

GEOLOGICAL & GEOCHEMICAL  
REPORT

ON THE

H (1-16), J (1-16), K (1-16) & L (1-16)  
CLAIM GROUPS

MAYO MINING DISTRICT  
YUKON TERRITORY  
CLAIM SHEET 106-C-7

LATITUDE: 64° 27' N  
LONGITUDE: ~~133° 00' W~~  
132° 56' W

FOR

HIBERNIAN INTERNATIONAL DEVELOPMENT CORPORATION LTD.

AND

OLYMPIAN INTERNATIONAL RESOURCES LTD.

BY

D.H. WAUGH, GEOLOGIST

D.H. WAUGH & ASSOCIATES LTD.  
WHITEHORSE, YUKON

JULY, 1974



This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

\$ 5985.64

*J. Bering*

Resident Geologist or  
~~Resident Mining Engineer~~

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

*[Signature]*

M. BAXTER  
Supervising Mining Recorder

*[Signature]*  
Commissioner of Yukon Territory

5985.64



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H (1-16), J (1-16), K (1-16) & L (1-16)

CLAIM GROUPS

CLAIM SHEET 106-C-7

MAYO MINING DISTRICT

JULY, 1974

D.H. WAUGH

INTRODUCTION

This report is based on the results of a preliminary geological and geochemical soil and silt sampling program conducted by D.H. Waugh & Associates Ltd. for Hibernian International Development Corporation Ltd. and Olympian International Resources Ltd. The field work was conducted during the period of June 26th, 1974 to July 2nd, 1974 on the H (1-16), J (1-16), K (1-16) and L (1-16) mineral claims.

The property is located in the Bonnet Plume - Goz Creek area of the Wernecke Mountains, Yukon Territory. Several new zinc discoveries were made in this locality by Barrier Reef Resources Ltd. and Cypress Resources Ltd. during the summer of 1973. Drilling is in progress on the Barrier Reef property and Cypress Resources property at this time.

The H,J,K,L claims are located on the north side of the Bonnet Plume River and adjoin the Cypress Resources CYR claims on the north.

The field crew, consisting of a geologist, D. Waugh, a prospector, M. Callaghan, and two soil samplers, G. Bequette and J. Hill, mapped, prospected and soil sampled the H,J,K,L claims. The crew was mobilized from Whitehorse

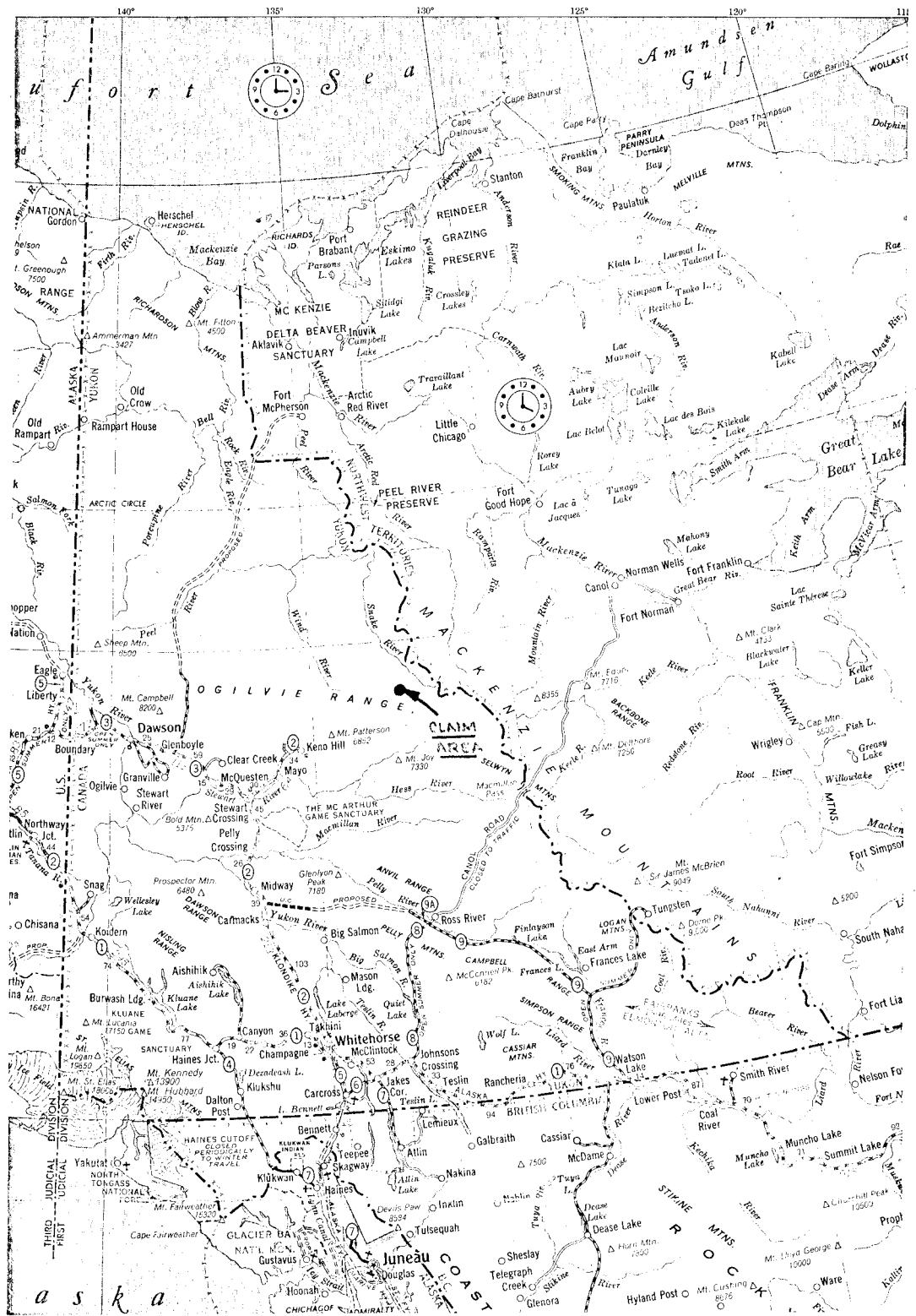
to Mayo by truck and from Mayo to Rackla Lake by float plane. A Terr-Air Jet Ranger helicopter transported the crew, equipment and supplies to the base camp on the Bonnet Plume River. Transportation from the base camp to the property was by helicopter.

This report is a description of the work, compilation of data, discussion of results, and conclusions based on the information acquired from the mapping, prospecting and soil sampling program conducted on the H,J,K,L mineral claims.

LOCATION AND ACCESS

The property is located about 8 miles northwest of the Bonnet Plume River and Goz Creek confluence on the Nadaleen River map sheet (N.T.S. 106-C) and on claim sheet 106-C-7, in the Mayo Mining District, Yukon Territory. The claims are situated 80 miles northeast of the nearest all-weather road that terminates at Keno City and approximately ~~110~~<sup>107</sup> miles from the community of Mayo. The co-ordinates of the property are: latitude 64° 27' N and longitude ~~133° 00'~~<sup>132° 56' W</sup> W.

