REPORT ON

GEOLOGICAL MAPPING AND ROCK SAMPLING

ON THE

FRS 12 PROPERTY
(FRS 12 Claim)

VICTORIA MINING DIVISION, BRITISH COLUMBIA
NTS 92B/12
48°30'34" N, 125°50'21" W

BEAU PRE EXPLORATIONS LIMITED

GORDON J. ALLEN, P.GEOL.

Victoria, B.C.

May 2

ARIS SUMMARY SHEET

District Geologist, Victoria Off Confidential: 90.04.12

ASSESSMENT REPORT 18827 MINING DIVISION: Victoria

PROPERTY: FRS
LOCATION: LAT 48 30 34 LONG 123 50 21
UTM 10 5373046 438019
NTS 092B12W

CAMP: 022 Leech River Gold Belt

CLAIM(S): FRS 12
OPERATOR(S): Beau Pre Ex. Valentine Gold
AUTHOR(S): Allen, G.J.
REPORT YEAR: 1989, 43 Pages
COMMODITIES
SEARCHED FOR: Gold
KEYWORDS: Eocene,Cretaceous,Leach River Complex,Metchosin Formation
Amphibolites,Argillites,Tuffs,Biotite schists
WORK
DONE: Geological,Geochemical
GEOL 350.0 ha
Map(s) - 1; Scale(s) - 1:5000
ROCK 12 sample(s) ;AU,ME
RELATED
REPORTS: 14640

REPORT ON

GEOLOGICAL MAPPING AND ROCK SAMPLING

ON THE

FRS 12 PROPERTY
(FRS 12 Claim)

VICTORIA MINING DIVISION, BRITISH COLUMBIA
NTS 92B/12
48°30'34" N, ~~125~~ 123°50'21" W

BEAU PRE EXPLORATIONS LIMITED

GORDON J. ALLEN, P.GEOL.

Victoria, B.C.

May 26th, 1989

SUMMARY

This Phase II work program on the FRS 12 property was conducted by Beau Pre Explorations Ltd. and Valentine Gold Corporation between March 7 and May 26, 1989. The program consisted of geological mapping and rock sampling.

The property is underlain by volcanic and volcaniclastic rocks of the Eocene Metchosin Formation in the south and metasedimentary and metavolcanic rocks of the Jurassic-Cretaceous(?) Leech River Formation in the north. These two packages of rocks are in contact along the Leech River thrust fault.

Gold and arsenopyrite-bearing quartz vein float occurs in the northwest part of the property. The source of the mineralization was not found.

Zones of orange-weathering quartz-carbonate (magnesite?, ferroan dolomite?) with highly anomalous amounts of arsenic, chromium, nickel, manganese and magnesium occur in Leech River Formation phyllitic argillites adjacent to the Leech River fault. A conductor (Zone G) was outlined in this area by the 1987 Dighem airborne geophysical survey. It is possible that the quartz-carbonate zones are related to a conductive shear zone splaying off of the Leech River fault. These occurrences are of special interest because arsenic is typically related to gold mineralization in this region.

A Phase III exploration program of soil sampling geological mapping and rock sampling is recommended. The estimated cost of this program is $11,500.00.

FRS 12 PROPERTY

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APPENDICES

LIST OF ILLUSTRATIONS

1.0 INTRODUCTION

The 1989 Phase II exploration program on the FRS 12 Property (FRS 12 claim) consisted of geological mapping and rock sampling. Work was focused on areas with geochemical and/or geophysical anomalies outlined in previous surveys. Fieldwork was conducted between April 5 and April 8, 1989.

2.0 PROPERTY LOCATION, ACCESS, TITLE

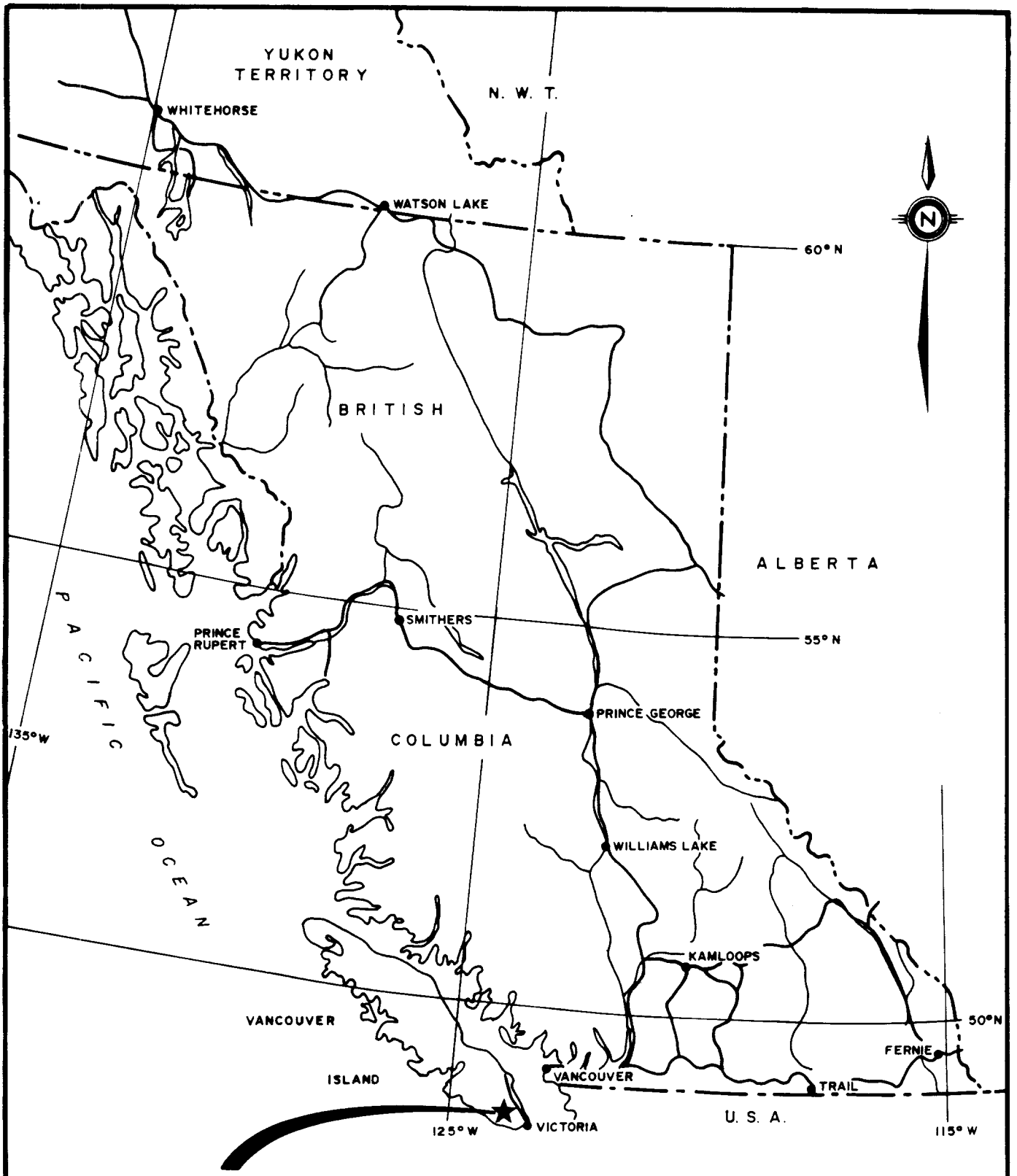
The FRS 12 Property is located in the Bear Creek Reservoir area approximately 19 km northwest of the town of Sooke, on Vancouver Island, British Columbia. The property is in the Victoria Mining Division, on NTS sheet 92B/12. The legal corner post is located at approximately 48°30'34"N and 125°50'21"W (Figures 1 and 2).

