

MAP NO.: ASSESSMENT REPORT X
105 L 2 PROSPECTUS X
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092870
MINING DISTRICT: Whitehorse
TYPE OF WORK: Geochemistry

REPORT FILED UNDER: Comaplex Minerals Corp.

DATE PERFORMED: July 7-8, 1990

DATE FILED: Sept 28, 1990

LOCATION: LAT.: 62°04'N

AREA: Little Salmon Lake

LONG.: 134°50'W

VALUE \$: 2 000

CLAIM NAME & NO.: MARBLE 1-10

WORK DONE BY: Aurum Geological Consultants Inc.

WORK DONE FOR: Comaplex Minerals Corporation

DATE TO GOOD STANDING:

REMARKS: Two broad areas of quartz-sericite altered rhyolite have been found within the Marble claims. It is believed that this alteration is indicative of Tertiary epithermal precious metal deposition. The highest rock analysis returned 78 ppb Au from a silicified rhyolite breccia taken in 1989. The 1990 program of soil sampling and mapping. A total of 36 soil samples were collected. The highest returned 15 ppb Au and 0.4 ppm Ag.



CONFIDENTIAL

**REPORT ON THE 1990 GEOCHEMICAL
ASSESSMENT WORK ON THE
MARBLE CLAIMS**

092870

Whitehorse Mining District
July 7-8, 1990

Claims: MARBLE 1-4 (YB26455-YB26458)
MARBLE 5-10 (YB26459-YB26464)

Location: 1. 160 km NE of Whitehorse, Yukon
2. NTS 105L/2
3. Latitude: 62°04'N
Longitude: 134°50'W

For: Comaplex Minerals Corp.
901, 1015 4th Street, SW
Calgary, Alberta
T2R 1J4

By: L. Walton, M.Sc.
Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

September 26, 1990

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 2,000.

[Signature]
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

SUMMARY

The *Marble* property consists of two claim groups (MARBLE 1-4 and MARBLE 5-10) situated in the Little Salmon Lake area, central Yukon Territory, 160 km NE of Whitehorse. The claims are accessible by helicopter, or by boat and a 3.5 kilometer hike.

The first known exploration was carried out in the area in 1985, and an option agreement was made between Comaplex Minerals Corp. of Calgary, Alberta and prospector A. Carlos of Whitehorse, Yukon in 1989. The *Marble* claims were staked as a result of exploration work carried out in 1989 by Aurum Geological Consultants Inc.

The claim area is underlain by Mississippian and earlier felsic schists in fault contact (NNW trending Big Salmon Fault) with Triassic mafic volcanics and limestone. Tertiary felsic subaerial volcanics unconformably overlie the older rocks in three areas along the Big Salmon Fault. The *Marble* claims may overlie a Tertiary volcanic center.

Two broad areas of quartz-sericite altered rhyolite have been found within the *Marble* claims. A rock sample collected in 1989 from a silicified rhyolite breccia within a quartz-sericite alteration zone contained 78 ppb gold. Soil samples collected in 1989 from the Snowcap Creek area on the *Marble* claims contained up to 55 ppb gold. A total of 36 soil samples were collected on the *Marble* claims in 1990. The highest values were 15 ppb gold and 0.4 ppm silver.

The hydrothermal alteration on the *Marble* claims is consistent with Tertiary related epithermal precious metal deposits. A systematic soil sampling program and magnetometer and VLF-EM geophysical surveys should be carried out to help locate structures related to the alteration and potential mineralization. A program of geology, geochemistry and geophysics at a cost of \$30,000 is recommended.

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INTRODUCTION

This report was prepared at the request of Comaplex Minerals Corp. Its purpose is to satisfy assessment requirements through a description of exploration work carried out on July 7 and 8, 1990.

The *Marble* claims are located approximately 160 kilometers northeast of Whitehorse, Yukon, and are accessible by helicopter, or by boat and a 3.5 kilometer hike.

Exploration work carried out in 1990 consisted of prospecting and geochemical soil sampling by S. Tufford and V. Celuszek of Aurum Geological Consultants Inc. Results of geological mapping, prospecting and geochemical sampling carried out in 1989 by Aurum Geological Consultants Inc. are summarized in Garagan (1990) and are incorporated in this report.

LOCATION, ACCESS AND TOPOGRAPHY

The *Marble* claims are located at the west end of Little Salmon Lake, central Yukon Territory. The project area is 70 kilometers east of Carmacks and 160 kilometers northeast of Whitehorse (Figure 1).

The Robert Campbell Highway and the Faro-Ross River powerline pass within 6 km of the property. Access to the *Marble* claims is by boat across Little Salmon Lake and then by foot for 3.5 kilometers. Alternate access to the *Marble* claims is via helicopter from Whitehorse or Carmacks.

The area consists of rounded hills and mountains with broad U-shaped valleys. Elevations range from 730 to 1100 meters. The *Marble* claims are located within pine and spruce forest with thick alder bushes developed along creeks.

Outcrop and talus exposures are restricted to steep slopes and creek valleys. The area has less than 5% bedrock exposure.

