

CANADIAN OCCIDENTAL PETROLEUM LTD.

MINERALS DIVISION



GEOLOGY AND GEOCHEMISTRY OF THE BIR CLAIM GROUP

Claims Bir 1-212 Whitehorse Mining District

83920-11

Claim Sheet 115-G-9

Lat. 138°20' W
Long. 61°40' N

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 \$39,208.55

D.B. Craig

Resident Geologist or Resident Mining Engineer

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

[Signature]

Commissioner of Yukon Territory

by:

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Duration of Work:

June 21, 1972 to September 1, 1972



October 5, 1972
Toronto

CONTENTS

PAGE

SUMMARY.....	1
INTRODUCTION.....	3
LOCATION AND ACCESS.....	3
VEGETATION.....	5
WORK COMPLETED.....	5
(a) Line Cutting.....	5
(b) Geological Mapping.....	5
(c) Geochemical Survey.....	6
(d) Names and Addresses of Personnel.....	6
PHYSIOGRAPHY.....	7
GEOLOGY.....	8
Table of Formations.....	9
Lithological Units.....	9
Yukon Group (Unit 9).....	9
Granite Gneiss (Unit 8).....	12
Nisling Range Granodiorite (Unit 7).....	13
" " Alaskite (Unit 6)	13
Rhyolite Dykes (Unit 5).....	16
Mafic and Quartz Porphyry(Mafic) Dykes (Unit 4)....	17
Diorite (Unit 3).....	18
Breccias (Unit 2).....	18
Porphyry (Unit 1).....	20
Structure.....	22
Aeromagnetic Map.....	24
Metamorphism.....	25
Economic Geology.....	26
SOIL GEOCHEMISTRY.....	30
Introduction.....	30
Soil Profiles.....	30
Sampling Procedure.....	31
Laboratory Procedure.....	31
Standard Samples.....	33
Results.....	38
Anomaly No. 1.....	38
" No. 2.....	39
" Nos. 3, 4, 5 and 8.....	40
" No. 6.....	40
" No. 7.....	40
" No. 9.....	40
" No.10.....	41
" No.11.....	42
" Nos. 12 and 13.....	43
" No. 14.....	44
Discussion.....	45
ROCK GEOCHEMISTRY.....	47
RECOMMENDATIONS.....	50
APPENDIX I: Claim Post Data.....	52
II: Line Cutting Data.....	65
III: Rock Descriptions and Geochemical Analyses...	69

CONTENTS

PAGE

PLANS ACCOMPANYING REPORT

1. Location Map.....	4
2. Geological and Soil Geochemical Cross Section Along Line 112E.....	In Back Pocket
3. Aeromagnetic Contours.....	23
4. Frequency Distribution for Copper.....	35
5. " " " Zinc.....	36
6. " " " Molybdenum.....	37
7. Claim Post Index Map.....	64
8. Geology (2 sheets).....)	
9. Geochemistry (2 sheets).....)	In Back Pocket
10. Geology and Geochemistry (2 sheets).....)	

- 1 -

SUMMARY

The Bir claims are underlain by north-striking Yukon Group quartzites that have been intruded along a northwest axis by Nisling Range Alaskite.

Sub-economic Cu-Zn-Pb sulphide mineralization occurs in several places in pyrrhotiferous roof pendants of the quartzite and locally in skarn. Extensive Cu-Zn-Mo anomalies occur over the pyrrhotiferous quartzites and Mo-Zn soil anomalies may occur over the Nisling Range Alaskites. Trends of the geochemical anomalies indicate the presence of northeast and northwest trending structural controls. Mo soil anomalies are related to Mo mineralization (molybdenite) in the granitic rocks and to the base metal showings on the peripheries of the Mo zones.

Significant molybdenum mineralization was found in a serratic fine grained alaskite in the southeast corner of the property. The molybdenum mineralization occurs as fracture fillings and in watery quartz veins in a zone (3000 x 4000 feet) that has been altered hydrothermally. Extensive clay alteration of the granite in the area of the molybdenum zone is evident.

Additional staking, soil and rock geochemistry, a magnetometer survey and some experimental I.P. work is recommended over the southeast portion of the property (Anomalies 10 and 11). Other anomalies (1, 9 and 14) should be prospected thoroughly and all soil samples collected

over these zones in 1972 should be analyzed for Cu, Zn and Mo.

Additional systematic rock geochemical sampling should be carried out in the anomalous areas.

INTRODUCTION

The Bir Group Claims (Bir 1-212) were staked to cover an area of anomalous copper, molybdenum and zinc values obtained from a reconnaissance stream sediment survey. These samples were collected during the large scale reconnaissance programme carried out in the summer of 1971.

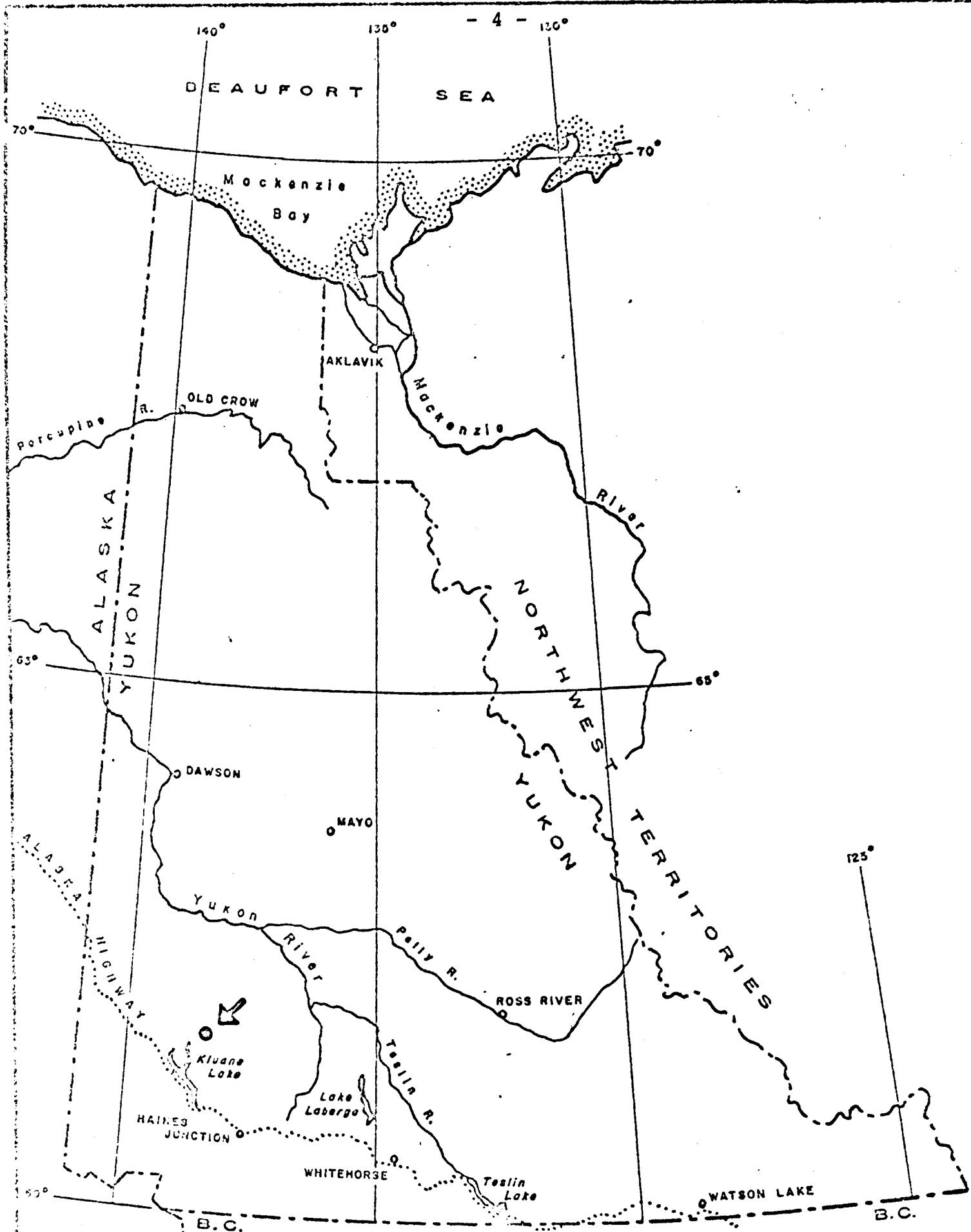
The staking was done by Harman Management Ltd. of Whitehorse on September 21, 22 and 23, 1971. The claims were recorded in Whitehorse on October 18, (Bir 1-128), and October 19, (Bir 129-212), 1971

The following report will describe the results of the exploration work done to date. This includes line-cutting, geochemical surveys and geological mapping, all of this work was done by Canadian Occidental Petroleum Ltd. between June 21st, 1972 and September 1st, 1972 .

LOCATION AND ACCESS

The Bir Claim Group is recorded on claim map 115-G-9 in the Whitehorse Mining District. The property is located 31 air miles due NE of Burwash Landing (mile 1094 on the Alaska Highway). Figure 1)

Access was by Jet Ranger helicopter from Burwash Landing. The only alternate route would be by boat to the head of Talbot Arm (Kluane Lake) and overland along the Talbot Creek pack trail which skirts the southern perimeter of the property.



LOCATION MAP
BIR CLAIM GROUP
 YUKON TERRITORY

NTS No. 115-G-9

Figure 1 July/71 3.

Immediately adjoining the Bir Claims are the Blue L Claims (1-22) owned by G.H.K. Pearse and Associates.

VEGETATION

Most of the claim group is above the tree line, black spruce sparsely covers the southern slopes in the deeper valleys. Willows and dwarf birch also grow in the valleys and along the streams.

The remainder of the property is approximately divided between bare rock talus slopes and moss covered talus slopes. The hill slopes may be covered with from 20 to 100 percent bare rock talus. This allows one to obtain a good picture of the geology of the property despite the lack of outcrops.

WORK COMPLETED

(a) Line Cutting

The line cutting and tagging of claims was performed under contract by Harman Management Ltd. of Whitehorse. The work was completed during the period June 23rd to July 28th, 1972. A total of 586,700 line feet or 111.12 line miles were cut at a rate of 2,600' per man per day. Further details on the personnel, the lines, and a breakdown of footage cut are given in Appendix II.

(b) Geological Mapping

The geological mapping on the property was carried out by Bruce Winfield employed by Canadian Occidental

Petroleum Ltd. during the period June 23 to September 1, 1972.

Supervision of the Project was exercised by Dr. J.J. Brummer, Exploration Manager, Minerals Division, Canadian Occidental Petroleum Ltd., and Dr. C.F. Gleeson, Consultant Geologist and Geochemist. Dr. D. Bryant, Consultant Geologist, spent several days examining the property.

(c) Geochemical Survey

The geochemical sampling was carried out by Paul McCarter and Warren Boyd during the periods June 23 to August 23 and July 11 to August 14, 1972, respectively. The work was carried out under the supervision of Dr. C.F. Gleeson. The names and addresses of all personnel employed on the property follow below.

(d) Names and Addresses of Personnel

Canadian Occidental Petroleum Ltd., Minerals Division

Dr. J.J. Brummer	Canadian Occidental Petroleum Ltd. 801, 161 Eglinton Ave. E. Toronto 12, Ont.	Supervisor
Dr. C.F. Gleeson	764 Belfast Rd. Ottawa 8, Ont.	Consultant Geology/ Geochemistry
Dr. D. Bryant	7060 So. Gray Court Littleton, Colorado 80123, U.S.A.	Consultant Geologist
B. Winfield	291 Windermere Rd. London 72, Ont.	Geologist
Paul McCarter	Dept. of Geology University of Western Ontario, London, Ont.	Geochemical Sampler

Warren Boyd	247 Old Yonge St. Willowdale, Ont.	Geochemical Sampler
Bill Culver	10752 85th Ave. Edmonton, Alberta	Cook
<u>Harman Management Ltd.</u>		
Keith Johnson	1410 Pine St. Richmond, B. C.	Line Cutter
Dan Johnson	Burwash Landing Yukon Territory	"
Bill Culver	10752 85th Ave. Edmonton, Alberta	Cook
Graham Baird	74 Withrow Ave. Ottawa, Ontario	Linecutter
Randy Micholson	1837 Chateau d'Oeux Switzerland	"
Scott Williams	Vancouver St. Prince George, B.C.	"
Jack Williams	Atlin, B.C.	"
Joe Edzel	Ross River, B. C.	"
Eric P.Milledge	5794 Atlantic St. Halifax, Nova Scotia	Party Chief
Marilyn M.Austin	12319 - 131 Ave. Edmonton, Alberta	Cook

PHYSIOGRAPHY

The Bir Group is in the southern portion of the Nisling Range. The mountains on the property are characterized by steep cliffs with slopes up to 60° on the northern flanks. In contrast the southern slopes are usually more gently sloping with a moss/talus cover. The topography on the property is extremely variable with elevations ranging from 4000' in the valleys to 6473' at the triangulation station (19E,16+75N) in the central portion of the property.

The eastern and western portions of the property consist of a central east-west trending valley bounded by ridges to the north and south. In turn these areas are separated by a north-south ridge. This divide sets up two drainage patterns, one to the west via tributaries of Dwarf Birch Creek and one to the east via tributaries of Tyrell Creek.

The valleys are U-shaped with gentle gradients. The valley floors are drift-covered and appear to have several transverse morainal features. These would be relics of the local glaciation and the Nisling Ice Sheet which covered the Yukon Plateau to approximately the 5000' level. (Muller, 1967*). It is worth noting that these drift deposits obscure the geology in the valleys and make these the only areas where geological mapping cannot be carried out.

GEOLOGY

In detail, the geology of the property is quite complex, however in general the central area consists of a granitic mass which has intruded the older sedimentary rocks of the Yukon Group. The latter tends to occur around the margins of the property and as erosional remnants. Five sub-divisions of this granite were mapped. These may be various phases of a single intrusion or closely related separate intrusions and they are possibly due to a pulsing

*Moller, J.E., (1967) Kluane Lake Map Area, GSC Memoir 340

action from a single magma chamber. The lack of sharply defined contacts between the varieties perhaps supports the former idea.

There are also a number of later intrusives, which occur both as dykes and small bodies. A table of formations is given in Table 1.

Table of Formations

<u>Period</u>	<u>Lithology</u>	<u>Map Unit Number</u>
	Quartz-feldspar porphyry	1a
	Feldspar porphyry	1b
	Breccia (pipes)	2a
	Breccia (undertermined origin)	2b
	Diorite (cs. and porphyritic)	3
	Mafic Dykes	4a
	Quartz-porphyry Dykes	4b
Tertiary	Rhyolite Dykes	5
	Nisling Range Alaskite	
	i) younger cs. grained granite	6a
	ii) fine grained granite	6b
	iii) med. to cs. grained granite	6c
	iv) granite porphyry	6d
	v) fine grained serratic granite	6e
Cretaceous	Nisling Range Granodiorite	7
Paleozoic or Later	i) Felsite	8a
	ii) Granite Gneiss	8b
	Yukon Group	
Precambrian or later	i) Banded Quartzite	9a
	ii) Garnet Schist	9b
	iii) Marble	9c
	iv) Skarn	

Lithological Units

Yukon Group (Unit 9)

The Yukon Group forms the oldest formation on

on the property and it has been divided into four mappable units. The most abundant one consists of a banded quartzite of variable composition. The variation is related to its mafic content and in particular to biotite which may be present in amounts ranging from 2 to 3 percent and up to 60 percent. The remainder of the rock is composed of quartz and in places pyrite and pyrrhotite. The banding, which is due primarily to alternating mafic or quartz rich layers, is also variable both in intensity and regularity. In a number of specimens the biotite rich layers have developed a sufficient foliation that the rock could be termed a biotite-quartz schist. This schistosity is due probably to one or more stages of regional metamorphism prior to the main granitic intrusion. In one location (102N,24E), this metamorphism was sufficiently intense to produce a garnet-mica schist with a pronounced schistosity and porphyroblastic garnets (Unit 9b). These pre-intrusive metamorphic events greatly complicate the process of determining any later alteration patterns which may be of major economic importance.

The contact between granite and quartzite is well exposed in outcrop at 2N,123E. A few major changes in the quartzite were observed at the granite/quartzite intrusive contact. One change was a poorly developed saccroidal texture in the quartz grains as the contact is approached. This did not appear to be everywhere present but where found it was a reliable indicator.

Some small scale deformation, both in the form of folding and small fracture-faulting, has been noted. It occurred most often in the specimens where the banding was well developed. This type of deformation has led also to the formation of segregation lenses of quartz.

The quartzite was also found to contain from 0 to 20 percent sulphides. These were generally a pyrrhotite/pyrite mixture but in several places chalcopyrite, molybdenite and galena were found. The pyrrhotite/pyrite occurred as finely disseminated grains, and they were more prevalent in the mafic phases and the quartzite. In several specimens with well developed banding the pyrite/pyrrhotite also appeared to be concentrated in the more mafic bands. These two facts would tend to suggest that one of the controls for sulphide emplacement was the original composition of the sediments. The copper and lead occurrences were restricted to samples with a very high sulphide content and they appeared to be of a vein-like nature rather than disseminated. These are probably a reflection of metal introduction rather than remobilization and will be discussed in more detail later in the report under mineralization.

