94Q/4W, 5W
TRI 4-32 + 41-52

1540'

5407 - A

94G/4W & 5W

PROSPECTING AND GEOCHEMICAL SURVEY

OF THE

TRI GROUP OF MINERAL CLAIMS

Redfern Lake Area

Liard Mining Division, B.C.

for

AQUITAINE COMPANY OF CANADA LTD.

August, 1974

WOLLEX EXPLORATION LTD.

GEOLOGICAL CONSULTANTS

ENDORSEMENT

IN THE MATTER OF S.45 (1) of the)
Regulations Governing Assessment)
Work Under The Mineral Act of the)
Province of British Columbia)

I, HUGHES P. SALAT, of the City of Calgary, in the Province of Alberta, hereby certify as follows:

1. That I am a registered professional engineer registered by the Association of Professional Engineers for the Province of British Columbia.

2. That the survey detailed in the attached report was conducted in a systematic manner by competent, adequately trained personnel and the attached report was prepared by a qualified person working under my direction.

DATED at Calgary, in the Province of Alberta, this 10th day of March, A.D. 1975.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA

Hughes P. Salat, P. Eng.

Issue Date: September 5, 1975

CERTIFICATE

I, MURRAY W. PYKE, of the City of Calgary, in the Province of Alberta, certify as follows:

1. That I am a geologist residing at 401 Woodland Crescent, S.E., Calgary, Alberta.

2. That I have practiced my profession continuously since being graduated in Geology, from the University of Saskatchewan, Saskatoon Campus, in the Province of Saskatchewan, B.A. 1955, M.A. 1958.

3. That I am registered as a Professional Engineer in the Province of Saskatchewan.

4. That I have not directly or indirectly received or acquired any interest in the properties of Aquitaine Company of Canada Ltd., or any affiliate, nor do I beneficially own directly or indirectly any security of the Company's or any affiliate thereof.

5. That I have continuously worked in geological and mining exploration in northern Saskatchewan and the Northwest Territories for the past fifteen years.

Dated at Calgary, Alberta, this 14 day of NOVEMBER, 1974.

Murray W. Pyke, B.A., M.A., P.Eng.

TABLE OF CONTENTS

FIGURES

MAPS

3.145.4 TRI Claims (North-South) Geochem Survey Soil, Talus and Prospecting Sample Location Map
Scale: 1:6000 approximately

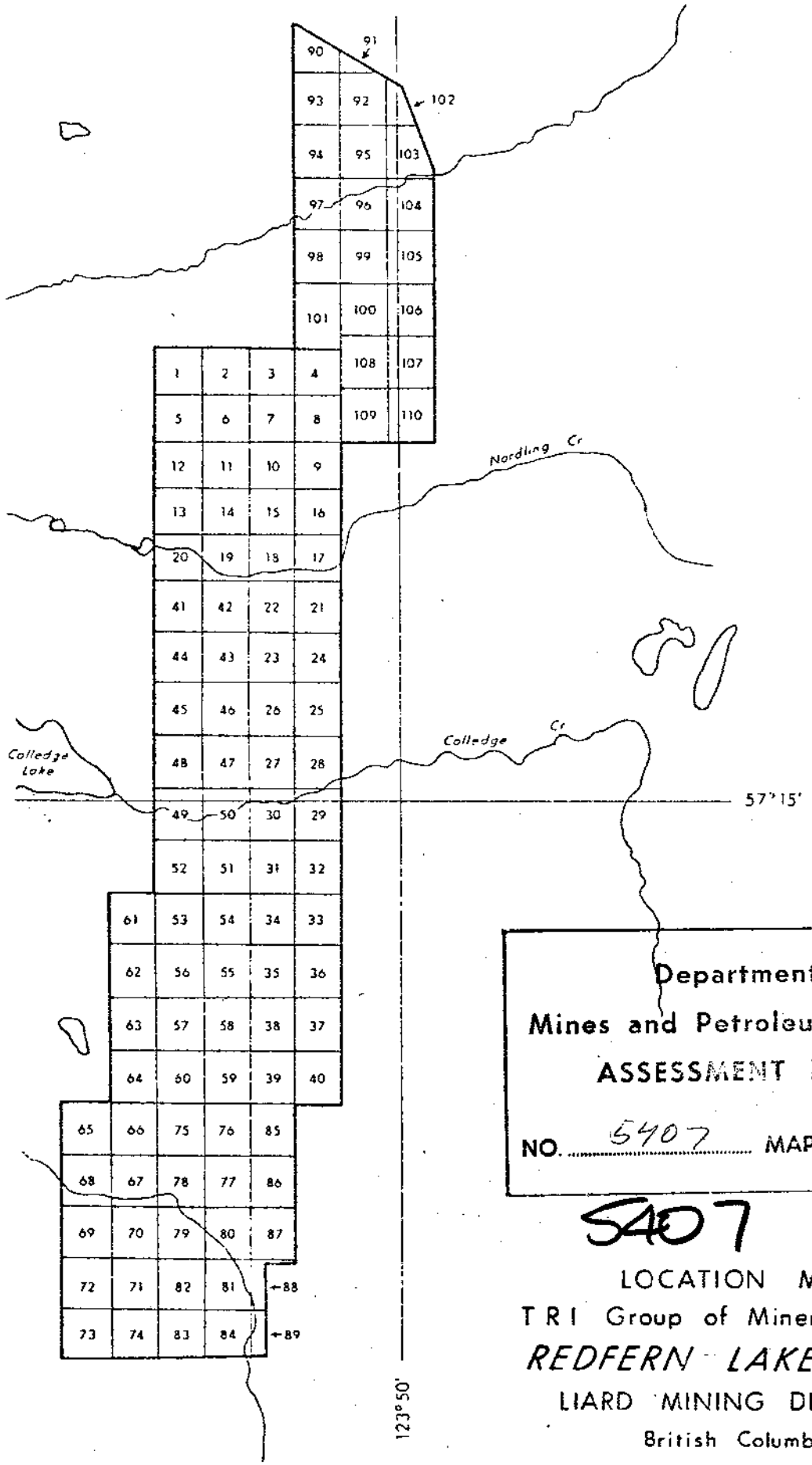
3.145.6 TRI Claims, Diagramatic Vertical Stratigraphic Section Through Galena, Sphalerite Occurrence, North of College Creek
Scale: 1" = 20'

APPENDICES

Appendix VII — TRI Group of Mineral Claims, Soil Geochemical Samples collected on 200 foot spaced lines at 100 foot intervals.

Appendix VIII — TRI Group of Mineral Claims, Soil and Talus Reconnaissance Geochemical Samples.

Appendix IX — Description of Mineralized Grab Samples collected on Reconnaissance Geochemical Sampling and Prospecting Traverses and from the College Creek Pb-Zn and Cu Occurrences. TRI Group of Mineral Claims.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5407 MAP 1

5407 MAP 1

LOCATION MAP

T R I Group of Mineral Claims

REDFERN - LAKE AREA

LIARD MINING DIVISION

British Columbia

SCALE : 1 : 50,000 (Approx.)

SUMMARY

During August, 1974, Wollex Exploration conducted a geochemical sampling, prospecting, geological mapping and trenching program for Aquitaine Company of Canada Limited on the TRI group of mineral claims located in topographic map unit 94G, Liard Mining Division, British Columbia.

A total of 800 soil and talus geochemical samples were collected from specific areas on the claim group underlain by Lower Middle Devonian Stone formations and Upper Middle Devonian Dunedin formations. The geochemical analysis was conducted separate from the field program and a discussion of these results will be presented in a supplementary report by Aquitaine Company of Canada Limited.

The prospecting program resulted in locating three types of mineralized boulders that indicate:

(1) a northeast extension of a calcite-barite-filled breccia zone containing chalcopyrite-galena-sphalerite mineralization located north of Nordling Creek.

(2) galena mineralization associated with the dolomitic sequence comprising the Stone formation underlying the east part of the claim group north of College Creek.

(3) a northern extension of galena mineralization that occurs in the Dunedin formation in the central part of the claim group north of College Creek.

INTRODUCTION

General

This report has been prepared by M.W. Pyke, B.A., M.A., P.Eng., P.Geol., of Wollex Exploration Ltd., Calgary, Alberta, and presents the field results of a geochemical sampling and prospecting program conducted on the TRI group of mineral claims, Redfern Lake Area, Liard Mining Division, British Columbia, in August, 1974, for Aquitaine Company of Canada Limited, Calgary, Alberta. The program consisted of collecting geochemical soil and talus samples, detailed and reconnaissance prospecting, detailed geological mapping, trenching, and chip sampling.

This report discusses the field techniques employed in conducting the various phases of the program, describes the soil samples and mineralized rock samples collected and presents the results of detailed geological mapping of specific mineral occurrences. The geochemical and assay analysis were conducted separate from the field program and a discussion of these results is beyond the scope of this report.

Property, Ownership, Location and Access

The TRI group of mineral claims are owned outright by Aquitaine Company of Canada Limited and are located in topographic map unit 94G.

The TRI group of 110 mineral claims comprising approximately 5720 acres form an elongated north trending block extending from Redfern Lake south to the Sikanni Chief River. College Creek located at approximately 57° 15' north latitude and 123° 52' west longitude bisects the group of mineral claims.

The claim group is within the coverage of vertical aerial photographs A 17163 - 152 to 156, inclusive, on a scale of 1:50,000 available from the Federal Government.

The property is located approximately 50 miles west northwest of Mile 163 on the Alaska Highway.

The most direct access to the property is by helicopter which may be chartered from private aircraft companies located at Fort St. John or Fort Nelson, B.C.

Redfern Lake which is centrally located approximately 5 miles north of the claim group may be reached by float-equipped aircraft available for charter from Fort St. John. From Redfern Lake the claim group is readily accessible by pack-horse which are available for rent from various hunting outfitters in the area.

For this program men and equipment were transported by wheel-equipped Cessna 180 aircraft to Besa River Outfitters Ltd. base camp located 30 miles west-northwest of a dirt airstrip situated at Mile 163 on the Alaska Highway. A packstring of 26 horses was used to move men and equipment to a field base camp located on Petrie Creek north of Redfern Lake. A Jet Ranger helicopter supplied by Aquitaine Company of Canada Limited was used to conduct the program covering the TRI group of claims. Messrs. H. Salat and B. Hriskevich of Aquitaine Company of Canada Limited assisted in the collection of geochemical samples and geological mapping.

In terms of accessibility and time, a helicopter is an absolute necessity to conduct an exploration program in this particular type of terrain, however, depending upon the type of program, costs, etc., consideration could be given to supplementing or conducting particular phases of a program using horses.

GENERAL GEOLOGY AND GEOGRAPHY

The general geology and geography of the area underlying the claim group has previously been described by Mr. H. Salat in his report covering exploration work conducted on the property in 1973 by Aquitaine Company of Canada Limited. For a description of the regional stratigraphy and structural geology the reader is referred to the above mentioned report.

PREVIOUS WORK

In the autumn of 1972 Aquitaine Company of Canada Limited staked the full contingent of 110 claims comprising the TRI group. Previous to the Company acquiring the claim group no previous work had been reported to have been conducted in the area, however, old claim posts are present at the main lead-zinc occurrence located north of College Creek.

