# BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM MINISTRY OF ENERGY AND MINES GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:1995/1996REPORT #:PAP 95-19NAME:FRANK FAIRCLOUGH

#### BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM PROSPECTING REPORT FORM (continued)

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PROSPECTORS	PROGRAM
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- **B. TECHNICAL REPORT**
- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.

٠	If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the
	supporting data (see section 16) required with this TECHNICAL REPORT.

Name Reference Number
LOCATION/COMMODITIES
Project Area (as listed in Part A) FRANK FAIRCLOUGH MINFILE No. if applicable 95/96 P041
Location of Project Area NTS 82F/100 Lat 49 30' Long 116 30'
Description of Location and Access Access to the Redding Cr. Area was by 4x4 truck for
64 KM. to a camp we set up. In most places the area was thickly covered with
Jackpine trees and lots of overburden.
Main Commodities Searched For Silver Lead, Zine and Gold
Known Mineral Occurrences in Project Area
WORK PERFORMED 1. Convertional Prospecting (area) Redding Creek Area
2. Ge Mapping (hectares/scale)
3. Geo. al (type and no. of samples) 7 rock samples & 21 soil camples
4. Geophysical (type and line km)
: Physical Work (type and amount)
6, Drilling (no, holes, size, depth in m, total m)
Other (specify)
SIGNIFICANT RESULTS anmodities Lead, Zinc and Silver Claim Name No claims staked
Location (show on map) Lat <u>49 34'</u> Long <u>116 37'</u> Elevation <u>6400 ft</u> .
Best assay/sample type Redd # 1 PB 16276 ppm ZN 11 ppm AG 36 ppm

Description of mineralization, host rocks, anomalies <u>Most of the rock formation was Creston</u> but we did find a dolomitic formation with Quartz veins containing mineralization

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Supporting data must be submitted with this TECHNICAL REPORT

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<ul> <li>Refer to Program</li> <li>If work was perfect</li> </ul>	ort to be completed in Requirements/Re- rmed on claims a co- ree section 16) requi	egulations, sections of the applic ired with this TE	ion 15, 16 and able assessme CHNICAL RI	17. nt report may 1 PORT:	PROSPECTORS MEMPF	of the
Namo						
LOCATION/COMM Project Area (as listed Location of Project Ar Description of Locatio	in Part A) FRANK ea NTS <u>8</u> n and Access Acc	2F/10C: cess to the	Pedding (	La <u>49</u> 30 r. Area wa	Long Long Long Long Long Long Long Long Long	116 <u>30'</u> k for
					thickly cover	
Main Commodities Sc						
<ol> <li>Geological Map</li> <li>Geochemical (t</li> <li>Geophysical (ty)</li> </ol>	oping (hectares/scale ype and no. of samp (pe and line km) (type and amount)	e) Nes)7_rc	ock sample	<u>s &amp; 21 soi</u>	1 samples	
6,. Drilling (no,, h						
6,. Drilling (no,, h						
<ul> <li>6, Drilling (no., h</li> <li>7. Other (specify)</li> <li>SIGNIFICANT RESI</li> <li>Commodities <u>Less</u></li> <li>Location (show on matrix)</li> </ul>	ULTS nd, Zinc and S p)Lat 49 34 '	Silver Lo	ng <u>116</u>	Claim Name 371	<u>No claims sta</u> Elevation <u>6400 f</u>	aked it.
6,. Drilling (no,. h 7. Other (specify) SIGNIFICANT RESI Commodities <u>Less</u> Location (show on ma Best assay/sample type	ULTS hd, Zinc and S p) Lat 49 34 Pedd # 1	Silver Lo EB 16276	ng <u>116</u> ppm ZN 1	Claim Name 371 1. ppm. AG. 3	<u>No claims sta</u> Elevation <u>6400 f</u> 6.4 ppm	aked t.
6,. Drilling (no,. h 7. Other (specify) SIGNIFICANT RESI Commodities <u>Less</u> Location (show on ma Best assay/sample type Description of mineral	ULTS nd, Zinc and S p) Lat 49 34 Redd # 1 ization, host rocks,	Silver Lo Bi3 16276 anomaliesN c_formatior	ng <u>116</u> ppm ZN <u>1</u> Most of the p with Qua	Claim Name 37: 1 ppm AG 3 2 rock for rtz veins	No claims sta Elevation <u>6400 f</u> 6.4 ppm mation was Cre containing mir	aked it. eston peraizat
6,. Drilling (no,. h 7. Other (specify) SIGNIFICANT RESI Commodities <u>Less</u> Location (show on ma Best assay/sample type Description of mineral	ULTS )d. Zinc and S p) Lat <u>49 34</u> p) Lat <u></u>	Silver Lo Lo B3 16276 anomaliesN .c_formation	ng <u>116</u> ppm ZN 1 Most of the r with Qua	Claim Name 37' 1 ppm AG 3 2 rock for rtz veins	<u>No claims sta</u> Blevation <u>6400 f</u> 6.4 ppm mation was Cre	eston eraizat
6,. Drilling (no,. h 7. Other (specify) SIGNIFICANT RESI Commodities <u>Less</u> Location (show on ma Best assay/sample type Description of mineral	ULTS )d. Zinc and S p) Lat <u>49 34</u> p) Lat <u></u>	Silver Lo LO LO	ng <u>116</u> ppm <u>ZN 1</u> Most of the n with Qua	Claim Name 37) 1 ppm AG 3 2 rock for rtz veins	No claims sta Elevation 6400 f 6.4 ppm mation was Cre containing mir	aked it. eston peraizat

