

A REPORT ON THE
GEOLOGICAL-GEOCHEMICAL SURVEY
ON
SLEWISKIN PROPERTY, NAKUSP AREA
SLOCAN MINING DIVISION
NTS 82/K 4E

50°4'30"N; 117°39'45"W

FOR

TILLICUM GOLD MINES LTD.
319-470 Granville Street
Vancouver, B.C.

BY

HAROLD M. JONES, P.Eng.
APRIL 15, 1984

HAROLD M. JONES, P.ENG.
CONSULTING GEOLOGIST

TABLE OF CONTENTS

	PAGE
SUMMARY.....	1
INTRODUCTION.....	2
PROPERTY.....	3
GEOLOGY.....	4
General Geology.....	4
Local Geology.....	4
MINERALIZATION.....	6
GEOCHEMICAL SURVEY.....	7
GEOCHEMICAL RESULTS.....	8
Gold Geochemical Results.....	8
Silver Geochemical Results.....	8
CONCLUSIONS.....	10
RECOMMENDATIONS.....	10
COST ESTIMATE.....	11
REFERENCE.....	12
CERTIFICATE.....	13

LIST OF ILLUSTRATIONS

Figure 1	Location Map	Following	2
Figure 2	Claim Map	Following	3
Figure 3	Geology Map	Following	4
Figure 4	Geochemical Map	Following	7

SUMMARY

The Slewiskin property is located in the Slocan Mining Division 20 km southeast of Nakusp. It is readily accessible by a government highway, forest access road and local logging roads.

The property is underlain by Upper Mississippian to Lower Jurassic Milford and Slocan Group metavolcanics, metasediments, sediments and flows. Jurassic and/or Cretaceous stocks envelop the above rocks as well as occurring within them as small stocks or plugs.

The contacts between the intrusives and Milford Group rocks are favorable areas for gold mineralization on the LaTeko-Esperanza property. One such contact occurs on or near the southeast edge of the Slewiskin property. Several other contacts between intrusive and Slocan Group rocks are also present.

The writer examined the property on June 11, 1983 and prepared a report on it (Jones 1983). He concluded that the geology on the Slewiskin property has many similarities with that on the LaTeko-Esperanza property, and for this reason may have rocks favorable for hosting gold mineralization.

The writer recommended an exploration program on the property's Stage I of which, costing \$ 50,000, included geological-geochemical surveys. A part of this program was conducted during 1983. Results of this work indicate several areas anomalous in gold and silver, some of which may reflect mineralized quartz veins in the Ruby Range Stock.

It is recommended that Stage I be reduced to \$ 30,000 and only known anomalous areas be examined by detailed soil sampling rather than completing the sampling of the entire property. A Stage II program is recommended to test areas of interest by trenching and drilling. Stage II is estimated to cost \$ 100,000.

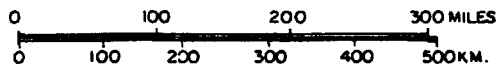
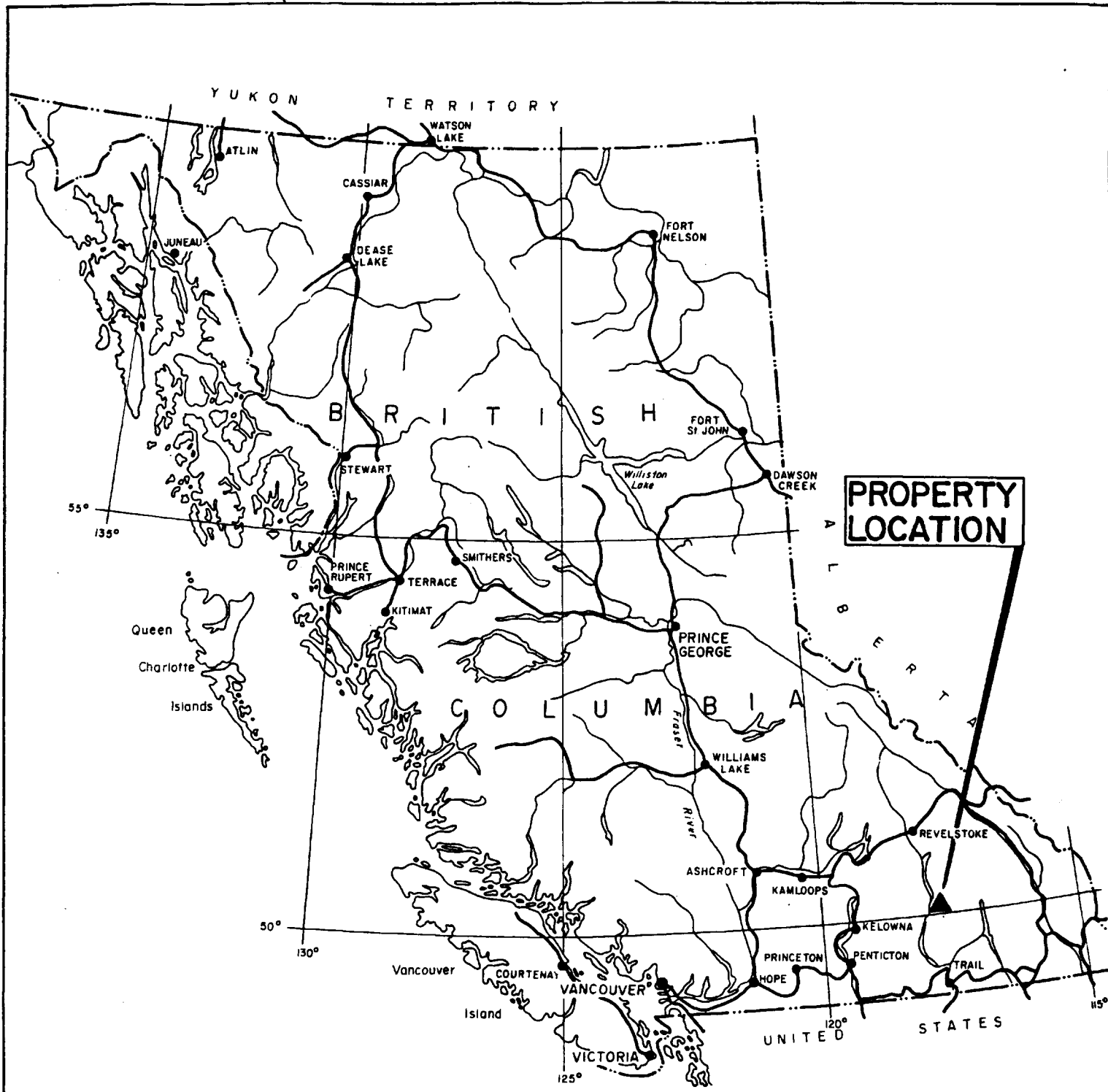
INTRODUCTION

At the request of Mr. Jonathan George, Director of Tillicum Gold Mines Ltd., the writer reviewed the results of the geochemical survey conducted on the company's Slewiskin property during the summer of 1983. The writer had previously examined the property in June 1983 and prepared a report on it in which he recommended, as part of Stage I, a geochemical survey. (Jones 1983). Since complete background information on the property is given in the above report, it will only be summarized here.

