

86-126-14734

ASSESSMENT REPORT  
ON  
GEOLOGICAL AND GEOCHEMICAL WORK  
ON THE FOLLOWING CLAIM

TREATY ..... 2006(1)

MINISTRY OF ENERGY, MINES  
AND PETROLEUM RESOURCES  
Rec'd APR 1 1986  
SUBJECT \_\_\_\_\_  
FILE \_\_\_\_\_  
VANCOUVER, B.C.

located

80 KM NORTH-NORTHWEST OF  
STEWART, BRITISH COLUMBIA  
SKEENA MINING DIVISION

56 degrees 35.1minutes latitude  
130 degrees 08.3minutes longitude

N.T.S. 104B/9E

FILMED

PROJECT PERIOD: Sept. 5 - Sept. 9, 1985

ON BEHALF OF  
*Owner/Operator* TEUTON RESOURCES CORP.  
VANCOUVER, B.C.

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

REPORT BY

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Vancouver, B.C.

14,734

Date: March 27, 1986

## TABLE OF CONTENTS

	Page
1. INTRODUCTION	1
A. Property, Location, Access and Physiography	1
B. Status of Property	1
C. History	1
D. References	2
E. Summary of Work Done	3
2. TECHNICAL DATA AND INTERPRETATION	4
A. Regional Geology	4
B. Property Geology	4
C. Mineralization - Rock Character Samples	5
D. Geochemistry - Heavy Mineral Stream Sed. Samples	6
E. Field Procedure and Laboratory Analysis	7
F. Conclusions	8
APPENDICES	
I Work Cost Statement	
II Certificate	
III Assay Certificates	
ILLUSTRATIONS	
Fig. 1 Location Map	Report Body
Fig. 2 Claims Map	Report Body
Map #1 Geology & Sample Location Map	Map Pocket
Map #2 Geochemistry - Gold & Silver	Map Pocket

## 1. INTRODUCTION

### A. Property, Location, Access and Physiography

The Treaty claim is located about 80 km north-northwest of Stewart, British Columbia. Nearest road is the Cassiar-Stewart Highway about 17 km to the east. Access is presently limited to helicopter, either from the base at Stewart or at Bob Quinn Lake (an alternative base is scheduled for the Scottie/Granduc airstrip in 1986). Should the proposed road into the Sulphurets gold-silver prospect near Brucejack Lake be constructed (10 km to the south) it would cut flying time into the property considerably).

The claim covers part of the western portion of a precipitous nunatak between the Treaty Creek Glacier (to the west) and the South Treaty Glacier (to the east). Elevations vary from approximately 1400m to 1900m. Vegetation in the area is limited to low-lying shrubs, mountain grasses and heather.

The best rock exposure occurs along the flanks of the nunatak and in areas of glacial ablation. Upper levels feature more moderate slopes (especially in the vicinity of the two tarns) and extensive zones covered by glacial debris. A significant section of the claim area is underlain by permanent snow or icefields.

### B. Status of Property

The Treaty claim consists of 12 units and is owned by Teuton Resources Corp. of Vancouver, British Columbia. Record No. is 2006, and date of recording, January 9, 1980.

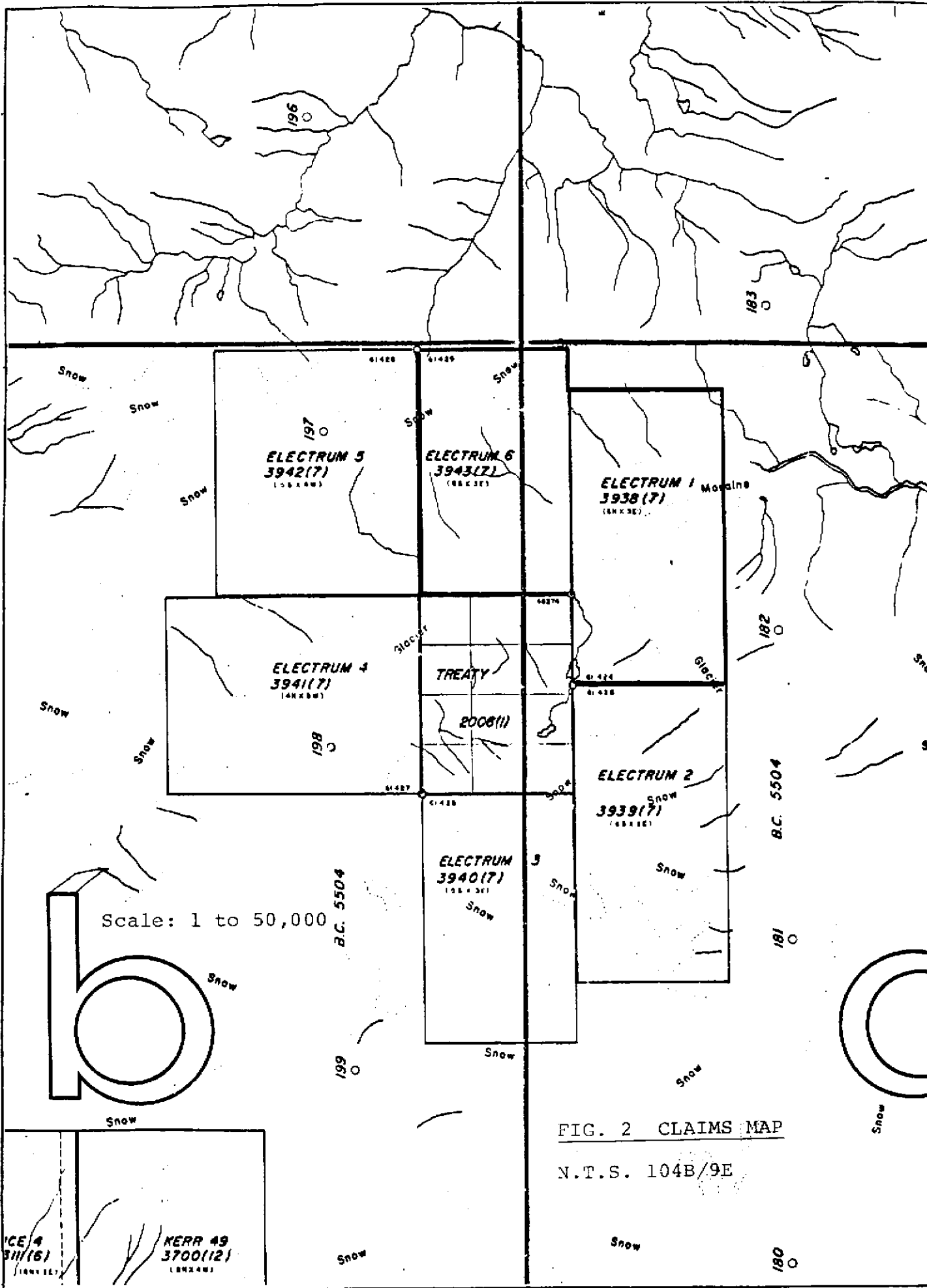
Claim location is shown on Fig. 2 after government N.T.S. map 104B/9E.