Access to the property is via the Butler Main logging road which intersects with highway 14 approximately 4 km west of Sooke.

The FRS 12 Property consists of one mineral claim totalling 14 units as shown below.

CLAIM	RECORD NUMBER	UNITS	ANNIVERSARY DATE	YEAR REGISTERED
FRS 12	1482	14	April 15, 1990	1985

Beau Pre Explorations Limited is the registered owner of the claim, but Valentine Gold Corporation has earned a 50% interest in the property by virtue of an option agreement dated November 15, 1986.

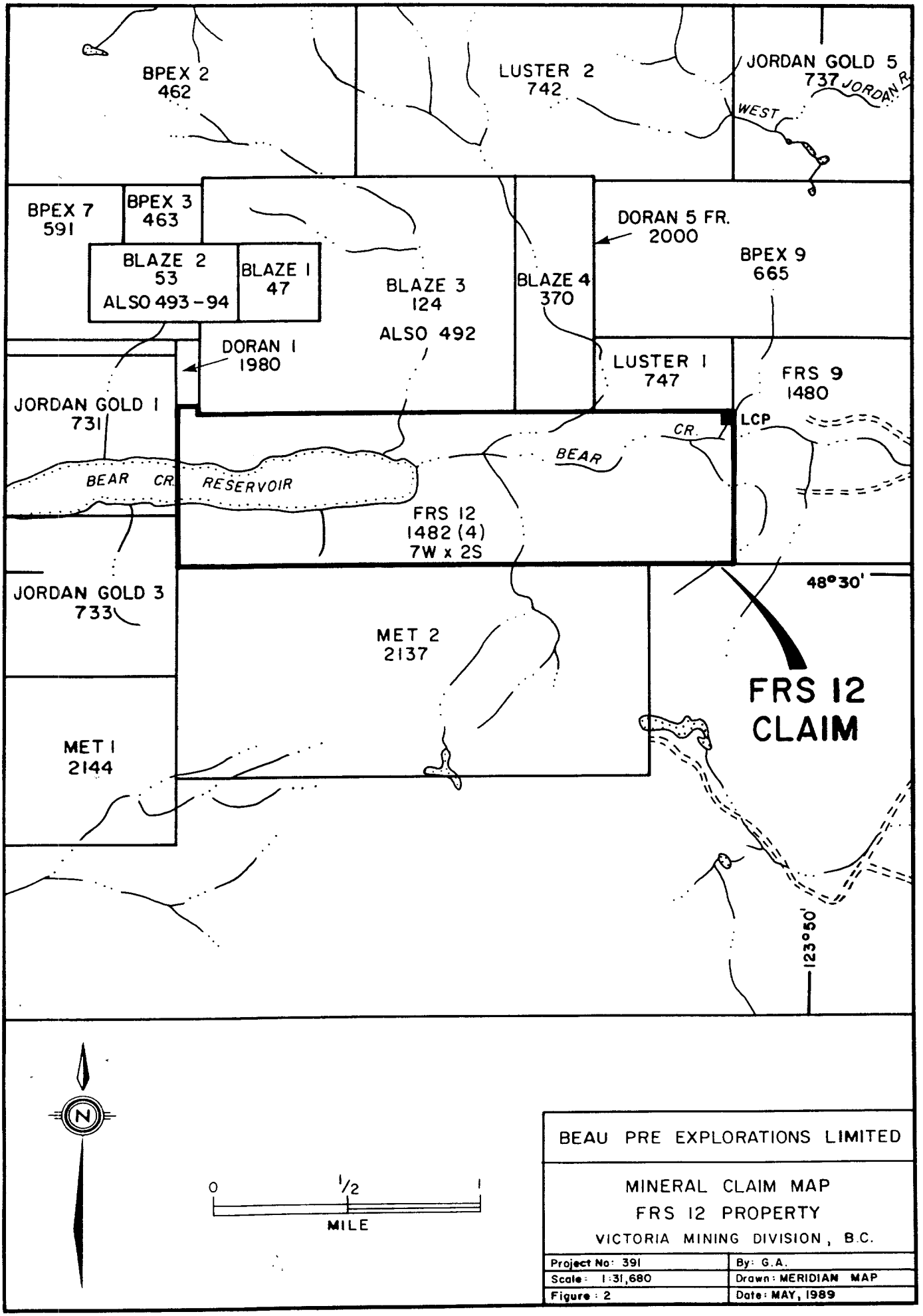


FRS 12 PROPERTY

BEAU PRE EXPLORATIONS LIMITED

GENERAL LOCATION MAP
FRS 12 PROPERTY
VICTORIA MINING DIVISION, B.C.

Project No: 391	By: G.A.
Scale: 1 : 8 000 000	Drawn: MERIDIAN MAP
Figure: 1	Date: MAY, 1989



BEAU PRE EXPLORATIONS LIMITED

MINERAL CLAIM MAP
FRS 12 PROPERTY
VICTORIA MINING DIVISION, B.C.

Project No: 391	By: G.A.
Scale: 1:31,680	Drawn: MERIDIAN MAP
Figure: 2	Date: MAY, 1989

3.0 PREVIOUS WORK

Regional geological mapping was conducted in the area by Muller (1977).

An airborne magnetic and VLF-EM survey was conducted over what is now the FRS 12 Property by Western Geophysical Data Ltd. (Pezzot and White, 1984). A magnetic low appears to outline the Leech River fault which trends across the FRS 12 Property. No significant conductors were noted in this area.

The Lithoprobe seismic reflection project on Vancouver Island included the FRS 12 Property in its study area. The program was designed to study deep structure of the continental lithosphere. Field data for this project were collected in 1984.

A program (Phase I) of rock and heavy mineral concentrate from stream sediment sampling was conducted by Valentine Gold Corporation in 1987. Results of this survey are relatively uninteresting except for one heavy mineral concentrate sample (87-10-HM; 1350 ppb Au) collected from a creek in the northwest part of the property.

An airborne geophysical survey conducted in 1987 by Dighem Surveys and Processing Inc. on behalf of Valentine Gold Corporation included coverage of part of the FRS 12 Property. A pronounced east-west trending conductor (Zone G) with a corresponding resistivity low was considered significant.

4.0 REGIONAL GEOLOGY

In the FRS 12 Property area two distinct geologic terranes are in contact along the east-west trending Leech River Fault.

To the north of the fault are interbedded Jurassic-Cretaceous(?) metasediments and basaltic pyroclastics and flows of the Leech River Formation. These rocks have been deformed into generally east-west trending gently easterly-plunging tight (isoclinal?) folds. Regional low-pressure greenschist to amphibolite facies metamorphism is thought to have ended 39-41 Ma (Fairchild and Cowan, 1982). Synmetamorphic (K-Ar data) felsic (generally quartz diorite) sills and dykes occur throughout the Leech River Formation.

