YEIP
96-045
1996

AURUM GEOLOGICAL CONSULTANTS INC.

SUMMARY REPORT ON THE DDH CLAIMS

Whitehorse Mining District, Yukon

YMIP Contribution Agreement 96-45

Location:
1. 65 km NE of Whitehorse, Yukon
2. NTS 105 E/7
3. Latitude 61° 17' N
   Longitude 134° 48' W

Claims: DDH 1-16 (YB67058-073)

For:
Brian Sauer
P.O Box 4367
Whitehorse, Yukon
Y1A 3T5

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

July 5, 1996

SUMMARY

Mr. Brian Sauer's DDH claims consist of 16 contiguous mineral claims located east of Lake Laberge, Yukon, within NTS map area 105E-7. Miller Lake and eastern flowing Miller Creek are just north of the property and drain into the Teslin River. The claims are accessible by helicopter from Whitehorse. The Livingstone Trail is a winter trail, which is at times passable during dry summer periods, passes approximately ten kilometres south of the claims. The ground was explored using a YMIP Prospectors grant. The target area was chosen because the area had been investigated for porphyry copper-molybdenum in 1971-72 but at that time, none of the samples were analyzed for gold.

The property is located within the northern Stikine Terrane. An alkaline acid intrusion of Jurassic age (C. Hart, pers. comm., 1996) intrudes early-middle Jurassic Tanglefoot Formation sedimentary rocks. The Teslin Crossing Pluton is a composite of several phases including syenite, monzonite and granodiorite.

United Keno Exploration, in joint venture with, United Keno Mines, Falconbridge and Canadian Superior, discovered and staked the TUV 1-24 claims during a regional reconnaissance program (Pangman and VanTassel, 1972). Work programs on the TUV Claims in 1972 consisted of mapping, soil and rock sampling and limited hand trenching.

The initial 1996 work program included 28 man days of prospecting, mapping and sampling by a crew of four. In total 86 rock samples, 25 soil samples and one silt sample were collected and analyzed for gold plus 30 element ICP at Acme Analytical Laboratories Ltd. The 1996 prospecting work confirmed that the Jurassic Teslin Crossing Pluton is alkaline and hosts porphyry Cu-Au style mineralization. The intrusion is multiphase, ranging in composition from plagioclase hornblende porphyry, granodiorite, granite, monzonite, biotite syenite and leucosyenite. The intrusion is fractured and hosts a number of brecciated phases. Pyrite, chalcopyrite, malachite and azurite are found on fracture surfaces and associated with magnetite disseminations and veins over a large portion of the intrusion. Regional magnetic survey data shows a broad magnetic high over the area of the intrusion. Grab rock samples over a 2.5 km long ridge have returned anomalous gold, copper, and silver values in the range expected for this deposit model. The intrusive age, lithology and chemistry, combined with the alteration and rock geochemical results indicate that the Teslin Crossing Pluton has potential to host porphyry Cu-Au mineralization.

It is recommended that additional claims be staked to cover most of the magnetic anomaly and the intrusion. This should be followed by detailed grid mapping and soil and rock sampling. After an initial sampling program, consideration should be given to back-hoe trenching and detailed magnetic and IP geophysical surveys.

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INTRODUCTION

This report was prepared at the request of Brian Sauer. Its purpose is to summarize the economic potential of the DDH Claims through a description of exploration data acquired during the 1996 field season and a compilation of previous results. The claims are located about 65 kilometres north-east of Whitehorse, Yukon and are accessible by helicopter.

Exploration programs completed on the property during 1996 have included: prospecting, geological mapping, and geochemical sampling. After the initial prospecting program was completed, sixteen quartz claims were staked to cover the area showing the best surface mineralization.

The cost of the 1996 work program (prior to staking the DDH 1-16 claims) was $10,048.24. The crew that completed the 1996 prospecting work in the area was supervised by Brian Sauer, an experienced prospector. One crew member, Julius Reuchel, is a third year geology student from University of Alaska at Fairbanks. Michel Tetrault and Stephanie Ross also worked on the project.

The author has not visited the property but is familiar with the local geology and recommended that Mr. Sauer prospect this target area.

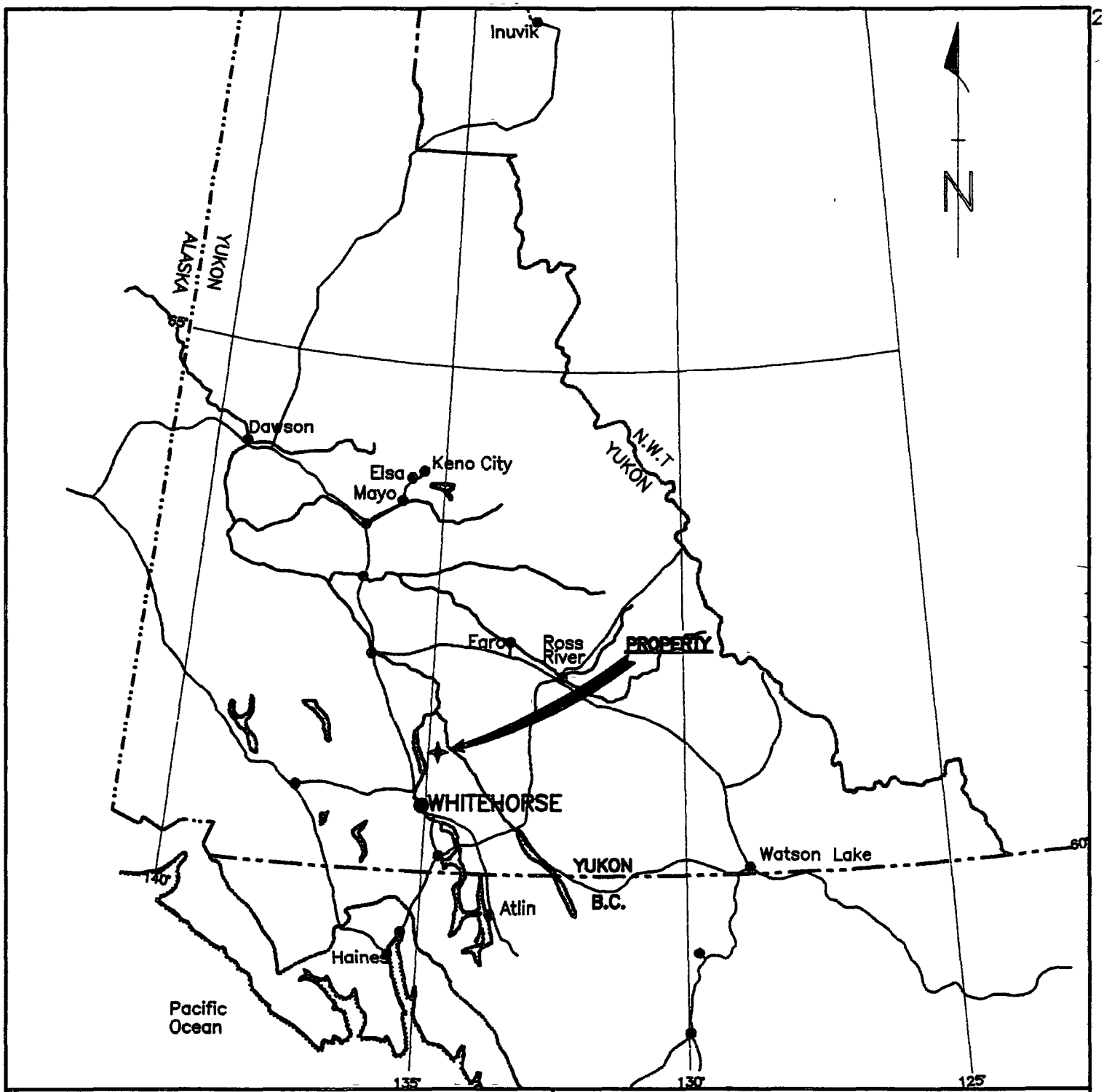
LOCATION AND ACCESS

The DDH Claims are located in south-western Yukon, about 65 kilometres north-east of Whitehorse (Figure 1). The property is centred on 61° 17' N latitude and 134° 48' W longitude within NTS map area 105E/7. Creeks draining the property flow north and east into the Teslin River which is approximately five kilometres east of the property.

Access is by helicopter from Whitehorse, or when passable during the dry mid-summer period from the Livingstone Trail. Alternately the claims could be accessed by boat from the Teslin River. Access from either the Livingstone Trail or the Teslin River would require an ATV trail.

HISTORY

Considerable prospecting and placer gold mining was carried out in the Livingstone Creek area east of the property since 1898. Copper-silver-molybdenum mineralization was first reported by United Keno Exploration in 1971 after anomalous copper and molybdenum in stream silts were found during a regional sampling program conducted by United Keno Hill Mines Ltd. Other activity in the area consisted of two claim blocks staked by Dupont (15 km SE and 10 km SW) during a regional gold exploration program in the early 1980's. The area of the DDH claims has seen no activity since 1972.



