

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.04.28

ASSESSMENT REPORT 17635

MINING DIVISION: Skeena

PROPERTY: Gold Boulder
LOCATION: LAT 56 20 11 LONG 130 41 52
UTM 09 6244600 395036
NTS 104B07E

CLAIM(S): Gold Boulder 1-2

OPERATOR(S): Foerster, J.V.

AUTHOR(S): Cremonese, D.M.

REPORT YEAR: 1988, 12 Pages

COMMODITIES

SEARCHED FOR: Gold, Lead, Zinc, Copper

GEOLOGICAL

SUMMARY: The property lies astride or is in close proximity to the contact between granodiorites of the Upper Cretaceous Coast Plutonic Complex and volcanics/sediments of Upper Triassic age. An old showing called the "Boulder Creek" prospect is reported to occur on the claims. It apparently hosts contact-related lead, zinc, gold and copper mineralization. No evidence of such showing was found.

WORK

DONE: Geochemical

SILT 5 sample(s) ;ME

Map(s) - 1; Scale(s) - 1:5000

FILE: 104B 102

LOG NO. 0803	RD.
ACTION:	
FILE NO:	

ASSESSMENT REPORT
ON
GEOCHEMICAL WORK
ON THE FOLLOWING CLAIMS

GOLD BOULDER 1 6110(4)
GOLD BOULDER 2 6111(4)

located

65 KM NORTHWEST OF
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION

56 degrees 23 minutes latitude
130 degrees 02 minutes longitude

N.T.S. 104B/8E

PROJECT PERIOD: Sept. 4-11, 1987

ON BEHALF OF
CHRIS PEPPERDINE
VANCOUVER, B.C.

FILMED

REPORT BY

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

Date: July 25, 1988

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,635

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Fig. 2	Claims Map	Report Body
Fig. 3	Regional Geology	Report Body
Fig. 4	1987 Stream Sediment Survey (Sample Locations & Au,Ag,Cu,Pb,Zn Values)	Map Pocket

1. INTRODUCTION

A. Property, Location, Access and Physiography

The property is located about 65 km northwest of Stewart, British Columbia. Present access is by helicopter from the air strip at the terminus of the Granduc mining road, located about 40 km east of the property.

The two claims comprising the property cover the lower slopes of Boulder Creek, a small stream which drains west and then north into the Unuk River. Elevations vary from 100 m in the northwest corner of the property to 1100 m in the southeast corner. Both southern and northern slopes of Boulder Creek feature a thick forest cover. Topography is steep to precipitous in most places.

Because of the relatively low-lying elevations, climate is not as severe as in other sections of the Stewart area. Frequent spells of inclement weather and reliance on helicopter transport make this a high cost area to explore for minerals.

B. Status of Property

Relevant claim information is summarized below:

Claim Name	Record No.	No. of Units
Gold Boulder 1	6110(4)	10
Gold Boulder 2	6111(4)	10

Claim locations are shown on Map 2 after government N.T.S. map 104B/7E. The claims are registered in the name of C. Pepperdine of Vancouver, British Columbia.