The Yukon Group also has a well to poorly developed marble phase (unit 9c). This unit forms the prominent light blue-grey outcrops and talus piles at several locations (110n,24E). (106N,32E), (106N,46E), (100N,64E), (00N,160E), (24S,160E). This medium grained marble is usually thinly but irregularly banded. This banding is in part due to dolomitic layers

which on weathering stand out to give a rippled appearance. The original change within the Yukon Group from calcareous to quartzose sediments must have been gradational as a number of intermediate stages of limey quartzite are found. As a result of contact metamorphism these limey rocks have formed skarns, (unit 9d). Skarn is present at the following localities: (24S,168E), (18S,176E), (BL00,160E) and (82N,104e). The best developed of these was sample BW 475 from (24S,168E). It is a light grey rock with coarse (up to 3/4") rosettes of tremolite in a fine grained matrix. In several localities significant copper mineralization was associated with the skarn zones and these will be described in detail under mineralization.

Granite Gneiss (Unit 8)

In several locations in the north-central portion of the property (187N,96E), (81N,72E), outcrops of a granite gneiss were found (unit 8b). Associated in places with it is a fine grained phase (8a). The latter was termed a felsite and its origin as to whether it is extrusive or intrusive, is still undetermined.

This coarse grained, medium grey granite gneiss weathers to massive, moderately sized talus blocks. The mineralogy is predominantly quartz and feldspar with variable amounts of biotite and hornblende. A poorly to well developed foliation (gneissosity) has been formed by the parallel to sub-parallel arrangement of the mafic minerals. Specimens of this rock were quite extensively fractured with

the development of epidote, biotite and chlorite in the fractures.

The felsite is a light grey, very fine grained, highly siliceous rock which may be either an extrusive rock or a distinct phase of an intrusion.

The granite gneiss is thought to pre-date the main granite masses (Nisling Range Alaskite) on the property. The primary evidence is the foliation found in it due to an earlier episode of metamorphism. Further evidence is that it was only found to intrude the Yukon Group and never the Nisling Range Alaskite.

Nisling Range Granodiorite (Unit 7)

This unit was identified in talus at (16S,89W) and (8S,85W). This black and white speckled, medium grained rock weathers dark grey to rusty dark brown. It generally breaks down to small fragments in the talus. The mineralogy is quartz 35%, feldspar 25%, biotite 10% and hornblende 20%, making it a biotite-hornblende granodiorite. It carries no visible sulphides and generally it is fresh in appearance. It is distinguishable from diorite (Unit 3) because the biotite and, to a lesser extent, the hornblende show a moderately well developed foliation. The diorite is not foliated. Because of the foliated nature of the granodiorite it is suggested that it predates the Nisling Range Alaskite.

Nisling Range Alaskite (Unit 6)

This is the most abundant rock unit on the property. For the purpose of mapping, five sub-divisions have been used, these are based on age relationships, grain size and

texture.

Unit (6a) was differentiated in the north-eastern quadrant of the property. It is distinguishable on both the basis of its appearance and by one cross-cutting relationships. It is a coarse grained, light coloured granite made up of approximately 55% coarse white feldspars with 40% coarse smoky quartz phenocrysts. Accessory amounts of fine-grained magnetite (up to 2%) and chlorite (up to 3%) are also present. Biotite seems lacking, perhaps because it has been altered to chlorite. At (91N,184E) it intrudes the fine grained granite (unit 6b), thus establishing it as being younger in age.

The fine grained granite (6b) and the medium to coarse grained granite (6c) are the most abundant ones on the property. Initially the percentage of mafic minerals was used to differentiate between a leucocratic and normal granite. Because the mafic content varied substantially this classification was later revised and a division on grain size was adopted.

The composition of units 6b and 6c varies considerably but generally they contain: quartz (40 to 50%), feldspar (30 to 50%), biotite and/or chlorite (2 to 10%), with minor hornblende and magnetite. In one locale, (8N,32E), a clay mineral, thought to be palygorskite* was found as coatings on fracture surfaces (sample BW 143) and at 5S,72E black tourmaline is present. The granite often is miarolitic with small euhedral, well terminated quartz crystals lining

*x-ray diffraction identification

the vugs. It is also quite common to get a porphyritic texture in the granite, although not to such a degree that the term porphyry is applicable. Most commonly the phenocrysts are smoky quartz grain aggregates but small feldspars are also found.

The fourth unit recognized was a granite porphyry (6d). This was restricted to the west central portion of map sheet 1. This variably coarse to medium grained grey rock weathers a light grey to brown with little or no staining. The rock is composed of quartz (35%), feldspar (40%), biotite (20%) and minor hornblende. The phenocrysts are generally coarse, (up to 3/4" long) feldspar grains with slightly less prominent quartz grains. The biotite occurs as coarse grains or as fine grained aggregates. Minor sulphides made up of a pyrite/pyrrhotite mixture and comprising less than 2% of the rock, are associated with some of the fine grained biotite. Biotite-chlorite development is found frequently along thin fracture surfaces (samples BW 171 and BW 207)

The last and economically most significant phase of the granite is the serratic granite (unit 6E). This unit has a number of distinguishing characteristics. It derives its name from the serrate texture shown by the quartz grain boundaries. This is compared to the more usual phaneritic textures in the other units. It is generally a fine to medium grained white granite composed

of quartz, feldspar, mafics <5%, and in several instances alteration products. The mafics are primarily biotite and it makes up approximately 1% of the rock. The most prominent alteration product is a clay mineral that is thought to be palygorskite. It occurs as coatings on fracture planes and as pods and lenses within the rock (specimen suite BW 506). One specimen contained 1% disseminated pyrite and it showed leached margins along hair-line fractures, (specimen suite BW 507). The serratic granite is often fractured in two or more directions and the fractures filled with watery quartz stringers. In several specimens these contain significant amounts of molybdenite (specimen suite BW 343).

The contacts of this unit appear to be transitional with the surrounding fine grained granites (unit b). Defining the contacts was difficult as the majority of unit 6E extends south beyond the present grid limit and the portion to the northeast is covered by a roof pendant of Yukon Group quartzite (Figure 2).

Rhyolite Dykes (Unit 5)

These dykes are present throughout the property. They vary in width from inches to 150 feet and they may be up to 1000 feet in length. They characteristically weather to small sharp angular talus fragments, usually heavily rusted and a red brown in colour. They are fine grained with the fresh surface being white to cream. They are high in silica but generally too fine grained for a macroscopic mineralogical description. Minor porphyritic phases were found with discernible glassy quartz and rarely

feldspar crystals. Minor, fine grained disseminated pyrite/pyrrhotite is common. Good exposures outcrop at (5S,110E) and (26N,23W). At the latter location the typical fragmentation as well as chill margins can be seen.

Mafic and Quartz-Porphyry (Mafic) Dykes (Unit 4)

Two subdivisions of this unit were used to differentiate between the presence or absence of coarse grained quartz phenocrysts. These rocks were found in outcrop at several locations and form a minor (2-3%) component of the talus. All the observed occurrences are present in the Nisling Range Alaskite. This would appear to have been the favourable environment for their intrusion.

The mafic dykes are dark green, homogeneous, fine grained and relatively soft. They weather to rounded small sized talus fragments which have a very characteristic dark chocolate brown colour. They are too fine grained for detailed mineralogy but appear to have a low quartz and high mafic content. The mafic minerals are probably biotite and hornblende. The quartz-porphyry variety (unit 4b) differs only in that it contains around 5 to 15% coarse (up to 3/8" long) euhedral quartz crystals.

The crystals are often doubly terminated as pyramidal prisms. They affect the weathered surface as the quartz stands out in relief and frequently the surface becomes pock-marked where the more resistant quartz grains have been plucked from the surface.

No pronounced contact effects seem to be associated with these dykes.

Diorite (Unit 3)

Two distinct phases of diorite were found on map sheet 2 (east sheet). One phase was a coarse grained, homogeneous black and white speckled diorite that weathers to a dark grey or rust brown depending on the sulphide content, (BW 369, BW 510 respectively). It is composed primarily of quartz (25%), feldspar (30%), biotite (25%) and hornblende (20%).

The change to a porphyritic variety is evident at several locations. In places, (3S,112E and 71N,64E) the diorite becomes porphyritic. In any one place the change may be gradational with a reduction in the grain size of the matrix and a development of feldspar phenocrysts (up to 1/4" in length).

The distribution of these diorite bodies is interesting as they appear to be preferentially located along the Nisling Range Alaskite/Yukon Group contact (00N,122E and 69N,78E). These contact margins must have been zones of potential weakness or dilation zones which would allow emplacement of the dykes.

The sulphide content also varies considerably from very little at (3W,112E) and (69N,78E) to a 10 to 15% mixture of pyrrhotite/pyrite at (71N,64E) and (00N,122E).

Breccias (Unit 2)

Two varieties of breccia were noted. One is related to the breccia pipes (2a) and the other may be a tectonic breccia.

The locations for type 2a have been plotted on map sheet 1 (143N, (40+50)W), (138N,44W), 46N,59W). The most northerly locale is a breccia pipe outcrop which forms an obvious pinnacle on an otherwise smooth hillside. This outcrop is composed predominantly of Yukon Group quartzite fragments cemented in a fine grained matrix of silica and pulverized quartzite and Nisling Range Alaskite (BW 276). The fragments show pronounced rounding, a characteristic of pipe breccias. The quartzite fragments are moderately banded with a low to moderate mafic content. No staining or mineralization was noted.

The second pipe was not found in outcrop, (BW 37), and its location (138N,44W) has been deduced from talus fragments. The fragments are primarily quartzite with minor amounts of a fine grained leucocratic granite (Unit 6b). The matrix is a mixture of silica and pulverized granite fragments. These rocks weather to a rust-brown colour and contain 2-3% visible pyrite/pyrrhotite. In the third and most southerly pipe (46N,59W) the composition changed to favour an equal number of granite and quartzite fragments with a matrix made up predominantly of quartz and pulverized granite. The granite in the breccia is coarser grained than in the two northerly pipes and it has a mafic content of approximately (5% (BW 40).

All three breccia pipes are close to quartzite-granite contacts and they vary from 50 to 200 feet in diameter.

The second variety of breccias (2b) of undetermined origin have different features. They still contain a mixture of fragments but the fragments are angular. The samples generally have granite matrixes with less than 50% quartzite fragments (BW 159 at 112E,25+50S; BW 86 at 87N,8E). In specimen BW 159 the breccia is composed solely of fine grained granite fragments in a matrix of almost pure silica. These breccias seem to be spacially related to the contact zones of the Nisling Range Alaskite. This would suggest that they are perhaps tectonic breccias created as a side effect during the intrusive event.

Porphyry (Unit 1)

Two varieties of this rock type were recognized; the more prevalent type (BW 46 - 70N,21+50E; BW 33 - 116N,22W) is the quartz-feldspar porphyry. This consists of a fine grained felsic grey matrix with minor hornblende (5%), coarse feldspar (up to 1/2") and quartz (up to 1/4") phenocrysts. The quartz is in the form of well developed quartz 'eyes', often bipyramidal in form. The feldspars are generally euhedral and many contain hornblende inclusions. Minor amounts of pyrite/pyrrhotite (1-3%) are common. The porphyry containing the sulphides generally weather a cream to rusty brown.

A sub-division (unit 1b) was created to encompass the feldspar porphyry. This is essentially the same as unit 1a, but lacks the prominent quartz phenocrysts. These two units do not seem to be restricted to any one environment on the property and intrude both the Yukon Group and

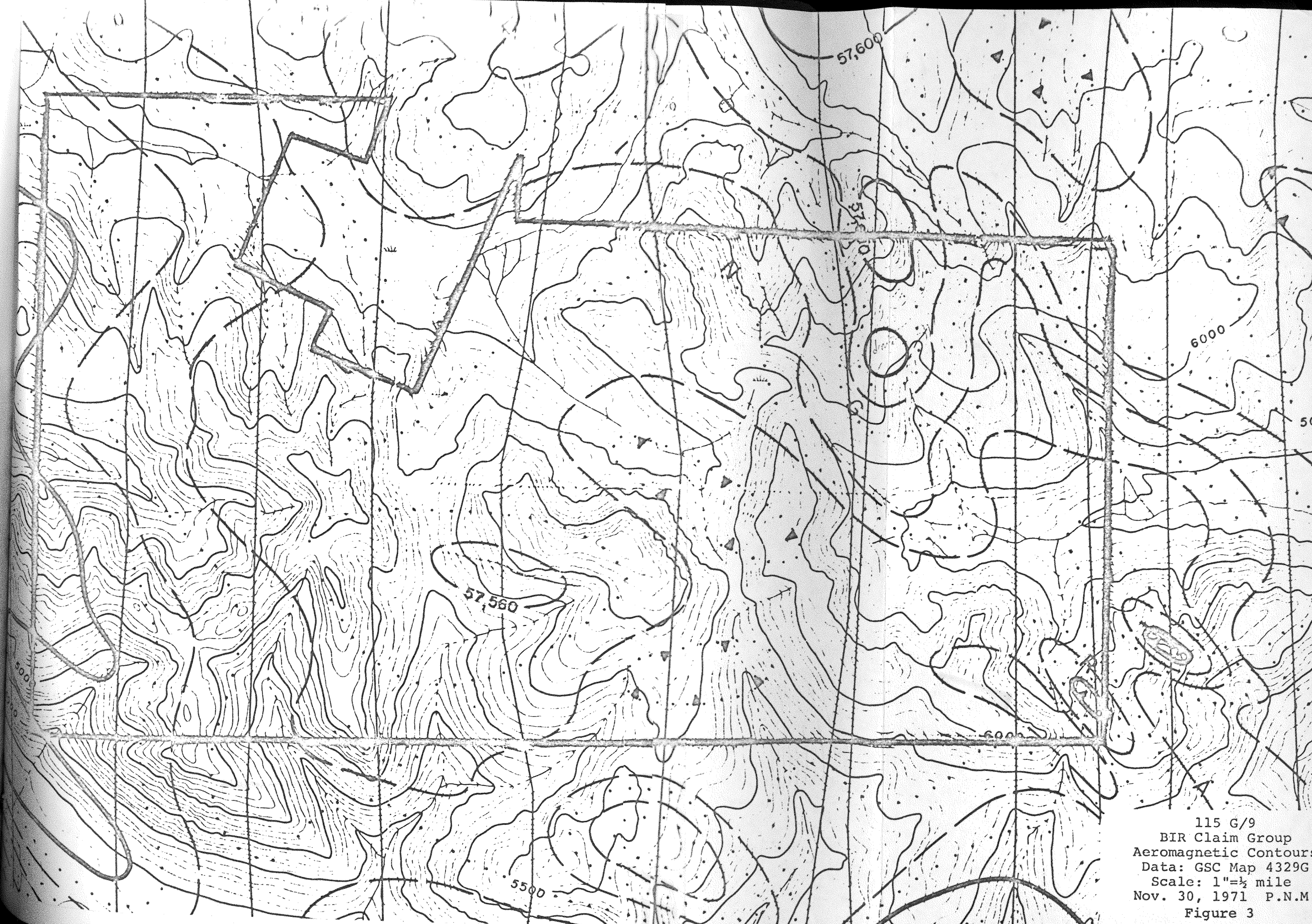
and the Nisling Range Alaskite.

Structure

Structurally, one of the most interesting features on the property are the erosional remnants of the Yukon Group lying atop the roof of the Nisling Range Alaskite. The roof pendants are well illustrated in the cross-section, (Figure 2). In plan the southernmost one is roughly an elliptical, elongated E-W, isolated mass of quartzite. Typically it occupies the top of the southern ridge capping the intrusive which is exposed on the lower ridge flanks. This same situation can be seen on the northern ridge where the two quartzite bodies in plan are lobes of the larger mass of quartzite to the west. The quartzites consistently strike north and dip west at 10 to 30 degrees.

A northwest striking fault has offset the quartzite on L17E and 24E. Topographic lineaments indicate that probably there are more such faults on the property. The topographic lineaments also indicate that there might be another set of faults or joints striking northeast. The north-south attitude of the dykes suggest that there could be a jointing or fracturing system in that direction.

The cross-section (Figure 2) also demonstrates what is probably the internal structure or configuration of the Nisling Range Alaskite intrusive. The central valley is drift covered with no available geological information. Bordering this on either side are zones of coarse granite. These are in turn bordered by fine grained



115 G/9
BIR Claim Group
Aeromagnetic Contours
Data: GSC Map 4329G
Scale: 1"=1/2 mile
Nov. 30, 1971 P.N.M
Figure 3

phases and these by the serratic fine grained phase on the peripheries. If the centre of the intrusion is in the valley this would follow in gross detail the cooling pattern in the body. The assumed contact between the coarse (Unit 6c) and fine grained (Units 6b and 6c) granite at the south end of the cross-section under the quartzite is supported by an observed contact on surface and to the west about 2000 feet. The precise location of both of the contacts underlying the quartzite capping are unknown but the evidence surrounding the quartzite roof pendant supports their presence.

