093522

ASSESSMENT REPORT ON THE MTA 1-6 CLAIMS

Whitehorse Mining District, Yukon

Location: 1. 55 km S of Whitehorse, Yukon
2. NTS 105 D/3
3. Latitude 60° 15' N
Longitude 135° 12' W

Claims: MTA 1 (YB57957-YB57962)

For: Mr. Brian Sauer
S15, C87
Whitehorse, Yukon
Y1A 5W8

By: R. Allan Doherty, P.Geo.
Aurum Geological Consultants Inc.
205-100 Main Street
P.O. Box 4367
Whitehorse Y.T.
Y1A 3T5

January 13, 1997

SUMMARY

The MTA claims consist of 6 contiguous mineral claims located in the Wheaton River area, Yukon. They are accessible by road from Whitehorse. The ground was staked as a gold property in 1996. The staking was initiated when claims covering high-grade gold and silver in quartz veins staked by Noranda in 1985 were allowed to lapse. Noranda had pursued a porphyry Cu-Mo target, within the intrusion.

The property is located at the eastern margin of the Coast Plutonic Complex. Granitoid rocks, of various ages, underlie most of the property and intrude older metasediments. Eocene hypabyssal and volcanic intermediate to felsic rocks, related to the Mt. Skukum Caldera Complex, intrude and overlie all other lithologies.

The 1996 work program included establishing a 1.3 km surveyed base line, followed with soil sampling along 200 meter cross lines, at 100 metre intervals.

A total of 63 soil samples were collected on the grid and analysed for gold plus 31 element ICP analyses at Acme Analytical Laboratories Ltd. Eleven of 63 soil samples returned greater than 25 ppb Au. Many of these samples are also anomalous in Pb, Zn and Ag.

Based on these results, it is recommended that additional soil sampling and back-hoe trenching and detailed geological mapping be completed on the claims. All previous exploration results, particularly the drill data should be compiled.

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INTRODUCTION

This report was prepared at the request of Brian Sauer. Its purpose is to report on the 1996 assessment work completed on the MTA Claims.

The claims are located about 55 kilometres south of Whitehorse, Yukon and are accessible by road.

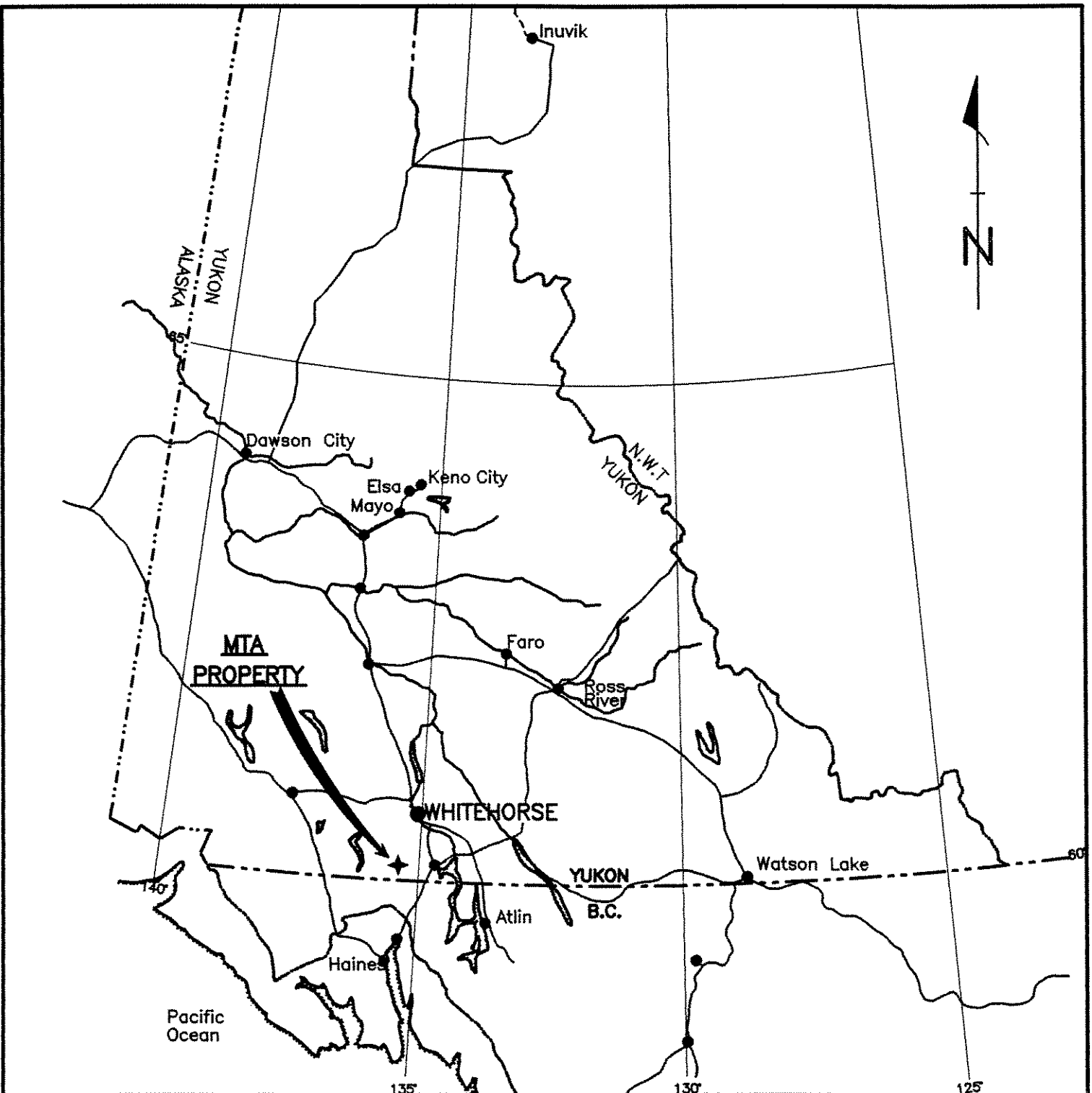
Gold and silver were first sought in the Wheaton River area in the late 1800's. No documentation of exploration work prior to 1985 is available for the ground now covered by the MTA Claims. The ground is considered an attractive exploration target for high grade gold-silver veins.

