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ASSESSMENT REPORT  
ON  
GEOCHEMICAL WORK  
ON THE FOLLOWING CLAIMS

FILMED

CLARA 1 ..... 5619(10)  
CLARA 2 ..... 5620(10)

located

50 KM NORTHWEST OF  
STEWART, BRITISH COLUMBIA  
SKEENA MINING DIVISION

56 degrees 18 minutes latitude  
130 degrees 25 minutes longitude

N.T.S. 104B/8W

PROJECT PERIOD: Nov. 12, 1987 to Sept. 28, 1988

ON BEHALF OF  
TEUTON RESOURCES CORP.  
VANCOUVER, B.C.

REPORT BY

D. Cremonese, P. Eng.  
200-675 W. Hastings  
Vancouver, B.C.

Date: Jan. 24, 1989

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,306

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## 1. INTRODUCTION

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

The property is located about 50 km northwest of Stewart, British Columbia. Present access is by helicopter, either directly from Stewart or from the air strip at the terminus of the Granduc mining road, located about 20 km east of the property.

The South Unuk River flows south-north, roughly paralleling the eastern boundary of the Clara 1 & 2 claims. Elevations vary from a low of 600 m along the stream bed of the South Unuk River to a high of 1,980 m atop an unnamed peak in the western portion of the Clara 2 claim. Except for certain areas along the lower course of the South Unuk River and semi-plateaus in zones of ablation along the icefields the topography of the claims area can be characterized as rugged to extremely steep. A mantle of spruce, cedar, cottonwood, hemlock and mountain balsam covers slopes at lower elevations. Thick underbrush makes traversing close to the river's edge a difficult undertaking.

Climate is severe, particularly at higher elevations. Heavy snowfalls in winter and rain in the short summer working season are typical of the Stewart area.

### B. Status of Property

Relevant claim information is summarized below:

Name	Record No.	No. of Units
Clara 1	5619(10)	18
Clara 2	5620(10)	18

Claim locations are shown on Fig. 2 after government N.T.S. map 104B/8W. The claims are registered in the name of the author who holds them on trust for Teuton Resources Corp. of Vancouver, British Columbia.

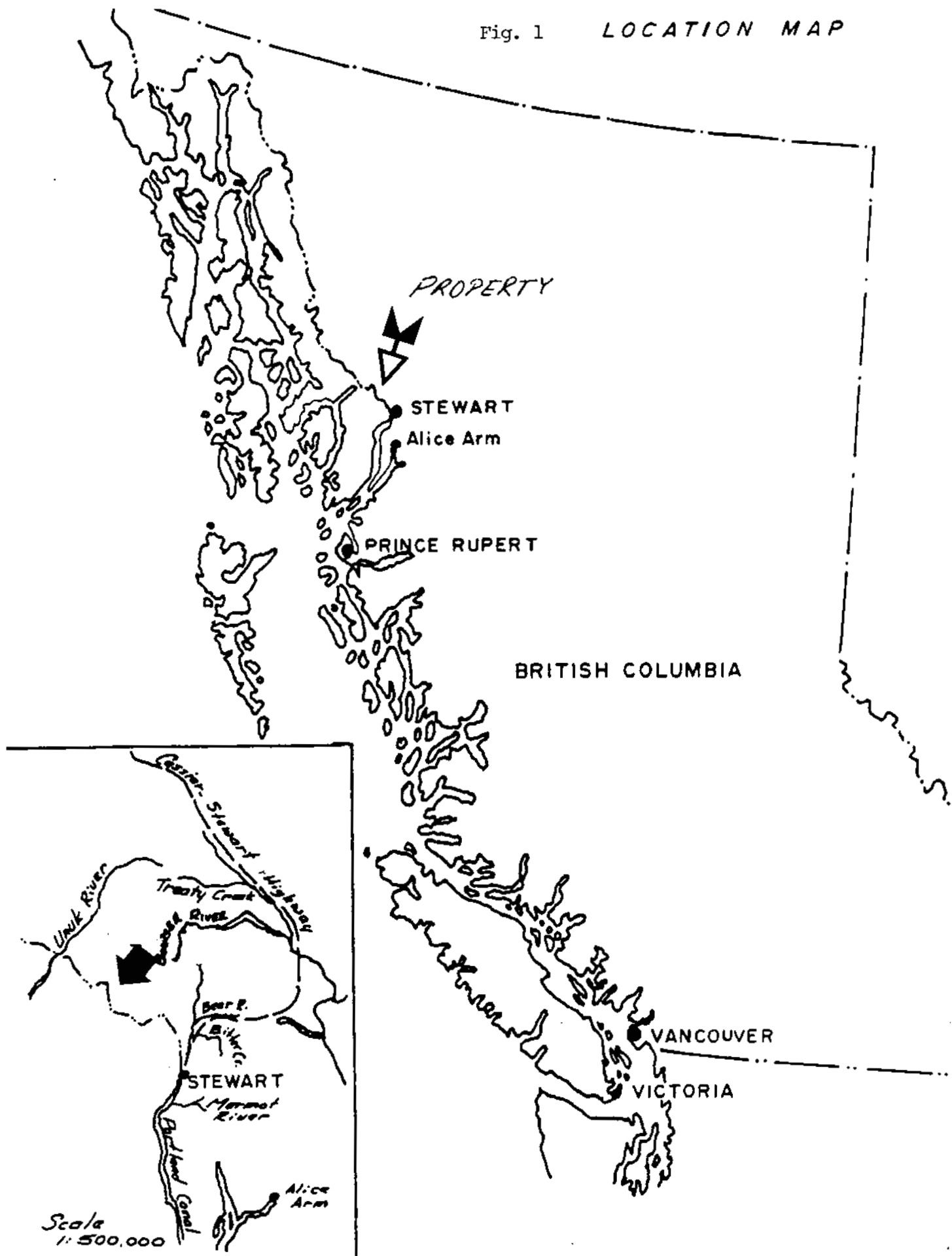
### C. History

The author was unable to locate any references to past exploration on the Clara 1 and 2 claims proper.

First recorded work undertaken locally occurred on the "Globe" Crown Grants, approximately 2 km north of the property. This work, which formed part of the earliest activity in the Unuk River area, took place around 1900 and consisted of exploration and development of a strong quartz vein (exposed by stripping for over 100 m). Despite transportation difficult-