Aeromagnetic Map

The aeromagnetic response over the property is weak. A northwest trend is indicated by the isomagnetic lines over the east part of the claims and a north trend is indicated over the west portion (Figure 3).

The latter corresponds to the attitude of the quartzites and dykes which under^{le}lay the west third of the property. The northwesterly magnetic trend over the eastern portion of the claims parallels the direction of the major regional structural lineament (Shakwak Trench). It is suggested that the general attitude of the Alaskite stock is northwest and that it was probably intruded along a northwesterly trending zone of weakness.

A circular magnetic anomaly in the northeast part of the claim group is related to a diorite intrusion that outcrops here.

Metamorphism

The property has undergone a rather complicated series of repeated regional and contact metamorphic events. Potassium-argon age determination* imply a multiple history of metamorphism dating from latest Palaeozoic to earliest Tertiary time. The earliest known event would have been the contact effects of intrusion of the Nisling Range Volcanics and Nisling Range Granodiorite. The next event probably was a regional metamorphism as evidence by the foliation in the Nisling Range Volcanics. Apparently this was quite variable on a local scale as shown by the restricted presence of the biotite-garnet schist in an area of variably developed schistosity in a biotite rich quartzite. The last major event likely was the regional but rather minor contact effects of the Nisling Range Alaskite.

However, despite these complexities, a number of alterations are present which may be of economic significance. The most striking is the development of clay minerals in several of the NRA granites. This varies from a major change in the rock composition to minor kaolinization on some of the feldspars.

It will also be significant in the more detailed work to follow to try and separate the various stages of biotite present, both in the quartzite and in the granites. Secondary biotite as part of alteration zones could be invaluable as a tool to help concentrate efforts in the right section of the property.

*Muller, J.E. (1967) Kluane Lake Map Area; GSC Memoir 340

Economic Geology

Sites containing copper, zinc, molybdenum and lead mineralization were found on the property. These were generally restricted to two main rock types; the Nisling Range Alaskite which contained molybdenum mineralization, and the Yukon Group containing mainly copper, zinc and lead. Molybdenum shows the best indications of becoming economically significant.

Minor amounts of pyrrhotite/pyrite, usually in amounts varying from 1 to 10% are found in most of the units. Exceptions to this are the younger coarse granite (6a), the garnet-schist and limestone units of the Yukon Group (9b, 9c) and the tectonic breccias (2b).

The only previous work done on the claim block was the original stream sediment survey that detected this anomalous area and a rapid one-day evaluation prior to staking.

Two occurrences of galena were found on the property. The two occurrences while at different ends of the property (3+50N,160E) and (93N,108W) are very similar. The galena occurs as small irregular veins or pods in a highly altered, massive dark, fine grained quartzite. The former locale (BW 472) is an outcrop showing this highly rusted and weathered portion of an otherwise poorly mineralized to barren quartzite. Sample BW 472 analyzed 730 ppm Cu, 7300 ppm Zn and 92 ppm Mo. The high Mo content is interesting and suggests a possible genetic association

with the Mo mineralization found in the granite west of here. The base metal mineralization found at both localities is restricted in its extent and at 3+50N,160E it is confined to an 8 to 10' zone within the outcrop. The irregularity of the mineralization and its limited extent rule out any possibility of its being economically viable. Although the showings are not of direct importance for their metal content they are highly significant indicators. This type of mineralization could represent the aureole of lead-zinc in vein-like systems that is commonly associated with porphyry copper deposits.

A number of additional copper and zinc occurrences were found in the Yukon Group of rocks at the following locations:

- 1) Copper - in highly rusted quartzite at (85,79W),
sample BW 174
- 2) Zinc - in highly rusted quartzite at (11S,88E),
sample BW 306

Both of these showings are patchy and they are restricted.

A sample from the copper showing analyzed 975 ppm Cu and a sample from the zinc showing analyzed 1230 ppm Cu, 66000 ppm Zn and 21 ppm Mo. This mineralization is not significant economically. However it does represent introduction of metals in a manner similar to that around known deposits.

No significance is attached to the widespread occurrence of minor pyrrhotite/pyrite in the quartzites.

As previously discussed under quartzite lithology, it is assumed that this sulphide mineralization is in part or wholly a function of the original composition of the sedimentary rocks. However, if future work indicates that it is possible to differentiate between a secondary sulphide and this 'primary' sulphide mineralization, then it may be possible to establish pyritic alteration zones.

Copper mineralization was also found in a skarn environment at (21S,129E) BW 409 and (2S,163E), BW 473. The former analyzed 860 ppm Cu and 650 ppm Zn, the latter contained 174 ppm Cu, 203 ppm Zn and 1980 ppm Mo. Geochemically the basic difference between the two showings is the presence of Mo in BW 473. Copper was especially noticeable in sample BW 409, and both chalcopyrite and malachite were visible. Here again the irregularity and size of the mineralization zone makes it uneconomic.

Molybdenum was found in minor amounts in irregular quartz veins and in miarolitic vugs in the granites on the western portion of the property.

The major molybdenum mineralization was found on the southern fringes of the property between lines 72E and 120E. Basically there are two types of occurrences. The first consist of molybdenite smears on dry fractures in the fine grained granite (15S,76E), (12+50S,74+50E). A composite sample of this unit analyzed 10 ppm Cu, 106 ppm Zn and 10 ppm Mo. Individual samples vary from 11 to 62 ppm Mo.

Also a more extensive mineralization occurs in watery quartz veins in the serratic granite at the following locations: (21S,102E), (21S,100E), (29S,96E), (29S,88E). A number of attendant features enhance the potential of this area. Firstly the potential area of molybdenum mineralization is in excess of 3000' in length along an E-W direction. In width, its dimensions are partly obscured by the quartzite cover but molybdenum mineralization is present over a minimum width of 1000' in the talus. Thus the occurrence is sufficiently large to be of economic interest. Secondly a number of alteration effects are present. Several specimens from the area showed extensive clay alteration possibly characteristic of an argillic alteration zone, in addition some samples showed signs of leaching along the margins of fine fractures. The presence of three or more quartz filled fracture sets is also an indication that hydrothermal activity has been relatively intense and that the area is a promising one.

While none of these factors guarantee the presence of a mine, the results of this preliminary study have been sufficiently favourable to warrant further work on this prospect.

SOIL GEOCHEMISTRY

Introduction

In general the property is made up of E-W trending valleys flanked by ridges to the north and south.

The soil profile is relatively complicated due to the presence of a recent volcanic ash layer. Generally the "A" horizon is underlain by the volcanic ash although in places a poorly developed "B" horizon separates the two. In turn the ash may be underlain by a paleo "A" and/or "B" horizon.

Generally all these horizons are present in the valleys and on the lower parts of the southern slopes. The ash varies in thickness from 1" to 12" and usually it is thickest in the valleys.

On the steep northern slopes, which are predominantly talus covered, these horizons are sporadically developed. Frequently all that is present is a thin "A" horizon directly below patches of caribou moss.

In places the ash forms its own "B" horizon, however this can be distinguished easily from the true "B" horizon because the latter is clayey while the former is sandy in composition.

Soil Profiles

Three soil profiles were taken; profile one came from a southern moss/talus slope (138N,44W); profile two was located in a valley setting (58N,49W) and profile three was obtained from a steep southern talus slope over an anomalous area (69N,49+15E). The results of these profiles

are shown in Table 2.

From these results it is obvious that one must sample below the ash layer. In places the decomposed organic layer at surface can be used, but if possible it should be avoided as the values tend to be erratic and frequently appear to contain only half as much metal as the "B" horizon.

Sampling Procedure

The claim group was covered by a grid with lines running N-S in the central and eastern areas and E-W in the western area. The lines were spaced 800 feet apart and picketed at 100 foot intervals.

Soil samples were taken every 200' along the lines and the sample sites marked by flagging bearing the sample number. In addition rock chip samples were taken at every site and composites were made of these so that background values could be established for Cu, Zn and Mo in the rocks. The samples were stored in heavy-duty, high wet-strength kraft envelopes, semi-dried in the field and shipped to Whitehorse for analysis.

Laboratory Procedure

The samples were sent to Bondar-Clegg Laboratory in Whitehorse for geochemical analyses on copper, zinc and molybdenum. All samples were dried and sieved to minus 80 mesh and every alternate one analyzed.

Analyses were done on a Tectron Model AA5. It was done using an atomic absorption spectrometer after digestion with hot HCl:HNO₃.

Table 2

Cu-Zn-Mo in Profile of Soil Horizons - Bir Group

Profile 1 (138N,44W)

<u>Sample No.</u>	<u>Horizon</u>	<u>Description</u>	<u>All values in ppm</u>		
			<u>Cu</u>	<u>Zn</u>	<u>Mo</u>
5106	A ₁	Blackish brown, humus from decomposed caribou moss, from 15 to 1"	18	116	3
5107	Ash	Weathered brown, sandy volcanic ash from 1" to 4"	9	13	1
5108	Paleo "A"	Brownish black, organic layer from 4" to 5"	37	71	3
5109	B	Stoney, clayey, brown soil sampled from 5" to 8"	51	100	3

Profile 2 (58N,49W)

5156	A ₁	Black well decomposed humus rich organic layer under caribou moss, 0 to 1"	14	40	3
5157	Ash	Weathered brown, sandy volcanic ash below humus 1" to 2.5"	3	8	1
5158	B(ash)	volcanic ash breaking down to form new "B" horizon from 2.5" to 3.5"	4	8	ND
5159	B	Brown clayey soil, with pebbles of local granite, sampled below ash	22	128	6

Profile 3 (69N,48+50E)

5833A	A ₁	Dark brown, well developed organic layer, below caribou moss and grass, from 0 to 1.5"	<u>99</u>	<u>1050</u>	3
5833B	B	Brown, silt-clay soil forming good "B" horizon, sampled below organic, 1.5 to 6"	<u>230</u>	<u>1750</u>	<u>6</u>

Profile 3 (69N,48+50E) cont'd

<u>Sample No.</u>	<u>Horizon</u>	<u>Description</u>	All values in ppm		
			<u>Cu</u>	<u>Zn</u>	<u>Mo</u>
5833C	B(ash)	Silty, dark brown ash layer, breaking down to form soil, from 6 to 7.5"	<u>108</u>	<u>400</u>	2
5833D	Ash	Buried, brownish grey volcanic ash, sandy, from 7.5 to 12"	18	58	1
5833E	B	Buried, silty clay, brown soil horizon, sampled directly below ash	<u>210</u>	<u>1650</u>	6

Standard Samples

To check on the reproducibility of the results, standard samples were included with each shipment and analyzed for Cu, Zn and Mo. The results are given in Table 3 and they are within acceptable limits.

Table 3

Standard Sample A

<u>Sample No.</u>	<u>ppm Cu</u>	<u>%Variation</u>	<u>ppm Zn</u>	<u>%Variation</u>	<u>ppm Mo</u>	<u>%Variation</u>
5028	17	13	36	0	1	0
5672	13	13	36	0	ND	-
5913	15	0	34	5.5	1	0
5694	16	6.7	38	5.5	ND	-
6214	16	6.7	38	5.5	1	0
7464	<u>14</u>	<u>6.7</u>	<u>33</u>	<u>8.3</u>	<u>2</u>	<u>100</u>
Mean	<u>15</u>	<u>7.6</u>	<u>36</u>	<u>4.1</u>	<u>1</u>	<u>16</u>

Standard Sample B

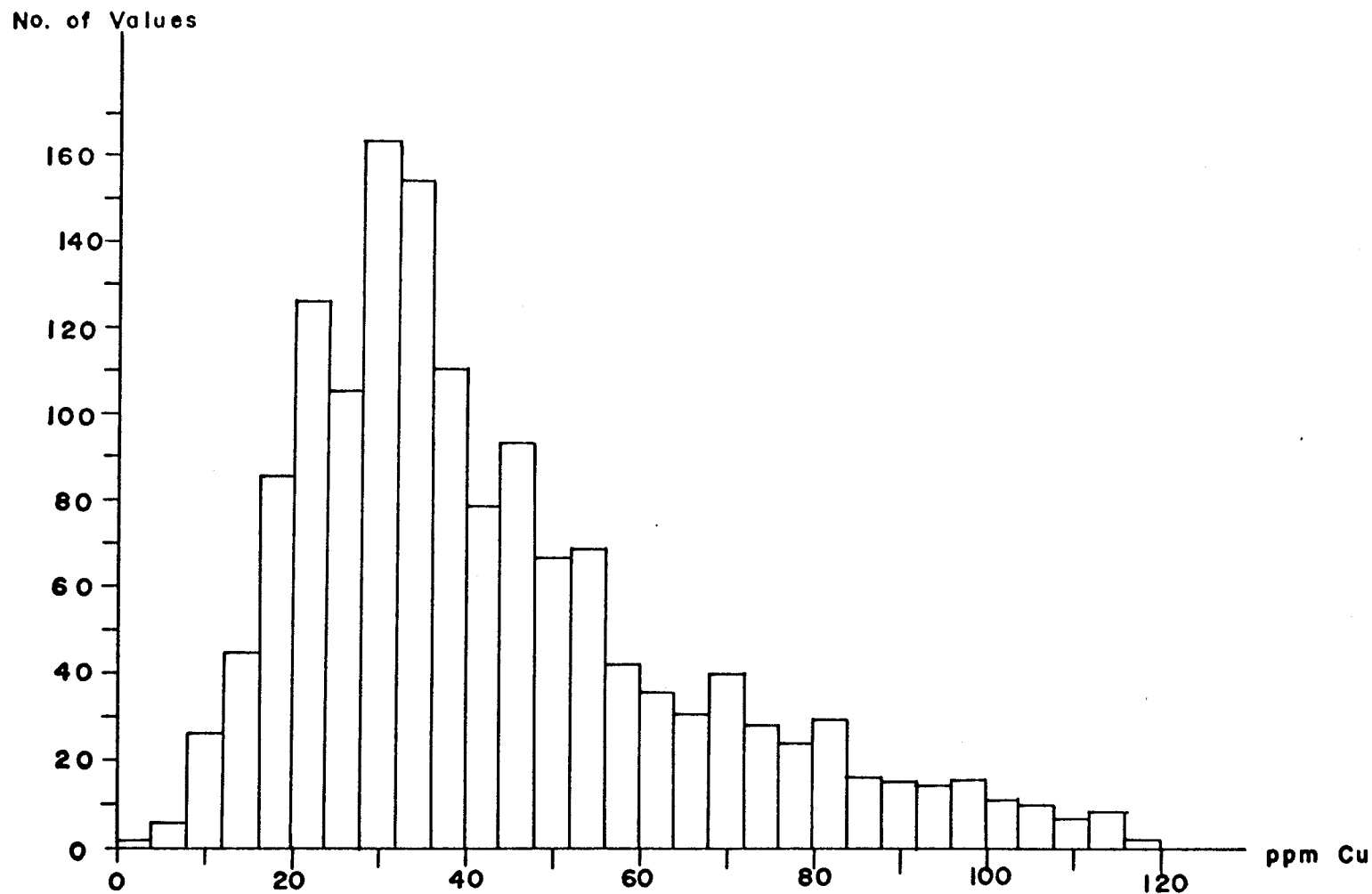
<u>Sample No.</u>	<u>ppm Cu</u>	<u>%Variation</u>	<u>ppm Zn</u>	<u>%Variation</u>	<u>ppm Mo</u>	<u>%Variation</u>
5017	1060	5.4	29	3.3	3	50
5246	950	5.4	29	3.3	2	-
5628	980	2.5	35	16.7	2	-
5961	980	2.5	30	0	2	-
6238	945	6.0	30	0	2	-
6770	<u>1200</u>	<u>19.4</u>	<u>31</u>	<u>3.3</u>	<u>2</u>	<u>-</u>
Mean	1005	7.4	30	3.8	2	7

Standard Sample C

5021	1210	1.6	29	-	2	-
5254	1200	0.8	33	14.0	1	50
5662	1170	1.6	28	2.9	3	50
5887	1300	9.2	26	10.3	2	-
6252	1140	4.0	30	2.9	2	-
6710	1150	3.2	30	2.9	2	-
7522	<u>1160</u>	<u>2.4</u>	<u>29</u>	<u>-</u>	<u>2</u>	<u>-</u>
Mean	1190	3.3	29	4.7	2	14

Statistical Treatment of Results

Histograms were drawn for Cu, Zn and Mo in the soil and these are shown in Figures 4, 5 and 6. The multi-modal character of the curves indicates that several distributions exist for each metal. These are caused probably by changes in geology and mineralization.



FREQUENCY DISTRIBUTION FOR COPPER

FIGURE 4.

