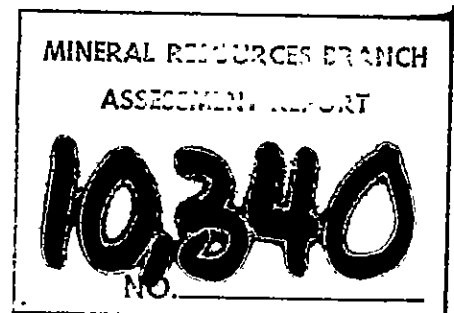


GEOCHEMICAL REPORT
TLC 1 MINERAL CLAIM
LAT. 56°35' North LONG. 126°45' West
N.T.S. 94-D-10E and 10W
OMINECA MINING DIVISION
BRITISH COLUMBIA

for
GOLDEN RULE RESOURCES LTD.
Calgary, Alberta

by
Michael Fox, P.Geol.
TAIGA CONSULTANTS LTD.
Calgary, Alberta

1982 MARCH

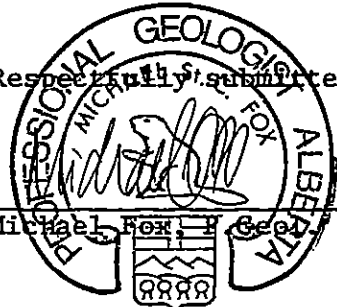


CERTIFICATE

I, the undersigned, of the City of Calgary in the Province of Alberta, do hereby certify that:

1. I am a Consulting Geologist with an office at #100, 1300 - 8th St. S.W., Calgary, Alberta;
2. I am a graduate of the University of British Columbia with a B.Sc. in Geology (1974);
3. I have worked in the field of mineral exploration since 1965;
4. I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

Respectfully submitted

A circular seal for the Association of Professional Geologists of Alberta. The outer ring contains the text "PROFESSIONAL GEOLOGIST ALBERTA". Inside the ring, the name "MICHAEL FOX" is written in a stylized font. Below the name is a small crest or logo featuring a shield with a mountain range and the letters "RRRR".
Michael Fox, P. Geol.

November 1981

10, 11, 12

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SUMMARY

Helicopter-supported reconnaissance stream silt sampling and prospecting carried out at the TLC 1 claim in August, 1981, did not locate any exploration targets of interest.

INTRODUCTION

Location and Access

The TLC 1 claim is located in N.T.S. map area 94-D-10E and 10W, approximately 385 km northwesterly from Prince George, British Columbia (Figure 1). The claim is situated about two km above the mouth of a southwesterly flowing tributary of Two Lake Creek, which enters Two Lake Creek approximately five km above the confluence of the latter with Sustut River. The approximate geographic coordinates of the claim are 56°35' North latitude and 126°45' West longitude (Figure 2). Access is by helicopter.

