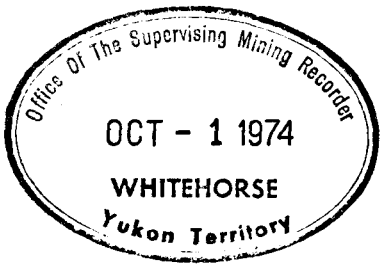

REPORT OF EXPLORATION
COMPLETED ON THE
LIZ 33-42 and 49-58 CLAIMS
COMMAND RESOURCES LTD.

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work to the amount of $4000.00

D. F. Craig
Resident Geologist or
Resident Mining Engineer

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

Commissioner of Yukon Territory

Vancouver, B.C.
August 21, 1974.

AGILIS ENGINEERING LTD.
CONSULTING ENGINEERS & GEOLOGISTS
107-325 HOWE STREET, VANCOUVER, B.C. V6C 1Z7

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REPORT ON EXPLORATION COMPLETED ON THE
LIZ 33-42 and 49-58 CLAIMS
FOR
COMMAND RESOURCES LTD.

INTRODUCTION

The Liz 33-42 and 49-58 mineral claims are located approx. 5.5 miles east of a major zinc discovery made by Barrier Reef Resources Ltd. during the summer of 1973 in the Bonnet Plume River area, Northwest Yukon.

This report is based on field work conducted by Agilis Engineering Ltd., on behalf of Command Resources Ltd.,

Work consisted of claim survey, geological mapping, gridding, 800 foot lines and 200 foot stations, and soil sampling.

The geological mapping was completed by J. Deighton, Geologist. The program was supervised by the writer.

GEORGRAPHY

Location and Access

The Liz mineral claims are located approximately 125 miles northeast of Mayo, Y.T. on Duo Creek, a tributary of the Bonnet Plume River.

Coordinates of the property are 64° 24' North latitude and 132° 26' West Longitude.

The property lies within map sheet 106C of the National Topographic series.

Access to the property from Vancouver is either by motor vehicle to Mayo, Y.T. and from there by helicopter to the property, or by Canadian Pacific Airlines to Whitehorse, via North Air to Mayo and hence via helicopter to the property.

A small lake, Porters Puddle, on Duo Creek is accessible by fixed wing planes. Barrier Reef Resources Ltd. is constructing a winter airstrip on Goz Creek and a winter tote road is planned from Mayo.

TOPOGRAPHY

The Liz mineral claims lie along the valley of Duo. Only small isolated outcrops have been found on the property. Just north of the claim boundary topography steepens and outcrops become plentyful. Numerous cliffs traverse this area.

PROPERTY

The Liz mineral claims were acquired by Command Resources Ltd. from Mr. Andy Harman, prospector and consists of the following contiguous mineral claims:

Name	Record Number	Record date
Liz 33-42	Y69718 - 27	Aug. 21, 1973
Liz 49-58	Y69734 -42	Aug. 21, 1973.

HISTORY

The area was mapped by Dr. J.O. Wheeler, Geological Survey of Canada, in 1952 and the information was published as Preliminary Map 53-7, at a scale of 1" = 4 miles. The area was remapped in more details by S.L. Blusson, Geological Survey of Canada.

The first lead-zinc discoveries associated with brecciated dolomites were made in the early 1950's by the K.J. Springer interests. These showins were followed up in recent years by Gordon Dickson, prospector.

Further exploration along the belt of Palaeozoic sedimentary units lead to the discovery of the Tom deposit of Hudson Bay Mining and Smelting at McMillan Pass, the strati-form lead-zinc deposits of the Vangorda Area, of which the Anvil Mines with 60 million tons grading 10% lead-zinc combined is producing at a rate of 7,500 tons per day.

From 1965 to 1972 exploration in the area, because of low metal prices and high exploration costs, was discontinued.

In 1972, the discovery of the Summit Lake deposit by Canex Placer Ltd. along a 25 mile long belt of Ordovician graptolitic shales resulted in renewed exploration.