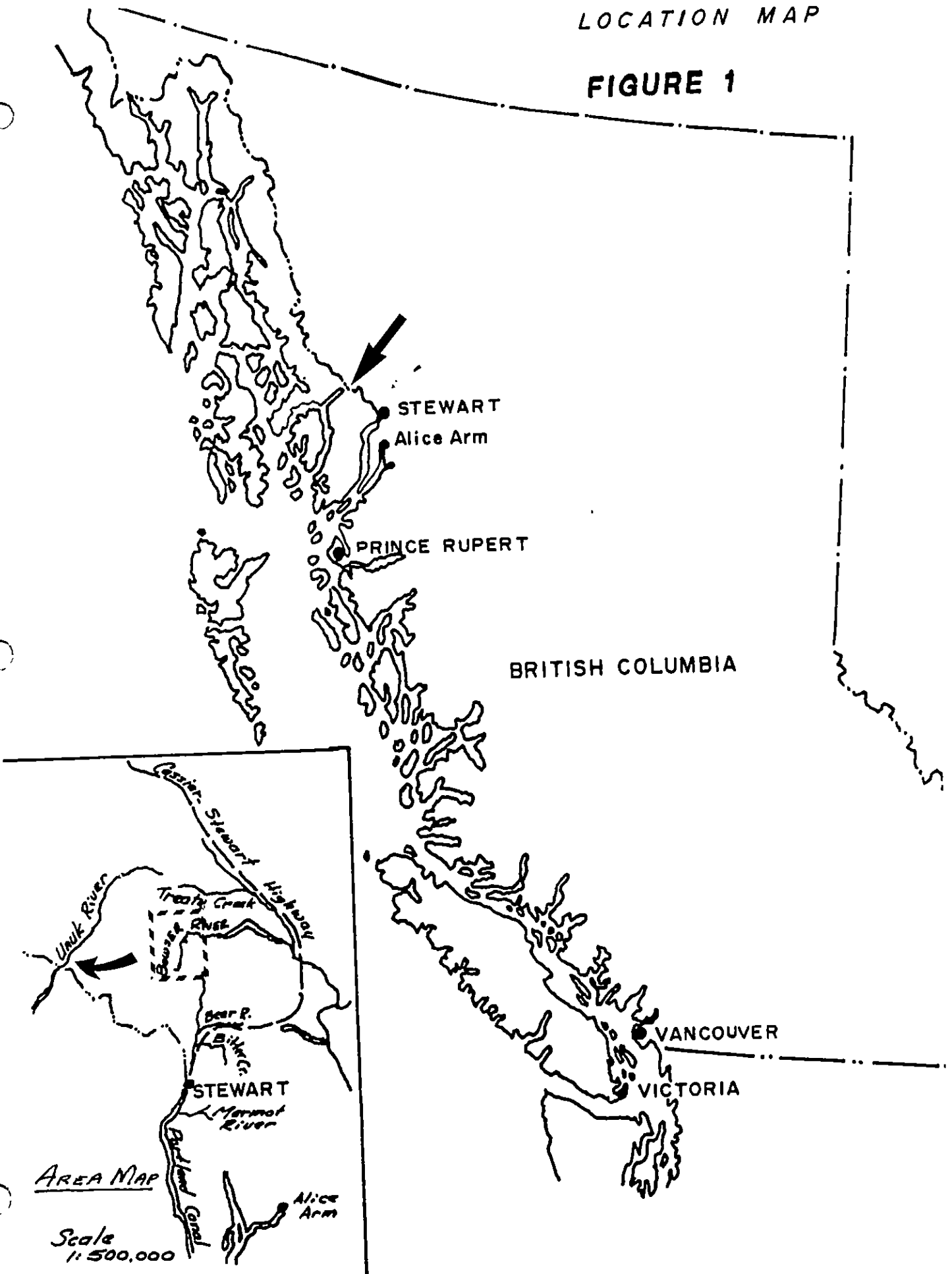
C. History

A Mineral Deposit map of the Stewart area published in Bulletin 63, "Geology and Mineral Deposits of the Unuk River, Salmon River and Anyox Area" indicates two old showings on the property, located south of Boulder Creek. These are termed the "Boulder Creek" and the "Gold Run" showings; the former is credited as a Pb, Zn, Au, Cu prospect and the latter as an Au prospect. Descriptions of these showings elsewhere in the reference literature suggest they lie in close proximity to the contact between the Coast Range Batholith and an overlying volcanic/sedimentary sequence.

Yet based on familiarity with other reference material on the Unuk River/Stewart area, the author believes that the location of these showings on the Bulletin 63 map is in error. The "Boulder Creek" showing is likely in the northwest portion of

