

4719

REPORT ON

GEOLOGICAL, GEOCHEMICAL SURVEY

ROSS and ROSS-ORE GROUP

SKAGIT VALLEY

NEW WESTMINSTER MINING DIVISION

LATITUDE 49° N LONGITUDE 121° W

FOR

FURY EXPLORATIONS LTD. (N.P.L.)

James R. Glass, P. Eng.

November, 1973.

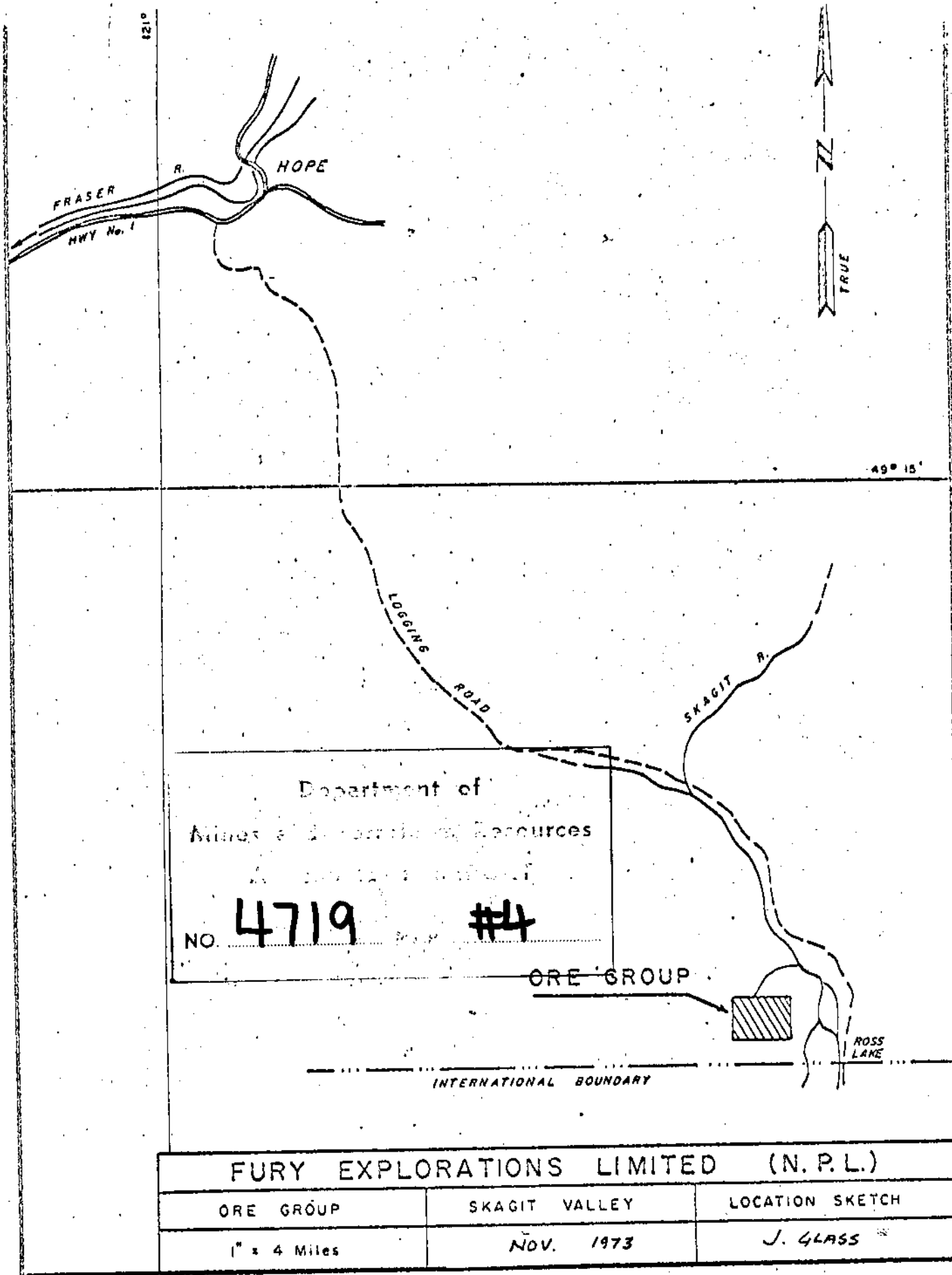
Department of
Mineral Resources
No. 4719

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SUMMARY

1.

