YEIP
96-018
1996
IM

AURUM ECOLOGICAL CONSULTANTS, INC.

REPORT ON THE 1996 GEOCHEMICAL SOIL SURVEY ON THE AU 1-48 CLAIMS

Whitehorse Mining District, Yukon
YMIP #96-018
August 19-23, 1996

Claims: AU 1-48 (YB58065-58112)

Location:
1. 90 km NW of Carmacks, Yukon
2. NTS Sheet 115 I/3
3. Latitude 62°12
   Longitude 137°25'

For:
MR. EUGENE CURLEY
P.O. Box 47
Faro, Yukon
Y0B 1K0

By:
R. Allan Doherty, P.Geo.
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Whitehorse, Yukon
Y1A 3T5

October 15, 1996

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SUMMARY

Mr. Eugene Curley's AU 1-48 Claims are located on the southwestern side of the Dawson Range mountains within NTS map area 115 I/3. The claims are accessible by four wheel drive roads and ATV but are more easily reached by helicopter from Carmacks.

The Au claims were staked by Mr. Eugene Curley in 1995 to cover an area thought to have potential to host gold bearing quartz veins of similar style to those found in the Mount Nansen Camp.

The 1996 program was completed by personnel from Aurum Geological Consultants Inc., at the request of Mr. Eugene Curley. A three man crew was mobilized to the site and completed a flagged and chained grid, soil sampling, prospecting and stream silt sampling between August 19-23, 1996.

Results of exploration to date has identified weakly anomalous gold from a number of sites on the grid. Soil sampling in this area of the Yukon often produces low level anomalies due to the difficulty sampling a good B Horizon. A thick layer of organics, overlying volcanic ash and often containing permafrost makes it difficult to obtain good soil samples even when soil augers are used. As such, the soil samples that have returned values above 20 ppb Au may reflect underlying mineralization and should be further investigated.

Based on these results, continued exploration consisting additional soil sampling, prospecting, geological mapping, and geochemistry are warranted and recommended.

INTRODUCTION

This report was prepared at the request of Mr. Eugene Curley, owner of the AU 1-48 claims. It describes the 1996 soil geochemical exploration program, carried out between August 19-23, 1996 on the AU Claims.

The Au 1-48 Claims are located 90 km northwest of Carmacks. The Mount Nansen road leads from Carmacks to the Mount Nansen mine site and on toward Prospector Mountain which is north of the Au Claims.

The purpose of the 1996 program was to complete initial grass roots geochemical prospecting on specific areas of the AU 1-48 Claims. A magnetometer and VLF survey was also proposed but weather and scheduling problems caused that part of the program to be cancelled.

LOCATION and ACCESS

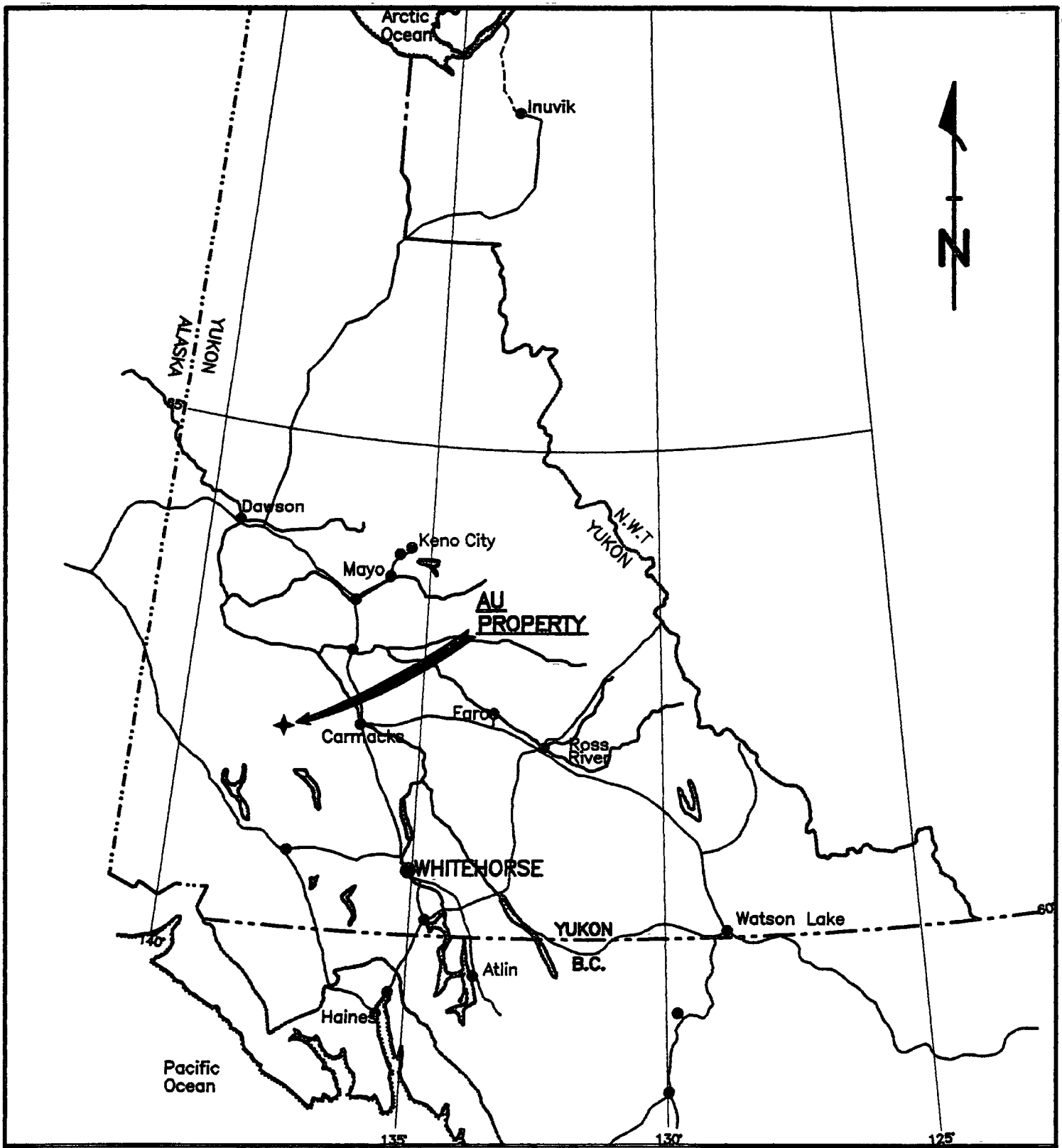
The Au 1-48 claims are located 90 km northwest of Carmacks, Yukon. Carmacks is 180 km north of Whitehorse. A point at the centre of the claim block is at 62°12'31" North latitude and 137° 25'45" West longitude, within NTS map area 115I/3, (Figure 1).

Year round access to the AU claims is via helicopter from Carmacks, 90 km southeast of the property. There is an helicopter bases in Carmacks. The Mount Nansen Road leads west from Carmacks, through the Mt. Nansen mine site and on to the Klaza River. Old roads and ATV trails lead along the Klaza River to within a few kilometres of the property.

CLIMATE, TOPOGRAPHY AND VEGETATION

The Au claims are located in the Yukon Plateau an area of moderate topography. Elevations vary between 3500' to 4400'. Treeline is at 4500' or lower. Sub-alpine to alpine vegetation on the property consists of stunted white spruce, willows and grasses. The claims cover a south flowing tributary of the Klaza River. The topography is rolling and hummocky and lower areas can be swampy and willow covered.

This area of the Yukon has not been glaciated and outcrops are rare. Most near surface rocks have been deeply weathered. On north facing slopes and in valleys, permafrost is common and is commonly covered by a thick moss matt and stunted willows. A thick layer of White River ash is also commonly encountered below the organic horizon and just above the permafrost.



200 100 0 200
kilometres

EUGENE CURLEY
AU 1–48 CLAIMS
WHITEHORSE MINING DISTRICT, YUKON TERRITORY

PROPERTY LOCATION MAP

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. A. DOHERTY

Aurum Geological Consultants Inc.		date: DECEMBER, 1996	
NTS: 105 I/3	drawn: JC	scale: 1:6,000,000	figure: 1