The nearest fixed wing and helicopter base is located at Mayo. Access to the property is by helicopter from Mayo. Float planes were utilized to move the crew, equipment and supplies from Mayo to Rackla Lake. A Terr-Air, Bell 206 - Jet Ranger, helicopter based at Cypress Resources Ltd. camp, transported the crew and equipment from Rackla Lake to the base camp on the Bonnet Plume River. The field crew was flown from the base camp to the property by helicopter.



**LOCATION MAP**

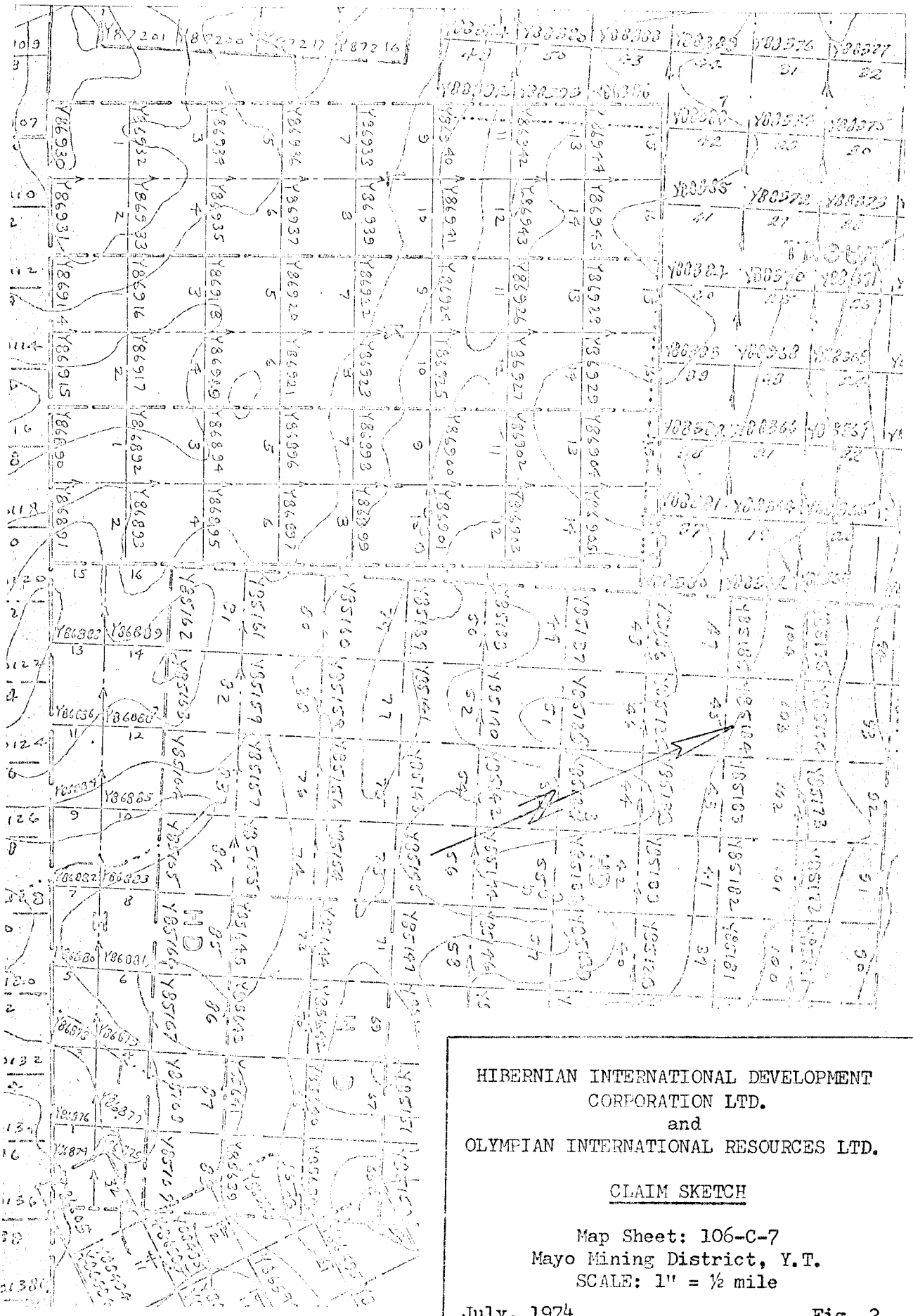
Scale: 1" = 120 miles

Fig. 1

PROPERTY AND OWNERSHIP

The H,J,K,L claims were staked in February, 1974 and comprise a block of 64 contiguous mineral claims, owned as to a 70% interest by Hibernian International Development Corporation Ltd., of 706 - 1111 West Hastings Street, Vancouver, B.C. and as to a 30% interest by Olympian International Resources Ltd., of 514 - 355 Burrard Street, Vancouver, B.C. The claims are located in the Bonnet Plume Range of the Wernecke Mountains on claim sheet 106-C-7, Mayo Mining District, Yukon Territory and are more particularly described as follows:

<u>CLAIM NAME</u>	<u>RECORD NUMBERS</u>	<u>EXPIRY DATE</u>
H # 1-16	Y86874-Y86889	Feb. 21, 1975
J # 1-16	Y86890-Y86905	Feb. 21, 1975
L # 1-16	Y86930-Y86945	Feb. 21, 1975
K # 1-16	Y86914-Y86929	Feb. 21, 1975



HIBERNIAN INTERNATIONAL DEVELOPMENT CORPORATION LTD.  
and  
OLYMPIAN INTERNATIONAL RESOURCES LTD.

CLAIM SKETCH

Map Sheet: 106-C-7  
Mayo Mining District, Y.T.  
SCALE: 1" = 1/2 mile

July, 1974

Fig. 2

TOPOGRAPHY

The H,J,K,L claims are situated in rugged mountainous terrain on the southwest flank of the Bonnet Plume Range. The property elevations range between 4,000 feet and 6,700 feet. Precipitous slopes occur on the southwestern and northeastern sections of the property, on the L,K,J claims. The property is drained by two southwest flowing creeks and their tributaries, with adequate water supply for drilling purposes.

CLIMATE & VEGETATION

The area has a continental climate characterized by low precipitation and a wide temperature range. The winters are cold and long but the short summer is generally mild with almost continuous daylight during June and July.

The summer weather in the area is extremely variable and sudden changes from warm and sunny to cool and overcast occur. Afternoon rain showers are common particularly in areas of higher elevation, and storms with snow are common in late August and early September.

Lakes generally freeze by late October and breakup occurs during the first week of June with the highest runoff resulting in June.