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<b>ROSPECTING R</b>	EPORT FORM	(continue	:d)

B.	TECH	NICAL	REPORT
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One technical report to be completed for each project area.

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- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Nome <u>FPANK FAIRCLOUGH</u>	Reference Number 95/96 P041
LOCATION/COMMODITIES	·
Project Area (as listed in Part A) ST' mary!	<u>'s lake area</u> MINFILE No. if applicable
Location of Project Area NTS 82	2F/9 Lat 49 30' Long 116 00'
-	ss to ST' MARY'S LAKE APEA was by 4x4 truck for
-	The area was very steep and rugged.
	, Platinum and gold
VIAID COMMICATIONS SCREETENS TO A MARKENSING THE	
Known Mineral Occurrences in Project Area	
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WORK PERFORMED	
WORK PERFORMED 1. Conventional Prospecting (area)	ST! MARY'S LAKE APEA
WORK PERFORMED 1. Conventional Prospecting (area)	
WORK PERFORMED 1. Conventional Prospecting (area) 2. Geological Mapping (hectares/scale)	ST! MARY'S LAKE APEA
WORK PERFORMED 1. Conventional Prospecting (area) 2. Geological Mapping (hectares/scale) 3. Geochemical (type and no. of samples)	STI MARY'S LAKE APEA
WORK PERFORMED 1. Conventional Prospecting (area)S 2. Geological Mapping (hectares/scale)S 3. Geochemical (type and no. of samples) 4. Geophysical (type and line km)	ST' MARY'S LAKE APEA 33 rock samples

SIGNIFICANT RESULTS

7. Other (specify)

Commodities Cobalt &	Gold			a tarih shi wasafa ƙwa Matana	Claim Nam	e Garnn	net	
Location (show on map) Lat								ft.
Best assay/sample type								
• • •	Rock sample					••		
Description of mineralization						tions are	Aldrdge	e and
Diorite, the mine	eralization	is mai	nly f	ound i:	n Aldridge	Quartzit	es.	
Refer to Garnnet								
			- <b>1</b>					
		TANG STRAT			en anderen anderen av de ser de la service anteren anteren de la service anteren anteren anteren anteren antere			
Supporting data must be submitted								

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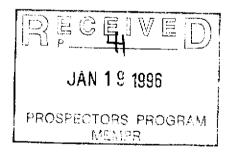
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<ul> <li>B. TECHNICAL REPORT</li> <li>One technical report to be completed for each project</li> <li>Refer to Program Requirements/Regulations, sect</li> <li>If work was performed on claims a copy of the applic supporting data (see section 16) required with this TE</li> </ul>	ion 15, 16 and 17. Cable assessment report m		ECTORS PROGRAM MEMPR in lieu of the
Name FRANK FAIRCLOUGH	Reference Number 9	5/96 P041	
LOCATION/COMMODITIES Project Area (as listed in Part A) <u>ST' mary's lake</u> Location of Project Area <u>NTS</u> <u>82F/9</u> Description of Location and Access <u>Access to ST</u> <u>31 K1. to a camp we set up</u> . The area	Lat <u>MARY'S LAKE ARE</u> was very steep a	49 30: A was by 4x nd rugged.	Long 116 00' 4 truck for
Main Commodities Searched For <u>Cobalt</u> , Platin			
Known Mineral Occurrences in Project Area			
WORK PERFORMED         1. Conventional Prospecting (area)       ST'MAPY         2. Geological Mapping (hectares/scale)         3. Geochemical (type and no. of samples)       3         4. Geophysical (type and line km)       3         5. Physical Work (type and amount)       6, Drilling (no., holes, size, depth in m, total m)         7. Other (specify)	<u>3 rock samples</u>		
SIGNIFICANT RESULTS	Claim Mr	ma Garon	at .
Commodities <u>Cobalt &amp; Gold</u> Location (show on map) Lat <u>49.37</u>			
Bost assay/sample type Rock sample # 22 Rock sample # 20	AU 972 ppb		****
Description of mineralization, host rocks, anomalies	<u>he main rock form</u> y found in Aldride n Report By Bapt	ations are ge Quartzit y Research.	Aldrdge and es.