BRIAN SAURER

DDH 1–16

WHITEHORSE MINING DISTRICT

PROPERTY LOCATION MAP

Aurum Geological Consultants Inc.			date JUNE, 1996
NTS. 105 E/7	drawn: JC	scale, 1:6,000,000	figure 1

PROPERTY

The property consists of 16 two-post mineral claims (Figure 2) staked under the Yukon Quartz Mining Act totalling approximately 334.4 hectares (825.60 acres). The claims were staked on June 3 and 4, 1996 after the initial prospecting work was completed. The Claims were registered at the Whitehorse Mining Recorders on June 7, 1996. At the same time the claims were grouped for assessment purposes. There are no other claims in the area. Claim data are as follows:

TABLE I - CLAIM DATA

CLAIM NAME	GRANT NUMBERS	RECORDING DATE	EXPIRY DATE
DDH 1-16	YB67058-073	June 7, 1996	June 7, 1997

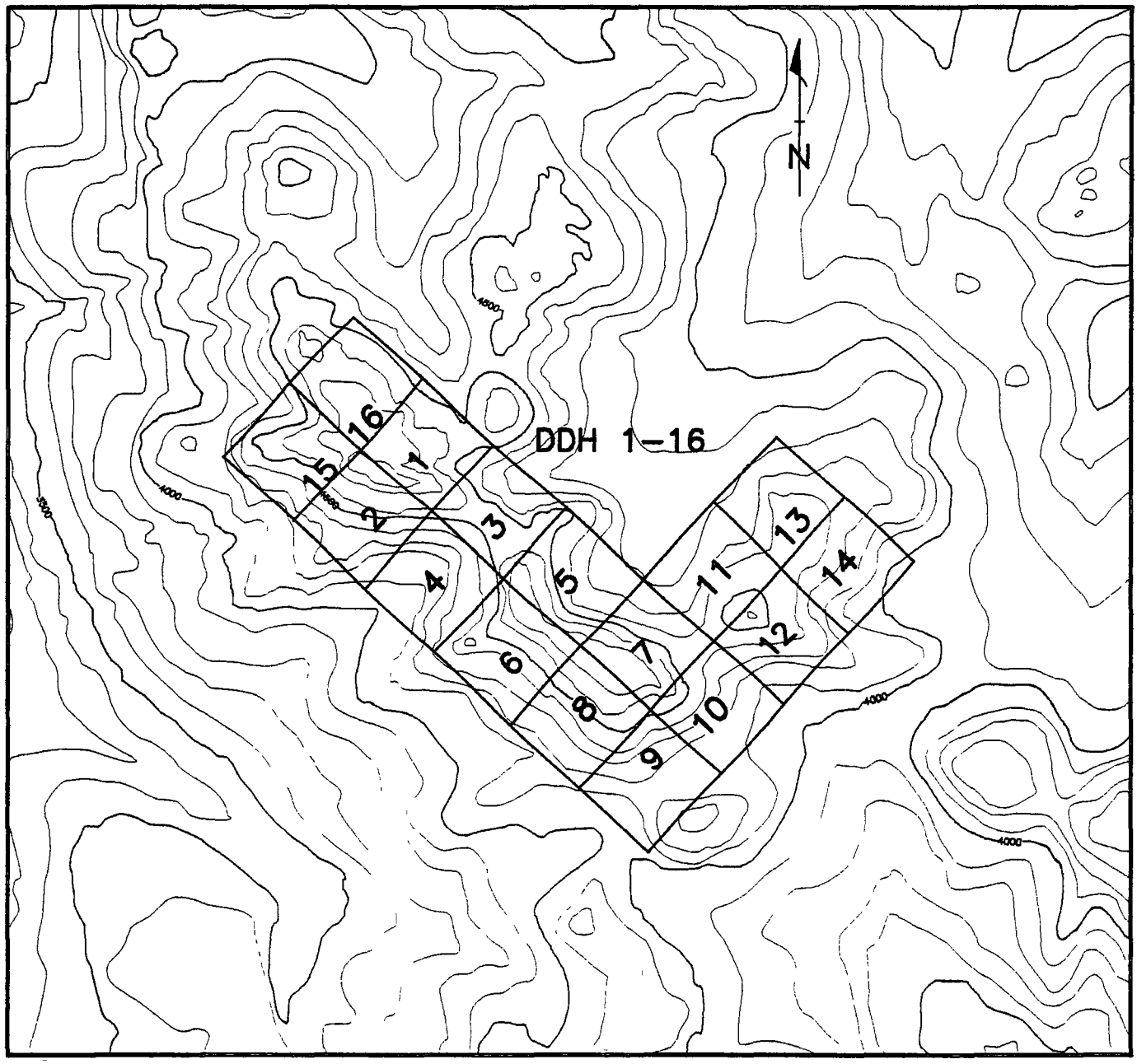
The claims are jointly owned by Brian Sauer and Mr. Allan Doherty. They are shown on Yukon Quartz and Placer Sheet 105 E/7 and are known collectively as the DDH Claims.

CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the DDH Claims is variable with hot summers and long cold winters. Total precipitation averages about 30 cm annually, with moderate snowfalls during the winter months.

The property is situated east of Lake Laberge within the Lewis Plateau physiographic region, in an area of moderate to rugged topography. Elevations within the claim block range from 1220 m (4000 ft) to 1485 m (4867 ft) above sea level. The area has been greatly modified by Pleistocene glaciation, and glacial features such as U-shaped valleys and till moraines are common.

Vegetation consists mainly of alder, willow and black spruce. Ridge tops are typically covered with felsenmeer. Outcrop on the property averages about 10% with good exposures on the ridge tops and sparse exposure in lower areas. There is a large swampy area to the east of the DDH claims.



LEGEND

1000 500 0 1000
metres

9 CLAIM

LAKE

CREEK

4000 CONTOUR LINE
100 ft INTERVALS

BRIAN SAUER			
DDH 1-16 WHITEHORSE MINING DISTRICT			
CLAIM MAP			
Aurum Geological Consultants Inc		date: JUNE, 1995	
NTS 105 E/7	drawn: JC	scale 1:30000	figure. 2

FJ 5/96

GEOLOGY

Regional Geology and Mineralization

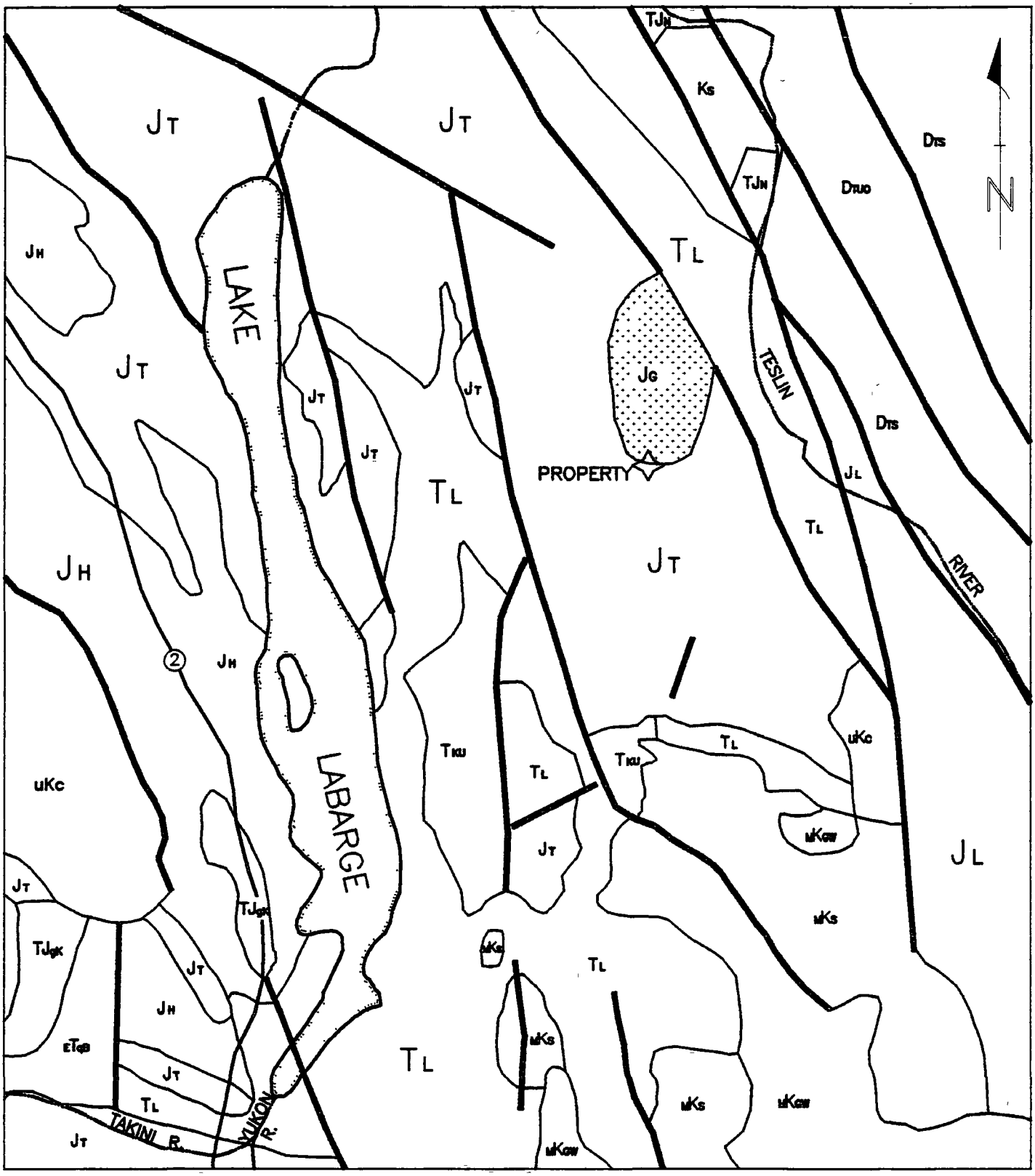
The DDH Claims are situated in Northern Stikine Terrane near the eastern flank of the Coast Plutonic Complex. The regional geology (Figure 3) has been described by Bostock and Lees, (1938), Tempelman-Kluit, (1984), and Wheeler and McFeely, (1991). At this latitude Stikine Terrane comprises upper Triassic volcanic arc rocks and arc derived sedimentary rocks of the Lewis River Group and Middle Jurassic arc derived sedimentary rocks of the Laberge Group. The Stikine Terrane rocks are bound on the east by the Teslin Suture zone and to the west by the Coast Plutonic Complex. The Upper Triassic Lewes River Group comprises a lowermost augite porphyritic basalt sequence, unconformably overlain by a limestone member with intercalated argillite, greywacke and mudstones. Characteristically these upper members are red in colour. The Laberge Group consists of a coarse polymictic cobble and boulder conglomerate, siltstones and argillite. The Tantalus conglomerate is an overlap assemblage that contains minor coal seams.