Temperatures and precipitation compare generally with the Mayo area although summer days are not as warm and the total precipitation is higher. The annual mean temperature is approximately 23 degrees fahrenheit and there is a total precipitation of about 20 inches. Snow cover varies with altitude and averages between 3 feet and 4 feet.

Heavy forest growth is restricted mainly to the valley floors with sparse growth extending up to 4500 feet above sea level. Areas above 4500 feet are generally devoid of timber. The property is situated predominantly above tree line with open moss covered slopes at elevations below 5000 feet. A few scattered spruce and willows are found on the lower slopes.

### HISTORY

During a 1973 regional exploration program in the Wernecke Mountains area of the Yukon Territory, Barrier Reef Resources Ltd. discovered a significant zone of zinc mineralization in the Goz Creek - Bonnet Plume River area. This discovery resulted in extensive staking and the discovery of additional zinc and some lead mineralization along a belt of Paleozoic carbonate rocks extending from Duo Creek in the southeast to the headwaters of Corn Creek in the Northwest.

Cypress resources discovered zinc-lead mineralization in late July, 1973, on their property adjoining the H,J,K,L claims to the south. The Cypress zinc-lead zone is a stratiform mineral occurrence that occurs in the upper section of a dolomite unit and mineralization has been found over a strike length of 22,000 feet.

The exploration activity in this area was limited prior to 1973. In 1967 to 1969, Bonnet Plume River Mines Ltd. carried out extensive exploration work on their copper-cobalt property 35 miles to the north on Delores Creek.

The geology of the Goz Creek - Bonnet Plume River area was sketch mapped by Dr. J.O. Wheeler of the G.S.C. in 1952. The G.S.C. recently completed a mapping program of the Nadaleen River map sheet <sup>area</sup> in 1972 and the preliminary maps were released in June, 1974.

No previous work had been conducted on the H,J,K,L claims prior to this survey.

GEOLOGY

GENERAL

The property is situated on the Nadaleen River and Goz Creek preliminary geology map sheets, 106-C and 106-C-7, mapped by the Geological Survey of Canada in 1972 and released on open file in June, 1974. The Goz Creek map area is predominantly underlain by thick sequences of sedimentary rocks ranging from Proterozoic to Paleozoic in age. The formation includes buff to reddish-brown weathering dolomites, sandy, cherty and argillaceous dolomites, massive reefoid limestone and limestone breccia, shale, slate, quartzite, siltstone and conglomerate. The general strike of the formation is northwesterly with an average dip of around 55° northeast and varies between 20° and 70°.

The Bonnet Plume Range is characterized by irregular, jagged ridges of resistive carbonate rocks and generally smoother ridges and valleys of less resistive shales.

The mineralization found on the properties of Barrier Reef and Cypress Resources is a light coloured sphalerite with minor galena. The mineralized zones are both stratiform mineral occurrences and massive sphalerite mineralization in quartz breccia. The sphalerite content varies considerably within the mineralized zones. Control of the mineralization is not fully understood but appears to be related to increases in open space cavities in the dolomites.

PROPERTY

The H,J,K,L claims are underlain by a sedimentary sequence composed of four distinct units of relatively uniform attitude and continuity. The average strike of the beds is N65°W with dips of 40° to 70° Northeast and averages about 55° NE.

The oldest formation is located on the northeast section of the J,K,L claims, situated on the northeast side of a thrust fault and includes shales, slate, limestone, chert and quartzite of Lower Cambrian and Hadrynian age. The central section of the J,K,L claims, southwest of the baseline, and the H claims, are underlain by carbonate rocks of Lower Devonian and Silurian age. The carbonate units are overlain by black shale of Devonian and Mississippian age.

The carbonate units are composed mainly of fine grained dark grey to black, massive limestone that commonly contains fossil shell fragments and coral forms. Light grey, cherty or siliceous dolomite is poorly exposed on the property near the base line on the H claims and overlies the massive limestone. Some chert and platy limestone are found with the dolomite. A poorly exposed fossiliferous, massive to platy limestone unit overlies the dolomite and underlies the black shale on the J,K,L claims.

The limestone breccia is a fine grained black rock cemented by white calcite. The dark grey to black limestone, fossiliferous limestone and limestone breccia are grey weathering. The light grey, siliceous to cherty dolomite unit is buff coloured on the weathered surface.

No zinc mineralization was observed in the dolomite or limestone examined on the property. A pyritic zone of approximately 200 feet in thickness is located in the black shale unit on the J,K,L claims and weathers a bright rusty-red colour.

Rock exposures on the claim group are mainly confined to the creek channels and bluffs at higher elevations. Outcrop exposures of the massive grey limestone unit located along the extreme southwestern section of the property are almost continuous but were not examined due to a fresh snowfall on the property on June 31st and the rugged precipitous terrain at this location.



GEOCHEMICAL SURVEY

A total of 498 soil samples and 24 silt samples were collected from the grid lines, base line and creeks during the June-July, 1974 geochemical survey on the H,J,K,L claims. The samples were sent to the Whitehorse Assay Office, Whitehorse, Yukon to be analyzed for lead and zinc by the hot acid extraction and atomic absorption method.

SURVEY METHOD

A base line bearing 293° was established on the H claim group extending from the southeast end of the property a distance of 10,000 feet to the northeast<sup>west</sup>. The base line was offset approximately 3,000 feet north and 1,400 feet west from station 10,000 West and extended northeast at a bearing of 293° for a distance of 8,800 feet on the J,K,L claim groups. The base line was chained at 200 foot intervals and stations marked by flagging with grid co-ordinates. Chain and compass grid lines were turned off the base line at right angles at 800 foot intervals. Grid lines were extended to the north and south 800 feet and 1000 feet on the southeast section of the grid. Grid lines on the northwest section of the property were extended north and south to the limits of the soil covered terrain. Line 130 W was extended to the north boundary of the property for geological information.

Extensive talus, lack of soil and precipitous slopes limited the area of soil sample coverage on the J,K,L claims to the south of the base line in the extreme southwest section of the property.

Samples were collected at 200 foot intervals from the grid lines and base line. The soil is generally immature and of the skeletal variety, lacking or having a poorly developed "B" horizon. The "C" horizon consists of a sandy-clay material containing abundant rock fragments. Soil samples were usually collected from the "C" horizon by mattocks and placed in water resistant Kraft bags and labeled by grid co-ordinates.

The samples were dried and seived to a minus 80 mesh. A one gram sample of the minus 80 fraction was digested in hot nitric acid and potassium perchloric acid bath. The digested sample was bulked to 20 c.c. and analysis made for lead and zinc by the atomic absorption method with readings reported in parts per million.

Silt sample were collected from the drainage of the H,J,K,L claims at 24 sample sites from the active stream flow of the creek beds.

#### DISCUSSION OF RESULTS

The lead and zinc values were reported in parts per million and zinc values are plotted on plan maps, Figures # 4 and # 5.