LOCATION MAP

FIGURE 1



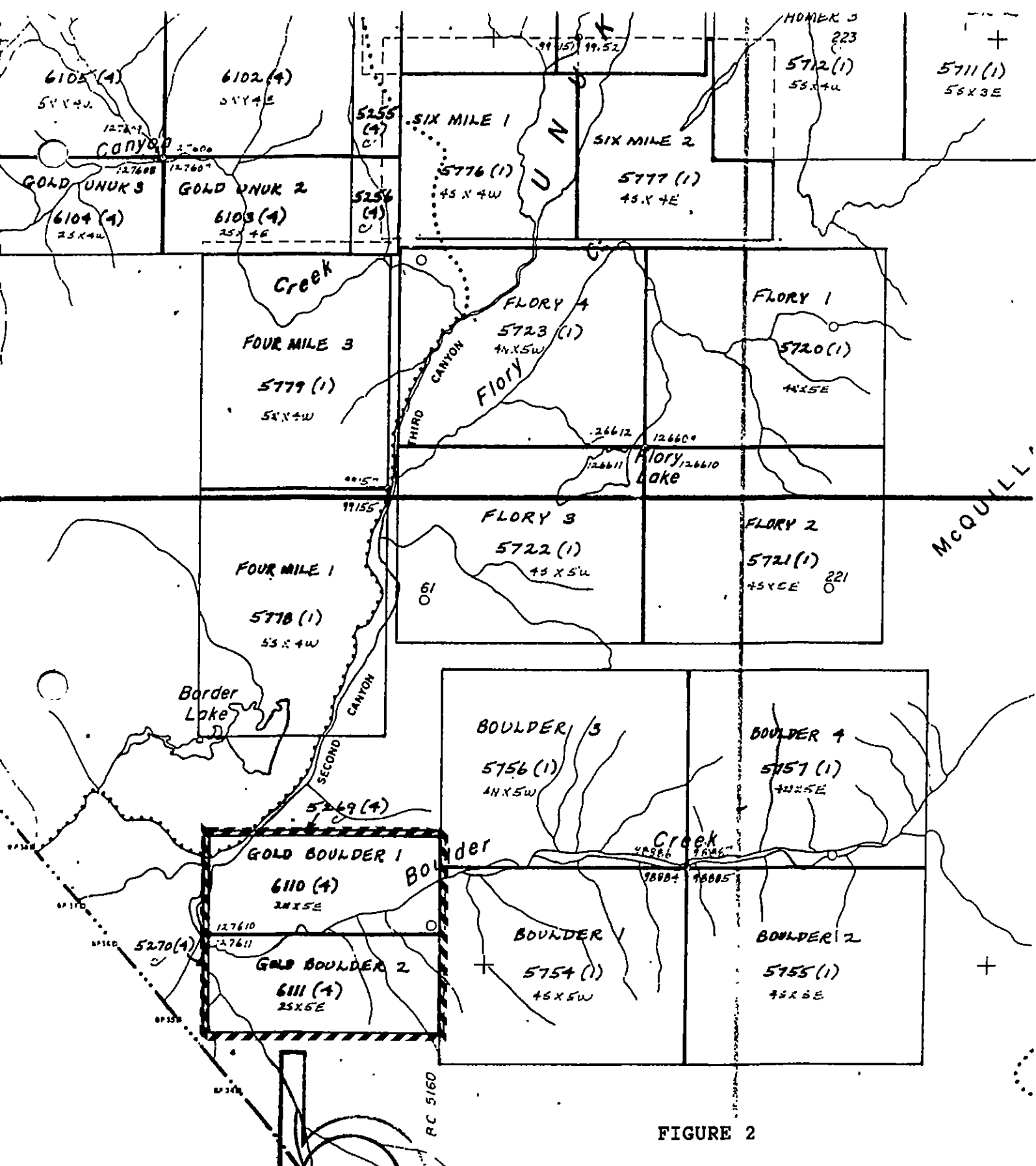
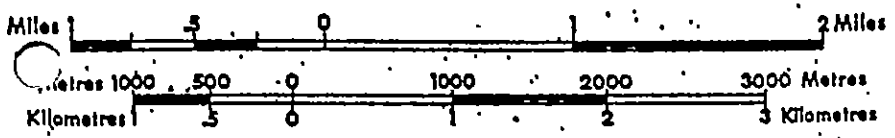


FIGURE 2

CLAIMS MAP

NTS 104B/7E
 Skeena Mining Division
 Scale: 1 to 50,000



ABIA
 U.S.A. CANADA

Creek

the Gold Boulder 1 claim (as suggested by claim maps from the mid-1960's). The "Gold Run" showing is probably not on the property at all, and is more likely a few kilometers to the north.

