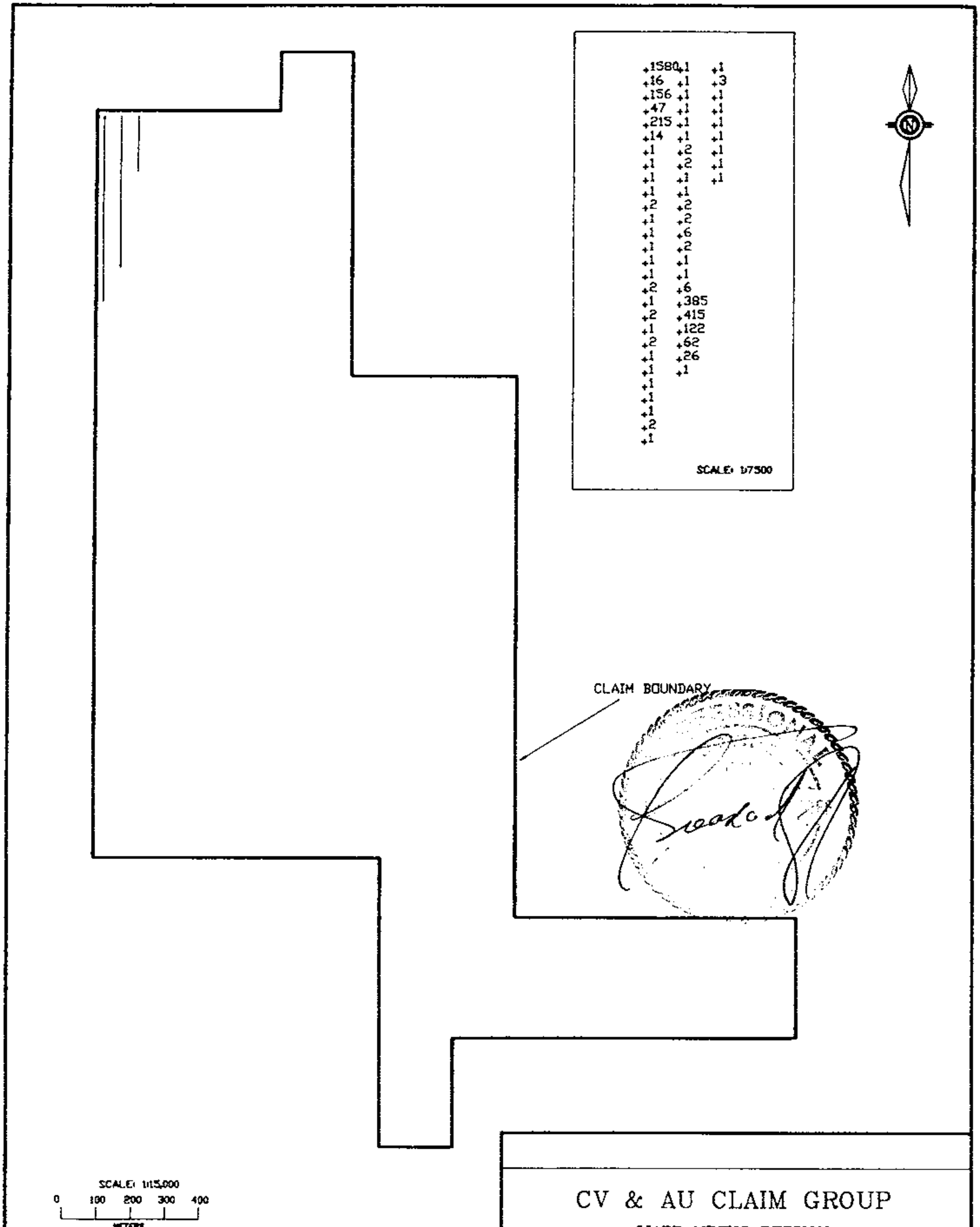
+7
+7
SCALE: 1:7500
N
CLAIM BOUNDARY
SCALE: 1:15,000
0 100 200 300 400
METERS
CV & AU CLAIM GROUP
LIARD MINING DIVISION
ARSENIC GEOCHEMISTRY
DATE: DEC'86
N.T.S. 104P/4E
FIGURE: 5



CV & AU CLAIM GROUP

LIARD MINING DIVISION

GOLD GEOCHEMISTRY

DATE:	DEC'88	N.T.S.	104P/4E	FIGURE: 6

CONCLUSIONS AND RECOMMENDATIONS

The limited soil sampling survey was successful in delineating favorable areas for locating potentially economic gold mineralization. To obtain specific target zones to test for sub-surface mineralization geological and geophysical methods should be employed. However, prior to initiating a geophysical program, the entire property should be prospected, mapped and geochemed.