Lead values are generally low for the survey area and the calculated median value for lead is 20 p.p.m. with values ranging between 4 p.p.m. and 84 p.p.m. No anomalous lead zones are indicated.

Zinc values are generally high over the section of the survey area underlain by the dolomitized unit of the

carbonate sequence. Zinc values over the black shales are in the average range of normal background values and range from a low of 8 p.p.m. to isolated high values up to 1440 p.p.m. in the pyritized strata.

An anomalous zinc zone is outlined along the base line and to the south of the base line on the J,K,L claims. Values range to a high of 6048 p.p.m. located at station 200+00 W on the base line. The anomalous zinc zone is extensively overburden covered by moss, residual soil and talus, and is underlain by a cherty dolomite.


The zinc values on the H claims in the east section of the survey are considered moderately anomalous in isolated locations. Values on the H claims range from a low of 112 p.p.m. to a high of 2208 p.p.m. at station 4 N on line 80 W. The H claims are mainly underlain by limestone and cherty dolomite with lesser chert and calcareous shale.

CONCLUSIONS AND RECOMMENDATIONS

The preliminary geological and geochemical survey on the H,J,K,L claims outlined an anomalous zinc zone underlain by cherty dolomite in the southwest section of the property. This anomaly is located in an extensively covered overburden area where present geological information is limited. The zone extends almost continuously over a length exceeding 8,800 feet with an average width of approximately 1,500 feet. Limited prospecting was conducted in the southwest section of the property and the source of the zinc anomaly is unknown.

Additional soil sampling on a 400 foot grid spacing and 100 foot sample interval with detailed mapping and prospecting are recommended over the anomalous zone outlined in the preliminary survey on the J,K,L claims. The estimated cost of this work would be about \$5,000.00. The purpose of this work is to delineate the anomalous zone in greater detail and attempt to discover the source of the anomaly in the underlying bedrock.

Respectfully submitted

  
DAVID H. WAUGH

APPENDICES

LIST OF PERSONNEL EMPLOYED ON SURVEY

The following is a list of personnel employed on the geological and geochemical survey conducted on the H,J,K and L mineral claims, map sheet 106-C-7, Yukon Territory, during the period June 26th to July 2nd, 1974.

D.H. WAUGH 84 Teslin Road Whitehorse, Y.T.	-----	Project supervision, geological mapping, report preparation
M. CALLAGHAN 13 Aishihik Rd. Whitehorse, Y.T.	-----	Prospecting & sampling
G. BEQUETTE c/o Room 10 Airport Terminal Whitehorse, Y.T.	-----	Soil sampling
J. HILL c/o Room 10 Airport Terminal Whitehorse, Y.T.	-----	Soil sampling
TERRITORIAL AIRWAYS LTD. Ross River, Y.T.	-----	Fixed and rotary wing aircraft charter service
YUKON AIRWAYS LTD. Whitehorse, Y.T.	-----	Fixed wing aircraft charter service
WHITEHORSE ASSAY OFFICE Whitehorse, Y.T.	-----	Analytical service
D.H. WAUGH & ASSOC. LTD. Room 10 Airport Terminal Whitehorse, Y.T.	-----	Project management, equipment rental & camp maintenance, report preparation

- APPENDIX II -

STATEMENT OF EXPENDITURES

LABOUR

GEOLOGIST - 7 man days @ \$100.00/day	\$ 700.00	
PROSPECTOR/SOIL SAMPLER -		
7 man days @ \$ 60.00/day	420.00	
SOIL SAMPLERS -		
14 man days @ \$ 50.00/day	<u>700.00</u>	
	\$1,820.00	\$1,820.00

TRANSPORTATION

ROTARY WING - 4.5 hours @ \$330.00/hr.		
Fuel and crew expenses incl.	\$1,485.00	
FIXED WING -		
Terr-Air Husky	560.64	
Yukon Air Cessna	40.00	
HIGHWAY - Company truck rental		
1 week @ \$150.00/week	<u>150.00</u>	
	\$2,235.64	\$2,235.64

ASSAYING

520 soil samples @ \$1.50/sample		\$ 780.00
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FIELD SUPPORT

CAMP MAINTENANCE -		
28 man days @ \$15.00/day	\$ 420.00	
EQUIPMENT RENTAL -		
7 days @ \$ 15.00/day	105.00	
EXPEDITING SERVICES -		
1 week at \$125.00/week	<u>125.00</u>	
	\$ 650.00	\$ 650.00

DATA PREPARATION, DRAFTING, REPORT

Geologist's report		<u>\$ 500.00</u>
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TOTAL EXPENDITURES		\$5,985.64
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D. H. WAUGH & ASSOCIATES LTD.

PRESIDENT: D.H. WAUGH, GEOLOGIST

Rm. 10, AIRPORT TERMINAL BLDG., WHITEHORSE, YUKON, Y1A 3S4  
BUS. (403) 668-5690 RES. (403) 667-7529

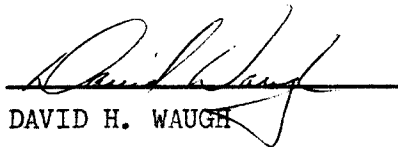
- APPENDIX III -

CERTIFICATION

I, DAVID H. WAUGH, of residential address 84 Teslin Road, in the city of Whitehorse, Yukon Territory, do hereby state:

1. I am a self employed geologist and president of D.H. WAUGH & ASSOCIATES LTD., with business address Room 10, Airport Terminal Building, Whitehorse, Yukon Territory.
2. I was educated in the geological sciences at Michigan College of Mining and Technology.
3. I have practised my profession as a geologist in the field of mining exploration and development for the past 9 years.
4. The information in this report represents the findings of the survey conducted under my direction on the H,J,K and L mineral claims during the period June 26<sup>th</sup> to July 2nd, 1974.

Dated at WHITEHORSE in the YUKON TERRITORY  
this 26th day of AUGUST, 1974.

  
DAVID H. WAUGH

D. H. WAUGH & ASSOCIATES LTD.

PRESIDENT: D.H. WAUGH, GEOLOGIST


Rm. 10, AIRPORT TERMINAL BLDG., WHITEHORSE, YUKON, Y1A 3S4  
BUS. (403) 668-5690 RES. (403) 667-7529

AFFIDAVIT

I, DAVID H. WAUGH, of D.H. Waugh & Associates Ltd. of Room 10, Airport Terminal Building, Whitehorse, Yukon Territory make oath and state:

1. That I personally supervised the geological and geochemical survey conducted by D.H. Waugh & Associates Ltd. on behalf of HIBERNIAN INTERNATIONAL DEVELOPMENT CORPORATION LTD., 706 - 1111 West Hastings Street, Vancouver, B.C. and OLYMPIAN INTERNATIONAL RESOURCES LTD., 514 - 355 Burrard Street, Vancouver, B.C. on the H,J,K and L mineral claims during the period June 26 to July 2, 1974.
2. That the expenditures incurred on the said survey, as outlined on the statement of expenditures herewith attached, are, to the best of my belief and knowledge, true and exact.