During 1972 important base metal discoveries were made in the Godlin Lake area in the Northwest Territories, 100 miles north of Summit Lake. The mineralization occurs within a belt of open-folded and faulted Lower Palaeozoic carbonate rocks, the Mackenzie fold belt.

Exploration concentrated along this fold belt resulted in the discovery of the Bonnet Plume discoveries of Barrier Reef Resources Ltd. and the discoveries by Cypress Resources Ltd., 10 miles to the west of the first.

The Liz mineral claims lie approximately 5 miles east of the main Barrier Reef discovery and approximately 2 miles east of a zinc discovery along the eastern boundary of Barrier Reef Resources Ltd. property.

GEOLOGY

The Liz 33-42 and 49-58 claims owned by Command Resources Ltd. are underlain by Lower Cambrian Strata of the Backbone Range Formation. This unit is composed of the varied colored shales, argillites, quartzites, grits and minor limestone and dolomites. The western portion of the claim group may be underlain by a sub division of the Backbone Range Formation, - buff grey weathering poorly bedded and in part pistolitic dolomite. This sub-division is the unit in which lead-zinc mineralization occurs on the adjacent ground of Barrier Reef.

No outcrop occurs on the claims owned by Command Resources and the above information is taken from the Geological Survey of Canada open file #205 map of the area, and was supplemented by geological mapping just north of the claim group.

MINERALIZATION

Mineralization in the Bonnet Plume area is comprised of light to buff-colored to reddish-brown sphalerite associated with porous, brecciated and in places silicified dolomites. Galena has been reported from the higher grade ores.

The best mineralization is usually associated with breccia but has also been found parallel to bedding. The latter type has usually little associated quartz.

Surface outcrops of mineralized rocks are strongly weathered, and zinc carbonates (Smithsonite) is abundant. This feature makes recognition of economic mineralization difficult without the use of geochemical aids.

GEOCHEMISTRY

Field Method

The Liz mineral claims were soil sampled on a grid system. The grid consisted of North-South compass lines, 800 feet apart with sample stations every 200 feet along the lines marked by flagging. East-West tie lines were established for control.

Samples were collected by auger from the "B" horizon where ever possible. Soils were packed in kraft paper envelopes and shipped to Chemex labs Ltd., 212 Brooksbank Ave., North Vancouver, B.C. for preparation and analysis for total lead and zinc.

Lab Technique

All samples were analysed by Chemex labs Ltd.

A minus 80 mesh fraction was taken from each sample, digested for 2 1/2 hours in hot nitric acid. A second minus 80 mesh fraction was digested for 4 hours in hot perchloric-nitric acid.

Quantitative analysis for lead and zinc content was performed by atomic absorption methods.

RESULTS

Results were obtained for a total of 321 samples.

Statistical analysis is based on a total of 984 samples collected on the Liz claims owned by Command Resources and from the surrounding properties.

The results were grouped percent frequency and accumulated percent were calculated and plotted on arithmetic probability paper.

	Range ppm	# of sample	Background ppm	%	Anomalous ppm	%
Zinc	10 to <4000	984	140	73.99	280	9.23
Lead	10 to <700	984	40	70.81	140	3.56

Interpretation

The geochemical survey outlined two general areas being anomolous in lead and zinc.

Area 1

A weak zinc anomaly, following the course of Duo Creek is located between line 68E, 36S and 36E and 32S.

The close correlation between outline of anomaly and topographic low features along the creek suggest a drainage anomaly. Peak value is located at 48E, 40S of 1048 ppm zinc.

The lead values follow the same pattern but are not as continuous and displaced to the west. Peak value is located at 44 E, 44S of 110 ppm.

Area 2

Area 2 is located along the eastern margin of the property along line 80E from 6S to 24S. The outline of the anomaly is irregular. Topographically it lies along a gentle south slope. Amplitude of the anomalie is from 300 to 1000 ppm with two distinctive peaks. The first at 80E,6S -1000 ppm, the second at 80E,20S - 620 ppm.