### C. History

Two, brief isolated accounts in the B.C. Department of Mines Annual Reports mention that the Consolidated Mining and Smelting Company of Canada Ltd. (now Cominco) explored a large mineralized zone, parts of which are now covered by the Treaty claim, during 1929 and 1930. Although Consolidated located 57 surveyed Crown-grant mineral claims in the area, exploration ended abruptly in 1931 and the claims were abandoned. Results of their exploration efforts were not published.

The author was able to locate another reference to the property in the British Columbia Miner (now The Western Miner). It is excerpted here in its entirety:





"What is believed to be the largest mineral zone yet discovered in British Columbia has been secured by the Consolidated Mining & Smelting Co. in this recording district. It consists of a belt between 700 and 800 feet wide and 4 1/2 miles long, and is located one hundred miles or more inland from Stewart, between the headwaters of Twenty-Mile Creek and the Unuk River, and on the Nass River slope. It is reached by a prospector's trail that goes from Stewart to Meziadin Lake, and thence to Bowser Lake, a distance of roughly, 70 miles. From there on there is no trail. This zone has been known for a number of years to trappers and a few prospectors, and last summer Tim Williams and Chas. Knipple, oldtimers in the district, went in to prospect it. They decided on account of its inaccessability it was not a proposition for private individuals to handle, and accordingly submitted that information to the Consolidated M. & S. Co. As a result a party was sent in last month with an engineer to investigate and if favorable to locate ground. Under the guidance of Tim Williams this party, which was composed of some of the most experienced prospectors in the camp, visited the area last month and located 57 claims.

What the Consolidated intend doing with this is not known here. The party brought out no samples, but pieces of the ore that Williams and Knipple knocked off assayed \$3.50 in gold and silver and showed a heavy arsenic content. An interesting feature of the zone is that in all parts it shows a pronounced cobalt bloom."

It is also reported that several prospecting syndicates explored the general Treaty Creek area during the 1950's (Ref. 1). In 1953, prospectors Charles Knipple and Tim Williams reported a small silver sulfide vein south of the Treaty Claim. Large boulders of tetrahedrite were also reported on the ice surface (source remains unlocated). Further work in 1967 ostensibly located a significant magnetic anomaly at the junction of Treaty Creek and South Treaty Glaciers.

A prospecting effort mounted in 1981 for E & B Explorations Ltd. on the Treaty claim failed to discover any important mineralization. Teuton Resources in 1984 carried out a prospecting program on the then adjacent Electrum claims (to the west) and was also unable to detect precious metal bearing mineralization in place. However, gold bearing float and anomalous (in gold) stream sediment samples were obtained.

#### D. References

1. GROVE, E.W., P.ENG., PH.D. (1983): Private Report for

Teuton Resources Corp. on the Treaty Claim.

2. GROVE, E.W. (1982): Unuk River, Salmon River, Anyox Map Areas. Ministry of Energy, Mines and Petroleum Resources, B.C.
3. GROVE, E.W. (1971): Bulletin 58, Geology and Mineral Deposits of the Stewart Area. B.C.M.E.M.P.R.
4. ANNUAL REPORTS, MINISTER OF MINES, B.C.:  
1929 -- p. C102; 1930 -- p. A110.
5. BRITISH COLUMBIA MINER (1928): "Portland Canal Notes" by W.R. Hull, p. 36, December 1, 1928.
6. KRUCHKOWSKI, E.R. (1981): Geological Report Treaty Claim -- Bowser-Unuk Project, NTS 104B/9E, for E & B Explorations Ltd.
7. CREMONESE, P.ENG. (1984): Assessment Report on Prospecting Work on the Electrum 1 and Electrum 6 Claims, NTS 104B/9E, On File with the B.C.M.E.M.P.R.