Compositional variability are characteristic of the composite plutons intruding the Lewes River Group. The Teslin Crossing Pluton is anomalous in that it has syenitic phases which are uncommon in this area of the Yukon. Also the age (Jurassic) and chemistry (alkaline) separate it from other plutons in the region. Faulting, lithologic attitudes, and other regional trends are generally north-west, with some younger north-east structures.

Property Geology

The oldest rocks exposed on the DDH Claims are the early-middle Jurassic Tanglefoot Formation (JT), which is a dominantly gritty coarse grained arkose and feldspathic sandstone, granite pebble conglomerate and brown shale. Parts of the Tanglefoot Formation may be Tantalus Formation (C. Hart, pers. comm. 1996). The Tanglefoot Formation is intruded by a Jurassic granite, monzonite and syenite (Jg) of the Teslin Crossing pluton. This stock has yielded K-Ar isochrons from hornblende and biotite ranging from 173 Ma to 186 Ma (Tempelman-Kluit, 1984). Bedding in the area has a gentle easterly dip.

The Teslin Crossing Pluton shows great variation in both composition and grain size. Keno Hill geologists have mapped a plagioclase and/or hornblende porphyry marginal phase to the intrusion and late plagioclase hornblende porphyry dykes. The area of known mineralization is within fine to medium grained biotite syenite, monzonite and granite. There are numerous rafts and inclusions of mafic schlieren and xenoliths within this phase of the pluton. Brecciation is common and consists of crackle breccia infilled with calcite and dolomite, the breccias are commonly limonitized. Magnetite pods and veins are common throughout the intrusion. Quartz veins are less common.



LEGEND

LAKE

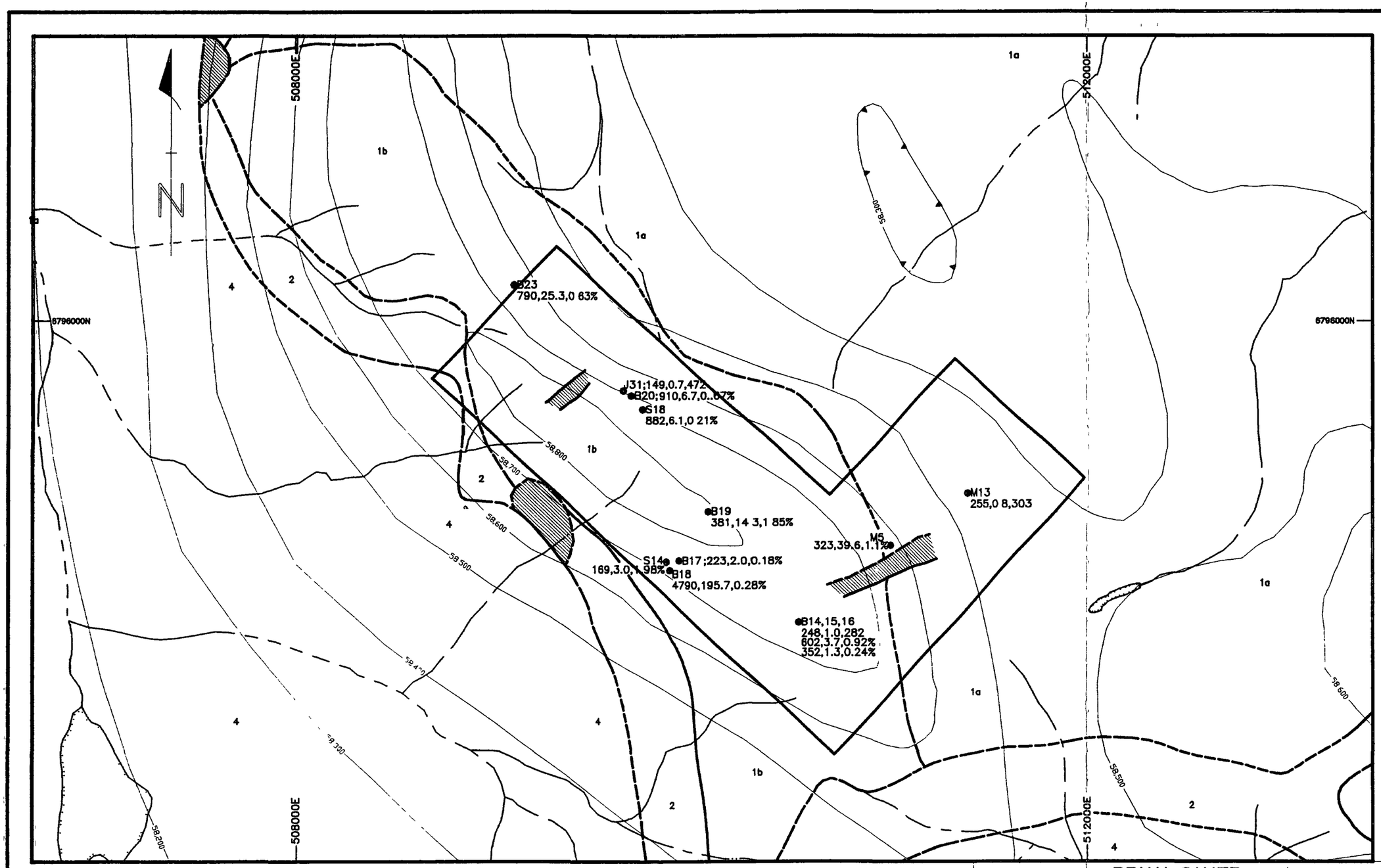
RIVER

FAULT

BRIAN SAUER
DDH CLAIMS
WHITEHORSE MINING DISTRICT

REGIONAL GEOLOGY

Aurum Geological Consultants Inc. Date JUNE 996



LEGEND

- 1a LEUCOSYENITE AND SYENITE, LEUCOMONZONITE, GRANODIORITE (MEDIUM TO COARSE GRAINED)
- 1b HORNBLENDE/BIOTITE SYENITE, MONZONITE AND GRANITE (FINE TO MEDIUM GRAINED)
- 2 PLAGIOCLASE AND/OR HORNBLENDE PORPHYRY
- 3 ORTHOCLASE AND/OR ORTHOCLASE–HORNBLENDE PORPHYRY
- 4 LABARGE GROUP SEDIMENTS