Fig. 1

LOCATION MAP



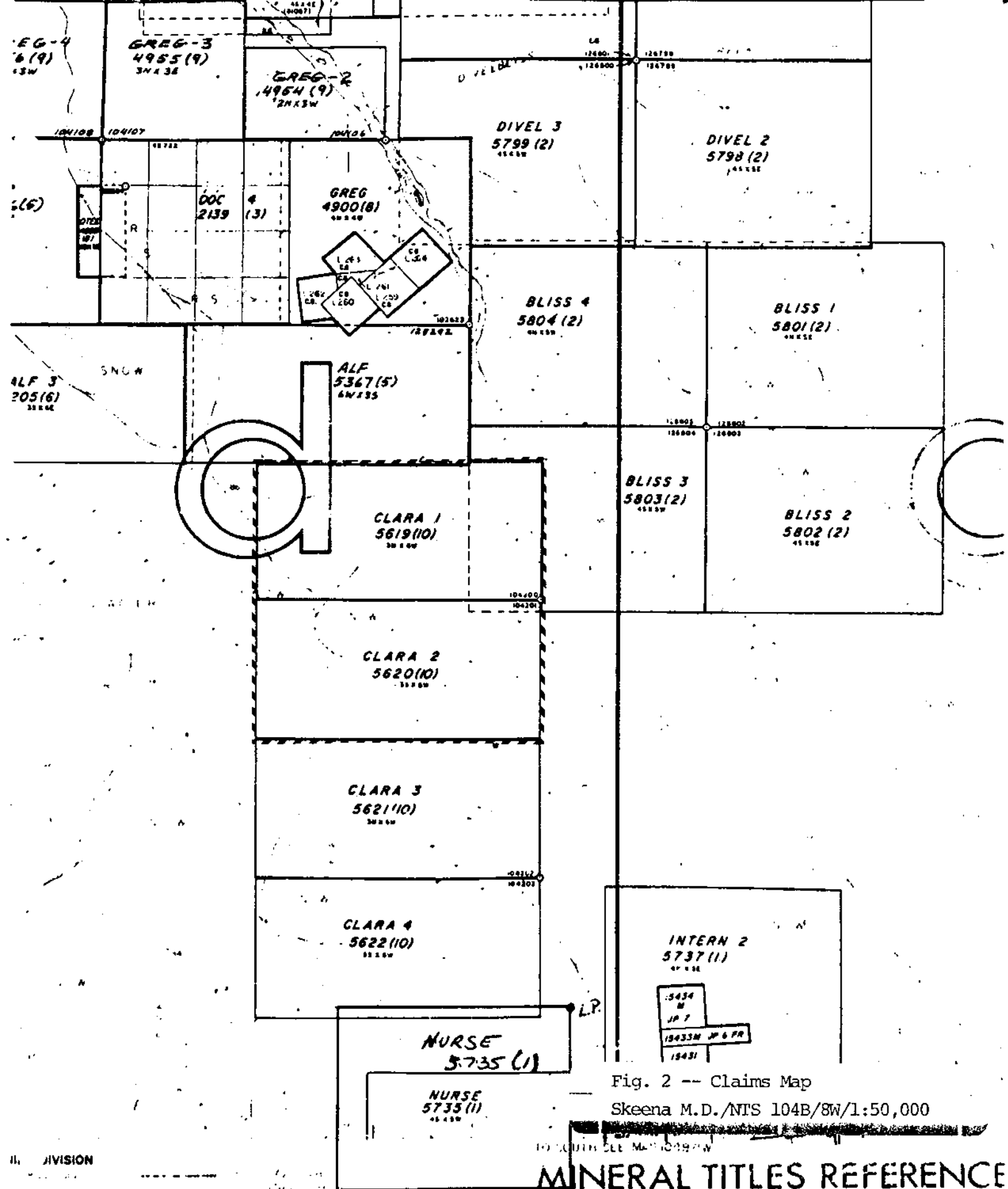


Fig. 2 -- Claims Map

Skeena M.D./NTS 104B/8W/1:50,000

ies, a small stamp mill was constructed complete with concentrating tables and copper plates; power was supplied by a 4 m diameter water wheel which developed 10 horsepower.

In 1946, Tom McQuillan staked the Doc property (now part of the claim group adjoining immediately north of the Clara claims) for Leith Gold Mines after discovering several quartz vein systems. Between 1947 and 1949, Halport Mines optioned the Doc property and carried out surface trenching and preliminary EX-core size drilling. The property was more or less dormant till 1974-75, when New Minex did some channel sampling and conducted geophysical surveys. In 1980, Dupont Exploration carried out a grid survey, soil sampling, and geological mapping before dropping their option. A new phase in exploration of the Doc property began in 1985 when the property was optioned to Silver Princess Resources. Silver Princess re-optioned the property to Magna Ventures, the latter vesting a 50% working interest in 1987. Beginning in the final months of 1988, Echo Bay Mines optioned the property from Silver Princess and Magna, and carried out an extensive \$3 million dollar program including surface and underground diamond drilling and underground development.

South of the property, on what is now the Nurse Claim, geologists working for Canada Wide Mines discovered in 1980 large, mineralized float boulders on the southern rim of the South Unuk Glacier. Work by Teuton Resources in 1987 on this occurrence discovered the putative source: two large quartz veins exposed in a cliff face up-glacier from the float boulders. The quartz vein mineralization included galena, sphalerite, chalcopyrite, and pyrite with accompanying values in silver and gold.

#### D. References

1. ALLDRICK, D.J. (1984); Geological Setting of the Precious Metals Deposits in the Stewart Area, Paper 84-1, Geological Fieldwork 1983", B.C.M.E.M.P.R.
2. GROVE, E.W. ET AL (1982); Unuk River-Salmon River-Anyox Area. Geological Mapping 1:1000000 B.C.M.E.M.P.R.
3. GROVE, E.W. (1971); Geology of Mineral Deposits of the Stewart Area. Bulletin 58, B.C.M.E.M.P.R.
4. GROVE, E.W. (1986); Geology and Mineral Deposits of the Unuk River-Salmon River-Anyox Area. Bulletin 63, BCMEMPR
5. GEWARGIS, W.A. (1986); 1986 Diamond Drilling Report on the Doc Claims Property. Private Report for Magna Ventures Ltd.

6. CREMONESE, D.C. (1988); Assessment Report on Geochemical and Geological Work on the Nurse and Clara 4 Claims. On File with BCMEMPR.

7. FIELD NOTES (1988); As supplied by contractor Kruchkowski Consultants for November, 1987 sampling, and from geologist M. Royle for Sept. 1988 sampling.

8. NATIONAL GEOCHEMICAL RECONNAISSANCE--1:250000 MAP SERIES---ISKUT RIVER AREA, BRITISH COLUMBIA--NTS 104B; GSC Open File 1645, MEMPR BC RGS 18.

#### E. Summary of Work Done.

The silt geochemical survey conducted over the claims area in November, 1987 was undertaken by contractor E.R. Kruchkowski Consultants of Calgary, Alberta. Work crew was mobilized out of Stewart by helicopter. This work was originally scheduled for the period prior to the anniversary date of the Clara claims--however, weather and project logistics delayed the beginning of the program till November, when the area was already under snow. Despite difficult ground conditions the two man crew collected 9 silt and 3 rock geochemical samples.

A two-man crew headed by geologist Michael Royle was sent into the Clara claims in late September, 1988 to follow-up some of the more interesting gold anomalies detected the previous year. After only a few samples had been taken, both members of the crew were challenged by a large bear. A retreat was made to higher ground--after a few hours had passed another attempt was made to access the area of interest. Unfortunately, the bear was encountered again. This time it was decided, for reasons of personal safety (neither crew member was armed), to leave the area altogether. The crew spent the rest of the day waiting for the helicopter. Only one silt sample and three rock geochemical samples were taken. A prolonged spell of inclement weather followed which prevented further reconnaissance over the claims area in 1988.

