



Report on the
BONNET PLUME ZINC-LEAD PROPERTY
Northeastern Yukon Territory

64°25'N 132°55'W

NTS 106C

\$ 11,531.89

for

CYPRESS RESOURCES LTD. (N.P.L.)

This report has been prepared by *[Redacted]* by *[Redacted]*
 Geological Evaluation *[Redacted]*
 intended to the Commission *[Redacted]*
 ed as representation *[Redacted]*
 \$ 11,531.89

[Signature]
 Resident *[Redacted]*
 Resident Minister *[Redacted]*

Considered as representation *[Redacted]* work under
 Section 53 (4) Yukon *[Redacted]* Mining Act

[Signature]
 Commissioner of Yukon Territory

BY:

G. C. GUTRATH, P.ENG., GEOLOGIST
ATLED EXPLORATION MANAGEMENT LTD.

September, 1973



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BONNET PLUME ZINC-LEAD PROPERTY
Northeastern Yukon Territory
CYPRESS RESOURCES LTD. (N.P.L.)

INTRODUCTION

The property was examined on September 13, 1973 with Mr. E. Mueller, President of Cypress Resources Ltd. A light snowfall covered the higher peaks but did not hamper the examination of the claim group. A helicopter was kept throughout the day to provide access to the numerous mineral occurrences that had been located during a preliminary prospecting and reconnaissance geological mapping program.

The first zinc occurrence was discovered by Mr. Mueller on July 29, 1973 while prospecting out of the Cypress camp located at the Lad Group on the Bonnet Plume River 35 miles to the northwest of the discovery area. By August 15, 1973 a total of 104 claims had been staked on behalf of Cypress Resources Ltd. to cover 4 miles of geological structure indicated to be favourable for the emplacement of zinc-lead mineralization.

The initial interest in this particular area resulted from the discovery of zinc-lead mineralization 10 miles to the east in the Goz Creek area by Barrier Reef Resources Ltd. in August, 1973. Since that time an area approximately 35 miles long and up to 5 miles wide has been staked by numerous companies.

When the writer examined the Cypress property a prospecting and geological mapping program had been in progress for approximately two weeks, under the direction of the Cypress geologist, Mr. A. Floyd. His assistance in the preparation of the preliminary geological map is gratefully acknowledged.

SUMMARY

The Cypress property, consisting of 120 claims is located in the eastern Yukon Territory 110 miles to the northeast of the community of Mayo.

Access to the property is by helicopter from Mayo. In 1974 general access to this area will be greatly improved by the construction of a 5,000 foot gravel airstrip 8 miles to the east of the property. Winter tote roads have been built into the Bonnet Plume area from the Mayo-Elsa highway to service other mineral exploration programs. The nearest all weather road at the present time terminates at Keno City 80 miles to the southwest of the property.

Zinc mineralization, consisting of sphalerite and other secondary zinc minerals has been found in the upper 400 feet of a dolomite unit of Devonian Age. Galena and from 2% to 5% pyrite is associated with the zinc mineralization. The galena, compared with the sphalerite is a relatively minor constituent although it does increase noticeably in the eastern portion of the zone.

The zinc mineralized zone is a stratiform mineral occurrence. It can be traced in the upper Devonian dolomite unit for 14,000 feet along a northwesterly strike length. The dolomite unit dips on the average at 55° to the northeast although locally it may dip steeply to the northeast.

The sphalerite is a very light orange-brown colour and occurs as massive lenses or as fine disseminated crystals in the dolomite groundmass. The sphalerite content can vary considerably within the mineralized zone and the control of the mineralization is only partially understood.

The better grade zinc mineralization occurs in a brecciated, weakly silicified dolomite that has been cemented by crystalline quartz. This brecciation may be superimposed on an algal reef formation that is recognized in a number of areas in the upper Dolomite unit.

Preliminary sampling has consisted primarily of collecting grab-character samples for assay in order to determine the grade of the various types of zinc mineralization that occurs on the property. The assays vary from a trace of zinc to a high of 59.3% zinc.

CONCLUSION

The initial prospecting and geological mapping on the Cypress property has outlined a favourable zone for zinc mineralization that is confined to the upper 400 feet of a dolomite unit of Devonian age. The zone has been traced for 14,000 feet along strike and where ever the zone is exposed in outcrop there are variable amounts of zinc and minor lead mineralization. There are obvious sections of high grade massive sphalerite and secondary zinc mineralization but there has not been enough sampling completed at this time to determine the overall grade of the better mineralized sections across the potential mining widths.

Although the property is located in a remote area of the Yukon the width and continuity of the mineralized zone along strike, the existance of good grade zones and the similiarity of the occurrence to other base metal stratiform deposits make this property a very promising exploration target.

RECOMMENDATIONS

The following exploration program is recommended.

Phase I

1. Geological mapping

Map the geology of the upper 500 feet of the Devonian dolomite unit along its entire strike length. Special attention should be given to structural features. The overall zone could be mapped on a scale of 1 inch equals 400 feet with more detailed mapping in the better exposed mineralized area.

2. Trenching

A number of the mineralized areas could be trenched by hand using a "Cobra" type drill and explosives. It is hoped that fresh material sampling would be found within 3 to 4 feet of the weathered surface.

3. Drilling

There are a number of good drill targets that have already been established by the initial program. Cypress has its own wire line B.B.S.#1 diamond drill in the area and it would be suitable for a preliminary drill program. If core recovery is poor, a larger machine may be required. It is estimated that a minimum of 3,000 feet of drilling will be required.

Phase II

This phase will be contingent on the results of Phase I. Phase II will be a continuation of the drilling. It is estimated that an additional 5,000 feet would be required.

ESTIMATED COSTS

Phase 1

1. Geological surveys and supervision	
1 geologist (2 months).....	\$ 6,000.00
1 assistant.....	2,000.00
2. Trenching	
2 men and equipment for one month.....	3,500.00
3. Assaying	
Trench samples and miscellaneous rock chip sampling.....	1,000.00
4. Camp	
Construction and additional equipment and supplies.....	2,500.00
5. Living expenses	
Food and a cook for 2 months.....	5,000.00
6. Diamond drilling	
3,000 feet at an overall cost of \$20.00/foot.....	60,000.00
7. Transportation	
Scheduled aircraft.....	\$ 2,500.00
Charter aircraft	
Fixed wing.....	5,000.00
Helicopter.....	<u>20,000.00</u> ..
	27,500.00
8. Consulting, overall supervision, data compilation and reports.....	5,000.00
	<hr/>
	112,500.00
9. Overhead and contingencies @ 20%	22,500.00
	<hr/>
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	TOTAL
	\$ 135,000.00
	<hr/> <hr/>

GEOGRAPHY

Location

The property is located on the north side of the Bonnet Plume Valley 4 miles to the west of the confluence of Goz Creek and the Bonnet Plume River in the northeastern Yukon Territory. The community of Mayo is 110 miles to the southwest.

Co-ordinates of the property are 64° 25' North latitude and 132° 55' West longitude.

Access

Access to the property from Mayo is by helicopter. Fixed wing aircraft can land on a small lake on the south side of the Bonnet Plume River 5 miles to the southeast of the property.

At the present time Barrier Reef Resources Ltd. is planning to construct a winter tote road to their property from Mayo and to construct a 5,000 foot airstrip in the Goz Creek Valley. This airstrip will be suitable for DC-3 aircraft and it will greatly improve access as well as reduce the cost of operating in the area.

The nearest all weather road, the Mayo-Elsa highway terminates at Keno City 200 miles southwest of the Bonnet Plume property.

Topography

The claim group covers the southwesterly facing side of the Bonnet Plume Valley from the elevation of 2,800 feet at the river to the highest point of the valley ridge at 6,500 feet. The northwesterly striking ridge is cut by a number of deeply incised southerly flowing streams.

The majority of the mineral occurrences are between the elevations of 4,500 and 5,500 feet.

Climate

The summer day time temperatures would average in the 50° to 60° range and night time temperatures can drop below freezing at any time during the summer. Temperatures would be in the 0° to +30°F range with the occasional severe cold period of -20°F to -60°F.

The average yearly rainfall would be in the range of 20 to 25 inches. Winter compacted snowfall would vary from 3 to 6 feet along the Bonnet Plume Valley. The area below the 5,000 foot elevation of a southerly facing slope would be free of snow from June to October.

The weather in this area would not be any more severe than that found at the Clinton Creek open pit asbestos mine 230 miles to the west or at the Anvil open pit lead-zinc mine 145 miles to the south.

Vegetation

The valley bottom in the better drained areas is covered by spruce up to 2 feet in diameter that would be suitable for mine timbers or construction lumber. The slopes are covered by scattered stands of stunted balsam and buckbrush to the 4,500 foot elevation.

Water

Until mid-summer there is ample water anywhere on the property for drilling purposes. By September the water supply is confined to the lower channels of the main southerly flowing creeks.

There is ample water in the area for any future mill requirements.

CLAIMS

A total of 120 contiguous claims have been located with 104 being recorded and 16 still to be recorded. The claims are owned by Cypress Resources Ltd. (N.P.L.)

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>EXPIRY DATE</u>
CYR 9 - 40	Y70109 - Y70140	August 22, 1973
FXF 1 - 8	Y70141 - Y70148	August 22, 1973
ED 1 - 8	Y70149 - Y70156	August 22, 1973
PB 1 - 8	Y70157 - Y70164	August 22, 1973
ZN 1 - 8	Y70165 - Y70172	August 22, 1973
CYP 1 - 28	Y70173 - Y70200	August 22, 1973
CYP 29 - 40	Y84601 - Y48612	August 22, 1973

The Screw #1 to #16 were located on September 15 but are still to be recorded.

HISTORY

The geology of the Goz Creek-Bonnet Plume area was sketch mapped by Dr. J. O. Wheeler of the Geological Survey of Canada in 1952. The area that is presently staked by Cypress was not traversed at that time. The G. S. C. has recently completed a more detailed mapping program of this area in 1972. The preliminary geological maps are expected to be released late in 1973.

The Bonnet Plume area has been prospected by individuals and companies, but there are no reports of lead-zinc mineralization being found in the Goz Creek area. In 1967 there was an extensive exploration program carried out by Bonnet Plum Mines Ltd. on a copper-cobalt-silver occurrence 45 miles to the northwest of the Goz Creek area. A winter tote road was constructed to the property from Mayo. Between 1966 and 1969, an extensive exploration program consisting of geological, geophysical and geochemical surveys as well as diamond drilling was completed on the property. There has been no additional work done on the property since that time.

During the summer of 1973, Barrier Reef Resources Ltd. discovered a significant zone of zinc mineralization near the confluence of Goz and Duo Creek. The news of this discovery precipitated a staking rush that has resulted in the location of over 1,800 contiguous claims in a belt 35 miles long and up to five miles wide. The Cypress claim block is located ten miles to the west of the Barrier Reef property.

GEOLOGY

General

The south side of the Bonnet Plume Range bordering the Bonnet Plume River is underlain by a thick sedimentary series ranging from Cambrian to Mississippian in age. The general strike of the formation is in a northwesterly direction and dips at 40° to 60° to the northeast.

Property

A preliminary geological map has been completed on a scale of 1 inch = 2,500 feet and more detailed mapping is continuing at the present time. Age determinations have been made on very generalized information.

The sedimentary sequence exposed on the southerly facing slope bordering the Bonnet Plume River is generally (with regards to thickness, continuity and attitude) a fairly uniform series. The average strike of the beds is N65°W with an overall dip of approximately 50°N although locally it can be much steeper.

The oldest unit on the property is Cambrian shale that outcrops along the northern edge of the Bonnet Plume valley floor. This formation is overlain by a thick, competent dolomite series, Ordovician to Devonian in age. An intermittent unit of crossbedded coarse sandstone may mark a disconformity between the Ordovician and Devonian Rocks.