## PROSPECTORS ASSISTANCE PROGRAM 1994--1997

# **PROGRAM COMPLETION**



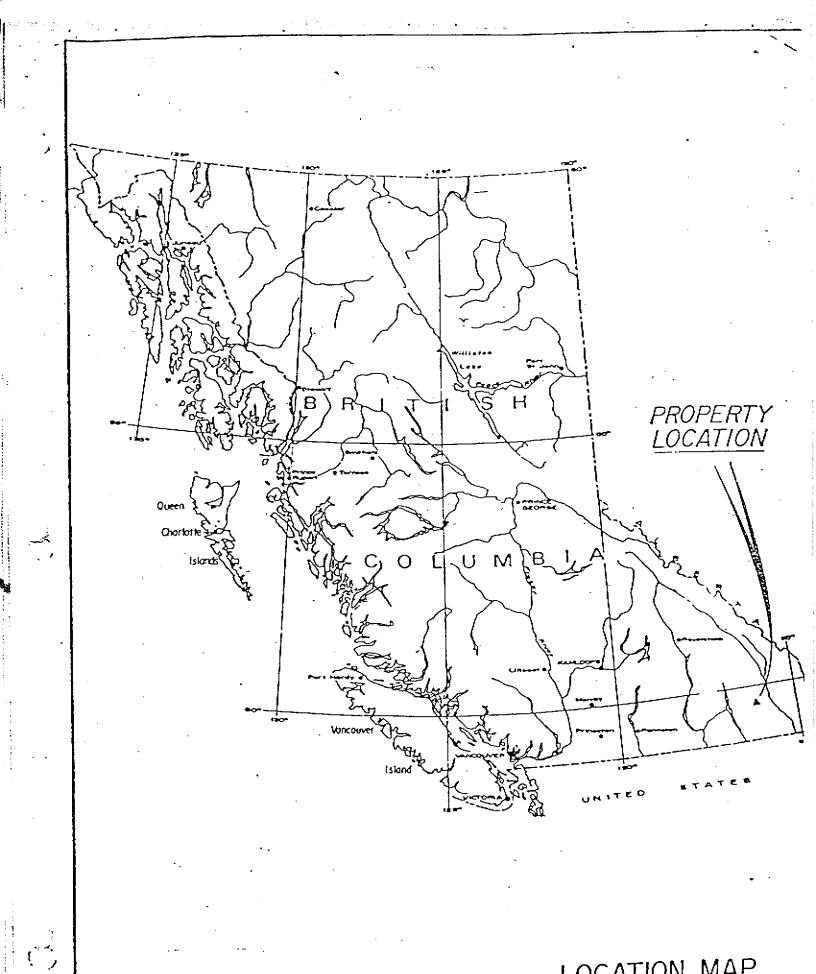
AUTHOR FRANK FAIRCLOUGH

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DATE DEC. 20th / 95

# PROJECT NO 1

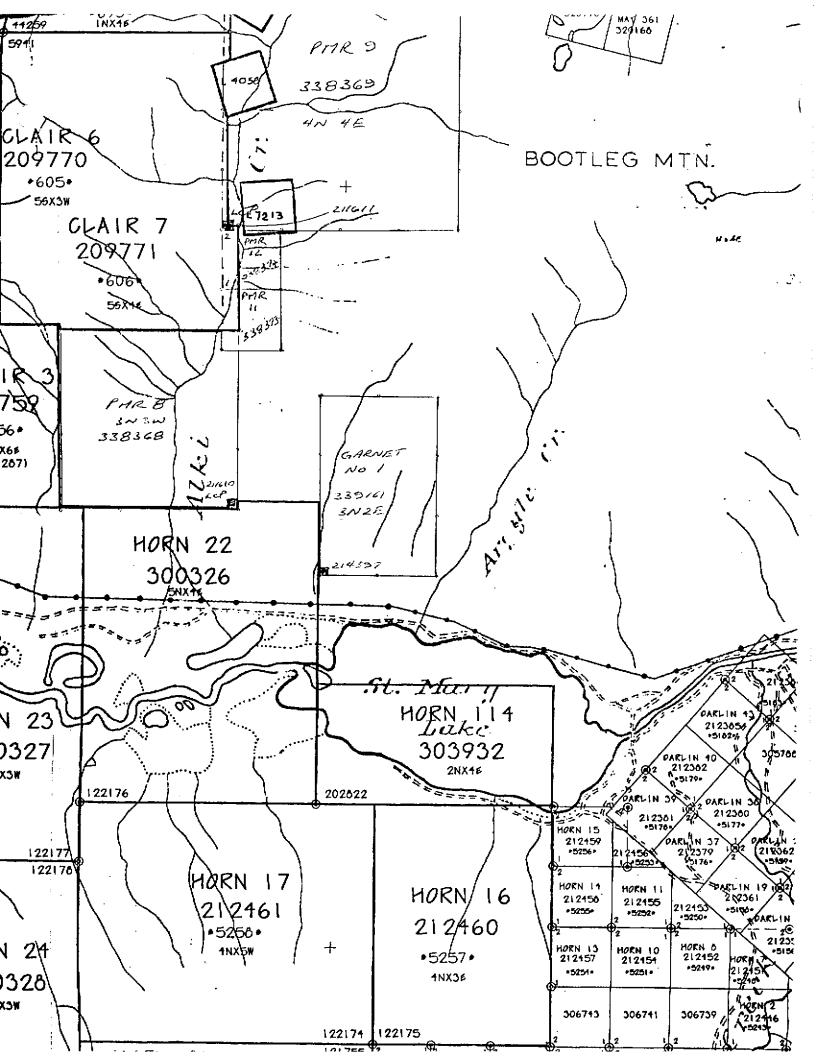
# ST'MARY'S LAKE AREA.



LOCATION MAP 80 300

o 50

Km. 100



#### **ACCESS & PROSPECTING ACTIVITY**

## PROJECT NO. 1

#### ST' MARY'S LAKE AREA

Access to the ST MARY'S LAKE AREA was by 4x4 truck for 31 km. to a camp we set up. From there we hiked, it was very steep and rugged and slow going. We took several rock samples of mineralization. We found 1 old attic and 3 old diggings which there is no records of. Some of the area had signifacant values in gold and cobalt. We contacted BAPTY RESEARCH and MIKE BAPTY came out to look at the area. MIKE believes this area warrants a few drill sites and is going to handle the option agreement between BARKHOR RESOURCES INC. and myself.

#### ST' MARY'S LAKE AREA

#### GARNNET CLAIM.

#### **ROCK SAMPLE DISCRIPTION**

- Garnnet no. 1 Carbonaceous rock with garnets, chalcopyrites and quartz.
- Garnnet no. 2 Chalcopyrites and garnets.
- Garnnet no. 3 Garnets.
- Garnnet no. 4 Greenish to black rock with sulfides.
- Garnnet no. 5 Grey to yellow altered formation.
- Garnnet no 6 Rusty to red formation.
- Garnnet no 7 Greenish rock with crystals.
- Garnet no 8 Quartz with sulfides.
- Garnnet no. 9 Quartzite with sulfides.
- Garnnet no. 10 Black formation very porous.
- Garnnet no 11 Sandstone with crystals.
- Garnnet no 12 Yellowish to grey formation with sulfides.
- Garnet no. 13 White carbonaceous formation with green crystals.
- Garnnet no. 14 Grey to brownish quartzite with pyrites.
- Garnnet no. 15 Yellow to greenish quartzite with sulfides.
- Garnnet no. 16 Green to pinkish formation.
- Garnnet no 17 Brownish formation with sulfides.
- Garnnet no 18 Rusty brown breccia with sulfides.
- Garnnet no 19 Rusty brown formation with sulfides .

## ST' MARY'S LAKE AREA

## GARNNET CLAIM.

#### **ROCK SAMPLE DISCRIPTION**

Garnnet no 20 Rusty brown rock with sulfides.