Exploration programs completed on the property since the claims were staked in 1995 included: prospecting, grid establishment, geological mapping, and geochemical sampling. The cost of the 1996 work program was $4,000.

LOCATION AND ACCESS

The MTA Claims are located in southwestern Yukon, about 55 kilometres south of Whitehorse (Figure 1). The property is centred on the southwest flank of Mt. Anderson at 60° 12' N latitude and 135° 09' W longitude (NTS 105D/3).

Access is by the Annie Lake Road, a good quality gravel road leading from the paved Klondike Highway to the Mount Skukum and Skukum Creek properties. This road follows the south side of the Wheaton River and crosses the northern part of the Rob Claims, a total distance of about 75 kilometres from Whitehorse. Access onto the claims is provided by 4WD roads in the Partridge Creek and Becker Creek valleys.



200 100 0 200

kilometres

BRAIAN SAUER

MTA 1–6

WHITEHORSE MINING DISTRICT, YUKON

PROPERTY LOCATION

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

HISTORY

Considerable prospecting was carried out in the Wheaton River area starting in the early 1900's, culminating in the discovery of numerous occurrences of gold and silver (and related metals). Gold-silver mineralization has been previously located in the vicinity of the Rob Claims at Mt. Anderson (adjoining Rob 6-12 Claims), Gold Hill (eight km north), Tally-Ho (six km northeast), Mt. Wheaton (nine km east) Goddell (seven km southwest), Mt Skukum, and Skukum Creek (17 km west, Figure 3).

In 1981 AGIP Canada Ltd. discovered a gold orebody at Mount Skukum, 16 km west of the Rob Claims. This deposit produced 80,000 ounces of gold from 220,000 tons of ore between March 1986 and August 1988 at which time the mine was closed (Basnett, 1989).

A second potential gold-silver orebody was discovered in 1985 by Omni Resources Inc. at Skukum Creek, seven kilometres southeast of Mount Skukum and 14 kilometres west of the Rob Claims. Reserves are reported at 745,000 tonnes (821,000 tons) grading 7.9 g/t (0.23 opt) gold and 305 g/t (8.9 opt) silver, including 166,000 tonnes (183,000 tons) averaging 19.7 g/t (0.575 opt) gold and 566 g/t (16.5 opt) silver (Omni 1988 Annual Report).

PROPERTY

The property consists of 6 two-post mineral claims (Figure 2) staked under the Yukon Quartz Mining Act totalling approximately 125 hectares (308 acres). Claim data are as follows:

TABLE 1. MTA CLAIM DATA

CLAIM NAME	NUMBER OF CLAIMS	GRANT NO.'S	EXPIRY DATE*
MTA 1-6	6	YA 57957-62	July 12, 2001

* Pending acceptance of assessment filings.

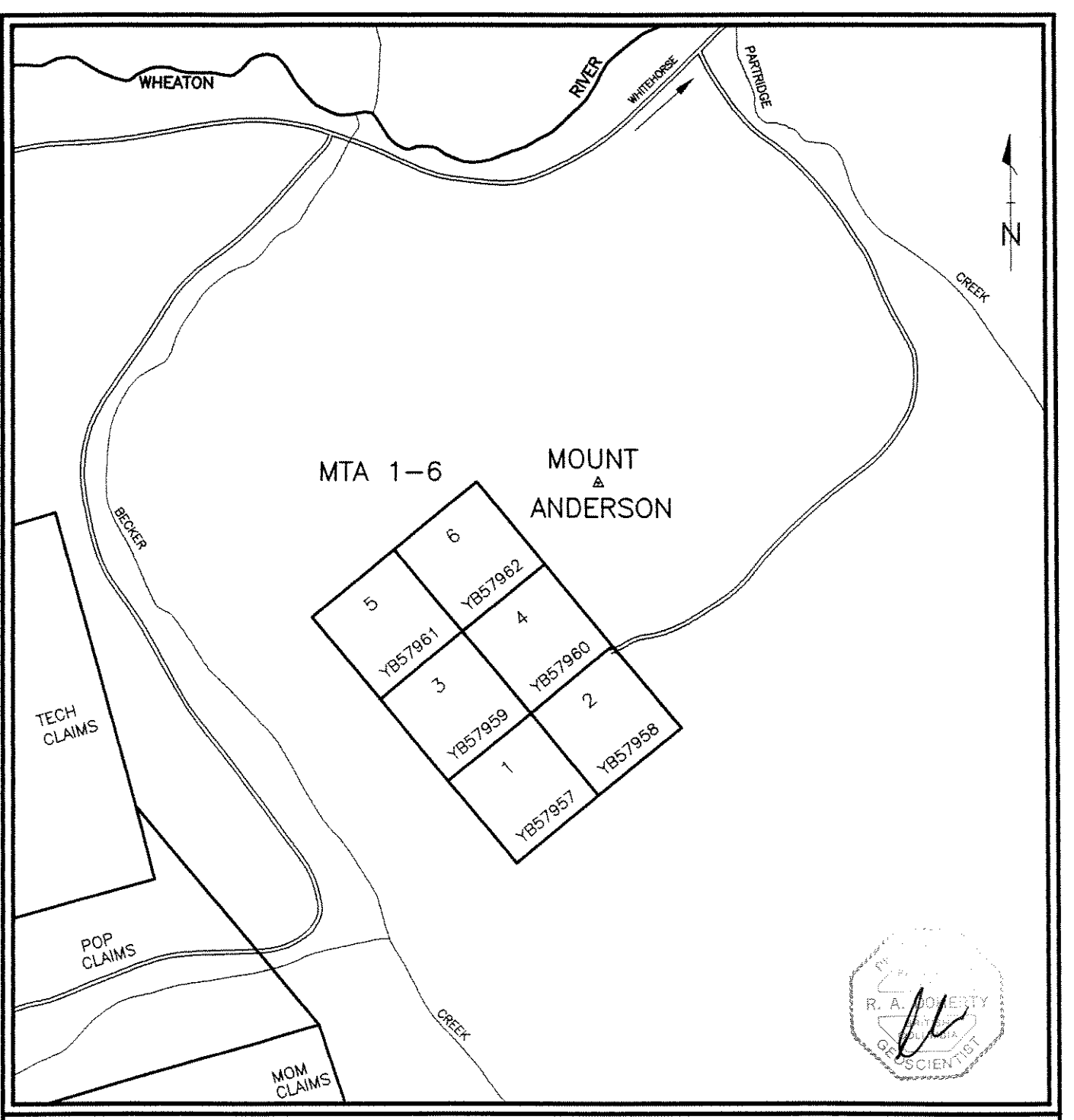
The claims are 100% owned by Brian Sauer. They are shown on Yukon Quartz and Placer Sheet 105 D-3 and are known collectively as the MTA Claims.

CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the MTA Claims is variable with hot summers and long cold winters. Precipitation averages about 150 cm annually, with moderate snowfalls during the winter months.

The property is situated at the eastern flank of the Coast Mountains in an area of moderate to rugged topography. Elevations range from 915 m (3000 ft) to 1720 m (5650 ft) above sea level. The area has been greatly modified by Pleistocene glaciation, and such glacial features as U-shaped valleys, aretes and cirques are common.

Vegetation consists mainly of alpine shrubs and grasses with some stunted spruce and poplar in lower valleys. Ridge tops are typically covered with felsenmeer. The upper southwest flank of Mt. Anderson consists mainly of rock outcrop and talus.



LEGEND

RIVER

CREEK

ROAD

0 250 500 750 1000
meters

BRIAN SAUER

MTA 1–6

WHITEHORSE MINING DISTRICT, YUKON

CLAIM MAP

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

GEOLOGY

Regional Geology and Mineralization

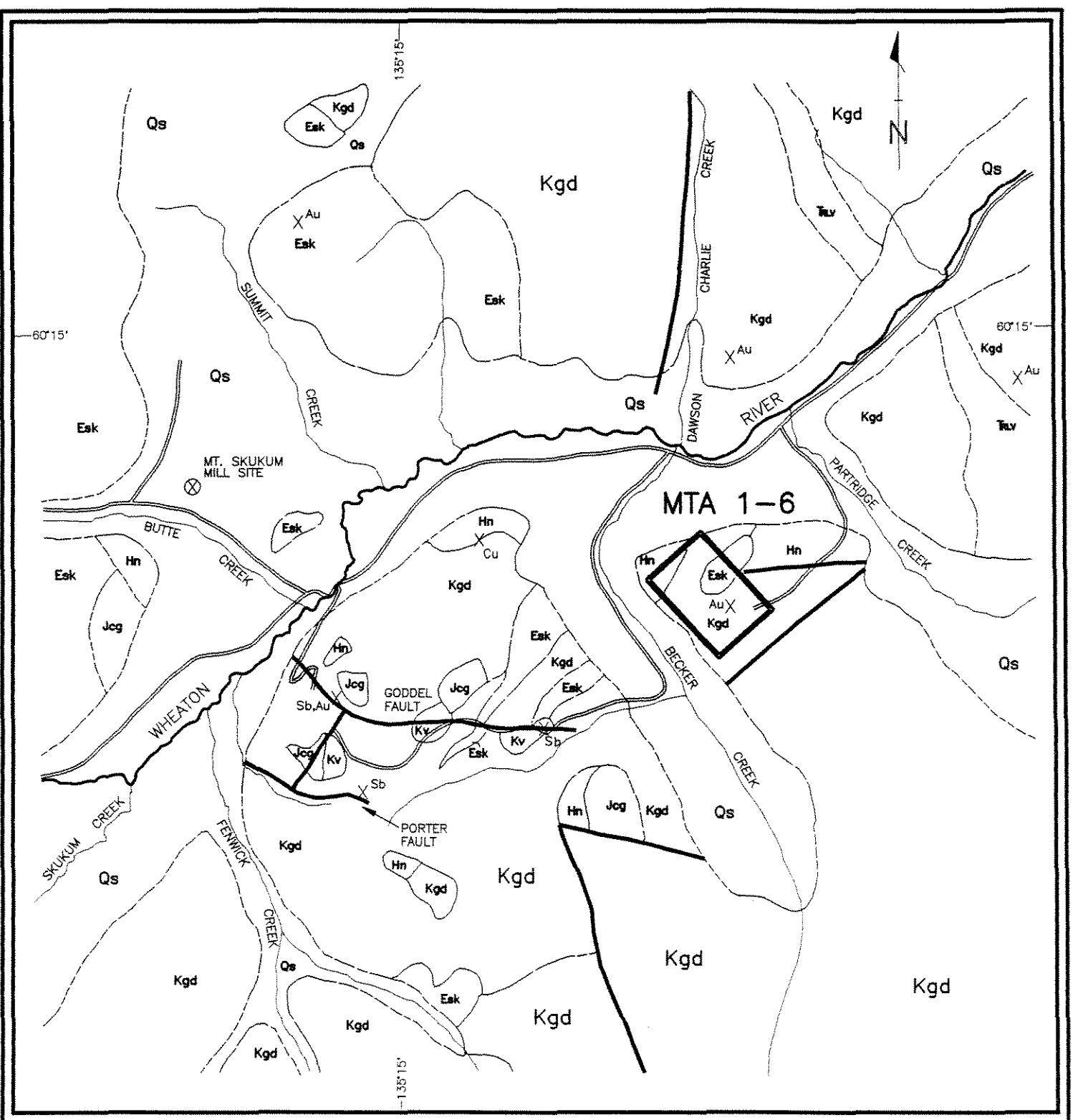
The MTA Claims are situated near the eastern flank of the Coast Plutonic Complex. The regional geology (Figure 3) has been described by Cairnes (1912), Wheeler (1961), Doherty et al. (1988), and Hart et al. (1990).