The contact between the Devonian dolomite and overlying Mississippian shales is marked by a coarse poorly sorted conglomerate composed of

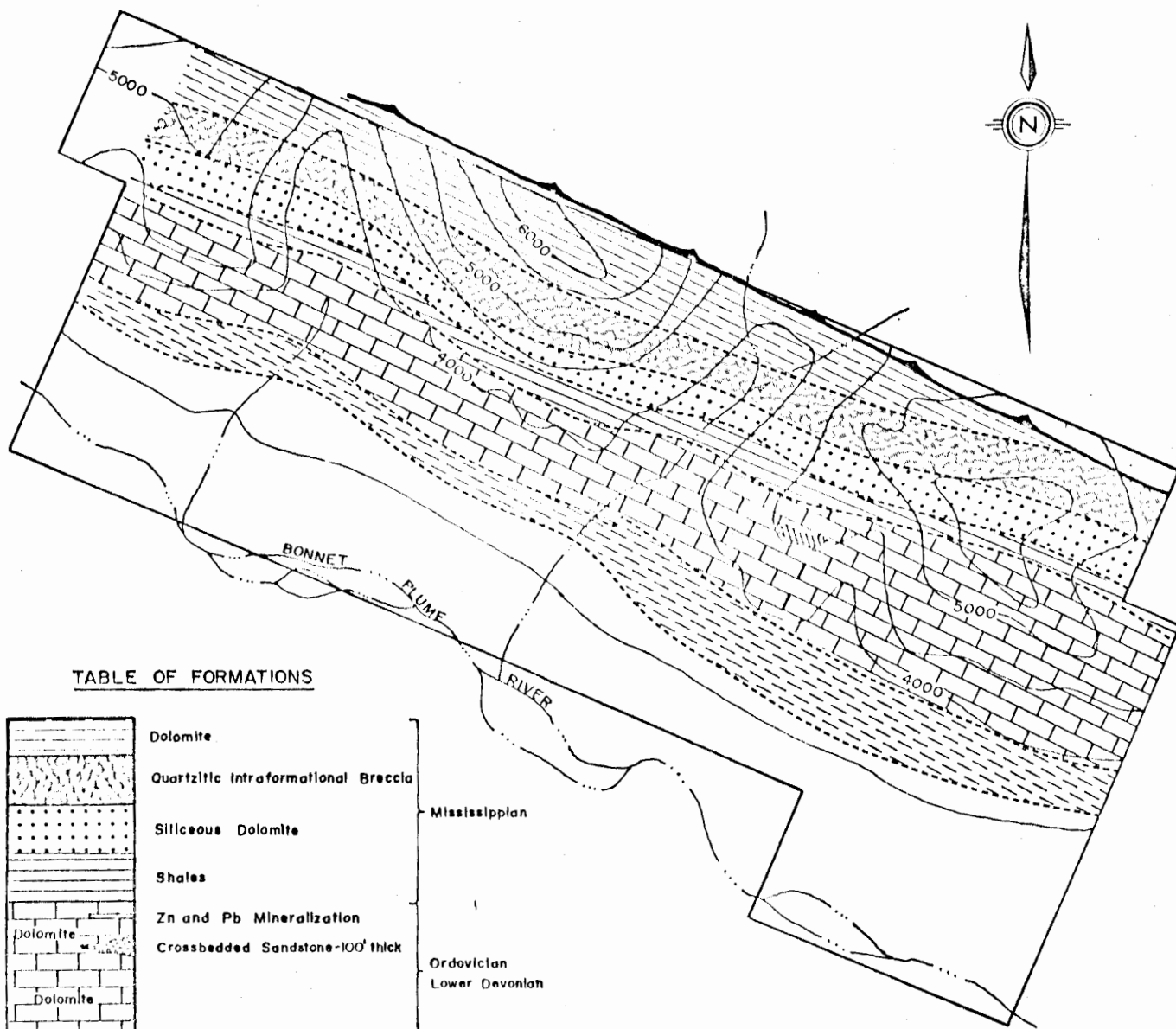


TABLE OF FORMATIONS

	Dolomite	Mississippian
	Quartzitic Intraformational Breccia	
	Siliceous Dolomite	
	Shales	Ordovician Lower Devonian
	Zn and Pb Mineralization	
	Crossbedded Sandstone-100' thick	
	Dolomite	Cambrian
	Dolomite	
	Cambrian Shales	

LEGEND

- THRUST FAULT
- GEOLOGICAL CONTACT
- CONTOUR (ELEVATION)

CYPRESS RESOURCES LTD. (N.P.L.)
VANCOUVER, CANADA

BONNET PLUME - GOZ CREEK CLAIM BLOCK

GENERAL GEOLOGY

MAYO MINING DIVISION

N.T.S. 106 C

ATLED EXPLORATION MANAGEMENT LTD.

SCALE: 500 0 1000 2000 3000

DATE: SEPT., '73 FIG. 348 A-1

round to subangular grey dolomite fragments varying from 1 inch to 4 inches in diameter in a dark brown argillaceous ground mass. This bed is approximately 100 feet thick.

Mississippian thin bedded shales weather to a dark brown colour and are less resistant to erosion than the underlying dolomite that forms a prominent ridge along the contact. The Shale unit is from 250 to 300 feet thick. The shales are overlain by a thick silicious dolomite and quartzite intraformational breccia and then by dolomite. This Mississippian dolomitic unit is approximately 2,000 feet thick.

Mineralization and Alteration

Zinc is the predominant mineral of economic interest and numerous occurrences have been found along the upper portion of the Devonian dolomite unit over a strike length of 14,000 feet. The zinc mineralization appears to be confined to the upper 400 feet of the formation. The lower contact has not been clearly defined and may be irregular. The zinc mineralized zone is remarkably continuous although the zinc content may vary considerably. Near the eastern end of the property the zinc mineralized zone outcrops at 5,600 feet and can be traced to the west continuously along strike into a creek for 2,000 feet, and over an elevation interval of 900 feet.

From this point, referred to as the "waterfall-zone" the mineralized dolomite is masked by a thin overburden cover of mixed talus and soil. It again outcrops on the next ridge to the west where it can be traced across the top of the ridge for approximately 1,500 feet. From this point going west the formation is cut by a deeply incised southerly flowing stream. Both sides of this stream are covered by talus and mixed soil and scree resulting in the zone being masked along strike for approximately 2,000 feet. It again outcrops to the west at the 4,500 foot elevation and can be traced for approximately 3,000 feet easterly in a series of prominent outcrops. This portion of the zone is referred to as the knob-zone.

Only limited prospecting has been done on the most westerly 3,000 feet of the property.

The zone continues to the east from the 5,600 foot elevation point and preliminary prospecting has located good zinc mineralization in float as well as in place.

The zinc mineralization is primarily a very light brown coloured sphalerite. It occurs as massive crystalline lenses or as discrete fine to medium grained crystals in the dolomite ground mass. It also occurs with quartz, filling fractures and cavities.

On weathered surfaces the primary spalerite is highly leached and forms an orange-brown to red oxide that is believed to be zincite.

It is associated with limonite and possibly minor amounts of smithsonite.

Galena mineralization is associated with the zinc but it is a minor constituent in the majority of the zone. It is found in the knob-zone and is commonly found as widely spaced blebs and lenses at the eastern end of the property. It forms as massive, very coarse, or very fine grained crystalline masses and is seldom found disseminated in the dolomite ground mass.

Pyrite is found throughout the zinc mineralized zone. It occurs as fine discrete cubic crystals as well as small discontinuous veinlets. Pyrite content would vary from 2% to 5% in the mineralized zone.

The zinc mineralized zone appears to be directly related to an increase in open space cavities in the dolomite. This structural feature is in part developed by the algal reef formation that is recognized in a number of areas along the zone. The reef structure has been masked by secondary recrystallization and possibly by some tectonic brecciation. The open spaces have been filled by crystalline quartz and the dolomite fragments have been weakly silicified.

The structural control of the zinc mineralization has not been clearly defined and more detailed mapping is required. In a typical section across the zinc mineralized zone there is an upper zone varying from 5 to 25 feet thick close to the shale contact that is fractured and carries lenses, and irregular veins of massive sphalerite.

The unit below varies from 25 to 100 feet thick and is a white to light grey fractured dolomite with only minor sphalerite. There is an irregular contact between this weakly mineralized dolomite and the lower, typically brecciated, open spaced, irregular quartz veined, weakly silicified zinc mineralized zone. The zone varies from 50 to 200 feet in thickness. This overall zone parallels the bedding but the distribution and grade of the zinc mineralization is affected by a number of other features that include the extent and nature of the reef formation and the intensity of the brecciation.

Although poorly defined by the preliminary mapping a few well mineralized cross structures have been recognized near the upper shale contact.

SAMPLING

A number of character samples taken by the Cypress prospectors and by the writer assayed as follows:

<u>SAMPLE NO.</u>	<u>DESCRIPTION</u>	<u>ZINC %</u>	<u>LEAD %</u>	<u>SILVER oz./T.</u>
963	Specimen of orange-brown limonitic, leached dolomite breccia.	9.50	-	-
964	Light grey dolomite minor disseminated sphalerite; knob-zone.	1.50	-	-
965	Float-massive galena in algal reef formation eastern zone.	0.78	76.8	0.15
966	Fresh, massive sphalerite lens from upper zone at 5,600 foot elevation	59.3	0.37	0.39
967	Light grey dolomite disseminated Sphalerite; banded knob zone	1.22	-	-
968	Zinc mineralized breccia zone at 5,600 foot elevation.	54.5	0.45	0.52
969	Float orange-brown leached material - 500 feet west of waterfall zone.	10.25	-	-

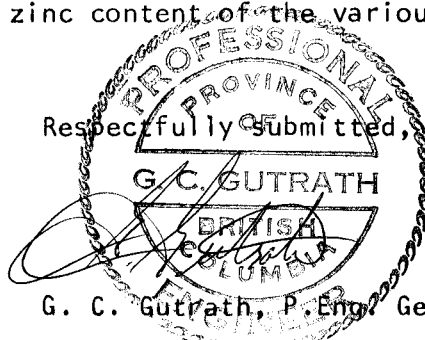
Additional chip samples have been taken across the zone in an attempt to determine the extent of the zone. This sampling will not be an accurate test of the overall grade of the zone because of the intense surface leaching of the zinc mineralization. However, it will help in determining the zinc content of the various types of mineralized zones.

Respectfully Submitted,

G. C. GUTRATH

BRITISH
COLUMBIA

G. C. Gutrath, P. Eng. Geologist

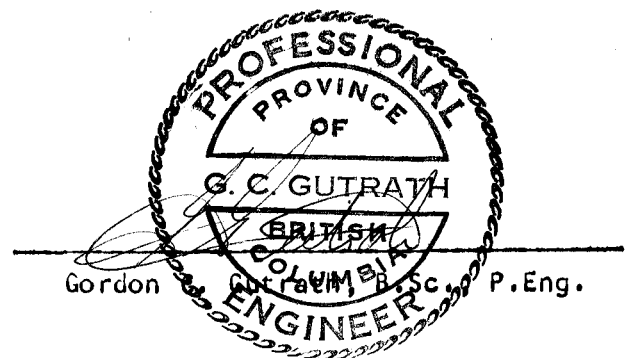


A P P E N D I X

ENGINEER'S CERTIFICATE

I, GORDON C. GUTRATH, of 3636 Lakedale Avenue, in the Municipality of Burnaby, in the Province of British Columbia, DO HEREBY CERTIFY:-

1. That I am a consulting geologist with a business address of #420-475 Howe Street, Vancouver 1, B. C.
2. That I am a graduate of the University of British Columbia where I obtained my B.Sc. in geological science in 1960.
3. That I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia.
4. That I have practised my profession as a geologist for the past twelve years, and
5. That I have no interest in the property with which this report is concerned, nor do I expect to receive any such interest. I have no interest in the securities of Cypress Resources Ltd. (N. P. L.).



DATED at the City of Vancouver, Province of British Columbia, this 4 day of Feb., 1973.