PROPERTY

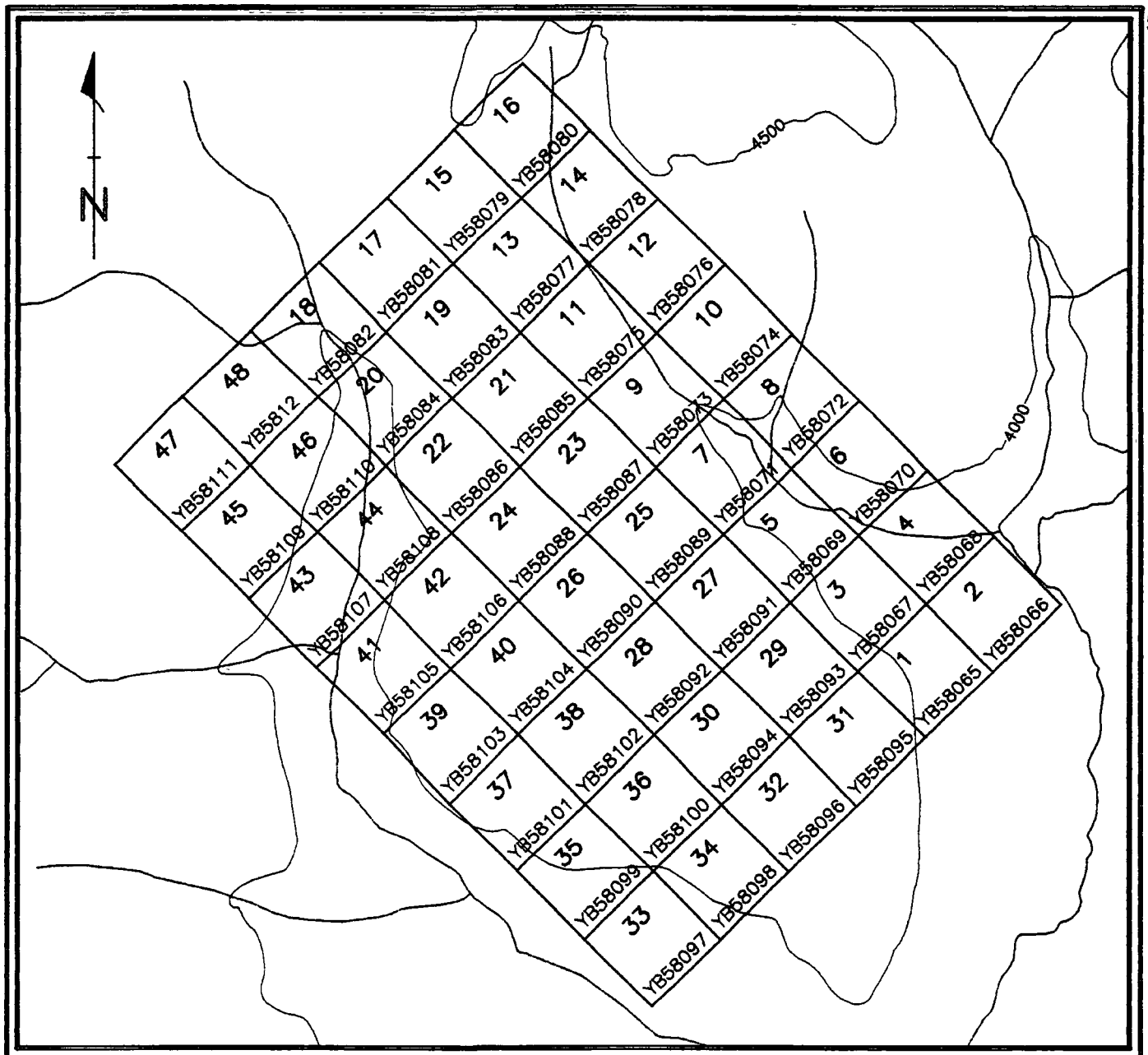
The Au claims consist of 48 unsurveyed contiguous quartz mineral claims within NTS map area 115I/3, located in the Whitehorse Mining District (Figure 2). The claims are 100% owned by Mr. Eugene Curley. The claims were first staked on August 2, 1995 to cover an area thought to have potential for gold mineralization.

The current claim status is shown in the Table I below.

TABLE I CLAIM STATUS

CLAIM NAME	GRANT NUMBER	RECORDING DATE	EXPIRY DATE *
AU 1-48	YB58065-58112	August 25, 1995	August 25, 1998

* subject to approval of 1996 assessment work



LEGEND

9 ← CLAIM #

YB58097 ← GRANT #

CREEK

4000 CONTOUR LINE (500 ft INTERVAL)

1000 500 0 1000

metres

EUGENE CURLEY
AU 1–48
WHITEHORSE MINING DISTRICT, YUKON TERRITORY

CLAIM MAP

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. A. DOHERTY GEOSCIENTIST

Aurum Geological Consultants Inc.		date: DECEMBER, 1996	
NTS: 105 I/3	drawn: JC	scale: 1:30000	figure: 2

HISTORY

The Au -48 claims were staked by Mr. Eugene Curley in August 1995. There is no record of prior claim staking in the area. The claims are located 20 km northwest of the active Mount Nansen Gold Camp which is currently being placed into production by BYG Resources Ltd.

Within a ten kilometre radius of the AU Claims there are six listed Yukon Minfile occurrences. These are by order of proximity to the Au Claims: 115I-15 Toast which was explored for gold by Chevron Minerals Ltd and by Mr. Eugene Curley. One heavy mineral concentrate reported 14 000 ppb Au and a float rock sample reported 27.2 g/t Au; 115-047 Tritop with reported gold-molybdenum anomalies associated with Mount Nansen volcanics; 115I-072 Phoebe covering a diopside skarn; 115I-080 Rico which was staked over magnetic lows in a wide overburden covered valley; 115I-046 Lil which was staked by P.F. Guder in the 1930's and was reported to contain gold bearing quartz veins west of Bow Creek; 115I-109 Bow which was staked by Yukon Revenue Mines Ltd to cover reported gold vein occurrences; and 115I-048 Edgar with a reported copper-molybdenum soil anomaly. All of the previously mentioned mineral occurrences are shown on the regional geology map Figure 3.

GEOLOGY

Regional Geology

The geology of the Carmacks area (NTS 115 I) has been recently mapped by Tempelman-Kluit (1984) at a scale of 1:250,000, and the Mt. Nansen and Stoddart Creek areas (NTS 115 I/6 & 7) at a scale of 1:50,000 by Carlson (1987).

The Au Claims are situated within the Yukon Crystalline Terrane, twenty kilometres southwest of a major northwest structure known as the Big Creek Fault (Figure 3). This structure separates schists and gneiss of the Yukon Crystalline Terrane to the south from the highly sheared metamorphic rocks of the Yukon Cataclastic Terrane to the north. Basement rocks north of the Big Creek Fault are poorly represented due to large Late Triassic to Early Jurassic intrusions of foliated hornblende granodiorite and syenite (Klotassin and Big Creek Meta-Plutonic Suites). The latest metamorphism in the area is likely related to emplacement of these suites (Carlson 1987). To the east Triassic Pavoas greenstone volcanics and Jurassic sedimentary rocks of the Whitehorse Trough are bounded by the northwest trending Hoochekoo and Braeburn Faults.

The Early Cretaceous was marked by the intrusion of the Dawson Range Batholith consisting of granodiorite, local granitic plugs, and cogenetic Mt. Nansen Group andesite and rhyolite. Lithologies representing this plutonic-volcanic event are localized along and south of the Big Creek Fault.

The Late Cretaceous to Paleocene Carmacks Suite comprise the youngest rocks in the area and consist of extensive flat lying basalt flows with lesser andesite and rhyolite pyroclastics. Late intermediate to mafic dykes are interpreted as feeders for the Carmacks basaltic volcanics (Carlson 1987).

Regional structures generally trend northwest with some younger subsidiary northeast structures. Mineral deposits in the area are associated with Cretaceous porphyry stocks and volcanics in proximity to major regional structures such as Big Creek Fault, and secondary northwest and northeast trending faults (Carlson 1987).

Property Geology

The bedrock geology (Figure 4) underlying the Au Claim group is not well known due to a lack of outcrop. Most float and felsenmeer encountered while griding and soil sampling consisted of granodiorite of the Casino Granodiorite (Unit 5a), a Cretaceous biotite hornblende granodiorite. On the central part of the claim block just south west of the grid an area is underlain by light salmon pink fine grained feldspar porphyry (Unit 8a) which is interpreted to cut Mount Nansen andesite and latite volcanics (Unit 7a).

LEGEND FIGURE 3 - REGIONAL GEOLOGY

OLIGOCENE-MIOCENE
Omcv Carmacks Group andesite and basalt
Ocs Carmacks group conglomerate, sandstone, shale

EOCENE
E_{MN} Mount Nansen Group Volcanics

Lower TERTIARY
Tfp Feldspar Porphyry Dikes
Tva Acid Tuff
Tvb Basalt flows and dikes

Early TERTIARY
eTf Granite and syenite porphyry

CRETACEOUS
Ky Syenite, monzonite
Kg Granite
Kqm Quartz monzonite, granodiorite

MESOZOIC
Mqm Quartz monzonite
Mgd Granodiorite Quartz monzonite

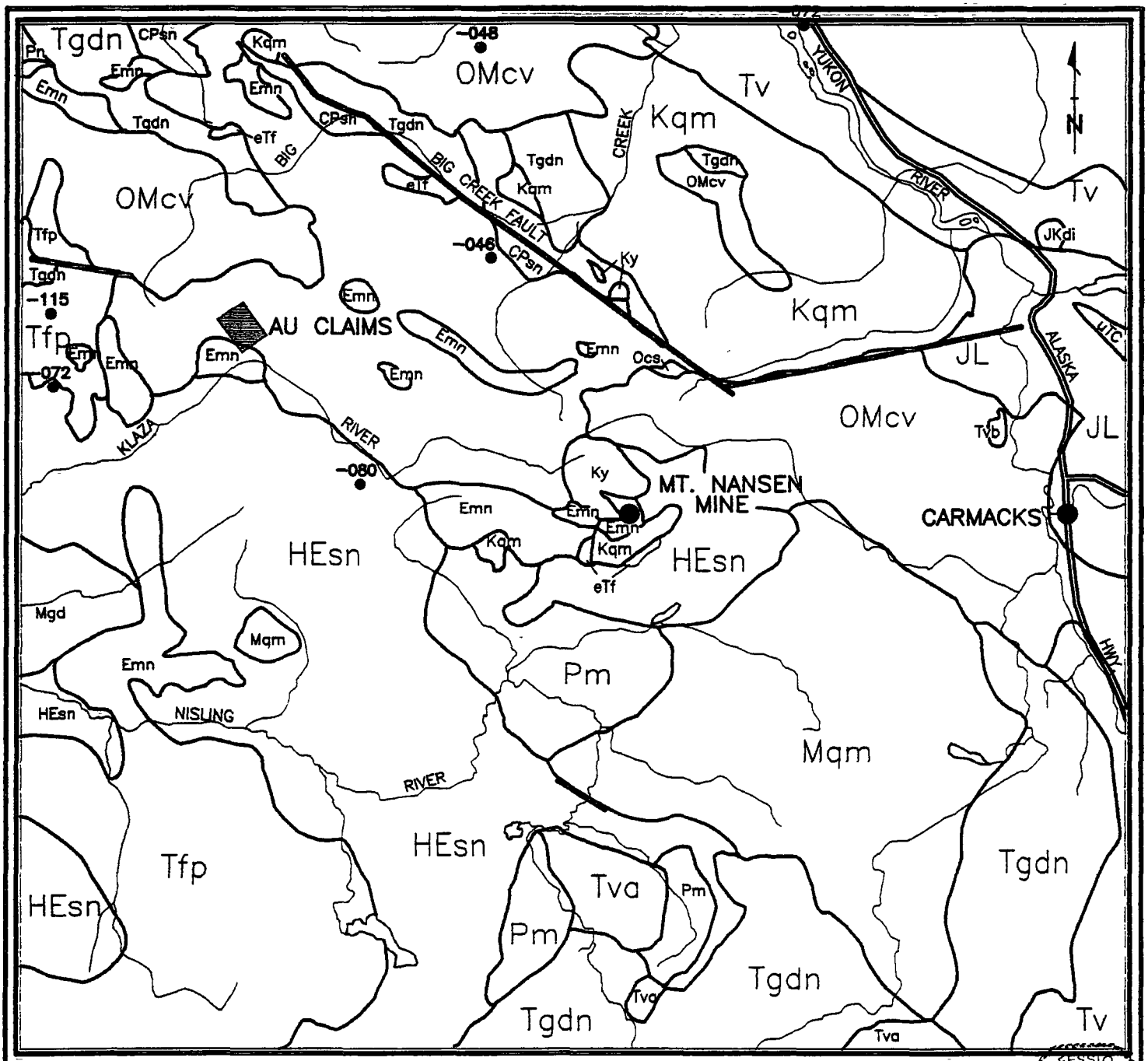
JURASSIC - CRETACEOUS
JL Laberge Group conglomerate
Jkdi Diorite and hornblende diorite