The Slewiskin property is located 20 km southeast of Nakusp on the eastern slopes of Silver Mountain. It is readily accessible from Nakusp via Highway 6, the Slewiskin Creek forest access road and numerous good logging roads. (See Figure 1 and 3.)

Topography is moderate to steep and heavily forested. A considerable part of the lower slopes was recently logged. Elevations on the property range from 1200 m to 2440 m.

Historically, the general area of the Tillicum Gold Mines Ltd. property was actively placer-mined between the late 1800's and early 1900's. This work was centered around Burton, 19 km southwest of the property. Following the termination of placer mining, activity persisted in the area until 1930. During this period a number of small gold and silver prospects were discovered and worked. The area was rejuvenated in 1980 with the discovery of a spectacular gold occurrence on Tillicum Mountain, now held under option by Esperanza Explorations Ltd. and LaTeko Resources Ltd.



TILlicum GOLD MINES LTD.		
G. A. NOEL & ASSOCIATES INC.		VANCOUVER, B.C.
SLEWISKIN PROPERTY LOCATION MAP		
NAKUSP AREA		— SLOCAN M.D., B.C.
SCALE : AS SHOWN H.M.J.	APRIL 1984	FIG. 1

PROPERTY

When the property was examined by the writer on June 11, 1983 it consisted of 8 mineral claims, two of which were held under option by the company. The option on these two claims - Big 3-1 and Big 3-2 has since been terminated.

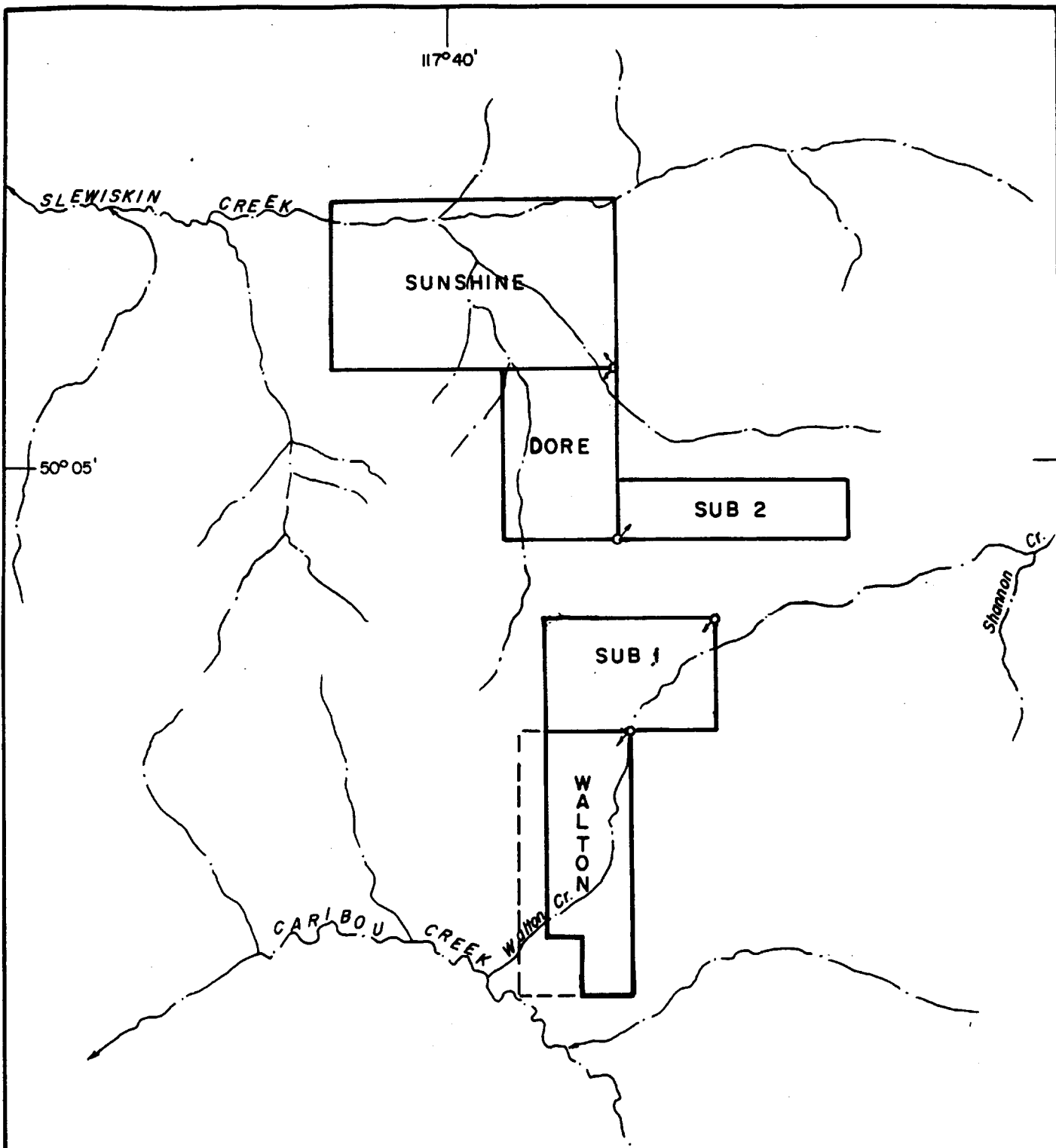
A part of the 1983 field work consisted of a compass and hip chain survey of the claims. Results of this work confirmed that there was considerable overstaking in the area, including the claims held by Tillicum Gold Mines Ltd. To correct the land situation, all but one of the original claims were abandoned and restaked between September 12-22, 1983.