ASSAYERS
CHEMISTS
GEOCHEMISTS

CORE LABORATORIES LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

Certificate of Analysis

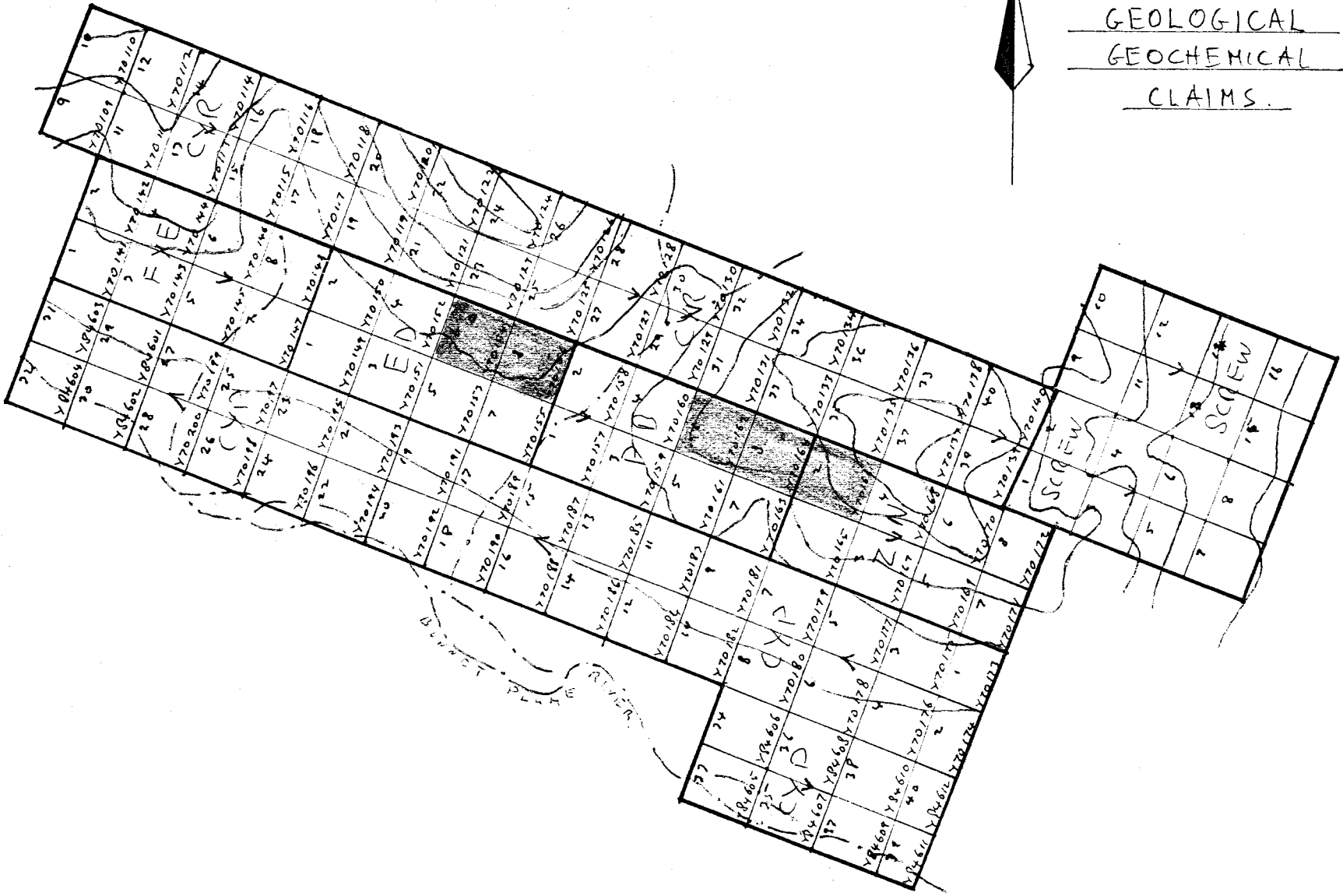
REPORT NO.
1027-30-7031

SAMPLE(S) FROM: CYPRESS RESOURCES
325 Howe St.,
Vancouver, B.C.

SAMPLE NO.	Zn n(%)	Pb (%)	Ag (oz/t)
963	9.50	-	-
964	1.15	-	-
965	.78	76.8	.15 - will check
966	59.3	.37	.39
967	1.22	-	-
968	54.5	.45	.52
969	10.25	-	-

DATE 19 September 1973 SIGNED _____

GEOLOGICAL
GEOCHEMICAL
CLAIMS.



EXPLORATION TIMETABLE

1. CYR, FXE, ED, PB, ZN and CYP claims staked on August 22nd 1973.
2. SCREW claims staked on September 15th 1973.
3. Prospecting, geological mapping and geochemical sampling carried out from September 1st - September 13th 1973 by:
 - A. Floyd 101 - 325 Howe Street, Vancouver, B.C.
 - C. Coe 101 - 325 Howe Street, Vancouver, B.C.
 - N. Newsom 101 - 325 Howe Street, Vancouver, B.C.
4. Property examined by G. Gutrath, P. Eng. on September 13th 1973.
5. Drill crew brought in from Mayo and drill moved from LAD claims on Bonnet Plume River to first drill site on September 14th 1973.
6. Three Drill holes put down, 73-1 on ED 6 and 73-2, 73-3 on PB 8.
7. Drilling operation completed on October 8th 1973.

BONNET PLUME ZINC-LEAD PROPERTY
NORTH-EASTERN YUKON TERRITORY

64 25' N 132 55' W

SUPPLEMENTARY REPORT FOR

CYPRESS RESOURCES LTD.

BY

G.C. GUTRATH, P. ENG., GEOLOGIST
A. FLOYD, B.SC., M.SC., GEOLOGIST

OCTOBER 1973

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GEOLOGY

GENERAL

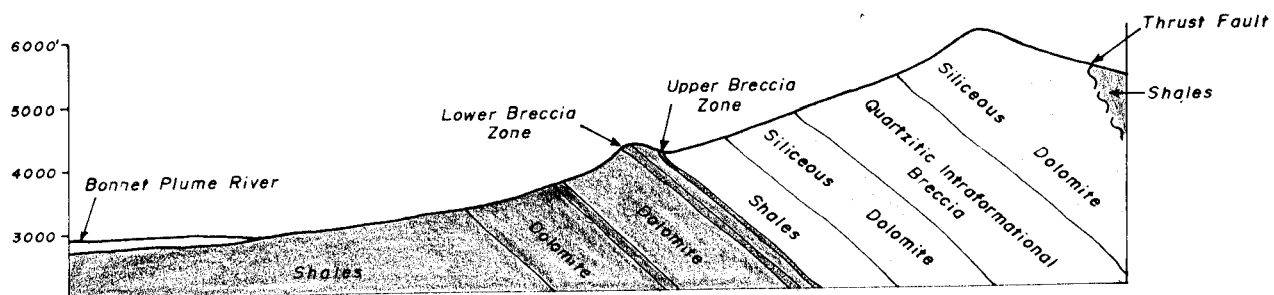
As outlined in G. Gutrath's October 1973 report on this property, the 120 claims on the north side of the Bonnet Plume range, bordering the Bonnet Plume river are underlain by a thick sedimentary series of palaeozoic age.

The base of the sequence is marked by a great thickness of Cambrian shales which is overlain by some 2,000 ft of carbonates. In the middle of the sequence of carbonates lies a coarse grit unit often exhibiting cross and graded bedding. It is variable in thickness and in places it may pinch out. Overlying the carbonates is a thin poorly sorted conglomerate unit often with rounded fragments of dolomite in an argillaceous matrix. It is 100 ft thick and weathers to a characteristic rusty brown colour. This conglomerate grades into micaceous shales some 800 ft thick which are usually recessive. Above these shales is 600 ft of silicious dolomite then 600 ft of quartzitic infraformational breccia and another 600 ft of silicious dolomite. (See Fig. 1)

In total a section of over 6,000 ft of sedimentary rocks is present in which only the upper 1,000 ft of the lower carbonates has been examined in any detail for it is in this section of the series that the mineralisation would appear to be confined.

SSW

NNE



CYPRESS RESOURCES LTD. (NPL)

TYPE GEOLOGICAL SECTION

Date - SCALE 1 in. = 3000 ft. Figure -

Near the north eastern margin of the claims is a thrust of considerable size which brings Cambrian shales to rest on the upper carbonate sequence. This is the only major viable structural feature which dislocates the rocks to any extent for although strong jointing and fracturing are visible in all the rocks, little lateral or vertical movement has taken place.

LOWER CARBONATES & MINERALISATION

Surface examination of the upper 1,000 ft of the lower carbonates shows that the dolomitisation has taken place throughout the whole sequence and recrystallisation occurs throughout a large proportion of the sequence.

Secondly there exists two zones of brecciated material, one 30 ft. thick at the carbonate - conglomerate contact and the other some 100 - 150 ft thick some 150 ft down the sequence.

Recrystallisation would appear to be total in the vicinity of these zones and it is within these zones that the mineralisation of sphalerite and galena appear to be concentrated plus the addition of pyrite and quartz.

The attitude of these zones coincide with the dip and strike of the country rocks but is also very similar to the nearby thrust fault attitude.

Chip sampling and drill core assays indicate that the carbonates in the vicinity of the breccia zones possess higher than background values of zinc but only the breccia zones possess the pods of ore grade mineralisation.

Many cross fractures and a well defined closely spaced joint pattern are visible perpendicular to the strike of the breccia zones but as yet no specific structure has been seen to control the mineralisation.

Examination of the drill core has allowed the sequence of brecciation, recrystallisation, dolomitisation, solution and vugs and fracture filling to be determined. Dolomitisation has been completed throughout the whole lower carbonate sequence thus removing a lot of the original textures but it seems that the majority of the carbonate was a micrite with considerable terrigenous material in the form of quartz. Early in the formation of this rock a breccia and slumping phase took place which can only now be seen as a ghost texture due to the recrystallisation of the majority of the carbonate sequence. Some solution took place leaving vugs which were later infilled with several phases of drusy textured carbonates, quartz and finally bitumen. Some sphalerite lines the walls of these vugs and minor galena occurs in the centre of vugs instead of bitumen.

In the specific mineralised zones the dolostones have undergone a second phase of brecciation of fracture filling with sphalerite, pyrite and quartz.

The sphalerite is pale brown, semi-transparent and quite coarse. In the unbrecciated country rock minor disseminated sphalerite is present.

In short, the sequence of events is as follows:-

1. Sedimentation - layers of micrite and quartz grains
2. Slumping and brecciation
3. Recrystallisation and solution
4. Vug filling with minor sphalerite, carbonates, quartz galena and bitumen.
5. Dolomitisation
6. Brecciation
7. Fracture filling with quartz, pyrite and sphalerite

Although at this early stage propounding a theory is somewhat premature, it would appear that the upper 500 ft of the lower carbonate series is generally zinc rich and that late stage brecciation and remobilisation has led to the production of high grade zones within the zinc rich layers.

Silicification as well as dolomitisation has occurred sporadically in the zones of mineralisation producing textures very similar to those present on Barrier Reef's ground at Goz creek. Carbonate fragments are totally silicified within the breccia and sphalerite infills the fractures. Often on surface the sphalerite has altered to Smithsonite giving a porous cellular texture out of which the siliceous fragments protrude.

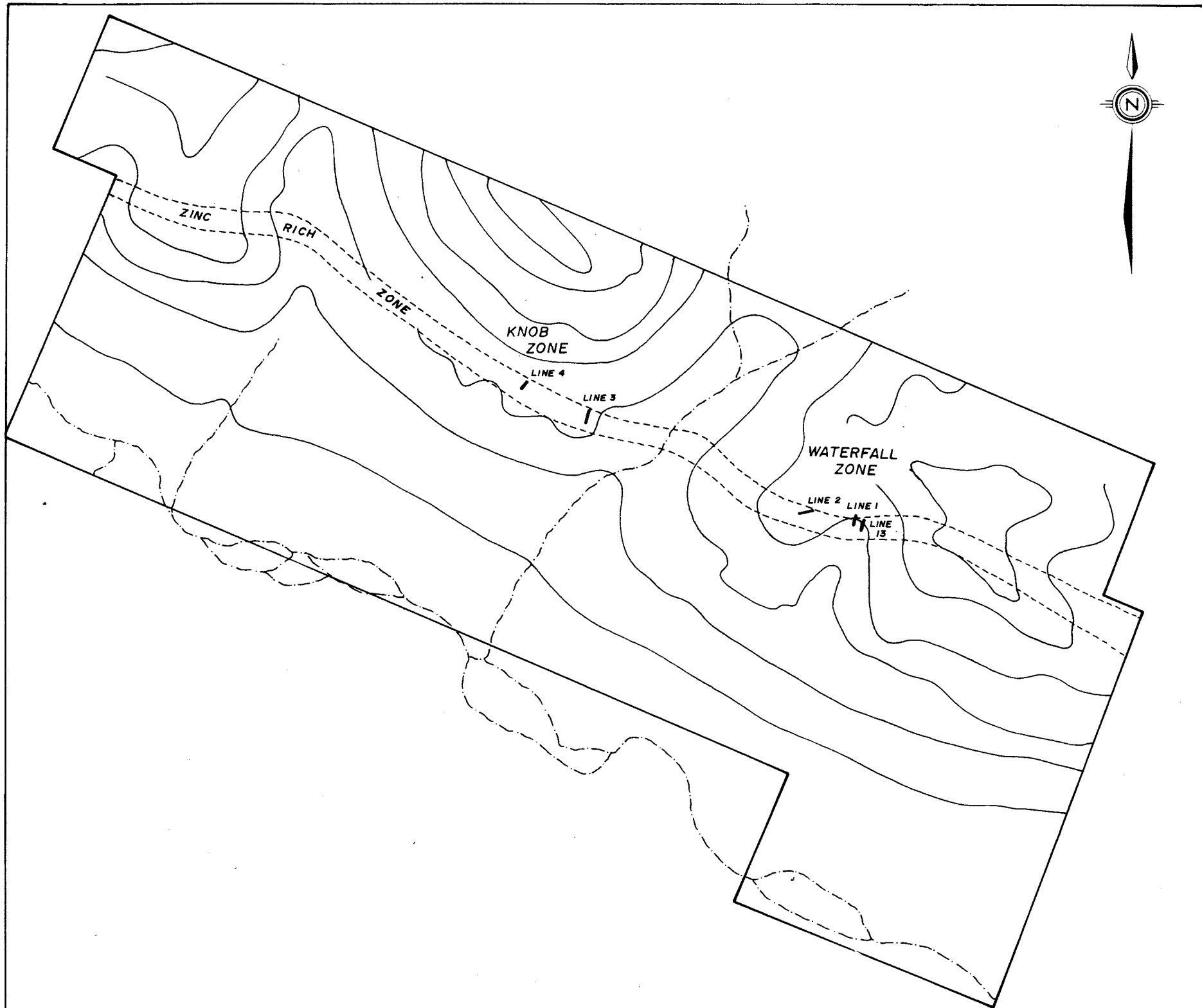
SURFACE ROCK SAMPLING

A chip sampling program was carried out over areas of mineralisation and in areas which responded strongly to the zinc oxide test. In total 4140 ft of sampling was carried out which involved 414 samples each sample representing 10 ft of rock. Each sample was crushed, sieved and assayed for Zinc by atomic absorption. The majority of the lines only crossed zinc mineralisation so Lead was not assayed. (See Fig. 2 in Map Pocket)