Respectfully Submitted
SOOKOCHOFF CONSULTANTS INC.

Laurence Sookochoff, P.Eng.

Vancouver, B.C.
January 3, 1989

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SINGHAI, G.C. - Report on AU Group and CV Mineral Claims, Callison Lake Area. April 10, 1984

CERTIFICATE

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geologist and principal of Sookochoff Consultants Inc. with offices at 609-837 West Hastings St, Vancouver, B.C., V6C 1B6.

I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology

2. I have been practising my profession for the past twenty-three years.

3. I am registered and in good standing with the Association of Professional Engineers of British Columbia.

4. The information for this report was obtained from sources as cited under Bibliography and from the supervision of the exploration program reported on herein

5. I have no direct, indirect or contingent interest in the property described herein nor do I expect to receive any.

Laurence Sookochoff, P.Eng.
Consulting Geologist.

Vancouver, B.C.
January 3, 1989

STATEMENT OF COSTS

The fieldwork consisting of a localized geochemical survey on the AU mineral claim was carried out during the period of June 6, 1988 to June 9, 1988 to the following value:

Pat Crook, Rod Husband, Ron Husband

12 man days @ $ 250.	$ 3,000.00
Camp equipment rental	400.00
Board - 12 man days @ $ 50.	600.00
Field supplies	275.00
Report	500.00
	$ 4,775.00