The Leech River complex appears to be an allochthonous terrane emplaced along the San Juan and Survey Mountain faults which bound the block to the north. The Survey Mountain fault was imaged by Lithoprobe (Clowes et al, 1987). It is a 35-45° northeast dipping thrust fault which extends to a depth of approximately 10 km. The San Juan fault is thought to be a similar structure. Metamorphism of the block probably occurred during its emplacement along these faults.

To the south of the Leech River complex are rocks of the Metchosin igneous complex which form part of the Crescent Terrane. This ophiolitic complex is composed of gabbro stocks, sheeted dykes and basaltic volcanics which formed in an emergent island/marine basin environment approximately 50 Ma (Massey, 1986). These rocks are relatively undeformed, dipping approximately 30° to the northeast.

The Metchosin volcanics are in contact with the Leech River complex along the Leech River fault. This structure, according to Lithoprobe data, is a shallow north-dipping (35-45°) thrust fault

similar to the Survey Mountain fault. Emplacement of the Metchosin complex is thought to be post 39-41 Ma.

5.0 ECONOMIC SETTING

Placer gold has been recovered from creeks draining the Leech River Formation along its entire ~50 km length. An estimated 11,400 ounces of gold was taken from the Leech and Sooke Rivers between 1874 and 1945 (Placer Gold Production of British Columbia, Bulletin 28). Placer gold has also been recovered from Loss Creek, San Juan River, Sombrio River and Jordan River.

The now inactive Sunro Mine (Minfile No.; 092C 073) is located approximately 12 km southwest of the FRS 12 property. Metchosin basalt has been intruded by gabbro sills and mineralized with chalcopyrite, pyrrhotite and pyrite along shear zones. Between 1962 and 1978 1,465,009 tons (1,329,034 tonnes) of ore was produced yielding 30,322,976 lb (13,754,271 kg) of copper, 6,522 oz (202,877 g) of gold, and 72,745 oz (2,262,651 g) of silver.

6.0 PROPERTY GEOLOGY

6.1 LITHOLOGY OF THE LEECH RIVER FORMATION

6.1.1 Metasandstone (Unit 1)

Metasandstone is not abundant on the FRS 12 Property. It occurs as horizons a few metres thick intercalated with pelitic sediments. It is generally a medium grey to grey-brown fine-grained thinly laminated arkosic sandstone. The rock ranges from relatively fresh to phyllitic.

6.1.2 Argillite (Unit 2)

This unit is generally thinly laminated to thinly bedded (where bedding is observed), dark grey, fine-grained and fissile. Most commonly it is phyllitic with a blue-grey sheen on foliation surfaces. Fine-grained biotite is commonly developed in thin (<1 mm) bands.