During the summer months of 1973 Aquitaine Company of Canada Limited conducted an exploration program consisting of geological mapping, prospecting and stream sediment geochemical sampling. The results of this

program delineated areas warranting follow-up work to further delineate the economic potential of lead, zinc, and/or copper mineralization within the Stone formation (Lower Middle Devonian) and the Dunedin formation (Upper Middle Devonian) underlying the claim group.

FIELD PROGRAM

Introduction

The program conducted on the claim group during August, 1974, was designed to further evaluate the economic potential of lead-zinc-copper mineral occurrences in the Stone and Dunedin formations. On the basis of results from the 1973 exploration program specific areas, selected by Aquitaine Company of Canada Limited, were covered by geochemical soil and talus sampling and prospecting. Specific mineral occurrences were geologically mapped in detail and trenched and/or chip sampled.

Geochemical Soil and Talus Sampling

On the area selected on which detailed geochemical soil sampling was conducted, a chain and compass grid was laid out with cross lines spaced at 200 foot intervals and oriented approximately normal to the strike of the underlying formations. Soil samples were collected at 100 foot intervals at depths of from 12 to 24 inches using a prospecting grub hoe and deposited in cloth or craft paper bags that were then labelled according to claim group, sample number, and grid co-ordinate. For the purpose of achieving more precise horizontal control, the grid for each claim group and corresponding soil sample locations are plotted on transparent Herculene polyester drafting film, with a non-reproducable cross-section 10 x 10 to 1 inch grid, on a scale of 1:6000 to correspond to the scale of the vertical aerial photographs supplied by Aquitaine. Map 3.145.4 shows the location of geochemical soil samples collected from the TRI grid.

All soil samples were logged with respect to number, grid coordinates, description and depth at which they were collected. The following parameters were used in describing the soil samples:

(i) Organic - greater than 75% by volume composed of surficial plant debris.

(ii) Loam - comprised of approximately 50% dark colored, well decomposed soil material and 50% of surficial plant debris.

(iii) Clay - greater than 75% composed of fine-grained inorganic material that is sticky when moist.

(iv) Gravel - greater than 90% composed of well-rounded to angular rock fragments - ¼" or less in diameter.

(v) A combination of two or more of the above,
For example:- Clayey gravel, pebbly clay (i.e. clay with gravel), loamy clay, organic loam, etc.

Appendix VII lists the sample number, grid coordinates and description of soil geochemical samples collected on the TRI grid.

In addition to the soil geochemical samples collected on a grid basis, samples of talus fines were collected on a semi-reconnaissance basis along selected mountain slopes underlain by Stone and Dunedin formations. Samples were collected at 400 foot intervals at depths of from 12 to 15 inches along pace and compass traverse lines using aerial photograph mosaics on scales of 1:10,000 and 1:6,000 for control. Wherever possible the samples were collected from 1/2 to 2/3's down the talus fan where it may best be expected to obtain a fine, well mixed representative sample of material derived from weathered formations above. Approximately 80% of these samples consisted of talus fines with the remainder containing appreciable amounts of one or a combination of clay, loam and organic material. Appendix VIII lists the sample number and the locations of the traverse. For reasons of being repetitious, sample descriptions were not given in the log sheets, however, any irregularities in a sample, such as the presence of gossan pebbles, etc., has been noted.

A total of 800 soil and talus geochemical samples were collected during the course of the program.

Prospecting

Prospecting was conducted on the north half of the claim group in conjunction with the geochemical soil and talus sampling programs. Emphasis was placed on certain areas that may have been a probable source for known stream sediment anomalies and/or mineralized boulders. In addition detailed prospecting was conducted on the grid laid out for detailed geochemical soil sampling.

Prospecting resulted in locating boulders containing three different types of mineralization.

(1) chalcopyrite - galena - sphalerite mineralization in calcite - barite breccia.

(2) galena in Stone formation dolomitic limestone.

(3) galena in black, laminae, microcrystalline Dunedin limestone.

Appendix IX lists the location and description of representative grab samples collected from boulders representing the above three types of mineralization.

Disseminated chalcopyrite, galena and sphalerite mineralization occur in numerous boulders comprising a boulder field located at the northeast end of the reconnaissance geochemical talus sampling traverse north of Nordling Creek (c.f. Map 3.145.4.) Thirteen of the mineralized boulders were sampled (c.f. Appendix IX, Samples F-140 to F-152, inclusive.) All of the mineralized boulders observed in the boulder field consist of light grey to black angular microcrystalline limestone fragments in a vuggy calcite - barite matrix that contains varying amounts of disseminated chalcopyrite with minor chalcocite, galena and sphalerite. The nature of occurrence indicates that the boulders are close to source and represent a northeast extension of the TR-10 and TR-11 occurrence located approximately 1000 meters southwest and described in H. Salat's 1973 report for Aquitaine Company of Canada Limited.

Trace amounts of galena were observed in one of the boulders of the Stone formation dolomitic limestone located in the talus slope at the southeast corner of the TRI grid (c.f. Map 3.145.4) The boulder is composed of buff, weathering microcrystalline, fissile, grey, dolomitic limestone cut by calcite pods and lenses, parallel to the fissility, containing trace amounts of disseminated galena ranging up to 5 millimeters in diameter.

Trace amounts of very fine disseminated galena were observed in a boulder of black laminae, microcrystalline Dunedin limestone located at 27N on the baseline of the TRI geochemical soil sampling grid (c.f. Map 3.145.4) This rock type is similar to the Syringopora and laminae Stromatopora reef section with which galena - sphalerite mineralization is associated at the main College Creek occurrence located at approximately 1+75N, 12W on the TRI geochemical soil sampling grid and may represent a northern extension of this mineralized horizon.

Geological Mapping and Chip Sampling

Geological mapping and chip sampling was conducted to cover the main College Creek occurrence. (c.f. Map 3.145.4 and Map 3.145.6) from which grab sample assays collected in 1973 by Aquitaine Company of Canada Limited returned up to 2.2% lead and 13.6% zinc.

Minor amounts of disseminated galena and dark reddish brown sphalerite occur in semi-conformable calcite - barite lenses, pods and stringers confined to a Syringopora and liminae Stromatopora reef horizon of the Dunedin formation that locally strikes north and dips at shallow angles to the east. The calcite-barite-bearing zone ranges from 5 to 20 feet wide and extends over an exposed strike length of approximately 600 feet. The calcite-barite lenses and stringers vary from a fraction of an inch to 4 feet in diameter and constitute up to 30% by volume of the Syringopora and laminae Stromatopora reef horizon.

A total of 103 representative chip samples were collected in the vicinity of the main occurrence to determine the distribution and concentration of disseminated microcrystalline sphalerite that resulted in high zinc assays from grab samples collected by Aquitaine Company of Canada Limited in 1973. The chip samples were collected at 1 foot intervals normal to the bedding across the exposed portion of the main showing and vertical sections spaced 100 feet south, 50 feet south and 50 feet north of the main showing (c.f. Map 3.145.6 and Figures 4, 5, 6, 7, and 8.) Other than minor amounts of galena and sphalerite occurring in chip samples collected from the calcite-barite-bearing horizon, disseminated galena was observed in chip sample U-29 collected from the upper part of the black microcrystalline limestone horizon underlying the calcite-barite-bearing horizon. (c.f. Figures 4 and 6.)

Trenching

Two rock trenches, totalling 8 cubic yards, were excavated to expose a subcrop zone of copper mineralization expressed by numerous frost-heaved mineralized cobbles and boulders discovered by Aquitaine in 1973 approximately 120 meters east of the main College Creek occurrence (c.f. Map 3.145.4 and Figure 9.)

Both trenches exposed dark grey to black, vuggy, sheared, microcrystalline Dunedin limestone containing irregular silicified subparallel lenses and pods striking north and dipping vertically. Trench #2 exposed a 3 foot wide zone containing abundant malachite and traces of chalcocite on fracture and shear surfaces lying subparallel to the silicified lenses. Appendix IX lists the description of 3 mineralized grab samples collected from Trench #2.

The mineralized zone is located immediately adjacent to a major north-south striking fault zone and represents a subsidiary shear and fracture zone along which minor amounts of secondary copper mineralization has been introduced.

FIGURE 4

DIAGRAMATIC LONGITUDINAL SECTION SHOWING
LOCATION OF CHIP-ROCK SAMPLE VERTICAL SECTIONS
TRI Pb-Zn OCCURRANCE

NOTE: ONLY COMPLETE SECTION IS 50 FT. N. OF SHOWING

VERT. SCALE: 1" = 10'
HOR. SCALE: 1" = 25'