TRIASSIC
Tgdn foliated hornblende granodiorite
uTc Lewis River Group limestone
Tv Lewis River Group basalts

CARBONIFEROUS AND PERMIAN
CPsn Schist and Gneiss

PALEOZOIC
Pm Amphibolite schist and gneiss

CAMBRIAN-HADRYNIAN
HCsn Schist, gneiss, quartzite



LEGEND

- LAKE
- RIVER/CREEK
- HIGHWAY
- FAULT
- -080 PROPERTY

MINEFILE #	PROPERTY
-046	LIL (Au-VEIN)
-048	EDGAR
-072	PHEOBE
-115	TOAST
-080	RICO

Modified after Gabrielse, Templeman-Kluit, Blusson, Campbell, 1977

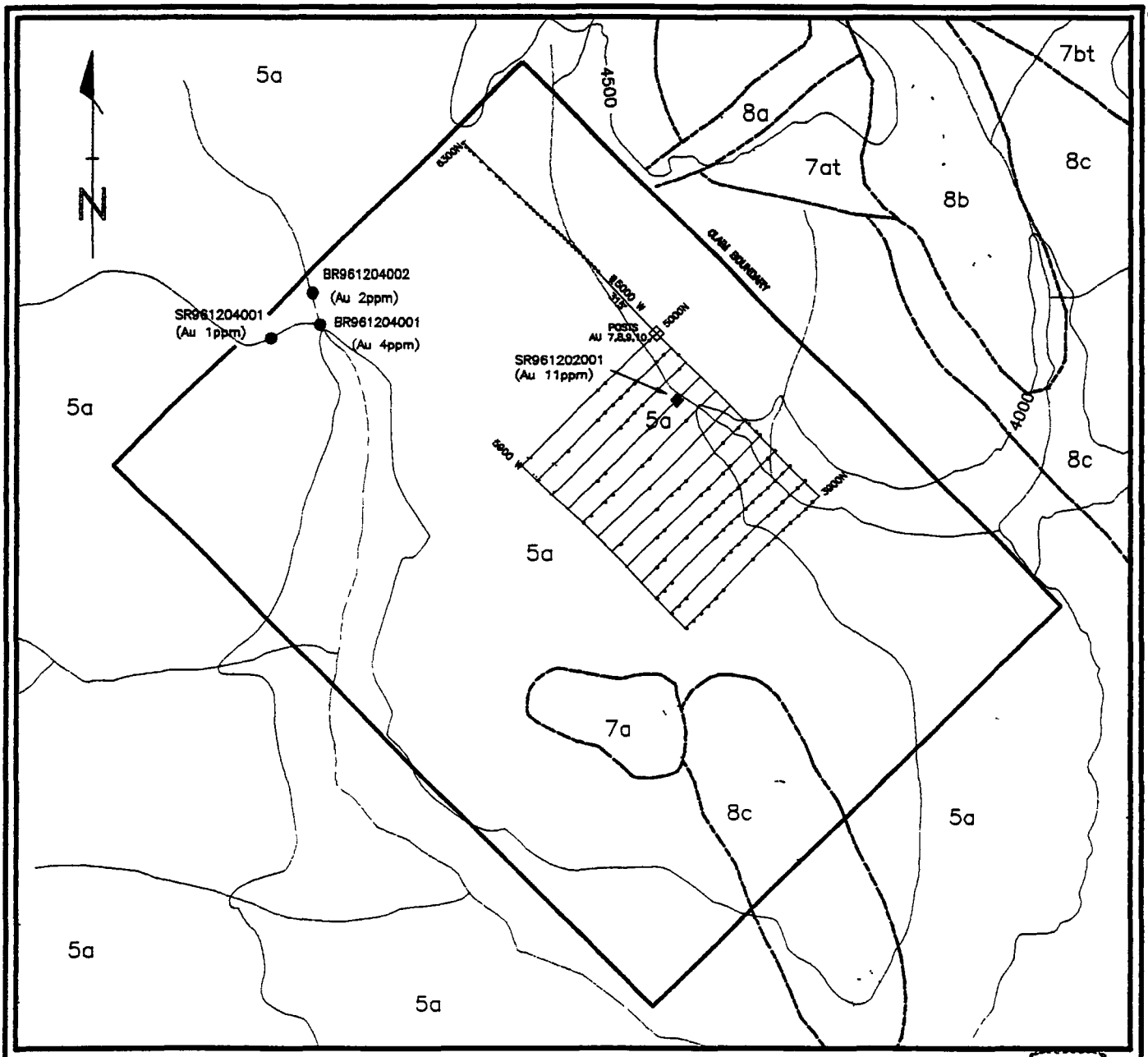
10 5 0 10
KILOMETERES

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
R A DOHERTY

EUGENE CURLEY
AU 1-48
WHITEHORSE MINING DISTRICT, YUKON TERRITORY

REGIONAL GEOLOGY

Aurum Geological Consultants Inc.		date: DECEMBER, 1996	
NTS: 115 I/3	drawn: JC	scale: 1:150000	figure: 3



LEGEND

- CREEK
- 4000 — CONTOUR LINE (500ft INTERVAL)
- 1996 SOIL GEOCHEMICAL GRID
- ● 1996 SILT SAMPLE LOCATION
- ◆ 1996 ROCK SAMPLE LOCATION

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. A. DOHERTY
GEOLOGIST

500 250 0 500
metres

LITHOLOGIES

5a CASINO GRANODIORITE
MT. NANSEN VOLCANICS
7a ANDESITE TO LATITE, MASSIVE FLOWS
7at TUFF AND TUFFACEOUS SEDIMENTS
7at WELDED VITRIC TUFF, TUFFACEOUS SEDIMENTS
BOW CREEK GRANITE
8b FINE GRAINED MIAROLITIC GRANITE
8c FELDSPAR PORPHYRY DYKES

GEOLOGY AFTER CARLSON, 1987

EUGENE CURLEY
AU 1-48
WHITEHORSE MINING DISTRICT

PROPERTY GEOLOGY AND SAMPLE LOCATION

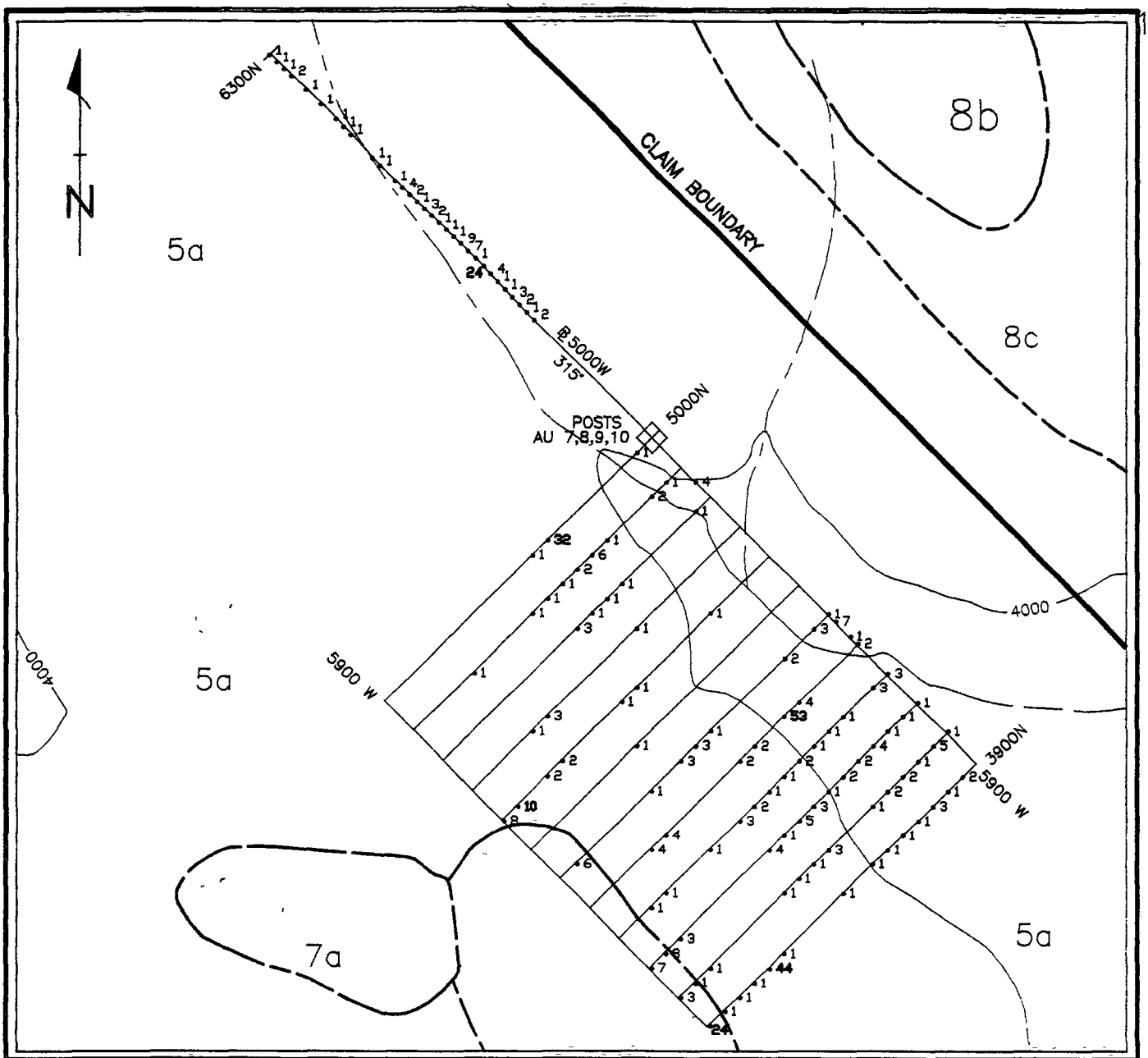
Aurum Geological Consultants Inc.		date: DECEMBER, 1996	
NTS: 105 1/3	drawn: JC	scale: 1:30000	figure: 4