Samples were shipped to Acme Analytical Laboratories and analysed for gold content (ppb tolerance) as well as being subjected to a 30 element ICP scan.

## 2. TECHNICAL DATA AND INTERPRETATION

### A. Geology

Within the Stewart area, Lower Jurassic Group rocks which include an extensive sequence of volcanic and sedimentary rocks are generally unconformably overlain by Middle and Upper Jurassic Bowser rocks which are comprised of a series of marine and non-marine sediments with minor volcanics. In the project area, the oldest rocks as outlined by Grove's map (Ref. 2) appear to be Triassic schists and gneissics forming an isolated block along the Leduc and South Unuk Rivers. These rocks are described as biotite and/or hornblende schists with some mylonite and cataclasite developments.

East of the Triassic schists, the Unuk River Formation of Lower Jurassic age has been identified. These rocks consist of thick sequences of pillow lavas as well as sequences of green, red and purple volcanic breccia, conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. This formation appears to form long linear belts or zones of rocks generally extending from the Iskut River south to the Alice Arm area. The overlying Betty Creek Formation of Lower Middle Jurassic age which consists of green, red, purple and black volcanic breccia, conglomerate, sandstone and siltstone with minor crystal and lithic tuffs, chert, limestone and lava appears to have been eroded. The Salmon River Formation of late Middle Jurassic age unconformably overlies the Unuk River Formation and consists of dark color banded siltstones, greywackes, intercalated calcarenite (limestone) and a variety of volcanic sediments and a few flow rocks.

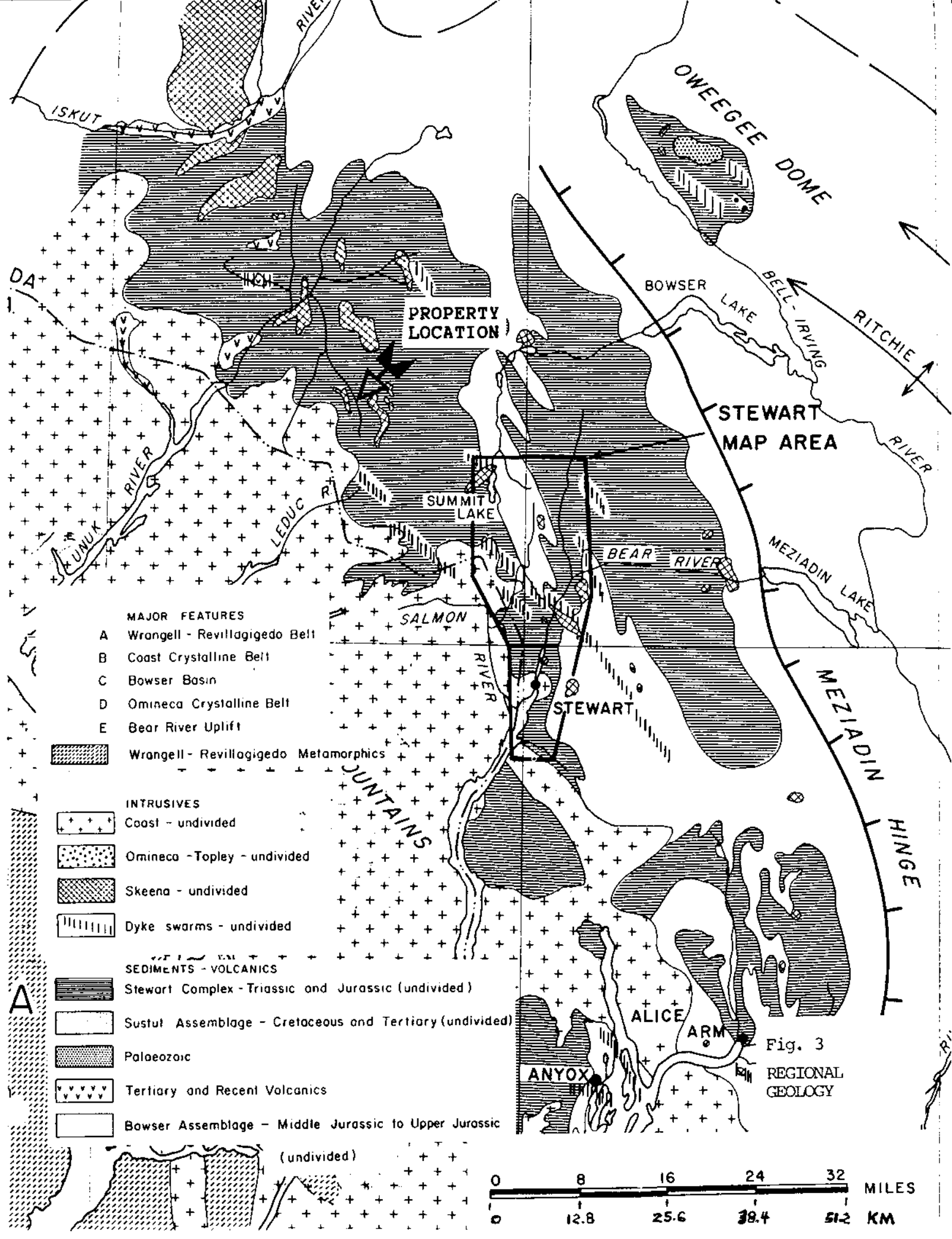
The bulk of the Hazelton rocks were derived from a uniform sequence of andesitic volcanics which after erosion were deposited as lenticular overlapping beds. Many units display lateral fragment size, gradation from large breccia chunks through conglomerate to sandstone and siltstone.

Granodiorite is the dominant rock of the Coast Crystalline Batholith. Stocks and plutons generally varying from quartz monzonite, quartz diorite to granite are associated intrusive phases.

Structurally, the Betty Creek and overlying Salmon River units have been folded into doubly plunging, east-west trending synclines overlying the more massive Unuk River members. These canoe-fold structures are common within the Stewart complex reflecting half graben development.

The Clara property lies adjacent to and includes altered rocks intruded by the Main Coast Range Batholith. Regional geology is shown on Fig. 3.





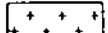
**MAJOR FEATURES**

- A Wrangell - Revillagigedo Belt
- B Coast Crystalline Belt
- C Bowser Basin
- D Omineca Crystalline Belt
- E Bear River Uplift



Wrangell - Revillagigedo Metamorphics

**INTRUSIVES**



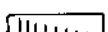
Coast - undivided



Omineca - Topley - undivided



Skeena - undivided

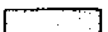


Dyke swarms - undivided

**SEDIMENTS - VOLCANICS**



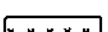
Stewart Complex - Triassic and Jurassic (undivided)



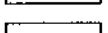
Sustut Assemblage - Cretaceous and Tertiary (undivided)



Palaeozoic



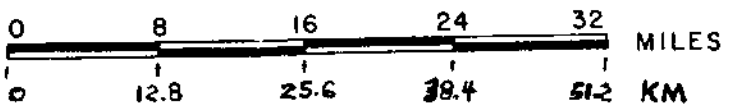
Tertiary and Recent Volcanics



Bowser Assemblage - Middle Jurassic to Upper Jurassic

(undivided)

Fig. 3  
REGIONAL  
GEOLOGY



## B. Geochemistry--Stream Sediment Samples

### a. Introduction

Altogether 10 silt samples were collected. Sample locations are marked as "x's" enclosed within circles on Fig. 4 (Map Pocket). Geochemical sample sites were plotted on a base map prepared on a scale of 1:5000. Locations were predicated on field altimeter readings and reference to airphotos. Gold (ppb), silver (ppm) and tungsten (ppm) values are shown on Fig. 5; copper (ppm), lead (ppm) and zinc (ppm) are shown on Fig. 6. Although many other elements were analysed for by ICP, only those cited above were considered to be of economic or statistical interest--values for these other elements are contained within the Assay sheets (Appendix III).