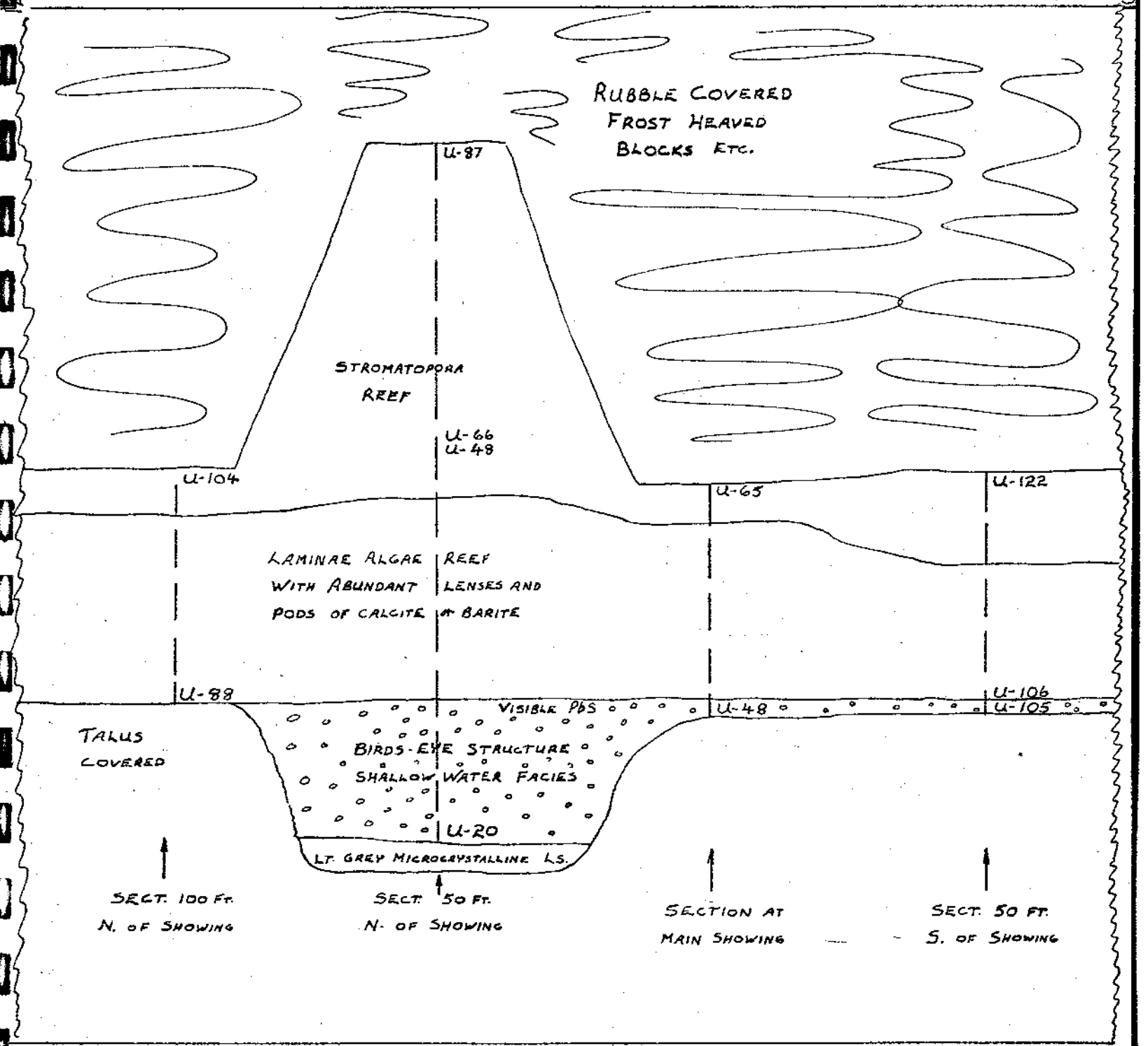


FIGURE 5

VERTICAL SECTION
100 FEET NORTH OF COLLEGE CREEK Pb-Zn
OCCURANCE SHOWING LOCATION OF CHIP-ROCK SAMPLES

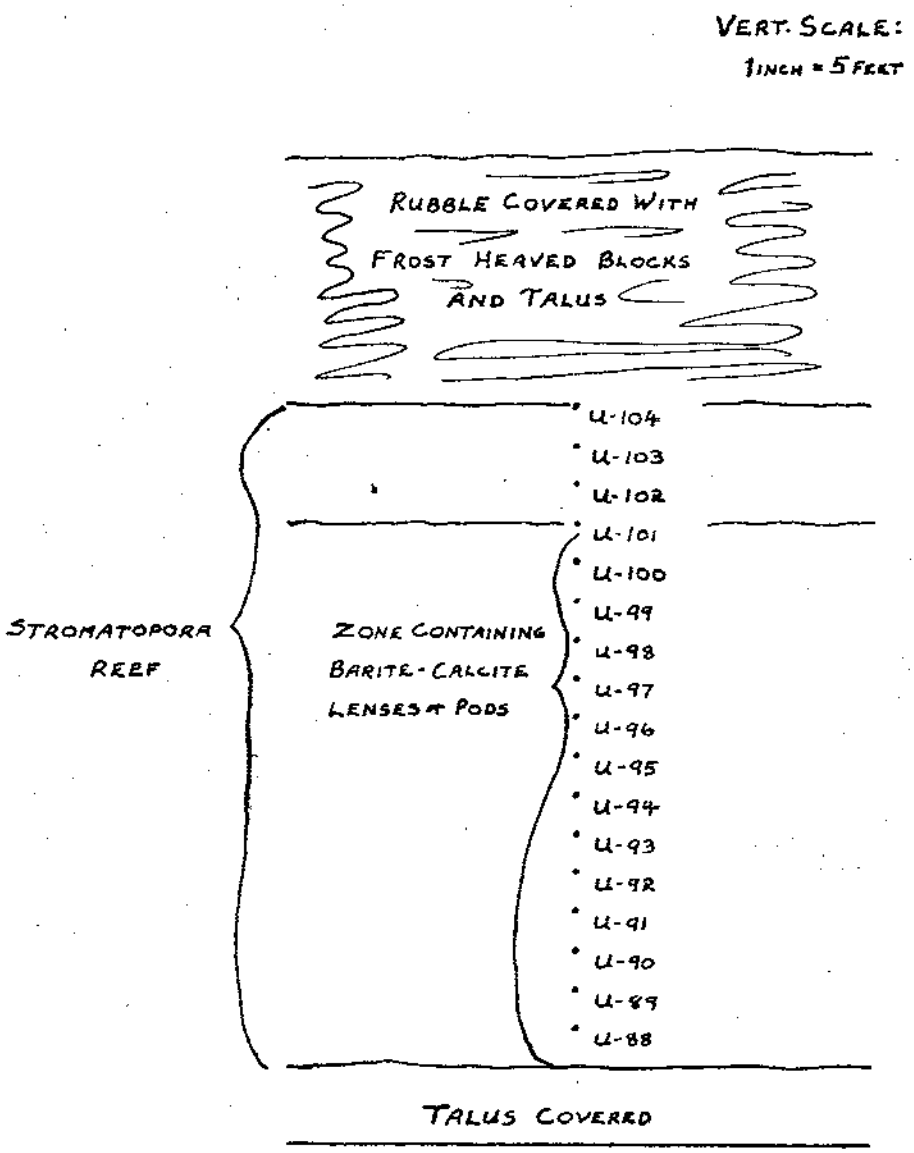


FIGURE 6

VERTICAL SECTION
50 FEET NORTH OF COLLEGE CREEK Pb-Zn
OCCURANCE SHOWING LOCATION OF CHIP-ROCK SAMPLES

VERT. SCALE:
1 INCH = 5 FEET

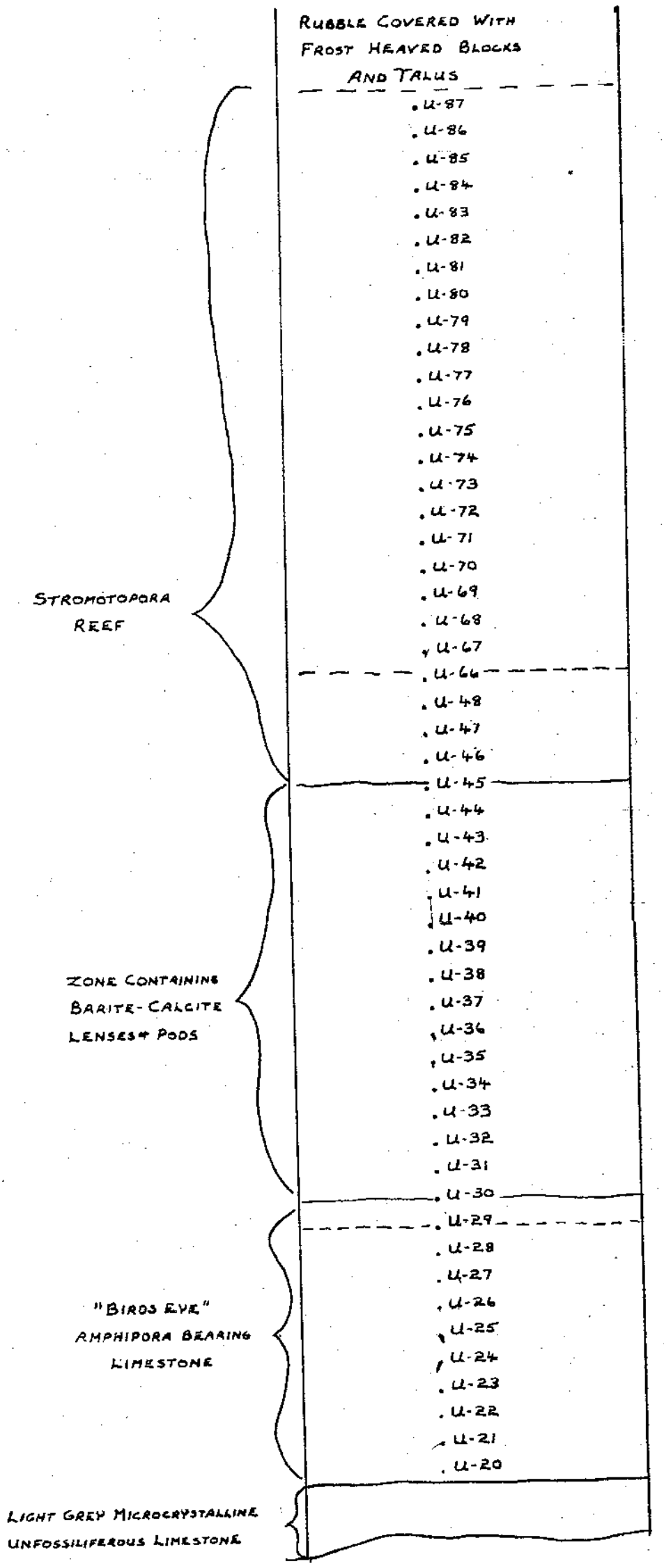


FIGURE 7

VERTICAL SECTION
THROUGH MAIN COLLEGE CREEK Pb-Zn
OCCURANCE SHOWING LOCATION OF CHIP-ROCK SAMPLES

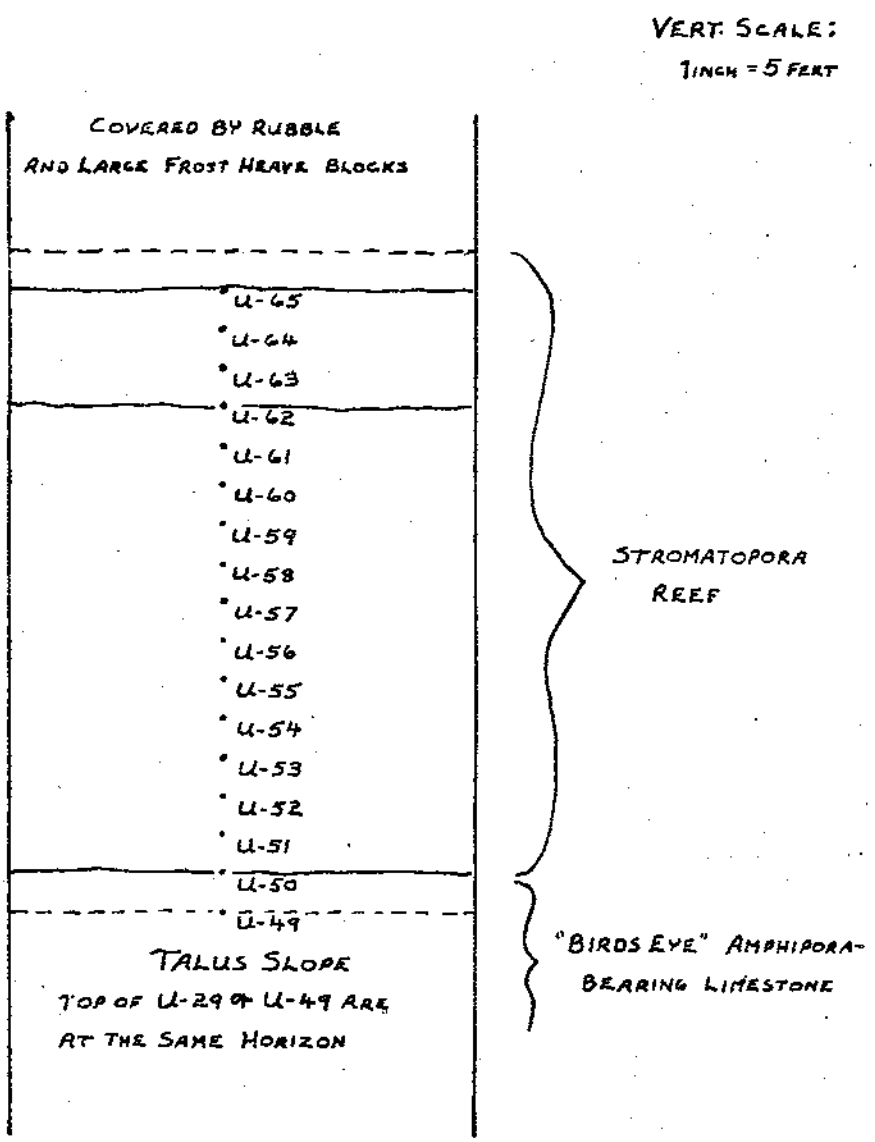


FIGURE 8

VERTICAL SECTION
50 FEET SOUTH OF COLLEGE CREEK Pb-Zn
OCCURANCE SHOWING LOCATION OF CHIP-ROCK SAMPLES

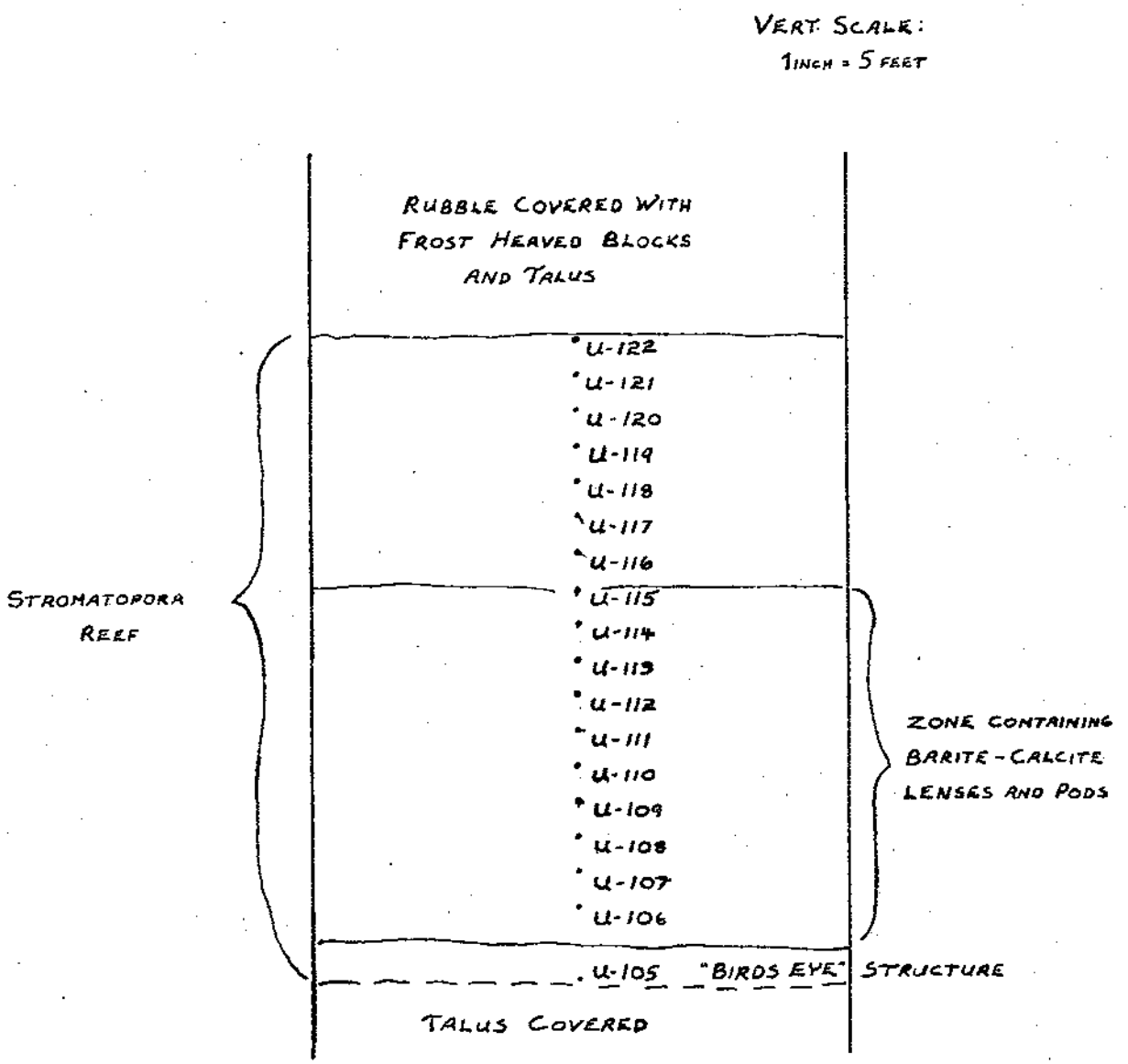
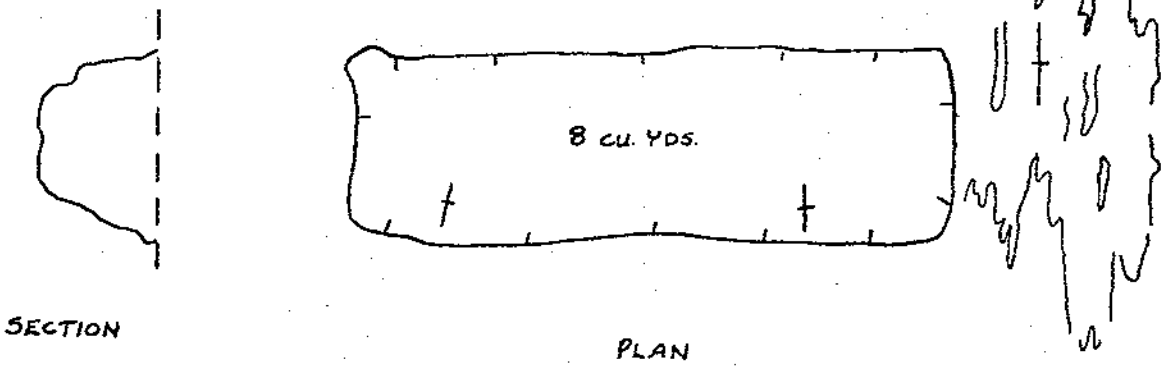


FIGURE 9

TRI CLAIMS

TRENCH #1

1+90 N 8W



SECTION

PLAN

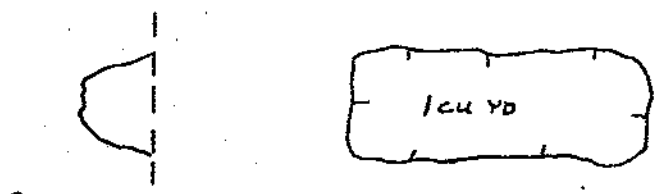
TRENCH EXPOSES DARK GREY TO BLACK MICROCRYSTALLINE LIMESTONE CONTAINING SILICIFIED IRREGULAR LENSES & PODS

SCALE:

1 INCH = 5 FEET

TRENCH #2

2N 8+10 W



SECTION

PLAN

TRENCH EXPOSES OVER LENGTH OF 3' VUGGY SILICIFIED AND HIGHLY WEATHERED DARK GREY LIMESTONE CONTAINING MALACHITE AND TRACES OF CHALCOCITE

Program Statistics, August, 1974

DATE	REMARKS	MAN DAYS
August 4, 1974	F. Cook, E. Cook - Stanley Mission, Sask. to LaRonge, Saskatchewan. N. Cozens, F. Cook, E. Cook - LaRonge, Sask. to Edmonton, Alberta.	Mobilization 5 man days
August 5	Cozens, Cook & Cook - Edmonton to Ft. St. John; M.W. Pyke - Calgary to Ft. St. John - Expedite supplies and equipment.	
August 6	Expedite equipment and supplies - Ft. St. John to Mile 163 by truck - Mile 163 to Besa River Outfitters Ltd. base camp (Cessna 180).	
August 7	Move by pack string from Besa River Outfitters Ltd. base camp to Besa River camp.	
August 24	Three reconnaissance traverses on TRI group of mineral claims - detailed mapping and prospecting of galena-sphalerite occurrences north of College Creek.	7