The Coast Plutonic Complex is composed of foliated and non-foliated granitoid rocks of mid-Jurassic to Tertiary age flanked by older metamorphosed and unmetamorphosed sedimentary and volcanic strata. Granodiorite, granite and quartz diorite are characteristic of the composite plutons. Gabbro and syenite are rare. Over 14 petrologically distinct phases of the Coast Plutonic Complex have been recognized in the Wheaton River area (Doherty et al. 1988). Irregular belts of intrusive, metasedimentary and metavolcanic rocks of the Nisling Terrane form roof pendants in granites of the Coast Plutonic Complex. These metamorphic rocks are believed to be derived from Proterozoic and early Paleozoic depositional material interpreted to have come from the western margin of Ancestral North America.

Subaerial rhyolite to andesite flows and pyroclastics of the Tertiary Skukum Group cut and overlie all older rocks. The Rob Claims are situated near the eastern margin of the Mt. Skukum Caldera Complex, which has been interpreted to represent a paleovolcanic centre (Pride and Clark, 1985).

The Wheaton River District is a geochemically anomalous area. Regional stream sediment surveys conducted by the Geological Survey of Canada (Hornbrook & Fiske 1985) and data collected by exploration companies indicate that the area is, on a regional basis, highly anomalous in Au, Ag, Hg, Sb, and As.

Faulting, lithologic attitudes, and other regional trends are generally northwest, with some younger northeast structures. Most structurally controlled epithermal mineral deposits in the area are associated with pre-existing northeast (030°-050°)and east (100°-115°) trending fault zones now occupied by intermediate to felsic dikes. The Tally-Ho Shear Zone is a major brittle and ductile shear zone that trends 135° and is the locus for a number of mesothermal gold-silver vein occurrences. Gold veins associated with the Tally-Ho Shear Zone have strong Au-Ag-As-Cu-Pb geochemical signatures. Mineralogically these veins contain galena, pyrite, chalcopyrite and rare free gold and tellurides.



LEGEND

LITHOLOGIES

QUATERNARY

- Qs — SURFICIAL DEBRIS

EOCENE

- Esk — ANDESITE AND RHYOLITE

CRETACEOUS

- Kgd — GRANODIORITE
- Kv — ANDESITE

JURASSIC

- Jcg — CONGLOMERATE

TRIASSIC

- Tkv — ANDESITE

PRECAMBRIAN

- Hn — QUARTZITE AND GNEISS

SYMBOLS

- RIVER
- CREEK
- FAULT
- APPROXIMATE LITHOLOGIC CONTACT
- Au — MINERAL OCCURRENCE
- ROAD

0 1 2 3 4 5
kilometres

PROFESSIONAL GEOSCIENTIST — PROVINCE OF YUKON — R. A. DOHERTY

GEOLOGY SIMPLIFIED AFTER DOHERTY et al (1988)

BRIAN SAUER
MTA 1–6
WHITEHORSE MINING DISTRICT, YUKON

REGIONAL GEOLOGY

Aurum Geological Consultants Inc. | date: DECEMBER, 1996
NTS: 105 D/3 | drawn: JC | scale: 1:100,000 | figure: 3

Property Geology

The oldest rocks exposed on the MTA Claims are the Proterozoic to Paleozoic Nisling Assemblage (Figure 4) consisting of foliated quartz-feldspar-biotite gneiss, biotite schists, and marbles (map unit PPNS). They are found as roof pendants in granodiorite over the entire property. Some exposures show evidence of contact metamorphism, including the development of skarn mineral assemblages.

Nisling Assemblage rocks are intruded by, and are in fault contact with, mid-Jurassic Bennett granite (map unit mJBg). This unit consists of leucocratic, medium-grained, equigranular to porphyritic (feldspar megacrysts) granitoid rocks. Based on an overall mineralogy of: feldspar, 60% (% plagioclase > % orthoclase); quartz, 25%; and mafic minerals, 15%, they are most commonly granodiorite. Hornblende usually predominates over biotite, and both are variably chloritized.

Cretaceous granite and granodiorite (Kgd) intrudes all older units and underlies a small portion of the southwest corner of the property. This unit is much more extensive immediately south of the Rob Claims.

Light coloured, locally rusty weathered, rhyolite (map unit Er) intrudes all pre-Tertiary rocks at the western and central parts of the property. Characterized by near-vertical plug-like structures, these rhyolite units are associated with the collapse of the Mt. Skukum Caldera Complex (Doherty et al., 1988). Steeply dipping dikes of a similar composition have been mapped over the entire property. Although sometimes difficult to recognize, wall rock alteration adjacent to the plugs consists of a narrow zone (less than 5 m) of silicification.