The following is a list of the claims within the Slewiskin property (see Figure 2).

Claim Name	Record No.	No. of Units	Date of Record
Sunshine	4084	15	23 September/83
Dore	4085	6	23 September/83
Sub No. 1	4086	6	23 September/83
Sub No. 2	4087	4	23 September/83
Walton	3885	10	15 June/83

All claims are owned by Tillicum Gold Mines Ltd., 319-470 Granville Street, Vancouver, B.C.

Any legal aspects pertaining to the claims is beyond the scope of this report.



♂ LEGAL CORNER POST



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SLEWISKIN PROPERTY CLAIM MAP		
NAKUSP AREA — SLOCAN M.D., B.C.		
SCALE 1:50,000	APRIL 1984	FIG 2
H.M.J.		

GEOLOGY

General Geology

The general geology of the area includes Upper Mississippian to Pennsylvanian or Permian Milford Group and Triassic to Lower Jurassic Slocan Group metavolcanics, metasediments, sediments and flows. They lie in a northwesterly-trending belt between the Slocan syncline to the north and the Valhalla dome to the south.

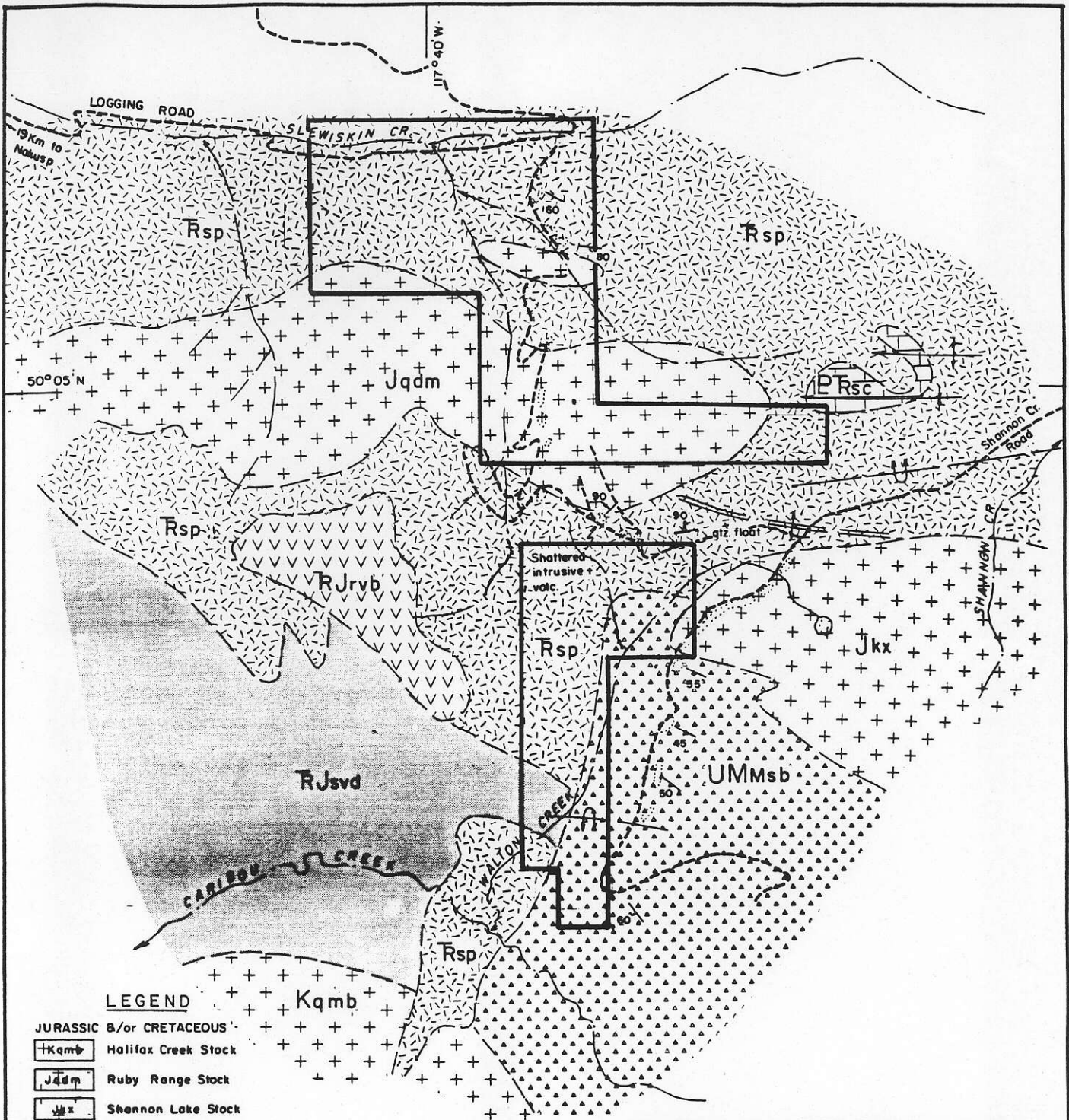
The structure of the area is complex and several periods of folding have been suggested. (Hyndman 1968, Parrish 1981). A generally easterly trend is developed about axial planes which dip to the north and are overturned increasingly southward closer to the Valhalla Dome.

Intrusive rocks post-date the folding events. Jurassic and/or Cretaceous stocks envelop the Milford and Slocan Groups, as well as occurring within them as small stocks or plugs. A considerable part of the property is covered by alluvium which could mask other small stocks or plugs.
















Several intrusive - Slocan Group contacts occur on the northern part of the Slewiskin property, and one intrusive - Milford Group contact on or near the southeastern claim boundary.