#### E. Summary of Work Done.

Work was carried out between Sept. 5 and 9, 1986 by a field crew consisting of geologist Chris Hrkac and geological assistant, Jacob Herrero [both are experienced mountaineers, therefore quite suited to exploration in rugged terrain]. This work formed part of a four month assessment work program by operator Teuton Resources Corp. on certain Stewart area claim groups and was conducted under the supervision of the author. Base camp in Stewart was established on the second floor of a house rented from J. Foerster. The crew was mobilized from Vancouver by truck early in the season and demobilized at the end of October, 1986. Mr. Hrkac had previously worked for several field seasons on many different properties in the Stewart area, primarily while in the employ of Esso Minerals Canada.

During the visit to the claim, the crew carried out reconnaissance geological and geochemical investigations which also entailed collection of rock character and heavy mineral stream sediment samples. Samples were analysed by both Acme Analytical Labs and Min-En Labs.

Geochemical/geological information presented in this report is derived largely from discussions with field geologist C. Hrkac and reference to his field notes, maps, field report and hand specimens from the property.

## 2. TECHNICAL DATA AND INTERPRETATION

### A. Regional Geology

The following capsule description of the geology in the vicinity of the Treaty claim has been excerpted from a private report (Ref. 1) by E.W. Grove, Ph.D., P.Eng.:

"The contact between thick Upper Jurassic Nass Formation sediments and the underlying Lower Jurassic Unuk River Formation volcanic assemblage lies along the toe of Treaty Creek Glacier and Treaty Creek. In this area the Nass Formation (old Bowser Assemblage) comprises cyclically banded dark siltstone beds generally from 0.3 to 2 meters thick intercalated within grey-wacke beds one to six m thick which form up to 75 per cent of the north dipping, complexly folded sequence in this area. This sequence unconformably overlies middle Lower Jurassic thinly banded siltstones (east of South Treaty Glacier), volcanic conglomerates, volcanic breccias, mixed cherty volcanic breccias, volcanic sandstones, andesitic flows, and minor rhyo-dacite flows. Thin siltstone and sandstone members intercalated within the dominantly epiclastic volcanic sequence provides evidence for the complexly folded nature of the country rocks in this area. Augite porphyry sills are found throughout this sequence and are well exposed along both flanks of the Treaty Creek Glacier.

All the country rocks in the area exhibit evidence of folding. The main feature in the Lower Jurassic sequence is a northeasterly trending anticlinal warp. This is overlain unconformably by the tightly folded northeasterly dipping Upper Jurassic sedimentary sequence.

The country rocks in this area have been cut by numerous steep northeast trending faults which show left hand offsets of from several tens of meters to 150 meters, or right hand motion of a few tens of meters.

No major plutons have yet been uncovered in the area, but various small granitic to dioritic dikes cut across the Lower Jurassic sequence."

### B. Property Geology

Geological mapping on the Treaty claim was conducted on a regional scale. The results were plotted on a 1:34,500 scale air photo (Photo BC5504 #181) and later transferred to a 1:10000 enlargement of a 1:50000 topographic map. Approximate contact locations for three main rock units observed during the property visit have been drawn in on Map No. 1 (see Map Pocket). The observations which follow are taken from the field report of geologist, Chris Hrkac.



"South of the Treaty claim, a nearly east-west trending band of Lower Jurassic rocks exists. These rocks are from the Unuk River Formation [Unit "3" - Map No. 1] and consist primarily of conglomerate, sandstone, siltstone and minor volcanic breccia. The sediments of the Unuk River Formation are overlain to the north and south by Middle Jurassic rocks of the Betty Creek Formation [Unit "2" - Map No. 1]. They consist of volcanic breccia, conglomerate, sandstone and siltstone. A northeast to southwest trending outcrop of Middle Jurassic pillow lavas and broken pillow breccias is found in the southwestern area of the Treaty claim. In the northwestern area of the claim is a large zone of very gossanous and highly-weathered phyllites, schists, and semi-schists [Unit "1" - Map No. 1]. Alteration minerals noted in this zone are sericite, various clay minerals, chlorite and pyrite. Native sulphur was found in the alteration zone indicating upper level epithermal activity.

The majority of the sediments on the Treaty claim dip moderately to the southeast. Folding seems to be restricted to minor warping with some small scale, ten to twenty meters, synclines and anticlines.

An almost north-south trending fault is situated in the northwestern part of the claim. Only a small section is exposed before it disappears under the Treaty Glacier."

### C. Mineralization -- Rock Character Samples

Six large rock character samples were collected from several localities in order to determine whether economic concentrations of gold and silver values accompanied the pervasive pyrite mineralization in the area. Samples were assayed for 16 elements by Acme Analytical Labs of Vancouver.

Gold and silver values were uniformly low. Gold ranged from 0.001 oz/ton to 0.006 oz/ton, silver from 0.01 oz/ton to 0.13 oz/ton. Gold and silver values are plotted on Map No. 2 -- Geochemistry, Gold & Silver (values for the remaining 14 elements were not economically interesting, hence not plotted -- refer to the Assay Certificate in the Appendices).

Native sulphur was found associated with the richer pyrite sections within the alteration zone [Unit "1"]. Pyrrhotite and pyrite mineralization was found in a gossanous outcrop west of the claim at the edge of the Treaty glacier.