August 25	Complete laying out TRI grid - geochem sampling, detailed chip sampling of TRI occurrence located north of College Creek.	7
August 26	Complete detailed and reconnaissance geo-chemical sampling, detailed chip sampling of main Pb occurrence, and trenching and sampling of Cu occurrence.	7
August 28	Move men and equipment. Petrie Creek - base camp - Mile 163 - Ft. St. John.	Demobilization 6 man days
August 29	Demobilization M. Pyke - W. Unis - Ft. St. John - Calgary - N. Cozens, F. Cook, E. Cook Ft. St. John - Edmonton.	
August 29	N. Cozens, F. Cook, E. Cook - Edmonton - LaRonge - Stanley Mission, Saskatchewan.	
	TOTAL MAN DAYS	32

APPENDIX VII

TRI Group of Mineral Claims
Soil Geochemical Samples
Collected on 200' spaced lines at 100' intervals

Sample No.	Coordinates B/L	P/L	Remarks	Cu	Pb	Zn
P-1	0N	1E	Loamy clay - 18"			
2	"	2E	Pebbly clay - 12"			
3	"	3E	Light brown loamy clay - 18"			
4	"	4E	Brown loamy pebbly clay - 18"			
5	"	5E	Brown loam - 15"			
6	"	6E	Brown pebbly loam - 12"			
7	"	7E	Brown sandy clay - 18"			
8	"	8E	Brown loam - 12"			
9	"	9E	Brown loam - 12"			
10	"	10E	Pebbly clay - 12"			
11	"	11E	Brown loam - 12"			
12	"	12E	Pebbly clay - 12"			
13	"	13E	Pebbly clay - 12"			
14	"	14E	Pebbly loam - 18"			
15	"	15E	Pebbly clay - 18"			
16	"	16E	Brown loam - 18"			
17	"	17E	Pebbly loam - 12"			
18	"	18E	Pebbly clay - 12"			
19	"	19E	Brown pebbly loam - 12"			
20	"	20E	Fine brown sandy loam - 18"			
21	"	21E	Pebbly clay - 12"			
22	"	22E	Pebbly clay - 18"			
23	"	23E	Pebbly loam - 12"			
24	"	24E	Pebbly clay - 12"			
25	"	25E	Brown loam - 12"			
26	2N	30E	Fine brown sand - 12"			
27	"	29E	Pebbly clay - 18"			
28	"	28E	Black loam - 18"			
29	"	27E	Brown loam - 12"			
30	"	26E	Pebbly clay - 12"			