Andesitic rocks (map unit Ea) have been mapped as dikes over most of the property, although many are too small to be shown at 1:25,000 scale. They are typically porphyritic with variable propylitic alteration. These dykes may be older than the Tertiary rhyolites.

Dikes, faults, and air photo lineaments mapped to date on the MTA Claims follow a predominant northeast trend, discordant with regional structures, which dominantly trend northwest.

100E 200E 300E 400E 500E 600E 700E 800E 900E

MTA 1-6 CLAIM BOUNDARY

100S 300S 500S 700S 900S 1100S 1300S

60° 12'N

34 51 10 5 7 2 2 2 3

13 3 3 39 13 4 5 5 5

12 12 2 3 7 4 28 27 6

20 57 36 23 14 48 7 8 10

3 3 5 3 15 10 3 12 4

4 2 1 3 30 4 22 29 18

2 4 11 3 20 16 3 14 53

80°

Ead

mKgd

Qv

x x x x

mKgd

80°

Ead

mKgd

Ead

WHIRLWIND WORKINGS

Au,Ag Pb,Zn

Qv

mKgr

Qv

x x x x

℄ Az 320°

135° 09'W

LEGEND

- ANDIT
- CAT TRENCH
- BLAST PIT
- ACCESS ROAD
- CLAIM POST
- CREEK
- FELSENMEER
- FAULT, ASSUMED
- 80° BEDDING
- 11 1996 SOIL SAMPLE ASSAY RESULT Au ppb

LITHOLOGIES

TERTIARY

- Qv QUARTZ VIEN
- Ead ANDESITE DIKE

CRETACEOUS

- mKgr MT. ANDERSON GRANITE
- mKgd GRANODIORITE

R. A. DOHERTY

100 50 0 20 40 60 80 100
metres

BRIAN SAUER
MTA 1-6
WHITEHORSE MINING DISTRICT, YUKON

SOIL GEOCHEMISTRY AND PROPERTY GEOLOGY

Aurum Geological Consultants Inc.	date: DECEMBER, 1996		
NTS: 105 D/3	drawn: JC	scale: 1:5000	figure: 4

MINERALIZATION

Previous exploration in the area of the MTA Claims has identified significant mineral occurrences on adjoining ground (Figure 3 & 4). Mineralization includes: 1) the Whirlwind lead-silver-gold vein where quartz veins associated with rhyolite dikes assay up to 35.3 g/t gold and 148.1 g/t silver over one metre (INAC, 1989); 2) the "Mt. Anderson Occurrence", located on the south side of Mt. Anderson and currently covered by the MTA 1-6 claims, where numerous quartz-sulphide veins have been trenched and diamond-drilled with results up to 69 g/t gold and 1714 g/t silver (INAC, 1987); and 3) Fleming copper skarn (three km west) where long, narrow pods of sulphide-rich skarn contain highly anomalous levels of copper, zinc, silver, and gold (INAC, 1989).

GEOCHEMISTRY

A total of 63 soil samples were collected on a chain and compass grid over the MTA 1-6 Claims. The samples were collected at 100 m intervals along 200 m spaced lines. The samples werew analysed for gold + 30 element ICP by Acme Analytical Laboratories. Analytical reports are found in Appendix A, and the geochemical values for gold are plotted on Figure 4. Eleven of 63 samples returned greater that 25 ppb Au and many of these are also anomalous in Pb, Zn, and Ag. A few soil samples show elevated Mo, Cu, As, Sb and Bi.

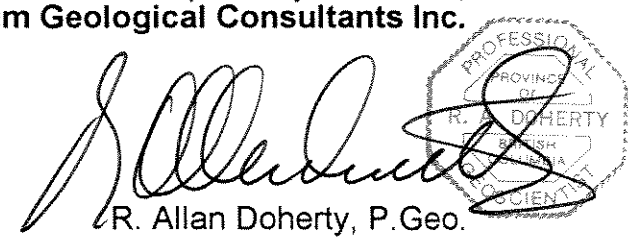
CONCLUSIONS AND RECOMMENDATIONS

The MTA 1-6 Claims are underlain by Paleozoic and older metasediments which have been intruded by mid-Jurassic and Cretaceous granodiorite. All of these rocks have been intruded and overlain by felsic volcanic and hypabyssal lithologies related to the Mt. Skukum Caldera Complex. Steeply dipping block faults cut all rock units.

The property is a gold prospect. Surface soil sampling has produced low garde anomalies in Au, often with Pb, Zn and Ag.

Results of this soil sampling program on the MTA claims indicate that additional sampling and exploration should be completed on the claims.

Respectfully submitted,
Aurum Geological Consultants Inc.



R. Allan Doherty, P.Geo.

January 14, 1997

REFERENCES

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Hart, C.J.R. and J. Radloff, 1990; Geology of Whitehorse, Alligator Lake, Fenwick Creek, Carcross, and part of Robinson Map Areas (105 D/11,6,3,2,& 7). Open File 1990-4 by Aurum Geological Consultants Inc., for DIAND.

Hornbrook, E.H.W. and P. Fiske, 1985: Regional Stream Geochemical survey 105 D, GSC Open File 1812.

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INAC, 1989; Yukon Exploration 1988, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, pp. 46-47.

Pride, M.J. and G.S. Clark, 1985; An Eocene Rb-Sr Isochron for Rhyolite Plugs, Skukum Area, Yukon Territory. C.J.E.S. Vol. 22, pp. 1747-1753.

Wheeler, J.O., 1961; Whitehorse Map-Area, Yukon Territory. 105D. G.S.C. Memoir 312.