The results were statistically analysed and a background population of less than 0.8% zinc was defined for the rocks sampled with a mode of 0.05% zinc. Greater than 0.8% zinc was defined to be anomalous and these values were marked on the map. Thirteen lines were run over a strike length of 10,000 ft. Good intersections were found on five of the lines. (See Fig. 3)

On Line 1	30 ft	Ave	6.7%	Zn
Line 2	20 ft	Ave	11.1%	Zn
Line 3	100 ft	Ave	2.8%	Zn
Line 4	60 ft	Ave	3.2%	Zn
Line 13	60 ft	Ave	5.27%	Zn

It is relevant to note that where the stringers of sphalerite were thin, but very extensive, considerable leaching was observed which led to very good zinc oxide reaction but poor chip sample results. Only where the sphalerite was more massive and less fractured did the results correlate with observed



CYPRESS RESOURCES LTD. (N.P.L.)

CHIP SAMPLING LINES

Date - SCALE 1 in. = 2500 ft Figure -

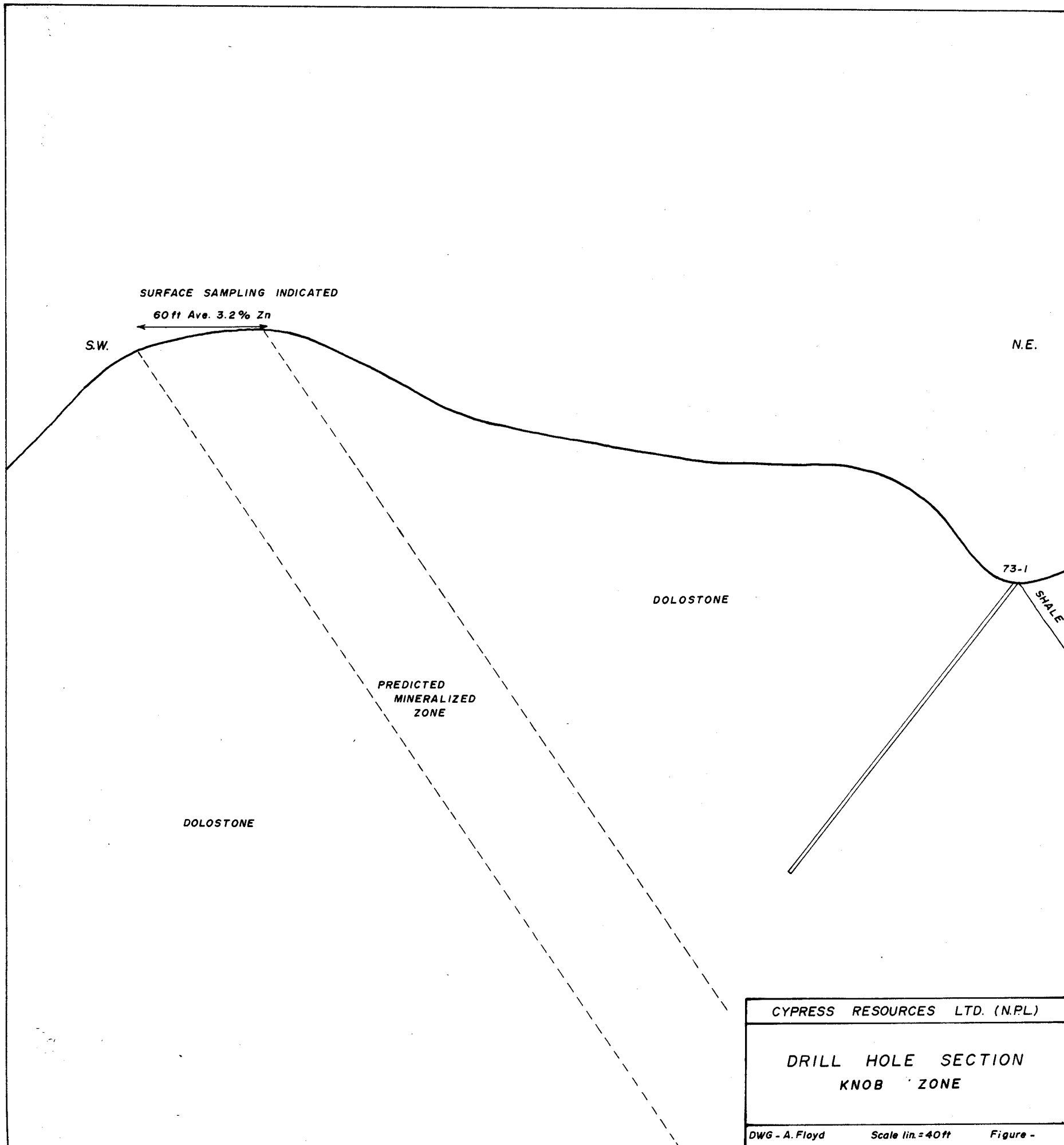
mineralisation. Moreover good intersections were found where the slope was not too steep and leaching was visably poorly developed. On and around Lines 11 and 12 massive sphalerite was observed and some samples assayed out at 51% zinc. But examination of the chip sample locations in this zone showed the rock to be deeply leached in places due mainly to the ease of water percolation through the rock on such a steep slope.

DIAMOND DRILLING

Following reconnaissance mapping, prospecting and chip sampling of the mineralised zones, three drill holes were put down on the property, 200, 129 and 102 ft respectively, in total 431 ft of drilling using a BBS1 modified for wireline drilling and recovering AQ core.

The first hole which was located on the 'knob' zone failed to intersect the mineralised zone sampled on Line Four as the hole was terminated at 200 ft due to water problems. It was felt though that had the hole continued this zone would have been encountered at depth. (See Fig. 4)

The second hole was located near the 'waterfall' zone at the top of Line One where a 30 ft zone of mineralisation on surface averaged 6.7% zinc. This hole was collared in mineralisation and encountered a 28 ft intersection averaging 8.3% zinc. This hole was continued in the hope that the lower breccia zone would be encountered but since it had still not intersected it after 129 ft the hole was closed down and the drill moved to a position between Line One and Thirteen but further down the sequence in the hope that an intersection corresponding to the 60 ft of 5.27% zinc would be encountered at depth. This was not possible as weather conditions caused the closing down of drilling operations on October 7th when temperatures reached 0 deg. Fahrenheit and one foot of snow had fallen. The hole had reached 102 ft and had only made a 12 ft intersection of disseminated sphalerite running 0.57% zinc. (See Fig 5)



CONCLUSIONS

The reconnaissance geological mapping clearly outlined the distribution of the carbonate unit in which the known mineralisation is seen to occur and it can be seen that, in large scale, the geology is fairly simple and little folding and faulting has occurred to displace any of the units appreciably.

The zinc rich zone extends the length of the claim group i.e. 22,000 ft and is up to 400 ft wide but the breccia zones in which the significant mineralisation is present occurs sporadically throughout the zone.

Chip sampling and drilling have outlined the presence of ore grade mineralisation in several parts of this zone and these better chip sample intersections represent the larger, more massive surface outcrop of the pods of zinc mineralisation.

Finally, identification of the cross and graded bedded grit unit within the lower carbonate sequence on both this property and the Barrier Reef property at Goz creek and its position in relation to the mineralisation on both properties indicate that both showings lie at the same stratigraphic level.

RECOMMENDATIONS

In addition to the program outlined by G. Gutrath in the first report some geophysical surveying is thought necessary in order to guide the drilling. An Induced Polarisation survey of limited extent would delineate the highest concentration of breccia zones at depth due to the ubiquitous association of pyrite with sphalerite. If a near miss occurred in drilling, borehole Induced Polarisation could be carried out to outline the attitude of the known mineralised horizons at depth.

ESTIMATED COSTS

ADDITION TO PHASE 1

Induced Polarisation Survey

Approximately 7 Line miles

\$ 7,000

Total - Phase 1

\$142,000

=====

BREAKDOWN OF EXPLORATION COSTS

Examination of the statement of expenditure for geological and geochemical surveys shows that the total expenditure was \$11,531.89 with the actual work being concentrated on ED 6 - Y70154, ED 8 - 670156, PB 6 - Y70162, PB 8 - Y70164, ZN 2 - Y70166. For distribution of exploration cost, \$2,000 has been allocated to each of these claims.

Examination of the statement of expenditure for drilling shows that the total expenditure was \$30,599.79 for a total of 431 ft of drilling. Diamond Drill Hole 73-1 on ED 6 - Y70154 was 200 ft deep whilst 73-2 and 73-3 on PB 8 - Y70164 went to 129 ft and 102 ft respectively. In accordance with usual mining practice I have allocated the percentage costs to each of the drilled claims on a footage basis.

ED 6 - Y70154	200 ft	\$14,000.00
PB 8 - Y70164	231 ft	\$16,000.00

Note 1. It must be noted that no water was available for drilling within 3,000 ft at that time of the year and the helicopter was employed to carry water to the drill sites in drums and later in a water bucket. This is why the drilling costs are so high.

Note 2. The Drill core is located on the property.

Note 3. Assays were taken only for Zinc and the results are shown on the diagram in the supplementary report. Only sections of the core with visible mineralisation were assayed, barren core was not assayed.

May 3, 1974

I, Anthony Floyd of 705 - 900 West Hastings Street, Vancouver, B.C. make oath and say that as an agent for Cypress Resources Limited (NPL) I have caused to be done geological work on CYR9-40, FXE1-8, ED1-8, DB1-8, ZN1-8, CYP1-40, and Screw 1-16 situated at the Bonnet Plume River, claim sheet 106C-7 in the Mayo Mining District to the value of \$11,531.89 since the 22nd day of August, 1973.

The following is a detailed statement of such work.

Assays	\$ 2,053.00
Assay freight	108.38
Helicopter	4,172.81
Geological and drilling supervision 40 days @ \$50.00 per day	2,000.00
Assistant wages 14 days @ \$35.00 per day	490.00
Travel expenses for geologist and assistant	452.00
Report expense	
First report	1,253.97
Second report	
Geologist wages 20 days @ \$45.00	900.00
Expenses	<u>101.73</u>
Total Geological expense	<u>\$ 11,531.89</u>

Sworn before me at

Vancouver, BC

this

6th

day of

May

, 1974.

Bruce A. Rose

Notary Public

A. Floyd

NORTHWARD AIRLINES LIMITED

AIR BILL NON-NEGOTIABLE

Conditions are accepted in apparent good order (except as noted) for transportation as specified herein, subject to governing tariffs and regulations which are filed in accordance with law. Said classifications and tariffs which are available for inspection at all times are hereby incorporated into and made a part of this contract.

(THIS SECTION TO BE COMPLETED BY CARRIER)
 ORIGINATING STATION CODE **MA** AIRBILL NUMBER **40712**

CONSIGNOR (NAME) **Cyprus Resources**
 CONSIGNOR'S STREET ADDRESS **Mapo**
 CITY **Mapo** ZONE _____ PROV. _____
 CONSIGNOR'S NO. _____
 DECLARED VALUE **\$**
 Agreed and understood to be not more than the value stated in the governing tariffs for each pound on which charges are assessed, unless a higher value is declared and applicable charges paid thereon.