TRI

Sample No.	Coordinates B/L	Coordinates P/L	Remarks	Cu.	Pb.	Zn
P-31	2N	25E	Brown pebbly loam - 12"			
32	"	24E	Dark brown loam - 12"			
33	"	23E	Loamy gravel on area of outcrop - 3"			
34	"	22E	Brown organic loam - 12"			
35	"	21E	Clayey gravel - 12"			
36	"	20E	Pebbly clay - 12"			
37	"	19E	Pebbly clay - 18"			
38	"	18E	Brown loam - 12"			
39	"	17E	Pebbly clay - 12"			
40	"	16E	Pebbly clay - 12"			
41	"	15E	Clayey loam - 12"			
42	"	14E	Pebbly clay - 12"			
43	"	13E	Brown loam - 12"			
44	"	12E	Brown pebbly loam - 12"			
45	"	11E	Pebbly clay containing rusty pebbles - 12"			
46	"	10E	Brown pebbly loam - 12"			
47	"	9E	Brown loam - 12"			
48	"	8E	Brown loam - 12"			
49	"	7E	Pebbly clay - 12"			
50	"	6E	Black loam - 12"			
51	"	5E	Black loam - 18"			
52	"	4E	Pebbly clay - 12"			
53	"	3E	Brown loam - 12"			
54	"	2E	Pebbly clay - 12"			
55	"	1E	Black loam - 12"			
56	4N	1E	Brown loam - 12"			
57	"	2E	Pebbly clay - 12"			
58	"	3E	Brown pebbly loam - 12"			
59	"	4E	Pebbly clay - 12"			
60	"	5E	Clayey gravel - 12"			
61	"	6E	Pebbly clay - 18"			
62	"	7E	Pebbly clay - 18"			
63	"	8E	Brown pebbly loam - 18"			
64	"	9E	Brown loam - 12"			
65	"	10E	Pebbly clay - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-66	4N	11E	Brown pebbly loam - 12"			
67	"	12E	Pebbly loam - 12"			
68	"	13E	Pebbly loam - 12"			
69	"	14E	Pebbly brown loam - 18"			
70	"	15E	Pebbly clay - 12"			
71	"	16E	Pebbly clay - 12"			
72	"	17E	Pebbly clay - 18"			
73	"	18E	Pebbly clayey loam - 12"			
74	"	19E	Pebbly clayey loam - 18"			
75	"	20E	Pebbly loam - 18"			
76	"	21E	Brown loam - 12"			
77	"	22E	Black loam - 12"			
78	"	23E	Pebbly clay - 12"			
79	"	24E	Pebbly clay - 12"			
80	"	25E	Pebbly clay - 12"			
81	"	26E	Sandy loam - 18"			
82	"	27E	Sandy clay - 12"			
83	"	28E	Pebbly loam - 12"			
84	"	29E	Brown loam - 12"			
85	"	30E	Brown loam - 18"			
86	"	31E	Brown loam - 18"			
87	"	32E	Brown loam - 18"			
88	6N	32E	Brown loam - 18"			
89	"	31E	Pebbly clay - 18"			
90	"	30E	Sandy loam - 18"			
91	"	29E	Pebbly organic in boulder stream at 12"			
92	"	28E	Pebbly clayey organic - 12"			
93	"	27E	Brown sandy loam - 18"			
94	"	26E	Brown sandy loam - 18"			
95	"	25E	Brown loam - 18"			
96	"	24E	Sandy pebbly loam - 12"			
97	"	23E	Dark brown loam - 18"			
98	"	22E	Pebbly clay - 18"			
99	"	21E	Sandy clay - 18"			
100	"	20E	Black clayey loam - 18"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-101	6N	19E	Pebbly clay - 12"			
102	"	18E	Pebbly clay - 12"			
103	"	17E	Pebbly clay - 12"			
104	"	16E	Clayey gravel - 18"			
105	"	15E	Black loam - 18"			
106	"	14E	Pebbly clay - 18"			
107	"	13E	Clayey loam - 12"			
108	"	12E	Pebbly clay - 18"			
109	"	11E	Pebbly clay - 12"			
110	"	10E	Clay - 12"			
111	"	9E	Pebbly clayey loam - 12"			
112	"	8E	Pebbly clay - 12"			
113	"	7E	Brown pebbly loam - 12"			
114	"	6E	Brown loam - 12"			
115	"	5E	Pebbly clay - 12"			
116	"	4E	Pebbly loam - 12"			
117	"	3E	Pebbly brown loam - 12"			
118	"	2E	Pebbly brown loam - 12"			
119	"	1E	Pebbly brown loam - 12"			
120	8N	1E	Brown pebbly loam - 12"			
121	"	2E	Prown clayey loam - 12"			
122	"	3E	Pebbly brown loam - 12"			
123	"	4E	Pebbly clay - 12"			
124	"	5E	Pebbly clayey loam - 12"			
125	"	6E	Pebbly clay - 18"			
126	"	7E	Black loam - 12"			
127	"	8E	Pebbly clay - 12"			
128	"	9E	Clayey loam - 12"			
129	"	10E	Pebbly clay - 12"			
130	"	11E	Pebbly clay - 12"			
131	"	12E	Pebbly clay - 12"			
132	"	13E	Clayey pebbly loam - 12"			
133	"	14E	Pebbly clay - 12"			
134	"	15E	Pebbly clay - 12"			
135	"	16E	Pebbly clayey loam - 12"			

TRI

Sample No.	Coordinates B/L	Coordinates P/L	Remarks	Cu.	Pb.	Zn
P-136	8N	17E	Clay - 18"			
137	"	18E	Brown loam - 12"			
138	"	19E	Pebbly brown loam - 12"			
139	"	20E	Brown loam - 12"			
140	"	21E	Sandy loam - 12"			
141	"	22E	Clay - 12"			
142	"	23E	Brown loam - 12"			
143	"	24E	Brown loam - 12"			
144	"	25E	Organic in boulder field - 12"			
145	"	26E	Pebbly loamy clay - 12"			
146	"	27E	Brown loam - 12"			
147	"	28E	Sandy loam - 12"			
148	"	29E	Sandy clay - 12"			
149	"	30E	Clayey loam - 18"			
150	"	31E	Organic - 18"			
151	"	32E	Sandy loam - 12"			
152	12N	32E	Clayey loam - 18"			
153	"	31E	Clayey loam - 12"			
154	"	30E	Clay - 12" containing rusty pebbles			
155	"	29E	Brown loam - 12"			
156	"	28E	Pebbly clayey loam - 12"			
157	"	27E	Pebbly clayey loam - 18"			
158	"	26E	Pebbly clay - 12"			
159	"	25E	Clayey brown loam - 12"			
160	"	24E	Organic in area of outcrop - 4"			
161	"	23E	Pebbly loam - 12"			
162	"	22E	Clayey loam - 12"			
163	"	21E	Clayey gravel - 12"			
164	"	20E	Pebbly clayey loam - 12"			
165	"	19E	Pebbly brown loam - 12"			
166	"	18E	Pebbly clayey loam - 12"			
167	"	17E	Pebbly clayey loam - 12"			
168	"	16E	Pebbly clayey loam - 12"			
169	"	15E	Pebbly clay - 12"			
170	"	14E	Clayey pebbly loam - 12"			
171	"	13E	Black loam - 18"			
172	"	12E	Black loam - 18"			
173	"	11E	Clayey pebbly loam - 18"			
174	"	10E	Clayey pebbly loam - 18"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-175	12N	9E	Brown loam - 18"			
176	"	8E	Brown loam - 18"			
177	"	7E	Brown pebbly loam - 12"			
178	"	6E	Organic in boulder field - 10"			
179	"	5E	Pebbly clay - 12"			
180	"	4E	Brown loam - 18"			
181	"	3E	Pebbly clay - 18"			
182	"	2E	Pebbly loam - 12"			
183	"	1E	Pebbly clay - 12"			
184	14N	1E	Pebbly organic in boulder field - 10"			
185	"	2E	Clayey loam - 18"			
186	"	3E	Pebbly clay - 18"			
187	"	4E	Pebbly clay - 18"			
188	"	5E	Organic in boulder field - 12"			
189	"	6E	Pebbly clay - 12"			
190	"	7E	Loam - 12"			
191	"	8E	Pebbly clay - 12"			
192	"	9E	Clayey gravel - 12"			
193	"	10E	Clayey loam - 18"			
194	"	11E	Brown sandy loam - 12"			
195	"	12E	Loam - 18"			
196	"	13E	Pebbly clay - 18"			
197	"	14E	Pebbly clay - 12"			
198	"	15E	Brown pebbly loam - 12"			
199	"	16E	Pebbly clay - 12"			
200	"	17E	Organic in area of outcrop - 4"			
201	"	18E	Pebbly clayey loam - 18"			
202	"	19E	Pebbly organic in boulder field - 10"			
203	"	20E	Pebbly clay - 18"			
204	"	21E	Pebbly organic - 12"			
205	"	22E	Pebbly clay - 12"			
206	"	23E	Loam - 12"			
207	"	24E	Pebbly clay - 12"			
208	"	25E	Loam - 12"			
209	"	26E	Black loam - 18"			
210	"	27E	Pebbly loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-211	14N	28E	Brown loam - 18"			
212	"	29E	Sandy loam - 18"			
213	"	30E	Loam - 18"			
214	16N	30E	Brown loam - 18"			
215	"	29E	Organic in boulder field - 12"			
216	"	28E	Organic in boulder field - 12"			
217	"	27E	Loam - 18"			
218	"	26E	Pebbly organic in area of outcrop - 4"			
219	"	25E	Pebbly clay - 12"			
220	"	24E	Pebbly loam - 12"			
221	"	23E	Black loam - 18"			
222	"	22E	Pebbly clay - 12"			
223	"	21E	Pebbly loam - 12"			
224	"	20E	Pebbly loam - 12"			
225	"	19E	Pebbly organic in boulder field - 12"			
226	"	18E	Pebbly clay - 12"			
227	"	17E	Pebbly loam - 12"			
228	"	16E	Loam - 18"			
229	"	15E	Loam - 18"			
230	"	14E	Pebbly loam - 18"			
231	"	13E	Organic in boulder field - 12"			
232	"	12E	Pebbly clayey organic - 12"			
233	"	11E	Brown loam - 18"			
234	"	10E	Brown loam - 18"			
235	"	9E	Pebbly clay - 12"			
236	"	8E	Pebbly loam - 18"			
237	"	7E	Black loam - 18"			
238	"	6E	Pebbly clay - 18"			
239	"	5E	Pebbly clay - 12"			
240	"	4E	Pebbly brown loam - 12"			
241	"	3E	Clayey gravel - 12"			
242	"	2E	Pebbly clay - 12"			
243	"	1E	Pebbly loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-25	0N	0W	Clayey loam - 12"			
26	"	1W	Loam - 12"			
27	"	2W	Organic loam - 12"			
28	"	3W	Organic loam - 12"			
29	"	4W	Loam - 12"			
30	"	5W	Loam - 12"			
31	"	6W	Loam - 12"			
32	"	7W	Gravel - 12"			
33	2N	11W	Pebbly, clayey loam - 12"			
34	"	10W	Pebbly organic loam - 12"			
35	"	9W	Pebbly organic - 12"			
36	"	8W	Pebbly loam - 12"			
37	"	7W	Loam - 12"			
38	"	6W	Pebbly loam - 12"			
39	"	5W	Loam - 12"			
40	"	4W	Clayey loam - 12"			
41	"	3W	Clayey loam - 12"			
42	"	2W	Organic loam - 12"			
43	"	1W	Pebbly loam - 12"			
44	"	0W	Clay - 12"			
45	4N	0W	Loamy clay - 12"			
46	"	1W	Loam - 12"			
47	"	2W	Pebbly loam - 12"			
48	"	3W	Loam - 12"			
49	"	4W	Loam - 12"			
50	"	5W	Loam - 12"			
51	"	6W	Loam - 12"			
52	"	7W	Loam - 12"			
53	"	8W	Loam - 12"			
54	"	9W	Loam - 12"			
55	"	10W	Loam - 12"			
56	"	11W	Pebbly loam - 12"			
57	6N	11W	Organic - 12"			
58	"	10W	Clayey loam - 12"			
59	"	9W	Clayey loam - 12"			
60	"	8W	Clayey loam - 12"			