#### Sample Notes:

9420 Outcrop of rusty weathering silicified and sericite altered volcanics, light to dark grey in color. Contains some sooty

- pyrite; some weathered feldspar porphyry -- indications of intrusive.
- 9421 Near top of rusty rock knob, sericite, clay alteration and silicification of a dyke(?) structure, feldspar porphyry. Sooty pyrite in sheared and highly weathered sections. Fresh pyrite in silicified sections. Elongated and aligned, weathered and altered, feldspar -- indication of movement (volcanic flow?).
- 9422 Float sample of massive pyrite with quartz rich matrix. Evidence of quartz eyes in places. Float origin not found but sample likely has not moved greater than 10m.
- 9423 Outcrop along siliceous ridge of quartz vein with minor pyrite (resembles "Sulphurets" rock). Host - feldspar porphyry intrusive. Ridge rusty weathering, jarosite, limonite, goethite.
- 9424 Outcrop of siliceous sediments, cherts, argillites, siltstones. Rusty weathering (limonite). Interbedded green (fresh surface) volcanics with minor pyrite and pyrrhotite and an unknown metallic black mineral.
- 9425 Outcrop on ridge above where Treaty and South Treaty Glaciers join. Two small sections of altered silicified volcanic and volcanic sediments, lower one bounded by argillites, upper one bounded by coarse breccia fragments to 20 cm. Rusty weathering, limonite and goethite contains disseminated pyrite.

#### D. Geochemistry - Heavy Mineral Sediment Samples

Eight heavy mineral stream sediment samples were taken in and around the Treaty claim. Samples S-001 to S-007 were taken from streams draining the large alteration zone. Gold values ranged from 20 ppb to 4240 ppb, silver from 2.7 ppm to 10.0 ppm. Gold and silver values are plotted on Map No. 2 -- Geochemistry, Gold & Silver (values for 30 other elements were not economically interesting, hence not plotted -- refer to the Min-En Labs ICP Report in the Appendices).

Sample S-008 was taken off-property on a regional reconnaissance survey to determine outlying geology. Values obtained were quite low.

Based on comparisons to other heavy mineral surveys in the general Stewart area, the author is of the opinion that Sample S-007 (4240 ppb) is highly anomalous in gold, and that Samples S-005 and S-006 (485, 420 ppb) may be characterized as "slightly" anomalous. As for the remaining elements tested, very little of

interest was registered with the exception of certain samples which showed somewhat elevated values in silver and arsenic.

#### Sample Notes:

- S-001 From small stream (0.5m wide) draining north side of main gossan area, majority of water from seepage through talus slopes. Closest rocks sericite schists with minor pyrite.
- S-002 From glacier's edge, draining central gossan area. Stream slope about 30 degrees, fast-moving, 1-2m wide, 15-25cm deep. Outcrop at site of sericite schist with minor pyrite, very weathered and sheared.
- S-003 From small stream (1m wide, 10cm deep) draining south side of gossan zone. Surrounded by morainal material, only a very few gossanous rocks in stream.
- S-004 Above S-003, draining southern contact of gossan. Rocks sericite schists above sample site. Abundant moraine and talus.
- S-005 From upper branch of S-002, draining gossan center and sericite schist belt.
- S-006 Above S-002 on northern fork draining northern boundary of gossan. Rocks in vicinity: sericite schist and semi-schist. Stream 0.5-1m wide, 10-15cm deep.
- S-007 Near camp on north side of gossan area. Stream approx. 1m wide and 10-15cm deep, draining gossanous altered volcanics, semi-schists and schists. Stream runs through now gossanous morainal material.
- S-008 From below glacier on west side of South Treaty Glacier. Fast-moving, 1.5m wide, 10-30cm deep. Gossanous altered volcanic outcrops and some rusty sediments.

**AUTHOR'S NOTE:** The field report of C. Hrkac contains an interesting observation -- "Water from a small stream coming out from under talus was found to be warmer than surrounding streams and steam was produced when this small stream hit the main stream (vicinity just east of Treaty claim)".

#### E. Field Procedure and Laboratory Analysis

Rock samples were analysed by Acme Analytical Laboratories of 852 E. Hastings Street, Vancouver, B.C. Preparations for the 16 element multi-assay included: digestion of a representative

1.00 gm sample with 50 ml of 3-1-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95 deg C for one hour followed by dilution to 100 ml with water. This method is sensitive to 0.01% on base metals upon subsequent atomic absorption analysis. Golds were treated separately by subjecting representative 10 gm samples to standard fire-assay preconcentration techniques to produce silver beads which were then dissolved prior to the AA analysis.

Heavy mineral sediment samples were collected in the field using a gold pan specially adapted for this purpose. The samples were treated by Min-En Laboratories of North Vancouver, B.C. Heavy mineral fraction was separated by specific gravity flotation. The fractions were then subjected to 31 element analysis using standard ICP techniques. Golds were analysed by Atomic Absorption after standard preparation with aqua regia solutions.

## F. Conclusions

As has been the case in previous efforts in the Treaty Creek area, rock sampling of mineralization in place failed to disclose economic levels of gold and silver mineralization. At the same time, the highly anomalous level registered in heavy mineral sample S-007, 4,240 ppb in gold, suggests that a zone of auriferous mineralization may yet be discovered by further work.

The following reasons may explain why at least two attempts to find gold-bearing mineralization on the Treaty claim have been unsuccessful:

1. Both the present study and the one mounted by E & B several years earlier were of very short duration. Experience at the "Sulphurets" property to the south has shown that systematic rock (and soil) geochemical sampling along a grid is the best method of establishing gold-bearing zones.
2. The entire alteration zone is extremely weathered. It is possible that values in rocks at surface have been completely leached out.
3. The source of the anomalous heavy mineral sediment sample(s) lies at depth. Discovery of native sulphur at several spots in the alteration zone on the Treaty claim suggests the uppermost level of an epithermal system. According to popular geological models, there is a reasonable probability of locating gold-silver deposits below this level. [Two more observations tend to support the presence of an epithermal system: one, E. Kruckowski reported that E & B prospectors brought back large crystals of native orpiment from the Treaty claim; and, two, the discovery of what appears to be a "warm" spring by C. Hrkac during the

1985 work].