Fury Explorations Ltd. carried out a program of exploration, x-ray diamond drilling, geological mapping and geochemical soils surveying over the Ross-Ore group of claims during the month of October, 1972.

Fury Explorations Ltd. carried out a program of reconnaissance geological mapping and reconnaissance geochemical soil sampling over the Ore and the Ross-Ore groups of claims during the month of October, 1973.

During the month of January, 1973 Mr. Joe Sullivan, P. Eng. prepared a Report on the results of the geological, geochemical work done by Fury, as well as a summary of previous work.

PROPERTY

The Ross-Ore and Ore group of claims are made up as follows:

ROSS-ORE GROUP

Record Numbers

Ross 1 & 2	28198 & 28199
Ore 1 to 6	28173 to 28178
Ore 9 to 13	28276 to 28280
Ore 17 & 20	28284 & 28287
Ore 23 to 25	28290 to 28292
Ore 26 to 41	28356 to 28371
Ore 52 to 54	28382 to 28384

ORE GROUP

Ore 7 & 8	28274 & 28277
Ore 14 to 16	28281 to 28283
Ore 18 & 19	28285 & 28286
Ore 21 & 22	28288 & 28289
Ore 42 to 51	28372 to 28381

The two groups of contiguous claims are located on Galene Creek, about 29 air miles south of Hope, British Columbia and about 1 mile west of the Skagit River, in the New Westminster Mining Division at 49° N Latitude, 121° W Longitude.

The claims are currently held by Fury Explorations Ltd. A Claims Map of scale $1'' = 3000'$ showing the grouping is included with this Report.

HISTORY

This prospect is mentioned in the Reports of the Minister of Mines, B. C. as the Silent Friend and Sunset. From 1929 to 1930 the owner, Mr. A. Robinson of Vancouver, did some surface trenching and drove a 300 foot tunnel below the main surface showing.

In 1938 Charlie Howlett, et al, Hope, B. C. were the owners. There is no record of this later group having continued the exploration.

From 1939 to 1965 the area received little attention. Later in 1966 and 1967, Bomarc Mines optioned the ground covering the exposures from Mr. Don McDonald, et al, Vancouver, B. C. After conducting geological, geochemical and magnetometer surveys "Bomarc" discovered that other parties had staked the ground prior to the optionors, thereby ending all "Bomarc" interest in the area.

In 1968, Allen Geological Engineering examined the properties at the same time that some exploration work was being conducted under the direction of a Mr. D. Williams.

In 1970, Geotronics Surveys, 602 West Hastings Street, Vancouver, conducted magnetic and electromagnetic surveys north of the main showings on behalf of Clan Holdings Ltd. of Vancouver.

In 1972 Fury Explorations acquired 6 claims by option and staked an additional 50 claims during the winter of 1972 - 1973.

GENERAL GEOLOGY

C. E. Cairnes on G. S. C. Map Sheet 737 A reports that the chief rocks underlying the claim group are Carboniferous or Permian Hazameen sediments and volcanics which are intruded by granite and granodiorite, part of the Coast Range intrusive.

LOCAL GEOLOGY

The rock types mapped on the property are:

INTRUSIVES

(A) An older granodiorite which is light in colour, lacking in Fe-Mg minerals and is characterized by its coarse crystalline structure.

Some of it is pegmatic which suggests local recrystallization.