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

E. Summary of Work Done.

The silt geochemical survey conducted over the claims area was undertaken by prospectors Johann Foerster and John Bot. Work crew was mobilized from the Granduc air strip by helicopter to the property on Sept. 6, 1987, returning by the same method to the strip on Sept. 9, 1987.

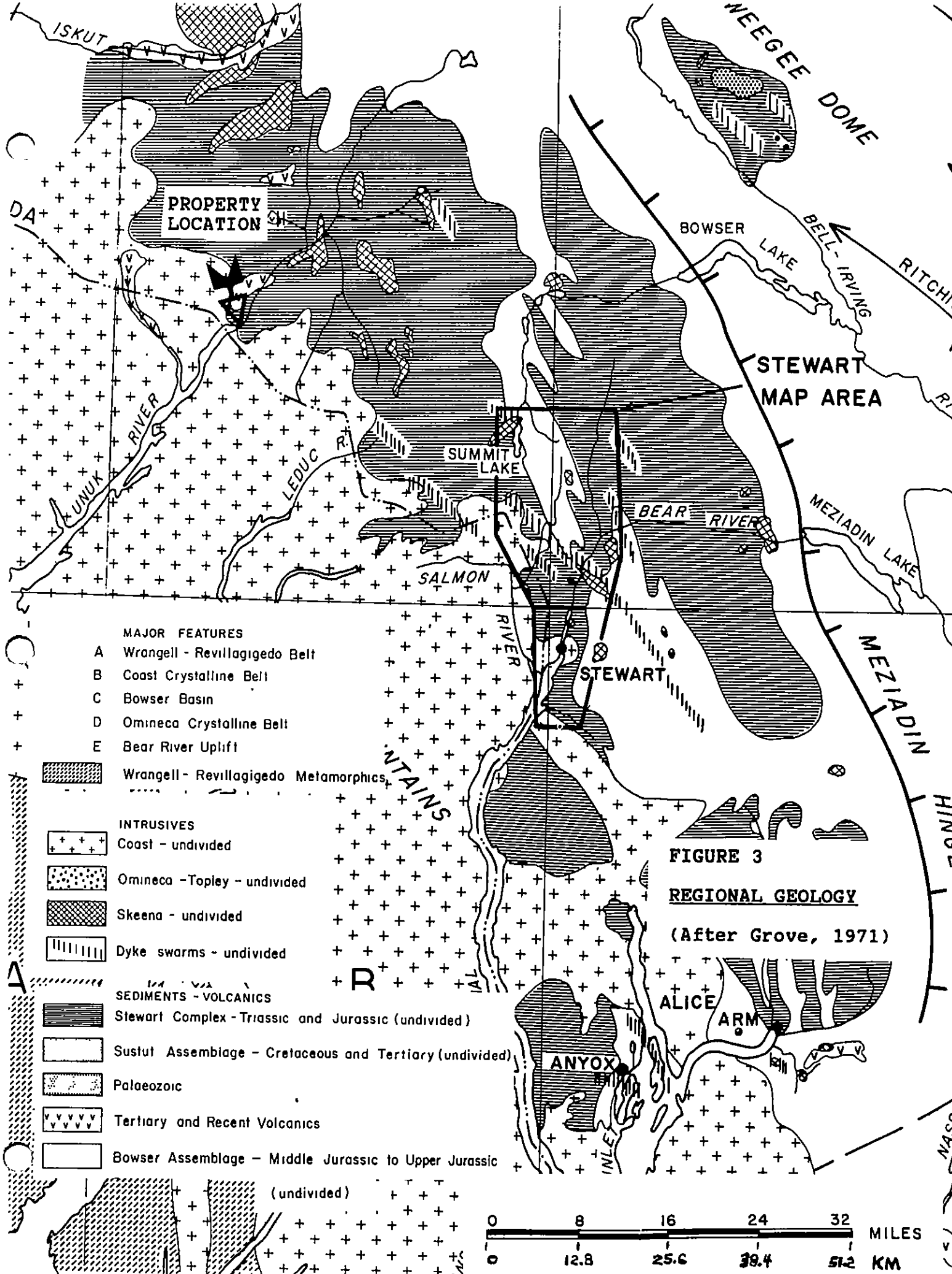
Although it was originally the crew's intention to sample all tributary streams in the Boulder Creek drainage, unexpectedly steep topography and a severe storm cut the sampling program to only five streams.