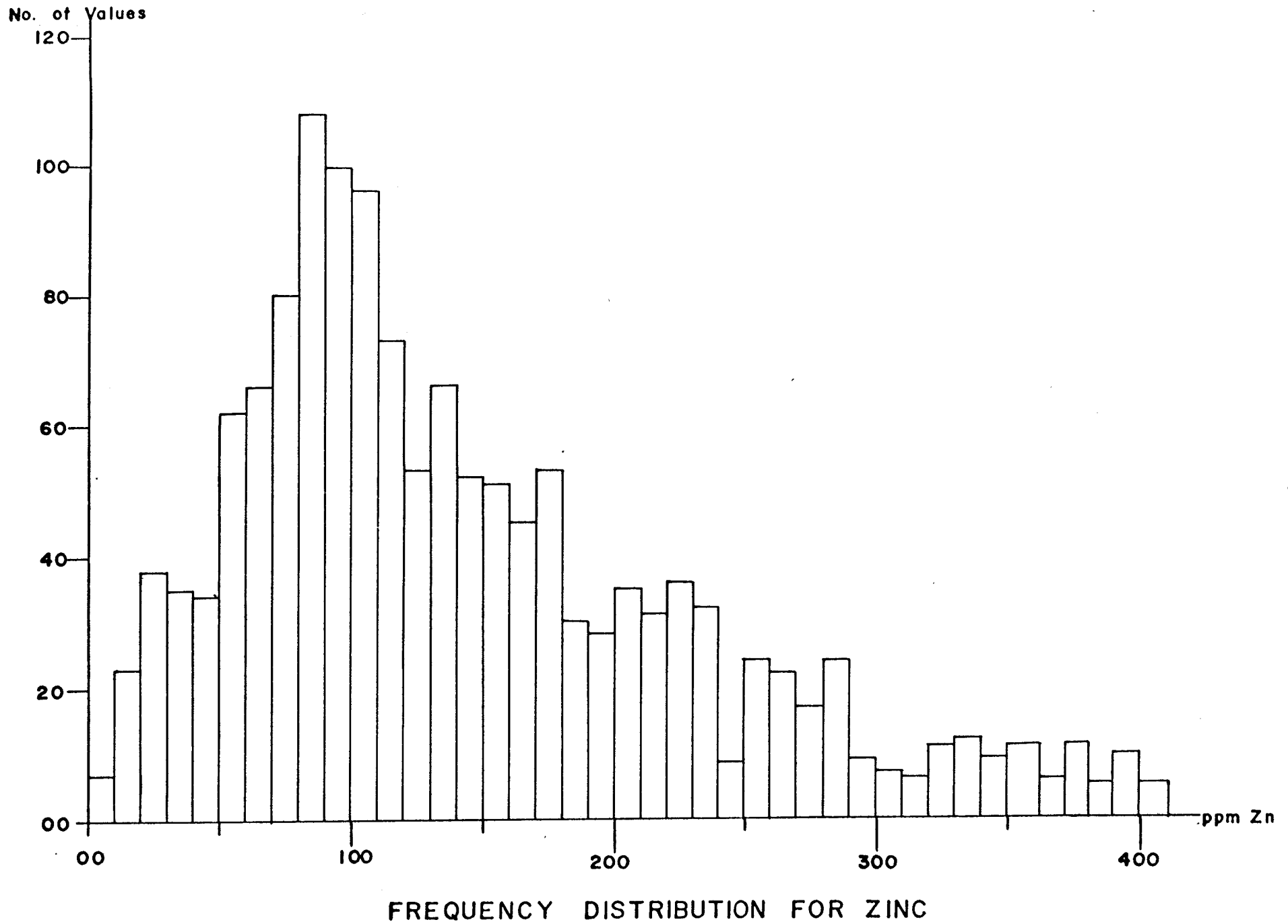


FIGURE 5.

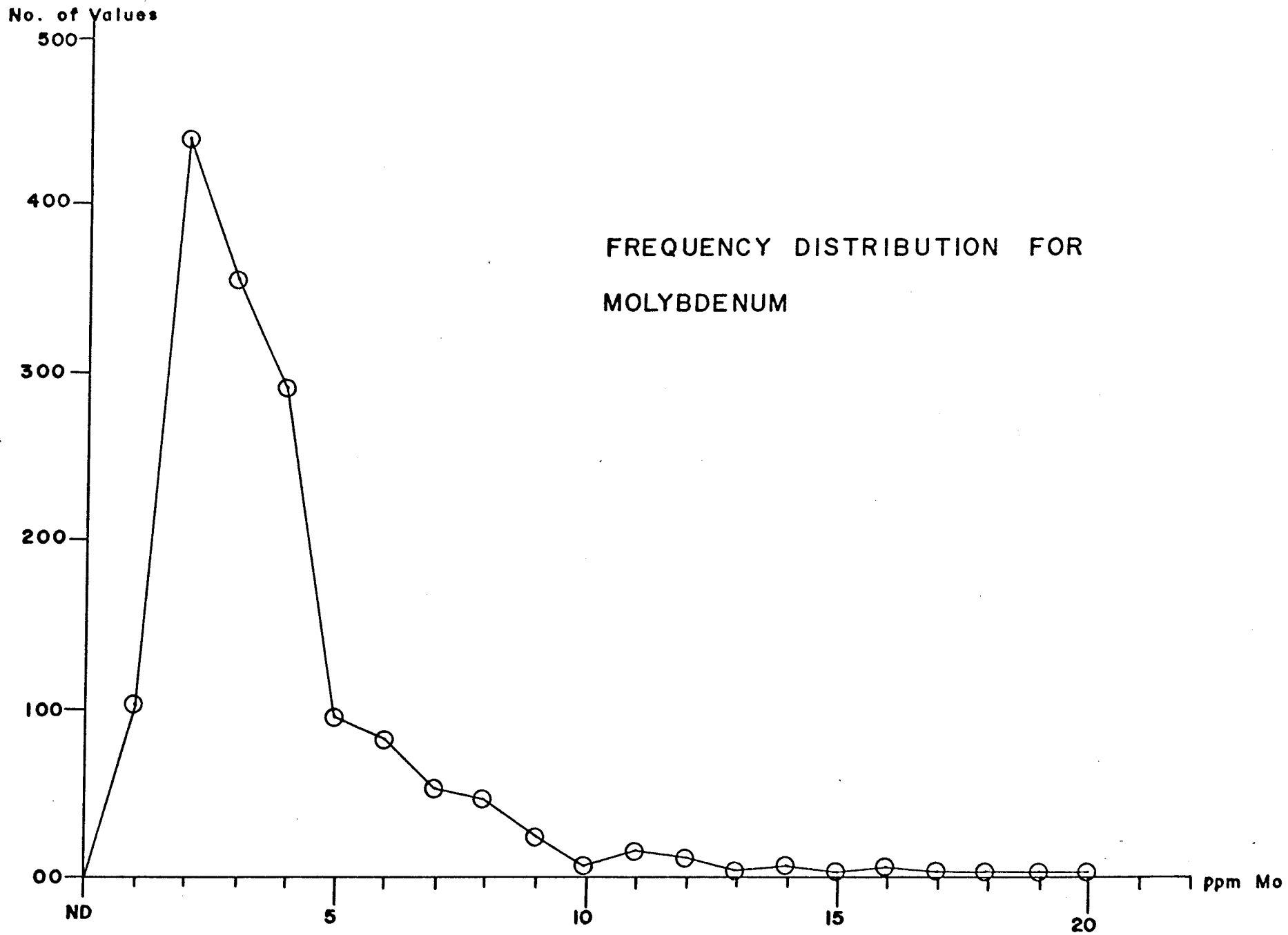


FIGURE 6.

To approximate a normal distribution the exceptionally high values on all three histograms were ignored. This in effect lessened the positive skewness of the curves. Having approximated a normal population the top 3% were considered to be anomalous and a value at the 50% interval was taken as a background. The following results were obtained:

	<u>Cu ppm</u>	<u>Zn ppm</u>	<u>Mo ppm</u>
Anomalous	<u>74</u>	<u>275</u>	<u>7</u>
Background	33	115	3

All sample locations were plotted and the results are shown on the accompanying geochemical maps.

Results

Anomaly No. 1

Anomaly 1, located on the west part of the property (map sheet #1). It extends northerly from lines 85 to 64N, a distance of 7200 feet. The anomaly is composed of several coincident copper and zinc anomalies with a large central molybdenum anomaly. The molybdenum centre has two major trends shown by peripheral lobes. These lobes are in NE-SW and NW-SE directions. The main body of the anomaly appears to broaden out at the junctures of these two systems. Values for Mo range from 6 ppm on the periphery to over 30 ppm at 40N,37W. There are three separate coincident copper anomalies associated with the molybdenum, the largest being in the southern portion where values of up to 440 ppm are found. The central core around L24N is marked by values

which range from 250 to 345 ppm copper and values in the northern part range from 82 to 113 ppm copper.

Several north and northeast trending zinc anomalies occur over and on the peripheries of the copper anomalies. Anomalous values range from 200 to 1650 ppm, with the maximum concentrations in the south on line 8N to 24N.

The anomaly is underlain by porphyritic and fine grained granite units and the Yukon Quartzite unit. The south part of the anomaly appears to be associated with the granite porphyry and to a lesser extent with its contact with the quartzite.

Anomalous molybdenum samples (49 and 620 ppm) were found in the quartzites underlying the northern part of the soil anomaly. Two samples (BW230, BW239) from that area contained 21 and 10 ppm and a breccia pipe (BW40) analyzed 40 ppm molybdenum. Hence, in this area, both the sediments and granites are molybdenum bearing.

A rhyolite dyke (BW206) and a granite porphyry sample (BW205) in the south part of the anomaly analyzed 22 and 6 ppm molybdenum respectively. Several samples of the granitic rocks in the central part of the anomaly that were obtained during the reconnaissance programme last year contained high Cu (74 to 300 ppm) and Mo (6 to 25 ppm)

Anomaly No. 2

Anomaly No. 2 is a small weak molybdenum-copper anomaly that appears to be the southwest extension of the copper zone of anomaly No. 1. It is underlain by quartzite

and no explanation for it was found in the field. Two rock samples (BW220, 222) from nearby contained normal amounts of Cu, Zn and Mo.

Anomalies Nos. 3, 4, 5, and 8

Several weak molybdenum anomalies (Nos. 3, 4, 5 and 8) occur in the valley. Their orientation suggests that they may be transported anomalies related to the moraine deposits which traverse the valley in the same direction as the geochemical soil anomalies.

A piece of molybdenum bearing granite float was found in the vicinity of anomaly #3 and it probably came from upslope in the vicinity of anomaly #9.

Anomaly No. 6

Anomaly 6 is a weak copper and in part molybdenum anomaly trending in a north direction. A single high value at 112N, 48W contains 108 ppm Cu, 190 ppm Zn and 8 ppm Mo. Geologically it seems to follow a contact between quartzite and fine grained granite.

Anomaly No. 7

This copper anomaly is parallel to and 2000 feet west of anomaly 6. It is narrow (200') and trends north and northeast for 3200 feet. Copper values range from 88 to 810 ppm and geologically the anomaly is underlain by north striking quartzite

Anomaly No. 9

This is a large multi-element anomaly occupying

the south central part of the claims north of BL 00 between L40E and L48W. The north portion is predominantly a Mo-Zn zone in which anomalous values range from 7 to 22 ppm Mo and from 250 to 860 ppm Zn. The south half of the anomaly is principally a Cu-Zn one with anomalous values from 79 to 186 ppm for Cu and from 220 to 1150 ppm for Zn. Copper appears to be concentrated in a northwest trending zone in the southeast portion of it between L16E and L32E from 0 to 18N.

A large gap is present in the central part of the anomaly because of the presence of a near vertical, north facing cliff face that goes between L8E and 16W.

The north half of the anomaly is underlain for the most part by medium to coarse grained alaskite granite and the south portion by fine grained granite. The general trend of the Mo-Zn soil anomaly is east-west however a northwest trend is indicated by the copper contours.

Several rock samples from the granite contained 318 to 1000 ppm zinc and molybdenite was found in a sample of granite debris at 56N,42W. The latter was derived probably from the hill on the northwest end of this anomaly. No geological explanation was found for the copper anomaly although it could be related to mafic dykes which are common in this area.

Anomaly No. 10

This is a major Cu, Zn and Mo anomaly going from L64E to L136E, and 8N to 32S. The anomalous area measures

approximately 7400 feet by 3200 feet and it is open to the south. Its general trend is east-west however northeast and northwest trending lobes are evident in all metals.

Values in excess of 100 ppm Cu, 200 ppm Zn and 7 ppm Mo are common throughout the area. The rocks underlying the strongest parts of the copper and zinc zones are roof pendants of pyrrhotiferous quartzite. A small zinc showing was found on L88E, 10S and rock geochemical analyses show that this quartzite unit is abnormally high in copper and zinc. Two of the three molybdenum highs as outlined by the 6 ppm contour are coincident with the Cu-Zn zone. However a separate segment to the south between L88E and 112E is related to the molybdenum mineralization found in the serratitic granite (see discussion in section on Economic Geology). The anomaly is open to the south and extends beyond the present claim boundaries.

Anomaly No. 11

This is a easterly trending copper-zinc anomaly with lesser amounts of molybdenum. It runs south of and parallel to the base line from L160E to 184E and it is open on the east. The dimensions of the zone on the claim group is about 4000' x 1000'.

Anomalous values for copper in the soils range from 96 to 1100 ppm, for zinc the range is from 280 to 3700 ppm and for molybdenum, 6 to 9 ppm.

The zinc anomaly is much more extensive than the

copper one and it occupies 7 claims in the southeast corner of the property. It continue east and south off of the limits of the present claims.

Geologically the area is underlain by roof pendants of the Yukon Group which are made up of pyrrhotiferous quartzite and lesser quantities of skarn. Windows exposing Nisling Range Alaskite and in one place diorite are also present.

A small showing of Cu, Pb and Zn in rusty quartzite containing high Mo values (92 ppm) was found in sample BW472 at 2N, 160E. Another small copper showing (BW473) in skarn was found at 3+25S, 162+50E and it too contained high Mo (19 ppm). Hence anomaly 11 is in part related to base metal mineralization in skarn and pyrrhotiferous quartzite. However much of the east end of the anomaly is underlain by Nisling Range Alaskite and the cause of the anomaly there and to the south has not been determined.

Anomaly Nos. 12 and 13

Both of these anomalies are northeast trending ones that lie north of the base line between L48E and 120E.

They are principally molybdenum anomalies with erratic high values of Zn and to a lesser extent copper.

Anomaly 13 is about 200 feet wide and it starts at the base line on the west side of a hill at L48E. It trends north and at about 14N it changes direction and crosses the hill to continue northeast for 4200 feet. Molybdenum values range from 7 to 12 ppm, copper from 18 to 79 ppm and

and zinc from 116 to 346 ppm.

The anomaly appears to follow along the contact between a roof pendant of quartzite and Nisling Range Alaskite (BW286) taken from the northeast end of the anomaly contained 40 and 9 ppm Mo respectively. The molybdenite occurs in quartz stringers which cut these rocks; the alaskite sample was also high in zinc (260 ppm).

Anomaly 12 trends in a northeast direction for 4800 feet between L96E and 120E. It has a width of about 600 feet. Metal values in this anomaly are similar to those found in 13. It is underlain by Nisling Range Alaskite (Unit 6c), a sample (BW365) of which contains 9 ppm Mo. The cause of the anomaly is probably similar to anomaly 13.

Anomaly No. 14

The north part of the central portion of the claims is underlain by an extensive Cu-Zn anomaly that trends east-northeast and it is flanked by several smaller Mo anomalies.

The core of the anomaly is high in Cu and Zn and it has an average width of 1600 feet and a length of about 13000 feet. The copper portion goes from L8W and extends east and northeast off of the claims at L120E. The zinc zone is 1000 to 4000 feet wide and it runs from L8E to 184E (approximately 3 miles).

Anomalous values for copper in the zone range from 75 to 440 ppm, for zinc from 200 to 3900 ppm and the molybdenum anomalies on the peripheries contain 6 to 23 ppm Mo.

The western and central portion of the Cu-Zn anomaly is underlain by a large roof pendant of quartzite (Unit 9a) from which rock samples high in Cu and Zn have been obtained (see Appendix III).

The northeast end of the copper zone and the east end of the zinc zone from line 120E is underlain by Nisling Range Alaskite (Units 6a, 6b). Several rocks from fractured phases of the this unit were found to contain anomalous Cu and Zn.

The molybdenum anomalies are related to the exposed edge of the quartzite-granite contact.

Discussion

The results of the geochemical soil survey over the Bir claims has outlined 14 anomalous metal areas. Most of them contain coincident or partly coincident Cu-Zn-Mo anomalies.

The causes of the major anomalies (i.e. 1, 9, 10, 11, 12, 13 and 14) have been explained by the occurrence of mineral showings and/or high geochemical values in the underlying rocks. Several anomalies in the valleys (Nos. 3, 4, 5 and 8) are believed to be due to glacially transported moraine.

The lobate character of the anomalies suggest that northeast-northwest trending fractures somehow control the distribution of Mo and to a lesser extent Cu and Zn in the rocks. This is particularly true over the granite rocks.

Intersections of these trends usually result in enlarging the anomaly width (Anomalies 1 and 9).

Cu-Zn soil anomalies associated with weaker Mo anomalies are frequently caused by Cu-Zn sulphide mineralization in pyrrhotiferous quartzites and to a lesser extent by Cu-Zn occurrences in skarn (Anomalies 10 and 11).