GEOCHEMISTRY

A total of one rock sample, eight silt samples and 126 soil samples were collected from the Au Claims between August 19-23, 1996. All sample locations are shown on Figure 5. Samples were submitted to Acme Analytical Laboratories Ltd., and were analyses using a Gold Fire Assay plus 32 Element ICP package. Analytical Certificates are found in Appendix A.

The samples generally returned background values. The one rock sample SR961201001 returned 11 ppb Au. Five of the soil samples returned values greater than 20 ppb Au with the highest gold analyses from Line 4300N 5250 W which returned 53 ppb Au.

Because the area is well vegetated and there is a thick mantle of White River ash, soil sample results greater that 20 ppb Au should be further investigated.



LEGEND

250 125 0 250
metres

- CREEK
- CONTOUR LINE (500ft INTERVAL)
- 1996 SOIL GEOCHEMICAL GRID (ASSAY RESULT – Au ppb)
- GEOLOGICAL BOUNDARY
- OUTCROP

PROFESSIONAL GEOSCIENTIST — PROVINCE OF BRITISH COLUMBIA — R. A. DOHERTY

LITHOLOGIES

- 5a CASINO GRANODIORITE
  MT. NANSEN VOLCANICS
- 7a ANDESITE TO LATITE, MASSIVE FLOWS
  BOW CREEK GRANITE
- 8b FINE GRAINED MIAROLITIC GRANITE
- 8c FELDSPAR PORPHYRY DYKES

GEOLOGY AFTER CARLSON, 1987

EUGENE CURLEY
AU 1–48
WHITEHORSE MINING DISTRICT, YUKON TERRITORY

GEOCHEMICAL SURVEY RESULTS

Aurum Geological Consultants Inc.		date: DECEMBER, 1996	
NTS: 105 1/3	drawn: JC	scale: 1:15000	figure: 5

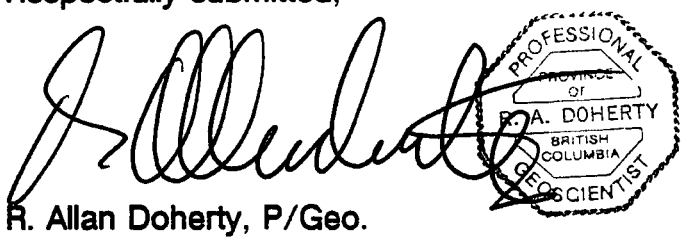
CONCLUSIONS AND RECOMMENDATIONS

The Au 1-48 Claims are underlain by Casino Granodiorite, Bow Creek feldspar porphyry and Mount Nansen Suite volcanics. Rock outcrop is poorly exposed on the property but because the area has not been glaciated felsenmeer and boulder or rock fragments in the soil profile are relatively good indicators of bedrock type.

A total of 14.3 line kilometres of flagged and compass grid was completed over parts of the Au claims and a total of 126 soil, eight silt and one rock sample was collected from the claims.

Results of this work indicated that five soil samples were moderately anomalous in gold with values ranging from 24 to 54 ppp Au. These anomalies should be further investigated.

Respectfully submitted,



R. Allan Doherty, P/Geo.
Aurum Geological Consultants Inc.
December 19, 1996

REFERENCES

Carlson, G.G., 1987. Geology of Mount Nansen (115-I/3) and Stoddart Creek (115-I/6) map areas; Department of Indian and Northern Affairs Canada, Whitehorse, Y.T., Open File 1987-2.

Tempelman-Kluit, D.J., 1984. Geology, Laberge (105E) and Carmacks (115 I), Yukon Territory, Exploration and Geological Services Division, Mineral Resource Directorate, Indian and Northern Affairs, Government of Canada.

Wheeler, J.O. and McFeely, P., (comp), 1991. Tectonic Assemblage Map of the Canadian Cordillera and adjacent parts of the United States of America; Geological Survey of Canada, Map 1712A.

Yukon Minfile, 1992. Northern Cordilleran Mineral Inventory; Exploration and Geological Services, Department of Indian and Northern Affairs, Whitehorse Yukon.

STATEMENT OF QUALIFICATIONS (RAD)

I, R. Allan Doherty, with business address:
Aurum Geological Consultants Inc.
205 - 100 Main Street
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon.

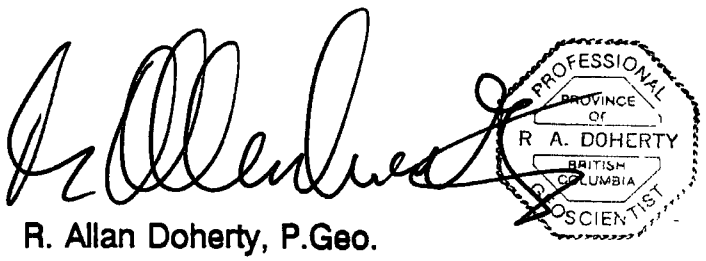
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland (1978-81). I have been involved in geological mapping and mineral exploration continuously since then.

3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564, and of the CIMM.

4. I supervised the 1995 work program and the preparation of this report on the Jack property which is based on data collected between August 19-23, 1996 by Aurum Geological Consultants Inc. and on referenced reports.

5. I have no direct or indirect interests in the properties or securities owned by Mr. Eugene Curley.

6. I consent to the use of this report by Mr. Eugene Curley provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.



December 19, 1996

R. Allan Doherty, P.Geo.

APPENDIX A
GEOCHEMICAL ASSAY REPORTS
Acme Analytical Laboratories Ltd File 96-4156

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Aurum Geological Consultants Inc. PROJECT 12 File # 96-4156 Page 1

P.O. Box 4367, Whitehorse YT Y1A 3T5 Submitted by: Al Doherty

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	Tl ppm	Hg ppm	Au* ppb
SR961201001	2	9	13	60	<.3	5	7	489	2.59	23	<5	<2	9	34	.5	<2	<2	69	.45	.058	14	40	.79	1207	.21	<3	1.39	.13	.58	3	<5	<1	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT P3 TO P6 SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

DATE RECEIVED: AUG 30 1996 DATE REPORT MAILED: Sep 14/96 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 %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au* ppb
BL 5000W 5950N	2	7	6	34	<.3	7	6	238	3.33	5	<5	<2	5	26	<.2	<2	<2	109	.42	.078	18	27	.29	88	.08	<3	.74	.03	.06	<2	<5	<1	1
L4400N 5600W	1	8	4	34	<.3	8	5	207	1.23	3	<5	<2	4	27	<.2	<2	<2	31	.47	.070	16	12	.29	114	.05	<3	.76	.03	.05	<2	<5	<1	1
L4400N 5400W	<1	8	6	33	<.3	6	4	203	1.16	6	<5	<2	3	23	<.2	<2	<2	31	.33	.054	14	9	.25	175	.05	<3	.78	.02	.05	<2	<5	1	1
L4200N 5600W	<1	9	7	37	<.3	7	5	214	1.37	5	<5	<2	4	25	<.2	<2	<2	36	.35	.060	15	14	.27	162	.05	<3	.79	.03	.05	<2	<5	<1	1
RE L4200N 5600W	1	9	7	39	<.3	8	5	222	1.42	5	<5	<2	4	24	<.2	<2	<2	36	.36	.064	16	14	.29	169	.05	<3	.83	.03	.05	<2	<5	<1	5
L3900N 5650W	1	10	8	40	<.3	8	5	220	1.36	4	<5	<2	4	27	<.2	2	<2	32	.38	.062	13	14	.29	154	.05	<3	.84	.03	.07	<2	<5	<1	1
BR961204001	<1	17	9	75	<.3	10	10	491	2.36	3	<5	<2	6	58	.3	<2	<2	58	.75	.079	30	25	.54	404	.07	<3	1.52	.04	.10	<2	<5	<1	4
SR961204001	1	6	4	41	<.3	7	6	301	1.68	2	<5	<2	6	29	<.2	<2	<2	46	.43	.069	20	14	.31	180	.06	<3	.85	.03	.06	<2	<5	<1	<1
SR961204002	1	8	4	43	<.3	7	6	2903	1.71	2	<5	<2	5	36	.2	<2	<2	45	.47	.066	21	24	.33	493	.07	<3	.97	.03	.08	<2	<5	1	2
STANDARD C2/AU-S	21	56	39	131	7.3	72	35	1158	3.81	39	23	7	34	53	20.5	17	16	71	.61	.105	41	58	.94	185	.07	25	2.01	.07	.16	11	<5	1	43