The lead contour maps shows a coinciding lead anomaly with two peaks, the first at 80E 6S - 120 ppm, the second at 80E, 20S - 140 ppm.

DISCUSSION AND CONCLUSIONS

Since no detailed geological information is available, it is difficult to evaluate the significance of the two anomalous areas. This is compounded by extensive, possibly deep overburden.

Area 1 appears to be a drainage anomaly. The presence of high lead values just to the west can not be explained but could be caused by erratics. No further work is recommended in area 1.

Area 2 lies along the western and northern boundary of the property. The favorable dolomitic-limestone horizon has been found outcropping to the north and hence could underlay the property in this area.

The anomaly is well defined but too close to the boundary to be of major significance.

Respectfully submitted,

F. Holcapek, P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

August 21, 1974.
Vancouver, B.C.

LEAD - ppm

Interval	No. of samples	%	Accumulative %
0-10	21	2.13	2.13
11-20	131	13.31	15.44
21-30	330	33.54	48.97
31-40	215	21.84	70.81
41-50	80	8.13	78.94
51-60	85	8.63	86.57
61-70	35	3.55	90.12
71-80	29	2.94	93.06
81-90	9	.91	93.97
91-100	10	1.01	94.98
101-110	6	.6	95.59
111-120	5	.5	95.64
121-130	2	.2	95.84
131-140	6	.6	96.44
141-150	4	.4	96.84
151-160	0		
161-170	1	.1	96.94
171-180	4	.4	97.34
181-190	0		
191=200	2	.2	97.54
200+	9	.9	98.44

ZINC - ppm

Interval	No. of samples	%	Accumlative %
0-20	51	5.18	5.18
21-40	49	4.98	10.16
41-60	68	6.91	17.07
61-80	134	13.62	30.69
31-100	134	13.62	44.31
101-120	176	17.89	62.20
121-140	116	11.79	73.99
160	69	6.01	80.00
180	31	3.15	83.15
200	24	2.44	85.59
220	13	1.32	86.91
240	12	1.22	88.13
260	12	1.22	89.35
280	14	1.42	90.77
300	20	2.03	92.80
320	22	2.23	95.03
340	6	.60	95.63
360	15	1.59	96.92
380	3	.30	97.22
400	9	.91	98.13
420	3	.30	98.43
440	0		
460	1	.11	98.54
480	1	.11	98.55
500+	11	1.12	99.67

CERTIFICATION

I, Ferdinand Holcapek of 92 - 10842 152nd Street, Surrey, British Columbia, do hereby certify that:

1. I am a graduate of the University of British Columbia, with a Bachelor of Science Degree in Geology, 1969.

2. Since graduation I have been engaged in mining exploration in in: British Columbia, Yukon Territory, Northwest Territories, Quebec, Nevada, Arizona, Mexico and Australia.

3. I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia, the Geological Association of Canada and the Society of Exploration Geophysists.