APPENDIX I

ASSAY CERTIFICATES

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
L8.5 36W	1	62	8	104	.2	39	23	1339	6.44	26	5	ND	1	24	1	2	2	127	.82	.115	9	100	1.30	68	.16	2	2.81	.01	.06	1	1
L8.5 34W	1	37	7	76	.2	23	13	1254	4.40	35	5	ND	1	16	1	3	3	101	.37	.076	10	71	.78	69	.21	2	1.96	.01	.06	1	1
L8.5 32W	1	75	8	95	.3	42	21	1374	6.28	27	5	ND	1	21	1	4	2	113	.55	.091	9	88	1.39	73	.22	3	3.21	.01	.06	1	3
L8.5 30W	1	[illegible]	2	64	.1	25	8	561	5.27	3	5	ND	1	14	1	2	2	111	.33	.079	9	63	.77	45	.14	2	2.11	.01	.05	1	2
L8.5 28W	1	45	6	74	.1	34	12	601	3.83	9	5	ND	2	21	1	2	2	87	.64	.046	10	69	1.29	51	.14	4	2.22	.01	.06	1	1
L8.5 26W	1	28	5	70	.1	22	9	811	5.31	12	5	ND	2	13	1	2	2	123	.34	.196	12	56	.72	47	.12	4	2.03	.01	.06	1	1
L8.5 24W	1	43	4	65	.1	30	12	508	6.38	19	5	ND	2	15	1	2	2	185	.54	.148	7	77	1.06	38	.20	2	2.50	.01	.04	1	1
L8.5 22W	1	36	2	73	.2	32	10	509	5.04	6	5	ND	3	15	1	2	2	80	.35	.064	14	69	1.01	44	.17	3	2.97	.01	.04	1	10
L8.5 20W	1	35	9	62	.2	23	12	495	6.04	6	5	ND	2	14	1	2	2	142	.37	.074	9	70	.77	50	.25	2	2.46	.01	.05	1	1
L8.5 18W	1	52	8	69	.2	32	13	415	6.25	9	5	ND	3	23	1	2	2	138	.47	.094	9	76	1.15	73	.15	2	2.90	.01	.05	1	2
L8.5 16W	2	34	5	71	.1	28	9	416	4.91	8	5	ND	1	14	1	2	2	94	.29	.048	10	57	.83	59	.13	2	2.39	.01	.04	1	1
L8.5 14W	1	43	7	63	.1	35	12	593	5.09	8	5	ND	1	18	1	2	2	98	.50	.079	8	63	1.12	59	.13	3	2.62	.01	.03	1	1
L8.5 12W	2	26	8	78	.1	19	8	667	3.61	2	5	ND	1	14	1	2	2	99	.25	.051	10	41	.56	73	.18	2	1.80	.01	.05	1	2
L8.5 10W	1	19	13	41	.1	8	4	277	2.39	2	5	ND	1	14	1	2	2	79	.26	.044	12	38	.21	72	.26	2	1.24	.01	.04	1	2
L8.5 8W	1	18	7	33	.1	16	6	182	2.21	2	5	ND	1	18	1	2	2	81	.43	.028	11	38	.54	40	.16	2	1.54	.01	.03	1	2
L8.5 6W	1	35	5	64	.2	36	11	390	4.70	7	5	ND	1	21	1	2	2	92	.62	.052	8	72	1.34	50	.15	3	2.82	.01	.03	1	3
L8.5 4W	1	35	6	74	.2	28	11	396	4.50	10	5	ND	1	19	1	3	2	96	.57	.048	7	68	1.14	48	.15	2	2.59	.01	.04	1	1
L8.5 2W	1	16	9	46	.1	21	7	254	3.09	2	5	ND	1	13	1	2	2	65	.28	.042	11	42	.35	40	.15	2	1.80	.01	.03	1	1