Local Geology

A reconnaissance was made by the writer in June 1983 along the main logging roads which extend from Slewiskin Creek to Walton and Shannon Creeks. . Outcrops were mapped on a base map and incorporated into the compilation map prepared for LaTeko Resources Ltd. (Figure 3) The writer made some slight modifications to some geological



LEGEND

- JURASSIC &/or CRETACEOUS
 -  Halifax Creek Stock
 -  Ruby Range Stock
 -  Shannon Lake Stock
- LOWER JURASSIC
 -  Rossland Group
- TRIASSIC TO LOWER JURASSIC - SloCAN Group
 -  Meta-andesite to metadacite, tuffs, flows
 -  Pelitic to silty phyllite & slate, argillite; shale to siltstone, tuff
- UPPER MISSISSIPPIAN TO PENNSYLVANIAN OR PERMIAN
 -  Milford Group
- PROTEROZOIC TO TRIASSIC
 -  Shuswap Metamorphic Complex
-  Outcrop
 -  Bedding, banding
 -  Shearing
 -  Phase I folds
 -  Phase II folds
 -  Overturned antiform
 -  Property outline

Note: Map courtesy La Teko Resources Ltd. with slight modifications by H. Jones, 1983

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**SLEWISKIN PROPERTY
GEOLOGY MAP**

NAKUSP AREA - SLOCAN M.D., B.C.

0 1 2 3 KM

SCALE 1:50,000

APRIL 1984

FIG. 3

H. M. J.



contacts.

Milford Group rocks, which host the Tillicum Mountain deposits, occur on the Walton claim located at the south end of the property.

MINERALIZATION

The geology of the Slewiskin property is similar to that on the LaTeko-Esperanza property. The following is a summary of the types of mineralized zones found to date on the latter property, one or more which could occur on the Slewiskin property:

- (a) Spectacular free gold in massive siliceous calc-silicate with varying amounts of pyrrhotite, pyrite, galena and sphalerite. Calc-silicate occurs as lenses in tuffaceous argillite and dark grey quartz biotite gneiss.
- (b) Ribbon-banded quartz with finely disseminated pyrite, galena and sphalerite overlain by argillite.
- (c) Pyrite, pyrrhotite, galena and sphalerite occur as massive stringers and lenses within a fractured and sheared, thinly bedded, quartz-biotite schist.
- (d) Above sulfides, plus arsenopyrite, occur in quartz veins in fine-grained quartz-muscovite schist.
- (e) Sulfides as fine disseminations and stringers along foliations in interbedded quartz-biotite gneiss and quartzite.
- (f) Massive pyrrhotite with lesser associated sphalerite and galena in conformable bands within pelitic schists of the Milford Group.

GEOCHEMICAL SURVEY

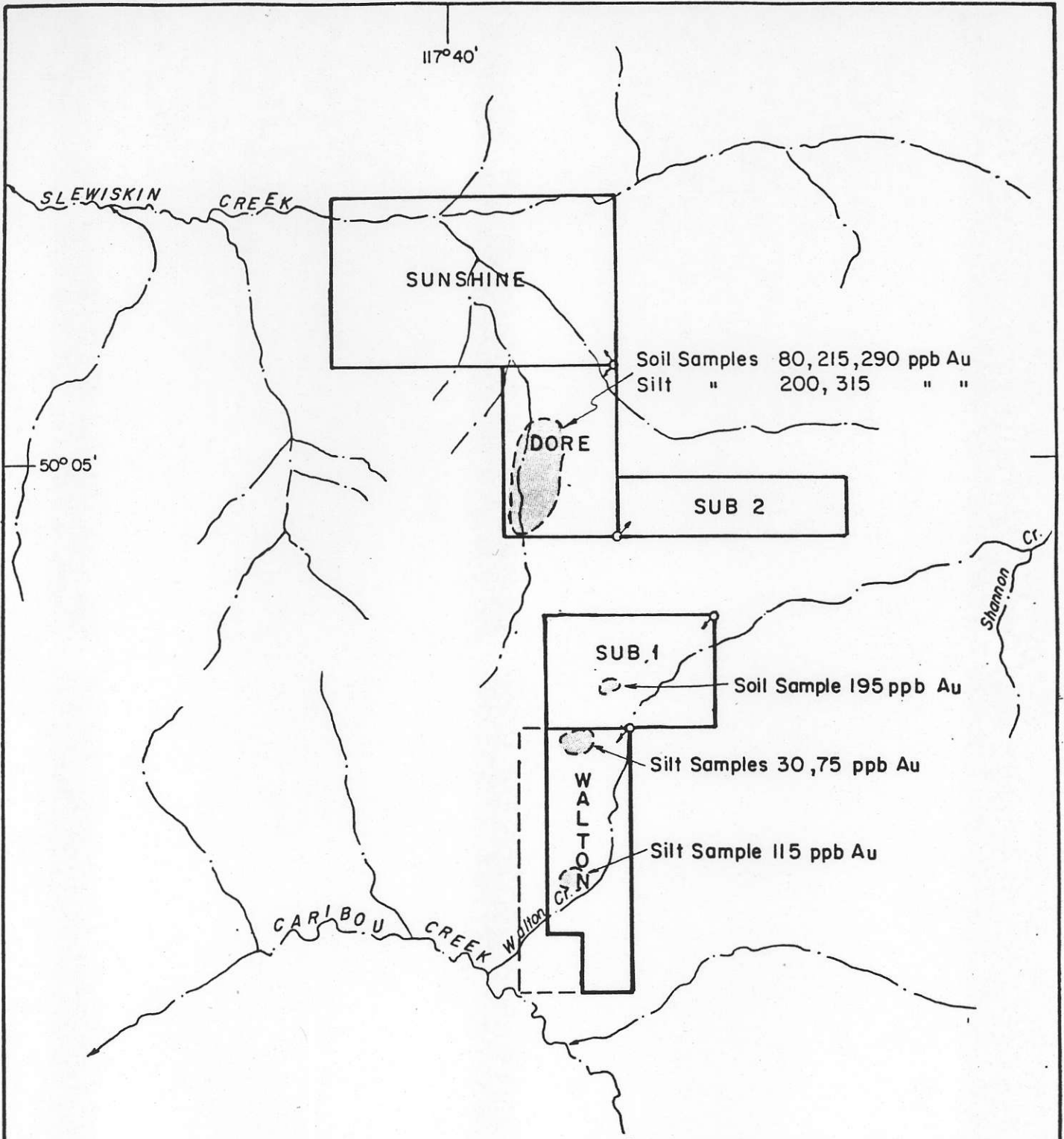
During the summer of 1983 a reconnaissance geochemical survey was conducted on the Slewiskin property. This survey included silt sampling along the main streams and their tributaries, and soil sampling along logging roads and several ridges.

A total of 269 silt samples were collected at 75 m intervals and 285 soil samples at 25 m or 50 m intervals. The samples were analysed by Acme Analytical Laboratories of Vancouver for gold and silver content using the atomic absorption technique.