Samples taken in November of 1987 are suffixed with an "'87" in brackets. Those taken in September of 1988 already have "88" in the sample names proper.

### b. Treatment of data

The sample set is much too small to apply standard statistical methods for determining threshold and anomalous levels. Instead, a comparison is made below to results of the National Geochemical Reconnaissance stream sediment results for the Iskut River area (Ref. 8), this as a means of delineating those samples thought worthy of follow up exploration.

<u>Element</u>	<u>95th Percentile - Gov't Regional Survey - NTS 104B</u>
Gold	168 ppb
Silver	1.0 ppm
Tungsten	5.0 ppm
Copper	169 ppm
Lead	48 ppm
Zinc	328 ppm

Although selection of the 95th percentile mark for stream sediment results from the National Geochemical Reconnaissance survey is somewhat arbitrary, it is probably the best benchmark available.

### c. Discussion

Samples showing values in excess of the 95th Percentile as discussed in the previous section are tabulated below ("anomalous" values have been underlined):

<u>Sample #</u>	<u>Gold</u> <u>(ppb)</u>	<u>Silver</u> <u>(ppm)</u>	<u>Tungsten</u> <u>(ppm)</u>	<u>Copper</u> <u>(ppm)</u>	<u>Lead</u> <u>(ppm)</u>	<u>Zinc</u> <u>(ppm)</u>
LUS-BJ-4	<u>6,010</u>	<u>3.3</u>	<u>9</u>	41	43	39
LUS-BJ-5	<u>1,050</u>	<u>3.7</u>	<u>5</u>	57	27	41
LUS-BJ-6	<u>1,620</u>	0.2	4	72	25	55
SUFLS-1	<u>620</u>	0.3	1	102	28	84

The northernmost streams, from which samples #'s 4-6 in the LUS-BJ series were taken, showed distinctly anomalous levels in gold content. These elevated gold values were accompanied by anomalous levels in silver and tungsten in two out of three cases. The gold-tungsten association suggests the precious metals are probably associated with contact metamorphic mineralization rather than lead-zinc mineralization as is the case both north (Doc-Globe property) and south (Nurse property) of the Clara claims.

Although none of the stream sediment samples were above the 95th percentile level in copper (i.e., 169 ppm), six of the ten registered copper values in excess of 100 ppm. The Unuk River area as a whole is known for a relative abundance of copper mineralization so these elevated levels are not surprising in themselves.

Curiously, resampling of the LUS-BJ-6 stream in 1988 did not confirm the gold value obtained the previous year: sample SCL-88-1 returned only 7 ppb in gold. This could be due to a variety of factors--different sampler, seasonal variation, or particle effect. It may also simply reflect the fact that the 1987 sample, taken further upstream, was closer to the original mineral source.

### C. Geochemistry--Rock Samples

#### a. Introduction

Only 5 rock geochemical samples were collected. Sample locations are marked as "x's" on Fig. 4 (Map Pocket). Geochemical sample sites were plotted on a base map prepared on a scale of 1:5000. Locations were predicated on field altimeter readings and reference to airphotos. Gold (ppb), silver (ppm) and tungsten (ppm) values are shown on Fig. 5; copper (ppm), lead (ppm) and zinc (ppm) are shown on Fig. 6. Although many other elements were analysed for by ICP, only those cited above were considered to be of economic or statistical interest--values for these other elements are contained within the Assay sheets (Appendix III).

Samples taken in November of 1987 are suffixed with an "'87" in brackets. Those taken in September of 1988 already

have "88" in the sample names proper.

b. Treatment of data and discussion

The sample set is much too small to apply standard statistical methods for determining threshold and anomalous levels. A cursory examination of the values for the five rock geochem samples shows they are all well below levels normally considered anomalous (taking into consideration other rock geochemical programs carried out in the Stewart region in previous years). The one exception is sample SUFLR-4 ('87)--it returned a value of 809 ppm in tungsten, a level which can be safely designated as "anomalous".

The SUFLR 4 to 6 samples were taken from an exposed outcrop close to the southern border of the Clara 2 claim. All three samples were described as rusty (slightly pyritic) intrusive rock, probably altered granite.

Descriptions for the CL-88 samples follow:

- CL-88-2: Chip sample across exposed face with quartz veining and altered fractures in a hornblende/granite host. Fractures are approx. 145/55SW. Pyrrhotite in fractures in granite, very little or none in quartz veins.
- CL-88-3: Pyrite and pyrrhotite in fractures in granodiorite. Chip sample across a 10 m face. No quartz veining.

D. Field Procedure and Laboratory Technique

Silt samples were taken in the field by sieving fine stream sediments through a -40mesh nylon screen till approximately 300 to 500 grams of material was collected. This was rinsed from a plastic collecting basin into a standard Kraft Bag. The bags were then marked, allowed to dry, and shipped by bus to Vancouver for analysis at the Acme Analytical Laboratories facility on 852 East Hastings Street. Rock geochem samples were taken with a prospector's pick, bagged, marked and shipped for analysis.

After standard sample preparation, a .500 gram subsample was digested with 3ml of 3-1-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95 degrees Centigrade for one hour, then diluted to 10 ml with water. The resulting solution was tested by Inductively Coupled Argon Plasma to yield quantitative results for 30 elements. Gold was analysed by standard atomic absorption methods from a 10 gram subsample.

### E. Conclusions

The 1987/88 geochemical survey over the property has isolated several gold (silver + tungsten) stream sediment anomalies. These should be followed up by careful prospecting and sampling, abetted by minor trenching and geological mapping. In particular, all of the gold anomalous sample sites should be carefully investigated for source. A closely-spaced heavy mineral stream sediment survey may be useful in delineating such source(s) if other methods fail.

Rather than fly crews in and out of the property on day trips as was previously done, a camp should be set up in the area of interest. Although helicopter access may still be required to investigate higher portions of the property, this can be more economically done from a base camp. A helicopter such as the one stationed at the nearby Echo Bay camp would be the most cost effective.