L8.5 0E	1	24	11	53	.1	23	8	307	3.76	3	5	ND	1	16	1	2	2	84	.39	.042	8	54	.81	42	.14	2	2.20	.01	.04	1	2
L8.5 2E	1	33	9	59	.1	29	9	376	3.84	2	5	ND	1	19	1	2	2	88	.53	.044	8	59	1.06	37	.16	3	2.44	.01	.03	1	2
L8.5 4E	1	12	11	44	.4	9	3	157	1.54	2	5	ND	1	12	1	2	3	49	.17	.063	9	28	.24	64	.12	2	1.15	.01	.04	1	1
L8.5 6E	1	17	6	49	.2	14	5	305	2.53	5	5	ND	1	15	1	2	2	74	.34	.049	9	43	.53	54	.17	3	1.72	.01	.04	1	1
L8.5 8E	1	38	9	57	.1	35	12	496	3.23	10	5	ND	1	21	1	2	2	75	.71	.055	8	66	1.16	49	.13	5	2.31	.01	.04	1	2
AU LO 0S	1	87	21	103	.5	113	58	2101	14.62	1394	5	ND	4	22	1	6	2	53	.97	.045	10	38	.60	73	.05	2	1.02	.01	.09	1	1580
AU LO 2S	1	15	7	77	.2	31	13	568	3.44	48	5	ND	5	9	1	2	2	54	.22	.031	13	33	.53	63	.14	6	1.64	.01	.08	1	16
AU LO 4S	1	65	6	115	.3	54	26	708	6.28	166	5	ND	5	12	1	2	2	94	.29	.044	12	49	.92	69	.17	7	2.66	.01	.06	1	156
AU LO 6S	1	43	7	237	.1	47	34	1044	7.71	227	5	ND	3	13	1	2	2	113	.37	.061	9	45	.65	89	.16	2	1.99	.01	.07	1	47
AU LO 8S	1	73	10	223	.4	56	31	1398	9.23	533	5	ND	2	13	1	2	2	66	.37	.092	10	31	.48	71	.08	2	1.60	.01	.05	1	215
AU LO 10S	1	21	10	89	.1	26	7	390	2.54	16	5	ND	5	13	1	2	2	39	.40	.047	17	27	.59	54	.10	3	1.33	.01	.10	1	14
AU LO 12S	1	8	13	69	.1	11	6	836	2.19	10	5	ND	7	5	1	2	3	40	.14	.098	16	20	.26	53	.10	2	.66	.01	.05	1	1
AU LO 14S	2	18	15	208	.4	39	13	442	4.86	14	5	ND	9	7	1	2	2	71	.10	.132	16	49	.59	85	.23	2	3.62	.01	.07	1	1
AU LO 16S	1	10	5	90	.1	26	8	276	2.69	10	5	ND	13	8	1	2	2	44	.27	.132	30	24	.48	46	.09	2	1.56	.01	.06	1	1
AU LO 18S	2	14	13	123	.3	32	12	459	4.15	7	5	ND	11	6	1	2	2	64	.12	.097	18	38	.49	93	.21	3	2.59	.01	.07	1	1
AU LO 20S	2	14	13	111	.1	43	12	411	4.57	8	5	ND	8	6	1	2	2	66	.12	.096	17	43	.68	69	.24	2	3.38	.01	.06	1	2
AU LO 22S	2	14	8	202	.1	41	16	374	4.40	2	5	ND	11	6	1	2	2	65	.10	.104	18	41	.63	81	.25	5	2.89	.01	.05	1	1
AU LO 24S	2	11	13	108	.2	31	8	299	3.69	6	5	ND	8	7	1	2	2	60	.16	.090	20	32	.51	74	.17	4	1.93	.01	.08	1	1
STD C/AU-S	17	57	37	125	7.0	69	27	1053	3.77	37	17	7	36	47	17	16	18	56	.46	.085	36	56	.84	172	.06	33	1.79	.06	.14	11	51