6.1.3 Biotite Schist (Unit 3)

Phyllitic argillite grades into biotite schist (unit 3a) and is similar to unit 2b except that it has ~15-20% fine to medium-grained biotite in bands up to 2 mm thick.

Biotite schist (unit 3a) grades into biotite andalusite schist (unit 3b). Unit 3b has a fine-grained blue-grey phyllitic groundmass with ~20% medium-grained brownish biotite and 10% pinkish anhedral andalusite porphyroblasts up to 1 cm in diameter by 2 cm long. The andalusite crystals are largely altered to quartz and sericite (Grove, 1982) but commonly have retained crude black crosses typical of chiastolite.

6.1.4 Amphibolite (Unit 4)

Amphibolite occurs as a ± 50 m thick horizon within the pelitic sediments. It is dark blue-green weathering, commonly phyllitic, and composed of alternating 0.5 - 2 cm thick beds of dark green fine-grained actinolite(?) and light brownish-green sandy layers. Some dark green beds have up to 5% fine to medium-grained anhedral white particles. The unit may be a basaltic crystal tuff.

6.2 LITHOLOGY OF THE METCHOSIN FORMATION (UNIT 5)

The Metchosin complex is composed of intercalated basaltic pyroclastics and flows(?). The pyroclastic parts are thinly laminated tuffs with alternating, 1 mm to 1 cm beds of dark green chlorite-rich and light brown fine-grained clastic material. Massive medium greenish-grey fine-grained material within the complex are probably basaltic flows. These rocks are commonly phyllitic adjacent to the Leech River fault.

6.3 STRUCTURAL GEOLOGY

Within the FRS 12 property bedding and foliation appear to be parallel and generally east-west striking and north-dipping. At location A6-2 (Figure 3) interbedded sandstone and argillite have possible load casts indicating that tops are to the north. Bedding/ foliation shallows to the north suggesting that the rocks of the Leech River Formation on the property are on the south limb of a syncline. Vergence of minor folds confirm this. These minor structures indicate that folding plunges gently to the east.

The Leech River fault appears to be very narrow (± 10 m) in the property area. Rotation of foliation adjacent to the fault and deformation of quartz veins in the phyllitic argillite indicate a right lateral movement. This sort of movement on the fault

indicates that the Crescent Terrane was rotated counter-clockwise as it was thrust under the Leech River schist.

6.4 METAMORPHISM OF THE LEECH RIVER FORMATION

Rocks of the Leech River Formation grade from relatively unaltered sediments (greenschist facies?) adjacent to the Leech River fault to coarse-grained biotite andalusite schist (amphibolite facies?) to the north within a distance of 600 m. This suggests that a relatively restricted 'hot spot' occurs somewhere to the north of the property. It also indicates that the Leech River fault was probably active after and not related to the metamorphism.

7.0 ROCK GEOCHEMISTRY SURVEY

Twelve rock samples were collected on the property during the program. All samples were analysed for gold plus 29 or 31 elements. One sample was assayed for gold. Sample site locations are shown in Figure 3. Sample descriptions are included in Appendix III.

Several samples of quartz veins and quartz 'sweats' in metasandstone and metapelite were taken. None were significantly anomalous in any element.

One sample of quartz vein float (102781) in the northwest part of the property (Figure 3) contained approximately 5% 1 mm euhedral arsenopyrite crystals and 0.018 oz Au/T (0.617 g Au/t). The vein was a 3 cm wide composite of white and blue-grey quartz typical of the gold-bearing veins occurring on the Valentine property immediately to the north of the FRS property. A heavy mineral concentrate from stream sediment sample (87-10-HM) collected by Valentine Gold Corporation from a creek draining this area contained 1350 ppb gold. These samples suggest that gold-bearing quartz veins occur somewhere on the hillside near to or north of the north boundary of the FRS 12 property.

Two samples of amphibolite (102777 and 102778) with traces of pyrite and/or pyrrhotite contained weakly anomalous amounts of copper.

Three veins or horizons up to 2 m wide of magnesite (or possibly ferroan dolomite) and quartz occur in phyllitic argillite within 200 m of the Leech River fault. They are composed of a bright orange-weathering thinly banded (contorted) aggregate of medium brown-coloured medium-grained carbonate (~70%) and blue-grey quartz (~25%), with minor amounts of a fine-grained blue-green mineral (fuchite?) and 2-5% of a fine-grained disseminated

soft black metallic mineral. Four samples of this material were taken. They all contained anomalous amounts of arsenic, nickel and chromium with sporadically anomalous amounts of manganese and magnesium (up to 12.11%). This material may be related to the Leech River fault. An east-northeast trending conductor (Zone G) outlined by a Dighem airborne geophysical survey occurs in this area.

8.0 DIGHEM AIRBORNE GEOPHYSICAL SURVEY (1987)

An airborne geophysical survey conducted by Dighem Surveys and Processing Inc. covered part of the FRS 12 property. The electromagnetic/resistivity/magnetic/VLF survey was conducted on lines approximately 200 m apart and 'bird' heights of roughly 30-45 m (Smith, 1988).

In the FRS 12 area one prominent conductor labelled 'Zone G' was outlined by the survey. It is an east to east-northeast trending feature approximately 600 m long (open to the east) and is considered by Dighem to be one of the more attractive exploration targets in the area. Due to its proximity to a prominent magnetic low to the south the conductor is thought to be associated with a fault or alteration zone.

Geological mapping in this area shows that condutor 'Zone G' is underlain by argillite and phyllitic argillite of the Leech River Formation. Foliation/bedding in these sedimentary rocks does not parallel the conductor axis. The Leech River fault subparallels 'Zone G' 50-150 m to the south.