Garnnet no 21 Greyish siltstone.

Garnnet no 22 Light brown siltstone.

Garnnet no 23 Rusty grey Quartzite.

Garnnet no 24 Quartz.

Garnnet no 25 Blue to grey Quartz with sulfides.

Garnet no 26 Quartz.

Garnnet no 27 Grey breccia.

Garnnet no 28 Pinkish Quartz with sulfides.

Garnnet no 29 Greyish Quartzite.

Garnnet no 30 Pinkish Quartzite.

Garnnet no 31 Rusty Quartz.

Garnnet no 32 Grey to rusty Quartz.

Garnnet no 33 Brown to pinkish Quartz.

ACME ANALYTICAL LABORATORIES DTD. 652 B. BASTINGS ST. VANCOUVER BC. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253 ASSAY! CERTIFICATE Ram Exploration FL19 # 95~3653 Page 1 1200 2nd Ave South, Crambrook &C v10 283 Submitted by: Gordan Johnstone SAMPLE# Ni Co Au\*\* Pt\*\* Pd\*\* ₹ oz/t oz/t oz/t GARNNET #2 .002 .007 .001 .001 .001 GARNNET #4 ·001 ·006 ·001<·001 ·001 GARNNET #10 1004 .004 .001 .001 .001 GARNNET #18 GARNNET #19 .010 .091 .003<.001<.001 .019 .103 .004 .002 .053 RE GARNNET #19 .017 .100<.001<.001<.001 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY TCP. AUA\* PT\*\* & PD\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE. SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns. DATE RECEIVED: SEP 19 1995 DATE REPORT MAILED: Sept 30/95 SIGNED BY D. TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS **O**. \_ / .

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Ram Exploration FILE # 95-3653

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SAMPLE#	Ppr	-	u Pl m ppr	b Z n pp		Ag Sin p		Co ppm		Fe X	As ppm	U Dom		Th	\$r			Bi	V			 Cr	Mg	Ba Ti		Al	Ne		ge 2		
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Sample type: ROCK. Samplas beginning 'RE' are Reruns and 'RRE' are Reject Reruns. AU\* • IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

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SAMPLE#	Mo ppm	Cu ppn	Pb ppm	Zл ppm	-	Ní ppm p	Co xpm	Mn ppm	Fe X	As ppm	U popmil	Au ppm	Th Spm p		Cd p¢m	Sb ppm j	Bi ppm p	V Inqc	Ca X	P X	La ppm j	Cr ppm	Hg X	8a ppm	Ti Xpp	8 Al m 7	Na X			TL Spann	Ng Au Span pg	
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#### GARNET PROPERTY EXAMINATION REPORT

Location North side of St. Marys Lake, 20 km west of Kimberley.

- <u>Claims</u> 3Nx2E block, LCP 214397 by F. Fairclough. Tenure expires Aug. 23/96.
- <u>Mineralization</u> The zone of interest extends from a weakly mineralized outcrop at 4290 ft. elev. down to main showing (short tunnel & shaft) at 4180 ft. elev., a distance of approximately 400 ft. of strike. The occurrence appears to be a diorite sill about 5 feet thick, striking Az 320° and dipping at -90°, and contained within Aldridge quartzites. The host material contains feldspar, hornblende, massive sulphides and well developed garnets. The massive sulphide is presented with calcopyrite along the margin. Assays for Ni/Co/Cu and AG/Au are underway.

An unmineralized quartz vein was seen cross cutting the sill in an east-west direction.

<u>Potential</u> The size of the sill could be extensive. The 1916 Min. of Mines report on the Whitefish Creek and Alliance Groups refers to the north block as the "supposed continuation accross the valley" of the southern exposure. It is unlikely to be mineralized throughout. An opinion of the size of the outcrop is a zone 500 feet wide x 1000 feet high and 5 feet wide x 1/2 (to account for the mountain slope). This would total about 100,000 - 150,000 tons.

Previous samples indicate the mineralization consists of pyrrnotite with chalcopyrite, and low values in silver and gold.

Two things are needed to make the deposit of economic interest - value and size.

No records exist indicating whether the deposit carries nickel, although there are references to seeing native copper and erythrite (cobalt bloom). If the samples show presence of nickel at >0.5% then the property should be drilled.