Sample type: SILT. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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	Tl ppm	Hg ppm	Au* ppb
BL 5000W 6300N	1	16	12	46	<.3	13	8	322	2.30	4	<5	<2	4	16	<.2	<2	<2	59	.21	.026	14	19	.52	134	.08	<3	1.84	.03	.07	<2	<5	1	1
BL 5000W 6275N	9	25	10	101	.4	11	14	1189	3.40	<2	8	<2	8	44	.4	3	<2	93	.79	.093	30	29	1.28	385	.10	<3	2.55	.03	.07	<2	<5	1	1
BL 5000W 6250N	4	23	12	90	.3	11	14	865	4.52	<2	<5	<2	9	41	<.2	5	<2	111	.77	.083	25	28	1.25	304	.07	<3	2.91	.02	.08	<2	<5	<1	1
BL 5000W 6225N	1	14	8	52	<.3	14	7	339	2.64	4	<5	<2	7	27	<.2	<2	<2	65	.48	.031	17	23	.67	224	.09	<3	1.79	.02	.08	<2	<5	1	2
BL 5000W 6175N	3	16	12	52	<.3	15	11	491	2.65	2	<5	<2	3	29	<.2	<2	<2	68	.46	.046	19	24	.70	209	.08	<3	1.87	.02	.07	<2	<5	1	1
BL 5000W 6125N	1	17	13	64	<.3	16	12	701	3.74	<2	<5	<2	8	57	<.2	<2	<2	87	.99	.032	14	31	1.02	322	.07	<3	3.45	.04	.12	<2	<5	<1	1
BL 5000W 6075N	<1	15	7	53	<.3	13	9	517	2.85	5	<5	<2	6	31	<.2	<2	<2	75	.51	.029	19	24	.78	231	.10	<3	1.95	.02	.07	<2	<5	1	<1
BL 5000W 6050N	1	14	10	58	<.3	13	9	465	3.22	2	<5	<2	6	31	<.2	<2	<2	87	.52	.030	15	26	.81	168	.11	<3	2.00	.02	.08	<2	<5	1	1
BL 5000W 6025N	2	24	7	62	<.3	13	11	747	2.84	4	<5	<2	2	41	<.2	<2	<2	79	.70	.060	22	21	.61	166	.08	<3	1.57	.02	.07	<2	<5	<1	1
BL 5000W 5925N	1	17	6	92	.6	7	20	1416	5.32	<2	<5	<2	10	30	<.2	3	<2	137	.72	.109	32	25	1.21	360	.17	<3	2.64	.02	.13	<2	<5	<1	1
BL 5000W 5875N	<1	21	16	79	.3	11	12	811	4.30	6	<5	<2	11	46	<.2	2	<2	117	.88	.081	28	25	1.09	288	.16	<3	2.71	.03	.18	<2	<5	1	1
BL 5000W 5850N	1	28	14	76	<.3	22	13	451	4.09	7	<5	<2	7	32	<.2	<2	<2	99	.29	.041	13	30	.81	137	.10	<3	3.36	.02	.09	<2	<5	<1	4
BL 5000W 5825N	<1	21	10	74	<.3	17	12	575	4.08	6	<5	<2	9	29	<.2	<2	<2	105	.43	.042	22	30	1.04	255	.14	<3	3.33	.02	.09	<2	<5	<1	2
BL 5000W 5800N	1	21	7	51	<.3	14	8	443	3.00	5	<5	<2	4	29	<.2	<2	<2	86	.32	.041	13	25	.60	146	.12	<3	2.30	.02	.08	<2	<5	<1	1
BL 5000W 5775N	<1	17	18	71	<.3	15	9	605	4.12	10	<5	<2	6	30	<.2	<2	2	125	.35	.033	14	27	.81	235	.16	<3	2.34	.02	.09	<2	<5	<1	3
BL 5000W 5750N	1	16	11	52	<.3	13	6	356	2.66	7	<5	<2	3	24	<.2	<2	<2	81	.25	.029	16	25	.54	153	.11	<3	2.10	.02	.08	<2	<5	1	2
RE BL 5000W 5750N	1	17	12	55	<.3	13	6	366	2.81	6	<5	<2	3	26	.3	<2	<2	84	.25	.032	17	26	.56	161	.11	<3	2.22	.02	.09	<2	<5	<1	1
BL 5000W 5725N	<1	23	23	72	.4	17	12	615	4.10	6	<5	<2	6	34	.2	<2	<2	101	.48	.062	18	31	.91	180	.12	<3	3.83	.02	.09	<2	<5	<1	1
BL 5000W 5700N	<1	24	12	68	.4	13	12	788	4.20	2	<5	<2	7	44	.2	<2	<2	109	.72	.061	31	33	1.05	475	.08	<3	3.03	.02	.11	<2	<5	<1	1
BL 5000W 5675N	<1	21	13	54	<.3	11	9	608	2.87	<2	<5	<2	6	51	<.2	2	<2	74	.70	.035	19	28	.89	323	.07	<3	2.24	.02	.11	<2	<5	1	1
BL 5000W 5650N	<1	13	14	52	<.3	12	6	323	2.63	6	<5	<2	5	30	.2	<2	<2	74	.37	.020	15	24	.57	143	.11	<3	1.65	.02	.11	<2	<5	<1	9
BL 5000W 5625N	1	16	7	49	<.3	17	8	326	2.70	5	<5	<2	5	23	<.2	<2	<2	66	.34	.033	16	27	.63	142	.11	<3	1.79	.02	.10	<2	<5	1	7
BL 5000W 5600N	<1	12	12	55	<.3	14	6	312	3.05	7	<5	<2	4	25	<.2	<2	<2	80	.31	.026	13	25	.61	112	.12	<3	1.64	.02	.08	<2	<5	<1	1
BL 5000W 5575N	<1	18	8	55	<.3	17	7	356	2.71	8	<5	<2	3	35	<.2	<2	<2	71	.52	.045	23	32	.71	227	.11	<3	1.97	.03	.10	<2	<5	<1	24
BL 5000W 5550N	1	11	11	38	<.3	8	4	224	2.23	8	<5	<2	3	19	<.2	<2	<2	79	.21	.020	11	20	.36	92	.14	<3	1.32	.01	.08	<2	<5	<1	4
BL 5000W 5525N	<1	20	11	50	<.3	15	6	283	2.61	7	<5	<2	4	29	<.2	<2	<2	70	.36	.039	19	26	.59	207	.11	<3	2.02	.02	.08	<2	<5	<1	1
BL 5000W 5500N	1	19	10	53	<.3	16	8	386	2.86	5	<5	<2	5	29	<.2	<2	<2	74	.39	.046	16	27	.71	166	.11	<3	2.36	.02	.08	<2	<5	<1	1
BL 5000W 5475N	<1	16	11	47	<.3	12	8	348	2.90	3	<5	<2	5	26	<.2	<2	<2	74	.34	.052	15	26	.60	165	.11	<3	2.07	.02	.09	<2	<5	<1	3
BL 5000W 5450N	1	22	11	39	<.3	13	6	231	2.89	4	<5	<2	4	26	<.2	2	<2	82	.23	.032	12	33	.49	110	.12	<3	2.55	.02	.08	<2	<5	<1	2
BL 5000W 5425N	1	22	13	59	<.3	20	13	445	3.25	6	<5	<2	6	22	.2	<2	<2	80	.27	.031	15	33	.68	144	.12	<3	2.31	.02	.11	<2	<5	<1	1
BL 5000W 5400N	<1	24	11	52	<.3	17	8	452	3.16	4	<5	<2	5	28	<.2	<2	<2	75	.34	.036	20	32	.63	249	.10	<3	2.63	.02	.09	<2	<5	<1	2
BL 5000W 5375N	<1	21	9	52	<.3	16	9	559	2.95	3	<5	<2	4	32	<.2	<2	<2	74	.51	.070	30	36	.72	282	.08	<3	2.39	.02	.08	<2	<5	<1	7
BL 5000W 5325N	1	17	9	34	<.3	9	5	206	1.84	<2	<5	<2	2	19	<.2	<2	<2	48	.22	.035	11	18	.28	117	.07	<3	1.41	.03	.06	<2	<5	<1	1
BL 5000W 4850N	1	32	14	72	<.3	25	10	640	2.90	7	<5	<2	5	54	<.2	<2	<2	74	.60	.088	24	48	.61	258	.07	<3	1.84	.03	.08	<2	<5	<1	4
STANDARD C2/AU-S	20	60	41	141	7.5	74	36	1223	4.05	37	18	7	36	54	21.0	16	16	75	.56	.107	42	62	1.05	191	.08	27	2.18	.07	.16	10	<5	1	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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	Tl ppm	Hg ppm	Au* ppb
L5000N 5400W	3	31	11	76	<.3	23	14	723	4.34	3	<5	<2	6	25	<.2	<2	<2	82	.29	.077	14	43	.83	145	.13	<3	4.03	.02	.11	<2	<5	<1	1
L5000N 5350W	1	36	12	62	<.3	25	12	388	3.42	8	<5	<2	6	25	<.2	<2	<2	71	.23	.038	15	34	.69	153	.11	<3	3.26	.02	.12	<2	<5	<1	32
L5000N 5050W	4	13	10	50	.3	12	12	619	9.87	24	<5	<2	4	22	<.2	<2	<2	94	.28	.085	20	20	.30	141	.07	<3	1.16	.03	.04	<2	<5	1	<1
L4900N 5700W	2	23	18	80	<.3	18	8	425	3.02	8	<5	<2	6	40	<.2	2	<2	65	.50	.073	18	39	.59	223	.08	3	1.63	.03	.08	<2	<5	<1	1
L4900N 5500W	1	19	10	80	<.3	20	13	708	3.81	6	<5	<2	5	20	<.2	<2	<2	92	.26	.038	16	37	.81	197	.13	<3	2.85	.02	.10	<2	<5	1	1
L4900N 5450W	3	22	14	196	<.3	24	12	427	3.59	8	<5	<2	5	26	.2	<2	<2	78	.35	.048	17	38	.78	203	.13	<3	2.99	.02	.10	<2	<5	<1	1
L4900N 5400W	2	29	12	76	<.3	18	10	471	4.66	10	<5	<2	5	29	<.2	<2	<2	101	.27	.031	12	36	.76	170	.12	<3	2.70	.02	.16	<2	<5	<1	<1
L4900N 5350W	1	18	15	71	<.3	25	15	513	3.36	6	<5	<2	8	20	<.2	<2	<2	74	.24	.055	16	36	.76	149	.08	<3	3.27	.02	.14	<2	<5	<1	2
L4900N 5300W	1	19	8	124	<.3	9	15	865	5.61	<2	<5	<2	11	33	<.2	<2	<2	140	.75	.116	17	29	1.41	579	.21	<3	2.84	.03	.40	<2	<5	<1	6
L4900N 5250W	2	25	20	76	<.3	22	11	572	3.36	12	<5	<2	7	47	<.2	<2	<2	83	.64	.091	24	42	.66	289	.07	<3	1.94	.03	.07	<2	<5	1	1
L4900N 5100W	3	23	15	57	<.3	17	8	344	3.61	8	<5	<2	4	25	<.2	<2	<2	83	.27	.043	14	36	.57	142	.12	<3	2.49	.02	.08	<2	<5	<1	2
L4900N 5050W	2	31	9	54	<.3	11	9	619	5.22	9	<5	<2	<2	44	.3	<2	<2	92	.54	.092	25	24	.38	274	.05	<3	1.49	.04	.07	<2	<5	<1	1
L4800N 5450W	3	17	11	45	<.3	15	7	294	2.91	5	<5	<2	4	19	<.2	<2	<2	80	.23	.026	14	23	.50	149	.12	<3	1.96	.02	.07	<2	<5	<1	3
L4800N 5400W	2	28	14	70	<.3	17	9	448	4.11	8	<5	<2	4	19	<.2	<2	<2	116	.18	.033	12	33	.65	116	.14	<3	2.99	.02	.08	<2	<5	1	1
L4800N 5350W	2	23	19	69	<.3	16	12	586	4.17	4	<5	<2	7	22	<.2	<2	<2	83	.25	.061	15	28	.81	136	.06	<3	3.47	.02	.10	<2	<5	<1	1
L4800N 5300W	2	21	13	71	<.3	16	12	512	4.93	5	<5	<2	7	30	<.2	<2	<2	95	.38	.039	16	30	.84	204	.09	<3	2.73	.02	.13	<2	<5	<1	<1
L4800N 5050W	2	12	8	56	<.3	11	10	794	4.81	6	<5	<2	2	39	<.2	<2	<2	69	.50	.080	17	21	.35	176	.06	<3	1.35	.03	.05	<2	<5	<1	1
RE L4700N 5350W	2	13	6	52	<.3	10	8	777	2.41	5	<5	<2	4	44	<.2	<2	<2	48	.67	.086	21	16	.47	179	.08	<3	1.29	.03	.06	<2	<5	<1	1
L4700N 5700W	2	28	15	70	<.3	18	8	360	2.92	9	<5	<2	5	41	<.2	<2	<2	73	.56	.077	22	37	.59	240	.09	<3	1.68	.03	.07	<2	<5	<1	1
L4700N 5650W	1	32	16	79	<.3	25	13	639	3.28	10	<5	<2	7	51	<.2	3	<2	82	.61	.078	22	47	.70	280	.09	<3	1.91	.04	.10	<2	<5	<1	3
L4700N 5350W	2	14	5	49	<.3	10	8	781	2.43	5	<5	<2	5	45	<.2	<2	<2	48	.65	.088	22	17	.45	187	.08	<3	1.26	.03	.06	<2	<5	<1	1
L4600N 5900W	<1	29	15	71	<.3	21	9	389	3.11	8	<5	<2	7	46	<.2	<2	<2	79	.62	.082	24	46	.71	271	.10	<3	1.83	.03	.10	<2	<5	<1	8
L4600N 5850W	1	11	7	41	<.3	10	4	219	2.01	5	<5	<2	4	28	<.2	<2	<2	53	.42	.070	15	23	.35	151	.07	<3	1.10	.03	.05	<2	<5	<1	10
L4600N 5750W	2	31	21	76	<.3	25	11	725	3.22	11	<5	<2	6	45	<.2	2	<2	79	.54	.077	24	55	.68	294	.08	<3	2.07	.03	.09	<2	<5	<1	2
L4600N 5700W	2	32	16	71	<.3	26	10	550	2.88	8	<5	<2	7	45	.2	<2	<2	73	.59	.072	23	51	.68	381	.09	<3	1.86	.02	.07	<2	<5	<1	2
L4600N 5500W	3	43	11	83	.6	17	14	982	4.90	2	<5	<2	4	25	.3	<2	<2	110	.23	.031	11	29	.61	268	.13	<3	3.19	.02	.11	<2	<5	<1	<1
L4600N 5450W	3	33	14	69	<.3	15	10	491	3.92	6	<5	<2	5	31	<.2	<2	<2	103	.51	.036	16	31	.66	201	.11	<3	2.73	.02	.08	<2	<5	<1	<1
L4600N 5200W	2	19	12	57	<.3	13	7	383	3.09	4	<5	<2	4	37	<.2	<2	<2	55	.44	.054	17	29	.45	241	.06	<3	1.57	.03	.06	<2	<5	<1	<1
L4500N 5550W	3	23	9	55	<.3	13	8	336	2.50	3	<5	<2	5	39	<.2	<2	<2	64	.48	.079	23	24	.53	211	.08	<3	1.51	.03	.06	<2	<5	<1	1
L4400N 5850W	2	25	16	69	<.3	17	8	454	2.56	7	<5	<2	5	40	<.2	<2	<2	71	.55	.081	23	40	.57	264	.07	<3	1.82	.02	.07	<2	<5	<1	6
L4400N 5500W	1	21	11	55	<.3	12	6	313	2.11	2	<5	<2	4	36	.2	<2	<2	45	.42	.051	17	30	.39	256	.07	<3	1.46	.03	.06	<2	<5	<1	3
L4400N 5450W	3	27	13	75	<.3	20	9	400	3.26	8	<5	<2	6	41	.2	<2	<2	71	.56	.079	25	37	.54	243	.08	<3	1.64	.03	.06	<2	<5	<1	3
L4400N 5150W	2	24	17	62	<.3	20	10	1117	2.65	6	<5	<2	3	45	<.2	<2	<2	63	.50	.070	14	36	.54	243	.07	<3	1.82	.03	.06	<2	<5	1	2
L4400N 5050W	2	33	18	75	<.3	29	12	462	3.37	6	<5	<2	6	50	<.2	2	<2	78	.59	.086	24	49	.77	206	.10	<3	2.07	.03	.07	<2	<5	1	3
L4400N 5000W	2	21	18	81	<.3	26	10	527	2.80	7	<5	<2	6	51	<.2	<2	<2	72	.67	.077	20	38	.74	216	.09	<3	2.08	.02	.06	<2	<5	1	1
STANDARD C2/AU-S	19	57	39	135	7.7	73	35	1167	3.90	37	17	7	34	52	20.2	15	15	72	.52	.104	40	63	.98	187	.08	24	2.06	.06	.14	10	<5	1	44