(B) A younger quartz diorite which is Fe-Mg rich and characterized by the abundance of uniform sized biotite and quartz is found as narrow veins and veinlets in the older intrusive. Pyrite and minor chalcopyrite are found disseminated within the ferro magnesium minerals and along fracture planes. Minor magnetite - under 1.5% is felt to be secondary.

Younger ophitic dykes and veinlets containing magnetite, biotite and hornblende are seen. Only one of importance was noted, which is 6' wide, strike N 70° W on west side of property near sample S-12. No visible economic mineralization was noted in these veins.

SEDIMENTS AND VOLCANICS

Interbedded sediments and volcanics predominately dark grey to black have been recrystallized by contact metasomatism and later mineralized.

The sediments appear to be mudstones, greywackes and limestones; the volcanics are andesites.

The biotite rich mudstones have been silicified and intensely fractured. The andesite has been skarnified locally and contains some secondary magnetite. The limestone at the main showing has been intensely skarnified. Other zones of skarn have been noted.

STRUCTURE

The sedimentary and volcanic sequence occurs as roof pendants or quasi-pendants sitting on the younger intrusives. In one instance an embayment of sediments was seen.

The sediments lie in a northwesterly trending syncline, with the main showing near the nose of the structure. Locally strike and dips of sediments are difficult to measure due to the extreme metamorphism and recrystallization. The predominant and younger structure system is N 5 - 35° E, which coincides with the drainage of Galene Creek. An older subsidiary system N 70° - 90° W coincides with the axis of the major syncline.

MINERALIZATION

The main showing has the mineralogy and coarse texture of contact metamorphism. Sphalerite, lesser chalcopyrite and minor galena are the principal ore minerals. These, along with specularite, magnetite and pyrite are intimately mixed in a lime-silicate zone of garnet, quartz, epidote and carbonate. These minerals replace the hanging wall side of a limestone bed for a true width of 35 feet. Disseminated mineralization reaches out toward the footwall for at least another five feet.

Light brown limonite coats the entire surface exposure along with lesser amounts of green malachite and white zinc oxide.

There are three groups of sample results tabulated as follows:

<u>Width</u>	<u>Au o/t</u>	<u>Ag o/t</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Cd %</u>	<u>Sampler</u>
5'	0.03	2.94	1.60	0.87	20.38	0.14	Dynasty
26'	0.03	1.24	-	0.29	9.95	-	Glass
40'	0.013	1.12	0.77	0.33	6.41	-	Sullivan

The first, by an engineer from Dynasty Exploration Ltd. represents one sample across five feet.

The second, by J. R. Glass, P. Eng. represents one sample across 26 feet.

The third, by J. Sullivan, represents an average set of values for 12 samples across a true width of 40 feet.

All the samples were taken on different dates across the exposure designated as the main showing.

Minor sulphides occur in the ferro magnesium minerals of the younger intrusive rocks.

Minor lead - zinc mineralization is seen in the silicified fractured sediments near the larger geochemical anomaly.

GEOCHEMICAL SOIL SAMPLING

During October 1972 a limited geochemical soil sampling program was carried out to test the southern extension of the main showing.

Control for this survey was established by pace and compass lines along the contour of the mountain side.

Soil was gathered from the B horizon using a geological pick to dig under the organic layer. Samples were taken from a depth of approximately 8 inches. Samples were sent to the laboratory of Bondar-Clegg & Company Ltd. in Vancouver where the samples were analyzed for zinc as follows:

1. Dried in infra red dryer
2. Sieved to -80 mesh
3. Weighed on 0.5 grams
4. Digested in Laforte Aqua Regia for 3 hours
5. Bulked to 20% acid concentration and homogenized
6. Settled for 1 hour
7. Analyzed by atomic absorption in constant comparison with synthetic and matrix standards
8. Permanently recorded

During the 1973 mapping program a number of soil samples were taken using the same technique and were analyzed using the same procedure.

The results of the 1972 geochemical soil sampling are plotted on a Map of scale 1" = 200' included with this Report.