Silt sediment samples were analysed by ICP for 30 elements and also by conventional Atomic Absorption methods for gold content at the Acme Analytical Labs facility on East Hastings Street, Vancouver.

2. TECHNICAL DATA AND INTERPRETATION

A. Geology

According to Grove (Ref. 4), the claims area is underlain primarily by Upper Triassic rocks consisting of siltstone, sandstone, and conglomerate. Granodiorite of the Coast Plutonic Complex intrudes these rocks to the west and south. Grove has also mapped Middle Jurassic granodiorite stocks and dykes a few kilometers east of the claims area.



Property location relative to general geological features of the Stewart Complex is outlined in Fig. 3 after Grove (Ref. 3.)

B. Geochemistry

a. Introduction

The object of the 1987 stream sediment sampling program was to isolate gold-silver anomalies along that portion of the drainage of Boulder Creek controlled by the Gold Boulder claims. It was hoped that such survey would also assist in locating the "Boulder Creek" prospect reported in the literature.

Unfortunately, severe weather and unexpectedly steep topography on the north side of Boulder Creek resulted in only five streams being sampled. These streams were situated along the southern slope of Boulder Creek.

Sample locations are marked as 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), copper (ppm), lead (ppm) and zinc (ppm) values are also shown on Fig. 4.

b. Treatment of data

The sample set is considered too small to apply standard statistical methods for determining threshold and anomalous levels. Instead, the author has adopted an empirical approach based on reference to several other silt geochemical surveys conducted in the region in the last ten years (results of the 1978 B.C. government silt geochemical survey over the large region mostly south and east of Stewart, and underlain by similar geology to that in the study area, have also been referred to). By this somewhat "rule-of-thumb" basis, samples are considered anomalous above the values indicated below:

<u>Element</u>	<u>Anomalous Above</u>
Gold	50 ppb
Silver	1.2 ppm
Copper	100 ppm
Lead	80 ppm
Zinc	300 ppm

Although several other elements were analysed for by I.C.P., results indicated relatively flat, uninteresting distributions and low values: for this reason, individual values for such elements were not plotted on Fig. 4.

c. Discussion

None of the samples showed anomalous values according to the levels set out in the section above.

C. 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.

After standard sample preparation, analysis proceeded by digesting a .500 gram subsample with 3ml of 3-1-2 HCl-HNO₃-H₂O at 95 degrees Centigrade for one hour, then diluting 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.

D. Conclusions

The 1987 silt geochemical survey over the property did not uncover any interesting anomalies. However, because difficult topography prevented sampling of streams on the north side of Boulder Creek, further work should be carried out here. Either a crew with mountaineering experience should be utilized, or traverses should be made at a much higher elevation (thus circumventing the steep, canyon walls).

Respectfully submitted,



D. Cremonese, P.Eng.

APPENDIX I -- WORK COST STATEMENT

Field Personnel:

J. (Hans) Foerster, Prospector	
Field days: Sept. 6, 7, 8	
3 days @ \$200/day	\$ 600
John Bot, Prospector	
Field days: Sept. 6, 7, 8	
3 days @ \$150/day	450
Helicopter -- Vancouver Island Hel. (Stewart Base)	
Mob/demob crew drop-offs/pick-ups	
1.9 hrs. @ \$571.50	1086
Food -- 6 man-days @ \$25/man-day	150
Accommodation/mob-demob/supplies/misc.	650
Assays -- Acme Analytical	
Geochem Au, I.C.P. and silt sample preparation	
5 @ \$11	55
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 1 days @ \$300/day	300
Draughting -- F. Chong	45
Word Processor - 2 hrs. @ \$25/hr.	50
Copies, report, jackets, maps, etc.	<u>40</u>
TOTAL.....	<u>\$ 3,426</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 Gold Boulder 1 and 2 mineral claims, Skeena Mining Division in September, 1987. Reference to field notes made by Hans Foerster is acknowledged. I have full confidence in the abilities of all samplers used in the 1987 geochemical program and am satisfied that all samples were taken properly and with care.