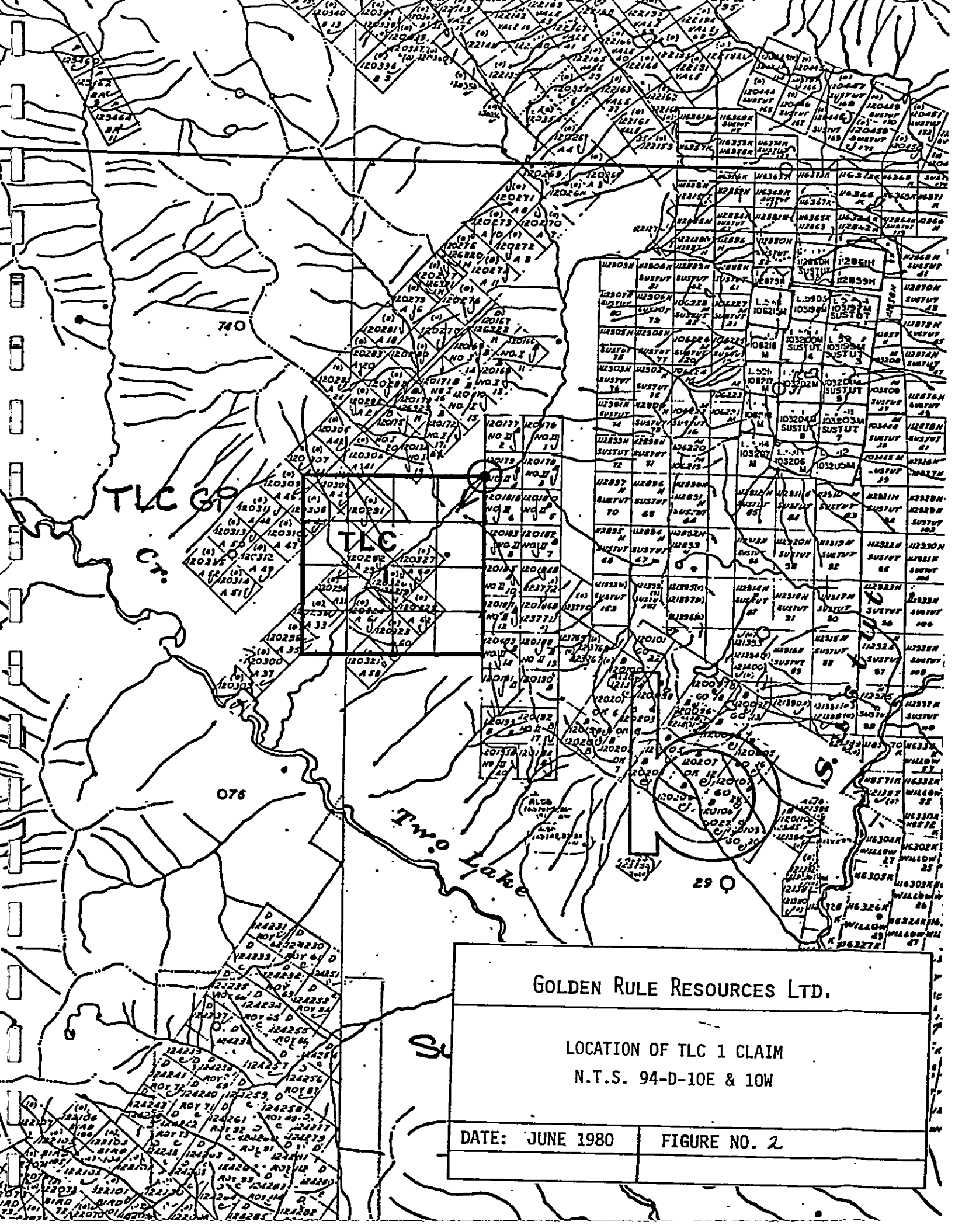
Property and Ownership

The TLC 1 mineral claim, record number 2696, consisting of 16 units, was recorded April 8, 1980. The claim is located in the Omineca Mining Division and is entirely owned by Golden Rule Resources Ltd. of Calgary, Alberta.

Physiography and Glaciation

The claim lies within the Omineca Mountains, a glaciated region characterized by wide, U-shaped, drift-filled major valleys, and deeply cut, V-shaped upland valleys. Mountain peaks in the area average 1980 m (6500') to 2143 m (7000') ASL in elevation. Sustut Peak, at 2649 (8100') ASL, 13 km to the east, is the highest peak in the area.

The TLC 1 claim is situated over a deep, steep-walled northeasterly-oriented valley drained by a southwesterly flowing tributary of Two Lake Creek. Topographic relief at the property is extreme, ranging from approximately 1000 m (3300') ASL to 1829 m (6000') ASL.



GOLDEN RULE RESOURCES LTD.

LOCATION OF TLC 1 CLAIM
N.T.S. 94-D-10E & 10W

DATE: JUNE 1980

FIGURE NO. 2

1981 Exploration

Work carried out at the TLC 1 claim in August, 1981, consisted of reconnaissance stream silt sampling and prospecting. A total of 61 stream silt samples were collected and analyzed for Au and Ag. Attempts were made (unsuccessfully) to relocate the "A" No.'s 1 and 2 Cu-Ag occurrence.