Quartzite areas are generally high in metals where they form roof pendants atop the Nisling Range Alaskite (Anomalies 1, 11, 14 and parts of 10) where the quartzite does not form roof pendants (e.g. on the west side of the property) low metal values result. This suggests that the intrusions have introduced Cu, Zn and Mo to the quartzites.

Zinc and weak Mo anomalies in the soils can be derived also from the Nisling Range Alaskite (east end of Anomaly 14 and south part of Anomaly 9).

Significant molybdenum mineralization has been found in serratitic alaskite granite over the south part of Anomaly 10. This is the most interesting zone found to date and it appears to occur at the intersection of a set of northeast and a northwest linear as outlined by the Cu and Zn contours.

More detailed geochemical work is warranted in this area as well as around Anomalies 11, 9 and 1.

ROCK GEOCHEMISTRY

To establish background values for the various rock units two methods were used. The first involved the taking of a small rock chip sample, either from bedrock or from surface debris at each soil sample site. These fragments were later sorted by the geologist and grouped according to rock types.

With this method a statistically meaningful number of rock chips for each geological unit was collected. Eleven composite samples representing the five major rock types were made up from some 3000 rock chips. These composites were analysed for Cu, Zn and Mo to provide a background for these metals in each rock unit (Table 4).

In addition the results of the individual rock samples collected by the geologist were averaged (Table 5). Because the latter samples include both mineralized and unmineralized specimens the backgrounds calculated from them are higher. The composite sample results are probably nearer the true average for the rock units.

They show that the quartzites in the eastern portion of the property are higher in Cu, Zn and Mo (72 ppm, 290 ppm and 6 ppm respectively) than those in the western and central portions. Except for a slight increase in molybdenum (6 ppm) from the alaskite in the western sector the metal averages for the remaining rock units are consistent across the property.

Table 4

Geochemical Analysis of Composite Rock Chip Samples

<u>Sample No.</u>	<u>Rock Unit</u>	<u>Area</u>	<u>All values in ppm</u>		
			<u>Cu</u>	<u>Zn</u>	<u>Mo</u>
BW 182	Yukon Group Quartzite	Central	48	136	3
BW 282		Western	35	98	4
BW 447		Eastern	<u>72</u>	<u>290</u>	<u>6</u>
		Average	<u>51</u>	<u>174</u>	<u>4</u>
BW 180	Nisling Range Alaskite	Central	8	65	2
BW 278		Western	18	50	6
BW 444		Eastern	<u>11</u>	<u>80</u>	<u>3</u>
		Average	<u>12</u>	<u>65</u>	<u>4</u>
BW 183	Quartz Feldspar Porphyry	Central	7	69	2
BW 279		Western	<u>7</u>	<u>44</u>	<u>4</u>
		Average	<u>7</u>	<u>56</u>	<u>3</u>
BW 181	Yukon Group Marble	Central	5	13	6
BW 446		Western	<u>7</u>	<u>15</u>	<u>7</u>
		Average	<u>6</u>	<u>14</u>	<u>6</u>
BW 185	Mafic Dyke	Central	18	95	2

Table 5

Average Metal Content of Rock Units

Rock Type	No. of Samples	All Values in ppm						
		Cu		Zn		Mo		
		Average	Range	Average	Range	Average	Range	
Quartz-feldspar porphyry	6	10	4-17	68	30-118	4	1-9	
Feldspar porphyry	1	6		97		3		
Breccia pipes	3	14	4-32	64	48-90	<u>8</u>	1-15	
Breccia (undetermined origin)	1	23		78		2		
Diorite	5	12	2-17	<u>107</u>	60-151	2	1-6	
Mafic and Quartz-porphry Dykes	4	<u>212</u>	14-660	<u>180</u>	75-340	4	2-5	
Rhyolite Dykes	2	<u>63</u>	63	<u>105</u>	36-174	<u>14</u>	6-22	
Nisling Range	Younger Coarse grained granite	7	5	3-10	80	21-123	1	1-2
Alaskite	Fine grained granite	91	13	2-148	<u>103</u>	8-1000	3	ND-62
	Medium to coarse grained	88	17	1-900	<u>78</u>	12-400	3	ND-12
	Granite porphyry	11	21	3-70	56	35-98	5	1-35
	Serratitic granite	3	12	4-22	65	57-74	<u>15</u>	1-38
Nisling Granodiorite	1	7		56		2		
	Granite gneiss and Felsite	3	28	18-40	91	35-150	1	ND-2
Yukon Group	Banded quartzite	101	84		<u>246</u>		4	
	Garnet Schist	1	<u>37</u>		<u>56</u>		2	
	Marble	0						
	Skarn	4	<u>65</u>	17-174	<u>168</u>	20-365	<u>6</u>	2-19

In Table 5 maximum averages for copper were found in the mafic dykes (212 ppm), in the banded quartzite (84 ppm), in the skarn (65 ppm) and in the rhyolite dykes (63 ppm). Zinc had maximum averages in banded quartzite (246 ppm) in mafic dykes (180 ppm), in skarn (168 ppm) and in the fine grained granites (103 ppm), rhyolite dykes (105 ppm) and diorite (107 ppm).

The maximum values for Mo were in the serratic granite (15 ppm), rhyolite dykes (14 ppm), breccia pipes (8 ppm) and in skarn (6 ppm).

The results of these analyses indicate that the copper-zinc mineralization is quite a separate event from that of molybdenum. The only hint of overlap is in the skarn which, in part, is probably a result of metasomatic processes set up when the ^Aelaskite intruded the Yukon Group rocks.

The Cu, Zn and Mo content of each rock sample has been plotted on the geological maps and they have been tabulated in Appendix III of this report.

RECOMMENDATIONS

Two additional rows of claims should be staked along the south end of the Bir group from about line 56E to L184E. These claims should give sufficient coverage to protect the southern extension of the Mo mineralization found between L88E and L112E.

All soil samples collected in anomalous areas 1, 9, 10, 11 and 14 should be analyzed geochemically for Cu,

Zn and Mo. These zones should be carefully prospected and rock geochemical samples systematically taken at every soil station. Lines 400 feet apart should be cut and sampled (soil and rock) over the southeast portion of the property (Anomalies 10 and 11) and over the new claims. Sample intervals should be 200 feet.

Claims north of L88N and west of 110W on sheet No. 1 should be dropped.

Because of the lack of other sulphides in the granite host rock of the Mo zone on anomaly 10, it is doubtful whether any geophysical survey will help delineate drill targets. Undoubtedly the quartzites would produce good I.P. anomalies which might mask any underlying Mo mineralization. Several experimental lines should be done over anomaly 10 to test the I.P. response.

To help establish geological contacts a magnetometer survey is recommended.

Submitted by:

B. Winfield

B. Winfield, B.Sc.

Toronto, Ont.

October 5, 1972



C.F. Gleeson, Ph.D., P.Eng.

APPENDIX I

CLAIM POST DATA

<u>Claim Post Ref. No.</u>	<u>Claim Nos.</u>	<u>Claim Tag Nos.</u>	<u>Direction of Claim</u>	<u>Staker's Name</u>	<u>Date of Staking</u>	<u>Location</u>
1	Bir-1	Y63106-1	L1500'	A.A.Wright	Sept.21,1971	400'E of 20S on c/l 168E
	" 2	Y63107-1	R1500'	"	"	"
2	" 1	Y63106-2	L1500'	"	"	350'E of 9S on c/l 168E
	" 2	Y63107-2	R1500'	"	"	"
	" 3	Y63108-1	L1500'	"	"	"
	" 4	Y63109-1	R1500'	"	"	"
3	" 3	Y63108-2	L1500'	"	"	300'E of 3N on c/l 168E
	" 4	Y63109-2	R1500'	"	"	"
	" 5	Y63110-1	L1500'	"	"	"
	" 6	Y63111-1	R1500'	"	"	"
4	" 5	Y63110-2	L1500'	"	"	100'E of 13N on c/l 168E
	" 6	Y63111-2	R1500'	"	"	"
	" 7	Y63112-1	L1500'	"	"	"
	" 8	Y63113-1	R1500'	"	"	"
5	" 7	Y63112-2	L1500'	"	"	80'E of 27N on c/l 168E
	" 8	Y63113-2	R1500'	"	"	"
	" 9	Y63114-1	L1500'	R.A.Conant	"	"
	" 10	Y63115-1	R1500'	"	"	"
6	" 9	Y63114-2	L1500'	"	"	30'W of (38+80)N on c/l 168E
	" 10	Y63115-2	R1500'	"	"	"
	" 11	Y63116-1	L1500'	"	"	"
	" 12	Y63117-1	R1500'	"	"	"
7	" 11	Y63116-2	L1500'	"	"	170'W of 49N on c/l 168E
	" 12	Y63117-2	R1500'	"	"	"
	" 13	Y63118-1	L1500'	"	"	"
	" 14	Y63119-1	R1500'	"	"	"
8	" 13	Y63118-2	L1500'	"	"	215'W of (61+40)N on c/l 168E
	" 14	Y63119-2	R1500'	"	"	"
	" 15	Y63120-1	L1500'	"	"	"
	" 16	Y63121-1	R1500'	"	"	"
9	" 15	Y63120-2	L1500'	"	"	40'E of 79N on c/l 168E
	" 16	Y63121-2	R1500'	"	"	"
	" 17	Y63122-1	L1500'	L.A.Conant	"	"
	" 18	Y63123-1	R1500'	"	"	"

10	Bir-17	Y63122-2	L1500'	L.A.Conant	Sept.21,1971	80'E of (91+50)N on c/l 168E
	"	18	Y63123-2	R1500'	"	"
11	"	19	Y63124-1	L1500'	"	225'W of 20S on c/l 144E
	"	20	Y63125-1	R1500'	"	"
12	"	21	Y63126-1	L1500'	"	"
	"	22	Y63127-1	R1500'	"	"
13	"	21	Y63126-2	L1500'	"	100'W of (6+50)N on c/l 144E
	"	22	Y63127-2	R1500'	"	"
	"	23	Y63128-1	L1500'	"	"
	"	24	Y63129-1	R1500'	"	"
14	"	23	Y63128-2	L1500'	"	70'W of (20+50)N on c/l 144E
	"	24	Y63129-2	R1500'	"	"
	"	25	Y63130-1	L1500'	J.Enoch	Sept.22,1971
	"	26	Y63131-1	R1500'	"	"
15	"	25	Y63130-2	L1500'	"	50'W of (35+30)N on c/l 144E
	"	26	Y63131-2	R1500'	"	"
	"	27	Y63132-1	L1500'	"	"
	"	28	Y63133-1	R1500'	"	"
16	"	27	Y63132-2	L1500'	"	35'E of (50+20)N on c/l 144E
	"	28	Y63133-2	R1500'	"	"
	"	29	Y63134-1	L1500'	"	"
	"	30	Y63135-1	R1500'	"	"
17	"	29	Y63134-2	L1500'	"	100'E of (63+50)N on c/l 144E
	"	30	Y63135-2	R1500'	"	"
	"	31	Y63136-1	L1500'	"	"
	"	32	Y63137-1	R1500'	"	"
18	"	31	Y63136-2	L1500'	"	300'E of 78N on c/l 144E
	"	32	Y63137-2	R1500'	"	"
	"	33	Y63138-1	L1500'	W.Ward	"
	"	34	Y63139-1	R1500'	"	"
19	"	33	Y63138-2	L1500'	"	350'E of 93N on c/l 144E
	"	34	Y63139-2	R1500'	"	"
	"	35	Y63140-1	L1500'	"	"
	"	36	Y63141-1	R1500'	"	"
20	"	35	Y63149-2	L1500'	"	350'E of 105N on c/l 144E
	"	36	Y63141-2	R1500'	"	"
21	"	37	Y63142-1	L1500'	"	225'E of (18+30)S on c/l 112E
	"	38	Y63143-1	R1500'	"	"

22	Bir-37	Y63142-2	L1500'	W.Ward	Sept.22,1971	500'W of 6S on c/1 120E
	"	38	Y63143-2	R1500'	"	"
	"	39	Y63144-1	L1500'	"	"
	"	40	Y63145-1	R1500'	"	"
23	"	39	Y63144-2	L1500'	"	550'W of 4N on c/1 120E
	"	40	Y63145-2	R1500'	"	"
	"	41	Y63146-1	L1500'	G.John	"
	"	42	Y63147-1	R1500'	"	"
24	"	41	Y63146-2	L1500'	"	160'E of (16+70)N on c/1 112E
	"	42	Y63147-2	R1500'	"	"
	"	43	Y63148-1	L1500'	"	"
	"	44	Y63149-1	R1500'	"	"
25	"	43	Y63148-2	L1500'	"	150'E of (30+50)N on c/1 112E
	"	44	Y63149-2	R1500'	"	"
	"	45	Y63150-1	L1500'	"	"
	"	46	Y63151-1	R1500'	"	"
26	"	45	Y63150-2	L1500'	"	250'E of (41+80)N on c/1 112E
	"	46	Y63151-2	R1500'	"	"
	"	47	Y63152-1	L1500'	"	"
	"	48	Y63153-1	R1500'	"	"
27	"	47	Y63152-2	L1500'	"	140'E of 55N on c/1 112
	"	48	Y63153-2	R1500'	"	"
	"	49	Y63154-1	L1500'	S.Johnson	"
	"	50	Y63155-1	R1500'	"	"
28	"	49	Y63154-2	L1500'	"	75'N of (116+30)E on B/1 69N
	"	50	Y63155-2	R1500'	"	"
	"	51	Y63156-1	L1500'	"	"
	"	52	Y63157-1	R1500'	"	"
29	"	51	Y63156-2	L1500'	"	570'W of 83N on c/1 120E
	"	52	Y63157-2	R1500'	"	"
	"	53	Y63158-1	L1500'	"	"
	"	54	Y63159-1	R1500'	"	"
30	"	53	Y63158-2	L1500'	"	450'W of 95N on c/1 120E
	"	54	Y63159-2	R1500'	"	"
31	"	55	Y63160-1	L1500'	"	370'W of 20S on c/1 88E
	"	56	Y63161-1	R1500'	"	"
32	"	55	Y63160-2	L1500'	"	260'W of (7+20)S on c/1 88E
	"	56	Y63161-2	R1500'	"	"
	"	57	Y63162-1	L1500'	A.Coulombe	"
	"	58	Y63163-1	R1500'	"	"

33	Bir	57	Y63162-2	L1500'	A Coulombe	Sept.22,1971	250'W of 7N on c/l 88E
	"	58	Y63163-2	R1500'	"	"	"
	"	59	Y63164-1	L1500'	"	"	"
	"	60	Y63165-1	R1500'	"	"	"
34	"	59	Y63164-2	L1500'	"	"	15'E of (20+50)N on c/l 88E
	"	60	Y63165-2	R1500'	"	"	"
	"	61	Y63166-1	L1500'	"	"	"
	"	62	Y63167-1	R1500'	"	"	"
35	"	61	Y63166-2	L1500'	"	"	150'E of 34N on c/l 88E
	"	62	Y63167-2	R1500'	"	"	"
	"	63	Y63168-1	L1500'	"	"	"
	"	64	Y63169-1	R1500'	"	"	"
36	"	63	Y63168-2	L1500'	"	"	175'E of (46+75)N on c/l 88E
	"	64	Y63169-2	R1500'	"	"	"
	"	65	Y63170-1	L1500'	J. Buffington	"	"
	"	66	Y63171-1	R1500'	"	"	"
37	"	65	Y63170-2	L1500'	"	"	160'E of (62+50)N on c/l 88E
	"	66	Y63171-2	R1500'	"	"	"
	"	67	Y63172-1	R1500'	"	"	"
	"	68	Y63173-1	L1500'	"	"	"
38	"	67	Y63172-2	L1500'	"	"	50'W of (77+50)N on c/l 88E
	"	68	Y63173-2	R1500'	"	"	"
	"	69	Y63174-1	L1500'	"	"	"
	"	70	Y63175-1	R1500'	"	"	"
39	"	69	Y63174-2	L1500'	"	"	5'E of (90+80)N on c/l 88E
	"	70	Y63175-2	R1500'	"	"	"
	"	71	Y6317601	L1500'	"	"	"
	"	72	No tag	R1500'	"	"	"
40	"	71	Y63176-2	L1500'	"	"	150'E of 104N on c/l 88E
	"	72	Y63177-2	R1500'	"	"	"
41	"	73	Y63178-1	L1500'	V. Kearney	"	400'E of 18S on c/l 56E
	"	74	Y63179-1	R1500'	"	"	"
42	"	73	Y63178-2	L1500'	"	"	260'E of (3+50)S on c/l 56E
	"	74	Y63179-2	R1500'	"	"	"
	"	75	Y63180-1	L1500'	"	"	"
	"	76	Y63187-1	R1500'	"	"	"
43	"	75	Y63180-2	L1500'	"	"	275'E of (9+50)S on c/l 56E
	"	76	Y63181-2	R1500'	"	"	"
	"	77	Y63182-1	L1500'	"	"	"
	"	78	Y63183-1	R1500'	"	"	"