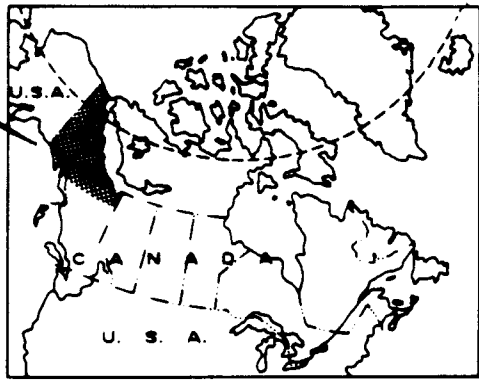
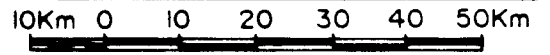
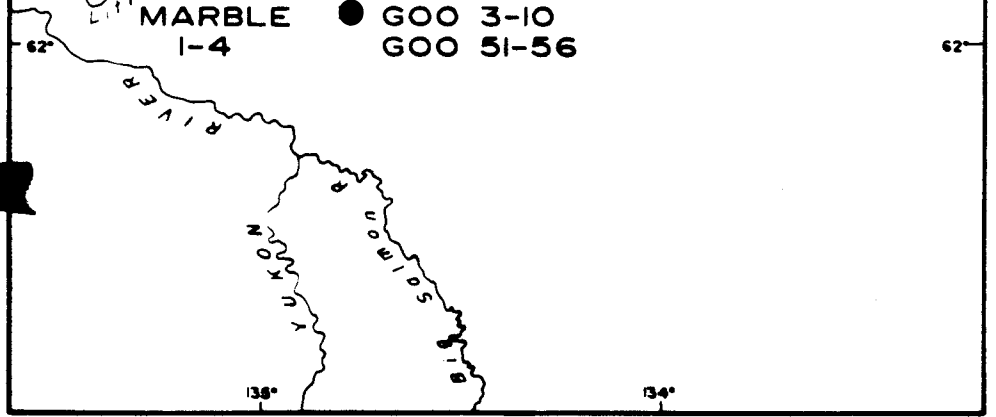
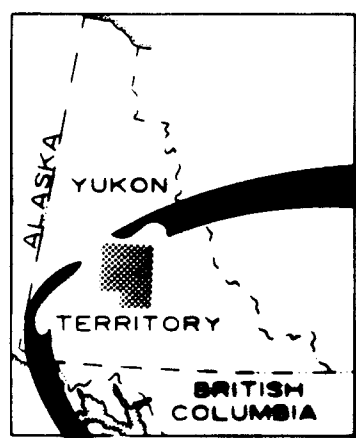
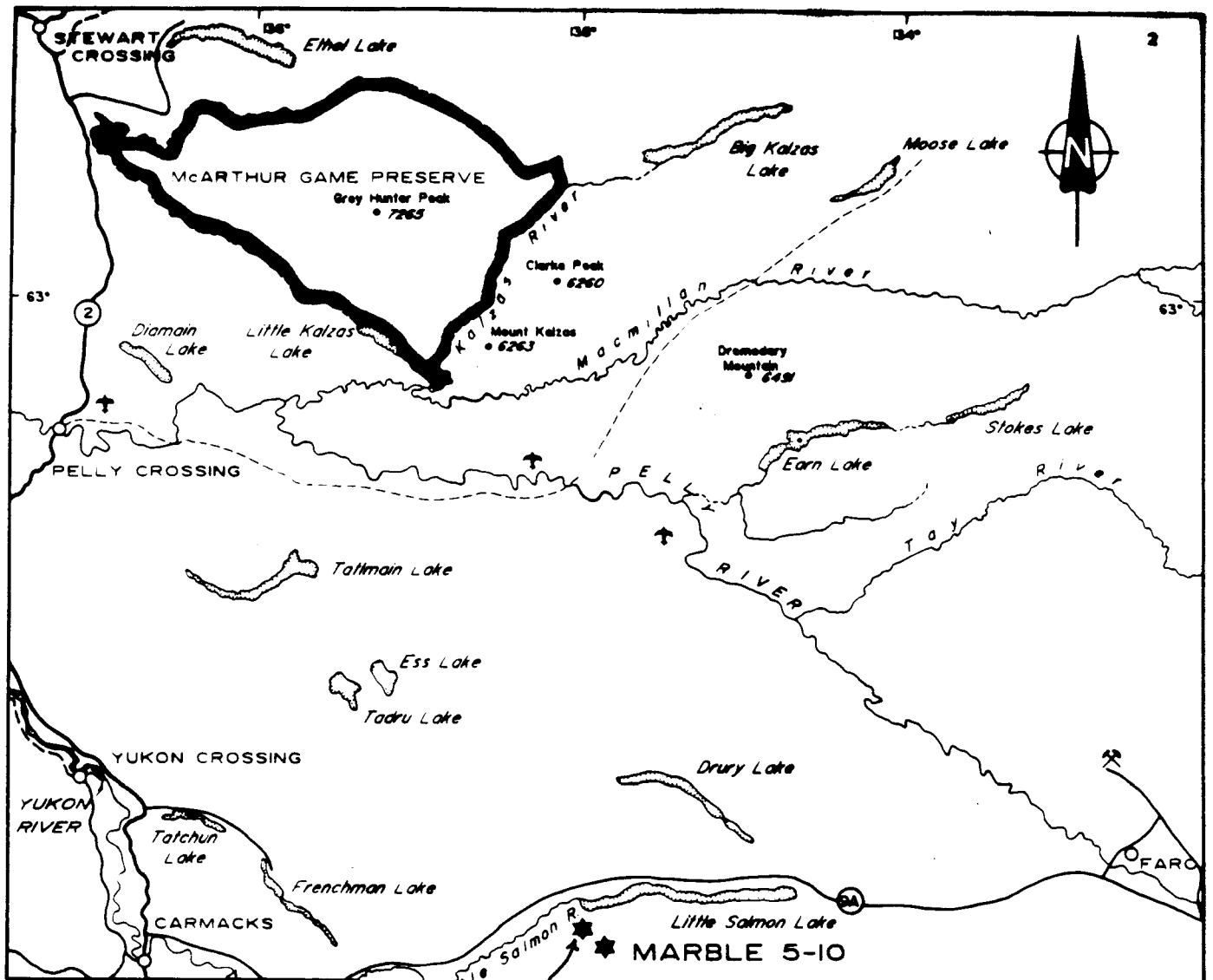
CLAIM STATUS