GEOLOGY

The claims are underlain by lower Jurassic rocks of the Telkwa Formation, which is equivalent to the Toodoggone Formation in the Toodoggone River map area (N.T.S. 94-E). The Telkwa Formation is comprised of calcalkaline basalt, andesite, dacite, and rhyolite flows, breccias, tuffs, lahars, and intravolcanic fanglomerate, conglomerate, sandstone, and siltstone. Thick beds of polymictic conglomerate containing Permian and Triassic volcanic clasts provide a distinctive marker horizon in some areas. The Talkwa Formation rocks are extensively block-faulted in the claim area. Dips are variable, ranging from 15° to 55° with steeper dips predominating in the vicinity of the claim.

According to provincial mineral deposit maps, the TLC claim encompasses the "A" No.'s 1 and 2 Cu-Ag occurrence, where Cu and Ag values occur in disseminations, fracture fillings, and veins in shear zones mineralized with chalcopyrite, bornite, and chalcocite. Host rocks are reported to be an ash flow unit and a volcaniclastic unit of the Telkwa Formation. No mineral occurrences conforming to this description were noted by prospectors during their work at the TLC claim.

GEOCHEMISTRY

A total of 61 stream silt samples were collected along reconnaissance traverses carried out at the TLC claim. These samples were submitted to Acme Analytical Labs Ltd., of Vancouver, British Columbia, for Au and Ag analysis. These analyses were carried out by standard atomic absorption techniques (see Appendix I for details).

No values of interest were found.

CONCLUSIONS AND RECOMMENDATIONS

"First pass" reconnaissance geochemical sampling and prospecting have not located any exploration targets warranting further work. The "A" Cu-Ag occurrence was not relocated and is probably situated on a different tributary of Two Lake Creek.

No further work is recommended.

TLC Claim
Chappelle Project

PERSONNEL

M. Fox	Aug. 22,23	½ day @ \$250.00/diem	125.00	
Derek Newman	Aug. 23	1 day @ \$120.31/diem	120.31	
T. Nelson	Aug. 23	1 day @ \$156.25/diem	156.25	
M. Plumbtree	Aug. 23	1 day @ \$ 91.56/diem	91.56	
H. Larsen	Aug. 23	1 day @ \$ 91.56/diem	91.56	
B. Moffatt	Aug. 23	½ day @ \$120.31/diem	60.16	
Pro Rata		5 man days @ \$29.53	<u>147.65</u>	792.49

HELICOPTER Bell 206

Aug. 23	3.4 hours @ \$375/hour	1,275.00	
Oil	3.4 hours @ \$1.95/hour	6.63	
Fuel	3.4 hours x 100L/hr @ \$1.25/L	<u>425.00</u>	1,706.63

CAMP & ACCOMMODATION

Taiga crew 5 man days, heli crew 1 man day			
Camp Food	6 man days @ \$18	108.00	
Camp Equipment	6 man days @ \$12	72.00	
Pro Rata	6 man days @ \$6.06	<u>36.36</u>	216.36

TRANSPORTATION

3/4-ton 4x4 truck			
Pro Rata	6 man days @ \$4.88		29.28

EQUIPMENT RENTALS

Two SBX-11 transceiver radios			
Pro Rata	6 man days @ \$2.02		12.12

<u>FUEL</u> - Pro Rata	6 man days @ \$1.27		7.62
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EXPEDITING SERVICES

Pro Rata	6 man days @ \$4.88		29.28
----------	---------------------	--	-------

FIXED-WING SUPPORT

Pro Rata	6 man days @ \$22.77		136.62
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DISPOSABLE SUPPLIES

Pro Rata	6 man days @ \$2.36	14.16	
Sample bags, flagging, notebooks, etc.		<u>27.14</u>	41.30

FREIGHT & COURIER

Pro Rata	6 man days @ \$6.17		37.02
----------	---------------------	--	-------

MISCELLANEOUS

Pro Rata	6 man days @ \$2.48		14.88
----------	---------------------	--	-------

TLC Claim

TRAVEL EXPENSES

Pro Rata 6 man days @ \$14.06 84.36

HANDLING CHARGES (12% on third-party expenses)

Pro Rata 6 man days @ \$3.53 21.18

GEOCHEMICAL ANALYSES

Soil, silt Au/Ag analyses 61 samples @ \$5.40 329.40
12 pulverizations @ \$1.00 12.00 341.40