The results of the 1973 sampling are plotted on , the regional Map of scale 1" = 500'.

DISCUSSION OF RESULTS

The geochemical anomaly associated with the main showing is approximately 200' by 400' and is still open to the north. This anomaly peaks at 29,626 parts per million zinc taken from soil directly under the main showing.

Four slightly anomalous small areas are located near the ridge along strike to the southwest.

A large anomalous area is located about 1800 feet south of the main showing. This area is triangular in shape with the wide side approximately 1000 feet and the up slope side about 200 feet. The anomaly is open on the wide side. It is believed by the writer that this anomaly is caused by base metal mineralization in the altered sediments underlying this area, and that detailed follow up work should be done to delimit the area.

The samples taken during the 1973 mapping program were used to measure the general background over the granites and the sedimentary-volcanic sequences.

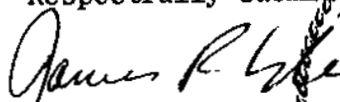
DRILLING

During October, 1972 a program of x-ray diamond drilling was attempted. Since there are no roads to the main showing a small portable drill was lifted by helicopter and set up to perform the drilling on the main showing. It was found that freezing conditions at that time of year made water supply very difficult and after only four feet of drilling there was a major equipment breakdown which aborted the entire work program. The equipment was removed.

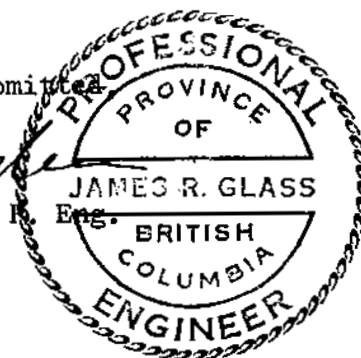
STATEMENT OF COSTS

Wages - J. R. Glass	7 dys. @ \$100.00 p/d.	\$ 700.00
J. Sullivan	1 dy. @ \$100.00 p/d.	100.00
E. Buck	8 dys. @ \$ 44.00 p/d.	355.00
M. Cloutier	5 dys. @ \$ 50.00 p/d.	250.00
J. R. Glass	10 dys. @ \$150.00 p/d.	1,500.00
P. J. Gannon	9 dys. @ \$100.00 p/d.	900.00
Flying - Helicopter		675.00
Drill Equipment -		500.00
Gasoline & equipment		25.00
Hose		79.48
Core Boxes		25.00
Geochemical Assaying		296.00
Vehicle - 1972	4 dys. @ \$35.00 p/d.	140.00
1973	8 dys. @ \$35.00 p/d.	280.00
Living Expenses - 1972 program		200.00
1973 program		184.62
		<hr/>
		\$ 6,210.10
		<hr/>

Respectfully submitted



James R. Glass, P. Eng.



TO:
FURY EXPLORATIONS LTD.
 #433 - 355 Burrard St.
 VANCOUVER, B.C.

CERTIFICATE OF ASSAY

No: 7310-0355 DATE: Oct 9th/73

We hereby certify that the following are the results of assays on: **Soil**

MARKED	GOLD	SILVER	LEAD	ZINC	COPPER	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
	(Au) PPM	(Ag) PPM	(Pb) PPM	(Zn) PPM	(Cu) PPM			
G - 1	---	2.0	60	1000	83			
G - 2	---	0.9	49	195	41			
G - 3	---	1.3	43	26	30			
G - 4	---	1.3	43	243	29			
G - 5	---	2.1	51	163	76			
S - 1	---	1.0	33	86	106			
S - 2	---	2.0	39	176	44			
S - 3	---	1.1	31	158	39			
S - 4	---	1.8	56	250	46			
S - 5	---	1.6	140	164	69			
S - 6	---	2.0	160	344	90			
S - 7	---	0.9	26	90	14			
S - 8	---	2.0	68	320	90			
S - 9	---	0.6	60	259	20			
S - 10	---	1.0	31	110	56			
S - 11	---	1.2	40	116	45			
S - 12	---	1.3	31	176	34			
S - 13	---	0.9	30	84	44			
S - 14	---	1.1	36	126	55			
SS 0- 1	0.06	1.7	49	251	55			
SS - 2	0.06	1.6	48	239	61			
SS --3	0.07	2.0	58	310	64			
SS - 4	0.05	1.4	41	250	29			
SS - 5	0.06	1.8	53	291	60			
SS - 6	0.07	2.0	109	394	66			
RR - 1	0.05	1.3	46	90	48			
R - 2	0.05	0.6	33	78	60			
DECOMPOSITION:	Pb, Zn, Cu HOT, HNO ₃ + HClO ₄				DECOMPOSITION: Au		Aqua, Regia	
PROCEDURE:	A.A.				PROCEDURE: A. A.			
HS/pn								