The *Marble* property consists of 10 unsurveyed mineral claims (MARBLE 1-4, MARBLE 5-10) staked as two separate claim groups under the Yukon Quartz Mining Act (Figure 2). The claims are located within NTS sheet 105 L/2 of the Whitehorse Mining District and are owned by Comaplex Minerals Corp. subject to an option agreement with A. Carlos of Whitehorse, Yukon.

Claim distribution is shown in Figure 2 and the claim status is tabulated below:

<u>Claim Name</u>	<u>Grant Number</u>	<u>Recording Date</u>	<u>Expiry Date</u>
Marble 1-4	YB26455-458	July 14, 1989	July 14, 1992*
Marble 5-10	YB26459-464	July 14, 1989	July 14, 1992*

*subject to approval of 1990 assessment work



COMAPLEX MINERALS CORP.	
<i>JW</i> MARBLE AND GOO CLAIMS WHITEHORSE MINING DISTRICT	
LOCATION	
<i>Aurum Geological Consultants Inc.</i>	SEPT/1990
NTS 105 L/2	DRAWN BY NH
SCALE 1:1,000,000	FIGURE: 1

HISTORY

The first known exploration carried out in the *Marble* claims area was by A. Carlos in 1985. A Grew Creek style epithermal target (also an A. Carlos property) was sought in subaerial Tertiary volcanics, mapped by Campbell (1967), along the Big Salmon fault zone. Work by Carlos consisted of stream sediment sampling, geological mapping, prospecting, rock sampling and hand trenching. Altered volcanics and several stream sediment anomalies were located.

The project area (named the Snowcap Project) was brought to Aurum Geological Consultants Inc. in the spring of 1989 and an option agreement was arranged with Comaplex Minerals Corp. of Calgary. The exploration carried out in 1989 is described in Garagan (1990). Two sets of claims, the *Marble* and the *Goo* claims were staked as a result of exploration work on the Snowcap project in 1989.

REGIONAL GEOLOGY

The Snowcap project area is underlain by the Big Salmon Fault zone, a NNW trending Tertiary fault which separates low grade metamorphosed sediments and volcanics from high to moderate grade metamorphic rocks of the Teslin Suture Zone (Hansen, 1986, Grant Abbott pers comm, 1990). Mississippian and earlier felsic and mafic schists and gneisses occur on the east side of the fault zone in the Snowcap area. Triassic and earlier mafic volcanics and limestones are present on the west side of the fault zone.

Tertiary andesite, dacite, and rhyolite subaerial volcanics are exposed in three areas within the Snowcap project area. The *Marble* claims may represent a Tertiary volcanic center. The volcanics are thought to represent subaerial volcanics which formed as the result of extensional faulting in the Big Salmon Fault zone. An analogous situation occurs in the Grew Creek area where Tertiary volcanics were localized along the Tintina Fault.

PROPERTY GEOLOGY, ALTERATION AND MINERALIZATION

The *Marble* claims are underlain by Tertiary subaerial felsic volcanics (Figure 2). Triassic mafic volcanics are located west and southwest of the area. The Tertiary volcanics presumably unconformably overlie the Triassic rocks. A veneer of glacial till covers most of the area. Several west and northwest trending eskers are located in the area. Outcrop is exposed in creek valleys and along steep slopes.

The Tertiary volcanics are comprised of rhyolite, dacite and andesite tuffs, flows and dykes. The dykes and flows usually consist of fine grained quartz-feldspar porphyritic rhyolite. Spherulitic and flow banded rhyolite is common. Tuffs are comprised of interlayered ash tuff and crystal-lithic lapilli tuff. The volcanics are poorly exposed and their inter-relationships are not known; however, their roughly circular distribution suggests a Tertiary volcanic center in the immediate area.

There are at least two separate areas of quartz-sericite alteration on the *Marble* claims. Weak to moderate quartz-sericite altered rhyolite is exposed in small outcrops on a north facing slope on the *Marble* 5, 6 and 8 claims. A few boulders of intensely quartz-pyrite (5% pyrite) altered volcanics and minor chalcedony veining (1-5 mm wide veinlets) were located in this area. No mineralization or

defined structures were located; however, exposure is less than 1%. A rock sample collected in 1989 of silicified rhyolite breccia on the *Marble* 6 claim contained 78 ppb gold.