4. I am a consulting geologist.

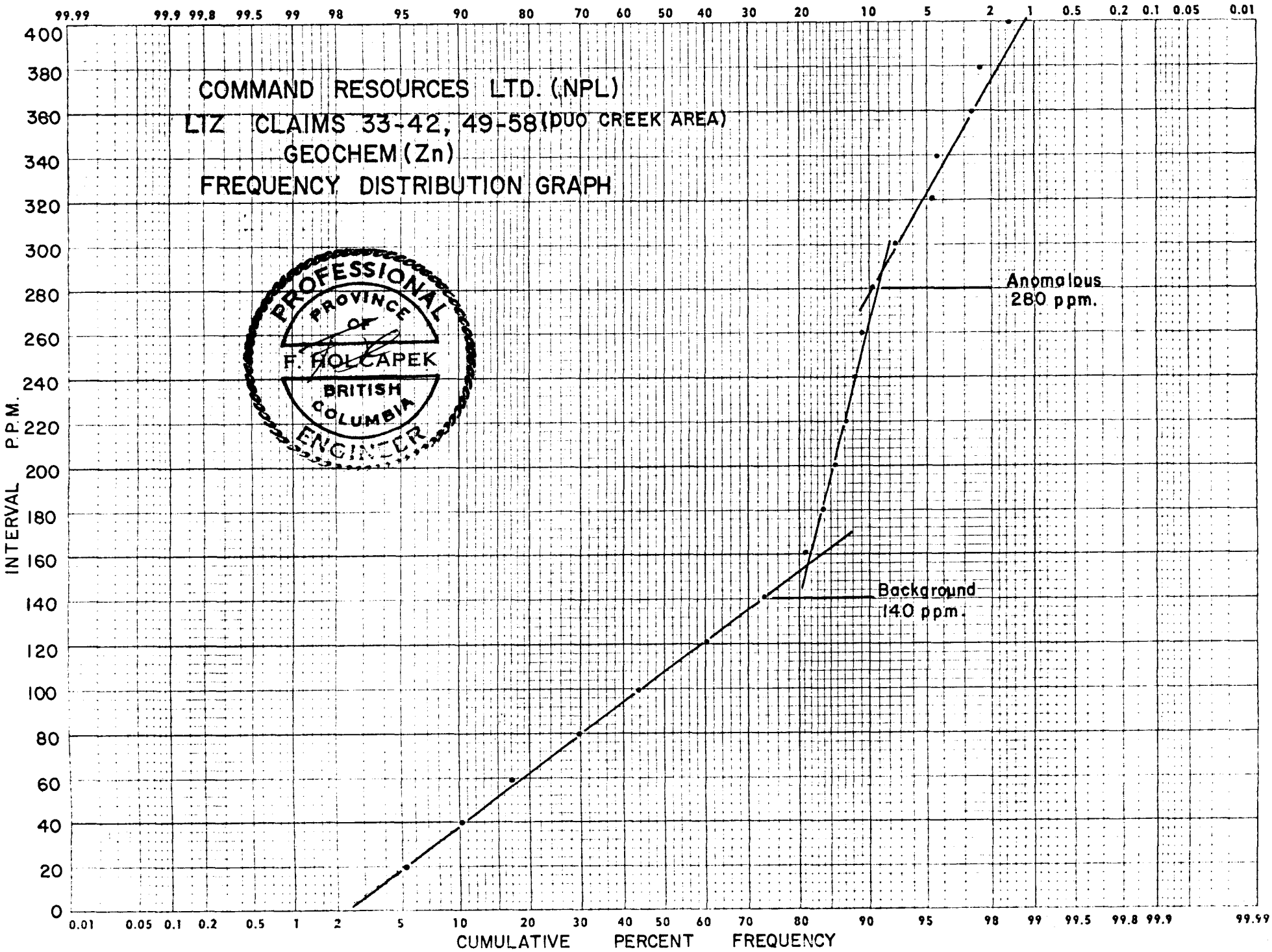
5. This report is based on field work conducted under my supervision, during the period of June 15 to July 31, 1974.