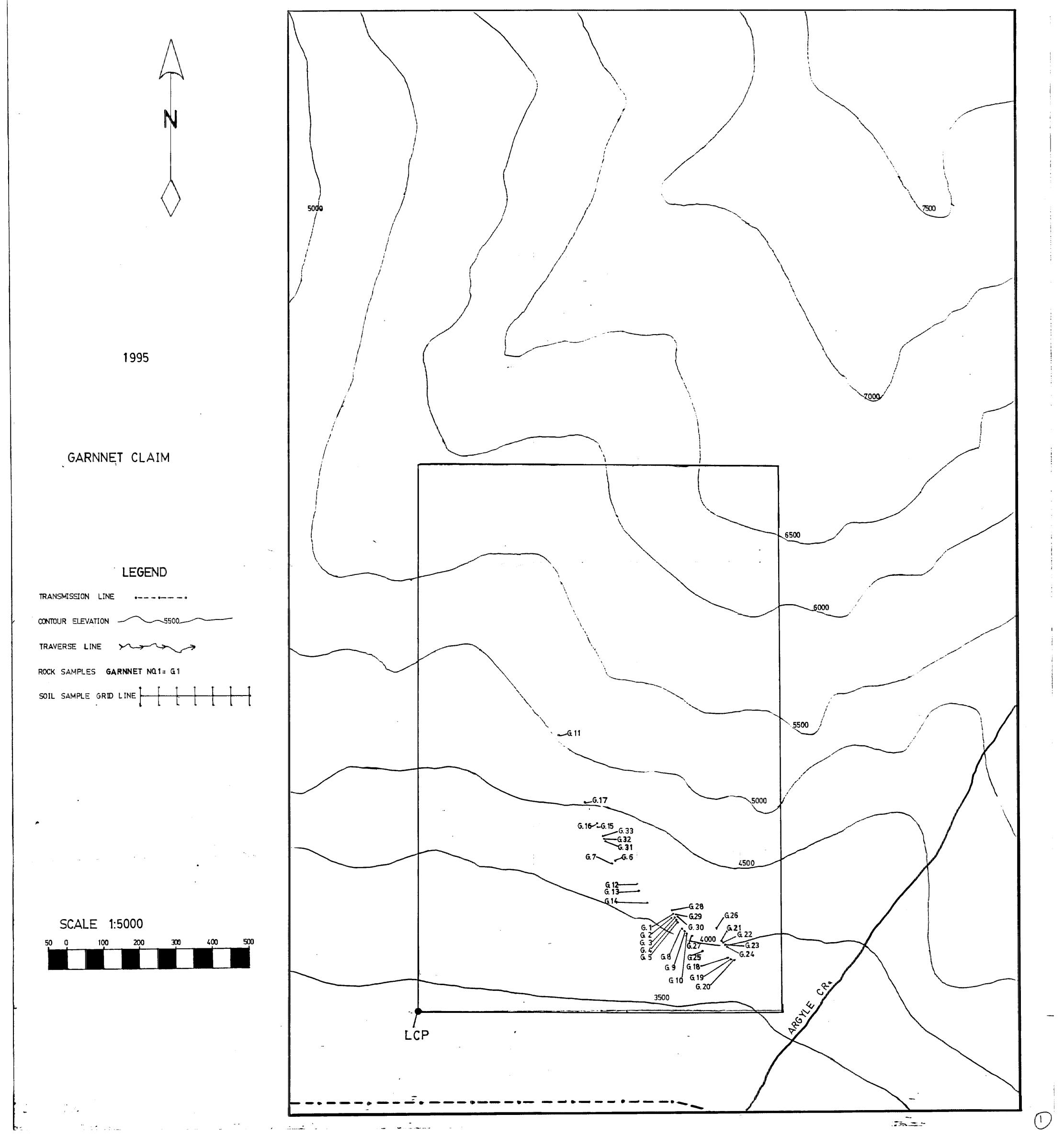
Size is not a major concern at the moment, as there is ample opportunity to develop size along the sill to depth.

<u>Conclusion</u> Potential of the property depends upon assay values.

<u>Recommendation</u> If nickel shows up in the assays, the property should be optioned.