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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H. Sharples
H. Sharples
 PROVINCIAL ASSAYER

COPY

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

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GENERAL TESTING LABORATORIES

DIVISION: SUPERINTENDENCE COMPANY (CANADA) LTD

1001 EAST PENDER STREET, VANCOUVER 6, B.C., CANADA
 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:
FURY EXPLORATION LTD.
 #133 - 355 Burrard St.
 Vancouver, B.C.

CERTIFICATE OF ASSAY

No.: **7310-0354** DATE: **Oct 9th/73**

We hereby certify that the following are the results of assays on: **Soils**

MARKED	SILVER	LEAD	ZINC	COPPER	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	GOLD	SILVER
	(Ag) PPM	(Pb) PPM	(Zn) PPM	(Cu) PPM			OZ / ST GR / MT	OZ / ST GR / MT
TS - 1	0.8	25	44	25				
TS - 2	1.6	28	40	20				
TS - 3	0.8	30	86	24				
TS - 4	0.9	29	39	15				
TS - 5	1.2	33	69	30				
TS - 6	1.6	41	51	21				
TS - 7	1.6	39	39	29				
TS - 8	1.4	40	49	21				
TS - 9	1.1	29	35	16				
TS -10	1.3	40	63	20				
TS -11	0.4	23	24	10				
TS -12	0.9	29	34	21				
TS -13	1.3	39	21	13				
TS -14	1.1	34	66	23				
TS - 15	1.3	40	59	24				
TS - 18	0.7	29	20	10				
TS - 19	0.9	33	33	20				
TS -20	0.4	16	14	9				
TS - 21	0.8	29	21	11				
TS - 22	0.8	26	21	11				
TS - 23	1.5	39	66	31				
TS - 24	1.0	35	74	21				
TS - 25	1.5	55	184	41				
TS - 26	1.3	46	101	33				
TS - 27	2.1	63	164	63				
TS - 28	1.4	50	135	38				
TS - 29	1.6	46	85	78				
TS - 30	1.0	29	51	24				
TS - 31	1.5	40	98	91				
TS - 32	1.0	29	58	23				
TS - 33	1.3	40	84	55				
TS - 34	1.9	58	161	90				
TS - 35	1.5	45	123	59				
TS - 36	0.9	29	48	65				

RECEIVED
 OCT 10 1973
 Ans'd.....

Cont'd.....

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H. Sharples
H. Sharples

PROVINCIAL ASSAYER



Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers



GENERAL TESTING LABORATORIES

DIVISION: SUPERINTENDENCE COMPANY (CANADA) LTD.