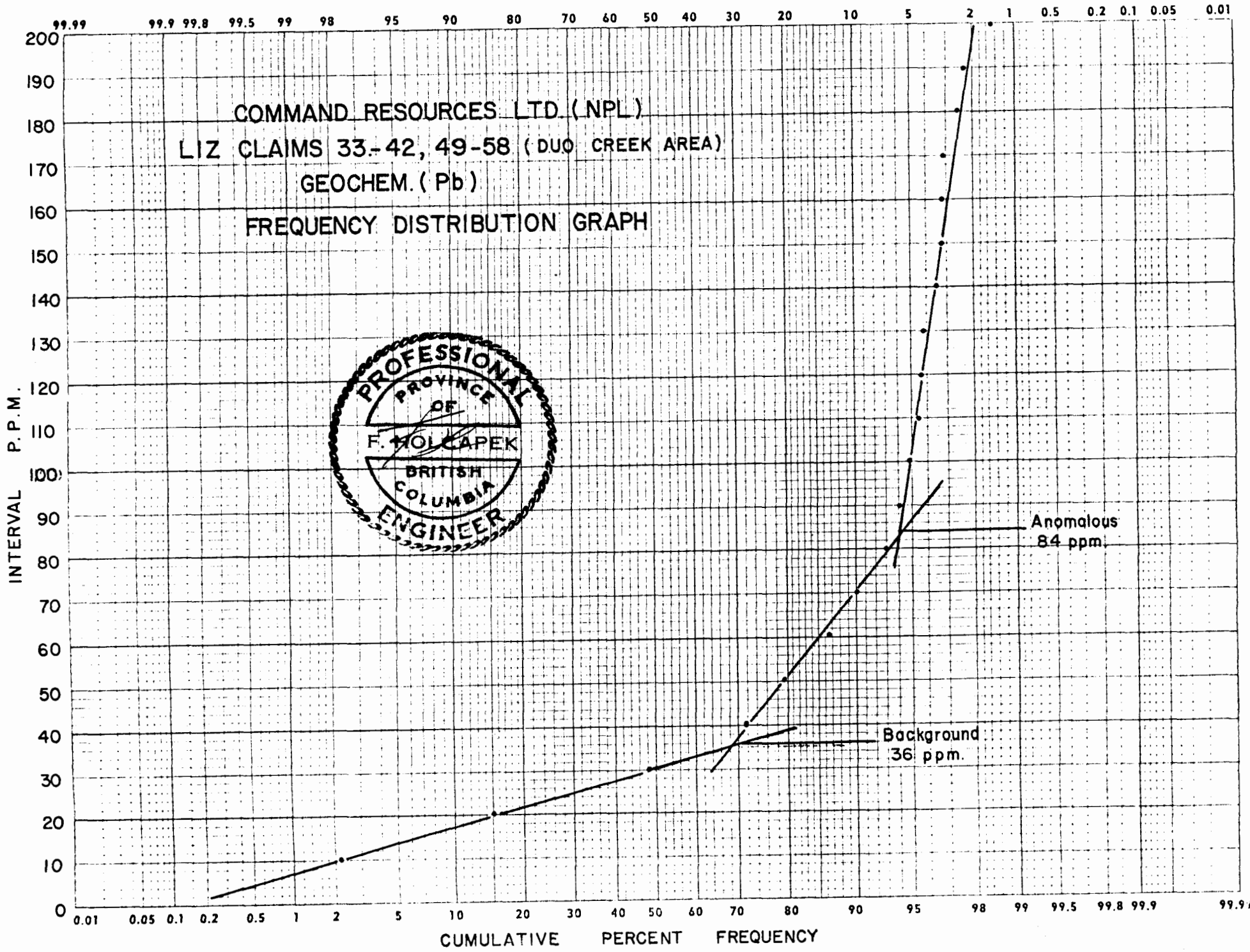
6. That the cost statement attached outlines expenditures incurred to complete the work program.

F. Holcapek, P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

Vancouver, B.C.
August 21, 1974.


COMMAND RESOURCES LTD. (NPL)
LTZ CLAIMS 33-42, 49-58 (DUO CREEK AREA)
GEOCHEM (Zn)
FREQUENCY DISTRIBUTION GRAPH
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK
Anomalous 280 ppm.
Background 140 ppm.
INTERVAL P.P.M.
CUMULATIVE PERCENT FREQUENCY
99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99
0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400


COMMAND RESOURCES LTD. (NPL)
LIZ CLAIMS 33-42, 49-58 (DUO CREEK AREA)
GEOCHEM. (Pb)
FREQUENCY DISTRIBUTION GRAPH
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK
Anomalous
84 ppm.
Background
36 ppm.
INTERVAL P.P.M.
CUMULATIVE PERCENT FREQUENCY
99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

YUKON TERRITORY

COMMAND RESOURCES LTD. (NPL)

DUO CREEK AREA

LIZ 33-42, 49-58, MINERAL CLAIMS

MAYO, Y.T.