A large altered exposure of rhyolite tuff cut by several spherulitic and flow banded rhyolite and narrow gas breccia dykes was mapped in Snowcap Creek on the *Marble* 1-4 claims. The outcrop is weakly to moderately kaolinized and quartz sericite altered. Chalcedonic quartz flooding and minor veining is associated with the spherulitic dykes. Most of the silicified and veined zones are less than 50 cm wide. One zone is 0.5 to 2.0 meters wide and contains 20% quartz veining and up to 10% pyrite. Quartz-sericite alteration intensity increases slightly at the western end of the exposure. The rhyolite at this location contains 5-10% dull green clay (?) and 5% pyrite (+ marcasite). This rock is locally vuggy due to complete replacement by silica and pyrite. Seven soil samples collected in 1989 near this zone contain moderately anomalous gold values of up to 55 ppb.

1990 EXPLORATION

Introduction

Exploration in 1990 on the *Marble* claims consisted of prospecting and geochemical sampling on July 7 and July 8, 1990. A total of 36 soil samples were collected and sent to Bondar-Clegg and Company Ltd. (Whitehorse and Vancouver) for gold, mercury and 29 element ICP analysis. Results and sample descriptions are given in Appendix A. Sample locations and gold and silver results are plotted in Figure 2.

Soil Geochemistry

Soil sample collection was hampered by a thick (>1 m in places) layer of till and ash. The layer of B horizon soil was obscured by convoluted layers of reddish till and white ash. A total of 15 soil samples were collected from the *Marble* 1-4 claims. The highest gold value was 11 ppb (#V30-S-005) and the highest silver value was 0.4 ppm (#V30-S-010).

A total of 21 soil samples were collected from the *Marble* 5-10 claims. The highest gold value is 15 ppb (#S30-S-103) and all silver values were 0.3 ppm or less.

CONCLUSIONS AND RECOMMENDATIONS

The *Marble* claims are situated in an area underlain by Mississippian felsic and mafic schists in fault contact with lower grade metamorphosed Triassic mafic volcanics. The NNW trending Big Salmon Fault zone forms the contact between these two rock units. Tertiary felsic subaerial volcanics are located in three areas along the Big Salmon Fault zone. Two of these, the *Marble* and the *Goo* claim areas, probably represent paleovolcanic centers.

Two broad areas of quartz-sericite altered rhyolite have been found within the *Marble* claims. A rock sample collected in 1989 from a silicified rhyolite breccia within a quartz-sericite alteration zone on the *Marble* claims contained 78 ppb gold. Soil samples collected in 1989 from the Snowcap Creek area on the *Marble* 1-4 claims were moderately anomalous in gold (up to 55 ppb). A total of 36 soil samples were collected on the *Marble* claims during 1990. The highest gold value was 15 ppb and the highest silver value was 0.4 ppm.

Hydrothermal alteration on the *Marble* claims is consistent with Tertiary related epithermal precious metal deposits. Systematic soil sampling using an auger should be carried out in the alteration

zones. Reconnaissance ground magnetometer and VLF-EM surveys may help locate structures related to potential mineralization.

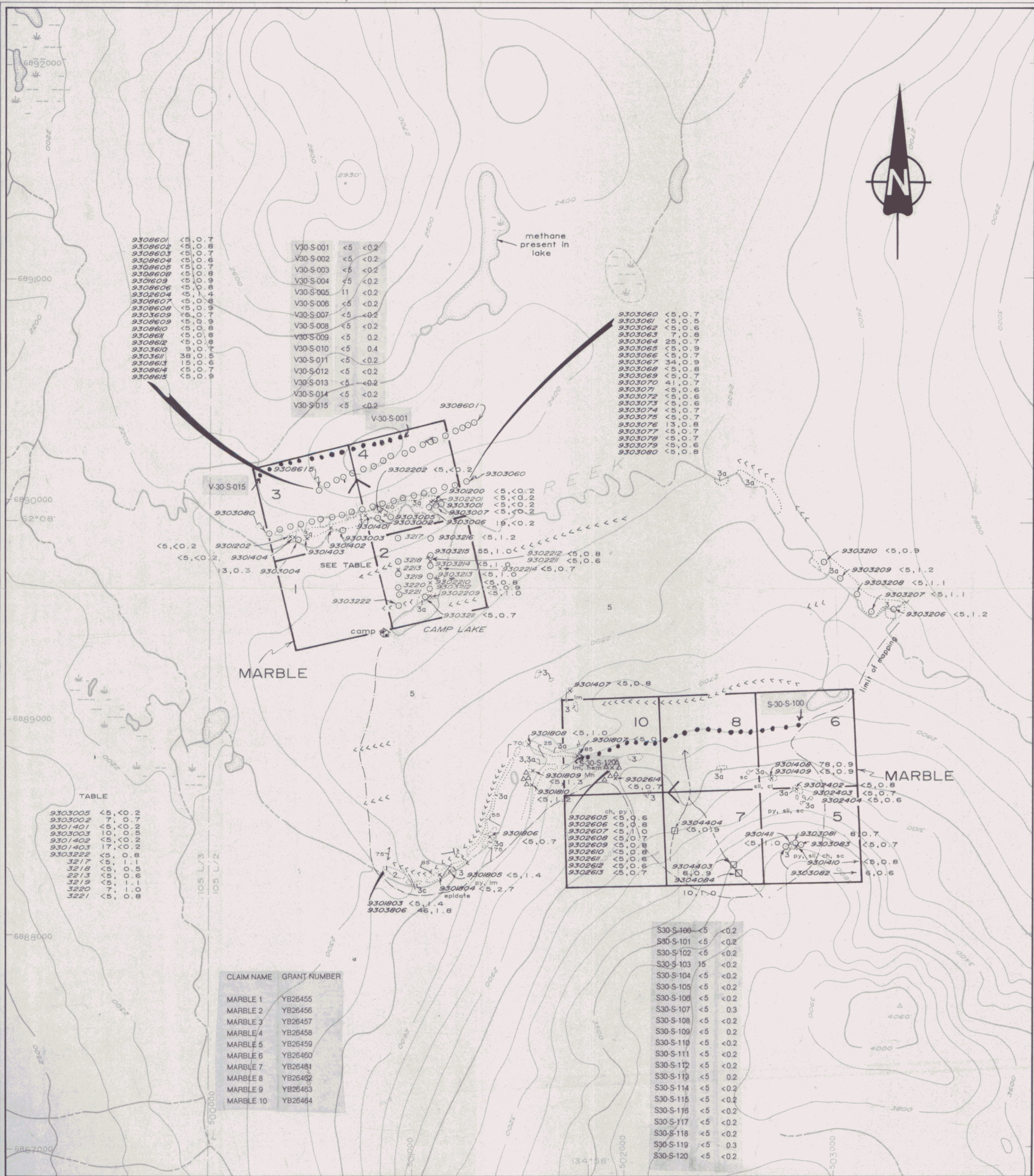
The following budget is recommended for the program.