A review of the data (see Appendix I) indicates that the following geochemical values are anomalous:

	Soil	Silt
Gold	>30ppb	>30 ppb
Silver	>1.5 ppm	>1.2 ppm

All sample sites and their assays were plotted on a contoured topographic base map on a scale of 1:500. This map is on file and is available if required. A simplified map (Figure 4) is presented which shows the areas from which the anomalous samples were obtained.



- ⊙ LEGAL CORNER POST
- ◐ GOLD ANOMALOUS AREA



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SLEWISKIN PROPERTY		
GEOCHEMICAL MAP		
NAKUSP AREA — SLOCAN M.D., B.C.		
SCALE 1:50,000	APRIL 1984	FIG 4
H. M. J.		

GEOCHEMICAL RESULTS

(a) Gold Geochemical Results

Most samples for gold in soil and silt samples returned low assay values. However, a number of them are definitely anomalous and must be considered of interest.

Five anomalous sample sites are located within the southern half of Dore claim. Quartz float was seen in this area during the sampling program. The anomalous soils - 80 ppb, 215 ppb, and 290 ppb - and anomalous silts - 200 ppb and 310 ppb - while at scattered locations, may reflect several gold-bearing quartz veins within the Ruby Range Stock. Additional sampling is required on this claim to define the anomalous areas.

At the north boundary of Walton claim, two consecutive silt samples taken from an east flowing tributary at Walton Creek assayed 30 ppb and 75 ppb gold. This area is within metasediments of the Slocan Group and should also be explored by additional sampling.

One anomalous silt sample - 115 ppb gold - was obtained on Walton Creek approximately 1 km from the south claim boundary. This anomalous site should be checked by taking soil samples along each side of the creek.

(b) Silver Geochemical Results

Most soil and silt samples returned low silver assays. Statistically, soil values greater than 1.5 ppm silver, and silt values greater than 1.2 ppm, are considered anomalous. The highest

silver assays range between 2.0 ppm and 2.4 ppm silver, which is approximately twice background. Because of the low order of silver values, the weak anomalies are not considered significant and probably reflect a slightly higher silver background in some areas.

CONCLUSIONS

It is concluded that the work to date was successful in locating several areas containing anomalous gold values in soils and silts. These areas warrant detailed follow-up sampling since they may contain gold-bearing structures. It is also concluded that the geochemical program conducted during 1983 should be continued to give full coverage of the property. However, since financing may be a problem, this latter work should be deferred.

RECOMMENDATIONS

It is recommended that detailed soil sampling be conducted in all anomalous areas located to date. Those areas which appear to be significant should be tested by trenching and/or diamond drilling.

COST ESTIMATE

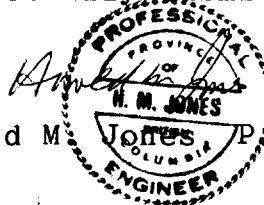
The writer, in his report dated June 14, 1984, recommended a Stage I geological-geochemical program costing \$ 50,000. To date, approximately \$20,000 has been expended. It is suggested that Stage I be revised to allow for detailed geochemical soil sampling of the anomalous areas rather than continue sampling of the entire property. This will reduce Stage I to \$30,000.00.

Stage II, which is contingent on Stage I, would include bulldozer or backhoe trenching of anomalous areas, followed by diamond drilling. Results to date indicate that Stage II work will most likely be required to assess the anomalous areas.

Stage I - Geological-Geochemical Program	
Expenditure to date	\$ 20,000
Balance required to complete Stage I	10,000
	<hr/>
Total Stage I	\$ 30,000
	=====
Stage II - Contingent on Stage I	
Bulldozer and/or backhoe trenching	\$ 10,000
Diamond Drilling - say 600 m	
@ \$150/m	90,000
	<hr/>
Total Stage II	\$100,000
	=====

Respectfully submitted,

Harold M. Jones, P. Eng.



REFERENCE

- Jones, H.M. (1983) A report on the Slewiskin Property, Slewiskin
Creek, Nakusp Area, Slocan Mining Division,
for Tillicum Gold Mines Ltd, dated June 14,
1983.

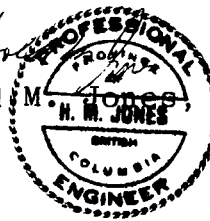
CERTIFICATE

I, Harold M. Jones, of the City of Vancouver, British Columbia, do hereby certify that:

1. I am a consulting geological engineer with G.A. Noel & Associates, Inc., 721-602 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia in Geological Engineering, 1956.
3. I have been practising my profession as a geological engineer for 25 years.
4. I am a member of the Association of Professional Engineers of British Columbia, Registration # 4681.
5. I examined the Slewiskin Property on June 12, 1983 and prepared a report on the property dated June 14, 1983.
6. I have no interest, nor do I expect to receive any interest, direct or indirect, in Tillicum Gold Mines Ltd., or its securites.
7. Tillicum Gold Mines Ltd., is hereby given permission to reproduce this report, or any part of it, for financing purposes; provided, however, that no portion may be used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

DATED at Vancouver, B.C. this 15th day of April 1984.

Harold M. Jones, P.Eng.



APPENDIX I

GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
 THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.
 SAMPLE TYPE : SOIL - DRIED AT 60 DEG C., -80 MESH.
 AU# - 10 GM, IGNITED HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER *Dean Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

TILlicum GOLD FILE # 83-2046A

PAGE# 1

SAMPLE	AG FFM	AU* FFB
DR-1 2+50S	.7	5
DR-1 2+60S	.5	5
DR-1 2+70S	.8	30
DR-1 2+80S	.6	5
DR-1 2+90S	.5	5
DR-1 3S	.6	5
DR-1 3+10S	.7	15
DR-1 3+20S	.5	5
DR-1 3+30S	.4	5
DR-1 3+40S	.1	5
DR-1 3+49.7S	.3	5
DR-1 3+50S	.5	5
DR-1 3+50.3S	.4	5
DR-1 3+60S	.6	5
DR-1 3+70S	.7	5
DR-1 3+80S	.6	5
DR-1 3+90S	.4	5
DR-1 4S	1.1	5
DR-1 4+10S	.9	5
DR-1 4+20S	.4	5
DR-1 4+30S	.3	5
DR-1 4+40S	.5	5
DR-1 4+50S	.3	5
T 1N	.2	5
T 0+90N	.4	5
T 0+80N	.2	5
T 0+70N	.7	80
T 0+60N	.5	5
T 0+50N	.4	10
T 0+40N	.6	5
T 0+30N	.4	5
T 0+20N	.3	5
T 0+10N	.6	5
T 0N	.5	5
T 0+10S	.3	5
T 0+20S	.1	5
T 0+30S	.1	5
T 0+40S	.6	290