The quartz-carbonate zones discussed in section 7.0 occur in the 'Zone G' area. One of these occurrences (102783) - Figure 3) is clearly crosscutting foliation in the host sedimentary rocks and parallels the conductor axis. It is possible that the quartz-carbonate zones are related to a splay shear off of the Leech River fault.

9.0 CONCLUSIONS

This limited exploration program has outlined the general geology of the property and it appears that it has potential for at least four types of mineralization:

1) Gold-arsenopyrite-bearing quartz veins hosted in metasediments of the Leech River Formation as found on the Valentine Group of claims immediately to the north.
2) Gold in amphibolite
3) Gold in quartz-carbonate alteration zones related to faulting.
4) Shear-related gold-copper deposits in the Metchosin Igneous Complex.

Heavy mineral concentrate from stream sediment sampling conducted by Valentine Gold Corporation outlined only one drainage with potential for 'type 1' mineralization in the Leech River Formation metasediments on the property. Gold and arsenopyrite-bearing quartz vein float was found in the drainage but it is probable that its source is from north of the property.

Sampling of the limited exposure of amphibolite on the property has given little encouragement to date. More mapping and sampling is required, however, to properly assess the unit.

The quartz-carbonate zones in the eastern part of the property are possibly related to a conductive shear zone. These rocks have highly anomalous amounts of arsenic which is typically associated with gold mineralization in the region. This type of nickel-chromium-bearing quartz-carbonate hosts gold mineralization on the Yellow-Debbie Sicker property near Port Alberni.

Mineral potential of the Metchosin Formation on the property is virtually unassessed.

10.0 RECOMMENDATIONS

10.1 PROPOSED PHASE III EXPLORATION PROGRAM

1) The quartz-carbonate zones are the most interesting targets on the property. A small soil geochemistry survey to cover conductor 'Zone G' and the quartz-carbonate showings is warranted.

2) Detailed geological mapping and rock sampling in the quartz-carbonate showings area is needed.

3) Mapping, prospecting and rock sampling should be conducted in the Metchosin Formation volcanics.

4) A few lines of soil samples between the Bear Creek Reservoir and West Main are warranted to better assess the area with gold and arsenopyrite-bearing quartz vein float.

10.2 PROPOSED PHASE III BUDGET

FIELDWORK

Personnel	No.	Days	Rate	Cost	
Project Manager	1	7	250	1,750	
Field Assistants	2	3	100	600	
Total Personnel Cost				2,350	2,350
Accommodation					
13 mandays @ 60					780
Equipment Rental:	No.	Days	Rate	Cost	
Truck	1	7	25	175	
Radio	1		50/mo	50	
Total Equipment Rental				225	225

Disbursements:

Analyses	No.	Rate	Cost			
Rock	50	20	1,000			
Soil	150	18	2,700			
			3,700	3,700		
Maps				100		
Exploration Supplies				100		
Gas				100		
Miscellaneous				200		
Disbursements Subtotal				4,200		
Administration (15%)				630		
Disbursements Total				4,830	4,830	
Fieldwork Subtotal					8,185	
Contingency (15%)					1,228	
Fieldwork Total					9,413	$ 9,413
REPORT						
Estimated Report Cost						2,000
Estimated Total Project Cost						$11,413
Or approximately						$11,500

10.3 PROPOSED PHASE 111 SCHEDULE

	Week			
Activity	1	2	3	4
Mapping & Prospecting	———			
Soil Sampling	——			
Report				———

Beau Pre Explorations Ltd.

Gordon J. Allen

Victoria, B.C.
May 26, 1989

Gordon J. Allen, P.Geol.

CERTIFICATE

I, Gordon J. Allen, do hereby certify;

1) I am a graduate in geology of the University of British Columbia (B.Sc. 1975).

2) I have practised as a geologist in mineral exploration for fourteen years.

3) I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4) Opinions, conclusions and recommendations contained herein are based on fieldwork conducted by myself between April 5 and April 8, 1989.

5) I am a shareholder of Beau Pre Explorations Limited.

Gordon J. Allen

Victoria, B.C.
May 26th, 1989

Gordon J. Allen, P.Geol.

REFERENCES

Clowes, R.M., Brandon, M.T., Green, A.G., Yorath, C.J., Sutherland Brown, A., and Kanasewich, E.R. 1987. Lithoprobe-southern Vancouver Island: Cenozoic subduction complex imaged by deep seismic reflections. Canadian Journal of Earth Sciences, 24, pp. 31-51.

Fairchild, L.H., and Cowan, D.S. 1982. Structure, petrology and tectonic history of the Leech River complex northwest of Victoria, Vancouver Island. Canadian Journal of Earth Sciences, Volume 19, Number 9, pp. 1817-1835.

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Muller, J.E. 1977. Geology of Vancouver Island (West Half); GSC Open File 463.

Pezzot, E.T. and White, G.E. 1984. Geophysical Report on an Airborne VLF - Electromagnetometer and Magnetometer Survey, Valentine Mountain Project, Victoria M.D. Unpublished report by Western Geophysical Aero Data Ltd. on behalf of Beau Pre Explorations Ltd.

Smith, P.A. 1988. Dighem III Survey for Valentine Gold Corporation, Sooke Area, B.C.; Report 1021, Dighem Surveys and Processing Inc.