Dated at Vancouver, B.C. this 25th day of July, 1988.



D. Cremonese, P.Eng.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .300 GRAM SAMPLE IS DIGESTED WITH 3ML 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 MN 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-SILT P2-ROCK AU8 ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 16 1987

P-20 mech, Pulverized
 DATE REPORT MAILED: *Oct. 26/87*

ASSAYER: *D. Toy* ... DEAN TOYE, CERTIFIED B.C. ASSAYER

TEUTON RESOURCES File # 87-5009 Page 1

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	AU8
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
5-9-87 #1 P	2	74	13	100	.5	56	24	876	2.93	2	5	ND	3	110	1	2	2	49	1.88	.049	6	40	1.76	54	.10	3	2.46	.06	.11	1	1
6-9-87 #2 P	1	56	15	40	.2	25	14	515	5.81	2	5	ND	3	30	1	2	4	97	.97	.089	7	39	1.76	111	.16	9	1.82	.10	.25	1	1
5-9-87 #3	7	60	23	77	.7	16	14	403	4.88	5	6	ND	22	31	1	2	5	158	.44	.080	10	40	54	81	.07	2	84	.04	.17	2	320
6-9-87 #1	2	11	7	73	.2	6	6	643	1.28	2	5	ND	1	51	1	2	3	19	.61	.053	15	13	.21	117	.12	4	.94	.05	.04	1	1
6-9-87 #2	6	25	12	130	.3	21	15	2516	3.27	2	5	ND	2	30	1	2	2	47	.48	.054	17	21	.47	125	.11	3	2.10	.03	.05	1	4
6-9-87 #3	5	58	30	108	.6	16	16	2004	3.18	2	6	ND	2	74	1	2	2	57	1.20	.061	16	19	.43	150	.16	9	2.19	.04	.08	1	2
7-9-87 #1	5	31	17	76	.3	9	20	897	3.52	3	5	ND	1	28	1	2	2	56	.47	.049	22	22	.36	96	.21	4	2.28	.03	.07	1	1
7-9-87 #2	1	20	2	30	.1	4	5	227	2.70	2	5	ND	6	52	1	2	2	54	.71	.067	8	9	.34	71	.07	12	.74	.05	.07	1	1
STD C/AU-S	19	57	41	131	7.3	67	28	1032	4.01	43	14	8	38	50	18	18	20	56	.49	.086	38	60	.90	182	.06	37	1.78	.06	.13	12	51

OFF PROPERTY

TO UNUK RIVER

GOLD BOULDER 1
2N x 5E

GOLD BOULDER 2
2S x 5E

LCP 6110
6111

152m

BOULDER

CREEK

6-9-87 #1
1, 2, 11, 7, 73

6-9-87 #2
4, 3, 25, 12, 130

6-9-87 #3
2, 6, 50, 30, 108

7-9-87 #1
1, 3, 31, 17, 76

7-9-87 #2
1, 1, 20, 2, 30

610m

457m

305m

305m

457m

610m


762m

LEGEND

- 6-9-87 #1 1, 0, 2, 11, 7, 73
 - 6-9-87 #2 4, 3, 25, 12, 130
 - 6-9-87 #3 2, 6, 50, 30, 108
 - 7-9-87 #1 1, 3, 31, 17, 76
 - 7-9-87 #2 1, 1, 20, 2, 30
- STREAM SEDIMENT SAMPLE LOCATION & NO
Au ppb, Ag, Cu, Pb, Zn ppm

CONTOUR INTERVAL 152.4 m (500')

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,635 

GOLD BOULDER CLAIMS
1987 ASSESSMENT WORK
STREAM SEDIMENT SURVEY

N.T.S. 104B-7E  SKEENA M.D., B.C.

0 100 200 300 METRES

SCALE 1:5000	DATE: JULY 1988
	FIGURE NO.