Geology	\$6,000
Geochemistry	5,000
Geophysics	4,000
Helicopter	5,000
Camp and Field Supplies	2,000
Fuel	200
Truck	500
Freight, Postage	300
Report Writing	4,000
Contingencies	<u>3,000</u>
TOTAL	\$30,000

Jeri Walton

REFERENCES

- Campbell, R.B., 1967: Geology of Glenlyon Map Area, Yukon Territory (105L), G.S.C. Memoir 352, 92 pages.
- Garagan, T.. 1990: 1989 Exploration Report on the Snowcap Project-Magnetometer and VLF-EM Surveys on the Goo Claim, Aurum Geological Consultants Inc. internal company report.
- Hanson, V.L., 1986: Petrotectonic study of the Teslin Suture Zone, Yukon: A Progress Report; in Yukon Geology, Vol. 1; Exploration and Geological Services Division, Yukon. Indian and Northern Affairs Canada, Pages 125-130.



LEGEND

- LITHOLOGIES**
- QUATERNARY, RECENT**
- 5 glacial till, ash, overburden
- TERTIARY**
- 4 basalt, basalt tuff
 - 3 rhyolite, dacite, andesite, dykes, tuffs, and flows, locally spherulitic and/or flow banded
 - 3a - tuffs, lapilli tuffs
 - 3b - epiclastics
 - 3c - andesite
- TRIASSIC or earlier**
- 2 foliated intermediate to basic volcanic rocks
 - 1 quartz-feldspar-muscovite schist, quartz-sericite schist

- SYMBOLS**
- geological contact (defined, approximate, assumed)
 - - - fault (defined, approximate, assumed)
 - ∕ ∕ attitude of bedding (inclined, vertical, dip unknown)
 - ∕ ∕ ∕ attitude of jointing (inclined, vertical, dip unknown)
 - limit of 1989 geological mapping
 - - - trench
 - △△ rubble/float
 - quartz vein
 - lake, swamp
 - stream
 - >>> esker
 - claim post (approximate location)
 - soil/till sample location (1989)
 - soil/till sample location (1990)
 - x rock sample location
 - stream sediment sample location
 - △ heavy mineral sample location

GEOCHEMICAL RESULTS

sample number	Au (ppb)	Ag (ppm)	(1989 Results)	(1990 Results)
x 9301408	< 5	0.8		
S-30-S-100	< 5	< 0.2		

ABBREVIATIONS: py - pyrite, hem - hematite, sil - silicification, ilm - ilmenite, jp - jasper, ch - chalcocopy, cl - clay, sc - sericite

100m 0 100 200 300 400 500 600 700 800 900m
SCALE IN METRES

COMAPLEX MINERALS CORP.
SNOWCAP PROJECT
WHITEHORSE MINING DISTRICT - YUKON TERRITORY

MARBLE CLAIMS AREA
GEOLOGY and GEOCHEMISTRY

MAP#105 L/2 Doc#092870 206

Aurum Geological Consultants Inc. SEPTEMBER, 1990
NTS 105 L/2&3 DRAWN BY LW SCALE 1:12,500 FIGURE: 2

9308601	<5, 0.7
9308602	<5, 0.8
9308603	<5, 0.7
9308604	<5, 0.6
9308605	<5, 0.7
9308606	<5, 0.8
9308607	<5, 0.9
9308608	<5, 0.8
9308609	<5, 0.9
9308610	<5, 0.8
9308611	<5, 0.9
9308612	<5, 0.8
9308613	<5, 0.7
9308614	<5, 0.7
9308615	<5, 0.9

V30-S-001	<5, <0.2
V30-S-002	<5, <0.2
V30-S-003	<5, <0.2
V30-S-004	<5, <0.2
V30-S-005	11, <0.2
V30-S-006	<5, <0.2
V30-S-007	<5, <0.2
V30-S-008	<5, <0.2
V30-S-009	<5, 0.2
V30-S-010	<5, 0.4
V30-S-011	<5, <0.2
V30-S-012	<5, <0.2
V30-S-013	<5, <0.2
V30-S-014	<5, <0.2
V30-S-015	<5, <0.2