APPENDIX I
LIST OF PERSONNEL AND
STATEMENT OF EXPENDITURES

LIST OF PERSONNEL AND STATEMENT OF EXPENDITURES

Personnel				
Gordon Allen				
Project Manager				
9 Days @ 210			1,890.00	
Pavel Mazacek				
Geologist				
4 Days @ 250			1,000.00	
Total Personnel Costs			2,890.00	2,890.00
Equipment Rental				
Truck 9 Days @ 20				180.00
Food and Accommodation				230.00
Disbursements				
Analyses:				
Sample Prep.	1 @ 3.75	3.75		
Sample Prep.	11 @ 3.15	34.65		
Au Assay	1 @ 24.00	24.00		
Au Geochem.	11 @ 4.28	47.03		
ICP	1 @ 8.00	8.00		
ICP	11 @ 6.30	69.30		
Batch Surcharge	1 @ 2.50	2.50		
Fax	2 @ 5.00	10.00		
		199.23	199.23	
Gas			60.00	
Map Prep			22.95	
Courier			14.50	
Travel			119.47	
Typing (Estimate)			150.00	
Drafting (Estimate)			100.00	
Miscellaneous Supplies			14.41	
Total Disbursements			680.56	680.56
Total Project Cost				$3,980.56

APPENDIX II
CERTIFICATES OF ANALYSIS AND ASSAY

FOSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : BEAU PRE EXPLORATIONS LTD.,
1027 PANDORA AVE.,
VICTORIA, B.C.

PROJECT : FRS 12
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 89037
INVOICE # : 90237
DATE ENTERED : 89-04-11
FILE NAME : BPE89073
PAGE # : 1

PREFIX	SAMPLE NAME	PPB Au
A	102776	5
A	102777	5
A	102778	5
A	102779	5
A	102780	5
A	102782	5
A	102783	5
A	102784	10
A	102785	5
A	102786	5
A	102787	5

CERTIFIED BY : J. Fossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : BEAU PRE EXPLORATIONS LTD..
1027 PANDORA AVE..
VICTORIA, B.C.
PROJECT : FRS 12
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89037
INVOICE # : 90237
DATE ENTERED : 89-04-11
FILE NAME : BPE89073.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
	102776	1	10	1	35	0.1	13	11	220	1.76	5	5	ND	ND	6	1	2	2	47	0.11	0.10	2	132	0.57	99	0.05	19	0.88	0.03	0.01	3	1
	102777	1	180	7	67	0.1	68	52	893	5.53	23	5	ND	ND	47	2	2	2	262	2.93	0.15	1	162	2.55	73	0.14	65	2.62	0.06	0.01	1	5
	102778	1	128	6	44	0.1	54	36	537	3.63	15	5	ND	ND	19	1	2	2	144	1.37	0.12	1	139	1.58	36	0.33	32	2.00	0.13	0.01	1	3
	102779	1	10	2	25	0.1	9	10	148	1.02	12	5	ND	ND	13	1	2	2	22	0.16	0.07	4	95	0.29	114	0.06	18	0.86	0.04	0.01	1	1
	102780	1	14	9	33	0.1	20	11	126	1.17	12	5	ND	ND	20	1	2	2	14	0.16	0.07	7	115	0.29	73	0.01	20	0.98	0.04	0.01	1	1
	102782	1	4	1	35	0.1	1403	74	1407	4.29	366	5	ND	ND	20	1	7	2	20	0.32	0.01	1	1162	12.11	11	0.01	10	0.45	0.03	0.01	1	1
	102783	1	11	6	58	0.1	796	61	1339	3.94	1006	5	ND	ND	7	1	7	2	10	0.21	0.01	1	616	5.35	11	0.01	16	0.28	0.02	0.01	2	1
	102784	1	13	28	75	0.2	1825	138	2602	5.93	2009	5	ND	ND	3	2	50	2	49	0.03	0.05	2	2072	2.74	37	0.01	14	1.45	0.02	0.02	1	2
	102785	1	26	14	124	0.2	83	30	545	4.70	43	5	ND	ND	6	1	2	4	52	0.16	0.15	18	105	1.36	67	0.01	21	2.46	0.02	0.01	1	1
	102786	1	37	5	70	0.1	989	86	815	3.66	329	5	ND	ND	4	1	5	2	13	0.07	0.01	1	714	1.51	13	0.01	17	0.33	0.02	0.01	3	1
	102787	3	10	10	11	0.1	49	9	115	0.61	42	5	ND	ND	1	1	5	16	11	0.01	0.02	3	240	0.12	19	0.01	16	0.17	0.02	0.01	3	1

CERTIFIED BY : T. Rossbach

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: V89-01531.4 | PROJECT: FRS 12 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	WT G	WT-150 G	WT+150 G	Au-150 OPT	Au+150 OPT	Au+150 MG	Au TOT OPT
R2 102781		29.17	367.8	19.55	0.018	0.01	0.010	0.018

Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V89-01531.0 (COMPLETE)

REFERENCE INFO:

CLIENT: BEAU PRE EXPLORATIONS LTD.
PROJECT: FRS 12

SUBMITTED BY: G. ALLEN
DATE PRINTED: 20-APR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	1	0.2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
2	As	Arsenic	1	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
3	Ba	Barium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
4	Be	Beryllium	1	0.5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
5	Bi	Bismuth	1	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
6	Cd	Cadmium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
7	Ce	Cerium	1	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
8	Co	Cobalt	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
9	Cr	Chromium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
10	Cu	Copper	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
11	Ga	Gallium	1	2 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
12	La	Lanthanum	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
13	Li	Lithium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
14	Mo	Molybdenum	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
15	Nb	Niobium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
16	Ni	Nickel	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
17	Pb	Lead	1	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
18	Rb	Rubidium	1	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
19	Sb	Antimony	1	5 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
20	Sc	Scandium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
21	Sn	Tin	1	20 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
22	Sr	Strontium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
23	Ta	Tantalum	1	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
24	Te	Tellurium	1	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
25	V	Vanadium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
26	W	Tungsten	1	10 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
27	Y	Yttrium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
28	Zn	Zinc	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC
29	Zr	Zirconium	1	1 PPM	HNO3-HCL HOT EXTR	PLASMA EMISSION SPEC

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Geochemical Lab Report

REPORT: V89-01531.0 | PROJECT: FRS 12 | PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM	Ga PPM
R2 102781		<0.5	>2000	30	<0.5	<2	<1	<5	1	178	7	<2