*100
22-8257*

SAMPLE	AG PPM	AU* PPB
T 0+50S	.4	5
T 0+60S	1.1	10
T 0+70S	.8	15
T 0+90S	.7	5
T 1S	.6	5
ITX-1	.4	5

ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED MAY 19 1983

DATE REPORTS MAILED *May 25/83*

GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.
SAMPLE TYPE : SILT - PULVERIZING
AU# - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

TILlicum GOLD MINES

FILE # 83-0590

PAGE# 1

SAMPLE	AG PPM	AU* PPB
D- 0X	.6	5
D- 3X	.3	5
D- 4X	.3	5
D- 5X	.4	5
D- 6X	.4	5
D- 7X	.2	5
D- 8X	.2	5
D- 9X	.3	5
D-10X	.4	5
D-12X	.5	5
D-13X	.2	5
D-15X	.4	5
D-18X	.3	5
D-19X	.2	5
D-24X	.3	5
D-25X	.4	5
D-26X	.5	5
D-27X	.2	10
D-28X	.5	5
D-29X	.4	5
D-30X	.3	5
D-31X	.4	5
D-32X	.2	5
D-33X	.3	5
D-34X	.3	5
D-35X	.4	5
D-37X	.3	5
D-38X	.4	5
D-41X	.3	5
D-42X	.2	5
D-43X	.4	5
D-44X	.8	5
D-45X	.6	5
D-46X	.9	5
D-47X	.7	5
D-48X	.6	5
D-49X	.8	5

.0001

.60029

SAMPLE	AG PPM	AU* PPB
D-50X	.9	5
D-51X	1.3	10
D-52X	1.1	5
D-53X	.9	5
D-54X	1.0	5
D-55X	.6	5
D-56X	.4	5
M- 1X	.1	5
M- 2X	.4	5
M- 3X	.8	5
M- 4X	.7	5
M- 5X	.6	5
M- 6X	.7	5
M- 7X	.6	5
M- 8X	.7	5
M- 9X	.4	10
M-10X	.6	5
M-12X	.7	5
M-13X	.6	5
M-15X	.6	5
M-16X	.7	5
M-17X	.7	5
M-18X	.6	5
M-19X	.7	5
M-20X	.7	5
M-21X	.3	5
M-22X	.5	5
M-23X	.7	5
M-24X	.6	5
M-25X	.6	5
M-26X	1.3	10
M-27X	.6	5
M-28X	.5	5
M-29X	.8	5
M-30X	.4	5
M-31X	.3	5
M-32X	.4	5

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GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
 THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.
 SAMPLE TYPE : P1-6 SOIL P7-9 SILT
 AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER _____ DEAN TOYE, CERTIFIED B.C. ASSAYER

TILlicum GOLD MINES

FILE # 83-1513

PAGE# 1

SAMPLE	AG PPM	AU* PPB
S-1 0S	.3	5
S-1 0+25S	.4	5
S-1 0+50S	.3	5
S-1 0+75S	1.4	5
S-1 1S	.8	5
S-1 1+25S	.5	5
S-1 1+50S	.2	5
S-1 1+75S	.3	5
S-1 2S	.3	5
S-1 2+25S	.4	5
S-1 2+50S	.7	5
S-1 2+75S	.5	5
S-1 3S	.5	5
S-1 3+25S	.8	5
S-1 3+50S	1.0	5
S-1 3+75S	.5	5
S-1 4S	.6	5
S-1 4+25S	.7	5
S-1 4+50S	1.0	5
S-1 4+75S	.8	5
S-1 5S	.5	5
S-1 5+25S	.5	5
S-1 5+50S	.7	5
S-1 5+75S	.4	5
S-1 6S	.9	5
S-1 6+25S	.3	5
S-1 6+50S	.4	5
S-1 6+75S	.3	5
S-1 7S	.2	5
S-1 7+25S	.4	5
S-1 7+50S	.3	5
S-1 7+75S	.2	5
S-1 8S	.2	5
S-1 8+25S	.4	5
S-1 8+50S	.6	5
S-1 8+75S	.6	5
S-1 9S	.3	5

37

SAMPLE	AG PPM	AU* PPB
S-1 9+25S	.5	5
S-1 9+50S	.3	5
S-1 9+75S	.6	5
S-1 10S	.4	5
S-1 10+25S	.6	5
S-1 10+50S	.3	5
S-1 10+75S	.3	5
S-1 11S	.1	5
S-1 11+25S	.4	5
S-1 11+50S	.6	5
S-1 11+75S	.5	5
S-1 12S	.7	5
S-1 12+25S	.7	5
S-1 12+50S	.4	19.5
S-1 12+75S	.6	10
S-1 13S	.6	5
S-1 13+25S	.9	5
S-1 13+50S	.2	5
S-1 13+75S	.5	5
S-1 14S	.3	5
S-1 14+25S	.4	5
S-1 14+50S	.9	5
S-1 14+75S	.2	20
S-1 15S	.4	5
S-1 15+25S	.4	10
S-1 15+50S	.7	5
S-1 15+75S	1.3	5
S-1 16S	.5	5
S-1 16+25S	.4	5
S-1 16+50S	.5	5
S-1 16+75S	.3	5
D 0	.1	5
D 0+50	.4	5
D 1	.1	30
D 1+50	.6	5
D 2	.1	10
D 2+50	.2	5

SAMPLE	AG PPM	AU* PPB
D 3	.2	5
D 3+50	.4	5
D 4	.1	5
D 4+50	.3	5
D 5	.2	5
D 5+50	.4	5
D 6	.9	5
D 6+50	.4	5
D 7	.7	5
D 7+50	1.0	5
D 8	.4	5
D-1 05	.4	5
D-1 0+50S	.5	5
D-1 15	.9	5
D-1 1+50S	1.0	10
D-1 25	.6	5
D-1 2+50S	.7	5
D-1 35	1.0	5
D-1 3+50S	.5	5
D-1 45	1.1	5
D-1 4+50S	.6	5
D-1 55	.5	5
D-1 6+50S	.6	5
D-1 75	.4	5
D-1 7+50S	.5	5
D-1 85	.3	5
D-1 8+50S	.7	5
D-1 95	.6	5
D-1 9+50S	.7	5
D-1 105	.6	5
D-1 10+50S	.9	5
D-1 115	.5	5
D-1 11+50S	.5	5
D-1 125	.7	5
D-1 12+50S	.8	10