PROPERTY LOCATION MAP

SCALE IN MILES

50 0 50 100 150

AGILIS ENGINEERING LTD. AUG. 1974

140°00' 136°00' 132°00' 128°00' 124°00' 120°00'

68°00' 64°00' 60°00'

MACKENZIE BAY

FRANKLIN BAY

Inuvik

Arctic Red River

MACKENZIE R.

N.W.T. / Y.T.

ALASKA U.S.A. / YUKON

PEEL R.

Norman Wells

Fort Norman

RIVER

Dawson

Keno Hill

Mayo

Stewart River

YUKON R.

PELLY R.

Snag

Carmacks

Ross River

S. NAHANNI R.

Fort Simpson

Fort Liard

N.W.T.

Kluane

Whitehorse

Teslin

Carcross

BRITISH COLUMBIA

SCALE: 1:5000

132°22'

64°25'

DUO CREEK

SCALE: 1"=2640'

N

Liz 33	Liz 35	Liz 37	Liz 39	Liz 41
Liz 34	Liz 36	Liz 38	Liz 40	Liz 42
Liz 49	Liz 51	Liz 53	Liz 55	Liz 57
Liz 50	Liz 52	Liz 54	Liz 56	Liz 58

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLCAPEK

N

LEGEND

- Geological contact
- Fault
- Rock outcrop
- 20 Overturned plunging fold
- 20 Plunging fold
- 70 Strike and dip

LOWER CAMBRIAN

Backbone Ranges Formation

- 945 Varied coloured quartzites (minor), sandstone, & shale
- 905 Grey massive limestone, 20' - 60' thick
- Geochemical survey station
- Claim post and line
- Helicopter pad
- Camp
- Creeks

position approximate due to numerous side channels

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLUBEK

COMMAND RESOURCES LTD. (NPL)

DUO CREEK AREA
LIZ 33-42, 49-58 MINERAL CLAIMS
Mayo, Y.T.

GEOLOGY & CLAIM MAP

SCALE IN FEET
400 0 400 800 1200

AGILIS ENGINEERING LTD. AUG. 1974

N

LEGEND

- Geochemical survey station
- 600 Geochemical contour for zinc CONTOUR INTERVAL- 100 p.p.m.
- Claim post
- X Helicopter pad
- Camp
- Creeks

position approximate due to numerous side channels

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F. HOLCAPEK

COMMAND RESOURCES LTD. (NPL)

DUO CREEK AREA
LIZ 33-42, 49-58 MINERAL CLAIMS
Mayo, Y.T.

GEOCHEMICAL CONTOUR MAP FOR
ZINC
(P.P.M.)

SCALE IN FEET
400 0 400 800 1200

AGILIS ENGINEERING LTD. AUG. 1974

0E 4E 8E 12E 16E 20E 24E 28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E 80E 84E 88E 92E

BASELINE

4S 8S 12S 16S 20S 24S 28S 32S 36S 40S 44S 48S 52S 56S

TIE LINE

CAMP

Puddle

CAMP HELICOPTER PAD

DUO CREEK

position approximate due to numerous side channels

N

LEGEND

- Geochemical survey station
- 60 — Geochemical contour for lead CONTOUR INTERVAL - 10 p.p.m.
- Claim post
- Helicopter pad
- Camp
- Creeks