STATEMENT OF QUALIFICATIONS

I, R. Allan Doherty, hereby certify that:

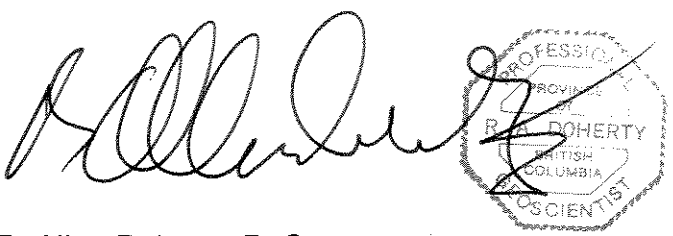
1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon, Y1A 3T5.

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, 1978-80. 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.

4. I am the author of this report based on information collected during property work completed on June 9-11, 1996, and on referenced sources.

6. I consent to the use of this report by Brian Sauer 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.



January 14, 1997

R. Allan Doherty, P. Geo.

STATEMENT OF COSTS

1. FIELD WORK

Bill Kiesman, P.Geo June 9-11, 1996 - 3 days @ $350/day:	$1,050.00
Julius Reuchel, Assistant June 10-11, 1996 - 2 days @ 4250 per day: $500.00	

2. EXPENSES

Analyses:	$831.60
Shipping:	$42.85
Truck rental:	$200.00
Gasoline:	$62.67
Sample Bags, Flagging etc:	$60.00

3. REPORT COSTS

Report writing, drafting, binding:	$1,000.00
SUB-TOTAL:	$3,747.12
GST (7% 0f $3747.12):	$262.30
TOTAL ASSESSMENT CREDITS	**$4,009.42**