The author recommends that an intensive exploration program be carried out on the Treaty claim before dismissing its potential for hosting gold-silver deposits. This work should be supervised by a geologist experienced with alteration zones and epithermal systems. The scope of the program should be modelled on experience at the high-grade, gold-silver "Sulphurets" property to the south [geology of the Treaty claim and surrounding area is very similar to that at Sulphurets].

Respectfully submitted,



D. Cremonese, P.Eng.  
March 27, 1986

## APPENDIX I --- WORK COST STATEMENT

Field Personnel:	
C. Hrkac, Geologist - Sept. 5,6,7,8,9 5 days @ \$200/day	\$ 1000
J. Herrero, Assistant - Sept. 5,6,7,8,9, 5 days @ \$100/day	500
Helicopter - Vancouver Island Hel./Stewart base	
Sept. 5 --- 1.8 hrs @ \$517.50/hr.	931
Sept. 9 --- 1.2 hrs @ \$616/hr	739
Food --- 10 man-days @ \$30/man-day	300
Field supplies --- Kerosene, gas, sample bags, ribbon, plugger (standby), etc.	85
Base camp/Stewart accomodation: Sept. 4-10, 1986 7 days @ \$10/day	70
Truck rental - 7 days @ \$20/day (all-found)	140
Crew -- Mob/demob Vancouver-Stewart-Vancouver 5% of \$2800	140
Assays	
6 -- 16 element ICP assay @ \$20/unit (Acme)	120
6 -- rock sample preparation @ \$2.75 (Acme)	15
8 -- heavy min. flotation prep. @ \$20 (Min-En)	160
8 -- heavy min., 32 elem. ICP, Au @ \$12 (Min-En)	96
Report Costs	
Preparation and compilation, maps and report D. Cremonese, P.Eng. -- 2 days @ \$300/day	600
Draughting - F. Chong	80
Word processor, 4 hrs @ \$25/hr.	100
Copies, xerox, blow-ups, jackets, etc.	60
TOTAL .....	<u>\$ 5,136</u>

APPENDIX II - CERTIFICATE

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at Suite 200--675 W. Hastings, Vancouver, B.C.
2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).
3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.
4. I have practiced my profession since 1979.
5. This report is based upon work carried out on the Treaty mineral claim, Skeena Mining Division, in September of 1985.
6. I am a principal of Teuton Resources Corp., operator of the work program on the Treaty claim; this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 27 day of March, 1986.



D. Cremonese, P.Eng.

ASSAY CERTIFICATE

SAMPLE TYPE: ROCK CHIPS ASSAY IN GRAM REGULAR ASSAY

DATE RECEIVED: OCT 16 1985 DATE REPORT MADE: *Oct 23/85* ANALYST: *D. Jeps* CLIENT: TONYE DR TOM SAUNDRY, LEECH HED B.C. ASSAY LTD.

TEUTON RESOURCES FILE # 85-2013A

PAGE 1

SAMPLE NO	Mo %	Cu %	Pb %	Zn %	Mn OZ/T	Ni %	Co %	Pb %	Fe %	As %	U %	Hg %	Ld %	Sb %	Bi %	Au OZ/T
9420	.001	.01	.01	.01	.08	.01	.01	.01	4.52	.01	.002	.01	.010	.010	.010	.001
9421	.001	.01	.01	.01	.04	.01	.01	.01	6.64	.01	.002	.01	.010	.010	.010	.002
9422	.001	.01	.01	.01	.12	.01	.01	.01	30.11	.01	.002	.01	.010	.010	.010	.003
9423	.001	.01	.01	.01	.01	.01	.01	.06	1.31	.01	.002	.01	.010	.010	.010	.001
9424	.001	.01	.01	.01	.04	.01	.01	.08	7.51	.01	.002	.01	.010	.010	.010	.001
9425	.004	.01	.01	.01	.02	.01	.01	.01	2.16	.01	.002	.01	.010	.010	.010	.002
9426	.001	.01	.01	.01	.03	.01	.01	.18	4.88	.01	.002	.01	.010	.010	.010	.003
9442	.001	.01	.03	.02	.13	.01	.01	.10	28.41	.23	.002	.01	.010	.010	.010	.020
9443	.057	.11	.01	.05	.86	.01	.01	.02	36.55	.02	.002	.01	.010	.010	.010	.000
9444	.002	1.80	.18	1.17	5.82	.01	.01	.04	20.14	.02	.002	.01	.010	.010	.010	.518
9445	.001	.04	.01	.01	.14	.01	.01	.01	22.28	.34	.002	.01	.010	.010	.010	.015
9446	.004	.01	.01	.01	.11	.01	.01	.01	7.67	.02	.002	.01	.010	.010	.010	.024
9447	.002	.02	.01	.02	.08	.01	.01	.03	9.39	.01	.002	.01	.010	.010	.010	.015
9448	.001	.01	.04	.11	.05	.01	.01	.01	5.39	.01	.002	.01	.010	.010	.010	.011
9449	.001	.08	.02	.05	.36	.01	.01	.01	24.64	.03	.002	.01	.010	.030	.010	.028
9450	.001	.03	.05	.08	.87	.01	.01	.06	36.76	.09	.002	.01	.010	.020	.010	.039
9451	.001	2.77	.01	.01	.08	.01	.01	.01	4.56	.02	.002	.01	.010	.010	.010	.031
9452	.001	.02	.14	.14	.56	.01	.01	.22	27.21	.04	.002	.01	.010	.010	.010	.915
9453	.001	.06	.05	.28	.07	.01	.01	.07	35.37	.05	.002	.01	.010	.010	.010	.018
9454	.001	.05	.02	.02	.12	.01	.01	.09	33.79	.06	.002	.01	.010	.010	.010	.011
9455	.001	4.73	.01	.01	.23	.05	.01	.02	15.84	.04	.002	.01	.010	.010	.010	.068
9456	.001	.08	.02	.01	.08	.01	.01	.03	39.87	.07	.002	.01	.010	.010	.010	.012
9457	.001	.05	.01	.01	.03	.01	.01	.07	15.96	.02	.002	.01	.010	.010	.010	.009
9458	.001	.05	.01	.06	.09	.01	.01	.01	2.86	.01	.002	.01	.010	.010	.010	.011
9459	.008	.43	1.54	.86	6.82	.01	.01	.27	9.25	.02	.002	.01	.010	.350	.010	.018
9460	.006	.01	.09	.03	.16	.01	.01	.14	27.60	.04	.002	.01	.010	.010	.010	.015
9461	.001	.03	.01	.02	.06	.01	.01	.13	6.29	.01	.002	.01	.010	.010	.010	.009
9462	.001	.11	.15	.27	.22	.01	.01	.12	6.74	.05	.002	.01	.010	.030	.010	.007
9463	.008	2.65	.15	15.91	4.49	.01	.01	.23	24.67	.07	.002	.01	.070	.030	.010	.312
9464	.001	.01	.08	.15	.20	.01	.01	.29	6.65	1.03	.002	.01	.010	.010	.010	1.678
2101	.001	.06	.22	.52	.27	.01	.01	.08	16.73	.30	.002	.01	.010	.030	.010	.008
2102	.001	.07	.04	.10	.17	.01	.01	.21	12.36	.19	.002	.01	.010	.040	.010	.009
2103	.001	.17	.62	1.18	1.13	.01	.01	.08	13.85	.06	.002	.01	.010	.100	.010	.029
2104	.001	.17	.97	.70	1.09	.01	.01	.03	25.75	.11	.002	.01	.010	.090	.010	.016
2105	.001	.14	.82	.54	1.45	.01	.01	.01	33.40	.10	.002	.01	.010	.130	.010	.014
2106	.001	.50	.05	1.06	2.72	.01	.01	.10	10.18	.07	.002	.01	.010	.210	.010	.039
STD R-1	.007	.89	1.37	2.42	2.97	.03	.02	.08	7.01	.74	.013	.01	.040	.160	.030	