POST-FIELD EXPENSES

Report preparation, data plotting, etc. 1,000.00
Drafting 150.00
Secretarial 75.00
Photocopying, reproductions 225.00 1,450.00

\$4,920.54

FIXED-WING SUPPORT

		Service	Fuel Mob
Aug. 2	Caribou		2,267.00
5	"	2,039.00	
7	"		2,067.00
11	Cessna 185	449.00	
19	"	497.00	
20	"	491.00	
22	"	491.00	
25	"	491.00	
27	DC-3		2,235.00
31	"	<u>2,306.00</u>	
		6,764.00	<u>6,569.00 = 13,333.00</u>

Service flights: apply to various claim groups on a pro.rata per man day basis $6,764.00 \div 297 = 22.77/\text{man day}$

Fuel Mob flights: apply to various claim groups according to heli hours and average cost per litre for transport:

Aug.2	$\$2267 \div (18 \times 205\text{L drums} = 3690\text{L}) = \$0.6144 + \$0.6101$	
	$= \$1.2245/\text{L} \times 3690 =$	$\$ 4,518.40$
Aug.7	$\$2067 \div (18 \times 205\text{L drums} = 3690\text{L}) = \$0.5602 + \$0.6101$	
	$= \$1.17/\text{L} \times 3690 =$	$\$ 4,317.30$
Aug.27	$\$2235 \div (14 \times 205\text{L drums} = 2870\text{L}) = \$0.7788 + \$0.6096$	
	$= \$1.3884/\text{L} \times 2870 =$	$\$ 3,984.71$
	<u>10250L</u>	<u>\$12,820.41</u>

\$1.251/L average cost
 \$125.10 fuel cost per heli hour

A P P E N D I X I

Analytical Techniques

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

Telephone : 253 - 3158

GEOCHEMICAL LABORATORY METHODOLOGY - 1981

SAMPLE PREPARATION

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis for Ag*, Bi*, Cd*, Co, Cu, Fe, Mn, Mo, Ni, Pb, Sb*, V, Zn

0.5 gram samples are digested hot dilute aqua regia in a boiling water bath and diluted to 10 ml with dimineralized water.

All the above elements are determined in the acid solution by Atomic Absorption.

* demotes background correction.

Geochemical Analysis for Au

10.0 gram samples that have been ignited overnite at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au, Pd, Pt, Rh

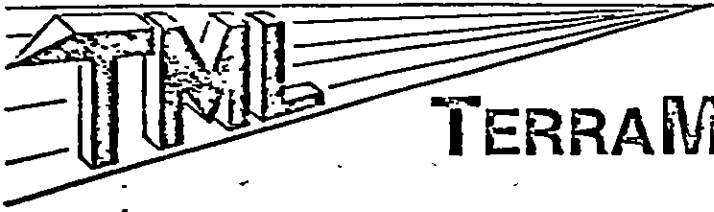
10.0 - 30.0 gram samples are subjected to Fire assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt, and Rh are determined in the solution by Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml.

As is determined in the solution by Graphite Furnace Atomic Absorption.



TERRAMIN RESEARCH LABS LTD.

14-2235 - 30th Avenue N.E. Calgary, Alberta T2E 7C7
(403) 276-8668

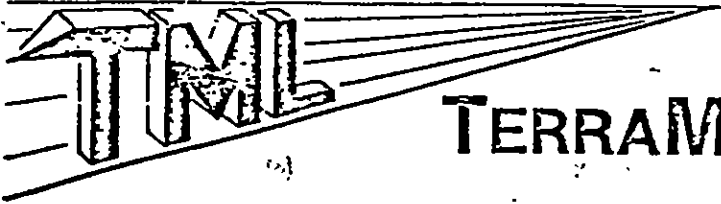
GOLDEN RULE RESOURCES

SAMPLE PREPARATION

Soil and sediment samples are dried and sieved to -80 mesh (approx. 200 micron).

Rock Samples:

The entire sample is crushed to approx. 1/8" maximum, and split divided to obtain a representative portion which is pulverized to -200 mesh (approx 90 micron).



TERRAMIN RESEARCH LABS LTD.