44	Bir	77	Y63182-2	L1500'	V.Kearney	Sept.22,1971	260'E of 23N on c/l 56E
	"	78	Y63183-2	R1500'	"	"	"
	"	79	Y63184-1	L1500'	"	"	"
	"	80	Y63185-1	R1500'	"	"	"
45	"	79	Y63184-2	L1500'	"	"	600'W of (37+50)N on c/l 64E
	"	80	Y63185-2	R1500'	"	"	"
	"	81	Y63186-1	L1500'	L.Knott	"	"
	"	82	Y63187-1	R1500'	"	"	"
46	"	81	Y63187-2	R1500'	"	"	600'W of (51)N on c/l 64E
	"	82	Y63187-2	R1500'	"	"	"
	"	83	Y63188-1	L1500'	"	"	"
	"	84	Y63189-1	R1500'	"	"	"
47	"	83	Y63188-2	L1500'	"	"	300'E of 61N on c/l 56E
	"	84	Y63189-2	R1500'	"	"	"
	"	85	Y63190-1	L1500'	"	"	"
	"	86	Y63191-1	R1500'	"	"	"
48	"	85	Y63190-2	L1500'	"	"	375'W of 75N on c/l 64E
	"	86	Y63191-2	R1500'	"	"	"
	"	87	Y63192-1	L1500'	"	"	"
	"	88	Y63193-1	R1500'	"	"	"
49	"	87	Y63192-2	L1500'	"	"	600'E of 90N on c/l 56E
	"	88	Y63193-2	R1500'	"	"	"
	"	89	Y63194-1	L1500'	G.W.B.W tson	"	"
	"	90	Y63195-1	R1500'	"	"	"
50	"	89	Y63194-2	L1500'	"	"	200'W of 103N on c/l 64E
	"	90	Y63195-2	R1500'	"	"	"
51	"	91	Y63196-1	L1500'	"	"	100'W of 15S on c/l 32E
	"	92	Y63197-1	R1500'	"	"	"
52	"	91	Y63196-2	L1500'	"	"	100'W of (1+50)S on c/l 32E
	"	92	Y63197-2	R1500'	"	"	"
	"	93	Y63198-1	L1500'	"	"	"
	"	94	Y63199-1	R1500'	"	"	"
53	"	93	Y63198-2	L1500'	"	"	100'W of (11+50)N on c/l 32E
	"	96	Y63199-2	R1500'	"	"	"
	"	95	Y63200-1	L1500'	"	"	"
	"	96	Y63201-1	R1500'	"	"	"
54	"	95	Y63200-2	L1500'	"	"	100'W of 25N on c/l 32E
	"	96	Y63201-2	R1500'	"	"	"
	"	97	Y63202-1	L1500'	Ray Fysh	"	"
	"	98	Y63203-1	R1500'	"	"	"

55	Bir 97	Y63202-2	L1500'	Ray Fysh	Sept. 22, 1971	100'W of (39+50)N on c/l 32E
	" 98	Y63203-2	R1500'	"	"	"
	" 99	Y63204-1	L1500'	"	"	"
	" 100	Y63205-1	R1500'	"	"	"
56	" 99	Y63204-2	L1500'	"	"	150'W of 52N on c/l 32E
	" 100	Y63205-2	L1500'	"	"	"
	" 101	Y63206-1	L1500'	"	"	"
	" 102	Y63207-1	R1500'	"	"	"
57	" 101	Y63206-2	L1500'	"	"	120'W of 65N on c/l 32E
	" 102	Y63207-2	R1500'	"	"	"
	" 103	Y63208-1	L1500'	"	"	"
	" 104	Y63209-1	R1500'	"	"	"
58	" 103	Y63208-2	L1500'	"	"	at (77+50)N on c/l 32E
	" 104	Y63209-2	R1500'	"	"	"
	" 105	Y63210-1	L1500'	L.G.Allinger	"	"
	" 106	Y63211-1	R1500'	"	"	"
59	" 105	Y63210-2	L1500'	"	"	100'E of (90+50)N on c/l 32E
	" 106	Y63211-2	R1500'	"	"	"
	" 107	Y63212-1	L1500'	"	"	"
	" 108	Y63213-1	R1500'	"	"	"
60	" 107	Y63212-2	L1500'	"	"	50'E of 105N on c/l 32E
	" 108	Y63213-2	R1500'	"	"	"
61	" 109	Y63214-1	L1500'	"	"	at (14+50)S on c/l 00
	" 110	Y63215-1	R1500'	"	"	"
62	" 109	Y63214-2	L1500'	"	"	at 00 on c/l 00
	" 110	Y63215-2	R1500'	"	"	"
	" 111	Y63216-1	L1500'	"	"	"
	" 112	Y63217-1	R1500'	"	"	"
63	" 111	Y63216-2	L1500'	"	"	30'E of (14+50)N on c/l 00
	" 112	Y63217-2	R1500'	"	"	"
	" 113	Y63218-1	L1500'	F.H.Huybers	"	"
	" 114	Y63219-1	R1500'	"	"	"
64	" 113	Y63218-2	L1500'	"	"	400'E of 34N on c/l 00
	" 114	Y63219-2	R1500'	"	"	"
	" 115	Y63220-1	L1500'	"	"	"
	" 116	Y63221-1	R1500'	"	"	"
65	" 115	Y63220-2	L1500'	"	"	350'E of (41+50)N on c/l 00
	" 116	Y63221-2	R1500'	"	"	"
	" 117	Y63222-1	L1500'	"	"	"
	" 118	Y63223-1	R1500'	"	"	"

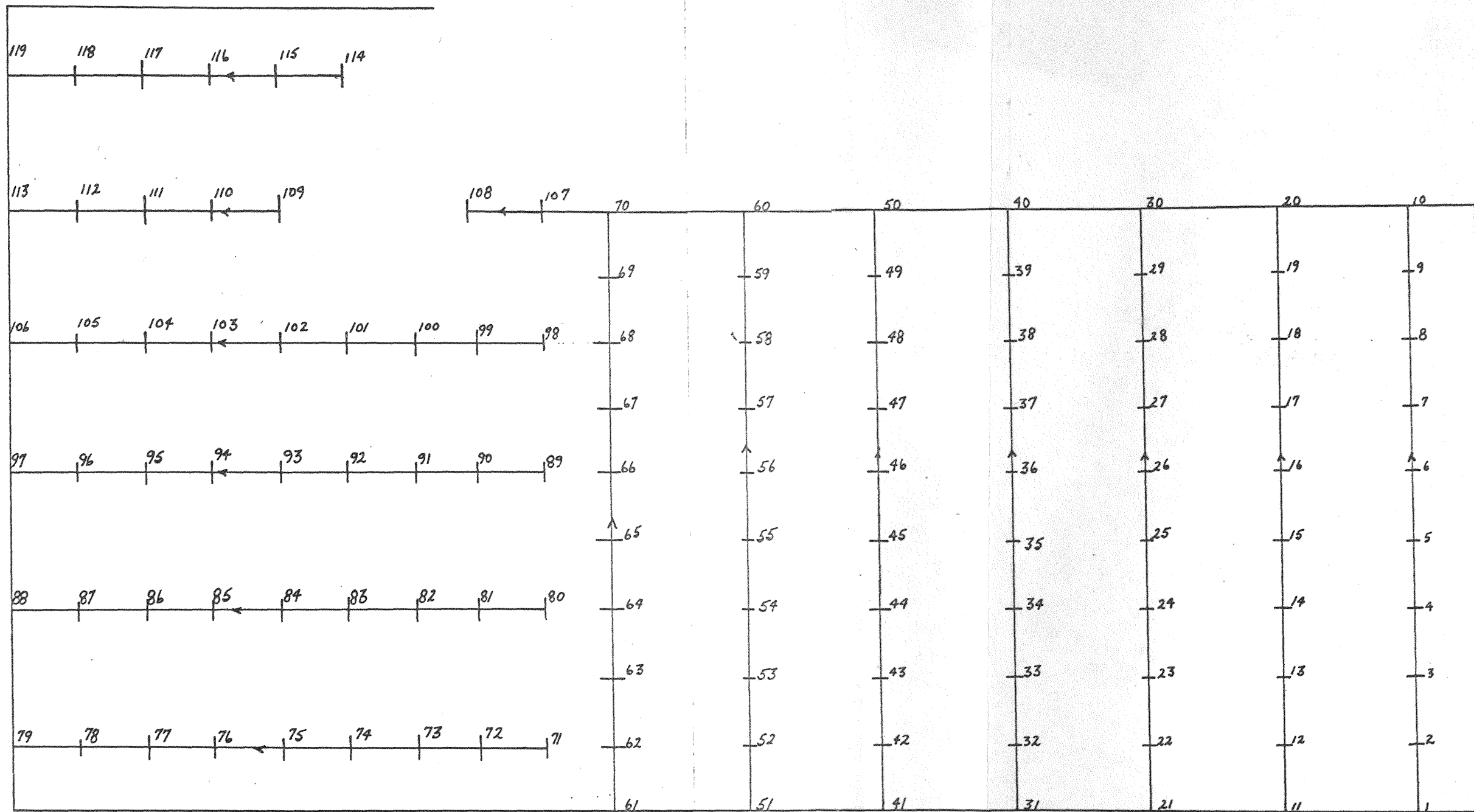
66	Bir	117	Y63222-2	L1500'	F.H.Huybers	Sept.22,1971	450'W of 52N on c/l 8E
	"	118	Y63223-2	R1500'	"	"	"
	"	119	Y63224-1	L1500'	"	"	"
	"	120	Y63225-1	R1500'	"	"	"
67	"	119	Y63224-2	L1500'	"	"	400'E of (67+50)N on c/l 00
	"	120	Y63225-2	R1500'	"	"	"
	"	121	Y63226-1	L1500'	D.Duensing	"	"
	"	122	Y63227-1	R1500'	"	"	"
68	"	121	Y63226-2	L1500'	"	"	400'E of 80N on c/l 00
	"	122	Y63227-2	R1500'	"	"	"
	"	123	Y63228-1	L1500'	"	"	"
	"	124	Y63229-1	R1500'	"	"	"
69	"	123	Y63228-2	L1500'	"	"	300'E of 90N on c/l 00
	"	124	Y63229-2	R1500'	"	"	"
	"	125	Y63230-1	L1500'	"	"	"
	"	126	Y63231-1	R1500'	"	"	"
70	"	125	Y63230-2	L1500'	"	"	500'W of 106N on c/l 8E
	"	126	Y63231-2	R1500'	"	"	"
71	"	127	Y63232-1	L1500'	"	Sept.23,1971	40'E of (0+50)S on c/l 16W
	"	128	Y63233-1	R1500'	"	"	"
72	"	127	Y63232-2	L1500'	"	"	100'S of (29+50)W on B/L 00
	"	128	Y63233-2	R1500'	"	"	"
	"	129	Y63306-1	L1500'	L.McCowan	"	"
	"	130	Y63307-1	R1500'	"	"	"
73	"	129	Y63306-2	L1500'	"	"	40'S of (43+70)W on B/L 00
	"	130	Y63307-2	R1500'	"	"	"
	"	131	Y63308-1	L1500'	"	"	"
	"	132	Y63309-1	R1500'	"	"	"
74	"	131	Y63308-2	L1500'	"	"	at (157+70)W on B/L 00
	"	132	Y63309-2	R1500'	"	"	"
	"	133	Y63310-1	L1500'	"	"	"
	"	134	Y63311-1	R1500'	"	"	"
75	"	133	Y63310-2	L1500'	"	"	40'N of (71+75)W on B/L 00
	"	134	Y63311-2	R1500'	"	"	"
	"	135	Y63312-1	L1500'	"	"	"
	"	136	Y63313-1	R1500'	"	"	"
76	"	135	Y63312-2	L1500'	"	"	500'S of (84W) on 8N c/l
	"	136	Y63313-2	R1500'	"	"	"
	"	137	Y63314-1	L1500'	W.Beaslin	"	"
	"	138	Y63315-1	R1500'	"	"	"

77	Bir	137	Y63314-2	L1500'	W.Beaslin	Sept.23,1971	400'N of (97+50)W on B/L 00
	"	138	Y63315-2	R1500'	"	"	"
	"	139	Y63316-1	L1500'	"	"	"
	"	140	Y63317-1	R1500'	"	"	"
78	"	139	Y63316-2	L1500'	"	"	220'N of 110W on B/L 00
	"	140	Y63317-2	R1500'	"	"	"
	"	141	Y63318-1	L1500'	"	"	"
	"	142	Y63319-1	R1500'	"	"	"
79	"	141	Y63318-2	L1500'	"	"	400'S of (121+50)W on c/l 8N
	"	142	Y63319-2	R1500'	"	"	"
80	"	143	Y63320-1	L1500'	"	"	250'E of 24N on c/l 24W
	"	144	Y63321-1	R1500'	"	"	"
81	"	143	Y63320-2	L1500'	"	"	300'E of 24N on d/l 32W
	"	144	Y63321-2	R1500'	"	"	"
	"	145	Y63322-1	L1500'	D.Johnson	"	"
	"	146	Y63323-1	R1500'	"	"	"
82	"	145	Yy3322-2	L1500'	"	"	50'S of (42+50)W on c/l 24N
	"	146	Y63323-2	R1500'	"	"	"
	"	147	Y63324-1	L1500'	"	"	"
	"	148	Y63325-1	R1500'	"	"	"
83	"	147	Y63324-2	L1500'	"	"	50'S of 55W on c/l 24N
	"	148	Y63325-2	R1500'	"	"	"
	"	149	Y63326-1	L1500'	"	"	"
	"	150	Y63327-1	R1500'	"	"	"
84	"	149	Y63326-2	L1500'	"	"	90'S of (70+50)W on c/l 24N
	"	150	Y63327-2	R1500'	"	"	"
	"	151	Y63328-1	L1500'	"	"	"
	"	152	Y63329-1	R1500'	"	"	"
85	"	151	Y63328-2	L1500'	"	"	140'S of 81W on c/l 24N
	"	152	Y63329-2	R1500'	"	"	"
	"	153	Y63330-1	L1500'	G.Couture	"	"
	"	154	Y63331-1	R1500'	"	"	"
86	"	153	Y63300-2	L1500'	"	"	240'S of 95W on c/l 24N
	"	154	Y63331-2	R1500'	"	"	"
	"	155	Y63332-1	L1500'	"	"	"
	"	156	Y63333-1	R1500'	"	"	"
87	"	155	Y63332-2	L1500'	"	"	350'S of 106W on c/l 24N
	"	156	Y63333-2	R1500'	"	"	"
	"	157	Y63334-1	L1500'	"	"	"
	"	158	Y63335-1	R1500'	"	"	"
88	"	157	Y63334-2	L1500'	"	"	550'S of (122+50)W on c/l 24N
	"	158	Y63335-2	R1500'	"	"	"

89	Bir	159	Y63336-1	L1500'	G.Couture	Sept.23, 1971	300'E of 50N on c/l 16W
	"	160	Y63337-1	R1500'	"	"	"
90	"	159	Y63336-2	L1500'	"	"	500'E of (51+50)N on B/L 32W
	"	160	Y63337-2	R1500'	"	"	"
	"	161	Y63338-1	L1500'	J.Couture	"	"
	"	162	Y63339-1	R1500'	"	"	"
91	"	161	Y63338-2	L1500'	"	"	300'N of (38+50)N on c/l 48N
	"	162	Y63339-2	R1500'	"	"	"
	"	163	Y63340-1	L1500'	"	"	"
	"	164	Y63341-1	R1500'	"	"	"
92	"	163	Y63340-2	L1500'	"	"	290'S of (51+50)W on c/l 56N
	"	164	Y63341-2	R1500'	"	"	"
	"	165	Y63342-1	L1500'	"	"	"
	"	166	Y63343-1	R1500'	"	"	"
93	"	165	Y63342-2	L1500'	"	"	250'S of 64W on c/l 56N
	"	166	Y63343-2	R1500'	"	"	"
	"	167	Y63344-1	L1500'	"	"	"
	"	168	Y63345-1	R1500'	"	"	"
94	"	167	Y63344-2	L1500'	"	"	250'S of (77+50)W on c/l 56N
	"	168	Y63345-2	R1500'	"	"	"
	"	169	Y63346-1	L1500'	M.Rogers	"	"
	"	170	Y63347-1	R1500'	"	"	"
95	"	169	Y63346-2	L1500'	"	"	300'N of 90W on c/l 48N
	"	170	Y63347-2	R1500'	"	"	"
	"	171	Y63348-1	L1500'	"	"	"
	"	172	Y63349-1	R1500'	"	"	"
96	"	171	Y63348-2	L1500'	"	"	220'S of 102W on c/l 56N
	"	172	Y63349-2	R1500'	"	"	"
	"	173	Y63350-1	L1500'	"	"	"
	"	174	Y63351-1	R1500'	"	"	"
97	"	173	Y63350-2	L1500'	"	"	550'S of 115W on c/l 56N
	"	174	Y63351-2	R1500'	"	"	"
98	"	175	Y63352-1	L1500'	"	"	300'E of 71N on c/l 16W
	"	176	Y63353-1	R1500'	"	"	"
99	"	175	Y63352-2	L1500'	"	"	500'E of (79+50)N on B/L 32W
	"	176	Y63353-2	R1500'	"	"	"
100	"	177	Y63354-1	L1500'	G.Chambers	"	"
	"	178	No tag	R1500'	"	"	"