Sworn and subscribed before me  
at WHITEHORSE in the  
YUKON TERRITORY this  
26th day of AUGUST, 1974.

  
DAVID H. WAUGH



NOTARY PUBLIC

TROUT

HIBERNIAN INTERNATIONAL DEVELOPMENT CORPORATION LTD.  
AND  
OLYMPIAN INTERNATIONAL RESOURCES LTD.

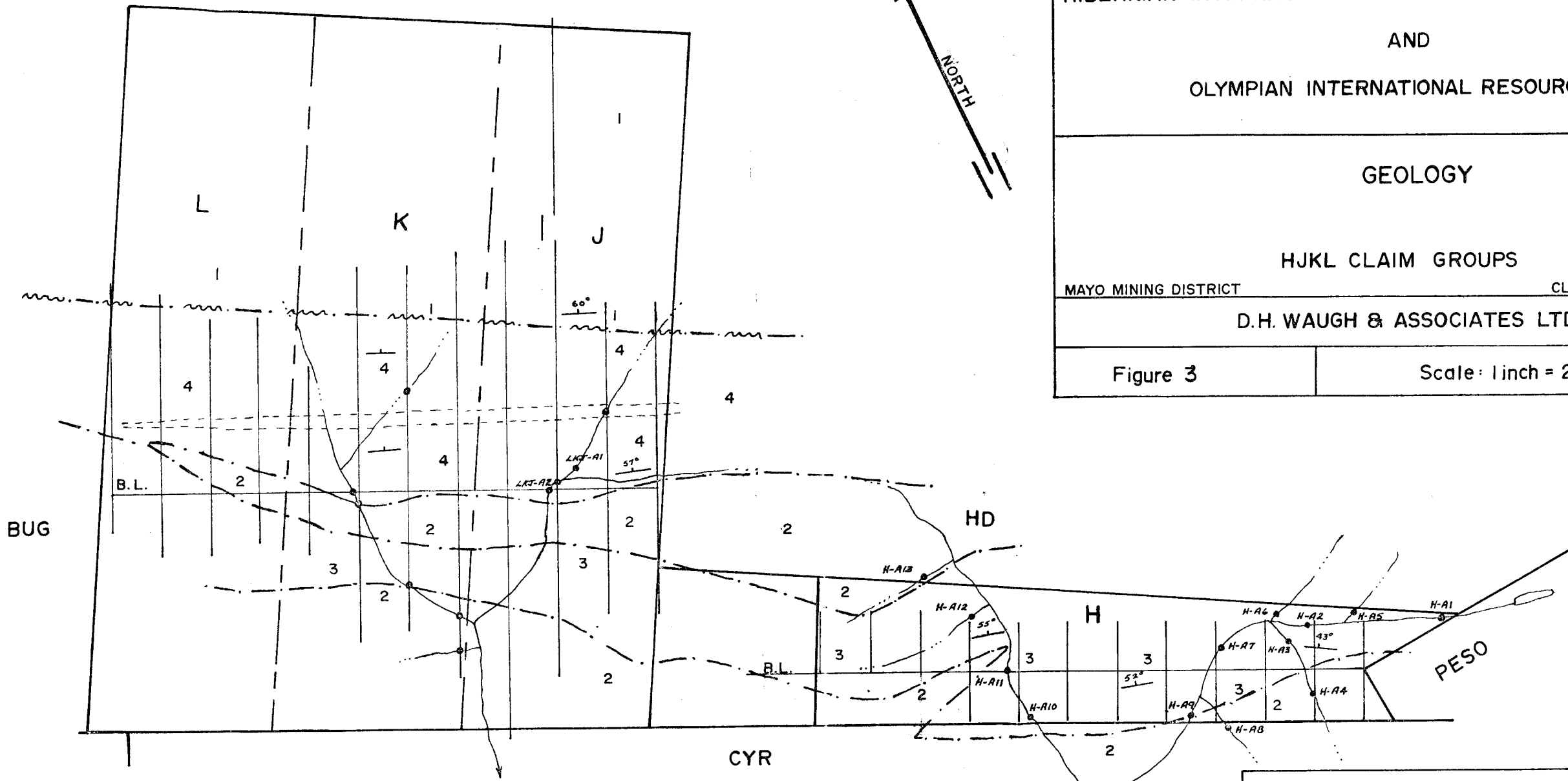
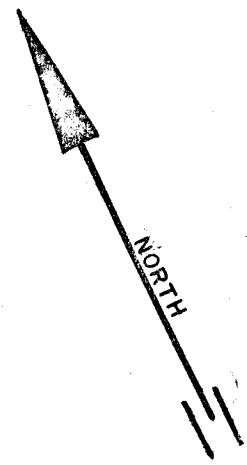
GEOLOGY