APPENDIX A

ACME ANALYTICAL LABORATORIES LTD
File # 96-2219

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 30 File # 96-2219 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	Au* ppb
BK3006100S100E	3	97	1454	496	3.9	8	23	2444	3.69	83	<5	<2	16	44	19.9	5	<2	52	.86	.065	33	13	.87	343	.02	3	2.37	.01	.19	<2	34
BK3006100S200E	11	136	2049	1812	8.9	7	16	1175	4.44	723	<5	<2	19	22	56.1	37	23	45	.52	.094	34	9	1.14	296	<.01	<3	1.78	.01	.16	<2	51
BK3006100S300E	3	32	419	508	2.0	11	12	1474	3.39	79	<5	<2	6	47	7.5	6	5	66	.42	.098	23	18	.83	345	.01	<3	2.75	.01	.11	<2	10
BK3006100S400E	2	30	273	312	1.8	10	11	1334	3.01	40	<5	<2	2	64	8.3	5	5	60	.58	.097	24	18	.77	269	.03	<3	2.38	.01	.09	<2	5
BK3006300S100E	40	39	1114	1051	2.9	5	17	992	4.53	36	<5	<2	18	71	24.4	3	5	72	.91	.099	25	12	1.27	80	.13	<3	2.33	.02	.10	<2	13
BK3006300S200E	2	29	210	178	.7	7	11	859	2.98	15	<5	<2	15	70	4.2	2	3	67	1.20	.084	25	19	1.16	67	.11	<3	2.36	.02	.11	<2	3
BK3006300S300E	1	32	277	302	.9	13	12	831	3.19	33	<5	<2	8	53	7.1	2	7	69	.73	.085	23	29	.99	131	.09	<3	2.03	.02	.13	<2	5
BK3006300S400E	1	22	150	230	.7	13	9	752	3.05	29	<5	<2	2	43	8.7	2	4	59	.45	.053	17	24	.78	175	.08	3	1.74	.01	.15	<2	39
BK3006500S100E	2	26	271	230	.9	13	11	749	3.01	11	<5	<2	10	53	7.4	<2	5	64	.88	.080	20	22	.99	171	.11	3	1.83	.02	.12	<2	12
BK3006500S200E	7	38	1480	744	3.6	13	15	1008	3.89	10	<5	<2	14	45	15.0	<2	3	72	.80	.096	23	31	1.48	188	.12	3	2.11	.02	.14	<2	12
BK3006500S300E	1	26	158	215	.4	8	9	866	2.43	17	<5	<2	4	62	4.6	2	4	47	.96	.106	16	16	.80	299	.06	4	1.56	.02	.13	<2	2
BK3006500S400E	1	19	76	124	.3	13	8	631	2.84	25	<5	<2	3	32	2.5	<2	2	55	.51	.073	15	23	.85	172	.08	<3	1.73	.02	.13	<2	3
RE BK3006500S400E	1	19	71	121	<.3	11	8	618	2.79	25	<5	<2	3	31	2.3	3	4	54	.50	.074	16	23	.84	175	.08	<3	1.69	.02	.13	<2	2
BK3006700S100E	1	50	44	89	.7	11	12	1000	2.98	5	<5	<2	11	58	.8	<2	2	60	.72	.063	22	17	1.11	509	.05	3	2.25	.01	.12	<2	20
BK3006700S200E	1	28	93	130	.7	2	10	1255	2.98	6	<5	<2	15	88	2.8	2	<2	47	2.14	.075	28	7	1.01	397	.04	6	2.17	.01	.17	<2	57
BK3006700S300E	1	21	73	107	.3	6	10	1256	2.63	5	<5	<2	7	78	1.0	<2	4	50	1.23	.073	19	11	.84	375	.06	<3	2.24	.01	.23	<2	36
BK3006700S400E	1	76	40	82	.9	10	11	1001	2.83	6	<5	<2	9	60	1.2	<2	<2	49	1.18	.085	31	14	.93	551	.03	3	2.31	.01	.14	<2	23
BK3006900S100E	1	33	17	75	<.3	4	9	751	2.69	2	<5	<2	4	39	.2	<2	3	52	.62	.072	14	12	.97	377	.03	<3	1.92	.01	.10	<2	3
BK3006900S200E	3	102	14	26	1.6	4	3	493	.89	<2	<5	<2	2	96	1.0	2	<2	12	2.47	.186	31	5	.18	863	.01	5	.87	.01	.06	<2	3
BK3006900S300E	3	134	34	73	1.9	7	7	764	1.67	7	<5	<2	3	50	.9	4	<2	29	1.31	.145	51	9	.44	1032	.01	<3	2.22	.02	.11	<2	5
BK3006900S400E	2	52	21	89	<.3	7	9	657	2.76	3	<5	<2	5	31	.6	<2	<2	48	.53	.046	17	13	.97	438	.02	<3	1.83	.01	.10	<2	3
BK30061100S100E	3	121	32	72	1.0	5	10	958	2.83	<2	<5	<2	15	47	.4	<2	2	55	.84	.049	64	16	.72	650	.02	<3	2.72	.01	.09	<2	4
BK30061100S200E	3	28	24	54	<.3	7	9	607	2.66	2	<5	<2	6	28	.3	<2	<2	55	.35	.016	13	13	.88	325	.04	<3	1.72	.01	.09	<2	2
BK30061100S300E	3	32	15	48	<.3	4	7	2331	1.08	<2	<5	<2	<2	35	2.5	2	<2	19	.65	.080	11	6	.26	479	.02	<3	.91	.03	.06	<2	1
BK30061100S400E	5	113	29	103	.5	6	10	2427	2.46	2	<5	<2	5	40	.5	<2	3	47	.59	.196	24	14	.75	812	.01	<3	3.11	.01	.11	<2	3
BK30061300S100E	1	23	14	71	<.3	4	10	1185	2.72	<2	<5	<2	7	44	.2	<2	2	49	.77	.110	21	11	1.19	349	.02	<3	1.94	.01	.07	4	2
BK30061300S200E	1	22	15	64	<.3	18	12	1194	2.82	4	<5	<2	<2	44	.4	2	5	51	.58	.065	12	30	.95	325	.04	<3	1.73	.01	.11	<2	4
BK30061300S300E	3	36	27	64	<.3	11	8	425	2.97	10	<5	<2	5	25	.5	2	<2	53	.27	.036	14	21	.71	479	.02	<3	2.08	.01	.11	<2	11
BK30061300S400E	2	20	14	46	<.3	5	5	327	1.70	2	<5	<2	<2	23	.7	<2	<2	31	.22	.104	8	9	.34	416	.01	<3	1.15	.01	.08	<2	3
JR3006100S500E	1	16	98	150	<.3	10	7	743	2.47	18	<5	<2	<2	44	2.5	2	4	42	.37	.069	13	18	.56	115	.01	<3	2.08	.01	.07	<2	7
JR3006100S600E	1	32	173	354	2.8	4	9	1084	2.52	31	<5	<2	4	37	2.1	4	13	33	.55	.065	25	8	.38	93	<.01	<3	1.98	<.01	.09	<2	2
JR3006100S700E	1	21	50	140	<.3	5	8	1551	2.79	22	<5	<2	<2	84	1.7	2	4	44	.39	.112	17	14	.56	148	.03	<3	1.88	.01	.09	<2	2
JR3006100S800E	2	25	47	121	<.3	6	9	1678	2.89	36	<5	<2	2	33	.8	<2	<2	39	.22	.111	19	13	.50	350	<.01	<3	2.72	.01	.08	<2	2
JR3006100S900E	1	40	35	153	<.3	25	15	833	4.15	29	<5	<2	7	23	<.2	2	2	82	.25	.029	33	49	1.43	154	.10	<3	2.88	.01	.18	<2	3
STANDARD C2/AU-S	19	54	37	140	6.1	69	34	1169	3.87	40	19	7	34	51	19.4	14	19	69	.54	.091	39	63	.97	203	.08	27	1.99	.06	.14	11	52