TRI

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-61	6N	7W	Clayey loam - 12"			
62	"	6W	Pebbly loam - 12"			
63	"	5W	Loam - 12"			
64	"	4W	Pebbly loam - 12"			
65	"	3W	Loam - 12"			
66	"	2W	Pebbly loam - 12"			
67	"	1W	Loam - 12"			
68	"	0W	"			
69	8N	0W	"			
70	"	1W	"			
71	"	2W	"			
72	"	3W	"			
73	"	4W	"			
74	"	5W	Pebbly loam - 12"			
75	"	6W	"			
76	"	7W	"			
77	"	8W	Clayey loam - 12"			
78	"	9W	Clayey loam - 12"			
79	"	10W	Loam - 12"			
80	"	11W	Loam - 12"			
81	"	12W	Loam - 12"			
82	"	13W	Gravel - 12"			
83	"	14W	Pebbly organic - 12"			
84	"	15W	Organic - 12"			
85	"	16W	Pebbly organic loam - 12"			
86	"	17W	Pebbly loam - 12"			
87	"	18W	Pebbly organic loam - 12"			
88	"	19W	Pebbly clay - 12"			
89	"	20W	Pebbly clay - 12"			
90	"	21W	Organic gravel - 12"			
91	"	22W	Organic loam - 12"			
92	10N	22W	Loam - 12"			
93	"	21W	Pebbly organic - 12"			
94	"	20W	Pebbly clay - 12"			
95	"	19W	Clayey gravel - 12"			

TRI

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-96	10N	18W	Clayey gravel - 12"			
97	"	17W	Gravel - 12"			
98	"	16W	Pebbly organic - 12"			
99	"	15W	Organic loam - 12"			
100	"	14W	Clayey gravel - 12"			
101	"	13W	Gravel - 12"			
102	"	12W	Clayey loam - 12"			
103	"	11W	Pebbly organic - 12"			
104	"	10W	Clayey loam - 12"			
105	"	9W	Pebbly loam - 12"			
106	"	8W	Loam - 12"			
107	"	7W	Loam - 12"			
108	"	6W	Loam -12"			
109	"	5W	Organic loam - 12"			
110	"	4W	Pebbly clay - 12"			
111	"	3W	Loamy gravel - 12"			
112	"	2W	Loam - 12"			
113	"	1W	Loam - 12"			
114	"	0W	Loam - 12"			
115	12N	0W	Pebbly loam - 12"			
116	"	1W	Clayey loam - 12"			
117	"	2W	Clay - 12"			
118	"	3W	Clayey gravel - 12"			
119	"	4W	Clay - 12"			
120	"	5W	Clay - 12"			
121	"	6W	Loam - 12"			
122	"	7W	Pebbly loam - 12"			
123	"	8W	Pebbly clayey loam - 12"			
124	"	9W	Loam - 12"			
125	"	10W	Loam - 12"			
126	"	11W	Pebbly loam - 12"			
127	"	12W	Pebbly loam - 12"			
128	"	13W	Loamy gravel - 12"			
129	"	14W	Loamy gravel - 12"			
130	"	15W	Pebbly loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-131	12N	16W	Organic gravel - 12"			
132	"	17W	Loam - 12"			
133	"	18W	Loamy gravel - 12"			
134	"	19W	Gravel - 12"			
135	"	20W	Loamy gravel - 12"			
136	"	21W	Gravel - 12"			
137	"	22W	Clayey pebbly loam - 12"			
138	"	23W	Gravel - 12"			
139	"	24W	Gravel - 12"			
140	14N	26W	Gravel - 12"			
141	"	25W	Pebbly loam - 12"			
142	"	24W	Pebbly organic - 12"			
143	"	23W	Gravel - 12"			
144	"	22W	Loamy gravel - 12"			
145	"	21W	Pebbly organic - 12"			
146	"	20W	Organic loam - 12"			
147	"	19W	Pebbly organic - 12"			
148	"	18W	Loam - 12"			
149	"	17W	Loam - 12"			
150	"	16W	Pebbly loam - 12"			
151	"	15W	Pebbly loam - 12"			
152	"	14W	Gravel - 12"			
153	"	13W	Pebbly loam - 12"			
154	"	12W	Pebbly loam - 12"			
155	"	11W	Loamy gravel - 12"			
156	"	10W	Loam - 12"			
157	"	9W	Loam - 12"			
158	"	8W	Organic loam - 12"			
159	"	7W	Pebbly loam - 12"			
160	"	6W	Pebbly organic - 12"			
161	"	5W	Pebbly loam - 12"			
162	"	4W	Pebbly organic - 12"			
163	"	3W	Pebbly loam - 12"			
164	"	2W	Loamy gravel - 12"			
165	"	1W	Loamy gravel - 12"			

TRI

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-166	14N	oW	Loamy gravel - 12"			
167	16N	oW	Pebbly loam - 12"			
168	"	1W	Loam - 12"			
169	"	2W	Loam - 12"			
170	"	3W	Loam - 12"			
171	"	4W	Loam - 12"			
172	"	5W	Loamy clay - 12"			
173	"	6W	Loam - 12"			
174	"	7W	Loam - 12"			
175	"	8W	Pebbly loam - 12"			
176	"	9W	Pebbly loam - 12"			
177	"	10W	Pebbly loam - 12"			
178	"	11W	Pebbly organic loam - 12"			
179	"	12W	Pebbly loam - 12"			
180	"	13W	Pebbly loam - 12"			
181	"	14W	Pebbly loam - 12"			
182	"	15W	Pebbly loam - 12"			
183	"	16W	Loam - 12"			
184	"	17W	Pebbly loam - 12"			
185	"	18W	Organic loam - 12"			
186	"	19W	Loamy gravel - 12"			
187	"	20W	Loamy gravel - 12"			
188	"	21W	Loamy gravel - 12"			
189	"	22W	Loamy gravel - 12"			
190	"	23W	Organic loam - 12"			
191	"	24W	Loamy gravel - 12"			
192	"	25W	Loamy gravel - 12"			
193	"	26W	Gravel - 12"			
194	"	27W	Gravel - 12"			
195	"	28W	Gravel - 12"			
196	18N	32W	Gravel - 12"			
197	"	31W	Gravel - 12"			
198	"	30W	Pebbly organic - 12"			
199	"	29W	Pebbly organic - 12"			
200	"	28W	Pebbly loam - 12"			

TRI

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-201	18N	27W	Pebbly organic - 12"			
202	"	26W	Pebbly loam - 12"			
203	"	25W	Pebbly loam - 12"			
204	"	24W	Pebbly organic loam - 12"			
205	"	23W	Loamy gravel - 12"			
206	"	22W	Loamy organic - 12"			
207	"	21W	Loamy gravel - 12"			
208	"	20W	Gravel - 12"			
209	"	19W	Loamy gravel - 12"			
210	"	18W	Pebbly organic - 12"			
211	"	17W	Pebbly clay - 12"			
212	"	16W	Pebbly loam - 12"			
213	"	15W	Loam - 12"			
214	"	14W	Organic loam - 12"			
215	"	13W	Organic - 12"			
216	"	12W	Pebbly loam - 12"			
217	"	11W	Clayey loam - 12"			
218	"	10W	Pebbly loam - 12"			
219	"	9W	Pebbly loam - 12"			
220	"	8W	Pebbly loam - 12"			
221	"	7W	Loam - 12"			
222	"	6W	Loam - 12"			
223	"	5W	Pebbly loam - 12"			
224	"	4W	"			
225	"	3W	"			
226	"	2W	"			
227	"	1W	Organic - 12"			
228	"	0W	Loam - 12"			
229	20N	0W	"			
230	"	1W	"			
231	"	2W	"			
232	"	3W	Pebbly loam - 12"			

TRI

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-233	20N	4W	Pebbly loam - 12"			
234	"	5W	Organic loam - 12"			
235	"	6W	Pebbly loam - 12"			
236	"	7W	Pebbly organic - 12"			
237	"	8W	Pebbly loam - 12"			
238	"	9W	Organic loam - 12"			
239	"	10W	Pebbly loam - 12"			
240	"	11W	Pebbly organic loam - 12"			
241	"	12W	Pebbly loam - 12"			
242	"	13W	Pebbly loam - 12"			
243	"	14W	Loam - 12"			
244	"	15W	Loam - 12"			
245	"	16W	Loam - 12"			
246	"	17W	Pebbly loam - 12"			
247	"	18W	Pebbly clay - 12"			
248	"	19W	Pebbly clay - 12"			
249	"	20W	Pebbly organic - 12"			
250	"	21W	Pebbly loam - 12"			
251	"	22W	Organic loam - 12"			
252	"	23W	Clayey loam - 12"			
253	"	24W	Pebbly clayey loam - 12"			
254	"	25W	Loam - 12"			
255	"	26W	Pebbly loam - 12"			
256	"	27W	"			
257	"	28W	"			
258	"	29W	"			
259	"	30W	"			
260	22N	30W	Loam - 12"			
261	"	29W	"			
262	"	28W	"			
263	"	27W	Pebbly loam - 12"			
264	"	26W	Pebbly loam - 12"			
265	"	25W	Loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-266	22N	24W	Loam - 12"			
267	"	23W	Pebbly clay - 12"			
268	"	22W	Organic - 12"			
269	"	21W	Loam - 12"			
270	"	20W	Loam - 12"			
271	"	19W	Pebbly loam - 12"			
272	"	18W	Pebbly loam - 12"			
273	"	17W	Loam - 12"			
274	"	16W	Pebbly loam - 12"			
275	"	15W	Clay - 12"			
276	"	14W	Clay - 12"			
277	"	13W	Pebbly organic - 12"			
278	"	12W	Loam - 12"			
279	"	11W	Pebbly loam - 12"			
280	"	10W	Loam - 12"			
281	"	9W	Loam - 12"			
282	"	8W	Pebbly loam - 12"			
283	"	7W	Loamy gravel - 12"			
284	"	6W	Loamy gravel - 12"			
285	"	5W	Pebbly organic - 12"			
286	"	4W	Pebbly organic loam - 12"			
287	"	3W	Pebbly loam - 12"			
288	"	2W	Loam - 12"			
289	"	1W	Organic - 12"			
290	"	0W	Loamy organic - 12"			
291	24N	0W	No sample - snow			
292	"	1W	Pebbly loam - 12"			
293	"	2W	Loam - 12"			
294	"	3W	Pebbly loam - 12"			
295	"	4W	Loam - 12"			
296	"	5W	Organic loam - 12"			
297	"	6W	Loam - 12"			
298	"	7W	Loam - 12"			
299	"	8W	Organic loam - 12"			
300	"	9W	Pebbly loam - 12"			