HJKL CLAIM GROUPS

MAYO MINING DISTRICT CLAIM SHEET 106-C-7

D.H. WAUGH & ASSOCIATES LTD. JULY 1974

Figure 3 Scale: 1 inch = 2000 feet

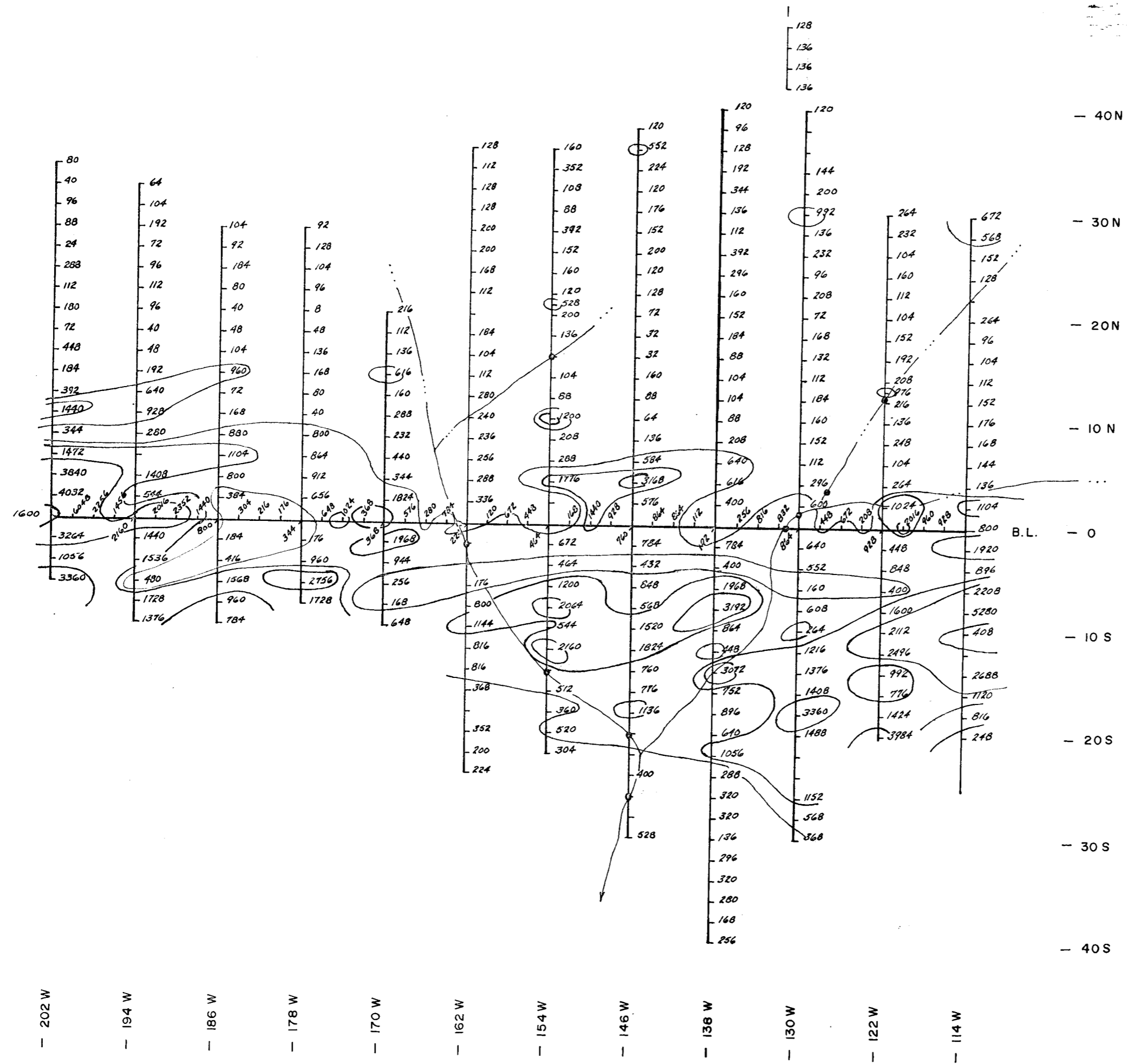


**GEOLOGY**

4	Black shale
3	Dolomite, cherty and siliceous, minor chert and limestone
2	Limestone, massive reefoid
1	Shale, slate, quartzite, minor limestone and chert

**LEGEND**

	Geological contact (approximate)
	Pyritic bed (gossan)
	Strike and dip of bedding
	Fault
	Silt sample location

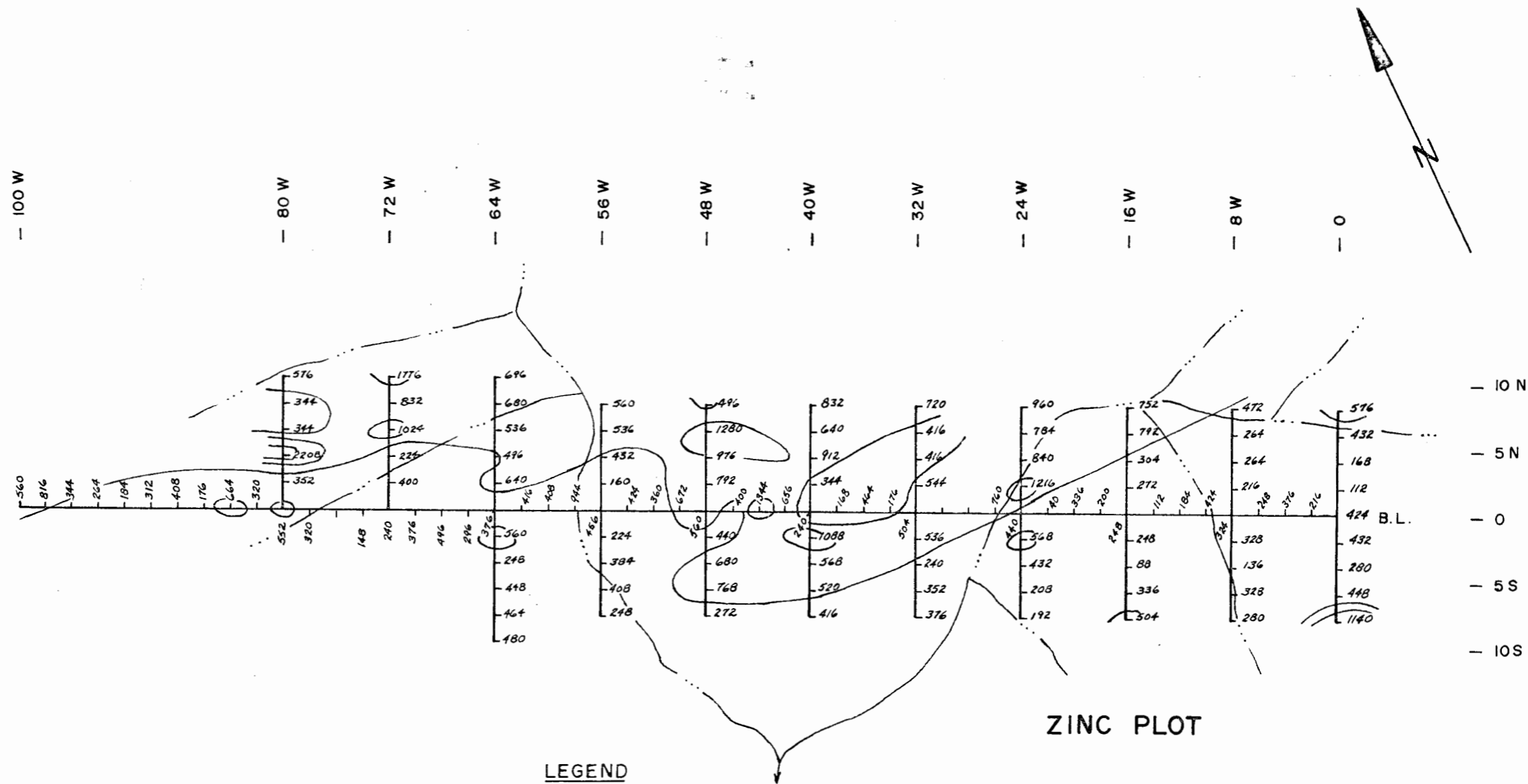


ZINC PLOT  
JKL CLAIM GROUPS  
FIGURE 4

SCALE : 1" = 1000'

LEGEND

- [ ] Grid line
- | 816 Zinc values in parts per million
- Silt sample location
- 500— Zinc contours (500 ppm+)
- 500 ppm
- 1000 ppm
- 2000 ppm



ZINC PLOT

H CLAIM GROUP

FIGURE 5

LEGEND

- 500 ppm
- 1000 ppm
- 2000 ppm

SCALE: 1" = 1000'