TO CONSIGNEE) **WHITEHORSE ASSAY OFFICE**
 CONSIGNEE'S STREET ADDRESS _____
 CITY **WHITEHORSE** PROV. OR STATE **VT** COUNTRY **VT**
 DESTINATION AIRPORT (CITY) **WHITEHORSE** CONSIGNEE'S NO. _____
 INSERT SPECIFIC ROUTING HERE. AIRLINE ROUTING APPLIES UNLESS SHIPPER INSERTS

RECEIVED BY CARRIER AT (CHECK ONE)
 CONSIGNOR'S DOOR CITY TERMINAL AIRPORT TERMINAL

DELIVERY Will be made to the Consignee at points where delivery service is available unless otherwise specified below.
 CASH (CHECK TWO) CHARGE PREPAID COLLECT
 CITY TERMINAL AIRPORT TERMINAL

NO. OF PIECES	DESCRIPTION OF PIECES AND CONTENTS	WEIGHT	AIRLINE ROUTING		RATE	CHARGES
			TO	VIA A/LINE		
7	Boxes of samples. <i>3 sent Sept 14/73 4 to follow Sept 16/73 JR.</i>	384	YXV	NAL	.07	26 88

INSTRUCTIONS TO CARRIER
Balance payment Sep 17/73
Geo. Spaldin

SUMMARY OF CHARGES	PREPAID CHARGES	COLLECT CHARGES
WEIGHT-RATE CHARGES	26 88	
PICK UP CHARGE		
DELIVERY CHARGE		
EXCESS VALUE TRANSPORTATION CHARGE		
SERVICE CHARGE ON ADVANCE AND/OR C. O. D.		
SUB-TOTAL	26 88	
CHARGES ADVANCED COLLECT OR PREPAID BEYOND		
Consignor's C.O.D.	XX	XX
Total Charges	26 88	

Important CARRIER WILL COMPLETE ALL ITEMS BELOW BOLD LINE ▲ EXCEPT CONSIGNOR'S C. O. D. ✖
 WEIGHTS ARE SUBJECT TO CORRECTION

DIMENSIONS: _____ x _____ x _____ = CUB. INS. = _____ DIMENSIONAL WEIGHT _____

RECEIVED TO APPLY IN PRE-PAYMENT OF THE CHARGES ON THE PROPERTY DESCRIBED HEREON.

AGENT **X Geo. Spaldin**

DATE **14/9/73** TIME **355** P.M.

RECEIVED IN APPARENT GOOD ORDER EXCEPT AS NOTED BY NORTHWARD AIRLINES LIMITED.

AGENT **J. Donaghan**

AT **Mapo** DATE **Sept. 14/73** TIME **11:30** P.M.

WE AGREE TO PAY THE AMOUNT OF \$ _____
 FIRM NAME _____
 PER _____

9-10-73



NORTHWARD AIRLINES LIMITED

105 10240 - 124 STREET, EDMONTON, ALBERTA T5N 3W6 PHONE: 488-4895

DATE OF INVOICE

September 30, 1973

INVOICE NO.

4525

IN ACCOUNT WITH

Cyprus Resources
Mayo, Yukon Territories

TERMS: NET 30 DAYS.
PLEASE PAY ON RECEIPT OF INVOICE.
INTEREST AT 1% PER MONTH (12% P.A.)
CHARGED ON OVERDUE ACCOUNTS.

DATE	TICKET NO.	PASSENGER		WARRANT NO.	MILES OR HOURS	RATE	AMOUNT
		F / R	AIRCRAFT	BASE			
	<u>AIRBILLS:</u>						
	MA 40712						\$ 26.88
TOTAL AMOUNT							\$ 26.88

PLEASE RETURN WITH YOUR REMITTANCE

NORTHWARD AVIATION LTD.

NORTHWARD

IR BILL NON-NEGOTIABLE

It is mutually agreed that the goods herein described are accepted in apparent good order (except as noted) for transportation as specified herein, subject to governing classifications and tariffs in effect as of the date hereof which are filed in accordance with law. Said classifications and tariffs which are available for inspection at all Northward Aviation Ltd. offices, are hereby incorporated into and made a part of this contract.

(THIS SECTION TO BE COMPLETED BY CARRIER)
 ORIGINATING STATION CODE xy AIRBILL NUMBER 36266

FROM (CONSIGNOR) <u>CH. MUELLER</u> CONSIGNOR'S STREET ADDRESS <u>13649 BLACKBURN AVE</u> CITY <u>White Rock BC</u> ZONE _____ PROV. _____ CONSIGNOR'S NO. _____	TO (CONSIGNEE) <u>ED MUELLER</u> CONSIGNEE'S STREET ADDRESS <u>70 CYPRESS RESOURCES</u> CITY <u>MAYO</u> PROV. OR STATE <u>YT.</u> COUNTRY _____ DESTINATION AIRPORT (CITY) _____ CONSIGNEE'S NO. _____
X NOTE CONDITION OF CARRIAGE ABOVE DECLARED VALUE Agreed and understood to be not more than the value stated in the governing tariffs for each pound on which charges are assessed, unless a higher value is declared and applicable charges paid thereon. \$ _____	

RECEIVED BY CARRIER AT (CHECK ONE) <input type="checkbox"/> CONSIGNOR'S DOOR <input type="checkbox"/> CITY TERMINAL <input type="checkbox"/> AIRPORT TERMINAL	DELIVERY Will be made to the Consignee at points where delivery service is available unless otherwise specified below. <input type="checkbox"/> CITY TERMINAL <input type="checkbox"/> AIRPORT TERMINAL
<input type="checkbox"/> CASH (CHECK TWO) <input type="checkbox"/> CHARGE <input type="checkbox"/> PREPAID <input checked="" type="checkbox"/> COLLECT	

NO OF PIECES	DESCRIPTION OF PIECES AND CONTENTS	WEIGHT	AIRLINE ROUTING		RATE	CHARGES
			TO	VIA AIRLINE		
1	Box	7LBS			MN	5.00

INSTRUCTIONS TO CARRIER

Important CARRIER WILL COMPLETE ALL ITEMS BELOW BOLD LINE **EXCEPT CONSIGNOR'S C.O.D.**

WEIGHTS ARE SUBJECT TO CORRECTION

DIMENSIONS	DIMENSIONAL WEIGHT
X X = CUB INS	WEIGHT

RECEIVED TO APPLY IN PRE-PAYMENT OF THE CHARGES ON THE PROPERTY DESCRIBED HEREON

BY _____ AGENT
 RECEIVED IN GOOD ORDER EXCEPT AS NOTED.

CONSIGNEE _____

DATE _____ 19 _____ TIME _____ A.M. / P.M.

RECEIVED IN APPARENT GOOD ORDER EXCEPT AS NOTED BY NORTHWARD AVIATION LTD.

AGENT [Signature]
 AT xy ON 10/9/73 19 _____ TIME _____ A.M. / P.M.

FREIGHT

2

SUMMARY OF CHARGES	PREPAID CHARGES	COLLECT CHARGES
WEIGHT-RATE CHARGES		
PICK UP CHARGE		
DELIVERY CHARGE		
EXCESS VALUE TRANSPORTATION CHARGE		
SERVICE CHARGE ON ADVANCE AND/OR C.O.D.		
SUB-TOTAL		
CHARGES ADVANCED COLLECT OR PREPAID BEYOND		
→ Consignor's C.O.D.	XX	XX
Total Charges		5.00

I/WE AGREE TO PAY THE AMOUNT OF 5.00
 FIRM NAME [Signature]
 PER _____ (AUTHORIZED REPRESENTATIVE)

THIS IS YOUR ONLY INVOICE

F 36266

PRINTED IN CANADA
 MAL 105

19/10/73



NORTHWARD

NORTHWARD AIRLINES LIMITED

705 10240 — 124 STREET, EDMONTON, ALBERTA T5N 3W6 PHONE: 488-4895

DATE OF INVOICE

September 30, 1973

INVOICE NO.

4863

IN ACCOUNT WITH

Cypress Resources
 Mayo
 Yukon Territory

TERMS: NET 30 DAYS.
 PLEASE PAY ON RECEIPT OF INVOICE.
 INTEREST AT 1% PER MONTH (12% P.A.)
 CHARGED ON OVERDUE ACCOUNTS.

DATE	TICKET NO.	PASSENGER		WARRANT NO. BASE	MILES OR HOURS	RATE	AMOUNT
		F / R	AIRCRAFT				
	<u>AIRBILLS:</u>						
	XY 36266						\$ 5.00
TOTAL AMOUNT.....							\$ 5.00

PLEASE RETURN WITH YOUR REMITTANCE

WHITE PASS & YUKON ROUTE

1

THE BRITISH YUKON NAVIGATION COMPANY LTD.

STRAIGHT BILL OF LADING -- ORIGINAL -- NOT NEGOTIABLE

Shipper's No. 155718
Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Original Bill of Lading.

at MATO
(Point of origin)

SEPT 21, 1973
(Date)

From CY PROSS ROSENACB
(Shipper)

The goods described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as shown below, which said Carrier agrees to carry and deliver to said Consignee at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said goods over all or any portion of said route to destination and as to each party at any time interested in all or any of said goods, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including conditions on the back hereof, and which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to WHITEHORSE ASSAY OFFICE

Destination WHITEHORSE } Province or
State of _____

Route _____

No. Pieces	DESCRIPTION OF ARTICLES AND SPECIAL MARKS	Gross Weight Subject to Correction	Rate	Freight Charges	CHARGES		
					Mark Prepay or Collect with X	Prepay	Collect
1	Box SAMPLES	147	11		X		
					FREIGHT CHARGES	\$ 4.00	
					ADVANCES		
					BACK		
					C.O.D. AMOUNT		
					C.O.D. FEE		
					TOTAL CHARGES		
					PREPAID TO APPLY	4.00	
					TOTAL TO COLLECT		
					PREPAID BEYOND		
					Charge to		
				Total freight charge			

NOTE:—Articles will not be accepted for shipment unless properly packaged and addressed.

Received Payment

[Signature]

Shipper *[Signature]*
Per *[Signature]*

WHITE PASS & YUKON ROUTE
The British Yukon Navigation Company Ltd.

Per _____

(This Bill of Lading is to be signed by the shipper and the carrier issuing same.)

WHITE PASS & YUKON ROUTE

THE BRITISH YUKON NAVIGATION COMPANY LTD.

1

STRAIGHT BILL OF LADING -- ORIGINAL -- NOT NEGOTIABLE

Shipper's No. 155712

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Original Bill of Lading.

at MAYO
(Point of origin)

SEPT 10 1923
(Date)

From CYPRUS RESOURCES
(Shipper)

The goods described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as shown below, which said Carrier agrees to carry and deliver to said Consignee at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said goods over all or any portion of said route to destination and as to each party at any time interested in all or any of said goods, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including conditions on the back hereof, and which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to WHITENORSE ASSAY OFFICE

Destination WHITENORSE

Route _____ } Province or State of _____

No. Pieces	DESCRIPTION OF ARTICLES AND SPECIAL MARKS	Gross Weight Subject to Correction	Rate	Freight Charges	CHARGES		
					Mark Prepay or Collect with X	Prepay	Collect
1	Box samples	600	M			X	
					FREIGHT CHARGES	\$ 4.00	
					ADVANCES		
					BACK		
					G.O.D. AMOUNT		
					G.O.D. FEE		
					TOTAL CHARGES		
					PREPAID TO APPLY	4.00	
					TOTAL TO COLLECT		
					PREPAID BEYOND		

Total freight charge

Charge to

NOTE:—Articles will not be accepted for shipment unless properly packaged and addressed.

[Signature]

Received Payment
[Signature]

WHITE PASS & YUKON ROUTE
The British Yukon Navigation Company Ltd.

Per _____

(This Bill of Lading is to be signed by the shipper and the carrier issuing same.)



NORTHWARD AIRLINES LIMITED

AIR BILL NON-NEGOTIABLE

(THIS SECTION TO BE COMPLETED BY CARRIER)

ORIGINATING STATION
CODE

AIRBILL NUMBER

It is mutually agreed that the goods herein described are accepted in apparent good order (except as noted) for transportation as specified herein, subject to governing classifications and tariffs in effect as of the date hereof, which are filed in accordance with law. Said classifications and tariffs which are available for inspection at all Northward Airlines Limited offices, are hereby incorporated into and made a part of this contract.