Tready Creek

TENNYSON

OFF PROPERT-

T9



PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-785

ATTENTION: D. CROMBIE

(604)980-5814 OR (604)988-4524

\* TYPE NON MAG HM \* DATE: OCT 18, 1985

VALUES IN PPM	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
S001	2.7	3920	1	8	26	5.1	21	990	.1	17	112	172440
S002	10.0	4900	117	11	38	8.1	36	2180	11.9	36	405	246270
S003	3.8	8550	97	11	27	5.3	26	3030	1.6	25	277	168320
S004	4.3	10090	82	13	31	5.8	29	5110	1.4	29	325	188610
S005	5.0	3550	1	9	35	7.2	32	1010	2.9	25	273	225410
S006	4.3	3600	1	7	27	5.3	24	1090	12.1	21	246	173110
S007	9.4	11480	33	14	33	6.2	30	8380	.6	64	403	194830
S008	4.7	24760	102	27	79	10.3	37	22820	1.5	67	382	220250
S009	4.5	9490	64	11	361	14.2	39	2780	.1	73	441	272970
S010	6.9	13090	14	14	767	15.1	42	3500	.5	111	542	279080
S011	20.0	11560	265	16	104	11.6	41	1510	28.0	60	646	286670
S012	23.0	14390	825	18	142	8.0	43	6550	4.0	72	1072	282770
S013	30.5	14040	1005	19	51	7.8	42	5260	52.2	56	1137	290420
S014	141.0	8750	1385	17	471	9.9	48	6600	27.0	85	1273	316320
S015	16.9	8330	409	11	29	5.4	31	7550	9.2	43	421	187780
S016	36.0	11880	686	14	102	8.2	35	6310	10.6	55	650	228450

*Treasury  
Creed*

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-785

ATTENTION: D. CROHMESE

(604)980-5814 OR (604)988-4524

\* TYPE NON MAG HM \*

DATE: OCT 18, 1985

VALUES IN PPM )	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
S001	810	3	1840	6	20	90	3	940	33	40	66	1
S002	710	3	2920	57	29	70	2	1130	174	61	97	1
S003	300	7	3710	519	23	120	8	1130	46	42	72	1
S004	360	8	4830	631	25	110	11	1350	52	46	84	1
S005	400	2	2580	19	27	70	2	810	73	58	82	1
S006	330	2	2340	33	20	30	4	540	69	41	68	1
S007	430	7	5840	522	27	70	15	1970	101	48	93	1
S008	490	19	11550	911	36	110	108	3560	94	63	160	1
S009	390	9	3810	3672	41	50	277	3290	109	72	131	1
S010	520	17	4490	9847	45	60	286	3820	112	79	154	1
S011	540	13	4040	8473	66	60	115	2730	725	111	122	1
S012	660	12	5030	1166	35	40	34	3550	300	128	121	1
S013	520	14	5060	2181	39	40	28	2040	382	118	128	1
S014	780	3	4480	8483	37	30	52	3660	1471	277	141	1
S015	470	8	5110	458	22	50	22	1410	231	58	117	1
S016	430	8	5630	2423	31	170	21	2270	602	134	100	1