Respectfully submitted,



D. Cremonese, P.Eng.  
Jan. 24, 1989

## APPENDIX I -- WORK COST STATEMENT

Field Personnel--November, 1987	
F. Longpre, Assistant -- Nov. 14, 1987	
1 day @ \$165/day	165
B. Johannson, Assistant -- Nov. 14, 1987	
1 day @ \$130/day	130
Field Personnel--September, 1988	
Michael Royle, Geologist -- Sept. 25, 1988	
1 day @ \$225/day	225
K. Gourley, Assistant -- Sept. 25, 1988	
1 day @ \$150/day	150
Helicopter -- Vancouver Island Hel. (Stewart Base)	
Crew drop-off/pick-up: Nov. 14, 1987	
2.0 hrs @ \$571.50/hr	1,143
Crew drop-off/pick-up: Sept. 25, 1988	
2.0 hrs @ \$598.50/hr	1,197
Food -- 4 man-days @ \$25/man-day	100
Accommodation/mob-demob/supplies/misc.	
-- prorated share of expenses, other Stewart projects, estimated at .....	350
Assays -- Acme Analytical	
Geochem Au, I.C.P. and silt sample preparation	
10 @ \$11	110
Geochem Alu, I.C.P. and rock sample preparation	
5 @ \$13.25	66
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 1.5 days @ \$300/day	450
Draughting -- RPM Computer Mapping	175
Word Processor - 4 hrs. @ \$25/hr.	100
Copies, report, jackets, maps, etc.	<u>70</u>
TOTAL..... <u>\$4,431</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 Clara 1 and 2 mineral claims, Skeena Mining Division in November, 1987 and September, 1988. Reference to field notes and maps made by Kruchkowski Consultants of Calgary, Alberta, and by Michael Royle, geologist, is acknowledged. I have full confidence in the abilities of all samplers used in the geochemical program and am satisfied that all samples were taken properly and with care.
6. I am a principal of Teuton Resources Corp., beneficial owner of the Clara 1 & 2 claims: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 24th day of January, 1989.



D. Cremonese, P.Eng.

**APPENDIX III**

**ASSAY CERTIFICATES**



GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH JML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR NH FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-2 SILT P3-ROCK AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 27 1987 DATE REPORT MAILED: Dec 2/87 ASSAYER: D. Toyne DEAN TOYE, CERTIFIED B.C. ASSAYER

TEUTON RESOURCES PROJECT-TIPPY LAKE File # 87-5940 Page 1

Table with columns: SAMPLE#, MO, CU, PB, ZN, AG, NI, CO, MN, FE, AS, U, AU, TH, SR, CD, SB, BI, V, CA, P, LA, CR, MG, BA, TI, B, AL, NA, K, W, AU, and AU. Rows include samples like LUS-BJ-1, TLFLS-1, TLS-BJ-1, etc.

CLARA (187)

OFF PROPERTY

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	N	AUG	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
TLFLR-4	1	4	16	54	.4	1	1	461	1.36	3	5	ND	7	2	1	2	3	2	.01	.006	38	1	.02	20	.01	2	.24	.04	.10	1	2	2
TLFLR-6	1	14	12	200	.3	5	8	1021	6.67	4	5	ND	4	25	1	2	2	53	.91	.134	18	8	.51	61	.01	2	2.28	.08	.07	1	1	1
SUFLR-4	15	22	5	22	.1	3	6	280	1.91	8	5	ND	1	95	1	2	2	35	1.14	.114	2	1	.44	18	.10	2	.96	.07	.02	809	1	
SUFLR-5	1	75	4	47	.6	8	17	518	4.10	2	5	ND	1	250	1	2	2	87	2.41	.182	4	8	1.02	77	.16	2	2.70	.37	.10	4	2	
SUFLR-6	1	92	2	43	.3	2	18	472	4.75	4	5	ND	1	294	1	2	2	61	2.63	.209	2	1	.93	77	.12	2	4.17	.45	.04	7	1	

OFF PROPERTY  
 CLARA  
 187

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	I	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	I	I	PPH	PPH	I	PPH	I	PPH	I	I	I	I	PPH	PPB
TLS-DB-4	10	13	94	346	.6	13	4	1422	3.23	19	5	ND	5	22	2	2	2	13	.18	.048	41	5	.16	186	.01	3	.81	.02	.16	1	4
TLS-DB-5	15	13	119	360	.8	11	4	1510	3.30	21	5	ND	6	25	2	2	2	13	.20	.049	42	6	.16	199	.01	3	.86	.02	.15	1	1
TLS-DB-6	15	11	114	341	.6	10	4	1584	3.06	18	5	ND	5	24	2	2	2	12	.19	.043	41	4	.14	190	.01	3	.85	.02	.18	1	1
TLS-DB-7	33	18	193	625	1.2	9	5	1915	4.47	57	5	ND	7	21	3	2	2	12	.15	.048	53	5	.14	160	.01	2	.90	.02	.11	1	6
TLS-DB-8	5	10	84	284	.7	7	4	1281	2.92	15	5	ND	6	24	1	2	2	13	.19	.044	45	4	.15	212	.01	3	.84	.02	.19	1	1
TLS-DB-9	5	9	79	328	.6	7	3	1317	2.89	11	5	ND	6	25	1	2	2	11	.17	.036	49	4	.14	216	.01	2	.81	.02	.16	1	1
TLS-DB-10	4	13	75	190	.8	5	3	891	2.04	6	5	ND	5	24	1	2	2	11	.23	.035	36	3	.13	213	.02	5	.72	.02	.25	1	1
TLS-DB-11	4	14	63	183	.9	6	3	839	2.05	3	5	ND	6	26	1	2	2	13	.25	.036	38	4	.14	223	.03	4	.73	.02	.29	1	1
TLS-DB-12	3	39	24	120	.5	13	8	2637	4.45	9	5	ND	3	35	1	2	2	26	.55	.139	22	8	.38	394	.05	2	1.13	.03	.12	1	1
TLS-DB-13	4	40	21	158	.6	27	10	1561	4.71	11	5	ND	3	45	1	2	2	41	.52	.114	18	15	.64	287	.07	3	1.26	.03	.09	1	1
TLS-DB-14	4	57	17	163	.5	28	9	1671	4.28	9	5	ND	3	63	2	3	2	36	.70	.114	18	14	.57	323	.05	3	1.21	.04	.10	1	2
TLS-DB-15	2	37	14	105	.4	24	10	730	4.21	12	5	ND	3	39	1	2	2	55	.59	.106	11	21	.81	97	.12	3	1.22	.04	.05	1	3
TLS-DB-16	2	28	18	115	.5	23	9	723	4.19	12	5	ND	3	31	1	2	2	54	.49	.092	13	22	.78	95	.09	3	1.22	.03	.08	1	1
TLS-DB-17	1	31	12	97	.2	28	9	553	4.19	9	5	ND	2	25	1	2	2	60	.50	.086	9	30	.99	58	.10	2	1.47	.03	.04	1	4
TLS-DB-18	1	34	14	97	.2	29	10	396	4.21	11	5	ND	2	26	1	2	2	60	.50	.089	9	32	.95	65	.10	8	1.44	.04	.04	1	3
TLS-DB-19	1	35	15	92	.2	29	10	567	4.04	12	5	ND	2	26	1	2	2	57	.51	.090	9	30	.96	67	.10	9	1.46	.04	.04	1	1
TLS-DB-20	2	29	17	104	.4	27	9	676	4.04	11	5	ND	3	26	1	2	2	53	.47	.085	12	26	.86	73	.09	3	1.35	.04	.07	1	3
TLS-6W-1	3	24	39	159	.3	20	7	930	3.78	15	5	ND	3	24	1	2	2	31	.39	.091	21	12	.43	121	.07	2	.98	.03	.10	1	2
TLS-6W-2	3	23	32	154	.5	18	7	953	3.90	15	5	ND	3	27	1	2	2	34	.41	.092	19	13	.48	133	.07	3	1.00	.03	.09	1	1
TLS-6W-3	2	18	33	164	.3	15	6	787	3.89	15	5	ND	4	23	1	2	2	26	.38	.098	26	14	.39	142	.06	3	1.00	.03	.17	1	1
SUFLS-1	1	102	28	94	.5	23	15	629	3.82	6	5	ND	1	68	1	2	2	55	.57	.105	5	30	1.12	79	.08	2	1.54	.04	.06	1	620
SUFLS-2	1	147	13	74	.3	51	22	838	4.42	6	5	ND	1	165	1	2	2	80	.78	.087	4	76	2.02	223	.11	2	2.61	.05	.08	1	50
SUFLS-3	1	156	13	70	.5	52	20	900	4.43	9	5	ND	2	156	1	2	2	78	.74	.082	4	75	2.04	265	.10	6	2.62	.05	.09	2	34
STD C/AU-S	18	57	39	130	7.2	67	27	1026	4.64	40	18	7	38	49	18	18	21	56	.47	.086	37	57	.85	176	.08	32	1.87	.08	.13	11	48