215
13

34

SAMPLE	AG PPM	AU* PPB
D-1 13S	.6	5
D-1 13+50S	.7	5
D-1 14S	.8	5
D-1 14+50S	.5	5
D-1 15S	.9	5
D-1 15+50S	.5	5
D-1 16S	1.0	5
D-1 16+50S	.7	5
D-1 17S	.6	5
D-1 17+50S	.6	5
D-1 18S	.7	5
D-1 18+50S	.7	5
D-2 0S	.4	5
D-2 0+50S	.3	5
D-2 1S	.5	5
D-2 1+50S	.2	5
D-2 2S	.5	5
D-2 2+50S	.4	5
D-2 3S	.5	5
D-2 3+50S	.6	5
D-2 4S	.5	5
D-2 4+50S	.8	5
D-2 5S	.5	5
D-2 5+50S	.4	5
D-3 7N	.4	5
D-3 6+50N	.4	5
D-3 6N	.6	5
D-3 5+50N	.9	5
D-3 5N	.8	5
D-3 4+50N	.8	5
D-3 4N	.2	5
D-3 3+50N	.7	5
D-3 3N	.6	5
D-3 2+50N	.5	5
D-3 2N	.5	5
D-3 1+50N	.4	5
D-3 1N	.7	5

37

SAMPLE	AG PPM	AU* PPB
D-3 0+50N	1.1	5
D-3 0N	.6	5
W-1 6+25N	.5	5
W-1 6N	.9	5
W-1 5+75N	.8	5
W-1 5+50N	.4	5
W-1 5+25N	1.2	5
W-1 5N	1.0	5
W-1 4+75N	.5	5
W-1 4+50N	1.4	5
W-1 4+25N	2.1	5
W-1 4N	1.2	5
W-1 3+75N	1.1	5
W-1 3+50N	.9	5
W-1 3+25N	.7	5
W-1 3N	.6	5
W-1 2+75N	.8	5
W-1 2+50N	1.8	5
W-1 2+25N	.6	5
W-1 2N	1.6	20
W-1 1+75N	.9	5
W-1 1+50N	.7	5
W-1 1+25N	.4	5
W-1 1N	.7	5
W-1 0+75N	.8	5
W-1 0+50N	1.2	5
W-1 0+25N	1.5	5
W-1 0N	2.3	5
W-1 21S	1.2	5
W-1 21+25S	.6	5
W-1 21+50S	.8	5
W-1 21+75S	.5	5
W-1 22S	1.3	5
W-1 22+25S	.5	5
W-1 22+50S	1.7	5
W-1 22+75S	1.0	5
W-1 23S	.9	5

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37

6

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SAMPLE	AG PPH	AU* PPB
W-1 23+25S	.5	5
W-1 23+50S	.5	5
W-1 23+75S	1.2	5
W-1 24S	1.6	5
RR- 0	.7	5
RR- 0+50	1.6	5
RR- 1	.9	5
RR- 1+50	.7	5
RR- 2	1.0	5
RR- 2+50	1.3	5
RR- 3	.4	5
RR- 3+50	1.4	5

12

SAMPLE	AG PPM	AU* PPB
CC- 0	.5	5
CC- 0+75	.5	5
CC- 1+50	.7	5
CC- 2+25	.7	5
CC- 3	.6	5
CC- 3+75	.7	5
WC- 6N	.4	5
WC- 5+25N	.5	5
WC- 4+50N	.4	5
WC- 3+75N	.5	5
WC- 3N	.3	5
WC- 2+25N	.4	5
WC- 1+50N	.4	5
WC- 0+75N	.5	5
WC- 0N	.4	5
WC-7R1 0+25	.3	5
WC-7R1 0+50	.2	5
WC-7R2 0+25	.1	5
WC-7R2 0+50	.2	5
WLS 0	.3	5
WCS 0+75	.4	5
WCS 1+50	.3	5
WCS 2+25	.4	5
WCS 3	.6	5
WCS 3+75	.4	5
WCS 4+50	.4	5
WCS 5+25	.2	5
WCS 6	.3	5
WCS 6+75	.3	5
WCS 7+50	.3	5
WCS 8+25	.5	5
WCS 9	.2	5
WCS 9+75	.4	5
WCS 10+50	.3	5
WCS 11+25	.4	5
WCS 12	.4	5

115
 134
 325
 35

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SAMPLE	AG PPM	AU* PPB
WCS 12+75	.3	5
WCS 13+50	.2	5
WCS 14+25	.4	5
WCS 15	.3	5
WCS 15+75	.3	5
WCS 16+50	.4	5
G-1 0+75	.3	5
G-2 1+50	.2	5
G-3 2+25	.1	5
E-1 0	2.4	5
E-2 0+75	.5	5
E-3 1+50	.5	5
E-4 2+25	.6	5
E-5 3	.6	5
E-6 3+75	.6	5
D-1 3+75	2.0	5
D-2 3	.5	5
D-3 2+25	.3	5
D-4 1+50	.6	5
D-5 0+75	.4	5
D-6 0	.4	5
DD 0	.4	5
DD 0+75	.6	5
DD 1+50	.4	5
DD 2+25 R	.3	5
DD 3	.4	5
DD 3+75	.6	5
F-1	.3	5
F-2	.2	5
F-3	.3	5
F-4	.4	5
F-5	.2	5
F-6	.5	5

SAMPLE	AG PPM	AU* PPB
I 0+75	.6	5
I 1+50	.3	5
I 2+25	.9	5
I 3	.5	5
H-1 0+75	.2	5
H-2 1+50	.3	5
H-3 2+25	.3	5
A 0	.5	5
A 0+75	.3	5
A 1+50	.3	5
A 2+25	.4	5
A 3	.4	5
A 3+75	.4	5
A 4+25	.5	5
A 4+50	.5	5
A 5+25	.6	5
B 0	.4	5
B 0+75	.3	10
B 1+50	.4	5
B 2+25	.4	75
B 3	.3	30
B 3+50	.3	5
B 3+75	.3	5
CR-2 0+75	.6	5
CR-2 1+50	.2	5
CR-2 2+25	.3	5
CR-2 3	.2	5
M01-X	.3	5
M02-X	.3	5
CB 0	.2	5
CB 0+75	.4	5
CB 1+50	.3	5
CB 2+25	.2	5
CB 3	.3	5
CB 3+75	.4	5
CB 4+25	.4	5
CB 5	.4	5

36

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED AUG 3 1983

DATE REPORTS MAILED Aug 6/83

GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.
SAMPLE TYPE : P1-3 SOIL P4-5 SILT
AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS.