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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	Tl ppm	Hg ppm	Au* ppb
L4300N 5700W	<1	23	16	85	<.3	19	10	468	3.21	13	<5	<2	5	42	<.2	<2	<2	75	.53	.066	15	41	.69	254	.07	<3	2.20	.02	.08	<2	<5	<1	4
L4300N 5650W	1	33	18	81	<.3	28	12	791	3.36	17	<5	<2	8	45	.4	<2	<2	78	.63	.074	24	44	.77	260	.08	<3	2.03	.02	.09	<2	<5	1	4
L4300N 5400W	<1	19	9	55	<.3	15	6	210	2.40	7	<5	<2	3	37	<.2	2	<2	63	.40	.059	10	28	.45	143	.08	<3	1.39	.04	.07	<2	<5	1	2
L4300N 5350W	1	30	17	70	<.3	24	9	578	2.97	13	<5	<2	7	49	.2	2	<2	68	.54	.074	19	47	.69	203	.08	<3	1.85	.03	.09	<2	<5	1	2
L4300N 5250W	1	38	19	84	<.3	31	11	710	3.18	17	<5	<2	8	54	.2	<2	<2	73	.59	.089	21	56	.77	228	.07	<3	1.68	.04	.11	<2	<5	<1	53
L4300N 5200W	1	24	12	58	<.3	18	9	593	2.36	10	<5	<2	6	39	.2	<2	<2	59	.48	.057	18	39	.52	221	.07	<3	1.57	.03	.07	<2	<5	<1	4
L4300N 5000W	<1	19	15	41	<.3	11	6	858	2.18	5	<5	<2	4	42	<.2	<2	<2	46	.40	.078	16	33	.30	363	.03	<3	1.39	.03	.06	<2	<5	<1	2
L4200N 5800W	<1	16	3	38	<.3	7	4	174	1.27	5	<5	<2	3	22	<.2	<2	2	34	.32	.045	15	18	.26	140	.06	<3	1.10	.03	.05	<2	<5	<1	1
L4200N 5750W	<1	16	8	42	<.3	9	4	189	1.67	5	<5	<2	2	24	<.2	<2	<2	43	.35	.062	12	19	.31	151	.06	<3	1.20	.03	.04	<2	<5	<1	1
L4200N 5500W	2	26	17	87	<.3	23	11	430	3.11	13	<5	<2	7	45	.2	<2	<2	75	.62	.078	19	40	.83	222	.09	<3	1.95	.02	.08	<2	<5	<1	3
L4200N 5450W	1	31	23	85	<.3	29	11	418	3.33	14	<5	<2	6	53	<.2	<2	<2	81	.66	.087	20	48	.90	238	.08	<3	2.22	.02	.10	<2	<5	<1	2
L4200N 5400W	1	30	19	71	<.3	23	11	597	2.98	12	<5	<2	7	47	<.2	2	<2	73	.51	.069	21	50	.68	225	.08	<3	1.91	.03	.09	<2	<5	<1	1
L4200N 5350W	<1	25	11	66	<.3	23	11	562	2.83	8	<5	<2	6	46	<.2	2	<2	67	.54	.068	17	44	.66	235	.09	<3	1.88	.03	.09	<2	<5	1	1
L4200N 5300W	1	25	18	68	<.3	21	10	514	2.83	11	<5	<2	8	49	<.2	<2	<2	68	.55	.067	23	44	.62	249	.06	<3	1.81	.03	.08	<2	<5	<1	2
L4200N 5250W	1	23	21	66	<.3	20	9	681	2.63	10	<5	<2	5	47	<.2	<2	<2	62	.49	.073	18	35	.54	236	.05	<3	1.51	.03	.06	<2	<5	1	1
L4200N 5200W	2	15	18	59	<.3	15	8	799	2.10	6	<5	<2	7	42	<.2	<2	<2	53	.43	.070	20	29	.46	233	.04	3	1.27	.03	.06	<2	<5	<1	1
L4200N 5150W	<1	10	14	45	<.3	9	4	235	2.10	9	<5	<2	7	34	<.2	3	<2	45	.28	.057	16	20	.33	126	.04	<3	.95	.03	.08	<2	<5	<1	1
L4200N 5050W	1	14	8	45	<.3	14	10	713	2.26	6	<5	<2	4	25	<.2	<2	2	53	.28	.037	16	30	.50	123	.08	<3	1.53	.03	.07	<2	<5	<1	3
L4200N 5000W	<1	26	14	61	<.3	20	10	450	3.09	11	<5	<2	4	28	.2	<2	<2	70	.29	.071	16	33	.55	181	.06	<3	2.76	.02	.09	<2	<5	<1	3
RE L4200N 5000W	1	28	15	65	<.3	21	10	464	3.25	12	<5	<2	4	30	<.2	<2	2	73	.31	.076	17	37	.57	195	.06	<3	2.91	.02	.09	<2	<5	1	2
L4100N 5900W	<1	18	8	53	<.3	16	7	407	2.59	5	<5	<2	5	35	<.2	<2	<2	64	.52	.075	20	31	.47	192	.07	<3	1.60	.03	.06	<2	<5	1	7
L4100N 5850W	<1	28	11	71	<.3	27	8	432	3.06	9	<5	<2	8	49	<.2	<2	<2	78	.64	.090	25	44	.67	243	.09	<3	1.81	.03	.09	<2	<5	<1	8
L4100N 5800W	1	37	15	83	<.3	23	10	438	4.13	23	<5	<2	6	45	<.2	<2	<2	84	.58	.083	22	50	.62	263	.08	<3	2.15	.03	.08	<2	<5	1	3
L4100N 5500W	<1	25	10	55	<.3	17	13	469	3.35	10	<5	<2	8	28	<.2	<2	<2	80	.35	.033	19	29	.74	200	.08	<3	2.62	.02	.13	<2	<5	<1	4
L4100N 5450W	1	14	11	69	<.3	20	12	528	3.78	11	<5	<2	8	19	<.2	<2	<2	82	.22	.037	14	35	.84	131	.10	<3	3.06	.02	.11	<2	<5	1	1
L4100N 5400W	<1	18	9	52	<.3	17	8	320	2.99	8	<5	<2	3	24	<.2	<2	<2	69	.28	.085	13	23	.50	114	.08	<3	2.20	.02	.07	<2	<5	<1	5
L4100N 5350W	1	15	7	56	<.3	12	7	634	2.88	5	<5	<2	3	27	<.2	<2	<2	79	.29	.060	27	27	.52	295	.10	<3	2.10	.02	.09	<2	<5	<1	3
L4100N 5300W	1	17	15	59	<.3	17	8	355	3.04	11	<5	<2	3	26	<.2	<2	<2	81	.25	.023	11	34	.54	130	.09	<3	1.88	.02	.08	<2	<5	<1	1
L4100N 5250W	<1	25	18	58	<.3	14	7	343	1.77	4	<5	<2	9	38	<.2	3	<2	59	.44	.036	25	36	.48	391	.06	<3	1.60	.02	.07	<2	<5	1	2
L4100N 5200W	1	14	12	54	<.3	17	10	594	2.51	9	<5	<2	3	20	<.2	<2	<2	54	.23	.049	14	24	.47	124	.06	<3	1.65	.02	.09	<2	<5	<1	2
L4100N 5150W	2	22	14	67	<.3	21	10	537	4.01	14	<5	<2	4	25	<.2	<2	<2	95	.23	.065	13	40	.65	165	.10	<3	2.80	.02	.12	<2	<5	<1	4
L4100N 5100W	1	23	21	71	<.3	26	13	566	3.94	12	<5	<2	6	28	<.2	<2	<2	81	.24	.033	15	39	.69	192	.07	<3	3.45	.02	.11	<2	<5	<1	1
L4100N 5050W	1	12	13	44	<.3	13	6	250	2.77	7	<5	<2	3	22	<.2	<2	<2	71	.23	.034	12	29	.49	139	.09	<3	2.04	.02	.08	<2	<5	<1	1
L4100N 5000W	1	19	17	62	<.3	14	10	533	3.26	13	<5	<2	7	33	<.2	<2	<2	87	.21	.041	15	28	.46	130	.05	<3	1.90	.01	.13	<2	<5	1	<1
STANDARD C2/AU-S	20	62	38	132	7.5	74	35	1193	4.14	43	17	7	37	55	20.4	18	16	74	.53	.110	42	67	.99	188	.08	24	2.14	.07	.16	10	<5	2	54