14-2235 - 30th Avenue N.E. Calgary, Alberta T2E 7C7
(403) 276-8668

GOLDEN RULE RESOURCES

ANALYTICAL METHOD FOR GOLD AND SILVER

Approximately 1 assay ton of prepared sample is fused with a litharge/flux charge to obtain a lead button. The lead button is cupelled to obtain a prill. The prill is dissolved in nitric/hydrochloric acids (aqua regia), and the resulting solution is analysed by atomic absorption spectroscopy.

A P P E N D I X I I

Geochemical Analyses



To: Golden Rule Resources Ltd.,
150 - 1300, 8th S.W.
Calgary, Alberta,
T2R 1P2

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone: 253-3158

File No. 81-1443

Type of Samples Silts

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

TLC Claims (TLC,T)

SAMPLE No.		Ag	Au								
TLC - MP - 1		.1	.005								1
2		.2	.005								2
3		.1	.005								3
4		.1	.005								4
5		.1	.005								5
6		.1	.005								6
7		.1	.005								7
8		.1	.005								8
9		.1	.005								9
10		.2	.005								10
11		.2	.005								11
12		.2	.005								12
13		.2	.005								13
14		.2	.005								14
15		.2	.005								15
16		.2	.005								16
TLC - MP - 17		.3	.005								17
											18
TLC - HL - 1		.2	.005								19
2		.1	.005								20
3	P	.1	.005								21
4	P	.1	.005								22
5	P	.2	.005								23
6	P	.1	.005								24
7	P	.1	.005								25
8		.2	.005								26
9	P	.1	.005								27
10		.2	.005								28
11	P	.1	.005								29
12	P	.2	.005								30
13	P	.1	.005								31
14	P	.1	.005								32
15	P	.1	.005								33
16	P	.1	.005								34
17		.1	.005								35
TLC - HL - 18		.1	.005								36
											37
											38
											39
											40

All reports are the confidential property of clients
All results are in PPM.

DIGESTION: _____

DETERMINATION: _____

DATE SAMPLES RECEIVED Sept. 24, 1981

DATE REPORTS MAILED Oct. 1, 1981

ASSAYER DLT

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Golden Rule Resources Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

: phone:253 - 3158

File No. 81-1443

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

TLC Claims (TLC,T)

SAMPLE No.	Ag	Au																		
TLC - TN - ST 1	.1	.005																		1
2	.1	.005																		2
4	.4	.005																		3
5	.3	.005																		4
6	.2	.005																		5
7	.2	.005																		6
8	.2	.005																		7
9	.4	.005																		8
10	.3	.005																		9
11	.1	.005																		10
12	.1	.005																		11
13	.1	.005																		12
14	.1	.005																		13
15	.1	.005																		14
16	.1	.005																		15
18	.3	.005																		16
19	.2	.005																		17
20	.2	.005																		18
21	.2	.005																		19
22	.2	.005																		20
23	.1	.005																		21
24	.1	.005																		22
26	.2	.005																		23
27	.1	.005																		24
28	.1	.005																		25
TLC - TN - ST29	.1	.005																		26
																				27
																				28
																				29
																				30
																				31
																				32
																				33
																				34
																				35
																				36
																				37
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All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