1001 EAST PENDER STREET, VANCOUVER 6, B.C., CANADA
PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

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No.: **7310-0354** DATE: **Oct 9th/73**

Page 2

We hereby certify that the following are the results of assays on: **Soils**

MARKED	SILVER	LEAD	ZINC	COPPER	XXXXXXXXXXXXXXXXXXXX		GOLD	SILVER
	(Ag)PPM	(Pb)PPM	(Zn)PPM	(Cu)PPM			OZ/ST GR/MT	OZ/ST GR/MT
TS - 37 TS - 38	0.7 1.1	24 31	36 53	19 61				
DECOMPOSITION:	HOT, HNO ₃ + HClO ₄							
PROCEDURE:	A.A.							
HS/pm								

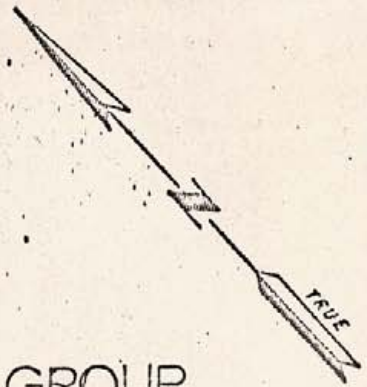
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H. Sharples
H. Sharples PROVINCIAL ASSAYER



Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers



ORE GROUP

32	33	41	43	45	47	49	51	
34	35	40	42	44	46	48	50	
36	37	9	7	8	14	15	16	
38	39	10	ROSS 1	ROSS 2	17	18	19	
			X SHOWING					
	11	1	2	20	21	22		
	12	3	4	AREA OF INTEREST		23	24	25
	13	5	6	26	27	28		
				29	30	31		
				54	53	52		

ROSS-ORE GROUP

Department of
Mines and Geological Resources
REPORT
NO. **4719** # **1**

James R. Glass

FURY EXPLORATIONS LIMITED (N.P.L.)		
ORE GROUP	SKAGIT VALLEY	CLAIM OUTLINE
1" x 3000 Feet	NOV. 1973	J. GLASS

PERSONNEL EMPLOYED AND DATES1972 Program

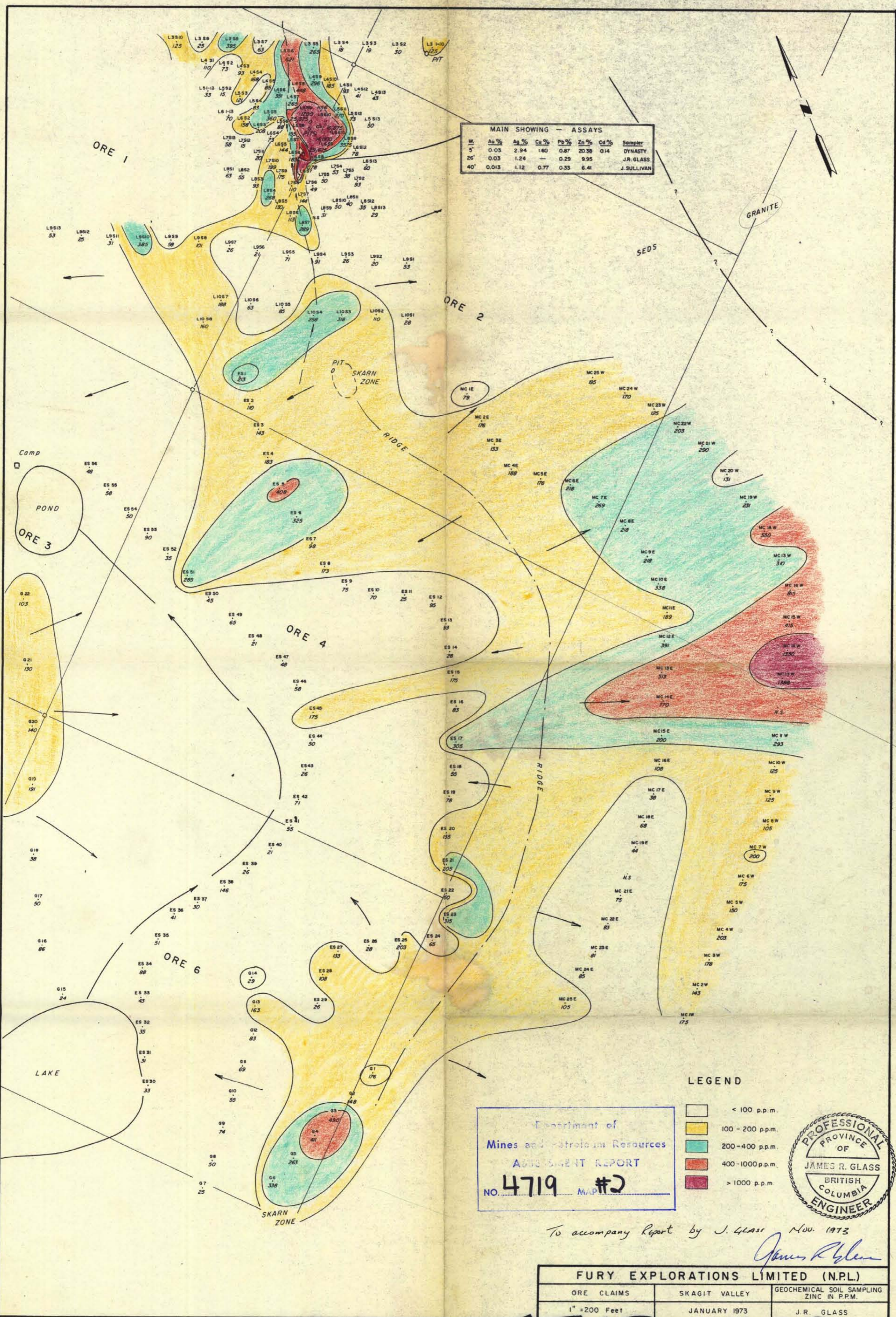
J. R. Glass	P. Eng.	October 14 - October 21, 1972
J. Sullivan	P. Eng.	December 20, 1972
E. Buck, Field Assistant		October 14 - October 21, 1972
M. Cloutier	Driller	October 14 - October 18, 1972