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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	Tl ppm	Hg ppm	Au* ppb
L4000N 5900W	<1	23	12	56	<.3	19	8	491	2.65	7	<5	<2	5	36	.2	<2	<2	65	.51	.077	23	36	.53	221	.06	<3	1.66	.03	.07	<2	<5	1	3
L4000N 5850W	1	22	9	55	<.3	17	7	377	2.53	8	<5	<2	6	40	<.2	<2	<2	63	.52	.080	18	33	.53	179	.07	<3	1.48	.03	.07	<2	<5	<1	1
L4000N 5800W	<1	20	11	63	<.3	19	7	471	2.78	9	<5	<2	4	39	<.2	<2	<2	72	.51	.079	20	36	.55	200	.06	<3	1.64	.02	.08	<2	<5	<1	1
L4000N 5550W	<1	20	13	67	<.3	20	11	494	3.62	11	<5	<2	7	21	<.2	<2	<2	82	.28	.045	15	31	.84	196	.10	<3	2.90	.02	.13	<2	<5	<1	1
L4000N 5500W	<1	16	14	58	<.3	17	9	509	3.95	14	<5	<2	5	30	<.2	<2	<2	93	.30	.041	23	28	.59	185	.10	<3	2.46	.02	.08	<2	<5	1	<1
L4000N 5450W	<1	19	14	60	<.3	21	10	518	2.73	8	<5	<2	4	43	<.2	<2	<2	65	.54	.080	17	40	.72	206	.07	<3	1.93	.04	.09	<2	<5	<1	1
L4000N 5400W	<1	28	17	67	<.3	21	8	380	2.84	12	<5	<2	6	43	.2	<2	<2	62	.53	.079	24	38	.62	208	.06	<3	1.66	.03	.10	<2	<5	<1	3
L4000N 5250W	1	18	14	53	<.3	15	7	617	2.27	12	<5	<2	5	45	.2	<2	<2	49	.48	.084	15	25	.42	233	.04	<3	1.07	.03	.08	<2	<5	<1	<1
L4000N 5200W	1	15	11	42	<.3	13	7	354	2.62	9	<5	<2	3	22	<.2	<2	2	62	.22	.025	13	24	.36	143	.07	<3	1.50	.02	.09	<2	<5	<1	2
L4000N 5150W	2	19	18	70	.3	19	9	357	3.80	12	<5	<2	4	19	.3	<2	<2	95	.12	.026	10	32	.50	120	.06	<3	2.44	.02	.08	<2	<5	1	2
L4000N 5100W	2	20	17	70	<.3	20	11	490	3.23	12	<5	<2	4	24	.3	<2	<2	72	.22	.056	13	31	.59	119	.07	<3	2.34	.02	.09	<2	<5	<1	<1
L4000N 5050W	1	20	12	48	<.3	19	9	291	2.81	11	<5	<2	5	21	.2	<2	<2	65	.23	.038	14	33	.57	128	.08	<3	2.35	.02	.08	<2	<5	<1	5
L4000N 5000W	<1	19	17	64	<.3	20	10	460	4.20	16	<5	<2	4	27	.2	<2	<2	98	.23	.045	12	33	.61	133	.10	<3	2.73	.02	.10	<2	<5	<1	1
L3900N 5900W	1	21	13	49	<.3	14	7	212	3.51	15	<5	<2	6	28	.2	<2	<2	68	.40	.065	23	29	.46	197	.07	<3	1.49	.03	.07	<2	<5	<1	24
L3900N 5850W	<1	25	12	57	<.3	19	9	440	4.03	9	<5	<2	7	35	<.2	2	<2	87	.48	.080	27	44	.57	210	.08	<3	1.72	.03	.09	<2	<5	<1	1
L3900N 5800W	1	19	13	58	<.3	20	11	833	2.91	7	<5	<2	4	38	<.2	<2	<2	70	.48	.074	17	35	.57	197	.06	<3	1.86	.04	.08	<2	<5	<1	1
L3900N 5750W	<1	23	12	54	<.3	15	8	402	2.37	8	<5	<2	2	38	<.2	<2	<2	58	.42	.069	14	34	.44	163	.05	<3	1.50	.04	.08	<2	<5	<1	<1
L3900N 5700W	1	20	13	64	<.3	18	8	553	2.50	12	<5	<2	7	39	.2	<2	<2	60	.50	.073	20	37	.53	238	.07	<3	1.51	.03	.08	<2	<5	<1	44
RE L3900N 5450W	2	20	12	60	<.3	18	7	377	2.39	9	<5	<2	6	42	.2	<2	2	57	.50	.062	16	35	.56	202	.07	<3	1.55	.03	.09	<2	<5	<1	2
L3900N 5450W	1	20	14	62	<.3	17	8	387	2.45	10	<5	<2	5	44	<.2	<2	<2	59	.52	.062	17	35	.59	210	.07	<3	1.64	.03	.09	<2	<5	<1	<1
L3900N 5350W	1	18	18	59	<.3	17	7	566	2.45	11	<5	<2	9	46	.2	2	<2	55	.50	.078	23	38	.52	259	.04	<3	1.41	.02	.08	<2	<5	<1	1
L3900N 5300W	<1	18	17	60	<.3	15	7	320	2.35	10	<5	<2	6	42	.2	2	<2	52	.45	.074	17	32	.49	217	.04	<3	1.35	.02	.07	<2	<5	<1	1
L3900N 5250W	1	18	18	53	<.3	15	8	395	2.49	9	<5	<2	4	39	<.2	<2	<2	57	.36	.075	17	31	.48	204	.03	<3	1.52	.02	.08	<2	<5	1	1
L3900N 5200W	<1	12	8	36	<.3	10	5	214	1.82	4	<5	<2	3	24	<.2	<2	<2	44	.23	.034	13	16	.37	98	.06	<3	1.15	.03	.06	<2	<5	<1	<1
L3900N 5150W	1	10	10	49	<.3	11	6	535	2.61	13	<5	<2	3	17	<.2	<2	<2	73	.16	.042	11	24	.39	111	.08	<3	1.41	.02	.08	<2	<5	<1	3
L3900N 5100W	1	14	11	56	<.3	16	8	347	3.13	12	<5	<2	3	28	.2	<2	<2	80	.26	.018	12	36	.65	149	.10	<3	2.17	.02	.10	<2	<5	<1	<1
L3900N 5050W	1	29	9	37	<.3	9	5	213	2.10	3	<5	<2	<2	31	.3	<2	<2	65	.22	.041	13	16	.17	141	.06	<3	1.00	.02	.06	<2	<5	<1	2
STANDARD C2/AU-S	19	59	39	133	7.6	72	36	1185	4.04	42	19	7	35	54	20.6	18	15	72	.52	.108	41	65	1.01	182	.07	27	2.10	.08	.17	11	<5	2	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