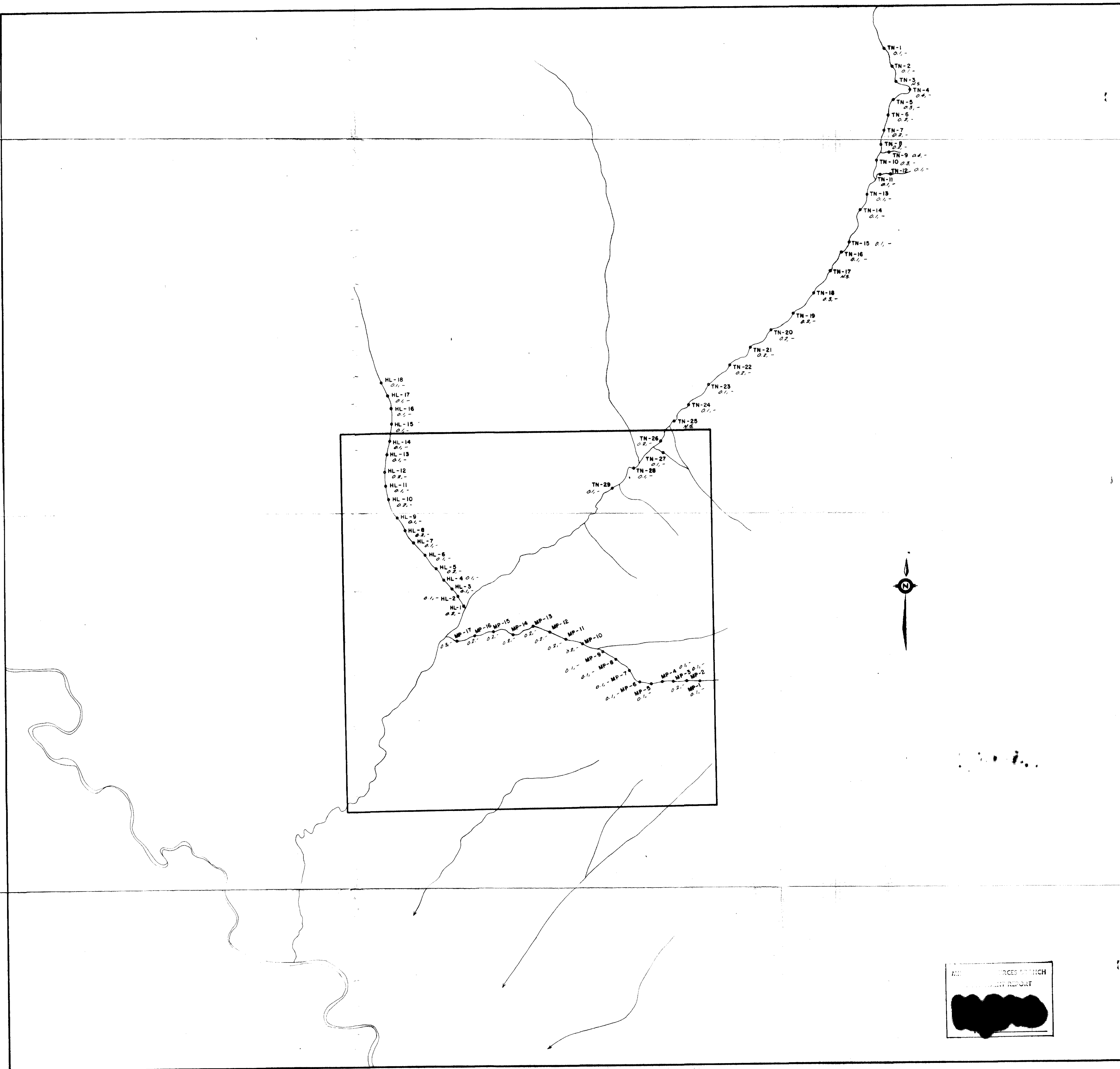
DATE SAMPLES RECEIVED Sept. 24, 1981

DATE REPORTS MAILED Oct. 1, 1981

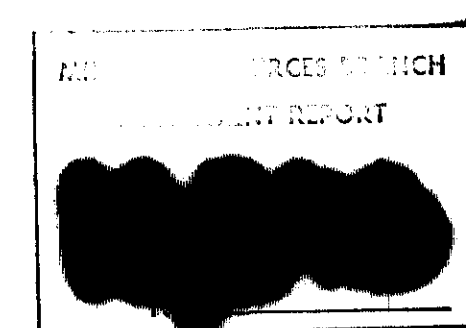
ASSAYER

SKG-j

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



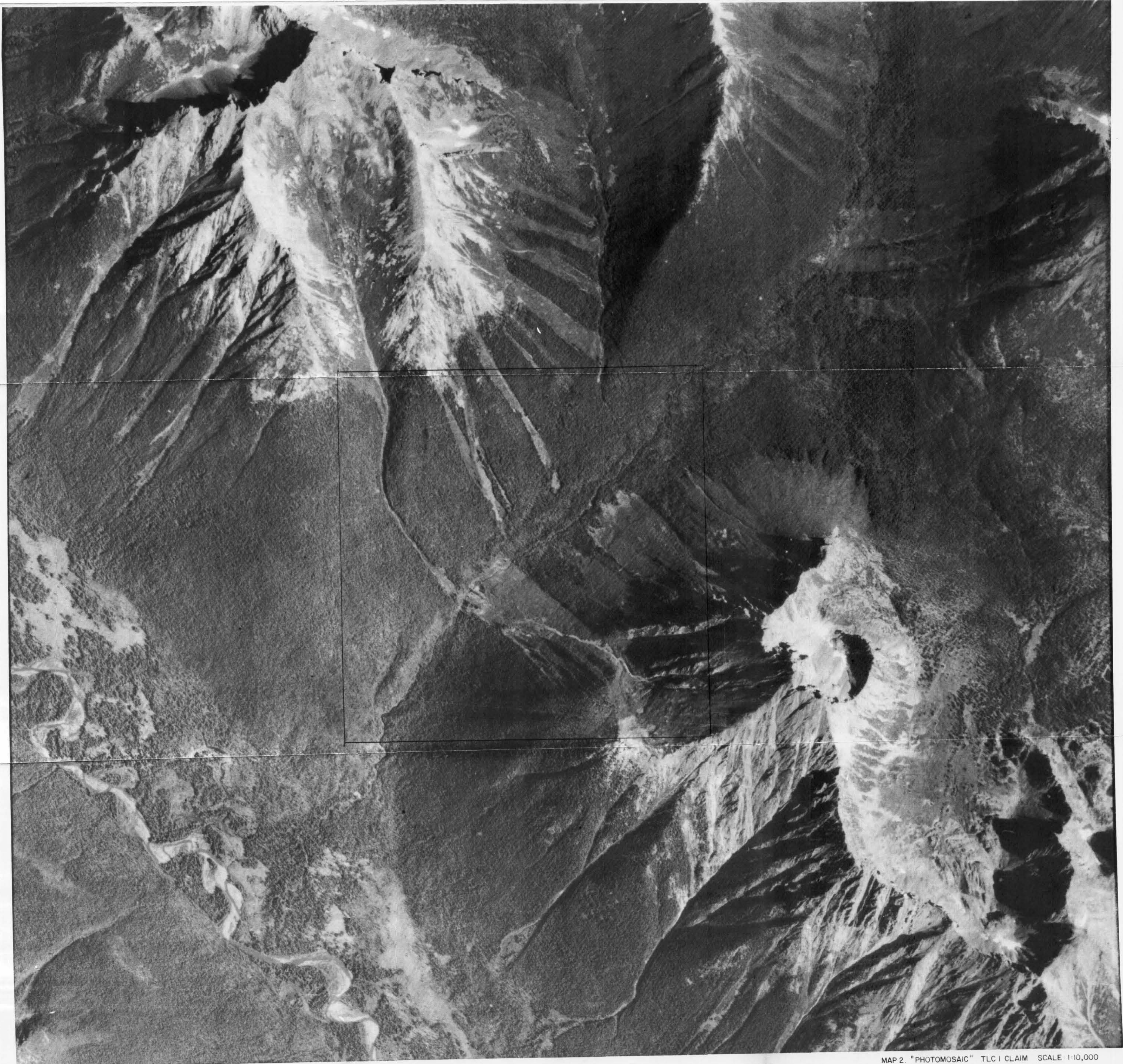
° MP-6 0.1 - Ag (ppm), Au (all values 005ppm)



GOLDEN RULE RESOURCES LTD.	
CHAPPELLE PROJECT	
SILT SAMPLE LOCATIONS AND	
Ag, Au GEOCHEMICAL VALUES	
DATE MARCH, 1982	TLC CLAIM
PROJECT GR-BC-7	MAPPED/DRAWN BY M. FOX
SCALE 1:10,000	0 100 200 300 400 500 METRES
TAIGA CONSULTANTS LTD	MAP

10,340

MINING BRANCH
AERIAL REPORT
10,340
NO.



MAP 2. "PHOTOMOSAIC" TLC CLAIM SCALE 1:10,000

0 100 200 300 400 500
METRES