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. HOLCAPEK

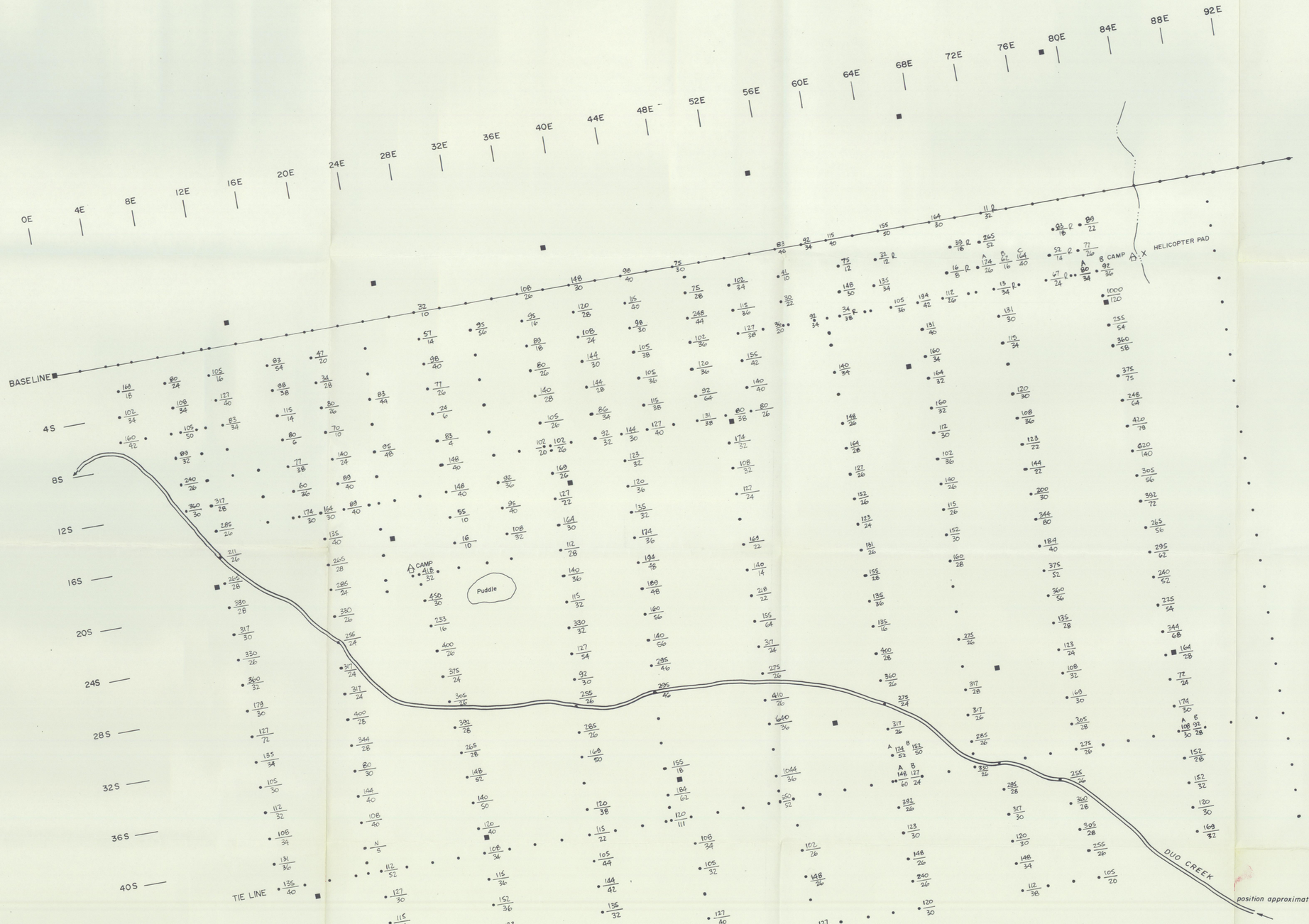
COMMAND RESOURCES LTD. (NPL)

DUO CREEK AREA
LIZ 33-42, 49-58 MINERAL CLAIMS
Mayo, Y.T.

GEOCHEMICAL CONTOUR MAP FOR
LEAD
(P.P.M.)

SCALE IN FEET
400 0 400 800 1200

AGILIS ENGINEERING LTD. AUG. 1974



LEGEND:

- 160/39 — Value in p.p.m. for zinc / Value in p.p.m. for lead
- ■ Claim post
- X Helicopter pad
- Camp
- Creeks

position approximate due to numerous side channels

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — F. HOLCAPEK

COMMAND RESOURCES LTD. (NPL)

DUO CREEK AREA
LIZ 33-42, 49-58 MINERAL CLAIMS
Mayo, Y.T.

GEOCHEMICAL SURVEY FOR
LEAD AND ZINC

SCALE IN FEET
400 0 400 800 1200

AGILIS ENGINEERING LTD. AUG. 1974