GEOLOGY AFTER VAN TASSELL, 1973

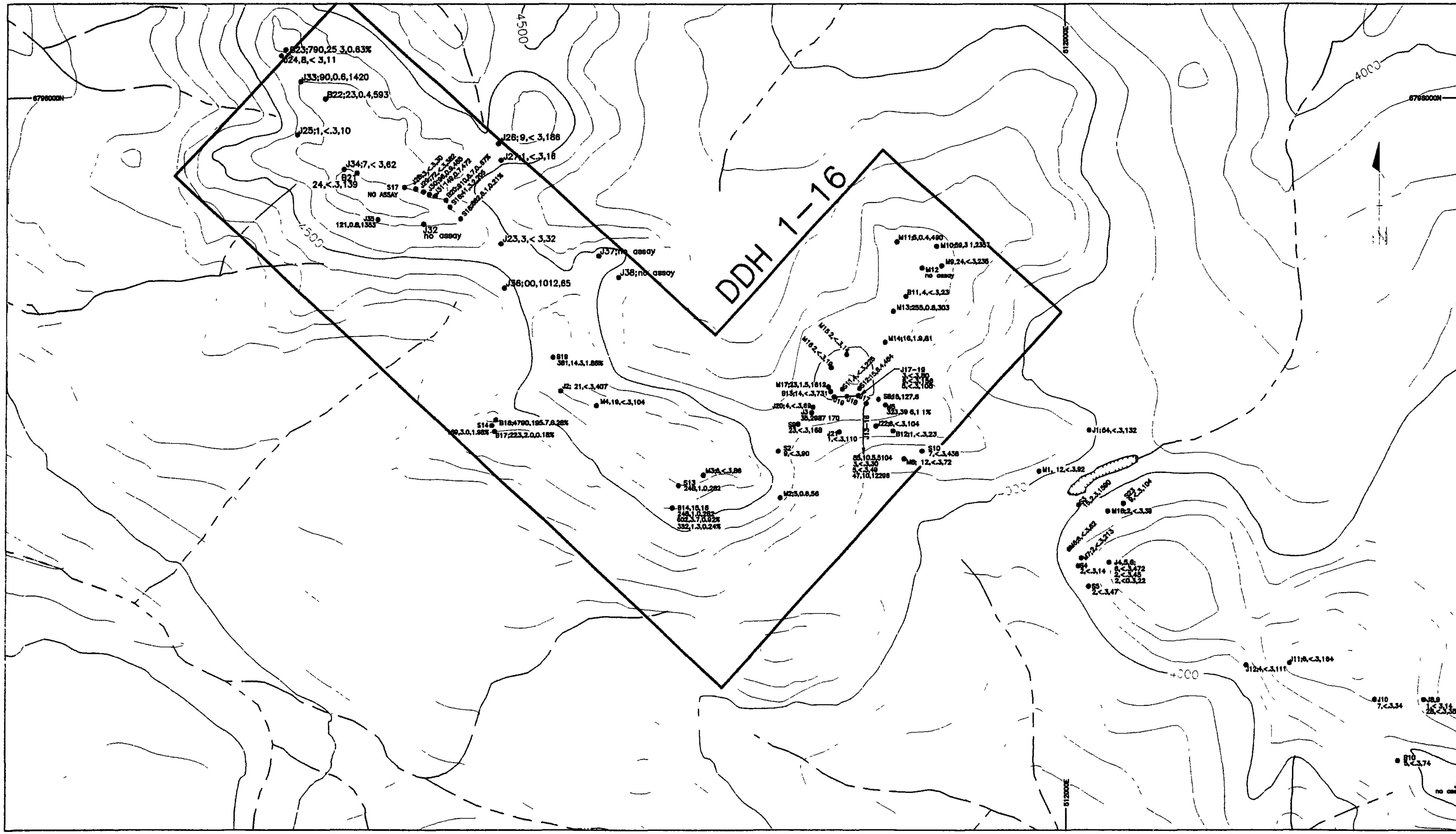
- CREEK
- LAKE
- 58 300 ISOMAGNETIC CONTOUR LINE (ABSOLUTE TOTAL FIELD IN GAMMAS)
- GEOLOGICAL CONTACT

●M13 255,0.8,303 ROCK SAMPLE LOCATION Au(ppb), Ag(ppm), Cu(ppm) UNLESS OTHERWISE SHOWN

BRIAN SAUER
DDH 1–16
WHITEHORSE MINING DISTRICT

PROPERTY GEOLOGY, MAGNETICS, AND ANOMALOUS ROCK GEOCHEMISTRY

Aurum Geological Consultants Inc		Date JUNE, 1996	
NTS 105 E/7	Drawn JC	Scale 1:20000	Figure 4



LEGEND

CREEK

LAKE

CONTOUR INTERVAL (500ft)

CONTOUR INTERVAL (100ft)

● J27,1,<.3,18 ROCK SAMPLE LOCATION
Au(ppb), Ag(ppm), Cu(ppm)
UNLESS OTHERWISE SHOWN

BRIAN SAUER

DDH 1–16

WHITEHORSE MINING DISTRICT, YUKON TERRITORY

ROCK GEOCHEMISTRY
Au, Ag, Cu

Aurum Geological Consultants Inc | Date JUNE 1996

MINERALIZATION

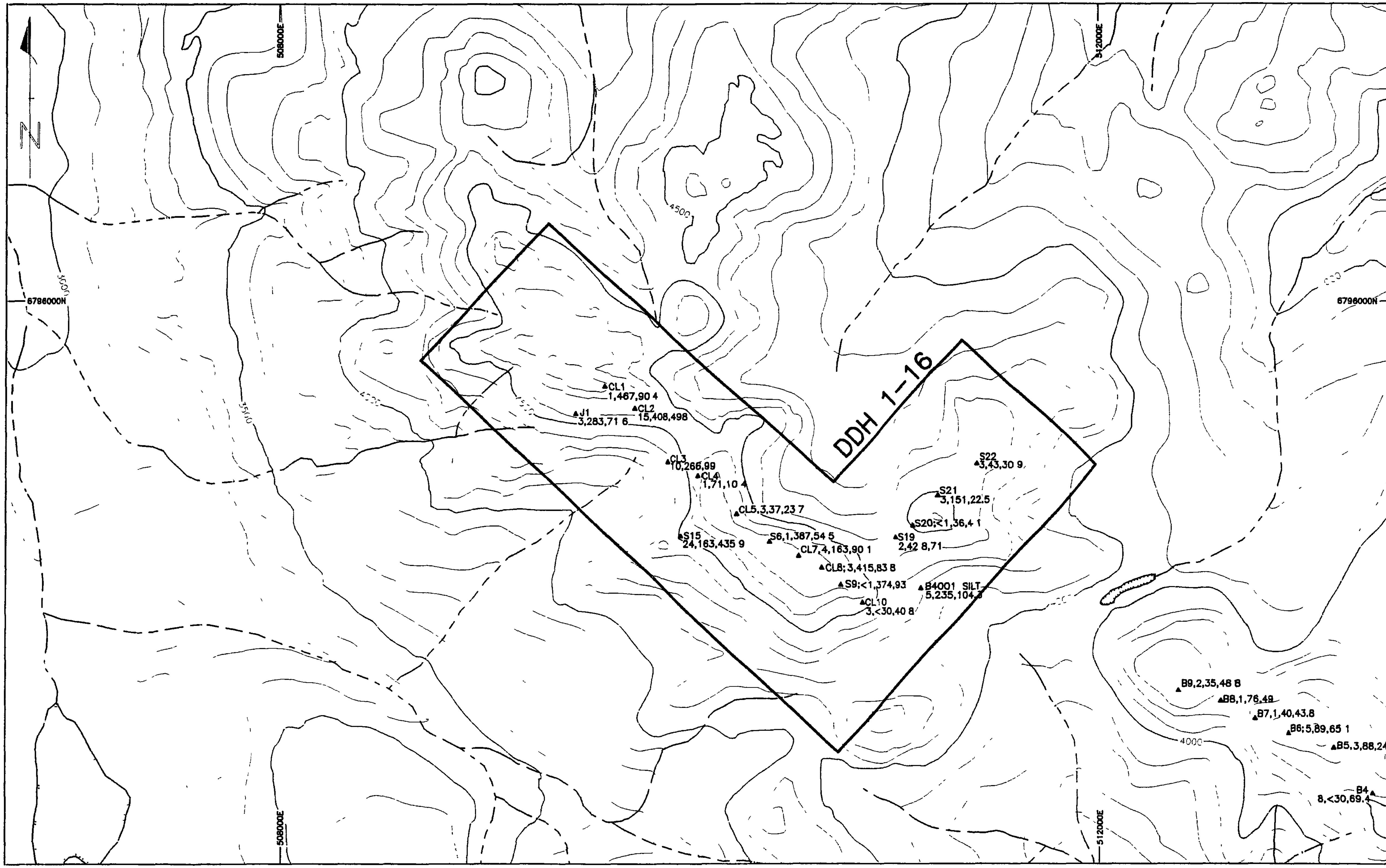
Exploration completed by Keno Hill in the early 1970's located areas of chalcopyrite, pyrite, malachite, azurite and rare galena. Copper mineralization occurs as random smears on fracture surfaces, in quartz veins, dolomite veins and as disseminations. The work completed in June of 1996 in the area of the DDH Claims confirmed the presence of copper mineralization in fractures associated with quartz veins and carbonate veins. There appeared to be a correlation between copper mineralization, fine grained porphyry and pods and veins of magnetite. Alteration consists of propylitic heavy Fe-oxide staining, limonite and clay alteration.

GEOCHEMISTRY

Eighty-one rock chip, twenty-five soil, and one silt sample were collected during the prospecting program on the DDH Claims. Most samples were grab samples of mineralized intrusive. The samples were collected from outcrops along the northwest-southeast trending ridge that runs the length of the claims. Figure 4 shows the rock sample locations and results for Au, Cu and Ag. Geochemical analyses are presented in Appendix A. The isomagnetic contour lines are also shown on Figure 4.

Twelve rock grab samples collected along the ridge top returned gold geochemical values between 149 ppb Au and 4790 ppb Au. Silver values range between 0.7 and 195 ppm and Copper values are between 16 ppm and 1.1% for the same twelve samples.

Soil samples were collected at random locations along the ridge top (Figure 5). Results are generally at background levels with only a few samples elevated in copper and gold. This may reflect a poorly developed B horizon soil on the ridge top due to glacial scouring.



LEGEND

- - - CREEK
— CONTOUR INTERVAL (500ft)
— CONTOUR INTERVAL (100ft)
— LAKE

△ S15 24,163,435 9 SOIL SAMPLE LOCATION
Au(ppb), Ag(ppm), Cu(ppm)
UNLESS OTHERWISE SHOWN

BRIAN SAUER

DDH 1-16

WHITEHORSE MINING DISTRICT, YUKON TERRITORY

SOIL GEOCHEMISTRY
Au, Ag, Cu

Aurum Geological Consultants Inc | Date JUNE 1996
NTS 105 E | Drawn JC | Scale 1:20000 | Figure 8

CONCLUSIONS AND RECOMMENDATIONS

The DDH Claims are underlain by a Jurassic alkaline intrusion that ranges in composition from granite to syenite and hosts copper mineralization with associated gold values. The intrusion age, chemistry and lithology combined with the presence of chalcopyrite on fracture surfaces, magnetite veins and pods, brecciated zones and a 500 gamma magnetic high over the area of interest are all supportive of a porphyry copper-gold mineral occurrence.