100	Bir	177	Y63354-2	L1500'	G.Chambers	Sept.23,1971	300'N of (40+50)W on c/l 72N
	"	178	no tag	R1500'	"	"	"
	"	179	Y63355-1	L1500'	"	"	"
	"	180	Y63356-1	R1500'	"	"	"
101	"	179	Y63355-2	L1500'	"	"	270'N of 53W on c/l 72N
	"	180	Y63356-2	R1500'	"	"	"
	"	181	Y63357-1	L1500'	"	"	"
	"	182	Y63358-1	R1500'	"	"	"
102	"	181	Y63357-2	L1500'	"	"	250'N of 70W on c/l 72N
	"	182	Y63358-2	R1500'	"	"	"
	"	183	Y63359-1	L1500'	"	"	"
	"	184	Y63360-1	R1500'	"	"	"
103	"	183	Y63359-2	L1500'	"	"	250'N of (83+60)W on c/l 72N
	"	184	Y63360-2	R1500'	"	"	"
	"	185	Y63361-1	L1500'	B.Allinger	"	"
	"	186	Y63362-1	R1500'	"	"	"
104	"	185	Y63361-2	L1500'	"	"	200'N of (97+50)W on c/l 72N
	"	186	Y63362-2	R1500'	"	"	"
	"	187	Y63363-1	L1500'	"	"	"
	"	188	Y63364-1	R1500'	"	"	"
105	"	187	Y63363-2	L1500'	"	"	300'N of (1-1+70)W on c/l 72N
	"	188	Y63364-2	R1500'	"	"	"
	"	189	Y63365-1	L1500'	"	"	"
	"	190	Y63366-1	R1500'	"	"	"
106	"	189	Y63365-2	L1500'	"	"	450'S of 126W on c/l 80N
	"	190	Y63366-2	R1500'	"	"	"
107	"	191	Y63367-1	L1500'	"	"	300'W of (109+50)N on c/l 8W
	"	192	Y63368-1	R1500'	"	"	"
108	"	191	Y63367-2	L1500'	"	"	125'E of (111+50)N on c/l 24W
	"	192	Y63368-2	R1500'	"	"	"
109	"	195	Y63369-1	L1500'	J.Garriot	"	40'S of 73W on c/l 104N
	"	196	Y63370-1	R1500'	"	"	"
110	"	195	Y63369-2	L1500'	"	"	50'S of 89W on c/l 104N
	"	196	Y63370-2	R1500'	"	"	"
	"	197	Y63371-1	L1500'	"	"	"
	"	198	Y63372-1	R1500'	"	"	"
111	"	197	Y63371-2	L1500'	"	"	100'S of (101+50)W on c/l 104N
	"	198	Y63372-2	R1500'	"	"	"
	"	199	Y63373-1	L1500'	"	"	"
	"	200	Y63374-1	R1500'	"	"	"

112	Bir	199	Y63373-2	L1500'	J.Garriot	Sept.23,1971	135'S of 115W on c/1 104N
	"	200	Y63374-2	R1500'	"	"	"
	"	201	Y63375-1	L1500'	"	"	"
	"	202	Y63376-1	R1500'	E.Ardent	"	"
113	"	201	Y63375-2	L1500'	J.Garriot	"	200'S of 127W on c/1 104N
	"	202	Y63376-2	R1500'	E.Ardent	"	"
114	"	203	Y63377-1	L1500'	"	"	at (50+90)W on c/1 128N
	"	204	Y63378-1	R1500'	"	"	"
115	"	203	Y63377-2	L1500'	"	"	50'N of 70W on c/1 128N
	"	204	Y63378-2	R1500'	"	"	"
	"	205	Y63379-1	L1500'	"	"	"
	"	206	Y63380-1	R1500'	"	"	"
116	"	205	Y63379-2	L1500'	"	"	20'N of (84+70)W on c/1 128N
	"	206	Y63380-2	R1500'	"	"	"
	"	207	Y63381-1	L1500'	"	"	"
	"	208	Y63382-1	R1500'	"	"	"
117	"	207	Y63381-2	L1500'	"	"	700'S of (98+50)W on c/1 136N
	"	208	Y63382-2	R1500'	"	"	"
	"	209	Y63384-1	L1500'	F.Bee	"	"
	"	210	Y63383-1	R1500'	"	"	"
118	"	209	Y63384-2	L1500'	"	"	600'S of (113+50)W on c/1 136N
	"	210	Y63383-2	R1500'	"	"	"
	"	211	Y63385-1	L1500'	"	"	"
	"	212	Y63386-1	R1500'	"	"	"
119	"	211	Y63385-2	L1500'	"	"	650'S of 129W on c/1 136N
	"	212	Y63386-2	R1500'	"	"	"



Claim Post Index Map
Scale 1" - 1/2 mile

APPENDIX II
LINECUTTING DATA

Linecutters moved onto Bir Group on June 21st and 22nd, 1972. The crew consisted of

Lawrence Bill	June 23 to July 21
Joe Edzel	June 23 to July 28th
Jack Williams	June 23 to July 28th
Randy Nicholson	June 23 to July 28th
Graham Baird	June 23 to July 28th
Dan Johnson	July 10 to July 28th
Keith Johnson	July 10 to July 28th
Scott Williams	June 23 to July 11th
Eric Milledge	July 10 to July 19th
	July 23 to July 28th
*Bill Culver	June 23 to July 28th

*Cook

Crossline Footage Cut

<u>Cross line</u>	<u>Footage</u>
24W	13,500
16W	13,500
8W	13,500
00	13,500
8E	13,500
16E	"
24E	"
32E	"
40E	"
48E	11,900
56E	12,500
64E	11,900
72E	13,100
80E	"
88E	"
96E	"
104E	12,100
112E	"
120E	"
128E	"
136E	13,300
144E	"
152E	13,500
160E	12,400
168E	"
176E	"
184E	"

<u>Crossline</u>	<u>Footage</u>
16S	10,300
8S	"
8N	"
16N	"
24N	"
32N	"
40N	"
48N	10,600
56N	"
64N	"
72N	"
80N	7,300
88N	7,300
96N	5,800
104N	5,000
112N	5,800
120N	"
128N	"
136N	"
144N	"

Total Footage = 517,200

Baseline Footage

00 B/L	31,900
69 B/L	21,600
110 B/L	<u>16,000</u>
	<u>69,500</u>

Total Footage Cut = 517,200 (Crossline footage)
 +69,500 (Baseline ")
 586,700 or 111.12 line miles

Total No. man days = +246 (excluding main camp cook)
 - 7 moving fly camp
 - 7 for helicopter departure
 - 5 for man cooking in fly camp
 227 active days

Progress/man/day = 2,600'

- 69 -

APPENDIX III

ROCK DESCRIPTIONS
AND
GEOCHEMICAL ANALYSES

Sample No.	Name	Location	Description	Values in ppm		
				Cu	Zn	Mo
BW 15	NRA(6c)	1+50N,21W	miraolitic	3	66	3
BW 16	Mafic Dyke (4A)	1+75N,18W	minor carbonate veinlets	25	75	5
BW 17	NRA(6b)	00N,16W	MoS ₂ grain found in miraolitic cavity	4	62	2
BW 21	NRA(6b)	00N,4E	bitte spots	10	91	4
BW 23	NRA(6b)	00N,12E	minor quartz stringers, miraolitic bitte/chl spots, 1% po	18	24	4
BW 24	NRA(6b)	00N,18E	sf.23	6	29	2
BW 26	NRA(6b)	00N,28E	sf.23	11	68	3
BW 27	NRA(6c)	77N,10W	f.qtz.stringers, bitte/chl spots	6	80	3
BW 29	YG(9a)	80N,13W	saccroidal	67	72	4
BW31	NRA(6c)	81N,15W	cs.qtz.vugs,v.cs grained	6	12	1
BW 36	NRA(6b)	144N,32W	leucocratic, well gractured	17	8	3
BW 37	Breccia pipe (2a)	138N,44W	visible po in fractures	32	48	15
BW 39	NRA(6c)	52N,66W	many qtz veinlets	5	57	1
BW 40	Breccia pipe(2a)	48N,70W	fragments NRA& YG in powdered NRA matrix	5	90	9
BW 41	NRA(6b)	51N,64+50W	cut by 1" qtz vein, minor MoS ₂ , minor alteration at vein margins also dry fractures	3	43	2
BW 46	PFP	70N,21+50E	quartz-eyes	16	32	5
BW 50	NRA(6c)	69N,7W	miraolitic,bitte/chl. (a) vugs, also cs bitte	5	39	3
BW 52	YG (9a)	69N,16+50E	quite schistose, high mafic, saccroidal	34	53	5
BW 51	NRA(6c)	69N,12E	minor chl,miraolitic	3	71	2
BW 53	YG(9a)	69N,33E	fractured	41	298	2
BW 54	Mafic dyke (4a)	69N,24+50E	minor f.g. sulfides	149	340	5
BW 54A	NRA(6b)	92N,24E	minor fractured	25	58	2
BW 55	YG(9b)	102N,24E	schistose,musc/bitte, garnet porphyroblasts	37	56	2
BW 58	YG(9a)	96+50N,24E	low mafic	29	55	3
BW 60	YG(9a)	70N,16E	high mafic, rusty stain, 2-3% Po	310	102	3
BW 61	NRA(6c)	37N,8E	fine fractures cs qtz. eyes	10	84	3

BW 63	NRA(6b)	35N,00E	well fractured (qtz filled), 1-2% Po/py(a) bitte spots and fractures, rusty stain	71	<u>1000</u>	3
BW 65	NRA(6b)	45N,00E		6	75	4
BW 66	NRA(6c)	65N,00E	cs bitte, + f.g. spots, rust stain, qtz eyes	5	62	1
BW 68	NRA(6c)	54N,16E	sf. BW66	2	29	ND
BW 67	NRA(6c)	60+50N,8E	sf. BW66	3	34	1
BW 70	Mafic	68N,17E	from fault zone talus, v.f. grained, 2-3% sulfides	660	200	4
BW 72	NRA(6b)	52N,24E	miraolitic f.g. bitte spots	8	76	2
GW 73	NRA(6c)	37N,24E		3	72	2
BW 74	NRA(6b)	23N,24E	f.g. bitte spots	31	96	2
BW 75	"	15N,24E	"	6	158	4
BW 76	"	22N,16E	fractured, thin qtz seams, Mn staining	22	30	2
BW 77	NRA(6b)	22N,16E	sf. BW 76	11	60	1
BW 79	N.A(6b)	35+50N,16E	f.g. bitte spots	7	43	1
BW 80	NRA(6b)	72+50N,8E		28	118	2
BW 82	YG(9a)	76+50N,8E	low mafic	93	62	1
BW 83	YG(9a)	79N,00E		<u>33</u>	42	1
BW 86	Breccia (2b)	87N,8e	angular qtzite fragments in f.g. NRA matrix	23	78	2
BW 86A	YG(9a)	85N,8E	modimafic, fractured	64	78	2
BW 88	YG(9a)	87N,00E	low mafic, fractured, no staining	65	<u>660</u>	2
BW 90	YG(9a)	100N,8E	high mafic, slightly schistose	29	68	1
BW 92	YG(9a)	120N,8E	low mafic	12	40	1
BW 95	YG(9a)	123N,16W	light grey, low mafic	220	<u>6400</u>	1
BW 98	NRA(6c)	99N,8W	low mafic content	4	104	2
BW 100	NRA(6b)	87N,8W	from rusted outcrop, 1-2% po (a) bitte spots & dissem.	62	124	7
BW 102	NRA(6b)	82N,16W	miraolitic	2	73	10
BW 105	NRA(6c)	28N,8W	kaelin on fsp, minor cs qtz + fsp	3	31	1
BW 107	NRA(6c)	44N,21W	from outcrop shows contact gr and qtzite	5	47	ND
BW 109	NoA(6c)	25N,24W	qtz stringers, spots f.g. bitte	10	28	4
BW 114	N.A(6c)	56N,32W	cs qtz eyes, f.g. bitte spots minor py	4	51	3

BW 116	NiA(6c)	49+50N 40E	cs qtz + fsp in finer matrix	4	51	2
BW 117	YG(9a)	86N,36E	from outcrop cut by mafic dyke mod.mafic	4	97	2
BW 118	YG(9a)	117N,32E	f.banded,mod.mafic	23	26	1
BW 123	YG(9a)	96E,32E	fractured,qtz veining,mod.mafic	34	90	2
BW 124	YG(9a)	64N,32E	banded qtzite, intruded minor qtz.	6	168	2
BW 126	N ^o A(6c)	21N,40E	cs qtz eyes, chl + bitte spots	4	43	2
BW 128	N ^o A(6b)	15S,40E	fractured with qtz stringers in 3 or 4 directions	2	52	2
BW 129	NRA(6c)	15S,32E	cs bitte	49	27	2
BW 130	N ^o A(6c)	14S,24E	cs bitte & qtz, kaol. on fsp.	22	45	2
BW 132	NRA(6b)	14S,16E	f.g.chl.spots kaol. on fsp.	12	29	2
BW 133	NRA(6b)	13S,8E	sf BW 132	4	29	1
BW 134	NRA(6c)	15S,00	kaol.on fsp., cs euh.bitte	6	35	1
BW 135	NRA(6b)	14N,8W	f.g.bitte spots	3	64	2
BW 137	"	15+75N,00W	chl.spots (rusty cores)	14	63	2
BW 138	"	17+75N,8E	f.g.bitte spots	3	65	3
BW 139	"	9+50N,16E	f.g.chl/bitte spots	32	131	3
BW 140	"	4N,24E	kaol.on fsp, f.g.chl in vugs	12	36	ND
BW 141	"	3N,32E	f.dissem.bitte	2	70	2
BW 147	NRA(6c)	116N,24W	limonite staining low mafic	7	65	2
BW 149	YG(9a)	120N,24W	saccroidal,po in mafic bands,banding	75	80	2
BW 150	NRA(6b)	20,40,3	minorly deformed limonite staining	20	40	3
BW 160	"	7N,13W	minor fracture + qtz + bitte/chl bitte spots + po outcrop,jointed	2	47	1
BW 161	"	8N,22+50W	N-S,bitte spots sf.BW 160	4	58	2
BW 163	"	10N,24W	fracture + bitte in 3 directions	20	<u>218</u>	4
BW 164	NRA(6c)	15S,8W	f.g.bitte patches + cs euhedral	4	47	1
BW 165	NRA(6c)	15S,16W		2	36	3
BW 166	"	15S,24W	sf. 165	16	29	ND
BW 167	"	15S,32W	minor limonite	3	63	1
BW 168	NRA(6b)	5N,5W	high limonite + Mn staining,qtz fracture (a) py	7	<u>750</u>	2

BW 170	YG(9a)	16S,74W	high mafic	49	117	1
BW 171	NRA(6d)	16S,72W	cs Qtz + feldsp,	8	61	1
BW 172	"	8S,71W	Qtz + chl fractures			
BW 172	YG(9a)	8S,79W	sf 171	6	97	<u>35</u>
			highly rusted	<u>975</u>	53	<u>4</u>
			qtzite, high mafic,			
			cp, py, po (3% total)			
BW 175	GD(7)	8S,80W		7	56	2
BW 176	YG(9a)	8S,96W	high mafic	16	20	1
			minor po/py			
			mod. schistose			
BW 179	"	16S,135W	low mafic,	14	19	1
			saccroidal			
BW 179A	NRA(6c)	16S,46W	miraolitic, cs	3	42	1
			grained			
BW 179c	"	8S,43W	sf 179A	2	47	1
BW 186	NRA(6b)	8N,84W	bitte spots,	24	78	1
			hblde needles			
BW 187	"	4N,84W	po/py @ bitte spots	89	45	6
BS 188	YG(9a)	00N,84W	mod.mafic,	59	32	2
			minor dissem. po/py			
BW 189	"	00N,97+50W	mod. mafic	31	54	2
BW 190	NRA(6d)	00N,70W	f.g.variety, chl	16	38	1
			seams			
BW 191	"	8N,71W	f.g.chl on fractures	3	37	1
			bitte blebs			
BW 193	NRA(9c)	00N,58W	miraolitic	2	30	2
			minor limonite,			
			bitte in cs clusters			
BW 194	"	8N,56W	sf 193	2	39	1
BW 195	"	00N,43W	cs bitte	2	33	1
BW 196	"	8N,40W	miraolitic, minor	2	24	1
			limonite, bitte			
			spots			
BW 197	NRA(6b)	5N,32W	sf.196	2	16	1
BW 198	NRA(6c)	16N,37W	Qtz veinlets +	4	35	1
			bitte/chl, Mn +			
			limonite staining			
BW 199	"	24N,40W	Qtz veins, bleached	2	52	2
			margins + chl, kaol.			
			on fsp.			
BW 200	"	24N,47+50W	miraolitic	1	38	2
			Mod. limonite			
BW 201	"	16N,50W	cs bitte	2	61	1
BW 202	NRA(6b)	24N,70W	vugs + chl/bitte	2	20	1
			Qtz veinlets + chl.			
BW 203	NRA(6c)	16N,62W	kaol.on fsp	1	41	4
			f.g. bitte spots			
			miraolitic			
BW 205	NRA(6d)	24N,78W	biotite-cs euhedral	44	50	<u>6</u>
			or fig.mass minor			
			fracturing			
BW 206	RD(5)	18N,85W	f.g.bitte + po	63	36	<u>22</u>
BW 207	NRA(6d)	24N,83W	dry fracturing	<u>21</u>	35	<u>4</u>
			minor limonite			