9303060	<5, 0.7
9303061	<5, 0.5
9303062	<5, 0.6
9303063	7, 0.8
9303064	25, 0.7
9303065	<5, 0.7
9303066	<5, 0.7
9303067	34, 0.9
9303068	<5, 0.8
9303069	<5, 0.7
9303070	41, 0.7
9303071	<5, 0.6
9303072	<5, 0.6
9303073	<5, 0.6
9303074	<5, 0.7
9303075	<5, 0.7
9303076	13, 0.8
9303077	<5, 0.7
9303078	<5, 0.7
9303079	<5, 0.6
9303080	<5, 0.8

TABLE

9303005	<5, <0.2
9303002	7, 0.7
9301401	<5, <0.2
9303003	10, 0.5
9301402	<5, <0.2
9301403	17, <0.2
9303222	<5, 0.8
3217	<5, 1.1
3218	<5, 0.5
3219	<5, 0.6
3220	<5, 1.1
3221	<5, 0.8

CLAIM NAME	GRANT NUMBER
MARBLE 1	YB26455
MARBLE 2	YB26456
MARBLE 3	YB26457
MARBLE 4	YB26458
MARBLE 5	YB26459
MARBLE 6	YB26460
MARBLE 7	YB26461
MARBLE 8	YB26462
MARBLE 9	YB26463
MARBLE 10	YB26464

S30-S-100	<5, <0.2
S30-S-101	<5, <0.2
S30-S-102	<5, <0.2
S30-S-103	15, <0.2
S30-S-104	<5, <0.2
S30-S-105	<5, <0.2
S30-S-106	<5, <0.2
S30-S-107	<5, 0.3
S30-S-108	<5, <0.2
S30-S-109	<5, 0.2
S30-S-110	<5, <0.2
S30-S-111	<5, <0.2
S30-S-112	<5, <0.2
S30-S-113	<5, 0.2
S30-S-114	<5, <0.2
S30-S-115	<5, <0.2
S30-S-116	<5, <0.2
S30-S-117	<5, <0.2
S30-S-118	<5, <0.2
S30-S-119	<5, 0.3
S30-S-120	<5, <0.2

APPENDIX A

**Analytical Methods
Analytical Results**



REPORT: V90-36158.0 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: 30SUBMITTED BY: L. WALTON
DATE PRINTED: 2-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	36	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	36	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	36	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	36	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	36	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	36	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	36	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	36	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	36	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	36	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
17	Cr Chromium	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	36	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	36	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	36	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	36	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	36	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	36	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	36	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	36	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
29	Hg Mercury	36	0.010 PPM	HNO3-HCl-SnSO4	Cold Vapour AA

Bondar-Clegg & Company Ltd.

136 Industrial Road
Whitehorse, Yukon Territory Y1A 2V1
Phone: (403) 667-6523
Telex: 036-8-460



Geochemical
Lab Report

REPORT: V90-36158.0 (COMPLETE)

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.
PROJECT: 30

SUBMITTED BY: L. WALTON
DATE PRINTED: 2-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	36	1 -80	36	DRY, SIEVE -80	36

REPORT COPIES TO: P.O. BOX 4367

INVOICE TO: P.O. BOX 4367



REPORT: V90-36158.0

DATE PRINTED: 2-AUG-90

PROJECT: 30

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
S1 530-S-100		<5	<0.2	13	6	31	2	15	5	<1	<5	18
S1 530-S-101		<5	<0.2	20	8	45	<1	20	7	<1	<5	16
S1 530-S-102		<5	<0.2	13	9	37	<1	8	4	<1	<5	5
S1 530-S-103		15	<0.2	6	98	15	7	46	3	<1	<5	<5
S1 530-S-104		<5	<0.2	22	10	49	<1	23	7	<1	<5	12
S1 530-S-105		<5	<0.2	6	4	23	<1	4	3	<1	<5	<5
S1 530-S-106		<5	<0.2	15	7	43	<1	15	7	<1	<5	6
S1 530-S-107		<5	0.3	20	9	43	<1	21	8	<1	<5	14
S1 530-S-108		<5	<0.2	13	10	40	<1	9	5	<1	<5	7
S1 530-S-109		<5	0.2	15	7	41	<1	14	6	<1	<5	6
S1 530-S-110		<5	<0.2	20	7	46	1	22	7	<1	<5	18
S1 530-S-111		<5	<0.2	8	6	25	<1	5	3	<1	<5	<5
S1 530-S-112		<5	<0.2	5	4	15	<1	3	2	<1	<5	<5
S1 530-S-113		<5	0.2	6	3	21	<1	3	2	<1	<5	5
S1 530-S-114		<5	<0.2	15	8	46	<1	16	7	<1	<5	14
S1 530-S-115		<5	<0.2	15	8	44	1	16	10	<1	<5	<5
S1 530-S-116		<5	<0.2	12	6	30	<1	9	4	<1	<5	<5
S1 530-S-117		<5	<0.2	20	9	43	<1	20	7	<1	<5	17
S1 530-S-118		<5	<0.2	20	7	43	<1	18	7	<1	<5	11
S1 530-S-119		<5	0.3	20	11	68	3	17	13	<1	<5	9
S1 530-S-120		<5	<0.2	21	12	43	2	20	8	<1	<5	17
S1 V30-S-001		<5	<0.2	8	7	32	<1	12	5	<1	<5	11
S1 V30-S-002		<5	<0.2	10	5	25	<1	7	4	<1	<5	13
S1 V30-S-003		<5	<0.2	8	7	29	<1	11	4	<1	<5	<5
S1 V30-S-004		<5	<0.2	9	6	30	<1	11	5	<1	<5	6
S1 V30-S-005		<5	<0.2	10	7	37	<1	9	5	<1	<5	11
S1 V30-S-006		<5	<0.2	8	6	28	<1	9	4	<1	<5	9
S1 V30-S-007		<5	<0.2	9	6	35	<1	9	4	<1	<5	6
S1 V30-S-008		<5	<0.2	13	9	38	<1	14	7	<1	<5	14
S1 V30-S-009		<5	0.2	9	6	78	<1	9	5	<1	<5	5
S1 V30-S-010		<5	0.4	6	10	57	4	6	3	<1	<5	47
S1 V30-S-011		<5	<0.2	8	5	34	<1	10	4	<1	<5	<5
S1 V30-S-012		<5	<0.2	10	8	51	<1	15	7	<1	<5	13
S1 V30-S-013		<5	<0.2	15	6	35	<1	13	7	<1	<5	8
S1 V30-S-014		<5	<0.2	10	5	24	<1	6	3	<1	<5	17
S1 V30-S-015		<5	<0.2	10	7	26	<1	13	5	<1	<5	8