Soil sampling on the ridge top does not appear to have been effective. This is probably due to a poorly developed weathered horizon over this area of the intrusion. The high ground here was effectively scraped by glacial action. Further grid soil sampling should be completed in areas of lower topography. An orientation survey should be completed first to determine the optimum soil sampling and size fraction for analyses.

Results of surface exploration work completed in early June of 1996 confirmed that the intrusion contains anomalous gold, copper and silver within the expected range for an alkaline porphyry copper-gold deposit model. An aggressive exploration program consisting of mapping, soil and rock geochemical sampling and geophysical surveys should be completed over the Teslin Crossing Pluton. The following exploration program is warranted and recommended:

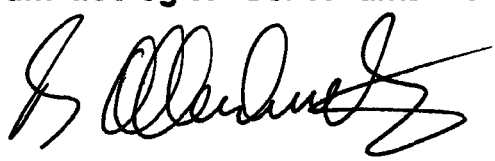
1. Additional Claims should be staked in the area to cover most of the total field magnetic anomaly and the intrusion. An additional 220 claims would be needed to cover the entire intrusion.

2. Follow-up work consisting of prospecting, detailed mapping, fill in geochemical sampling is required at DDH Claims. During mapping, indications of alteration of mafic minerals to biotite should be noted.

3. A soil orientation survey should be completed prior to additional grid soil sampling to determine which size fraction produces the best analytical response.

4. With additional positive geochemical results, a detailed total field magnetic survey should be completed starting on the original DDH 1-16 Claims.

Respectfully submitted,
Aurum Geological Consultants Inc.



R. Allan Doherty, P.Geo.

July 5, 1996

REFERENCES

Cox, D. and D. Singer, 1986; Mineral Deposit models; U.S. Geological Survey Bulletin 1693.

Hornbrook E.H. and P.W. Fiske, 1989: National Geochemical Reconnaissance Stream Sediment and Water geochemical Data, Southern Central Yukon (105E), Geological Survey of Canada Open File 1960

Pangman, P and R.E. VanTassell, 1972; Geological and geochemical report on the Tuv 1- 24 Mineral claims, Miller Creek area, Whitehorse Mining District NTS 105E-7,

Tempelman-Kluit, D.J., 1984; Geology maps of Laberge (105 E) and Carmacks (115 I), Open File 1101, Indian and Northern Affairs Canada.

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

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.

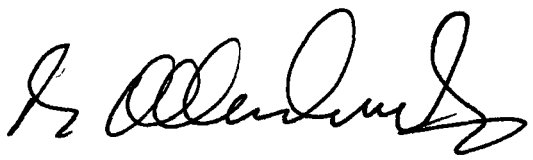
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland, 1978-80. I have been involved in geological mapping and mineral exploration continuously since then.

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

4. I am the author of this report based on information collected by Brian Sauer and crew during prospecting work completed between May 30 and June 5, 1996, and from referenced sources.

5. The DDH Claims are jointly owned by myself and Brian Sauer, with each party holding an undivided 50% interest.

6. I consent to the use of this report, 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.



July 5, 1996 R. Allan Doherty, P.Geo.

APPENDIX A

1996 Analytical Procedures and Results
ACME File #96-2178
Correlation matrix

[redacted]E A[redacted]TIC[redacted]ABO[redacted]RIE[redacted]TD. [redacted] 85[redacted] HA[redacted]NGS [redacted] VA[redacted]VER[redacted] V6[redacted]6 [redacted]PHON[redacted]04)[redacted]315[redacted]FAX([redacted]253[redacted]6

GEOCHEMICAL ANALYSIS CERTIFICATE

Aurum Geological Consultants Inc. PROJECT 29 File # 96-2178 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
BR962901002	5	123	15	34	<.3	5	3	298	2.47	<2	<5	<2	11	85	<.2	<2	<2	67	1.09	.099	32	13	.51	405	.15	4	.75	.14	.13	8	21
BR962902003	1	81	11	48	<.3	4	5	765	2.16	7	<5	<2	12	167	<.2	<2	<2	80	1.32	.090	34	10	.55	1198	.02	5	.38	.07	.19	2	2
BR962901010	6	74	11	43	<.3	12	8	214	1.66	<2	<5	<2	9	70	.3	<2	<2	30	1.43	.088	30	13	.33	256	.13	4	1.00	.08	.12	3	5
BR962901011	1	23	10	11	<.3	4	2	125	.63	2	<5	<2	<2	35	<.2	<2	<2	22	.14	.025	4	12	.05	866	.05	<3	.19	.08	.08	3	4
BR962902012	1	23	7	39	<.3	17	13	552	2.84	<2	<5	<2	11	189	.2	<2	<2	89	2.69	.155	30	54	1.92	1075	.16	<3	1.37	.21	.18	<2	1
BR962901013	44	731	<3	58	<.3	66	65	629	22.57	<2	9	<2	4	24	.5	<2	<2	3293	.37	.054	14	26	.19	362	.22	<3	.30	.07	.13	3	14
BR962902014	75	282	14	10	1.0	7	1	48	6.74	<2	<5	<2	4	36	<.2	2	2	87	.03	.046	40	17	.07	135	<.01	<3	.26	.06	.33	3	248
BR962902015	176	9189	<3	56	3.7	22	8	315	2.93	3	<5	<2	6	34	1.0	<2	<2	37	.70	.055	120	12	.14	86	<.01	<3	.23	.06	.07	<2	602
BR962902016	49	2415	8	32	1.3	27	26	333	2.40	2	<5	<2	4	34	.2	<2	<2	92	.66	.064	20	37	.51	215	.01	<3	.43	.09	.09	<2	352
BR962901017	38	1834	43	166	2.0	18	7	351	2.10	<2	<5	<2	5	39	.2	<2	<2	35	.32	.047	133	7	.39	174	.07	<3	.44	.12	.03	2	223
BR962901018	562	2836	21	83	195.7	24	19	541	33.14	109	<5	<2	6	18	<.2	2	3	94	.06	.026	10	5	.04	197	.07	<3	.32	.08	.05	2	4790
BR962902019	24	18540	11	106	14.3	16	12	276	5.49	3	10	<2	7	31	1.8	<2	68	144	.35	.091	106	15	1.10	833	.02	<3	1.04	.12	.02	<2	381
BR962901020	24	6695	43	47	6.7	14	5	477	1.73	3	<5	<2	14	89	.9	<2	69	62	2.27	.048	28	13	.69	550	.08	<3	.47	.10	.08	<2	910
BR962902021	2	139	11	30	<.3	6	5	418	2.71	2	<5	<2	8	127	<.2	<2	<2	93	.97	.067	32	12	.45	1765	.11	4	.75	.09	.13	3	24
BR962901022	3	593	21	54	.4	6	11	701	3.16	2	<5	<2	9	66	.2	3	<2	109	.45	.098	44	9	.10	1610	<.01	3	.31	.06	.12	2	23
BR962902023	6	6279	42	22	25.3	3	2	92	.84	19	<5	<2	3	64	.5	<2	190	23	.35	.081	20	12	.15	2165	.09	<3	.37	.11	.15	<2	790
JR962902001	4	132	7	70	<.3	1	3	319	1.60	4	<5	<2	2	41	<.2	<2	<2	60	.59	.011	12	2	.35	324	.03	<3	.29	.09	.13	<2	54
JR962901002	2	407	12	16	<.3	3	1	198	.87	6	<5	<2	9	114	<.2	<2	<2	47	1.02	.095	25	9	.42	656	.09	4	.89	.14	.06	2	21
JR962901003	170	2987	28	47	3.3	12	12	320	1.96	3	6	<2	3	91	.4	<2	28	74	1.42	.072	15	25	.56	163	.09	<3	.43	.07	.15	<2	35
JR962901004	66	472	11	11	<.3	38	9	120	3.70	110	<5	<2	3	38	.2	5	<2	102	.75	.067	13	29	.38	53	.16	<3	.47	.09	.10	48	6
RE JR962901004	65	466	14	12	<.3	38	9	122	3.69	110	<5	<2	3	38	.2	5	<2	102	.75	.066	13	29	.38	51	.16	<3	.46	.08	.10	47	4
JR962901005	3	45	6	9	<.3	6	3	271	.78	72	<5	<2	4	159	<.2	<2	<2	22	.44	.034	12	16	.13	1039	<.01	<3	.11	.06	.06	4	2
JR962901006	2	22	9	11	<.3	4	2	342	1.02	8	<5	<2	5	61	<.2	2	<2	31	.25	.024	10	13	.05	1097	<.01	<3	.16	.07	.07	5	2
JR962901008	1	14	18	15	<.3	4	2	210	.87	3	<5	<2	14	175	<.2	<2	<2	29	1.52	.069	26	10	.14	682	.12	9	1.23	.07	.08	3	1
JR962901009	3	35	9	9	<.3	5	5	110	1.94	<2	<5	<2	8	163	<.2	<2	<2	21	.79	.072	31	11	.16	198	.10	3	.82	.10	.09	4	28
JR962901010	3	34	12	8	<.3	10	7	183	1.56	<2	<5	<2	7	72	<.2	2	<2	14	.62	.081	27	15	.14	84	.10	<3	.59	.08	.07	2	7
JR962901011	7	164	5	12	<.3	32	10	122	2.71	2	<5	<2	2	40	<.2	<2	<2	55	.67	.069	10	25	.20	107	.15	<3	.52	.10	.14	6	6
JR962901012	19	111	6	17	<.3	31	15	180	2.58	3	<5	<2	2	31	<.2	2	<2	36	.83	.088	9	21	.17	44	.15	<3	.38	.08	.11	7	4
JR962901013	2490	5104	26	43	10.5	8	15	255	3.55	<2	<5	<2	2	24	.7	3	4	319	.16	.016	9	17	.04	462	.01	<3	.12	.01	.03	4	55
JR962901014	17	30	7	25	<.3	13	7	355	2.28	<2	<5	<2	13	177	<.2	2	<2	80	2.54	.159	27	46	1.30	247	.18	4	1.33	.24	.18	2	3
JR962901015	13	49	4	13	<.3	13	5	222	2.32	2	<5	<2	3	42	<.2	<2	<2	71	.92	.100	15	32	.52	609	.24	<3	.58	.13	.11	4	5
JR962901016	153	12296	18	77	10.0	7	7	243	2.86	4	<5	<2	3	16	1.2	<2	<2	228	.48	.043	11	10	.09	174	<.01	<3	.23	.04	.05	<2	47
JR962901017	6	50	10	6	<.3	2	3	83	1.42	11	<5	<2	7	65	<.2	<2	<2	20	.49	.064	21	6	.21	983	.09	<3	.51	.08	.09	3	3
STANDARD C2/AU-R	21	61	42	139	6.3	72	36	1208	3.94	42	20	8	36	50	19.9	18	18	71	.53	.097	40	63	1.04	197	.07	26	1.94	.06	.13	12	529