*Tranby Creek*

COMPANY: TENTON RESOURCES

MIN-EN LABS ICP REPORT

(ACT:GEO27) PAGE 3 OF 3

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-785

ATTENTION: D. CROMMIESE

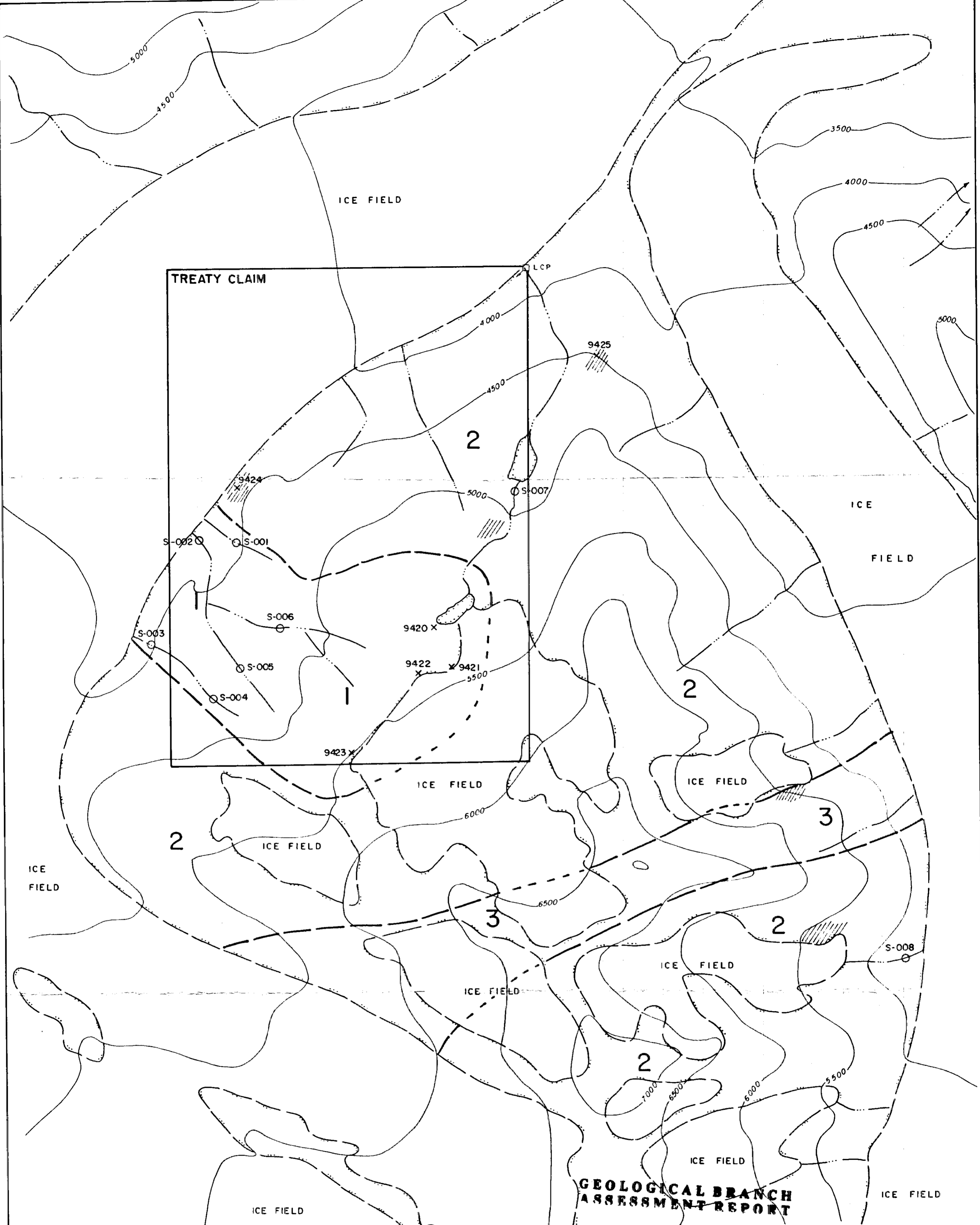
(604)980-5814 OR (604)988-4524

\* TYPE NON MAG HM \*

DATE: OCT 18, 1985

VALUES IN PPM )	Q	V	ZN	GA	GE	SE	SN	N	AD-PPB	HM%
S001	1	14.2	135	4	13	1	11	1	20	7.86
S002	1	23.8	662	1	16	1	11	4	270	5.50
S003	1	40.9	229	6	32	1	10	3	20	2.20
S004	1	51.4	268	1	12	1	9	1	25	2.06
S005	1	19.9	180	1	15	1	11	1	485	6.11
S006	1	16.5	543	1	11	1	8	3	420	6.99
S007	1	63.8	94	4	14	1	9	1	4240	1.83
S008	1	118.6	111	1	18	1	3	12	5	74
S009	1	45.9	430	1	24	1	7	7	5	.80
S010	1	57.0	499	1	28	1	8	11	5	.68
S011	1	53.8	1308	1	23	1	13	11	1255	1.23
S012	1	66.4	339	1	19	1	16	1	6280	1.59
S013	1	88.5	2018	1	19	1	16	11	6500	1.71
S014	1	60.1	2302	1	24	1	15	13	2750	4.24
S015	1	36.7	382	7	14	1	10	4	920	4.07
S016	1	73.8	722	1	16	1	8	7	1240	2.74