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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PCT	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
S1 S30-S-100		<5	2.27	0.01	<10	75	19	45	<20	<10	9	0.97
S1 S30-S-101		<5	2.61	0.02	<10	131	24	39	<20	<10	20	1.10
S1 S30-S-102		<5	1.95	0.02	<10	119	15	44	<20	<10	14	0.82
S1 S30-S-103		<5	1.15	<0.01	<10	22	65	34	82	<10	1	0.29
S1 S30-S-104		<5	3.08	0.02	<10	101	32	51	<20	<10	21	1.61
S1 S30-S-105		<5	1.32	<0.01	<10	52	7	35	<20	<10	6	0.40
S1 S30-S-106		<5	2.15	0.03	<10	126	23	39	<20	<10	14	1.09
S1 S30-S-107		<5	2.75	0.02	<10	128	26	38	<20	<10	18	1.13
S1 S30-S-108		<5	2.04	0.02	<10	126	16	45	<20	<10	14	0.87
S1 S30-S-109		<5	2.04	0.03	<10	123	20	35	<20	<10	13	0.95
S1 S30-S-110		<5	2.98	0.02	<10	97	30	49	<20	<10	20	1.56
S1 S30-S-111		<5	1.53	0.01	<10	71	9	39	<20	<10	7	0.50
S1 S30-S-112		<5	0.94	<0.01	<10	22	5	28	<20	<10	1	0.30
S1 S30-S-113		<5	1.68	<0.01	<10	24	7	45	<20	<10	3	0.58
S1 S30-S-114		<5	2.10	0.03	<10	142	23	38	<20	<10	13	1.16
S1 S30-S-115		<5	2.36	0.05	<10	131	23	41	<20	<10	14	1.15
S1 S30-S-116		<5	1.50	0.02	<10	79	11	30	<20	<10	13	0.68
S1 S30-S-117		<5	2.59	0.02	<10	128	23	38	<20	<10	19	1.07
S1 S30-S-118		<5	2.45	0.02	<10	124	21	35	<20	<10	19	0.97
S1 S30-S-119		<5	3.22	0.07	<10	147	26	58	<20	<10	43	1.41
S1 S30-S-120		<5	2.99	0.02	<10	94	24	38	<20	<10	15	1.37
S1 V30-S-001		<5	2.31	0.01	<10	87	24	45	<20	<10	10	0.96
S1 V30-S-002		<5	2.03	0.01	<10	75	13	39	<20	<10	8	0.64
S1 V30-S-003		<5	2.02	0.01	<10	83	20	42	<20	<10	8	0.86
S1 V30-S-004		<5	1.97	0.01	<10	106	20	42	<20	<10	8	0.94
S1 V30-S-005		<5	2.60	0.01	<10	72	16	46	<20	<10	9	1.05
S1 V30-S-006		<5	2.14	0.01	<10	62	17	40	<20	<10	10	0.78
S1 V30-S-007		<5	1.73	0.02	<10	87	16	36	<20	<10	8	0.85
S1 V30-S-008		<5	2.94	0.02	<10	102	23	45	<20	<10	11	1.17
S1 V30-S-009		<5	2.22	0.01	<10	112	17	39	<20	<10	10	1.09
S1 V30-S-010		<5	1.88	0.01	<10	50	10	30	<20	<10	9	0.79
S1 V30-S-011		<5	2.03	0.01	<10	93	15	47	<20	<10	5	0.79
S1 V30-S-012		<5	2.53	0.02	<10	90	27	48	<20	<10	11	1.16
S1 V30-S-013		<5	2.33	0.02	<10	136	16	52	<20	<10	14	0.93
S1 V30-S-014		<5	1.50	<0.01	<10	59	9	29	<20	<10	6	0.62
S1 V30-S-015		<5	2.27	0.01	<10	108	24	44	<20	<10	10	1.17