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
AU L0 26S	2	19	12	184	.4	30	18	996	5.31	8	5	ND	6	9	1	2	2	75	.15	.072	13	43	.41	106	.28	2	2.27	.01	.06	1	1
AU L0 28S	1	20	10	111	.1	35	12	359	4.88	23	5	ND	6	9	1	2	2	66	.18	.043	15	45	.58	60	.21	6	2.14	.01	.07	1	1
AU L0 30S	2	14	6	130	.1	32	11	358	3.94	8	5	ND	7	9	1	2	2	55	.19	.054	18	35	.58	84	.16	4	1.71	.01	.09	1	1
AU L0 32S	2	13	16	217	.5	21	12	573	5.10	3	5	ND	6	7	1	3	3	95	.10	.047	14	43	.36	105	.31	2	1.90	.01	.07	1	2
AU L0 34S	3	6	13	197	.1	14	7	473	5.17	4	5	ND	4	9	1	2	2	106	.14	.033	14	35	.24	111	.34	2	1.06	.01	.06	1	1
AU L0 36S	2	9	15	116	.2	8	7	548	3.94	2	5	ND	4	7	1	3	3	91	.09	.028	13	31	.18	82	.32	2	.98	.01	.06	1	2
AU L0 38S	2	16	15	204	.6	43	18	488	5.18	9	5	ND	8	8	1	2	2	72	.14	.072	14	51	.60	137	.26	2	3.99	.01	.07	1	1
AU L0 40S	1	13	9	86	.1	28	6	223	3.15	4	5	ND	4	8	1	2	2	48	.16	.026	12	32	.53	67	.11	8	1.34	.01	.08	1	2
AU L0 42S	2	20	2	111	.1	30	11	427	4.43	8	5	ND	5	9	1	2	2	75	.23	.037	14	42	.63	73	.23	2	1.92	.01	.08	1	1
AU L0 44S	1	59	8	76	.1	40	18	278	5.48	4	5	ND	7	9	1	2	2	85	.20	.042	16	47	.49	87	.35	2	3.28	.01	.03	1	1
AU L0 46S	1	130	14	86	.1	37	24	548	5.44	2	5	ND	4	11	1	2	2	128	.37	.021	12	64	.51	66	.30	2	3.00	.01	.03	1	1
AU L0 48S	1	61	9	164	.1	43	16	647	4.97	2	5	ND	7	9	1	2	2	95	.33	.016	16	48	.41	80	.33	2	2.28	.01	.04	1	1
AU L0 50S	1	60	8	125	.1	38	14	486	4.24	2	5	ND	8	11	1	2	2	85	.36	.014	16	45	.66	110	.24	2	2.19	.01	.06	1	1
AU L0 52S	1	202	10	121	.2	62	19	867	4.93	7	5	ND	7	14	1	2	2	86	.62	.040	21	51	.51	60	.22	2	4.08	.01	.04	1	2
AU L0 54S	2	98	8	74	.1	51	20	275	6.26	7	5	ND	6	11	1	3	2	137	.32	.017	15	56	.53	35	.40	2	3.73	.02	.04	1	1
AU L0.5 0S	1	13	8	69	.1	20	10	305	3.00	8	5	ND	4	11	1	2	2	49	.26	.027	13	28	.42	57	.15	2	1.59	.01	.06	1	1
AU L0.5 2S	1	9	2	69	.1	18	8	245	3.55	8	5	ND	6	7	1	2	2	56	.12	.040	14	31	.39	54	.17	2	1.79	.01	.05	1	1
AU L0.5 4S	1	10	7	75	.1	13	7	497	3.34	6	5	ND	7	7	1	2	3	57	.10	.074	17	25	.30	49	.16	2	1.50	.01	.05	1	1
AU L0.5 6S	1	13	10	163	.1	30	10	390	4.36	7	5	ND	8	9	1	2	2	67	.22	.173	17	42	.70	64	.17	2	3.00	.01	.09	1	1
AU L0.5 8S	2	11	16	245	.2	19	9	460	5.70	7	5	ND	6	7	1	2	2	85	.12	.093	13	41	.32	71	.27	2	1.94	.01	.06	2	1
AU L0.5 10S	3	9	12	182	.2	16	9	333	4.66	8	5	ND	6	7	1	2	2	89	.09	.075	15	33	.46	67	.22	2	1.52	.01	.07	1	1
AU L0.5 12S	2	12	12	164	.1	17	9	626	5.64	8	5	ND	4	7	1	4	2	89	.12	.091	13	40	.48	78	.25	2	2.00	.01	.07	1	2
AU L0.5 14S	1	5	2	63	.1	18	7	481	2.33	5	5	ND	11	8	1	3	6	40	.22	.107	25	20	.41	41	.08	8	.98	.01	.08	1	2
AU L0.5 16S	3	14	11	219	.3	46	15	483	4.49	10	5	ND	6	9	1	2	2	57	.16	.080	16	45	.68	77	.22	4	3.81	.01	.08	2	1
AU L0.5 18S	3	13	16	204	.1	29	16	694	6.20	9	5	ND	5	8	1	2	2	83	.10	.077	14	51	.55	93	.32	2	2.63	.01	.08	1	1
AU L0.5 20S	2	7	10	72	.1	13	6	451	3.39	4	5	ND	5	6	1	2	2	67	.10	.046	12	31	.36	68	.18	2	1.05	.01	.06	1	2
AU L0.5 22S	2	10	11	107	.1	17	9	273	3.77	5	5	ND	4	6	1	2	2	61	.11	.059	15	32	.32	59	.19	2	1.64	.01	.06	1	2
AU L0.5 24S	2	11	12	126	.1	14	8	341	4.95	6	5	ND	4	6	1	2	2	80	.08	.080	12	41	.27	80	.29	2	1.09	.01	.04	1	6
AU L0.5 26S	2	13	10	201	.2	19	13	579	6.29	10	5	ND	4	8	1	2	3	98	.13	.058	11	46	.44	78	.31	2	1.92	.01	.06	1	2
AU L0.5 28S	2	15	16	220	.1	24	13	373	5.44	13	5	ND	4	9	1	2	3	92	.12	.043	12	48	.47	104	.28	2	2.16	.01	.07	1	1
AU L0.5 30S	3	20	9	180	.4	31	14	406	5.62	14	5	ND	6	25	1	2	2	116	.24	.049	15	62	.93	131	.21	2	1.98	.02	.16	1	1
AU L0.5 32S	3	20	17	248	.1	42	17	544	4.88	11	5	ND	5	12	1	2	2	81	.17	.056	13	46	.64	168	.23	2	2.36	.01	.11	1	6
AU L0.5 34S	2	14	16	132	.1	18	12	729	5.66	15	5	ND	6	11	1	2	2	126	.15	.040	14	46	.47	199	.28	2	1.45	.01	.09	4	385
AU L0.5 36S	3	31	9	83	.1	40	17	361	6.49	58	5	ND	12	13	1	3	2	99	.23	.032	19	57	.86	103	.18	2	2.27	.01	.10	2	415
AU L0.5 38S	2	13	15	86	.1	17	16	933	5.83	87	5	ND	15	10	1	2	3	102	.16	.028	14	41	.37	133	.22	2	1.60	.01	.09	2	122
AU L0.5 40S	5	20	12	89	.1	21	11	299	4.56	42	5	ND	4	15	1	2	2	107	.44	.026	11	44	.64	83	.19	2	1.66	.01	.07	1	62
STD C/AU-S	18	57	40	134	7.1	67	28	1067	4.01	39	18	8	36	44	17	17	23	54	.44	.085	37	55	.88	174	.06	33	1.88	.06	.15	11	47