ASSAYER Dean Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

TILlicum GOLD MINES

FILE # 83-1453

PAGE# 1

SAMPLE	AG PFM	AU* FPB
W-1 20+75N	.6	5
W-1 20+50N	1.4	5
W-1 20+25N	1.2	5
W-1 20N	.8	5
W-1 19+75N	.8	5
W-1 19+50N	.8	5
W-1 19+25N	.7	5
W-1 19N	.5	5
W-1 18+75N	.8	5
W-1 18+50N	.7	5
W-1 18+25N	.8	5
W-1 18N	.4	5
W-1 17+75N	.9	5
W-1 17+50N	.8	5
W-1 17+25N	.6	5
W-1 17N	.7	5
W-1 16+75N	.4	5
W-1 16+50N	.4	5
W-1 16+25N	.4	5
W-1 16N	.9	5
W-1 15+75N	.8	5
W-1 15+50N	.6	5
W-1 15+25N	.7	5
W-1 15N	.9	5
W-1 14+75N	.8	5
W-1 14+50N	.6	5
W-1 14+25N	.8	5
W-1 14N	.7	5
W-1 13+75N	.8	5
W-1 13+50N	.8	5
W-1 13+25N	.8	5
W-1 13N	.6	5
W-1 12+75N	1.0	5
W-1 12+50N	.9	5
W-1 12+25N	.7	5
W-1 12N	1.2	5
W-1 11+75N	.4	5

37 200 2 11

SAMPLE	AG PPM	AU* PPB
W-1 11+50N	.9	5
W-1 11+25N	1.0	5
W-1 11N	.7	5
W-1 10+75N	1.3	5
W-1 10+50N	1.4	5
W-1 10+25N	.4	5
W-1 10N	1.8	5
W-1 9+75N	1.0	5
W-1 9+50N	.6	5
W-1 9+25N	.9	5
W-1 9N	.4	5
W-1 8+75N	.6	5
W-1 8+50N	1.1	5
W-1 8+25N	.4	5
W-1 8N	.7	5
W-1 7+75N	1.6	5
W-1 7+50N	1.4	5
W-1 7+25N	.9	5
W-1 7N	.7	5
W-1 6+75N	.8	5
W-1 6+50N	.7	5
W-2 7+75N	1.4	5
W-2 7+50N	.6	5
W-2 7+25N	.8	5
W-2 7N	.9	5
W-2 6+75N	.6	5
W-2 6+50N	.4	5
W-2 6+25N	.5	5
W-2 6N	1.0	5
W-2 5+75N	.8	5
W-2 5+50N	.4	5
W-2 5+25N	.6	5
W-2 5N	.5	5
W-2 4+75N	.4	5
W-2 4+50N	.5	5
W-2 4+25N	.9	5
W-2 4N	.6	5

37

SAMPLE	AG PPM	AU* PPB
W-2 3+75N	.8	5
W-2 3+50N	1.2	5
W-2 3+25N	1.1	5
W-2 3N	.8	5
W-2 2+75N	.8	5
W-2 2+50N	.7	5
W-2 2+25N	1.5	5
W-2 2N	.5	5
W-2 1+75N	.5	5
W-2 1+50N	.7	5
W-2 1+25N	.7	5
W-2 1N	.6	5
W-2 0+75N	.4	5
W-2 0+50N	1.4	5
W-2 0+25N	.6	5
W-2 0N	.6	5
WR 0	.2	5
WR 0+50	.6	5
WR 1	1.2	5
WR 1+50	.8	5
WR 2	.1	5
WR 2+50	.5	5
WR 3	1.4	5
WR 3+50	.7	5
WR 4	1.6	5
WR 4+50	1.1	5
WR 5	.5	5

27

SAMPLE	AG PPM	AU* PPB
CR-1 0	.2	5
CR-1 0+75	.3	5
CR-1 1+50	.4	5
CR-1 2+25	.2	5
CR-1 3	.4	<u>20</u>
CR-1 3+75	.3	5
CR-1 4+50	.4	5
CR-1 5+25	.2	5
CR-1 6+75	.2	<u>10</u>
CR-1 7+50	.3	5
CR-1 8+25	.4	5
CR-1 9	.3	5
CR-1 9+75	.4	5
CR-1 10+50	.4	<u>20</u>
CR-1 11+25	.2	<u>10</u>
CR-1 12	.3	5
CR-1 12+75	.3	<u>15</u>
CR-1 13+50	.3	5
CR-1 14+25	.4	5
CR-1 15	.4	<u>200</u>
CR-1 15+75	.4	10
CR-1 16	.3	<u>310</u>
CR-1 16+50	.3	5
CR-1A 0	.2	5
CR-1A 0+75	.5	5
CR-1A 1+30	.4	5
SS 0	1.4	5
SS 0+75	.6	5
SS 1+50	.7	5
SS 2+25	.5	5
SS 3	.5	5
SS 3+75	.4	5
SS 4+50	.4	5
SS 5+25	.3	5
SS 6	.3	5
SS 6+75	.4	5

SAMPLE	AG PPM	AU* PPB
SS 7+50	.3	5
SS 8+25	.3	5
SS 9	.3	5
SS 9+75	.1	5
SS 10+50	.1	5
SS 11+25	.1	5
SS 12	.3	5
SS 12+25	.2	5
SS-1 0	.1	5
SS-1 0+75	.4	5
SS-1 1+50	.2	5
SS-1 2+25	.8	5
SS-1 3	.6	5
SS-1 3+50	.4	5
SS-2 0+75	.2	5
SS-2 1+50	.1	<u>10</u>
SS-3 0	.2	5
SS-3 0+75	.1	5
SS-4 0+05	.2	5

79