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 TO P3 ROCK P4 SOIL P5 SILT AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 11 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
JR962901018	4	156	5	31	<.3	11	28	790	4.35	4	<5	<2	5	286	.6	4	<2	141	3.19	.315	21	7	2.04	191	.22	7	2.76	.51	.38	5	6
JR962901019	5	105	7	18	<.3	15	4	219	1.58	<2	<5	<2	3	30	.3	3	<2	62	.83	.081	10	28	.57	583	.20	3	.50	.13	.17	15	5
JR962901020	5	69	<3	10	<.3	6	4	261	1.55	<2	<5	<2	2	15	<.2	<2	<2	114	.65	.036	6	14	.07	82	.08	<3	.17	.04	.05	7	4
JR962901021	5	110	7	10	<.3	5	5	265	1.41	21	<5	<2	5	79	<.2	<2	<2	26	.92	.076	18	11	.29	212	.07	8	.45	.10	.12	3	1
JR962901022	2	104	<3	19	<.3	11	14	369	4.89	<2	<5	<2	6	182	.6	<2	<2	125	1.33	.162	15	7	1.94	1155	.27	<3	2.28	.21	.75	3	6
JR962901023	3	32	16	30	<.3	6	4	292	1.98	<2	<5	<2	9	107	<.2	<2	2	57	1.09	.087	30	15	.37	815	.07	5	.42	.08	.10	2	3
JR962901024	1	11	13	39	<.3	48	10	423	1.88	2	<5	<2	5	101	.2	<2	<2	53	1.07	.055	11	119	1.64	1254	.13	<3	.99	.10	.59	3	8
JR962901025	2	10	7	17	<.3	4	3	295	1.50	2	<5	<2	7	140	<.2	<2	<2	57	.92	.060	24	11	.15	1734	.05	<3	.31	.08	.09	3	1
JR962901026	4	186	19	30	<.3	26	7	606	2.12	2	<5	<2	3	116	.3	4	2	114	6.06	.073	12	58	.95	278	.16	3	.62	.06	.31	2	9
JR962901027	2	16	12	23	<.3	7	4	232	2.38	<2	<5	<2	6	74	.3	3	<2	68	.75	.093	24	18	.38	810	.12	6	.51	.09	.12	3	1
JR962901028	1	30	7	18	<.3	43	13	381	12.22	<2	<5	<2	6	68	1.7	<2	<2	445	.86	.054	13	20	.39	276	.13	<3	.37	.09	.09	3	3
JR962901029	5	382	12	39	<.3	24	9	381	4.57	<2	<5	<2	7	73	.6	<2	<2	205	1.11	.068	21	56	.76	450	.16	4	.54	.09	.20	<2	72
JR962901030	1	465	18	36	.9	8	5	1067	1.90	2	<5	<2	8	176	.3	<2	2	85	5.67	.058	44	19	1.76	1727	.01	3	.17	.04	.08	3	96
JR962901031	3	472	25	53	.7	19	9	511	3.27	2	<5	<2	8	91	.3	<2	3	112	1.40	.089	33	36	.91	1044	.02	<3	.56	.08	.34	<2	149
JR962901033	17	1420	8	35	.6	4	10	533	2.41	2	<5	<2	6	107	.3	<2	34	61	1.62	.046	42	6	.10	2384	<.01	3	.35	.05	.12	2	90
JR962901034	3	62	16	36	<.3	7	9	652	2.88	9	<5	<2	12	60	.2	<2	<2	119	1.29	.181	50	7	.44	898	.08	5	.54	.07	.23	2	7
JR962901035	4	1353	8	30	.8	10	6	507	1.68	2	<5	<2	7	112	.3	2	2	73	2.46	.083	30	13	.89	521	.12	4	.80	.08	.12	2	121
JR962901036	65	1012	4	19	<.3	29	4	178	2.36	<2	<5	<2	4	51	.2	<2	<2	131	.58	.082	18	72	.73	745	.19	<3	.59	.14	.31	2	100
SR962901001	3	65	10	15	<.3	7	8	245	1.59	3	<5	<2	8	167	<.2	2	<2	44	1.17	.116	16	10	.48	392	.13	4	1.06	.22	.17	3	5
SR962902002	3	90	8	13	<.3	5	3	186	2.04	<2	<5	<2	7	314	<.2	<2	<2	56	1.39	.133	24	11	.37	379	.10	6	1.31	.25	.08	19	9
SR962902003	1106	1590	19	27	2.3	11	10	195	2.41	2	<5	<2	2	19	.2	<2	4	132	.16	.045	7	25	.03	247	<.01	<3	.15	.02	.10	6	15
SR962901004	7	14	16	7	<.3	5	2	194	.50	9	<5	<2	<2	26	<.2	2	2	6	.17	.001	3	20	.01	1653	<.01	<3	.03	<.01	.01	7	2
SR962901005	4	47	4	11	<.3	5	2	289	.79	21	<5	<2	4	34	<.2	2	<2	27	.21	.016	10	14	.08	309	<.01	<3	.16	.04	.06	4	2
RE SR962901005	4	48	3	10	<.3	4	2	270	.78	19	<5	<2	4	33	<.2	3	<2	27	.21	.016	10	13	.08	303	<.01	<3	.16	.04	.06	4	1
SR962901008	6	127	6	13	<.3	5	4	293	1.50	<2	<5	<2	9	58	<.2	<2	<2	51	1.80	.081	41	7	.41	548	.06	4	.54	.07	.12	2	15
SR962901009	106	168	4	10	<.3	5	5	240	1.22	<2	<5	<2	9	63	<.2	<2	2	37	.96	.081	39	7	.36	510	.07	3	.56	.16	.10	5	23
SR962901010	8	438	7	20	<.3	4	7	257	1.86	2	<5	<2	9	46	<.2	<2	2	55	.85	.071	32	6	.37	736	.03	5	.57	.07	.13	2	7
SR962901011	13	225	6	17	<.3	6	11	320	3.04	5	<5	<2	2	21	<.2	<2	<2	55	1.07	.073	9	11	.32	46	.16	<3	.56	.09	.06	28	4
SR962901012	317	484	538	13	6.4	3	2	115	.57	4	<5	<2	<2	6	<.2	6	65	25	.12	.009	4	13	<.01	84	<.01	<3	.04	.01	.03	4	15
SR962901013	19	414	17	24	.5	12	11	402	2.73	<2	<5	<2	9	73	.3	4	<2	54	1.21	.102	38	10	.58	566	.02	3	.57	.09	.17	2	9
SR962901014	29	19837	12	212	3.0	45	171	863	2.68	12	<5	<2	8	31	2.8	<2	<2	58	.32	.044	170	11	.47	443	.05	<3	.59	.13	.03	<2	169
SR962901016	6	205	176	71	3.2	10	7	1179	2.62	6	<5	<2	5	222	.6	2	10	98	7.98	.051	28	15	2.98	500	<.01	<3	.19	.04	.04	2	41
SR962901018	3	2130	13	24	6.1	8	4	333	1.52	<2	<5	25	7	64	.2	<2	20	52	1.35	.073	31	16	.44	542	<.01	<3	.20	.06	.11	2	882
SR962901023	1	11	12	44	<.3	8	11	598	3.25	5	<5	<2	14	105	.4	3	2	119	.86	.175	32	14	1.15	2094	.19	9	.90	.10	.48	2	9
STANDARD C2/AU-R	20	60	44	143	6.7	74	37	1240	4.00	42	21	9	37	52	21.1	18	18	72	.55	.102	40	66	1.06	206	.07	28	1.96	.06	.14	12	540