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
AU L0.5 42S	1	70	10	132	.1	51	18	591	4.46	32	5	ND	15	22	1	2	2	78	.75	.036	17	65	.97	127	.14	5	2.61	.01	.09	1	26
AU L0.5 44S	5	135	6	185	.1	69	16	1177	4.53	35	8	ND	12	42	1	2	2	89	.93	.060	36	66	1.14	182	.15	4	2.96	.03	.09	2	1
AU L1.0 0S	1	10	2	94	.1	26	10	340	2.84	2	5	ND	11	8	1	2	2	48	.21	.119	25	31	.50	50	.14	7	1.64	.01	.07	1	1
AU L1.0 2S	1	10	4	94	.1	20	7	354	3.41	2	5	ND	11	8	1	2	2	56	.21	.133	29	33	.49	45	.14	6	1.81	.01	.07	1	3
AU L1.0 4S	3	15	7	176	.2	40	12	539	5.28	2	5	ND	15	11	1	2	2	84	.18	.117	20	54	.64	104	.27	2	4.16	.01	.09	1	1
AU L1.0 6S	3	13	10	241	.4	48	21	762	5.20	5	5	ND	6	11	1	2	2	85	.19	.098	19	52	.67	112	.29	3	3.30	.01	.08	2	1
AU L1.0 8S	9	10	11	150	.1	21	11	603	5.30	23	5	ND	5	13	1	2	2	129	.16	.117	16	42	.48	89	.25	2	1.91	.01	.09	1	1
AU L1.0 10S	2	12	7	164	.1	25	12	431	4.68	7	5	ND	7	13	1	2	2	83	.33	.065	15	44	.66	58	.27	2	1.91	.01	.07	1	1
AU L1.0 12S	2	26	13	221	.2	26	13	1167	3.91	15	5	ND	6	19	1	2	2	87	.66	.054	18	38	.54	106	.19	5	1.62	.01	.13	1	1
AU L1.0 14S	2	16	7	251	.1	26	12	1021	3.81	2	5	ND	5	25	2	2	2	85	.50	.040	15	46	.54	452	.23	3	1.56	.01	.11	1	1
AU L1.0 16S	7	16	14	147	.5	21	13	1904	4.14	2	5	ND	14	10	1	2	2	81	.12	.031	27	38	.37	152	.26	2	1.62	.01	.09	1	1
K.G. 1	1	84	22	115	.1	44	25	1443	4.85	59	5	ND	2	13	1	2	2	92	.40	.043	11	73	1.59	348	.18	5	2.54	.01	.06	1	[illegible]
K.G. 2	1	63	17	90	.1	47	24	1161	4.96	59	5	ND	1	11	1	2	3	87	.36	.033	12	70	1.39	220	.21	4	2.64	.01	.06	1	49
K.G. 3	1	73	13	111	.1	53	25	1308	4.83	75	5	ND	2	11	1	2	2	88	.35	.033	13	74	1.42	215	.20	2	2.73	.01	.05	1	205
K.G. 4	1	224	20	152	.1	34	33	3633	4.88	155	5	ND	1	25	1	2	2	91	.79	.091	13	48	.96	297	.11	7	2.58	.01	.07	1	69
K.G. 5	1	86	25	131	.1	52	24	1583	5.19	226	5	ND	2	11	1	2	2	81	.31	.061	17	61	1.20	219	.14	8	2.50	.01	.06	1	345
K.G. 6	1	80	25	147	.1	57	25	1377	5.69	409	5	ND	3	13	1	2	2	80	.29	.053	14	65	1.26	158	.13	5	2.37	.01	.08	1	520
K.G. 7	1	75	17	114	.1	48	22	1316	5.17	191	5	ND	1	12	1	2	2	83	.25	.044	14	54	1.08	191	.12	2	2.32	.01	.06	1	315
K.G. 8	1	61	15	102	.1	41	16	1109	4.86	143	5	ND	1	9	1	2	2	86	.16	.045	13	51	.92	184	.10	6	2.17	.01	.06	1	126