FROM (CONSIGNOR)
BOYLES OPERATION
 CONSIGNOR'S STREET ADDRESS
1102 FRANKLIN
 CITY ZONE PROV.
VANCOUVER
 BY **018-18525124**
 X NOTE CONDITION OF CARRIAGE ABOVE
 DECLARED VALUE **Agreed and understood to be not more than the value stated in the governing tariffs for each pound on which charges are assessed, unless a higher value is declared and applicable charges paid thereon.**
\$ 1.00

TO (CONSIGNEE)
CYPRESS RES
 CONSIGNEE'S STREET ADDRESS
 CITY **MAYO HELICOPTERS**
 PROV. OR STATE COUNTRY
MAYO YUKON TER
 DESTINATION AIRPORT (CITY)
 CONSIGNEE'S NO.
 INSERT SPECIFIC ROUTING HERE. AIRLINE ROUTING APPLIES UNLESS SHIPPER INSERTS

RECEIVED BY CARRIER AT (CHECK ONE)
 CONSIGNOR'S DOOR
 CITY TERMINAL
 AIRPORT TERMINAL

DELIVERY Will be made to the Consignee at points where delivery service is available unless otherwise specified below.
 CITY TERMINAL
 AIRPORT TERMINAL

CASH (CHECK TWO)
 CHARGE
 PREPAID
 COLLECT

NO OF PIECES	DESCRIPTION OF PIECES AND CONTENTS	WEIGHT
2	1 PKG 1 TUB	70

RATE	CHARGES	AIRLINE ROUTING	
		TO	VIA AIRLINE
09			

INSTRUCTIONS TO CARRIER

SUMMARY OF CHARGES	PREPAID CHARGES	COLLECT CHARGES
WEIGHT-RATE CHARGES		6.30

Important CARRIER WILL COMPLETE ALL ITEMS BELOW BOLD LINE EXCEPT CONSIGNOR'S C. O. D. WEIGHTS ARE SUBJECT TO CORRECTION

DIMENSIONS: **38.00** x **10** x **10** = CUB. INS. DIMENSIONAL WEIGHT
 RECEIVED TO APPLY IN PRE-PAYMENT OF THE CHARGES ON THE PROPERTY DESCRIBED HEREON.
 BY **[Signature]** AGENT
 RECEIVED IN GOOD ORDER EXCEPT AS NOTED.

CONSIGNEE
 DATE **19** TIME **3** A.M. P.M.
 RECEIVED IN APPARENT GOOD ORDER EXCEPT AS NOTED BY NORTHWARD AIRLINES LIMITED.
 AGENT **[Signature]**
 AT **X-1** DATE **Sept 23 1973** TIME **3** A.M. P.M.

PICK UP CHARGE		
DELIVERY CHARGE		
EXCESS VALUE TRANSPORTATION CHARGE		
SERVICE CHARGE ON ADVANCE AND/OR C. O. D.		

PAID
SEP 23 1973
CH 57

SUB-TOTAL		6.30
CHARGES ADVANCED COLLECT OR PREPAID BEYOND		31.80
Consignor's C.O.D.	XX	XX
Total Charges		38.10

WE AGREE TO PAY THE AMOUNT OF \$
 FIRM NAME
 PER

FREIGHT

CONSIGNEE'S COPY (ACCOMPANIES SHIPMENT)

F 41059

(AUTHORIZED REPRESENTATIVE)

PRINTED IN CANADA
 MAIL 109

TA-IX Rev. 8/69 It is mutually agreed that the goods herein described are to be transported by air in accordance with law. Said classifications and tariffs, which are available to governing classifications and tariffs in effect as of the date hereof which are filed in accordance with law. Said classifications and tariffs, which are available for inspection at all CP Air Offices are hereby incorporated into and made a part of this contract. Canadian Pacific Air Lines, Limited.

CP Air VANCOUVER, L CANADA **Express Airbill** Non-negotiable 018-18226832 X

Shipper: **BOYLES. LTD.** Consignee: **CYPRESS RESOURCES LTD. MAYO**
 Street Address: _____ Street Address: **1/2 TRANS NORTH TURBO AIR**
 City: **VANCOUVER B.C.** City: **WHITEHORSE Y.T.**

Shipper Must Sign Noting Conditions Of Carriage Above Declared Value For Carriage is Agreed And Understood To Be Not More Than The Value Stated In The Governing Tariffs For Each Pound On Which Charges Are Assessed, Unless A Higher Value Is Declared And Applicable Charges Paid Thereon.

Note - Delivery Will Be Made To The Consignee At Points Where Delivery Service Is Available Unless Otherwise Specified. Hold At Airport Hold At City Terminal
 Insurance Requested: No Yes \$ _____
 Prepaid: Collect:

Pieces: 1 Description Of Contents: **CTU PARTS.** Weight In Lbs.: **9**
 Rate Class: _____ Item No.: _____ Rate: _____ Weight Charge: **8.00**
 Valuation Charge: _____ Insurance Premium And Charge: _____
 Destination Airport: **XY** Pick-Up Charges: _____
 Flight: _____ Date: _____ Delivery Charge: _____

Instructions To Carrier: _____
 Cash Charge Amount Collected: _____
 Mo. Day Yr. Rec. Agt. Cy. Revenue Interline C.O.D. Wt. Wt. Chgs. Rte. Cl.
 \$ _____ 1 Code _____ Ppd Beyond Or Charges Advanced: _____
 Stn. _____ Date _____ Consignee - Goods Received In Good Order And Condition Except As Noted: _____
 Agent: _____ Signature: _____ Date: _____ Time: _____ Shipper's C.O.D.: _____
 Goods Received In Apparent Good Order (Except As Noted) By **CP Air** At: Shippers Door City Terminal Airport
 CP Office: _____ Agent: _____ Date: _____ Time: _____
 Total Charges: _____

X 018-18226832

5 Consignee's Copy

Invoice / Statement



Accounting Department, Vancouver Airport, B.C.
 D-U-N-S 20-109-9421

333031

Cypress Resources Ltd.,
 Box 81,
 Mayo, Y. T.

CP Air Ref.	Document Reference	Inv. Date	Amount
XYA 583	018 18525091	Sep 12/73	\$8.00

This Is Both An Invoice And A Statement, Please Pay On This Document Due In 7 Days.

J. A. B...

EWING TRANSPORT

Mayo, Y. T. 27 September 1973

To
Address Resource, Inc.
101 - 325 Lowell Street
Conover, N.C.

OCT 04 1973

<p>1/2 30 2/5 net 2 x 4 x 4 etc 134 153.15 S. Tax</p>	<p>20.84 1.52</p> <p><i>Oct 12/73</i> <i>Ch # 231</i></p>	
---	---	--

Terms: 30 Days . . . Nominal interest charged thereafter



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

OCT 02 1973

ASSAYERS
CHEMISTS
GEOCHEMISTS

CHARGE TO

CYPRESS RESOURCES
101- 325 Howe
Vancouver, B.C.

INVOICE No 1061
30-7031

SHIPPED TO:

DATE: 28/9/73	REFERENCE NO.:	YOUR ORDER NO.:
---------------	----------------	-----------------

SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
----------	------	-----------------------	------------	-------

11	Rock preparation	0.70	7.70
11	Zn assay	4.50	49.50
5	Ph assay	4.50	22.50
			<u>\$ 79.70</u>
	Less 10% discount		<u>8.00</u>
			<u>\$ 71.70</u>



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

ASSAYERS
CHEMISTS
GEOCHEMISTS

OCT 09 1973

C
H
A
R
G
E

T
OCYPRESS RESOURCES
325 Howe St.,
Vancouver, B.C.

INVOICE No 1082

30-7031

SHIPPED TO:

DATE: 9/10/73 REFERENCE NO.: YOUR ORDER NO.:

SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
5			8.00	40.00
				<u>4.00</u>
				\$ <u><u>36.00</u></u>

10/12/73
C/4-227



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

ASSAYERS
CHEMISTS
GEOCHEMISTSC
H
A
R
G
E

T
OCYPRESS RESOURCES
325 Howe St.,
Vancouver, B.C.INVOICE No 1020
30-7031

SHIPPED TO:

DATE: 21/9/73

REFERENCE NO.:

YOUR ORDER NO.:

DATE:	REFERENCE NO.:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
21/9/73					
4	Rock preparation			0.70	2.80
4	Zn assay			4.50	<u>18.00</u>
	Less 10% discount				\$ 20.80
					<u>2.10</u>
					\$ <u>18.70</u>



INVOICE

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

ASSAYERS
CHEMISTS
GEOCHEMISTSC
H
A
R
G
E

T
OCYPRESS RESOURCES
325 Howe Street
Vancouver, B.C.

INVOICE No 1019

3Q-7031

SHIPPED TO:

DATE: 21/9/73

REFERENCE NO.:

YOUR ORDER NO.:

SHIPPED:

VIA:

TERMS:
NET 30 DAYS

UNIT PRICE

TOTAL

2
2Rock preparation
Au assay0.70
3.50

Less 10% discount

	0.70
	<u>3.50</u>
\$	<u>3.50</u>
	<u>.85</u>
\$	<u><u>7.55</u></u>



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

ASSAYERS
CHEMISTS
GEOCHEMISTSC
H
A
R
G
E

T
OCYPRESS RESOURCES
325 Howe St.,
Vancouver, B.C.INVOICE N^o 1027
30-7031

SHIPPED TO:

DATE: 21/9/73

REFERENCE NO.:

YOUR ORDER NO.:

SHIPPED:

VIA:

TERMS:
NET 30 DAYS

UNIT PRICE

TOTAL

7
7
3
3Rock preparation
Zn assay
Pb assay
Ag assay0.70
4.50
4.50
3.504.90
31.50
13.50
10.50

Less 10% discount

\$ 60.40
6.05
\$ 54.35PAID
21/9/73
192



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

OCT 22 1973

ASSAYERS
CHEMISTS
GEOCHEMISTSC
H
A
R
G
E

T
OCYPRESS RESOURCES
325 Howe St., f
Vancouver, B.C.

INVOICE No 1134

30-7031

SHIPPED TO:

DATE: 22/10/73

REFERENCE NO.:

YOUR ORDER NO.:

SHIPPED:

VIA:

TERMS:
NET 30 DAYS

UNIT PRICE

TOTAL

1
1Rock preparation
Zn assay

0.70

0.70

4.50

4.50CYPRESS RESOURCES
Less 10 % discount

\$ 5.20

.55\$ 4.65



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

OCT 17 1973

ASSAYERS
CHEMISTS
GEOCHEMISTSC
H
A
R
G
E
T
OCYPRESS RESOURCES
325 Howe St.,
Vancouver, B.C.INVOICE N^o 1107

30-7031

SHIPPED TO:

DATE: 16/10/73 REFERENCE NO.: YOUR ORDER NO.:

SHIPPED:	VIA:	TERMS: NET 30 DAYS	UNIT PRICE	TOTAL
1			0.70	0.70
1			4.50	<u>4.50</u>
				\$ 5.20
				<u>0.55</u>
				\$ <u>4.65</u>

PAID
 10/22/73
 CH# 251



INVOICE

TELEPHONE 688-3504

CORE LABORATORIES LTD.

325 HOWE STREET - VANCOUVER 1, B.C.

SEP 05 1973

ASSAYERS
CHEMISTS
GEOCHEMISTS

C
H
A
R
G
E

T
O

CYPRESS RESOURCES
101 - 325 Howe St.,
Vancouver, B.C.

INVOICE No 981
30-7031

SHIPPED TO:

DATE: 4/9/73

REFERENCE NO.:

YOUR ORDER NO.:

SHIPPED:

VIA:

TERMS:
NET 30 DAYS

UNIT PRICE

TOTAL

1

Cd assay

\$ 8.00

\$ 8.00

H.E.W.

MANAGEMENT COMPANY LTD.

101 - 325 HOWE STREET
VANCOUVER 1, B.C. (604) 688-2337

November 7 1973

Cypress Resources Ltd,
Vancouver, B.C.

INVOICE

TO	Paid re photocopies for supplementary report	\$18.30
	Steno services 5 hrs @ \$3.50 per hr.	17.50
	Report covers 5 @ 75¢	<u>3.75</u>
	Total amount due	<u><u>\$39.55</u></u>

TRANS NORTH TURBO AIR LTD.

BOX 4338 PHONE 668-2177 TELEX 036-8-290
WHITEHORSE, YUKON



TO: [

Cypress Resources Ltd.
#101 - 325 Howe Street,
VANCOUVER, B.C.

DATE	September 18, 1973	INVOICE NO.	2450-3
P.O. NO.			