Sample type: ROCK. 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	Au* ppb
MT962902001	27	92	6	17	<.3	6	7	376	2.06	<2	<5	<2	6	133	<.2	2	<2	48	2.48	.082	30	10	.36	771	.03	4	.60	.08	.18	2	12
MT962902002	2	56	7	7	.6	6	7	140	1.30	3	<5	<2	7	150	<.2	<2	<2	26	1.04	.075	23	11	.09	424	.09	4	.93	.13	.08	2	5
MT962902003	2	86	8	12	<.3	3	3	105	1.35	4	<5	<2	5	50	<.2	2	<2	24	.35	.042	17	8	.16	926	.07	<3	.42	.08	.06	3	6
MT962902004	<1	104	<3	46	<.3	87	21	1001	4.76	184	<5	<2	<2	145	.7	<2	2	30	10.54	.013	1	49	4.28	153	<.01	<3	.20	.02	.10	<2	19
MT962902005	101	10990	3	97	39.6	55	10	120	8.56	<2	<5	<2	4	45	.6	3	2	104	.40	.069	47	22	.48	93	.20	3	.34	.08	.09	19	323
MT962901006	2	62	8	20	<.3	13	6	451	1.34	19	<5	<2	7	143	<.2	<2	<2	39	.91	.052	19	22	.34	760	<.01	<3	.15	.07	.08	3	6
MT962901007	18	213	10	20	<.3	10	7	449	2.25	24	<5	<2	5	167	<.2	2	<2	58	1.61	.079	26	14	.39	63	.06	9	.39	.07	.12	3	2
MT962901008	6	72	25	10	<.3	5	5	145	1.02	4	<5	<2	5	64	<.2	5	<2	13	.47	.066	21	8	.15	478	.07	<3	.37	.09	.06	4	12
MT962901009	2	235	6	24	<.3	7	7	266	1.37	<2	<5	<2	6	79	.2	<2	<2	46	.89	.068	22	11	.20	1454	.07	4	.31	.07	.11	2	24
MT962901010	2	2357	7	193	3.1	15	146	949	25.02	99	70	<2	5	40	.2	6	<2	1326	.07	.017	29	11	.02	1221	.01	<3	.15	.04	.07	<2	59
RE MT962901010	2	2209	16	181	3.1	14	137	894	23.41	88	60	<2	5	37	.3	4	2	1243	.06	.015	26	10	.02	1135	.01	<3	.14	.04	.06	<2	65
MT962901011	4	490	<3	118	.4	10	43	582	11.11	<2	<5	<2	3	39	<.2	7	<2	461	.20	.014	12	15	.03	1462	.01	<3	.16	.04	.07	4	5
MT962901013	159	303	12	58	.8	21	22	320	9.02	32	20	<2	3	48	<.2	4	<2	173	.16	.029	15	8	.27	468	.07	5	.25	.05	.15	328	255
MT962901014	4	81	276	36	1.9	23	2	344	1.43	<2	<5	<2	3	45	.3	<2	11	76	1.71	.073	29	31	.74	210	.16	<3	.58	.07	.10	5	16
MT962901015	2	14	8	42	<.3	42	12	571	2.58	<2	<5	<2	9	118	<.2	<2	2	65	3.36	.065	27	34	1.28	612	<.01	3	1.06	.04	.13	3	2
MT962902016	1	19	14	45	<.3	42	12	490	2.55	<2	<5	<2	8	89	.3	<2	<2	62	3.73	.056	17	34	1.48	775	<.01	3	.89	.02	.16	<2	2
MT962901017	5	1612	7	43	1.5	11	6	214	2.41	<2	<5	<2	6	51	.2	<2	<2	192	.79	.076	20	15	.35	777	.09	<3	.40	.06	.11	3	23
MT962901018	1	39	11	29	<.3	11	7	438	1.90	8	<5	<2	6	100	<.2	<2	<2	71	.35	.083	24	29	.46	1401	.03	7	.49	.11	.33	3	2
STANDARD C2/AU-R	20	59	39	133	6.2	71	35	1190	3.87	41	22	8	36	49	20.1	18	17	69	.54	.096	40	61	1.01	187	.06	28	1.84	.06	.13	13	505

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

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Aurum Geological Consultants Inc. PROJECT 29 File # 96-2178 Page 4

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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 ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
BR962906004	3.2	69.4	10.2	68.1	<30	38	16	364	4.19	14.4	<5	3	50	12	1.3	3	111	20	.020	21	44	83	142	07	<2	2.37	03	.07	2	.2	73	.7	2	7.2	8
BR962906005	2.0	24.3	8.1	51.3	88	26	11	355	3.07	8.0	<5	2	23	11	4	.2	79	24	024	9	38	74	156	.08	3	1.74	.02	07	2	< 2	70	< 3	<.2	6.0	3
BR962906006	2.2	65.1	11.2	68.8	89	37	14	589	3.85	12.6	<5	4	59	10	1.1	2	85	59	020	17	44	.89	210	06	3	1.66	03	08	<2	.2	84	.5	< 2	5.4	5
BR962906007	2.4	43.8	10.6	72.4	40	44	14	543	3.85	10.1	<5	3	34	10	9	2	89	.31	040	11	44	.90	259	05	3	2.33	.02	.08	<2	2	60	3	<.2	6.1	1
BR962906008	4.6	49.0	21.9	65.1	76	35	14	523	4.02	16.8	<5	3	44	08	6	2	102	31	032	12	38	76	708	04	2	2.11	.02	.07	<2	2	73	< 3	<.2	6.3	1
BR962906009	3.6	48.8	19.6	66.3	35	35	13	540	3.95	15.5	<5	3	50	09	8	2	101	43	030	10	42	82	564	05	3	2.16	02	.08	<2	< 2	51	< 3	<.2	6.3	2
JR962906001	8	78.7	71.6	79.1	283	71	18	814	2.81	4.0	<5	3	61	.15	< 2	2.6	87	41	050	11	168	2.01	1101	.16	<2	1.42	.03	.50	<2	.2	127	<.3	.2	9.4	3
SR962906006	3.2	81.6	22.3	67.1	47	25	19	836	4.43	42.4	<5	10	165	06	3.6	2	157	.23	.020	21	31	1.52	585	.18	<2	2.02	02	08	<2	<.2	103	< 3	<.2	9.1	<1
SR962906007	2.3	74.6	13.6	60.3	36	34	13	466	3.85	15.3	<5	2	61	06	9	.2	106	32	022	17	47	95	404	06	3	2.03	02	07	<2	2	72	4	<.2	5.4	4
RE SR962906007	2.4	76.1	13.7	57.8	<30	36	12	454	3.75	16.1	<5	2	58	06	8	1	100	30	022	16	44	92	386	05	<2	1.90	02	.07	<2	<.2	78	<.3	<.2	5.4	4
SR962906015	14.3	435.9	14.1	57.0	163	166	25	950	6.04	23.3	<5	4	178	25	8	.3	180	1.81	052	34	69	1.20	433	.07	<2	1.31	.02	.27	<2	4	119	2.6	.3	5.0	24
SR962906019	1.7	42.8	9.8	67.8	71	31	11	468	3.34	11.6	<5	3	34	13	9	1	75	39	065	12	38	74	239	.06	<2	1.76	02	08	<2	.2	89	.6	<.2	5.1	2
SR962906020	2	4.1	1.6	8.3	36	2	1	43	68	1.8	<5	<1	8	03	< 2	< 1	22	05	012	<1	2	03	13	.03	7	.09	04	02	<2	< 2	74	<.3	<.2	1.1	<1
SR962906021	1.9	22.5	6.1	26.7	151	15	5	132	1.91	3.7	<5	<1	17	23	2	.1	49	13	031	6	19	28	118	.05	<2	81	02	.04	<2	< 2	144	.4	<.2	4.2	3
SR962906022	1.9	30.9	8.6	44.4	43	21	6	222	2.88	7.7	<5	2	25	11	5	2	79	20	.028	14	28	.44	260	07	<2	1.51	02	05	<2	< 2	77	.3	<.2	6.0	3
CLAIM1962906001	9.4	90.4	12.3	33.9	467	23	9	585	2.14	4.3	<5	<1	64	25	2	2	53	76	046	16	22	41	557	04	<2	1.11	03	08	<2	<.2	143	.3	<.2	4.0	1
CLAIM1962906002	4.7	498.0	18.2	56.1	408	27	14	1086	2.99	5.6	<5	<1	65	42	.2	< 1	79	72	082	34	31	54	599	05	4	1.64	02	21	<2	<.2	143	.3	.2	4.9	15
CLAIM3/4962906003	4.2	99.0	19.0	64.0	266	24	6	628	1.96	4.4	<5	<1	92	68	< 2	2	46	1.52	080	26	20	42	770	04	6	.90	04	12	<2	<.2	284	.6	.2	3.0	10
CLAIM3/4962906004	4	10.4	1.7	13.0	71	3	2	77	87	< 5	<5	<1	14	20	< 2	< 1	24	14	032	2	4	06	93	02	<2	.22	03	.02	<2	< 2	99	< 3	<.2	1.6	1
CLAIM5/6962906005	1.9	23.7	4.0	44.2	37	8	<1	991	53	5	11	<1	107	1.51	< 2	< 1	14	1.96	095	5	5	.11	456	01	4	31	02	07	<2	< 2	704	<.3	< 2	1.1	3
CLAIM5/6962906006	2.6	54.5	7.8	52.6	387	16	6	356	1.67	3.8	<5	<1	45	1.53	2	2	49	34	049	10	17	16	398	02	<2	77	01	.07	<2	< 2	119	.4	<.2	3.8	1
CLAIM7/8962906007	2.1	90.1	15.5	55.4	163	33	11	467	3.14	9.7	<5	2	40	15	7	1.1	73	32	053	10	35	71	433	05	<2	1.83	02	.08	<2	< 2	64	4	.2	5.2	4
CLAIM7/8962906008	3.4	83.8	20.7	65.2	415	31	12	510	3.45	7.1	<5	<1	91	20	5	1.3	81	26	065	16	42	69	907	.04	<2	2.20	.02	08	<2	< 2	96	5	.2	6.7	3
CLAIM7/9962906009	3.5	93.0	17.1	29.5	374	10	4	196	1.21	1.4	<5	<1	55	26	< 2	4	34	85	066	12	15	31	321	.05	2	61	.03	.05	<2	<.2	168	3	< 2	3.0	<1
CLAIM7/9962906010	1.8	40.8	10.0	69.6	<30	38	14	654	3.59	12.5	<5	3	34	11	7	2	80	.32	042	12	39	76	249	05	5	2.17	02	07	2	< 2	50	5	<.2	5.5	3
STANDARD D2/HG-500/AU-S	26.3	115.1	113.4	265.3	1878	34	16	1105	4.23	74.6	20	18	59	2.34	8.3	21.8	78	79	094	18	57	1.27	248	16	29	2.27	.07	76	20	2.6	458	7	2.0	6.9	53