WHITEHORSE ASSAY OFFICE  
 BOX 346  
 WHITEHORSE, YUKON

Samples from: D. WAINMAN & ASSOCIATES

Lot. No.: A-653-672

	Pb	Zn		Pb	Zn	
0	0W-2N	16	112	40W-2N	16	344
0	4N	12	168	4N	12	912
	6N	16	432	6N	12	640
	8N	8	576	8N	12	832
	0W-2S	32	432	40W-2S	24	1088
	4S	20	280	4S	12	568
	6S	48	448	6S	16	520
	8S	24	1140	8S	12	416
0	20-8W-2N	20	216	48W-2N	12	792
	4N	12	264	4N	12	976
	6N	12	264	6N	16	1280
	8N	8	472	8N	12	496
	0W-2S	24	328	48W-2S	12	440
0	4S	16	136	4S	12	680
	6S	20	328	6S	12	768
0	8S	12	280	8S	16	272
	16W-2N	28	272	56W-2N	8	160
	4N	16	304	4N	12	432
	6N	20	792	6N	12	536
	8N	24	752	8N	12	560
	16W-2S	28	248	56W-2S	12	224
0	4S	16	88	4S	14	384
	6S	28	336	12-6S	12	408
	8S	24	504	8S	16	248
	24W-2-N	16	1216			
ON D.C. 24W-4N	4-N	16	840			
0	6-N	12	784			
0	8-N	8	960			
	24W-2S	16	568			
	4-S	16	432			
0	6-S	16	208			
	8-S	24	192			
	32-W-2N	24	544			
0	4N	8	416			
0	6-N	8	416			
	8-N	12	720			
	32-W-2S	20	536			
0	4S	12	240			
0	6S	16	352			
0	8S	16	376			

Date: July 24, 1974

Assayer: A. Houghton

WHITEHORSE ASSAY OFFICE  
BOX 346  
WHITEHORSE, YUKON

Samples from: D. Waugh & Assoc.

Lot. No.: A-656-442  
all results p.p.m.

SAMPLE #	Pb	Zn		SAMPLE #	Pb	Zn	
BL 169w-co	20	576		114w-2N+100	12	1104	
170w-co	16	368		4N	16	136	
*172w-co	16	368		6N	20	144	
174w-co	20	1024		8N	24	168	
176w-co	20	648		10N	24	176	
178w-co	24	314		12N	28	152	
180w-co	24	176		14N	20	112	
182w-co	20	216		16N	20	104	
184w-co	24	304		18N	16	96	
186w-co	20	800		20N	20	264	
BL 188w-co	20	1440		114w-22N#①	24	1896	Silt
190w-co	16	2352		22N#②	24	256	Silt
192w-co	16	2016		24N	24	128	
194w-co	16	2160		26N	24	152	
196w-co	8	1456		28N	28	568	
198w-co	16	2256		30N	24	672	
200w-co	20	6048		114w-2S	12	1920	
BL 182 <sup>20</sup> w-co	24	3696	Silt	4S	12	896	
BL 162 <sup>20</sup> w-co	20	2496	Silt	6S	12	2208	
BL 202-co	20	1600		8S	16	5280	
- 64w-2N	16	640		0114w-10S	12	408	
4N	28	496		14S	24	2688	
6N	28	536		16S	16	1120	
8N	20	680		18S	16	816	
10N	16	696		20S	16	248	
64w-2S	36	560		122w-2N	20	1024	
4S	28	248		4N	24	264	
6S	24	448		6N	12	104	
8S	28	464		8N	16	248	
10S	32	480		10N	16	136	
80w-2N	16	400		122w-12N	24	216	
4N	16	224		12N Silt	24	816	Silt
82w-6N	20	1024		12N+70	20	976	
8N	20	832		14N	24	208	
10N	20	1776		16N	20	192	
88w-2N	24	352		18N	24	152	
4N	20	2208		20N	20	104	
0 6N	16	344		0 22N	16	112	
8N	20	344		24N	32	160	
10N	36	576		26N	16	104	

Date: July 25/74

Assayer: K. Hoyland

WHITE ASSAY OFFICE  
 BOX 346  
 WHITEHORSE, YUKON

Sample from: D. Waugh & Assoc.

Lot. No.: 135

SAMPLE NO.	Pb	Zn	SAMPLE NO.	Pb	Zn
100 w - 28N	28	232	130 w - 10S	16	
30N	29	264	0 12s	15	
4S	12	948	0 14s	15	
4S	16	898	16s	20	
6S	32	400	0 18s	20	
8S	12	1600	0 20s	16	
10S	16	2112	0 26s	16	
12S	16	2496	0 28s	2	
14S	18	992	0 30s	20	
16S	20	776	132 w - 92N	70	
18S	20	1424	132 w - 94N	80	
20S	20	3984	46N	70	
22S	32	152	92N	84	
24N	30	194	138 w - 2N	16	
26N	44	168	4N	24	
28N	62	232	6N	28	
29N	36	136	8N	24	
36N	24	112	10N	24	
42N	20	600	12N	24	
44N	16	296	14N	24	
46N	20	112	138 w - 18N	24	
8N	24	152	20N	24	
10N	24	160	22N	20	
12N	24	184	24N	24	
14N	24	112	26N	28	
16N	20	132	28N	20	
18N	20	168	30N	24	
20N	20	72	32N	28	
22N	28	208	34N	30	
24N	24	96	36N	36	
26N	28	232	138 w - 38N	44	
28N	36	136	40N	64	
30N	12	992	146 w - 2N	12	
32N	48	200	4N	16	
34N	52	144	6N	16	
36N	72	120	8N	20	
38S	16	640	10N	12	
4S	16	552	12N	12	
6S	16	160	14N	24	
8S	24	608	16N	12	

July 25/74

Assayer: K. Hays

WHITE ASSAY OFFICE  
 BOX 346  
 WHITEHORSE, YUKON

Samples from: D. Waugh & Assoc.

Lot. No.: A-656-442  
 all results p.p.m.