Sample No.	Coordinates B/L	Coordinates P/L	Remarks	Cu.	Pb.	Zn
B-301	24N	10W	Pebbly loam - 12"			
302	"	11W	Loamy gravel - 12"			
303	"	12W	Pebbly organic loam - 12"			
304	"	13W	Loam - 12"			
305	"	14W	Pebbly loam - 12"			
306	"	15W	Pebbly loam - 12"			
307	"	16W	Loam - 12"			
308	"	17W	Pebbly loam - 12"			
309	"	18W	"			
310	"	19W	"			
311	"	20W	"			
312	"	21W	Clayey loam - 12"			
313	"	22W	Pebbly loam - 12"			
314	"	23W	Pebbly loam - 12"			
315	"	24W	Pebbly organic - 12"			
316	"	25W	Pebbly organic loam - 12"			
317	"	26W	"			
318	"	27W	"			
319	"	28W	"			
320	"	29W	Pebbly clayey loam - 12"			
321	"	30W	Clayey loam - 12"			
322	26N	30W	Clay - 12"			
323	"	29W	Pebbly clay - 12"			
324	"	28W	Clayey loam - 12"			
325	"	27W	Loam - 12"			
326	"	26W	"			
327	"	25W	"			
328	"	24W	"			
329	"	23W	Organic loam - 12"			
330	"	22W	Loam - 12"			
331	"	21W	Organic loam - 12"			
332	"	20W	"			
333	"	19W	"			
334	"	18W	Organic gravel - 12"			
335	"	17W	Clayey loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
B-336	26N	16W	Clayey loam - 12"			
337	"	15W	Organic loam - 12"			
338	"	14W	Clayey loam - 12"			
339	"	13W	Pebbly organic - 12"			
340	"	12W	Loamy gravel - 12"			
341	"	11W	Pebbly loam - 12"			
342	"	10W	Pebbly loam - 12"			
343	"	9W	Pebbly loam - 12"			
344	"	8W	Loam - 12"			
345	"	7W	Loam - 12"			
346	"	6W	Pebbly loam - 12"			
347	"	5W	Pebbly loam - 12"			
348	"	4W	No sample due to boulders			
349	"	3W	Clayey loam - 12"			
350	"	2W	No sample due to boulders			
351	"	1W	Gravel - 12"			
352	"	0W	Clayey gravel - 12"			

Sample No.	Coordinates B/L	Coordinates P/L	Remarks	Cu.	Pb.	Zn
P-244	10N	1E	Pebbly clay -12"			
245	"	2E	Clayey loam - 12"			
246	"	3E	Pebbly clay - 18"			
247	"	4E	Black loam - 12"			
248	"	5E	Brown clayey pebbly loam - 12"			
249	"	6E	Black loam - 12"			
250	"	7E	Pebbly loam - 12"			
251	"	8E	Pebbly clay - 12"			
252	"	9E	Clayey pebbly loam - 18"			
253	"	10E	Pebbly clay - 12"			
254	"	11E	Loamy clay - 12"			
255	"	12E	Sandy loam - 12"			
256	"	13E	Pebbly clay - 18"			
257	"	14E	Pebbly clay - 12"			
258	"	15E	Pebbly clay - 12"			
259	"	16E	Loam - 18"			
260	"	17E	Pebbly clay - 12"			
261	"	18E	Sandy loam - 12"			
262	"	19E	Loamy pebbly clay - 12"			
263	"	20E	Loamy pebbly loam - 18"			
264	"	21E	Pebbly clayey loam - 18"			
265	"	22E	Clayey loam - 12"			
266	"	23E	Organic - 12"			
267	"	24E	Loamy pebbly clay - 18"			
268	"	25E	Sandy loam - 18"			
269	"	26E	Loam - 12"			
270	"	27E	Sandy loam - 12"			
271	"	28E	Sandy loam - 12"			
272	"	29E	Clayey organic - 12"			
273	"	30E	Brown loam - 12"			
274	"	31E	Sandy loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-275	18N	30E	Clayey loam - 12"			
276	"	29E	Loam - 12"			
277	"	28E	Pebbly clayey loam - 18"			
278	"	27E	Organic in boulder talus - 12"			
279	"	26E	Pebbly loam clay - 12"			
280	"	25E	Pebbly loamy clay - 12"			
281	"	24E	Organic loam - 18"			
282	"	23E	Clayey pebbly loam- 12"			
283	"	22E	Pebbly loamy clay - 12"			
284	"	21E	Clayey loam - 12"			
285	"	20E	Pebbly loamy clay - 12"			
286	"	19E	Pebbly loamy clay - 12"			
287	"	18E	Pebbly clay - 18"			
288	"	17E	Loamy pebbly clay - 12"			
289	"	16E	Loamy pebbly clay - 12"			
290	"	15E	Pebbly organic clay - 12"			
291	"	14E	Pebbly loam - 12"			
292	"	13E	Pebbly organic clay - 12"			
293	"	12E	Clayey loam - 18"			
294	"	11E	Clayey loam - 12"			
295	"	10E	Pebbly organic clay - 12"			
296	"	9E	Pebbly loam - 18"			
297	"	8E	Pebbly clay - 18"			
298	"	7E	Pebbly clay - 18"			
299	"	6E	Pebbly loam - 12"			
300	"	5E	Pebbly organic loam - 12"			
301	"	4E	Pebbly loamy clay - 12"			
302	"	3E	Clayey loam - 12"			
303	"	2E	Pebbly clay - 12"			
304	"	1E	Pebbly clay - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-305	20N	1E	Pebbly clay - 12"			
306	"	2E	Organic loam - 12"			
307	"	3E	Clayey loam - 12"			
308	"	4E	Pebbly loam - 12"			
309	"	5E	Clayey pebbly organic - 12"			
310	"	6E	Pebbly clay - 12"			
311	"	7E	Pebbly loamy clay - 12"			
312	"	8E	Pebbly clay - 12"			
313	"	9E	Pebbly loamy clay - 12"			
314	"	10E	Pebbly clay - 12"			
315	"	11E	Pebbly clay - 12"			
316	"	12E	Pebbly organic - 12"			
317	"	13E	Pebbly loamy clay - 12"			
318	"	14E	Pebbly clayey loam - 12"			
319	"	15E	Pebbly clay - 12"			
320	"	16E	Pebbly clay - 18"			
321	"	17E	Pebbly clay - 12"			
322	"	18E	Clayey loam - 12"			
323	"	19E	Clay - 12"			
324	"	20E	Loamy pebbly clay - 12"			
325	"	21E	Clayey loam - 12"			
326	"	22E	Pebbly organic clay - 12"			
327	"	23E	Loamy pebbly clay - 12"			
328	"	24E	Pebbly loam - 12"			
329	"	25E	loamy organic - 12"			
330	"	26E	Pebbly organic - 12"			
331	"	27E	Pebbly loamy clay - 12"			
332	"	28E	Loamy clay - 12"			
333	"	29E	Pebbly clay - 12"			
334	22N	28E	Clayey loam - 18"			
335	"	27E	Clayey loam - 12"			
336	"	26E	Clayey gravel - 12"			
337	"	25E	Loamy pebbly clay - 12"			
338	"	24E	Pebbly clay - 12"			
339	"	23E	Pebbly clay - 12"			
340	"	22E	Pebbly clay - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-341	22N	21E	Pebbly loam - 12"			
342	"	20E	Clayey loam - 12"			
343	"	19E	Pebbly loam - 12"			
344	"	18E	Pebbly clay - 12"			
345	"	17E	Organic -12"			
346	"	16E	Pebbly clay - 12"			
347	"	15E	Pebbly clay - 12"			
348	"	14E	Clay - 18"			
349	"	13E	Pebbly clay - 18"			
350	"	12E	Pebbly clay - 12"			
351	"	11E	Pebbly clay - 12"			
352	"	10E	Pebbly clay - 12"			
353	"	9E	Pebbly clay - 12"			
354	"	8E	Pebbly clay - 12"			
355	"	7E	Pebbly clay - 12"			
356	"	6E	Clayey loam - 18"			
357	"	5E	Black loam - 12"			
358	"	4E	Clayey loam - -2"			
359	"	3E	Pebbly clay - 12"			
360	"	2E	Organic - 8"			
361	"	1E	Pebbly clay - 12"			
362	24N	1E	Clayey gravel - 12"			
363	"	2E	Pebbly clay - 12"			
364	"	3E	Clayey loam - 12"			
365	"	4E	Pebbly organic - 12"			
366	"	5E	Clayey loam - 12"			
367	"	6E	Pebbly clayey loam - 12"			
368	"	7E	Pebbly clay - 12"			
369	"	8E	Pebbly Clay - 12"			
370	"	9E	Loamy organic - 18"			
371	"	10E	Pebbly clay - 18"			
372	"	11E	Clayey loam - 18"			
373	"	12E	Clay - 12"			
374	"	13E	Black loam - 12"			
375	"	14E	Pebbly clay - 12"			
376	"	15E	Clayey pebbly loam - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-377	24N	16E	Black loam - 12"			
378	"	17E	Clayey gravel - 12"			
379	"	18E	Pebbly loam - 12"			
380	"	19E	Pebbly clay - 12"			
381	"	20E	Pebbly clay - 12"			
382	"	21E	Pebbly loam - 12"			
383	"	22E	Pebbly loam - 12"			
384	"	23E	Pebbly loam - 12"			
385	"	24E	Pebbly loam - 12"			
386	"	25E	Pebbly loam - 12"			
387	"	26E	Pebbly loam - 12"			
388	"	27E	Clay - 12"			
389	"	28E	Pebbly clay - 12"			
390	26N	27E	Pebbly clay - 12"			
391	"	26E	Pebbly clay - 18"			
392	"	25E	Pebbly clay - 18"			
393	"	24E	Pebbly loam - 12"			
394	"	23E	Pebbly loam - 12"			
395	"	22E	Pebbly clay - 12"			
396	"	21E	Pebbly clay - 12"			
397	"	20E	Pebbly loam - 18"			
398	"	19E	Pebbly clay - 12"			
399	"	18E	Clayey loam - 12"			
400	"	17E	Black Pebbly loam - 12"			
401	"	16E	Pebbly clay - 12"			
402	"	15E	Clayey loam - 12"			
403	"	14E	Clayey loam - 18"			
404	"	13E	Black loam - 12"			
405	"	12E	Black loam - 12"			
406	"	11E	Pebbly clay - 12"			
407	"	10E	Pebbly clay - 12"			
408	"	9E	Pebbly clayey loam - 18"			
409	"	8E	Loam - 12"			
410	"	7E	Clayey organic - 12"			
411	"	6E	Pebbly clay - 12"			
412	"	5E	Pebbly organic - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
P-413	26N	4E	Pebbly loam - 12"			
414	"	3E	Pebbly clay - 12"			
415	"	2E	Pebbly clay - 12"			
416	"	1E	Clayey gravel - 12"			
417	28N	0W	Clayey gravel - 12"			
418	"	1W	Clayey gravel - 12"			
419	"	2W	Pebbly clay - 12"			
420	"	3W	Clayey gravel - 12"			
421	"	4W	Clayey gravel - 12"			
422	"	5W	Gravel - 12"			
423	"	6W	Clayey gravel - 12"			
424	30N	6W	Clayey gravel - 12"			
425	"	5W	Organic - 12"			
426	"	4W	Clayey gravel - 12"			
427	"	3W	Pebbly clay - 12"			
428	"	2W	Pebbly loam - 12"			
429	"	1W	Pebbly organic - 12"			
430	"	0W	Pebbly clay - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu.	Pb.	Zn
N-1	30N	1	Pebbly loam - 12"			
2	"	2	Loam - 12"			
3	"	3	Loamy clay - 12"			
4	"	4	Pebbly clayey loam - 12"			
5	"	5	Pebbly clayey loam - 12"			
6	"	6	Pebbly clay - 12"			
7	"	7	Loam - 12"			
8	"	8	Pebbly clay - 12"			
9	"	9	Loamy clay - 12"			
10	"	10	Pebbly clay - 12"			
11	"	11	Pebbly clay - 12"			
12	"	12	Loamy clay - 12"			
13	"	13	Pebbly clay - 12"			
14	"	14	Pebbly clay - 12"			
15	"	15	Pebbly clay - 12"			
16	"	16	Pebbly loamy clay - 12"			
17	"	17	Loamy clay - 12"			
18	"	18	Pebbly clay - 12"			
19	"	19	Pebbly clay - 12"			
20	"	20	Clayey gravel - 12"			
21	"	21	Pebbly loamy clay - 12"			
22	"	22	Pebbly loam - 12"			
23	"	23	Pebbly clay - 12"			
24	"	24	Loamy clay - 12"			
25	"	25	Pebbly clay - 12"			
26	"	26	Loam - 12"			
27	28N	26	Loam - 12"			
28	"	25	Clayey loam - 12"			
29	"	24	Pebbly loam - 12"			
30	"	23	Pebbly clay - 12"			
31	"	22	Pebbly clay - 12"			
32	"	21	Pebbly loam - 12"			
33	"	20	Clayey loam - 12"			
34	"	19	Clayey loam - 12"			
35	"	18	Pebbly clay - 12"			