OFF PROPERTY

CLARA '87

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN PB SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AD DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-P2 SOIL/SILT P3-P4 ROCK AD\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

CROSSL'S  
& CLARA

DATE RECEIVED: OCT 4 1988

DATE REPORT MAILED: Oct 13/88

ASSAYER: D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

TEUTON RESOURCES File # 88-4986 Page 1

Table with columns: SAMPLE#, No, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, Al, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au\*, and PPM values for each element.

OFF PROPERTY  
CLARA 188  
OFF PROPERTY

LEADEN RESOURCES TABLE 10 1990

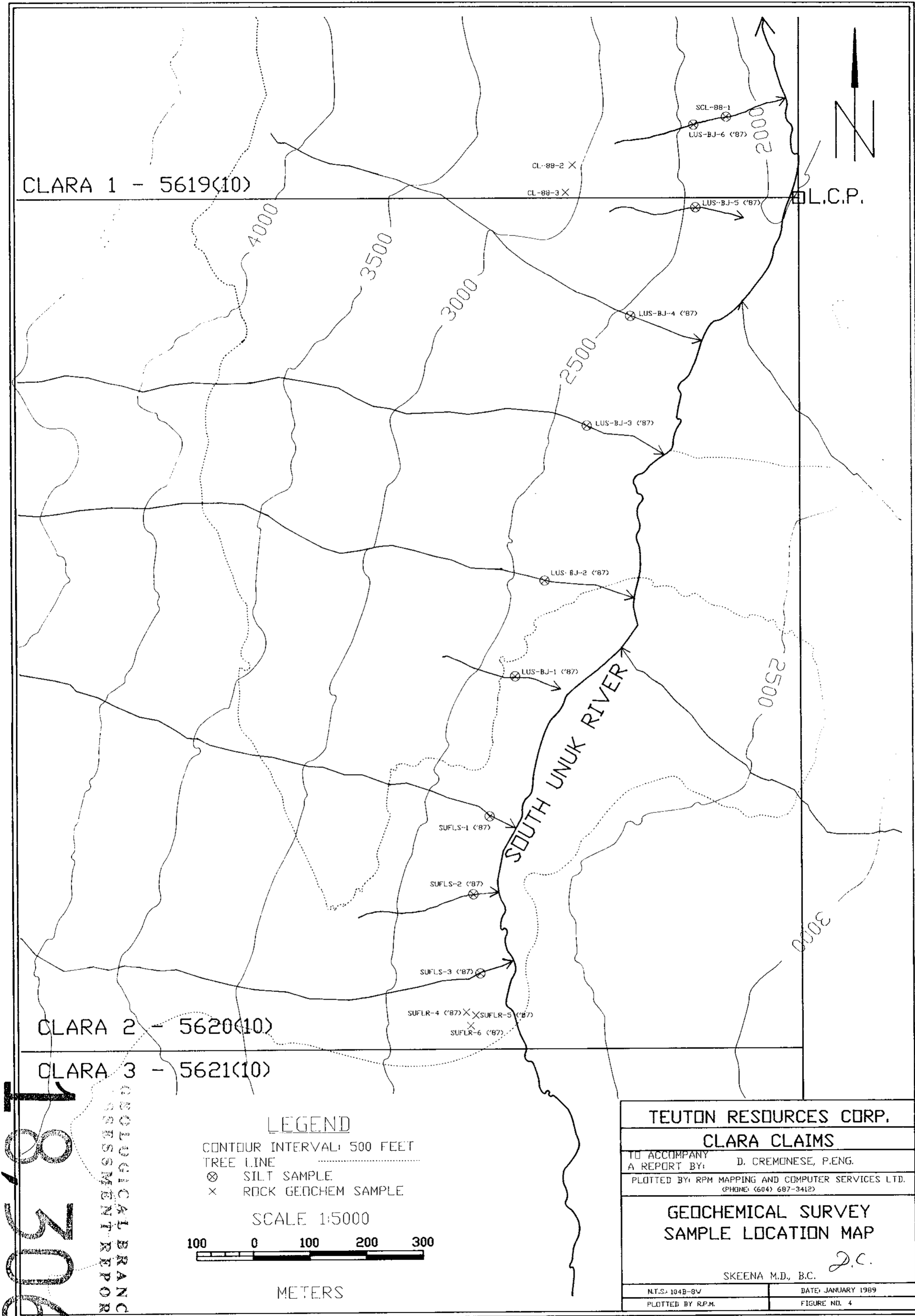
	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Ce	Mg	Ba	Ti	B	Al	Si	K	W	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	PPM	PPM	
KG-CR-88-1	4	24	35	56	.2	10	3	876	1.41	2	5	ND	1	7	1	2	2	1	.01	.009	2	7	.01	42	.01	7	.07	.02	.02	1	1
KG-CR-88-2	2	161	20675	91243	49.4	4	4	919	1.68	7	5	ND	1	25	559	42	2	3	.02	.006	2	21	.01	6	.01	2	.07	.01	.06	3	675
KG-CR-88-3	5	2540	19073	43497	145.5	7	12	9378	5.66	51	5	ND	1	17	225	147	2	5	.26	.084	3	5	.07	32	.01	2	.38	.01	.29	4	158
KG-CR-88-4	1	325	19534	99999	54.1	3	13	3457	2.07	14	5	ND	1	45	1696	41	2	3	.45	.020	2	10	.10	3	.01	3	.11	.01	.11	1	1765
KG-CR-88-5	2	158	22635	2381	23.4	8	6	5292	2.60	16	5	ND	1	65	11	8	2	2	.53	.029	3	4	.03	52	.01	3	.16	.01	.12	1	57
KG-CR-88-6	3	35	4599	1206	4.0	9	4	2662	2.78	645	5	ND	1	173	4	31	2	4	.27	.093	13	6	.03	822	.01	2	.27	.01	.17	1	49
KG-CR-88-7	9	45975	120	457	6.7	6	13	6973	7.15	3	5	ND	1	53	3	2	12	6	.38	.029	5	3	.08	27	.01	3	.64	.01	.20	1	168
KG-CR-88-9	7	99999	139	855	31.3	9	12	10171	7.76	8	10	23	1	7	2	2	78	2	.20	.001	4	4	.01	31	.01	2	.44	.01	.07	1	22540
ZM-1	21	3237	3876	1069	78.1	13	2	304	18.84	62903	5	ND	1	14	7	2734	28	48	.02	.071	10	24	.01	35	.01	2	.39	.01	.09	1	3435
H-5	19	494	264	116	6.1	26	13	147	8.64	4364	5	ND	1	3	1	60	2	12	.08	.031	2	32	.88	6	.02	3	.98	.01	.34	1	315
NP-7	35	489	6634	20461	14.1	54	21	531	6.15	16654	5	ND	3	9	270	3793	2	161	.44	.147	11	45	.21	25	.01	6	.52	.01	.16	1	235
CR-88-2	1	167	94	142	.1	12	25	644	5.53	40	5	ND	1	125	1	2	2	85	1.86	.207	4	18	1.25	83	.22	5	2.23	.13	.08	1	1
CR-88-3	1	84	25	60	.1	5	13	626	4.70	18	5	ND	1	137	1	2	2	79	1.76	.371	2	13	1.26	55	.19	2	2.79	.16	.06	1	2
CR-88-8	8	25631	19	191	2.8	2	12	3649	3.32	6	5	ND	5	6	2	2	12	8	.23	.116	20	2	.06	60	.01	5	.73	.01	.41	3	215
CR-88-9A	12	59559	12	465	1.0	4	12	6267	2.19	3	5	ND	3	4	3	2	17	5	.20	.080	14	1	.03	63	.01	2	.55	.01	.34	2	98