-ismyly

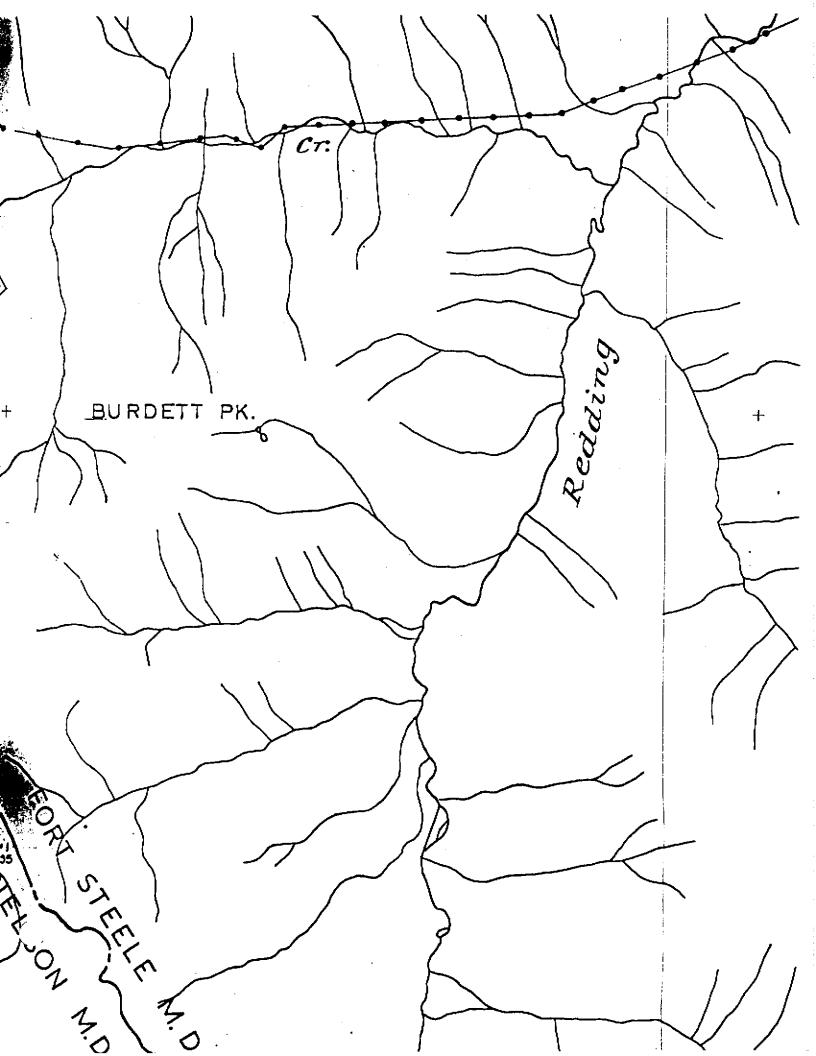
M. Bapty, P.Eng. September 27, 1995



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# PROJECT NO 2

## **REDDING CR. AREA.**



## ACCESS & PROSPECTING ACTIVITY

## PROJECT NO. 2

#### **REDDING CR. AREA**

Access to the REDDING CR. AREA was by 4x4 truck on forestry all weather gravel roads to a camp we had set up.From our camp we drove and then hiked, taking rock samples from rock outcrops. We could not find any more mineralization than what we had found in the pervious years. We run grid lines and took soil samples on a gossan that we had found, hoping that this might help us. The project was very dissapointing and we decided to spend the remainder of the time on the ST'MARY'S LAKE AREA.

## **REDDING CR.**

**Description of Rock Samples** 

Sample Redd no. 1 carbonate siltstone with lead.

Sample Redd no. 2 Bedded carbonate with sulfides.

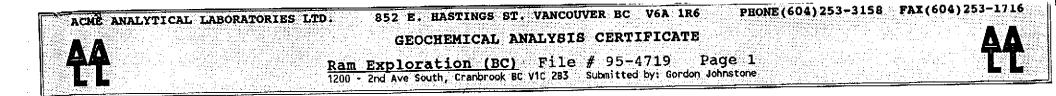
Sample Redd no. 3 Breccia with sulfides.

Sample Redd no. 4 Rusty quartz with sulfides.

Sample Redd no. 5 Quartzite and carbonate with sulfides.

Sample Redd no. 6 Rusty to bluish quartz with sulfides.

Sample Redd no. 7 Quartzite with pyrites.