APPENDIX B
Yukon Minfile Occurrences

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Edgar
MINFILE #: 115I 048
MAJOR COMMODITIES:
MINOR COMMODITIES:
TECTONIC ELEMENT: Northern Stikine Terrane
NTS MAP SHEET: 115 I 6
LATITUDE: 62°15'25"N
LONGITUDE: 137°18'38"W
DEPOSIT TYPE: Unknown
STATUS: Anomaly

CLAIMS (PREVIOUS AND CURRENT)

BO

WORK HISTORY

Staked as 96 Bo cl (Y46250) in Dec/69 by Mead Res. L, which conducted geological mapping and grid soil sampling in 1970.

GEOLOGY

Claims are underlain by granodiorite containing roof pendants of Paleozoic? metamorphic rocks intruded by quartz porphyry and rhyolite stocks and dykes. A copper-molybdenum soil anomaly was outlined on the east edge of the claim group.

REFERENCES

MINERAL INDUSTRY REPORT 1969-70, p 76.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Toast
MINFILE #: 115I 115
MAJOR COMMODITIES:
MINOR COMMODITIES:
TECTONIC ELEMENT: Coast Plutonic Complex
NTS MAP SHEET: 115 I 3
LATITUDE: 62°12'01"N
LONGITUDE: 137°29'15"W
DEPOSIT TYPE: Unknown
STATUS: Anomaly

CLAIMS (PREVIOUS AND CURRENT)

TOAST, JAM, BUTTER

WORK HISTORY

Staked as Toast cl (YA95932) in Aug/86 by Chevron Mls L and optioned to Big Creek JV (Big Creek Res L & Rexford Mls L), which performed mapping and geochemical surveys in 1987. E. Curley tied on Jam & Butter cl (YB05975) to the south in Jul/87 and performed geochemical sampling in 1988 and 1990.

GEOLOGY

The Toast claims cover mid Cretaceous biotite-hornblende granodiorite and were staked to cover a gold silt anomaly located by a GSC survey. Results were disappointing and no mineralization was found.

The Jam claims cover the contact between granodiorite to the north, and Mt Nansen andesite to the south. Outcrop is very limited. Heavy mineral concentrates from the creek contained up to 14 000 ppb Au, and a float sample assayed 27.2 g/t Au. The high gold values came from near an area of clay alteration which crosses the creek at the north end of the Jam claims.

REFERENCES

E. CURLEY, Dec/89. Assessment Report #092800 by E. Curley.

YUKON EXPLORATION 1987, p. 271; 1989, p. 171.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Tritop
MINFILE #: 115I 047
MAJOR COMMODITIES:
MINOR COMMODITIES:
TECTONIC ELEMENT: Mt. Nansen volcanics
NTS MAP SHEET: 115 I 3
LATITUDE: 62°14'14"N
LONGITUDE: 137°24'52"W
DEPOSIT TYPE: Unknown
STATUS: Anomaly

CLAIMS (PREVIOUS AND CURRENT)

TRI, TOP

WORK HISTORY

Staked as the Tri and Top cl (Y58467) in Sep/70 by Kennco EL, which performed reconnaissance geochem surveys and geological mapping in 1970 and grid soil sampling in 1971.

GEOLOGY

Soil sampling outlined gold-molybdenum and copper molybdenum anomalies associated with volcanic and pyroclastic rocks of the Lower Cretaceous Mt Nansen Group.

REFERENCES

MINERAL INDUSTRY REPORT 1971 and 72, p. 63.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Pheobe
MINFILE #: 115I 072
MAJOR COMMODITIES:
MINOR COMMODITIES:
TECTONIC ELEMENT: Northern Stikine Terrane
NTS MAP SHEET: 115 I 3
LATITUDE: 62°09'30"N
LONGITUDE: 137°29'21"W
DEPOSIT TYPE: Unknown
STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

ANNA

WORK HISTORY

Staked as the Anna, etc cl (55912) between Oct/46 and May/47 by Bralorne ML.

GEOLOGY

The claims straddle a contact between Klotassin granodiorite and Paleozoic? metasedimentary rocks. Minor garnet-diopside skarn occurs in this vicinity but no mineralization has been reported.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Rico
MINFILE #: 115I 080
MAJOR COMMODITIES:
MINOR COMMODITIES:
TECTONIC ELEMENT: Northern Stikine Terrane
NTS MAP SHEET: 115 I 3
LATITUDE: 62°08'30"N
LONGITUDE: 137°19'21"W
DEPOSIT TYPE: Unknown
STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

RICO, ANN, AX, A

WORK HISTORY

Staked as Rico cl (Y75639) in Jun/73 by AEX 73 Synd (later AEX Mls Corp L) surrounding two Ann cl (Y67236) which were staked in Sep/72 by G.J. Muff and transferred in Apr/74 to R.A. Savidge. AEX carried out soil sampling, prospecting and magnetic surveys in 1973 and 1974 and added A cl (Y79006) in May/74 and Ax cl (Y80601) in Sep/74.

GEOLOGY

The claims were staked over magnetic lows in a wide overburden covered valley that is probably underlain by intrusive rocks. Soil sampling failed to locate any specific areas of interest.

REFERENCES

MINERAL INDUSTRY REPORT 1974, p. 126-127.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Lil
MINFILE #: 115I 046
MAJOR COMMODITIES: Au
MINOR COMMODITIES:
TECTONIC ELEMENT: Northern Stikine Terrane
NTS MAP SHEET: 115 I 3
LATITUDE: 62°12'43"N
LONGITUDE: 137°15'53"W
DEPOSIT TYPE: Vein
STATUS: Showing

CLAIMS (PREVIOUS AND CURRENT)

LIL

WORK HISTORY

Discovered by P.F. Guder in the 1930's. Staked as Lil cl (56778) in Apr/47 by P. Choquette and J. Parent.

GEOLOGY

P.F. Guder is reported to have located gold bearing quartz veins in several localities west of Bow Creek.

REFERENCES

GEOLOGICAL SURVEY OF CANADA Memoir 220, p. 16.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Bow
MINFILE #: 115I 109
MAJOR COMMODITIES:
MINOR COMMODITIES:
TECTONIC ELEMENT: Northern Stikine Terrane
NTS MAP SHEET: 115 I 6
LATITUDE: 62°16'23"N
LONGITUDE: 137°22'10"W
DEPOSIT TYPE: Unknown
STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

KING

WORK HISTORY

Staked as King cl (YA81152) in Dec/83 by Yukon Revenue ML to cover a rumoured gold showing said to have been discovered by prospectors F. Guder and O. King in the 1930's or 1940's.

GEOLOGY

The claims are underlain by Jurassic granodiorite or quartz monzonite.