TO: Charge you with the charter of
Beaver aircraft CP-CYK
Pilots: W. Harody & B. Parsons

FLYING: September 2, 4, 5, 6, 11, 1973
Daily Flight Report Nos. 10079,
10082, 10085, 10093

432 miles at \$1.00 per mile (Zone L rate when carrier supplies fuel)	\$ 432.00
416 miles at \$1.05 per mile (Zone O rate when carrier supplies fuel)	436.80
1 Minimum Leg at \$26.25 per leg (Zone O rate when carrier supplies fuel)	26.25

PLUS: Excess cost of fuel at Mayo
Charterer assessed with cost of fuel
over \$.52 per gallon
174 gallons at \$.24 per gallon

41.76

INVOICE TOTAL

\$ 936.81

MAYO HELICOPTERS



MAYO, Y.T. / BOX 5 / PHONE 996-3291

WHITEHORSE, Y.T. / BOX 2295 / PHONE 633-2214

A/C HILLIER DE OF OKL DATE 12 SEPT 1973

NAME CYPRESS

ADD. _____

FROM	MILES	HOURS	CARGO	PASS.	REMARKS
MAYO					
TO: <u>BOUNDARY</u>					<u>Transfer</u>
<u>THRU</u>					<u>to</u>
<u>RNA</u>		<u>3.6</u>			<u>Connection</u>
<u>(see fuel schedule - \$16.00 per gal)</u>					
<u>Equipment @ \$1.50 per gal</u>					
					<u>IRG12162W</u>
					PILOT'S SIGNATURE
SPECIAL INSTRUCTIONS					
OUR FUEL <input checked="" type="checkbox"/>	GALS.	<u>3.6 @ 150</u>	PER HOUR	<u>540</u>	540 <u>540.00</u> TOTAL <u>540</u>
THEIR FUEL <input checked="" type="checkbox"/>	GALS.	<u>2H @ 160</u>	PER MILE	<u>320</u>	
WAITING TIME	@		PER HOUR		
EXTRA LANDINGS	@		PER LANDING		
OTHER					
SEE REVERSE FOR CONDITIONS					

2608 MAYO
BASE

CHARTER'S AUTHORIZATION

MAYO HELICOPTERS



MAYO, Y.T. / BOX 5 / PHONE 996-3291

WHITEHORSE, Y.T. / BOX 2295 / PHONE 633-2214

A/C HILLIER DE OF OKL DATE 9, 10, 11 SEPT 1973

NAME CYPRESS

ADD. _____

FROM	MILES	HOURS	CARGO	PASS.	REMARKS
<u>BOUNDARY</u>					
TO:					
<u>9 SEPT</u>		<u>1.6</u>			
<u>10 SEPT</u>		<u>1.6</u>			
<u>11 SEPT</u>		<u>1.9</u>			
		<u>5.1</u>			
					<u>R612162W</u>
					PILOT'S SIGNATURE
SPECIAL INSTRUCTIONS					
OUR FUEL <input checked="" type="checkbox"/>	GALS.	<u>5.1 @ 150</u>	PER HOUR	<u>765</u>	765 <u>765</u> TOTAL <u>765</u>
THEIR FUEL <input checked="" type="checkbox"/>	GALS.				
WAITING TIME	@		PER HOUR		
EXTRA LANDINGS	@		PER LANDING		
OTHER					
SEE REVERSE FOR CONDITIONS					

2607 MAYO
BASE

CHARTER'S AUTHORIZATION

CHARTER TICKET

MAYO HELICOPTERS



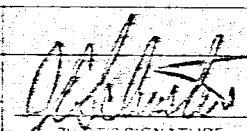
MAYO, Y.T. BOX 51 PHONE 996 3291

WHITEHORSE, Y.T. BOX 2295 PHONE 633 2214

AD HILLERIDE OF MLW DATE 8 SEPT 1973

NAME CYPRESS RESOURCES LTD

ADD 101 325 HOWE VANCOUVER, B.C.

FROM	MILES	HOURS	CARGO	PASS.	REMARKS
BONNET PLUME		.6			
TO LCL					
 PILOT'S SIGNATURE					

SPECIAL INSTRUCTIONS		PER HOUR	TOTAL
OUR FUEL	GALS	.6 @ 150 ⁰⁰	96 00
THEIR FUEL	GALS	@	PER MILE
WAITING TIME	@	PER HOUR	
EXTRA LANDINGS	@	PER LANDING	
OTHER			
SEE REVERSE FOR CONDITIONS			
X	ATLGA	TOTAL	

2583 MAYO BASE

CHARTER'S AUTHORIZATION

CHARTER TICKET

MAYO HELICOPTERS



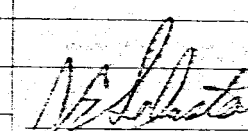
MAYO, Y.T. BOX 51 PHONE 996 3291

WHITEHORSE, Y.T. BOX 2295 PHONE 633 2214

AD HILLERIDE OF MLW DATE 7 SEPT 1973

NAME CYPRESS RESOURCES LTD

ADD 101 325 HOWE VANCOUVER, BC

FROM	MILES	HOURS	CARGO	PASS.	REMARKS
BONNET PLUME		1.2			
TO LCL					
 PILOT'S SIGNATURE					

SPECIAL INSTRUCTIONS		PER HOUR	TOTAL
OUR FUEL	GALS	1.2 @ 150 ⁰⁰	180 00
THEIR FUEL	GALS	@	PER MILE
WAITING TIME	@	PER HOUR	
EXTRA LANDINGS	@	PER LANDING	
OTHER			
SEE REVERSE FOR CONDITIONS			
X	ATLGA	TOTAL	180 00

2583 MAYO BASE

CHARTER'S AUTHORIZATION

ATLED EXPLORATION MANAGEMENT LTD.

420—475 HOWE STREET • VANCOUVER 1, B.C.
TELEPHONE 688-0471

October 11, 1973

Cypress Resources Ltd, (N.P.L.)
101 - 325 Howe Street,
Vancouver, B.C.

I N V O I C E #7380

Re: Bonnet Plume Property

1. Professional Services

A. Property examination		
- G. C. Gutrath, September 12, 1973		
1 day @ \$125.00/day.....	\$ 125.00	
B. Compilation of data and report		
- G. C. Gutrath.....	600.00	
C. Drafting and report preparation		
- 42 hours @ \$6.00/hour.....	252.00	
C. Steno services		
- 9 hours @ \$3.50/hour.....	<u>31.50</u>	\$ 1,008.50

2. Disbursements

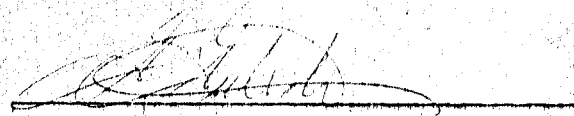
A. Vangeochem Lab. Ltd.....Inv.#2679....	91.35	
B. Transportation		
- 1/2 return fare		
- Whitehorse-Mayo.....	30.00	
- Vancouver-Whitehorse.....	83.00	
C. Altair		
- Invoice #158628.....	35.20	
- Invoice #158618.....	3.52	
- Invoice #12679.....	15.05	
- Invoice #148962.....	34.20	
D. Cameo Studios		
- Invoice #39528.....	10.50	
- Invoice #39523.....	4.99	
- Invoice #39564.....	40.61	
E. Xeroxing		
- 285 pages @ 15¢/page.....	42.75	
F. Report Covers		
- 25 @ 75¢/cover.....	<u>18.75</u>	

BCT-3/73
CHA 253

*5 Reports only **

409.92

\$ 1, 418.42



G. C. Gutrath

1,008.50
245.47

1,253.97

*4112**
9135
3000
8300
*4547**



Bank of British Columbia

Current Account

937 West Georgia Street
Vancouver, B.C.

November 29 19 73 No. 293

PAID
NOV 30 1973
LEDGER

Pay to the order of Tony Floyd \$ 758.46

Seven hundred and fifty-eight 46/100 Dollars

CYPRESS RESOURCES LTD (IN P.L.)

Robert Mully
David [unclear]

⑆00070⑆016⑆



Bank of British Columbia

Current Account

937 West Georgia Street
Vancouver, B.C.

October 26 1973 No. 267

PAID
NOV 6 1973
LEDGER

Pay to the order of Tony Floyd \$ 852.72

Eight hundred and fifty-two 72/100 Dollars

CYPRESS RESOURCES LTD (IN P.L.)

Robert Mully
David [unclear]

⑆00070⑆016⑆



Bank of British Columbia

Current Account

937 West Georgia Street
Vancouver, B.C.

October 2 1973 No. 207

Pay to the order of Anthony Floyd \$ 1,033.62

One thousand and thirty-three 62/100 Dollars

CYPRESS RESOURCES LTD (IN P.L.)

Robert Mully
David [unclear]

PAID
OCT 12 1973
LEDGER

⑆00070⑆016⑆



Bank of British Columbia

937 West Georgia Street
Vancouver, B.C.

Current Account

October 2 1973 No. 217

Pay to the order of C. P. Air

\$ 113.00

One hundred and thirteen & 00/100 CENTSxx/100 Dollars

CYPRESS RESOURCES LTD

⑆00070⑆016⑆

⑆0000011300⑆

CERTIFIED
OCT 3 1973
BANK OF BRITISH COLUMBIA
937 West Georgia Street
Vancouver, B.C.
DEFERRED DEPOSIT
CYPRESS RESOURCES LTD
1973 OCT 3 1973
CYPRESS RESOURCES LTD
Vancouver, B.C.



Bank of British Columbia

937 West Georgia Street
Vancouver, B.C.

Current Account

October 12th 1973 No. 233

Pay to the order of Northward Airlines Limited

\$97.50

-----Ninety Seven-----

.50 / 100 Dollars

CYPRESS RESOURCES LTD

⑆00070⑆016⑆

⑆0000009750⑆

Robert Smith
[Signature]



Bank of British Columbia

937 West Georgia Street
Vancouver, B.C.

Current Account

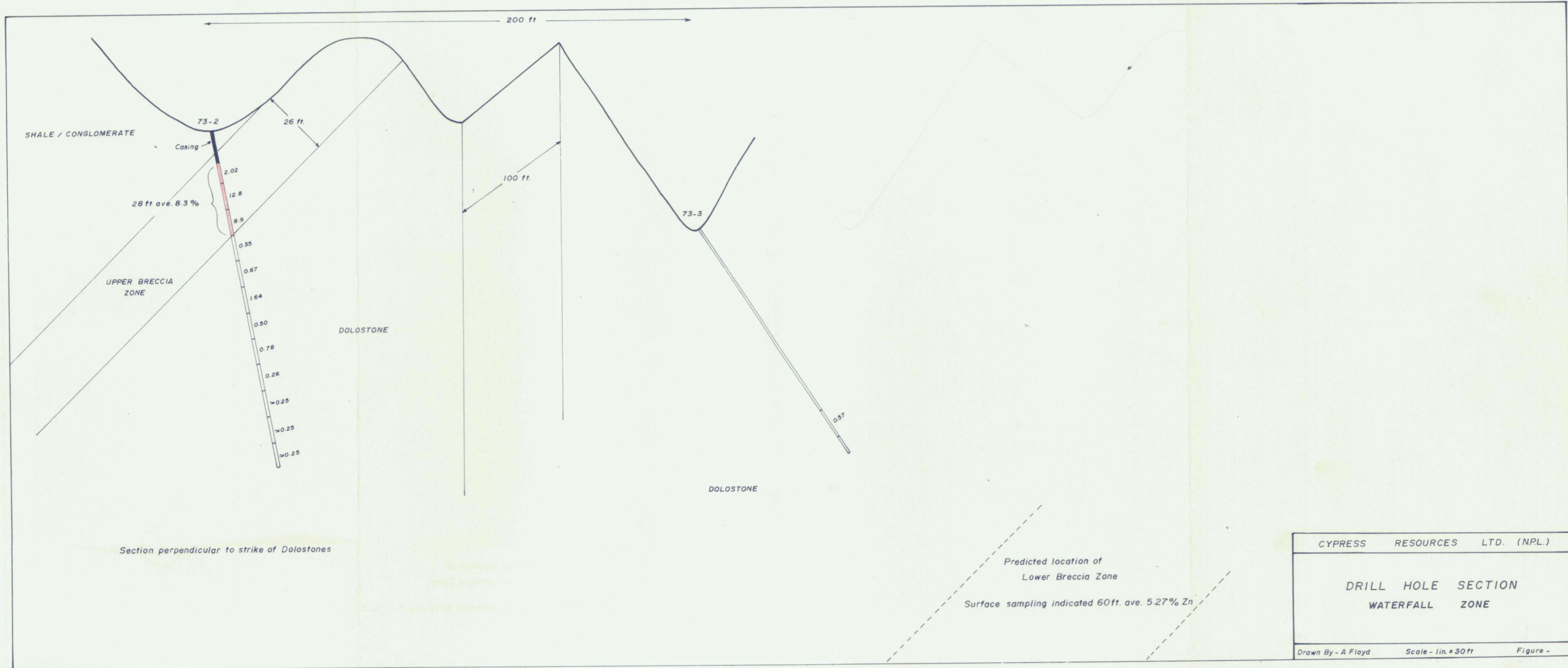
August 31 1973 No. 164

Pay to the order of C. P. Air

\$ 113.00

BANK OF BRITISH COLUMBIA
937 West Georgia Street
Vancouver, B.C.