REDD-1	2 <sup>°°</sup>	75	16276	11	36.4	11	10 3656 4.84	8	35	<2	20	86	4.4	27	89	2 8.58 .005	\$ 3	5 3.62	8<.01	ৎ	.09<.01 .02	×2	'	~1	1.2
REDD - 2 REDD - 3 REDD - 4 REDD - 5 REDD - 6	2 1 2 1 5	14 14 19 21 10	80 224 20 12 133	16 13 8 36 86	.5 <.3 <.3 <.3 <.3	7 2 16 7 21	3 1066 1.10 3 5328 7.31 4 1567 3.24 3 2693 3.50 7 1456 2.78	4 2 9	40 18 23	<2 <2 <2	25 1 19 15	21 59	<.2 <.2	<2 2	2 <2	2 14.34 .004	· / 7 17 5 2	8 1.84	18 .01	<3 <3	.24 .01 .18	<2 <2	<5 <5	<1 1	1 5
RFDD-7	2	85	41	36	.3	13	7 619 1.77	<2	9	<2	19	34	.3	<2	<2	5 4.36 .028	3 11	8 1.56	57 .01	<3	.59 .01 .43	<2	<5	<1	5



Ram Exploration (BC) FILE # 95-4719



ACRE ANALYTICAL																																AC.	ME AMALY	
SAMPLE#	1				Ag ppm					As ppm					Cd ppm		Bi ppm		Ca X			Cr Spñi	_					Na %		₩ ppm		_		
GARNNET-1 REDD 0+00 10' REDD 0+25 10' REDD 0+50 10' REDD 0+75 10' REDD 0+100 10' RE REDD 0+100 10' REDD 0+125 10' REDD 0+175 10'	1	560 8 6 6 6 7 7 10 4	20 11 17 11 10 8 7 11 4	25 18 23 32 28 35 36 28 18	.3	18 5 7 6 8 7 9 8 2	26 3 11 5 5 6 6 7 1	262 38 450 106 66 63 66 114 118	14.17 1.53 1.77 1.87 1.46 1.63 1.71 1.45	201 3 6 6 4 4 4 6 4 4 5 2	, , , , , , , , , , , , , , , , , ,	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	17 12 13 11 19 11 13 14 8	36 2 1 3 1 2 2 2 2	-8 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2 <.2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	₹2 2 2 2 2 3 4 2 2 2 3 4 2 2 2 3	13 11 8 15 8 11 11 8 6	.01 . .02 . .01 . .01 . .01 . .01 . .01 .	007 010 017 013 015 016 017 016	22 18 16 30 19 20 23 22	5. 6. 7. 7. 8. 4.	22 28 19 30 25 26 26 26	36 .0 16 .0 37 .0 48 .0 51 .0 53 .0 39 .0 30 .0	02 01 02 02 03 02 02 02		.74< .66 .50 .75< .08< .12< .67< .63	.01 .01 .01 .01 .01 .01 .01	.10 .03 .05 .04 .04 .03 .03 .03 .02	10 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2		5 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	3 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	
REDD 0+200 10' REDD 0+225 10' REDD 0+250 10' REDD 0+275 10' REDD 0+275 10' REDD 0+300 10'	2 <1 1 1	17 3 6 7	15 8 12 7	21 17 32 35	<.3 <.3 <.3 <.3 <.3 <.3	5 2 3 7	2		2.60 .54 1.52 1.31	6 2 3 3	ଏ ଓ ଓ ଓ ଓ ଓ	<2 <2 <2 <2 <2	9 8 7 11	7 3 2 2	<.2 <.2 .3 .2	<2 2 2 2 2 2 2	<2 <2 <2 5	29 7 15 9	.04 . .06 . .02 . .01 . .02 .	079 015 024 022	11 17 10 20	9. 3. 7. 6.	09 09 12 26	23 . 25 . 35 . 38 .	15 03 05 02	<ul> <li>&lt;3 6.</li> <li>&lt;3 .</li> <li>&lt;3 1.</li> <li>&lt;3 1.</li> <li>&lt;3 1.</li> <li>&lt;3 1.</li> </ul>	.54 .51< .69 .97<	.03 .01 .01 .01	.02 .02 .02 .02	~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ও ও ও ও	<1 <1 <1 <1	ণ ণ ণ ণ	
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REDD 0+125 10'+25 280' REDD 0+150 10'+25 280' REDD 0+175 10'+25 280' STANDARD C/AU-S	1 1 <1 20	33	6	29 20	.4 <.3 <.3 6.1	5	32	31	1.83	2 <2	<5 <5	<2	7 11	3 1	<.2 <.2	<2 <2	3 <2	16 5		014 006	20 22	6. 5.	30 27	39 . 45 .	03 02	<3 1. <3 1. <3 . 28 1.	.25< .72<	.01 .01	.07 .03	<2 <2	<5 <5	<1 <1	1	

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