Treaty  
Creek



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,734**

**LEGEND**

- CREEK OR STREAM
- ICE FIELD
- APPROXIMATE GEOLOGICAL CONTACT
- HEAVY MINERAL SEDIMENT SAMPLE
- × ROCK CHARACTER SAMPLE
- /// GOSSANOUS AREA (Outside of main gossan)

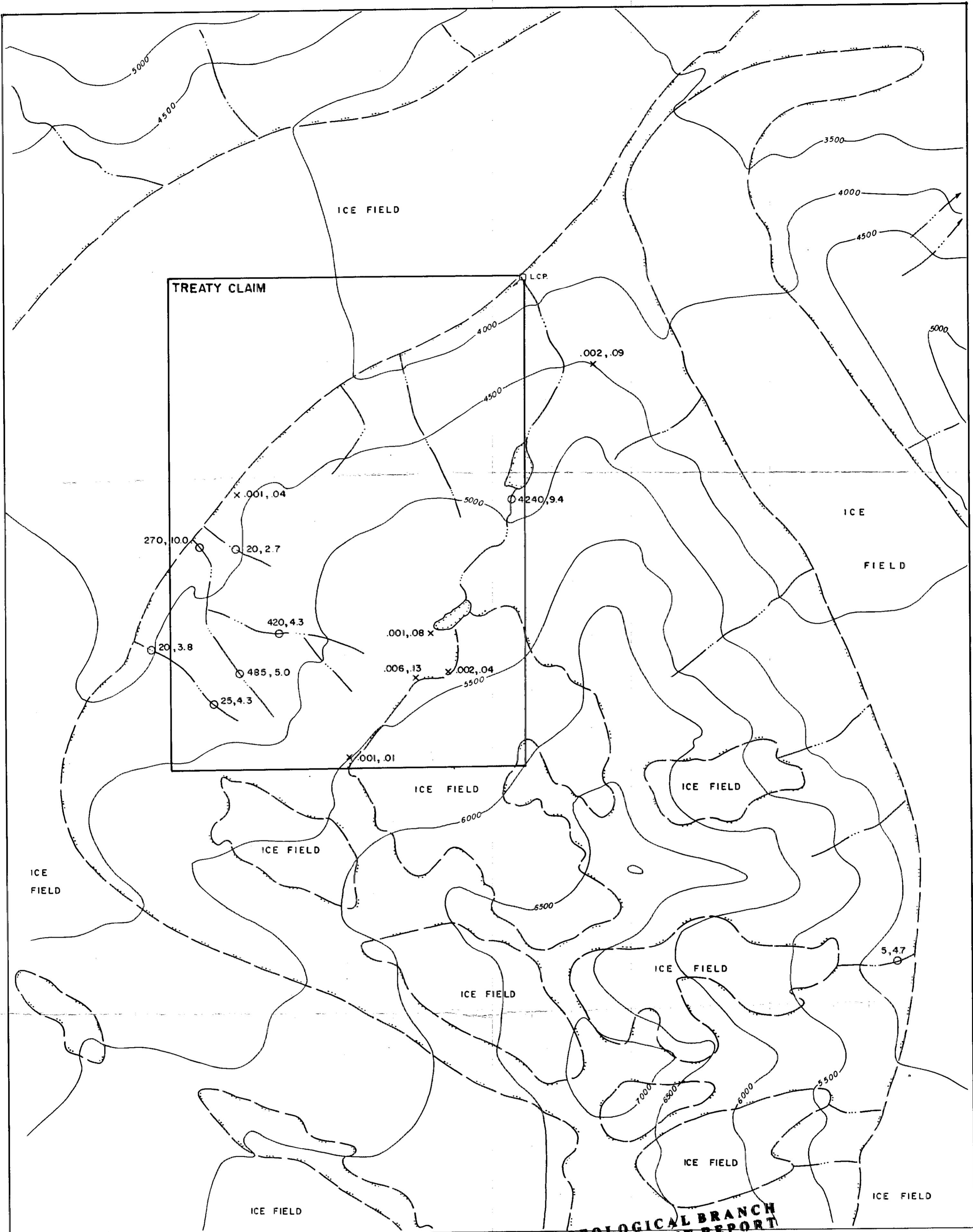
JURASSIC	1	PHYLITE, semi-schist, schist gossanous
MIDDLE JURASSIC	2	BETTY CREEK FORMATION pillow lava, broken pillow breccias, conglomerate sandstone & siltstone
LOWER JURASSIC	3	UNUK RIVER FORMATION conglomerate, sandstone, siltstone and some volcanic breccia

NOTE: GEOLOGY AFTER GROVE, REF. 2



Contours at 500 feet interval

<b>TEUTON RESOURCES CORP.</b>	
<b>TREATY CLAIM GEOLOGY AND SAMPLE LOCATION MAP</b>	
N.T.S. 104 B-8E SKEENA M.D., B.C.	
0 200 400 600 METRES	
SCALE 1:10,000	DATE: MARCH 1986
DRAWN BY:	MAP N <sup>o</sup> . 1



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,734**

**LEGEND**  
 — CREEK OR STREAM  
 — ICE FIELD  
 ○ 420, 4.3 Au IN PPB, Ag IN PPM  
 × .006, .13 Au IN OZ/TON, Ag IN OZ/TON



Contours at 500 feet interval

TEUTON RESOURCES CORP.	
<b>TREATY CLAIM GEOCHEMISTRY GOLD &amp; SILVER</b>	
N.T.S. 104B-8E. SKEENA M.D., B.C.	
0 200 400 600 METRES	
SCALE 1:10,000	DATE: MARCH 1986
DRAWN BY:	MAP NO. 2