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SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Hg PPM
S1 S30-S-100		0.29	0.21	<0.05	0.05	12	3	<0.010
S1 S30-S-101		0.48	0.48	<0.05	0.07	23	9	<0.010
S1 S30-S-102		0.21	0.33	<0.05	<0.05	21	4	0.027
S1 S30-S-103		<0.05	0.06	<0.05	<0.05	9	1	<0.010
S1 S30-S-104		0.64	0.35	<0.05	0.07	19	8	<0.010
S1 S30-S-105		0.11	0.17	<0.05	<0.05	13	2	<0.010
S1 S30-S-106		0.45	0.83	<0.05	0.05	31	6	0.010
S1 S30-S-107		0.52	0.42	<0.05	0.07	20	7	0.011
S1 S30-S-108		0.25	0.33	<0.05	<0.05	21	4	0.012
S1 S30-S-109		0.38	0.91	<0.05	<0.05	32	7	0.166
S1 S30-S-110		0.61	0.33	<0.05	0.07	18	6	<0.010
S1 S30-S-111		0.13	0.22	<0.05	<0.05	15	2	0.025
S1 S30-S-112		0.05	0.07	<0.05	<0.05	9	<1	0.026
S1 S30-S-113		0.07	0.07	<0.05	<0.05	8	1	0.028
S1 S30-S-114		0.46	0.96	<0.05	0.06	35	6	0.038
S1 S30-S-115		0.45	0.79	<0.05	0.05	30	6	0.046
S1 S30-S-116		0.18	0.25	<0.05	<0.05	15	6	0.036
S1 S30-S-117		0.48	0.45	<0.05	0.07	22	9	0.045
S1 S30-S-118		0.44	0.45	<0.05	0.06	21	9	0.065
S1 S30-S-119		0.42	0.34	<0.05	0.06	24	16	0.075
S1 S30-S-120		0.53	0.20	<0.05	0.07	13	4	<0.010
S1 V30-S-001		0.40	0.30	<0.05	0.07	19	3	0.013
S1 V30-S-002		0.23	0.16	<0.05	0.05	12	2	0.025
S1 V30-S-003		0.30	0.24	<0.05	0.07	15	2	<0.010
S1 V30-S-004		0.29	0.29	<0.05	<0.05	17	3	0.039
S1 V30-S-005		0.34	0.13	<0.05	<0.05	10	2	0.032
S1 V30-S-006		0.28	0.18	<0.05	0.07	13	2	0.012
S1 V30-S-007		0.24	0.23	<0.05	0.06	15	3	0.024
S1 V30-S-008		0.34	0.28	<0.05	0.06	15	4	0.039
S1 V30-S-009		0.30	0.17	<0.05	0.05	13	3	0.019
S1 V30-S-010		0.13	0.13	<0.05	0.07	12	2	<0.010
S1 V30-S-011		0.18	0.19	<0.05	<0.05	14	2	0.045
S1 V30-S-012		0.36	0.25	<0.05	0.08	16	3	0.046
S1 V30-S-013		0.21	0.30	<0.05	0.06	19	6	0.034
S1 V30-S-014		0.15	0.12	<0.05	<0.05	9	1	<0.010
S1 V30-S-015		0.35	0.25	<0.05	<0.05	15	3	<0.010

APPENDIX B

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Lori A. Walton with business address:

Aurum Geological Consultants Inc.
Box 4367
Whitehorse, Yukon
Y1A 3T5

do hereby certify that:

1. I am a practicing geologist.
2. I hold a Bachelor of Science (Specialization) Degree (1982) from the University of Alberta.
3. I hold a Master of Science Degree (1987) from the University of Alberta.
4. I have been working in the field of mineral exploration since May of 1980.
5. I have no direct or indirect interest in the properties of Comaplex Minerals Corp.
6. I consent to the use of this report in a company report or statement, provided that no portion is used out of context in such a manner as to convey a meaning materially from that set out in the whole.

Dated at Whitehorse, Yukon, this 26th day of Sept. , 1990



Lori A. Walton, M.Sc.

APPENDIX C
Statement of Costs

STATEMENT OF COSTS

MARBLE 1-4, MARBLE 5-10 CLAIMS JULY 7-8, 1990

Labour:

S. Tufford	
2.0 mandays @ \$275/day	\$550.00
V. Celuszak	
2.0 mandays @ \$275/day	550.00
L. Walton, M.Sc.	
2.0 mandays @ \$300/day	<u>600.00</u>
Total Labor Costs	\$1,700.00

Rentals:

Truck Rental	
2 days @ \$100/day	\$200.00
Canoe Rental	
1 day @ \$100/day	<u>100.00</u>
Total Rental Costs	\$300.00

Expenses

Gasoline	\$85.24
Sample Bags, Maps, Flagging	\$50.00
Postage	<u>\$23.00</u>
Total Expenses	\$158.24

Geochemistry

All samples sent to Bondar-Clegg and Co. Ltd. Lab,
Whitehorse, Yukon

36 soil samples

 Prep @ \$1.35/sample
 Gold-AA/FA @ \$7.75/sample
 28 element ICP @ \$8/sample
 Mercury-Cold Vapor @ \$5/sample

Total Geochemistry \$795.60

TOTAL COSTS FOR ASSESSMENT PURPOSES \$2,953.84

10 claims for two years \$2,000.00

Assessment Fees \$100.00