Sample No.	Coordinates B/L	P/L	Remarks	Cu	Pb	Zn
N-36	28N	17E	Pebbly clay - 12"			
37	"	16E	Clayey gravel - 12"			
38	"	15E	Pebbly clay - 12"			
39	"	14E	Clayey gravel - 12"			
40	"	13E	Pebbly clay - 12"			
41	"	12E	Pebbly clay - 12"			
42	"	11E	Pebbly clay - 12"			
43	"	10E	Pebbly clay - 12"			
44	"	9E	Clayey loam -12"			
45	"	8E	Loam - 12"			
46	"	7E	Pebbly clay - 12"			
47	"	6E	Clayey gravel - 12"			
48	"	5E	Pebbly clay - 12"			
49	"	4E	Pebbly clay - 12"			
50	"	3E	Pebbly clay - 12"			
51	"	2E	Loam - 12"			
52	"	1E	Loamy clay - 12"			
54	6N	15W	Talus fines - 12"			
55	4N	15W	clayey fines - 12"			
56	2N	15W	Clayey fines - 12"			
57	0N	15W	Loamy fines - 12"			
58	0N	17W	Clayey fines - 12"			
59	2N	17W	Clayey fines - 12"			
60	4N	17W	Clayey fines - 12"			
61	6N	17W	Loamy fines - 12"			

APPENDIX VIII

TRI Group of Mineral Claims
Soil and Talus Reconnaissance Geochemical Supplies

Sample No.	Location	Remarks	Cu	Pb	Zn
F Series					
F-153	North of Nordling Creek	Talus fines collected at 400' intervals at depth of 12" to 18"			
154	"	"			
155	"	"			
156	"	"			
157	"	"			
158	"	"			
159	"	"			
160	"	"			
161	"	"			
162	"	"			
163	"	"			
164	"	"			
165	"	"			
166	"	"			
167	"	"			
168	"	"			
169	"	"			
170	"	"			

Sample No.	Location	Remarks	Cu.	Pb.	Zn
SU-62	South of Nordling Creek	Talus fines collected at 400' intervals at depth of 12" to 18"			
63	"	"			
64	"	"			
65	"	"			
66	"	"			
67	"	"			
68	"	"			
69	"	"			
70	"	"			
71	"	"			
72	"	"			
73	"	"			
74	"	"			
75	"	"			
76	"	"			
77	"	"			
78	"	"			
79	"	"			

TRI

Sample No.	Location	Remarks	Cu.	Pb.	Zn
B-1	South of College Creek	Talus fines collected at 400' intervals at depth of 12" to 18"			
2	"	"			
3	"	"			
4	"	"			
5	"	"			
6	"	"			
7	"	"			
8	"	"			
9	"	"			
10	"	"			
11	"	"			
12	"	"			
13	"	"			
14	"	"			
15	"	"			
16	"	"			
17	"	"			
18	"	"			
19	"	"			
20	"	"			
21	"	"			
22	"	"			
23	"	"			
24	"	"			

TRI

Sample No.	Location	Remarks	Cu.	Pb.	Zn
E-1	North of College Creek	Talus fines collected at 400' intervals at depth of 12" to 18"			
2	"	"			
3	"	"			
4	"	"			
5	"	"			
6	"	"			
7	"	"			
8	"	"			
9	"	"			
10	"	"			
11	"	"			
12	"	"			
13	"	"			
14	"	"			
15	"	"			
16	"	"			
17	"	"			
18	"	"			
19	"	"			
20	"	"			
21	"	"			
22	"	"			
23	"	"			

APPENDIX IX

Description of Mineralized Grab Samples
Collected on Reconnaissance Geochem Sampling and
Prospecting Traverses and from the College Creek Pb-Zn and Cu Occurrences
TRI Groups of Mineral Claims

Sample No.	Location	Remarks	Cu	Pb	Zn
F-140	North Side of Nordling Creek	boulder, light grey to black angular microcrystalline l.s. fragments in vuggy calcite barite matrix that contains tr. disseminated ch and py.			
141	"	Same as F-140			"
142	"	Boulder, black microcrystalline l.s. breccia, similiar to F-140, tr py, Cu stain and cc.			"
143	"	Same as F-142 - no cc.			"
144	"	" " F-140			"
145	"	" " F-140 1% disseminated ch			"
146	"	" " F-140 tr ch and ga			"
147	"	" " F-140 ch 1% and tr associated ga			"
148	"	" " F-140 tr Cu stain and ga			"
149	"	" " F-140 tr ga, ch 1% and associated tr black sp			"
150	"	Same as F-140 tr ch and ga.			"
151	"	" " F-140 tr ch and sp.			"
152	"	" " F-140 tr ch and ga.			"
171	South Side of Nordling Creek	Boulder massive coarse grained Barite-calcite vein, tr disseminated ga.			"
172	"	Boulder, barite-calcite vein containing tr disseminated ga cutting silicified vuggy weathering l.s.			"
173	"	Boulder, same rock type as F-172, tr disseminated ga amoung barite-calcite vein contact.			"
174	"	Boulder, massive barite-calcite containing disseminated ga.			"

Sample No.	Location	Remarks	Cu	Pb	Zn
F-175	South Side of Nordling Creek	Boulder, same as rock type as F-175, tr ga.			
E1A	North Side of College Creek	Boulder, buff weathering microcrystalline fissile light grey dalomitic l.s., calcite pod parallel to fissility containing tr blebs ga up to ¼" diameter.			
N-53	Tri grid at 27N on Bas	Boulder, black fissile microcrystalline l.s. containing very fine disseminated metallics, possibly ga.			
Tri #1	North Side of College Creek	Grab sample from main Pb-Zn occurrence, massive barite-calcite lense containing disseminated blebs of ga up to ¼" diameter.			
Tri #2, #3 and #4	North Side of College Creek	Grab samples from rock trench #2 located on Tri grid at 2N, 8 + 10W - dark grey microcrystalline vuggy silicified reefoidal l.s. - abundant malachite and tr cc.			
U-15	South Side of Nording Creek	Boulder, massive calcite-barite vein, tr disseminated ga			
U-16	"	Boulder, calcite-barite stringer containing tr disseminated ga cutting microcrystalline black limestone			
U-17	"	Boulder, calcite-barite stringers containing tr disseminated ga., cutting light grey fine-grained vuggy weathering limestone			
U-18	"	Boulder, medium grey, vuggy, fine-grained quartzite containing tr disseminated cc and ma			

CRINOID-BRACHIOPOD-RICH BACK-REEF ZONE
CLEANER TOWARDS BOTTOM OF ZONE

BLACK FINE-GRAINED MICROCRYSTALLINE REEFAL LIMESTONE - ABUNDANT STROMATOPOEA AND CORALS, PARTLY SILICIFIED

SYRINGOPORA AND LAMINAR STROMATOPORA REEF WITH COQUINA PHASES - CONTAINS UP TO 30% BY VOLUME CALCITE-BARITE, LENSES, PODS AND STRINGERS PARALLEL TO THE BEDDING WHICH LOCALLY CONTAIN MINOR AMOUNTS OF GALENA-SPHALERITE MINERALIZATION.

BLACK MICROCRYSTALLINE LIMESTONE CONTAINING "BIRDS-EYE" STRUCTURE AND AMPHIPORA

UNFOSSILIFEROUS LIGHT GREY MICROCRYSTALLINE LIMESTONE WITH MINOR INTERLAYERED REWORKED SHELL FRAGMENT BEDS

A

B

PLAN
SCALE
1" = 200'

A

B

MAIN SHOWING

--- SECTIONS GRAB SAMPLED AT 1' INTERVALS

WOLLEX EXPLORATION LTD.

TRI CLAIMS
DIAGRAMATIC VERTICAL STRATIGRAPHIC SECTION THROUGH GALENA-SPHALERITE OCCURRANCE NORTH OF COLLEGE CK.

CLIENT: AQUITAINE COMPANY OF CANADA LTD.

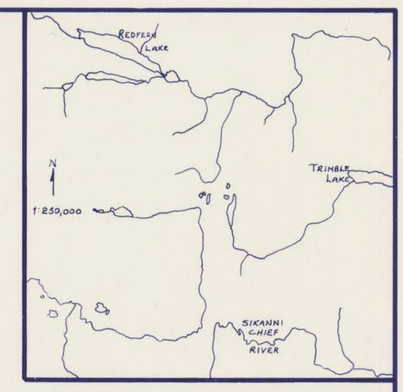
LOCATION: TRI CLAIMS 94G
REDFERN LAKE AREA
LIARD MINING DIVISION, B.C.

SCALE: 1 inch = 20 feet

DATE: AUGUST, 1974.

DRAWN BY: J.R. Gyss

MAP NO. 3.145.6



LOCATION MAP REF. 94G

NORDLING CREEK

F-(140-152) Ch ga sp Py

SYMBOLS

- P-78, N-60, F-22, E-17, Su-35, B-89 — SAMPLE LOCATIONS
- □ F-18 LOCATION OF MINERALIZED OUTCROP
- △ N-27 LOCATION OF MINERALIZED BOULDERS

Sp SPHALERITE
ga GALENA
ch CHALCOPYRITE
ba BARITE

ROCK TRENCH

TOPOGRAPHIC POSITIONING FEATURES FOR OVERLAY ON AERIAL PHOTOGRAPH 1:6000 APPROX.

MAIN COLLEGE CREEK OCCURANCE
pb Sp

COLLEGE CREEK

WOLLEX EXPLORATION LTD.

TRI CLAIMS
GEOCHEMICAL SURVEY
SOIL, TALUS, AND PROSPECTING
SAMPLE LOCATION MAP

CLIENT: AQUITAINE COMPANY OF CANADA LTD.

LOCATION: TRI CLAIMS 94G
REDFERN LAKE AREA
LIARD MINING DIVISION, B.C.

SCALE: 1:6000

DATE: AUGUST, 1974.

DRAWN BY:

MAP NO. 3.145.4