K.G. 9	1	44	16	115	.1	33	14	1226	3.50	36	5	ND	1	19	1	2	2	61	.47	.088	13	44	.64	145	.11	2	1.79	.01	.07	1	37
K.G. 10	1	114	23	137	.1	86	25	1596	4.80	58	5	ND	2	12	1	2	3	76	.36	.044	13	65	1.27	243	.11	3	2.31	.01	.06	1	111
K.G. 11	1	100	22	139	.1	67	27	1655	5.20	101	5	ND	2	14	1	2	2	80	.38	.038	16	71	1.42	235	.14	3	2.57	.01	.06	1	113
K.G. 12	1	69	20	127	.1	45	27	1848	5.10	64	5	ND	1	16	1	2	2	95	.41	.071	13	66	1.20	292	.10	2	2.48	.01	.06	2	28
K.G. 13	1	86	13	114	.1	66	22	1539	4.84	60	5	ND	1	12	1	2	2	87	.29	.058	14	82	1.17	169	.13	4	2.37	.01	.06	1	9
K.G. 14	1	92	20	171	.1	96	30	2085	5.32	91	5	ND	1	13	1	2	2	94	.36	.059	12	115	1.73	191	.11	6	2.68	.01	.07	1	44
K.G. 15	1	33	17	83	.1	25	12	712	4.18	76	5	ND	1	14	1	2	2	101	.32	.050	10	47	.60	123	.15	5	1.45	.01	.06	1	10
K.G. 16	1	70	16	121	.1	50	23	1367	5.27	107	5	ND	1	15	1	2	2	89	.38	.048	13	66	1.11	189	.14	5	2.30	.01	.07	1	121
K.G. 18	1	30	26	136	.1	33	15	875	4.40	20	5	ND	3	26	1	2	2	93	.87	.130	20	50	1.51	204	.25	2	2.22	.01	.15	1	14
K.G. 19	1	19	17	62	.2	18	8	431	3.19	18	5	ND	1	10	1	3	2	116	.14	.039	13	38	.46	90	.21	3	1.31	.01	.06	1	1
K.G. 20	1	63	10	110	.1	48	19	1226	4.05	167	5	ND	1	16	1	2	2	82	.38	.041	14	60	.98	188	.14	3	2.11	.01	.07	1	290
K.G. 21	1	76	6	97	.1	59	22	1066	4.25	87	5	ND	2	17	1	2	2	71	.46	.060	13	68	1.29	143	.13	5	1.86	.01	.07	1	465
K.G. 22	1	65	20	108	.1	48	18	1031	4.43	51	5	ND	2	19	1	2	2	85	.53	.056	15	60	1.04	246	.12	3	2.33	.01	.06	1	1
K.G. 23	1	61	22	93	.1	39	14	866	4.23	38	5	ND	2	13	1	2	2	92	.34	.043	14	55	.93	258	.14	6	2.07	.01	.08	2	16
K.G. 24	1	91	15	107	.1	66	22	1137	4.62	95	5	ND	1	17	1	2	2	76	.47	.062	13	69	1.32	192	.11	4	2.09	.01	.06	1	97
K.G. 24A	1	114	17	108	.2	83	27	1222	5.57	147	5	ND	3	19	1	2	2	86	.52	.052	12	91	1.66	220	.10	6	2.55	.01	.09	1	139
K.G. 25	1	78	7	98	.1	48	19	1119	4.59	74	5	ND	2	13	1	2	2	84	.31	.056	14	61	1.06	223	.12	8	2.31	.01	.07	1	38
K.G. 26	1	21	14	65	.2	23	8	341	2.72	24	5	ND	1	11	1	2	3	105	.26	.025	11	48	.60	125	.23	4	1.36	.01	.05	1	10
STD C/AU-S	17	61	41	131	6.7	68	30	1067	3.85	40	15	8	37	47	18	16	18	57	.44	.084	39	56	.90	173	.06	33	1.84	.06	.15	13	47