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM	Sr PPM
R2 102781		<1	2	<1	<1	6	20	58	<5	<1	<20	3

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REPORT: V89-01531.0 | PROJECT: FRS 12 | PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ta PPM	Te PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
R2 102781		<10	<10	2	<10	<1	44	<1

APPENDIX III
ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS AND LITHOGEOCHEMICAL RESULTS

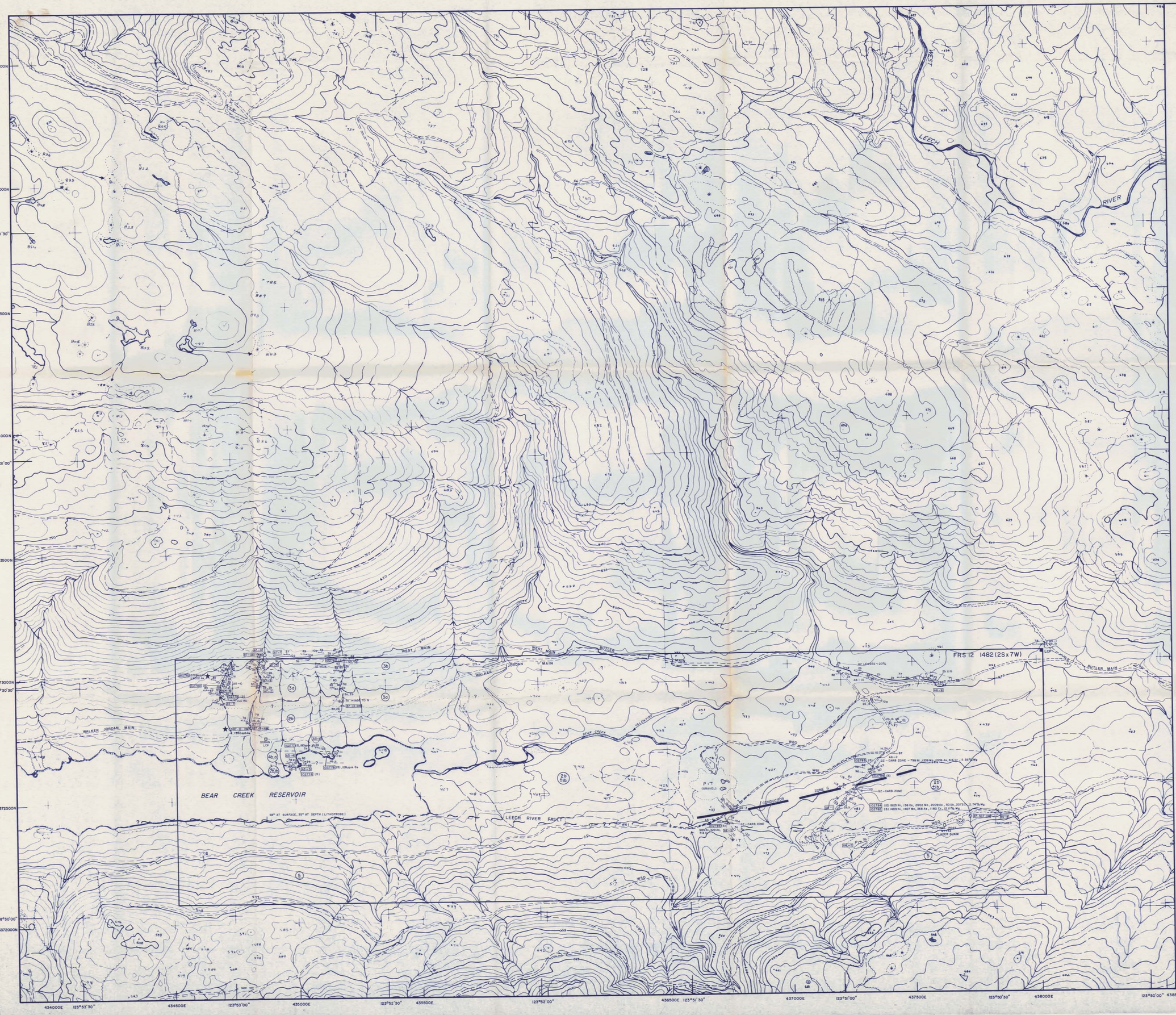
Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
102776	Location: North Shore of Bear Cr. Reservoir Rock Type: Quartz Vein Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 1-2 cm wide vein White, weakly limonite-stained quartz vein generally following foliation in host metasandstone (89/78 NW). The vein has been folded into a distinct 'Z' shape suggesting right lateral shearing (Leech River Fault?). The vein appears to be barren.	5	0.1	5	10	
102777	Location: North Shore of Bear Cr. Reservoir Rock Type: Phyllitic Amphibolite Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m wide zone Dark blue-green gossanous weathering thinly laminated soft, fissile phyllitic amphibolite with thin (<1 cm) beds of medium brownish-grey metasandstone. The amphibolite layers are composed of a fine-grained crystalline aggregate of actinolite (?) with 2-4% (overall) fine-grained pyrite as thin bands or films parallel to foliation.	5	0.1	23	180	
102778	Location: North Shore of Bear Cr. Reservoir Rock Type: Amphibolite Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: >5 m wide zone Thinly laminated dark green fine-grained amphibolite with 1-3% very fine-grained disseminated pyrite.	5	0.1	15	128	