SAMPLE #	Pb	Zn		SAMPLE #	Pb	Zn	
146 w-18K	24	32		154 w-28N	28	392	
20K	8	72		30N	20	88	
22N	20	128		32N	40	108	
24N	16	120		34N	20	352	
26N	28	200		36N	40	160	
28N	24	152		154 w-25	12	672	
30K	28	176		45	8	464	
32N	12	120		65	12	1200	
34N	42	224		85	8	2064	
36N	36	552		105	12	544	
146 w-38N	36	120		125	20	2160	
40N	No Soil in Original Bag			*① 145	16	1504	Silt
146 w-25	16	784		*② 145	12	1776	Silt
45	16	432		165	20	512	
65	12	848		185	24	360	
85	12	568		205	24	520	
105	16	1520		225	24	304	
125	20	1824		162 w-2N	16	336	
145	20	760		4N	12	288	
165	12	776		6N	16	256	
146 w-185	12	1136		8N	16	236	
205-S:14①	24	1360	Silt	10N	24	240	
205-S:14②	24	680	Silt	12N	16	280	
245	24	400		14N	24	112	
265-①	16	208	Silt	16N	28	104	
265-②	16	232	Silt	18N	24	184	
305	24	528		20K	No Soil in Original Bag		
154 w-4N	20	1776		22N	36	112	
6N	16	288		24N	24	168	
8N	20	208		26N	24	200	
154 w-10N	8	1200		30N	28	128	
12N	12	88		32N	28	128	
14N	12	104		34N	24	112	
Silt ① 16N	16	1104	Silt	36N	24	128	
Silt ② 16N	18	292	Silt	162 w-25*①	20	816	Silt
18N	20	136		25*②	20	640	Silt
20N	24	200		65	16	176	
<del>21N</del>	<del>16</del>	<del>528</del>		85	28	800	
22N	20	120		105	26	1144	
24N	16	160		125	20	816	
26N	24	152					

Date: July 25/74

Assayer: A. Hoyland

WHITE ASSAY OFFICE  
 BOX 346  
 WHITEHORSE, YUKON

Samples from: D. Waugh & Assc.

Lot. No.: A-656-442  
 all results P.P.M.

SAMPLE #	Pb	Zn		SAMPLE #	Pb	Zn	
162 w - 14s	28	816		186 w - 4N	20	800	
16s	28	368		6N	16	1104	
20s	28	352		8N	16	880	
22s	24	200		10N	32	168	
24s	28	224		LJK - A 1	20	3312	) S/H
28s	28	200		LJK - A 2	20	1424	
170 w - 2N	24	1824		No # on bag	16	1280	)
4N	24	344		186 w - 12N	16	72	
6N	16	440		14N	16	960	
8N	12	232		16N	12	104	
170 w - 10N	16	288		186 w - 18N	12	48	
12N	24	160		20N	12	40	
14N	24	616		22N	16	80	
16N	20	136		24N	20	184	
18N	36	112		26N	22	92	
20N	20	216		28N	28	104	
170 w - 2s	20	1968		186 w - 2s	20	184	
4s	8	944		4s	24	416	
6s	12	256		6s	16	1568	
8s	28	168		8s	12	960	
170 w - 10s	16	648		186 w - 10s	12	784	
178 w - 2N	24	656		194 w - 2N	12	544	
4N	16	912		4N	16	1408	
6N	16	864		8N	12	280	
8N	20	800		10N	12	928	
10N	8	40		12N	12	640	
12N	12	80		14N	24	192	
14N	24	168		16N	24	48	
16N	24	136		18N	20	40	
18N	16	48		20N	20	96	
178 w - 20N	16	8		194 w - 22N	28	112	
22N	20	96		24N	20	96	
24N	16	104		26N	22	72	
26N	24	128		28N	12	192	
28N	20	92		30N	16	104	
178 w - 2s	28	176		32N	36	64	
4s	28	960		194 w - 2s	12	1440	
6s	20	2756		4s	12	1536	
8s	16	1728		6s	8	480	
186 w - 2N	16	384		8s	16	1728	

Date: July 25/74

Assayer: K. Hayland

WHITEHORSE ASSAY OFFICE  
BOX 346  
WHITEHORSE, YUKON

Samples from: D. Waugh & P.S.S.C.

Lot. No.: A-656-442.  
all results p.p.m.

SAMPLE #	Pb	Zn	SAMPLE #	Pb	Zn	
0 194 w - 10s	12	1376	130 + 8w - 40s	12	256	
202 w - 2N	20	4032	200 + 200 - 16N	12	1376	Sill?
" 4N	12	3840				
0 6N	20	1472				
8N	24	344				
10N	24	1440				
12N	24	392				
14N	24	184				
16N	24	448				
18N	24	72				
202 w - 20N	24	180				
22N	28	112				
24N	32	288				
26N	28	24				
28N	24	88				
30N	28	96				
32N	36	40				
34N	28	80				
0 202 w - 25	28	3264				
0 45	24	1056				
202 w - 6s	24	3360				
130 + 8w - 2s	8	784				
138W - 4s	12	400				
0 " 6s	8	1968				
" 8s	9	3192				
" 10s	8	864				
" 12s	12	448				
" 14s	12	3072				
" 16s	12	752				
" 18s	8	896				
130 + 8w - 20s	12	640				
138W - 22s	12	1056				
" 24s	8	288				
" 26s	4	320				
" 28s	8	320				
" 30s	4	136				
" 32s	8	296				
" 34s	20	320				
" 36s	16	280				
" 38s	8	168				

Date: July 25/74

Assayer: K. Hayward

WHITEHORSE ASSAY OFFICE  
BOX 346  
WHITEHORSE, YUKON

Samples from: D. Waugh & Assoc.

Lot. No.: A-656-412  
all results P.P.M.

SAMPLE #	Pb	Zn	SAMPLE #	Pb	Zn
CBLOON 114W	12	800	68W-00	32	496
BLOON 116W	12	928	Bl 70W-00	28	376
118W	12	960	72W-00	36	240
120W	12	2016	72W-2K	20	240
122W	16	928	72W-4K	24	616
124W	16	208	72W-6K	12	688
126W	12	672	72W-8K	16	1024
128W	20	448	72W-10K	20	536
OWBLO+00W	44	424	Bl 74W-00	24	148
Bl 2W-00	24	216	78W-00	32	320
Bl 4W-00	40	376	Bl 80W-00	32	552
6W-00	32	248	82W-00	24	320
8W-00	24	324	84W-00	20	664
10W-00	48	424	86W-00	24	176
12W-00	20	184	88W-00	24	408
14W-00	20	112	90W-00	44	312
16W-00	24	248	92W-00	24	184
18W-00	20	200	94W-00	32	264
20W-00	24	336	96W-00	24	344
22W-00	4	40	98W-00	28	816
Bl 24W-00	12	440	Bl 100W-00	20	560
26W-00	12	760	130W-00	16	864
32W-00	20	504	132W-00	16	832
34W-00	16	176	134W-00	16	816
36W-00	20	464	136W-00	20	256
38W-00	20	168	138W-00	12	192
40W-00	20	240	140W-00	8	112
42W-00	16	656	142W-00	12	864
44W-00	16	1344	144W-00	12	864
46W-00	16	400	146W-00	16	760
Bl 48W-00	12	560	Bl 148W-00	12	928
50W-00	20	672	150W-00	16	1440
52W-00	20	360	152W-00	12	168
54W-00	20	424	154W-00	12	464
56W-00	16	456	156W-00	8	448
58W-00	20	944	158W-00	12	672
60W-00	20	408	160W-00	12	120
62W-00	28	416	162W-00	16	224
64W-00	24	376	164W-00	20	784
66W-00	28	296	166W-00	16	280

Date: July 25/74

Assayer: K. Hoyland