CR-88-10	3	123	41	255	.9	2	2	477	2.93	4	5	ND	2	10	1	2	2	5	.29	.080	10	4	.09	123	.01	2	.46	.01	.29	1	81
CR-88-11	13	177	134	662	1.1	3	2	104	3.60	21	5	ND	2	9	1	4	2	7	.04	.073	8	1	.05	133	.01	2	.45	.01	.27	1	305
CR-101	1	270	79	195	.6	8	11	2637	3.91	2	5	ND	3	99	1	2	2	40	2.87	.120	16	10	.64	341	.01	2	.66	.01	.25	1	3
CR-102	4	22	24	128	.1	8	9	897	1.78	4	5	ND	2	89	2	2	2	6	.69	.028	7	24	.11	655	.01	3	.45	.01	.14	1	1
CR-104	1	4511	271	409	51.0	3	4	473	11.49	31	5	2	2	3	1	4	105	10	.01	.054	4	5	.01	88	.01	2	.35	.01	.22	1	1315
CR-105	2	781	230	653	.4	3	9	3453	7.18	2	5	ND	2	24	1	2	2	13	.17	.087	13	9	.07	692	.01	2	.46	.01	.31	1	10
CR-106	1	1197	43	157	.4	5	9	2079	2.33	2	5	ND	3	22	2	2	2	7	.35	.103	20	2	.14	294	.01	3	.81	.02	.29	1	1
CR-107	1	8016	80	321	11.9	3	17	3806	12.79	68	5	ND	2	13	1	12	101	13	.05	.062	8	3	.04	66	.01	2	.41	.01	.30	1	285
CR-108	8	3274	49	222	9.4	5	20	1843	11.72	130	5	ND	1	5	1	2	18	7	.01	.032	2	18	.02	31	.01	2	.25	.01	.18	3	335
CR-109	42	3573	79	125	12.3	5	6	1432	5.89	12	5	ND	2	3	1	2	24	3	.01	.016	2	4	.01	72	.01	2	.16	.01	.12	1	205
CR-111	1	116	8	100	.3	9	17	1502	5.36	3	5	ND	1	380	1	2	2	62	4.33	.165	11	13	.01	129	.01	2	1.28	.02	.17	1	2
CR-112	2	40	14	73	.1	5	4	1121	1.91	3	5	ND	3	119	1	2	2	5	1.12	.068	11	6	.10	60	.01	2	.29	.02	.11	1	1
CR-113	1	10	28	284	.1	2	10	4861	3.63	2	5	ND	1	488	2	2	2	29	8.62	.066	11	6	2.84	652	.01	2	.28	.02	.19	1	1
CR-88-114	1	56	1651	3125	.4	13	7	5753	2.86	3	5	ND	2	41	16	2	2	12	.55	.107	9	5	.06	1049	.01	5	.40	.01	.28	1	7
CR-88-115	3	78	1061	8949	1.5	4	4	3661	1.72	3	5	ND	1	428	39	2	2	3	4.26	.025	4	21	.07	155	.01	4	.11	.01	.07	1	14
CR-88-116	1	1302	633	1482	4.8	2	7	2979	4.67	10	5	5	3	29	9	13	2	17	.52	.099	17	4	.08	587	.01	10	.55	.01	.32	1	10275
CR-88-117	1	15	1691	3213	1.3	2	10	4001	5.59	7	5	ND	3	51	12	2	2	32	.61	.217	21	5	.06	467	.03	9	.62	.01	.44	1	20
CR-88-118	1	12	807	731	.1	1	6	5926	4.06	2	5	ND	3	54	3	2	2	40	1.28	.199	23	3	.08	215	.03	4	.58	.01	.43	1	1
CR-88-119	2	7	11734	3776	4.5	3	7	4193	3.00	6	5	ND	2	78	16	2	2	18	.95	.109	11	11	.05	887	.01	4	.56	.01	.34	1	12
CR-88-120	1	16	282	484	.8	3	6	4462	2.33	7	5	ND	3	26	3	2	2	32	.80	.102	22	3	.02	633	.01	5	.44	.01	.32	1	47
CR-88-121	3	13	81	128	.1	9	19	835	3.21	2	5	ND	1	46	1	2	2	72	.61	.053	2	32	.90	30	.01	2	1.36	.01	.02	1	1
STD C/AU-1	17	58	42	132	7.2	67	29	1652	3.96	37	18	7	36	47	17	18	19	58	.47	.094	38	55	.88	175	.07	32	1.94	.06	.14	12	525

OFF PROPERTY

CLARA '88

OFF PROPERTY

ASSAY REQUIRED FOR CORRECT RESULT



CLARA 1 - 5619(10)

CLARA 2 - 5620(10)

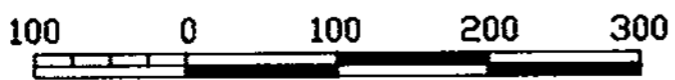
CLARA 3 - 5621(10)

L.C.P.