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
- SAMPLE TYPE: P1 TO P3 ROCK P4 SOIL P5 SILT- AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 11 1996 **DATE REPORT MAILED:** June 20/96 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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 ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
BR962904001	9.7	104.3	25.2	92.8	235	28	10	522	2.72	7.1	<5	1	51	.46	.6	.5	66	.89	.065	13	33	.67	328	.04	3	1.38	.03	.08	<2	<.2	123	.7	<.2	4.1	5

Sample type: SILT.

AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
Mo	1.000																														
Cu	0.156	1.000																													
Pb	0.089	-0.033	1.000																												
Zn	0.044	0.598	-0.014	1.000																											
Ag	0.224	0.194	0.026	0.200	1.000																										
Ni	-0.034	0.202	-0.083	0.298	0.102	1.000																									
Co	0.010	0.433	-0.082	0.747	0.033	0.339	1.000																								
Mn	-0.100	0.051	-0.007	0.489	0.042	0.297	0.460	1.000																							
Fe	0.124	0.102	-0.092	0.456	0.650	0.355	0.477	0.302	1.000																						
As	0.023	-0.012	-0.055	0.186	0.360	0.409	0.255	0.291	0.428	1.000																					
U	-0.018	0.088	-0.038	0.489	-0.007	0.055	0.606	0.265	0.534	0.336	1.000																				
Au	-0.026	0.020	-0.017	-0.039	0.009	-0.051	-0.038	-0.017	-0.044	-0.041	-0.020	1.000																			
Th	-0.222	-0.009	-0.209	0.022	-0.036	-0.205	-0.023	0.207	-0.086	-0.238	-0.071	0.035	1.000																		
Sr	-0.223	-0.277	-0.102	-0.201	-0.169	-0.115	-0.145	0.339	-0.203	-0.009	-0.124	-0.039	0.405	1.000																	
Cd	0.097	0.798	-0.017	0.537	0.020	0.394	0.498	0.300	0.120	0.014	0.028	-0.016	0.030	-0.117	1.000																
Sb	0.129	-0.091	0.254	0.159	0.074	-0.050	0.210	0.094	0.270	0.189	0.325	-0.073	-0.228	-0.116	-0.124	1.000															
Bi	0.012	0.331	0.305	0.015	0.122	-0.112	-0.077	0.117	-0.077	-0.008	0.006	0.061	-0.069	-0.098	0.202	-0.040	1.000														
V	0.048	0.016	-0.061	0.269	-0.014	0.364	0.452	0.246	0.615	0.066	0.440	-0.025	-0.092	-0.158	0.119	0.092	-0.056	1.000													
Ca	-0.147	-0.161	0.055	-0.028	-0.112	0.358	-0.076	0.626	-0.122	0.310	-0.117	0.002	0.056	0.501	0.088	-0.073	-0.047	-0.102	1.000												
P	-0.207	-0.115	-0.158	-0.180	-0.132	-0.128	-0.105	0.111	-0.153	-0.254	-0.158	0.002	0.463	0.539	0.013	-0.029	-0.049	-0.092	0.114	1.000											
La	-0.100	0.636	-0.059	0.615	-0.027	0.077	0.403	0.206	-0.046	-0.148	0.025	0.014	0.319	-0.064	0.565	-0.172	0.046	-0.069	-0.083	0.083	1.000										
Cr	-0.025	-0.099	-0.018	-0.054	-0.104	0.540	-0.032	0.096	-0.047	0.057	-0.066	-0.021	-0.114	0.037	0.031	-0.092	-0.078	0.037	0.269	0.001	-0.183	1.000									
Mg	-0.154	-0.054	0.026	0.076	-0.095	0.458	-0.005	0.605	-0.066	0.298	-0.091	-0.019	0.091	0.494	0.225	-0.103	-0.039	-0.084	0.847	0.304	-0.008	0.416	1.000								
Ba	-0.142	-0.081	-0.137	0.024	-0.092	-0.277	0.010	0.226	-0.067	-0.092	0.087	-0.025	0.249	0.149	-0.071	-0.036	0.266	-0.012	-0.049	0.030	0.001	-0.033	0.006	1.000							
Ti	-0.175	-0.147	-0.113	-0.165	-0.014	0.196	-0.043	-0.175	0.078	-0.159	-0.096	-0.129	0.085	0.150	0.000	-0.018	-0.091	0.175	-0.049	0.557	-0.140	0.256	0.135	-0.159	1.000						
B	-0.154	-0.230	-0.144	-0.182	-0.120	-0.228	-0.147	0.080	-0.155	-0.149	-0.076	-0.087	0.513	0.467	-0.197	0.040	-0.172	-0.130	0.111	0.487	0.018	-0.181	0.038	0.088	0.194	1.000					
Al	-0.187	-0.062	-0.151	-0.099	-0.091	-0.007	-0.020	0.046	-0.101	-0.202	-0.111	-0.089	0.396	0.597	0.072	-0.092	-0.076	-0.101	0.149	0.802	0.065	0.102	0.391	-0.033	0.562	0.386	1.000				
Na	-0.197	-0.023	-0.170	-0.071	-0.038	-0.085	0.028	0.003	-0.059	-0.157	-0.101	-0.052	0.244	0.544	0.069	-0.014	-0.029	-0.070	0.013	0.803	0.096	0.009	0.243	-0.108	0.558	0.280	0.816	1.000			
K	-0.137	-0.222	-0.135	-0.137	-0.114	0.114	-0.070	0.114	-0.023	-0.131	-0.069	-0.024	0.167	0.281	-0.023	-0.012	-0.073	-0.010	0.095	0.518	-0.128	0.414	0.375	0.211	0.454	0.177	0.564	0.372	1.000		
W	0.033	-0.051	-0.023	0.028	-0.019	0.062	0.023	-0.069	0.114	0.119	0.236	-0.019	-0.142	-0.079	-0.090	0.226	-0.051	0.002	-0.097	-0.099	-0.082	-0.073	-0.068	-0.081	0.038	0.126	-0.074	-0.052	-0.003	1.000	
Au*	0.169	0.199	-0.006	0.191	0.956	0.074	0.032	0.061	0.612	0.345	-0.007	0.150	0.026	-0.173	0.043	0.009	0.186	-0.029	-0.101	-0.138	0.040	-0.108	-0.094	-0.080	-0.069	-0.155	-0.103	-0.031	-0.103	0.009	1.000

SHEET 105E-7

SCALE: 1/2 MILE to 1 INCH.

FT. 1500 0 1500 3000 4500 6000 7500 9000 10500 FT.

N

MAGNETIC NORTH
N 32° - 10 E

105E-11	105E-10	105E-9
105E-6	105E-7	105E-8
105E-3	105E-2	105E-1

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER\

29 MAR 78
17 SEPT 76
12 AUG 76
3 OCT 75
20 AUG 75
3 AUG 72

18 MAR 83
R JULY 82
18 FEB 82
15 JUNE 81
25 MAY 79

27 MAY 94 OIC
12 MAY 94 OIC
06 OCT 89
9 JUNE 84
3 MAY 84
29 MARCH

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

WHITEHORSE, Y.T. DECEMBER 18, 1970.

1st Edition

61° 30' 135° 00' 134° 30' 61° 30'

S-10B

MASON LANDING (site of)

S-13B.

BOND

MILLER CREEK

TESLIN RIVER

MT PETERS

5420

S-16B

S-21B

TUV

ENOF

105 E - 7