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
102779	Location: Creek between West Main & Walker-Jordan Main Rock Type: Quartz Vein Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 15 cm wide 15 cm wide zone with 60% 1-3 cm wide white, weakly gossanous barren quartz veins. The zone is hosted in metasandstone and parallels bedding at 87/85 NW.	5	0.1	12	10	
102780	Location: Creek between West Main & Walker-Jordan Main Rock Type: Quartz Vein Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 10 cm wide Sporadically gossanous white to dark grey quartz lens in metasandstone. Barren.	5	0.1	12	14	
102781	Location: Creek between West Main & Walker-Jordan Main Rock Type: Quartz Vein Material Sampled and Sample Type: Float, Grab Occurrence Size: 7 cm x 10 cm x 15 cm subrounded cobble Composite quartz vein composed of a 2 cm band of moderately gossanous white quartz and a 1 cm band of blue-grey quartz with 20% fine to medium-grained (up to 1 mm) euhedral arsenopyrite crystals. Arsenopyrite has developed along zones (fractures) parallel to the vein and along the contact between the two veins.	0.018 oz/Ton	<0.5	>2000	7	

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
102782	Location: On Hookup Road between Butler Main and W 50 Rock Type: Quartz-Carbonate Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m wide zone Bright orange-weathering thinly banded (distorted) aggregate of medium brownish-coloured medium-grained crystalline carbonate (magnesite?) (~70%) and blue-grey quartz. A fine-grained disseminated black metallic mineral (2-5% overall) occurs in the carbonate parts. Minor amounts of a soft light apple-green coloured mineral (fuchite?) is also present. The zone is hosted in a relatively underformed phyllitic argillite at 118/87 NE. This material is located near the Leech River Fault and may be shear related.	5	0.1	368	4	1403 Ni 1407 Mn 1182 Cr 12.11% Mg
102783	Location: On Hookup Road between Butler Main and W 50 Rock Type: Quartz-Carbonate Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 40 cm wide Similar material to 102782. Tough aggregate of fine to medium-grained crystalline cream to brown carbonate (~60%) and blue-grey quartz (~30%) with 1-2% of a black metallic (nonmagnetic) mineral. Appears to be barren.	5	0.1	1006	11	798 Ni 1339 Mn 616 Cr 5.35% Mg

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
102784	Location: On Hookup Road between Butler Main and W 50 Rock Type: Weathered Quartz-Carbonate Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m wide zone 30% 1-2 mm irregular bands of blue-grey quartz in a bright orange earthy material. Heavily weathered equivalent of 102782.	10	0.2	2009	13	1825 Ni 138 Co 2602 Mn 50 Sb 2072 Cr 2.74% Mg
102785	Location: Hookup Road between Butler Main and W 50 Rock Type: Phyllitic Argillite Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: Dark to medium grey thinly laminated very fine-grained sediment with rare distinguishable rounded grains. The material is soft, fissile and has a sheen on foliation surfaces. The sample was taken because it is located on the DIGHEM anomaly G. Appears to be barren. Possibly graphitic?	5	0.2	43	26	124 Zn
102786	Location: Creek Draining Quarry South of W 61 Road Rock Type: Quartz-Carbonate Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: ± 1 m wide zone Heavily weathered zone of quartz-carbonate material similar to 102783.	5	0.1	329	37	989 Ni 714 Cr

Sample Number	Description	Au ppb	Ag ppm	As ppm	Cu ppm	Other ppm
102787	Location: West Main Rock Type: Quartz Vein Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 5 cm wide vein Gossanous 5 cm wide quartz vein crosscutting foliation in biotite andalusite schist. Vein at 58/68 NW. Appears to be barren.	5	0.1	42	10	



GEOLOGICAL LEGEND

CENOZOIC
EOCENE

METCHOSIN VOLCANICS
- 5 a BASALTIC TUFF
- b MASSIVE BASALT (FLOW ?)
- c SCHISTOSE TUFF

MESOZOIC (?)

LEECH RIVER FORMATION
- 4 a AMPHIBOLITE
- b PHYLLITIC AMPHIBOLITE
- 3 a BIOTITE SCHIST
- b BIOTITE ANDALUSITE SCHIST
- 2 a ARGILLITE
- b PHYLLITIC ARGILLITE
- 1 a METASANDSTONE
- b PHYLLITIC METASANDSTONE

SYMBOLS

- BEDDING
- FOLIATION, SCHISTOSITY
- JOINTING, FRACTURING
- VEIN
- FAULT
- OUTCROP
- A5-1 FIELD NOTE LOCATION
- A6-1 FIELD NOTE LOCATION, HAND SPECIMAN COLLECTED
- SAMPLES FOR ANALYSES:
- 02783 Δ (5) BEDROCK SAMPLE SITE AND ANALYSES: (ppb Au) AND OTHER ELEMENTS CONSIDERED ANOMALOUS (in ppm)
- 02782 x (0.018 oz/t) FLOAT SAMPLE SITE AND ANALYSES: (oz/ton Au) AND OTHER ELEMENTS CONSIDERED ANOMALOUS (in ppm)
- 87-10-HM ○ (350) HEAVY MINERAL CONCENTRATE FROM STREAM SEDIMENT SAMPLE (ppb Au)
- CONDUCTOR AXIS AS DEFINED BY DIGHEM AIRBORNE GEOPHYSICAL SURVEY
- ★ OUTSTANDING MINERALIZATION OR ANALYSIS
- LITHOLOGICAL CONTACTS: DEFINED, ASSUMED, GRADATIONAL

ABBREVIATIONS

- As ARSENOPYRITE
- Po PYRRHOTITE
- Py PYRITE

NOTE: CLAIM LINES FROM POST LOCATED IN FIELD
: 10m CONTOUR INTERVAL

0 100 200 300 400 500

BEAU PRE EXPLORATIONS LIMITED

GEOLOGY AND ROCK SAMPLE LOCATIONS

FRS PROPERTY
VICTORIA MINING DIVISION, B.C.

PROJECT No. 391	BY: G.A., P.M.
SCALE: 1:5000	DRAWN: MERIDIAN MAP
DRAWING No.: 1	DATE: APRIL, 1989