**LEGEND**

- CONTOUR INTERVAL: 500 FEET
- TREE LINE
- ⊗ SILT SAMPLE
- × ROCK GEOCHEM SAMPLE

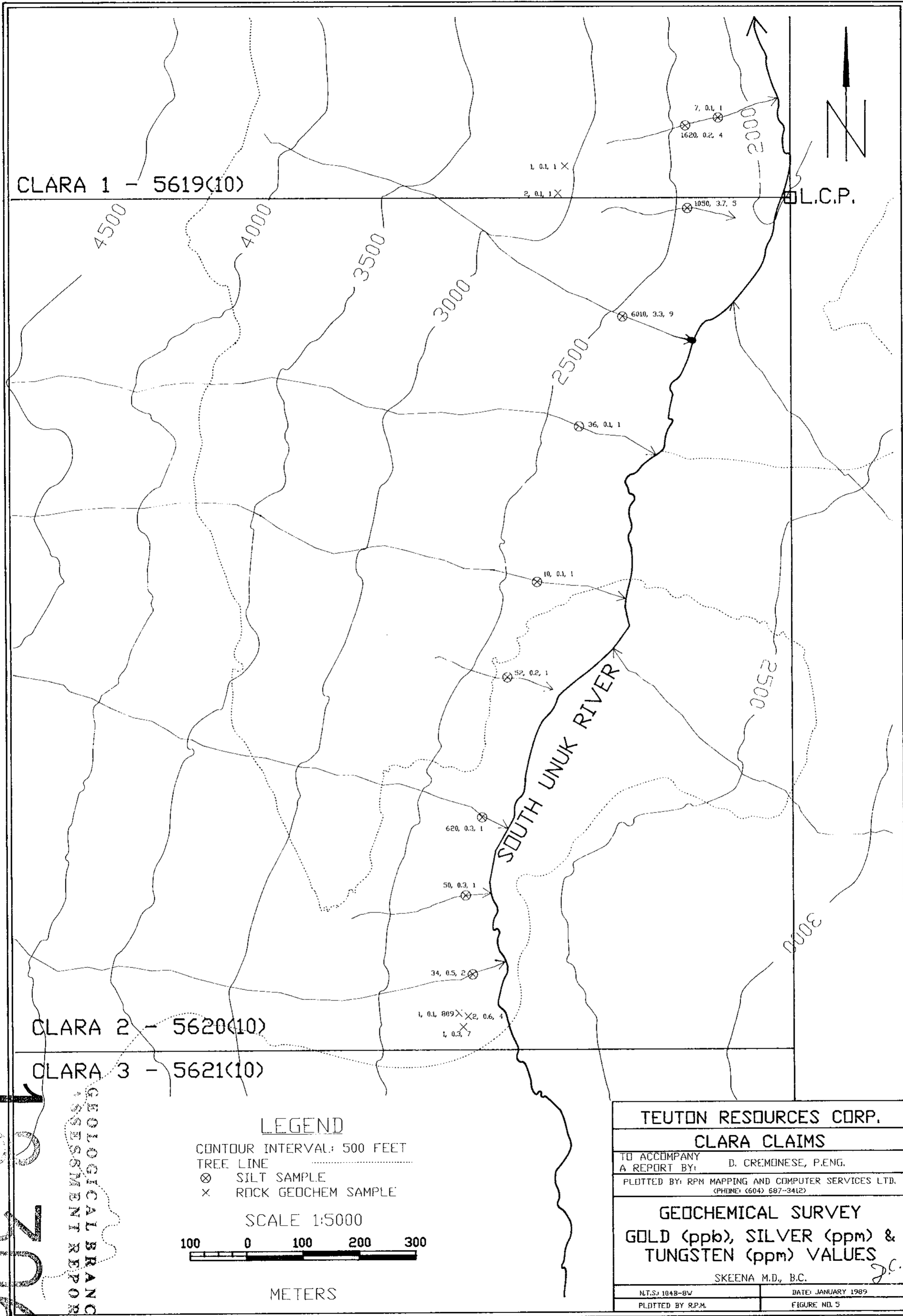
SCALE 1:5000



METERS

<b>TEUTON RESOURCES CORP.</b>	
<b>CLARA CLAIMS</b>	
TO ACCOMPANY A REPORT BY: D. CREMONESE, P.ENG.	
PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD. (PHONE: (604) 687-3412)	
<b>GEOCHEMICAL SURVEY SAMPLE LOCATION MAP</b>	
SKEENA M.D., B.C. <i>D.C.</i>	
N.T.S. 104B-8V	DATE: JANUARY 1989
PLOTTED BY R.P.M.	FIGURE NO. 4

18,306  
 GEOLOGICAL BRANCH  
 ASSESSMENT REPORT



CLARA 1 - 5619(10)

CLARA 2 - 5620(10)

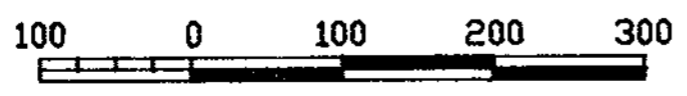
CLARA 3 - 5621(10)

L.C.P.

**LEGEND**

- CONTOUR INTERVAL: 500 FEET
- TREE LINE
- ⊗ SILT SAMPLE
- × ROCK GEOCHEM SAMPLE

SCALE 1:5000



METERS

**TEUTON RESOURCES CORP.**  
**CLARA CLAIMS**

TO ACCOMPANY  
A REPORT BY: D. CREMONESE, P.ENG.

PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.  
(PHONE) (604) 687-3412

**GEOCHEMICAL SURVEY**  
**GOLD (ppb), SILVER (ppm) &**  
**TUNGSTEN (ppm) VALUES**

SKEENA M.D., B.C.

N.T.S. 1048-BW  
PLOTTED BY R.P.M.

DATE: JANUARY 1989  
FIGURE NO. 5

10,700  
 GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

CLARA 1 - 5619(10)

CLARA 2 - 5620(10)

CLARA 3 - 5621(10)

L.C.P.

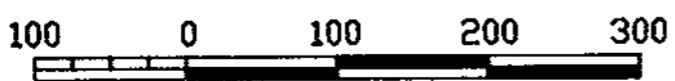


SOUTH UNUK RIVER

LEGEND

- CONTOUR INTERVAL: 500 FEET
- TREE LINE
- ⊙ SILT SAMPLE
- × ROCK GEOCHEM SAMPLE

SCALE 1:5000



METERS

TEUTON RESOURCES CORP.

CLARA CLAIMS

TO ACCOMPANY A REPORT BY: D. GREYNESE, P.E.N.G.

PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD. (PHONE: (604) 687-3412)

GEOCHEMICAL SURVEY  
COPPER (ppm), LEAD (ppm) &  
ZINC (ppm) VALUES

SKEENA M.D., B.C.

N.T.S. 1048-BV

DATE: JANUARY 1989

PLOTTED BY: K.P.M.

FIGURE NO. 6

8306

CLARA CLAIMS