1973 Program

J. R. Glass	P. Eng.	September 24 - October 4, 1973
P. J. Gannon	Geologist	September 24 - October 2, 1973

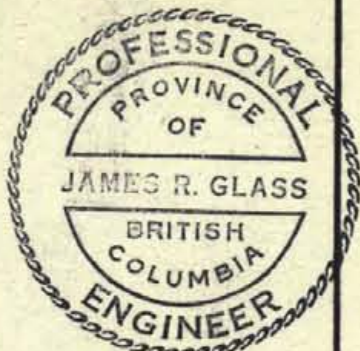
MAIN SHOWING - ASSAYS

W.	Au %	Ag %	Cu %	Pb %	Zn %	Cd %	Sampler
5'	0.03	2.94	1.80	0.87	20.38	0.14	DYNASTY
26'	0.03	1.24	—	0.29	9.95	—	J.R. GLASS
40'	0.013	1.12	0.77	0.33	6.41	—	J. SULLIVAN



Department of
Mines and Petroleum Resources
AGASSI REPORT
NO. 4719 #2

- LEGEND**
- < 100 p.p.m.
 - 100 - 200 p.p.m.
 - 200 - 400 p.p.m.
 - 400 - 1000 p.p.m.
 - > 1000 p.p.m.



To accompany Report by J. GLASS NOV. 1973
James R. Glass

FURY EXPLORATIONS LIMITED (N.P.L.)		
ORE CLAIMS	SKAGIT VALLEY	GEOCHEMICAL SOIL SAMPLING ZINC IN P.P.M.
1" = 200 Feet	JANUARY 1973	J.R. GLASS

4719-M2



017A

- LEGEND
- A GRANITE
 - B SEDIMENTS
 - C VOLCANICS
 - - - FAULT
 - TS-16 GEOCHEM SAMPLE

FURY EXPLORATIONS LTD. (NPL)
 GEOLOGY MAP
 SCALE 1 in = 500 ft NOV. 1973
 To Accompany Report by J. R. GLASS NOV. 1973.

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 4719 MAP #3



4719-M3

James R. Glass