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 13 1996 **DATE REPORT MAILED:** June 20/96 **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	Au* ppb
JR3006300S500E	3	35	259	367	1.3	12	14	757	3.18	581	<5	<2	4	35	6.1	5	2	53	.31	.068	22	22	.78	157	.02	<3	2.25	.01	.08	<2	13
JR3006300S600E	1	28	63	163	<.3	10	8	663	2.89	97	<5	<2	<2	29	2.1	<2	4	52	.24	.110	20	20	.69	182	.01	<3	2.40	.01	.08	<2	4
JR3006300S700E	1	30	71	125	.3	13	7	561	2.81	38	<5	<2	4	30	1.0	2	2	55	.28	.033	20	22	.72	108	.05	<3	1.89	.01	.09	<2	5
JR3006300S800E	1	34	71	119	.3	13	10	805	3.07	34	<5	<2	3	31	1.4	<2	2	65	.34	.047	24	29	.88	147	.08	<3	2.17	.01	.10	<2	5
JR3006300S900E	1	38	40	144	<.3	19	10	816	3.28	47	<5	<2	<2	25	1.2	2	4	57	.29	.085	16	34	1.18	114	.06	<3	2.43	.01	.13	<2	5
JR3006500S500E	1	25	57	124	.7	17	8	472	3.12	31	<5	<2	2	29	2.5	3	<2	58	.30	.056	19	31	.78	144	.07	<3	1.97	.02	.14	<2	7
JR3006500S600E	2	33	196	228	1.9	13	6	413	3.03	116	<5	<2	<2	21	2.7	5	8	47	.24	.065	19	25	.68	130	.04	3	1.58	.01	.11	<2	4
JR3006500S700E	1	31	78	139	<.3	15	9	661	2.74	39	<5	<2	5	28	1.7	2	3	52	.33	.031	23	26	.78	117	.05	3	1.73	.01	.07	<2	28
JR3006500S800E	1	23	26	92	<.3	15	6	425	2.95	28	<5	<2	3	26	1.2	<2	<2	57	.34	.057	17	30	.82	82	.09	4	1.83	.01	.10	<2	27
JR3006500S900E	2	44	40	97	<.3	16	11	587	3.40	83	<5	<2	2	29	.4	119	<2	68	.36	.073	17	25	.91	156	.08	3	2.42	.02	.16	<2	6
JR3006700S500E	1	19	63	102	.5	12	11	620	3.34	13	<5	<2	4	47	1.4	<2	2	72	.57	.052	24	22	1.13	193	.10	<3	2.90	.02	.08	<2	14
JR3006700S600E	2	19	74	141	.6	14	10	1040	3.04	12	<5	<2	<2	42	2.7	2	3	62	.47	.098	28	23	.88	198	.06	<3	2.58	.02	.09	<2	48
JR3006700S700E	2	16	68	121	<.3	11	11	1884	3.20	6	<5	<2	<2	30	2.0	<2	3	62	.24	.074	19	22	.67	223	.05	5	2.40	.01	.09	<2	7
JR3006700S800E	2	14	31	75	<.3	9	8	549	3.15	6	<5	<2	2	23	.9	<2	2	58	.21	.047	15	18	.84	160	.04	3	1.89	.01	.09	<2	8
JR3006700S900E	1	31	19	84	<.3	11	9	693	2.97	3	<5	<2	3	23	.5	2	<2	56	.26	.064	20	18	1.00	136	.05	<3	2.00	.01	.08	<2	10
RE JR3006700S900E	1	31	16	89	<.3	11	11	735	3.17	5	<5	<2	2	24	.9	3	3	61	.28	.070	20	21	1.06	150	.06	<3	2.14	.01	.09	<2	8
JR3006900S500E	2	80	38	83	.8	7	12	930	3.05	7	<5	<2	7	32	.5	2	5	51	.34	.069	29	14	1.07	364	.03	4	1.96	.01	.10	<2	15
JR3006900S600E	1	74	17	76	.3	10	12	775	3.13	6	<5	<2	10	43	.6	2	<2	62	.62	.096	24	17	1.22	277	.09	<3	2.39	.01	.09	2	10
JR3006900S700E	1	36	24	78	<.3	10	9	686	2.99	8	<5	<2	<2	27	.4	<2	3	59	.31	.077	20	17	1.04	234	.04	3	2.15	.01	.08	<2	3
JR3006900S800E	1	23	28	68	<.3	11	10	536	3.25	7	<5	<2	<2	28	.5	<2	2	58	.28	.069	21	23	.94	202	.05	<3	2.39	.01	.09	<2	12
JR3006900S900E	2	59	49	154	.7	19	12	814	3.88	29	<5	<2	2	26	.9	2	4	76	.29	.099	28	35	1.04	392	.05	5	3.97	.02	.14	<2	4
JR30061100S500E	1	63	17	64	1.1	8	10	650	2.94	<2	<5	<2	7	41	<.2	<2	<2	60	.55	.059	20	15	1.10	265	.07	3	2.51	.01	.08	<2	30
JR30061100S600E	2	24	13	71	<.3	7	12	989	3.01	<2	<5	<2	10	29	<.2	<2	<2	50	.51	.090	21	16	1.33	291	.03	3	1.83	.01	.10	<2	4
JR30061100S700E	3	29	66	130	.6	5	11	912	3.17	<2	<5	<2	6	39	4.7	<2	<2	57	.38	.038	21	10	1.23	651	.01	<3	3.21	.01	.07	<2	22
JR30061100S800E	2	25	249	111	.8	7	16	1299	3.75	10	6	<2	4	47	.9	<2	2	63	.42	.091	32	16	1.01	371	.03	3	3.37	.01	.09	<2	29
JR30061100S900E	1	28	36	89	.4	12	12	692	3.51	3	<5	<2	<2	46	.4	2	<2	69	.42	.083	22	21	1.17	221	.07	<3	2.61	.01	.07	<2	18
JR30061300S500E	1	53	14	73	<.3	8	13	1138	3.33	<2	<5	<2	13	38	<.2	<2	2	58	.55	.068	30	12	1.39	613	.02	<3	2.91	.01	.11	<2	20
JR30061300S600E	2	40	11	66	<.3	10	10	733	3.15	7	<5	<2	9	51	<.2	<2	4	62	.61	.076	22	15	1.19	332	.06	<3	2.63	.01	.09	<2	16
JR30061300S700E	2	30	19	80	<.3	15	10	599	3.46	3	<5	<2	7	34	<.2	<2	<2	68	.31	.049	21	25	1.00	336	.07	<3	2.93	.01	.15	<2	3
JR30061300S800E	3	25	260	105	.4	9	10	1677	3.19	10	<5	<2	<2	28	1.4	<2	<2	60	.15	.107	14	18	.66	288	.02	<3	2.25	.01	.08	<2	14
JR30061300S900E	2	21	78	103	<.3	7	12	720	3.49	7	<5	<2	2	31	.7	<2	<2	63	.28	.057	16	16	1.10	146	.05	<3	2.20	.01	.07	<2	53
STANDARD C2/AU-S	20	56	44	141	6.2	70	35	1170	3.95	42	17	7	34	52	19.4	15	19	71	.53	.092	39	63	1.00	199	.08	32	2.04	.06	.14	11	52

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