CERTIFIED
AUG 31 1973
BANK OF BRITISH COLUMBIA
937 West Georgia Street
Vancouver, B.C.
DEFERRED DEPOSIT
CYPRESS RESOURCES LTD
1973 AUG 31 1973
CYPRESS RESOURCES LTD
Vancouver, B.C.





ASSAYERS
CHEMISTS
GEOCHEMISTS

CORE LABORATORIES LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

Certificate of Analysis

REPORT NO.
1061-30-7031

SAMPLE(S) FROM: CYPRESS RESOURCES
101- 325 Howe St.,
Vancouver, B.C.

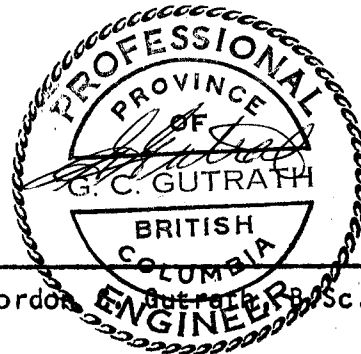
SAMPLE NO.	Pb (%)	Zn (%)
2092	<.01	2.02
93	<.01	12.8
94	<.01	8.9
95	<.01	.35
96	<.01	.67

DATE 27 September 1973 SIGNED 

ENGINEER'S CERTIFICATE

I, GORDON C. GUTRATH, of 3636 Lakedale Avenue, in the Municipality of Burnaby, in the Province of British Columbia, DO HEREBY CERTIFY:-

1. That I am a consulting geologist with a business address of #420-475 Howe Street, Vancouver 1, B. C.
2. That I am a graduate of the University of British Columbia where I obtained my B.Sc. in geological science in 1960.
3. That I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia.
4. That I have practised my profession as a geologist for the past twelve years, and
5. That I have no interest in the property with which this report is concerned, nor do I expect to receive any such interest. I have no interest in the securities of Cypress Resources Ltd. (N.P.L.)



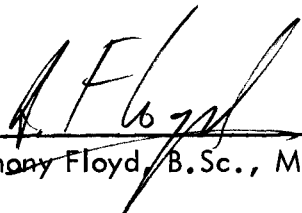
Gordon C. Gutrath, B.Sc., P.Eng.

DATED at the City of Vancouver, Province of British Columbia, this 25
day of October, 1973.

CERTIFICATE

I, ANTHONY FLOYD, of #1205, 840 Broughton Street, Vancouver, in the Province of British Columbia, do hereby certify:

1. That I am a graduate of the University of Nottingham, England where I obtained an honours B.Sc. in geology, and a graduate of University of Leicester, England where I obtained an M.Sc. in Mineral Exploration and Mining Geology.
2. That I have worked in mineral exploration in Canada, Eire and England for Meyer & Assoc. of Vancouver; Irish Base Metals, Eire; Texasgulf Inc. of Toronto; Union Corporation (UK) Ltd. of London, England and Giant Explorations Ltd. of Vancouver.
3. That I have practised my profession as a geologist for one year.
4. That I have no interest in the property with which this report is concerned, nor do I expect to receive any such interest. I have no interest in the securities of Cypress Resources Limited (NPL).



Anthony Floyd, B.Sc., M. Sc.

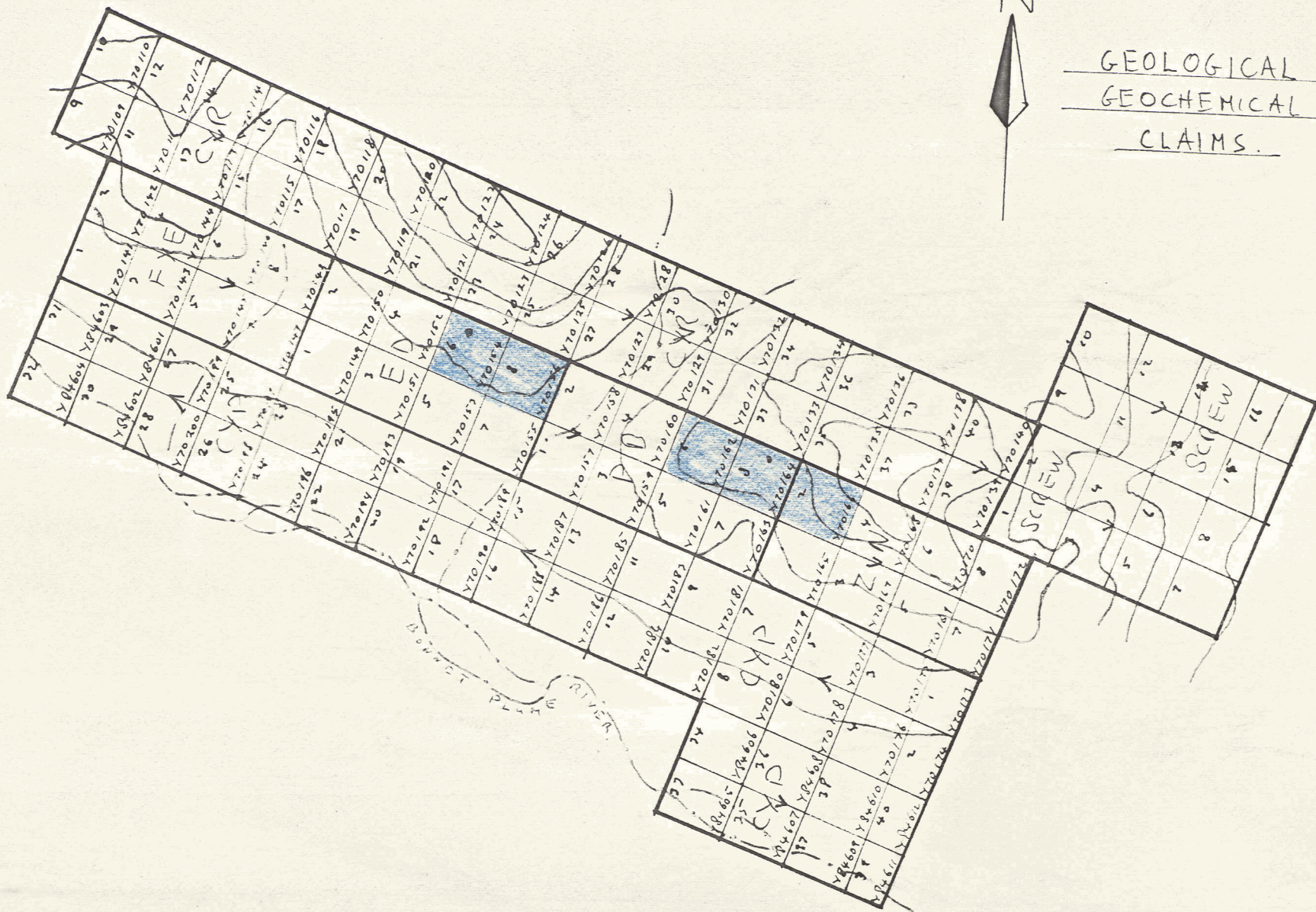
DATED at the City of Vancouver, Province of British Columbia this 25th
day of October, 19 73.

EXPLORATION TIMETABLE

1. CYR, FXE, ED PB, AN and CYP claims staked on August 22nd, 1973.
2. SCREW claims staked on September 15th, 1973.
3. Prospecting, geological mapping and geochemical sampling carried out from September 1st - September 13th, 1973 by:
 - A. Floyd 705 - 900 West Hastings St., Vancouver, B.C.
 - C. Coe 705 - 900 West Hastings St., Vancouver, B.C.
 - N. Newsom 705 - 900 West Hastings St., Vancouver, B.C.
4. Property examined by G. Gutrath, P. Eng . on September 13th, 1973.
5. Drill crew brought in from Mayo and drill moved from LAD claims on Bonnet Plume River to first drill site on September 14th, 1973.
6. Three Drill holes put down, 7301 on ED 6 and 73-2, 73-3 on PB 8.
7. Drilling operation completed on October 8th, 1973.



GEOLOGICAL
GEOCHEMICAL
CLAIMS.



Dolomite with 30% Qtz.
grains = gradational unit
top of carbonate sequence.
Granular carbonate

No Min. Some ReX
Veining of dark carbonate.

75%

—

Brxd Dolomite
Band → Inj. filled → ReX

Calcite (N. & D.) veining
Some vugs
Fract → ReX with Zn Oxide
test. Min. pale Sp in vugs
Vugs increase with depth

75%

< 1% Zn

Soln replacement - vugs
dominant over brxd after
30' also centre of vugs
filled with bitumen.

From 20' onwards all
fract → good ZnO reaction

100%

< 1% Zn

—

—

100%

< 1% Zn

Dk Dol with breccia vug filled

Dk Dol veining much
diminished & vugs lined
with Sp.
Galena at 56" later than
Qtz.

85%

< 1% Zn

Light coloured strongly
ReX partially vuggy dolomite

Strong dk carbonate veining
Fract still give good Zn
oxide reaction. Dk carbonate
veining frac. & brxd then
in filled with late phase Qtz
in filling.

95%

< 1% Zn

A. Floyd

90	"	"	100%	<1%
95	Strongly ReX Dolostone Previously Bxd → ReX → calcite sgtz veins. Some slater vng filling	Old small Py cubes	100%	T.
10	"	Fine after 105' give +ve ZnO test	95%	<1%
20	St. II ReX	115' - H. carbonate sgtz stringers carrying Sp. trace. Some Mag. in crystals	95%	<1%
25		Vngs more prevalent, often infilled. All frac. planes give +ve ZnO test. v few calcite (dlk) veins - ghosting v string	90%	<1%
30		Some vngs of fluorapatite?	80% 136 - 140 = 25%	<10%
35				

[Handwritten signature]

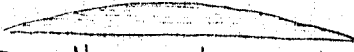
100	"	"	10%	< 1%
110	Light colored.	+ve ZnO test in fractures in rock. Mag. crystals random occurrence in breccia	10%	< 1%
120	"	Breccia - only part of the Rex dolomite. Incipient growth of structures of 3. replacing surrounding carbonate	10%	< 1%
130	"	"	100%	< 1%
140	"	"	95%	1%
150	"	"	95%	1%
200	Hole finished at 200'			

Alloy

Rex Dolomite - breccia	Sp. ingill in breccia Ubiquitous Py wherever Sp occurs in any quantity	100%	5%
	Sp of low qty in ingill sequence	100%	10%
Massive Dolomite	Small vugs. Some Breccia	100%	5%
Some brecciation of dolomite			
Massive vuggy dolomite	Few vugs.	100%	10
	Massive Sp in massive dolomite.	100%	< 1%
Brill Dol. Lot of Py	Some Sp.		
Vuggy dolomite Rex		85%	< 1%
Little Breccia.			

A. Koyl

<p>Lower bed of dolomite</p>	<p>$P_2 = 3p.$</p>	<p>35%</p>	<p>< 1%</p>
<p>"</p>	<p>"</p>	<p>100% 30%</p>	<p>< 1%</p>
<p>ReX Dolomite quartz filled vng. fr. fractures</p>	<p>Evidence of pre ReX bed ghost texture</p>	<p>100%</p>	<p>< 1%</p>
<p>At 114' only incipient ReX v. layer of carbonate at 55° to core axis</p>		<p>80%</p>	<p>< 1%</p>
	<p>Note finished at 129'</p>	<p>25%</p>	<p>< 1%</p>
			<p>A.P. G.</p>

10	Incipiently ReX Dolomite	Slump folds & sub-vugs bedding \perp to core axis 20° & 0° frac. planes	60%	-
20	"	Some patches totally ReX.	50%	-
30	Partially ReX Dolomite	Def. layering in cavities  Small amount of Qtz in collagen filled circular cavities	75%	-
40	Totally ReX Dolomite At 5 ft sign of brecc.		100%	-
50	• later infilling Strong Pre ReX brecciation	No Sn yet Brecciated ReX. Some Py stringers.	100%	-
60	Incipient ReX - Dark complex partial ReX - replacement of 20 ft.		100%	-

[Handwritten signature]

Pitching incipient Rex
Et₃ content higher

Some granular sp. + Py
in Rex dolomite - vuggy
No Boxed.

75%

1 1/2 Zn

75%

Hole finished at 102'

[Signature]