BW 208	YG(9a)	16N,90W	low mafic	12	40	5
BW 209	NRA(6d)	24N,100W	dry fractures, directions	16	50	1
BW 210	YG(9a)	16N,109+60W	minor fracture low mafic	24	23	1
BW 211	"	16N,119W	high mafic, poorly banded	4	64	2
BW 212	"	24N,122+50W	moderate mafic dry fractures, minor chl.	20	30	2
BW 213	"	32N,122W	low mafic	9	20	6
BW 214	"	40N,124W	poorly developed bitte spots	23	22	2
BW 215	"	40N,111W	sf 213	6	56	1
BW 216	NRA(6d)	32N,91+50W	sf 209	28	55	1
BW 217	"	32N,84W	"	16	41	4
BW 218	YG(9a)	40N,87W	mod. mafic, well banded	6	18	<u>49</u>
BW 220	YG(9a)	00N,110W	low mafic, massive, minor fracturing	12	34	1
BW 221	YG(9a)	8N,107W	poorly banded, mod. mafic	26	77	1
BW 219	YG(9a)	48N,84W	massive, minor f.g.dissem. po	21	56	2
BW 222	"	2N,121+50W	mod.banded mod. mafic	12	37	3
BW 223	"	48N,020W	thinly banded heavy limonite	16	12	2
BW 224	"	56N,115W	high mafic heavy limonite poorly banded	18	48	1
BW 226	"	56N,98W	low mafic, mod. limonite	24	42	2
BW 225	"	48N,103W	sf. 226	8	53	2
BW 227	"	64N,98W	low mafic, poorly banded	45	32	3
BW 228	NRA(6d)	32N,75+70W	well fractured thin qtz seams, minor sulphides (po), Mn staining	70	60	3
BW 229	YG(9a)	40N,74+25W	dry fractured, minor limonite on fractures, saccroidal	28	78	<u>620</u>
BW 230	NRA(6d)	40N,71W	minor fracturing	12	98	<u>21</u>
BW 231	NRA(6b)	32N,61W	mafic mod.	6	66	<u>3</u>
BW 232	NRA(6c)	32N,44W	cs bitte + small f.g. titte spots	4	37	3
BW 233	NRA(6c)	40N,40W		4	26	1
BW 234	NRA(6b)	56N,40W	minor f.fractures	2	24	2
BW 237	NRA(6b)	48N,55W	minor miraol.	2	35	1
BW 238	"	56N,58W	" "	4	38	1
BW 239	"	56N,71W	mod. miraol. cs, f.g. bitte spots	3	26	<u>10</u>

BW 240	NRA(6b)	48N,66W	minor qtz eyes minor fsp pheno's	13	50	1
BW 241	YG(9a)	56N,81W	low mafic	20	25	5
BW 242	"	74N,97+50W	irregul.banded	32	35	1
BW 243	"	64N,102+50W	low mafic, poorly fractured	28	65	1
BW 244	"	72N,112W	mod.limonite well banded, low mafic	38	52	9
BW 245	"	64N,122W	poorly banded, low mafic	16	66	1
BW 246	"	72N,126W	low mafic, limonite	15	21	1
BW 247	"	80N,126W	heavy limonite high mafic	36	208	4
BW 248	"	88N,126W	poorly banded mod. mafic	32	29	2
BW 249	YG(9a)	96N,126W	high mafic, heavy limonite	57	41	2
BW 250	"	96N,111W	2% po high mafic mod. limonite minor fractures	38	148	<u>48</u>
BW 251	"	88N,110W	mod.mafic mod. limonite	33	60	5
BW 253	"	80N,111W	mod.mafic fine qtz fractures	26	36	1
BW 255	"	88N,95W	mod.banding high mafic, mod. limonite	44	65	1
BW 256	"	80N,93W	mod. mafic poorly banded	23	96	2
BW 257	"	72N,83W	mod.mafic, well banded	39	29	1
BW 258	"	64N,82W	high mafic, siliceous lenses, cross-fracturing, heavy limonite	65	203	5
BW 260	NRA(6c)	72N,76W	f.g.granitic matrix, cs qtz & fsp	11	33	4
BW 261	"	64N,58W	sf BW 260	1	15	1
BW 262	"	72N,58W	sf BW 260	2	59	1
BW 265	QFP(1a)	79+50N, 72+50W	heavy limonite dry fractured	4	90	1
BW 266	YG(9a)	80N,83W	mod.mafic, fractured across bedding	21	24	3
BW 267	YG(9a)	104N,123W	mod.mafic, poorly banded	29	22	1
BW 268	"	102N,131W	3% dissem.po	130	48	2
BW 269	"	144N,127W	musc-bitte-schist	22	82	1
BW 270	QFP(1a)	144N,116W	fractured with bitte/chl	7	40	1
BW 271	YG(9a)	136N,98W	low mafic,poorly banded	10	60	1

BW 272	YG(9a)	144N,99W	low mafics,minor schistosity	6	52	1
BW 274	"	144N,80W	low mafic, finely banded.	6	58	2
BW 276	B(2a)	136N,40W	silica+powdered qtzite matrix, fragments of granite and qtzite	4	53	1
BW 285	NRA(6c)	22N,80E	prominent qtz eyes	1	95	2
BW 286	NRA(6b)	70E,24N	-thin qtz filled	45	260	9
BW 287	YG(9a)	70E,25N	irregul.banded, thin qtz veinlets Mo dusting in heavy mafic areas	35	<u>115</u>	<u>40</u>
BW 288	NRA(6b)	25N,64E	sf. 286	5	66	4
BW 289	"	21N,52E	"	2	49	2
BW 290	"	4N,56E	f.g.bitte,f.fracturing	2	37	1
BW 291	"	15S,56E	" " "	2	80	2
BW 292	"	14S,64E	sf. BW 291	3,	73	2
BW 293	NRA(6c)		low mafic	3,	69	4
BW 295	QFP(1a)	11N,72E	cs qtz+fsp±15% of rock	6	30	3
BW 296	YG(9a)	4N,69E	heavy limonite 2% oo,v.rusty, massive,high mafic	900	108	12
BW 297	QFP(1a)	3+50N,69E		17	118	2
BW 299	NRA(6b)	12S,75E	heavy limonite qtz fractures, often with Mo	4	59	29
BW 300	"	14S,76E	sf. BW 299	21	159	62
BW 301	"	21S,72E	minor limonite, minor vugs	11	212	3
BW 302	"	21S,80E	cut by fine qtz fractures,limonite mod.	11	98	11
BW 304	"	21S,88E	cs qtz grains, minor quartz fractures	3	61	2
BW 305	"	16S,78E	heavy limonite dissem.bitte, ±qtz fracturing ±Mo	3	61	2
BW 306	YG(9a)	10+50S,88E	conc.of sulphide in quartzite mod. banded, mod. mafic heavy limonite + minor Mo visible po,sph,coy	1230	<u>66000</u>	<u>31</u>
BW 307	NRA(6c)	2N,80E	mo staining,heavy kaol.of fsp	6	<u>400</u>	2
BW 311	YG(9a)	43+50N,63E	fine banded,minor deformed	<u>75</u>	<u>272</u>	2
BW 312	"	42+50N,56E	finely banded,mod. mafic	23	99	1

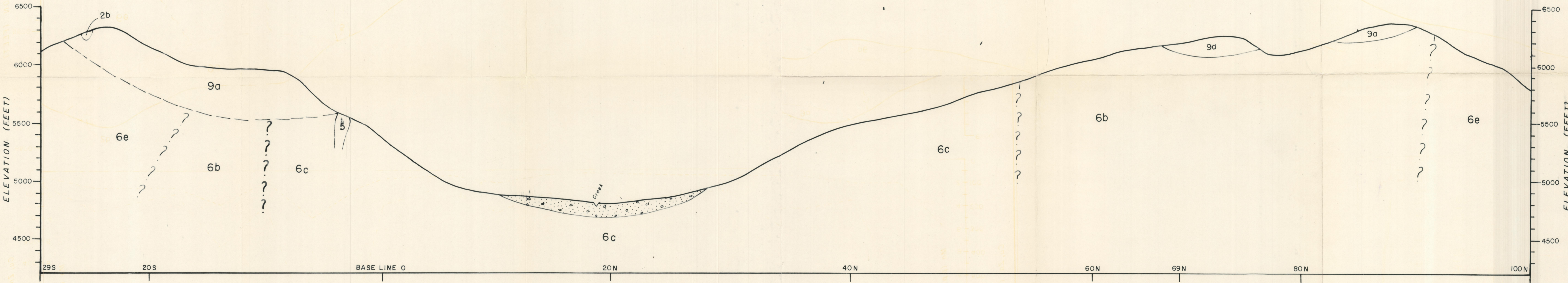
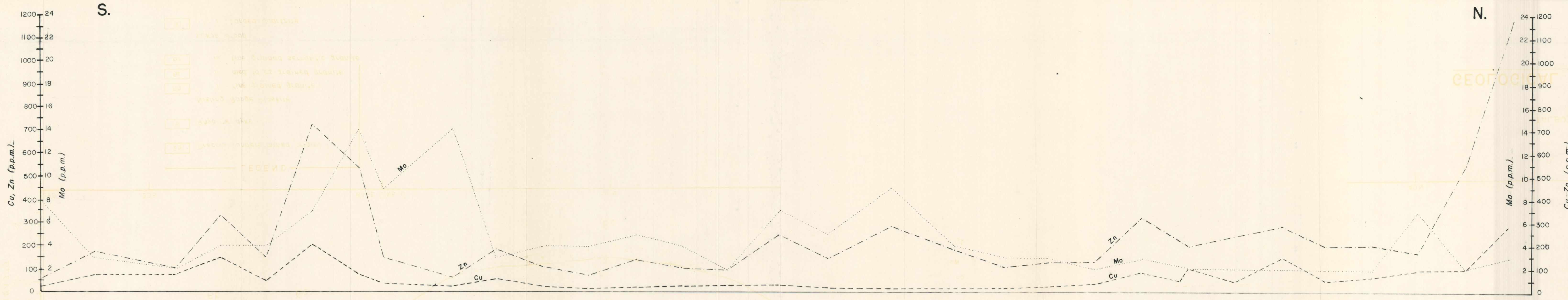
BW 313	D(3)	43+50N,56E	approx.5% fsp phenocrysts	16	90	1
BW 314	NRA(6b)	50+50N, 56+50E	15% dissem. f.g.bitte minor fractures	2	49	2
BW 315	"	57N,64E	low mafics(1-2%) kaol. of fsp	3	24	2
BW 316	"	36N,56E	sf BW 315	9	166	4
BW 317	YG(9a)	74N,48E	high mafics, finely banded	57	154	2
BW 318	YG(a)	73N,56E	fractured at rt.angles to bedding	79	242	1
BW 319	"	74N,64E		<u>150</u>	173	1
BW 320	NRA(6b)	68+100N,72E	mafics approx. 10%,f.g.bitte/chl	<u>8</u>	102	1
BW 321	NRA(6c)	52N,72E	fractured,minor chl/bitte spots	3	25	1
BW 319A	"	39N,72E	sf BW 321	2	54	2
BW 323	D(3)	66N,80E	cs diorite	17	151	5
BW 324	YG(9a)	75N,72E	poorly banded little staining	51	<u>710</u>	2
BW 325	"	89N,64E	mod.mafic, well banded	28	113,	2
BW 326	"	80N,72E	outcrop, sfBW 325	62	142	2
BW 327	GG (8b)	80N,74+50E	fractures† chl poor gneissosity			
BW 328	NRA(6c)	34N,80E		1	82	2
BW 329	NRA(6b)	103N,64#	low mafics 1 to 2%	6	36	2
BW 330	YG(9a)	110N,56E	low mafic	14	20	3
BW 331	"	103N,49E	strike 275° ^o ,dip 30° ^o W on jointing	44	70	1
BW 332	NRA(6c)	51N,80E	miraolitic	4	65	1
BW 333	NRA(6b)	90+50N,47E	outcrop mod. mafic qtzite	38	83	1
BW 334	FP(1b)	89N,54+50E	cs fsp grains in f.g. matrix	6	97	3
BW 355	NRA(6b)	60N,88E	mafics, 2-3%	2	104	3
BW 336	"(6c)	42N,88E	mafics 8%,cs.g. bitte	10	66	2
BW 337	"	29N,88E	sf BW 336	3	76	1
BW 338	"(6b)	93N,72E	SF BW 335	2	76	2
BW 339	"	64N,80E	sf BW 335	11	37	8
BW 340	NRA(6c)	3N,96E	mafics 5% cs bitte, minor fracturing	1	49	1
BW 341	"(6b)	11S,96E	low mafic	6	91	2
BW 342	Na A(6b)	13S,92E	heavy staining fractured	3	56	1
BW 344	NRA(6e)	22S,102E	sf BW 342, dry fractures. @ molybdenite	4	74	38
BW 345	YG(9a)	22S,104E	rusty stained high mafic qtzite	87	490	3

BW 346	YG(9a)	16S,104E	a highly rusted Qtzite, 2%po	400	142	4
BW 347	"	2+50S,104E	sf BW 346	93	36	4
BW 348	NRA(6c)	00N,102E	miarolitic bitte @ vugs	6	56	2
BW 350	"	30N,96E	mafics 10% cs & f grained dissem. bitte	4	64	2
BW 351	"	47N,96E	mafics approx. 5%	9	274	3
BW 352	"	65N,96E	sf BW 351, but mafics over 10%	8	106	2
BW 353	YG(9a)	81N,96E	low mafic, well banded	10	95	ND
BW 354	F(8a)	86+50N,96E	minor chl fractures 2-3% quartz-eyes	18	89	ND
BW 355	YG(9a)	78N,88E	chl. fractures	34	48	1
BW 357	NRA(6b)	90N,82E	mafics 1-2%	24	121	2
BW 358	"	96N,96E	mafics about 5%	17	81	2
BW 359	"	108+25N,96E	mafics under 5% chl fractures	7	182	2
BW 360	"	107N,88E	mafics approx. 1%	7	41	3
BW 361	"	101N,80E	mafics about 5% f.g. bitte, dissem. and as spots	4	76	4
BW 362	YG(9a)	88N,80E	minor limonite saccroidal	26	146	3
BW 363	"	76N,80E	poorly banded	<u>141</u>	128	2
BW 364	NRA(6b)	62N,104E		<u>7</u>	84	1
BW 365	"(6c)	28N,104E		2	81	9
BW 366	"	46N,104E		30	72	<u>2</u>
BW 368	"	3N,112E	dissem. cog bitte	2	89	2
BW 370	R(5)	2+60S,113E		63	174	6
BW 369	D(3)	2+50S,112E		2	122	2
BW 373	YG(9a)	6+50S,112E	1-2% dissem. po	52	<u>240</u>	1
BW 374	"	21S,112E	chl in fractures	38	<u>66</u>	1
BW 375	"	19S,120E		12	118	1
BW 376	YG(9a)	3+50S,120E	5-10% dissem. po, py	<u>133</u>	36	1
BW 378	NRA(6c)	3N,120E		2	74	1
BW 379	"	9N,120E		1	78	1
BW 380	NRA(6c)	30N,112E	cs dissem. bitte mafics greater than 5%	1	83	5
BW 381	"	44N,112E	sf BW 380	1	203	1
BW 382	YG(9a)	69N,116E	finely banded minor limonite	16	<u>315</u>	2
BW 384	YG(9d)	73N,112E	massive, f.g. skarn mod. limonite	17	<u>365</u>	2
BW 385	NRV(8b)	85N,104E	alignment of biotite & hblde, highly fractured with bitte		40	150
BW 390	MD(4b)	29+50N,112E	cs qtz eyes in the more common mafic dyke material	14	106	2
BW 391	NRA(6c)	32N,120E	low mafic	2	48	1
BW 392	"	44N,120E	low mafic	3	70	1

BW 393	NRA(6c)	58N,120E	low mafic	3	124	4
BW 394	"(6b)	77N,115E	qtz filled fractures	<u>148</u>	46	<u>26</u>
BW 395	"(6e)	94N,102E	mafics approx. 1% fg.bitte & magnetite, minor dry fracturing	22	57	8
BW 397	"(6e)	93N,112E	mafic <1%	10	64	1
BW 398	"(6c)	99N,120E	low mafic	19	185	2
BW 399	"(6c)	100N,128E	low mafic	4	84	2
BW 400	"(6b)	86N,120E	low mafic	10	42	1
BW 401	"(6b)	68N,128E	mafic about 10%	4	146	1
BW 402	NRA(6b)	55N,128E	low mafic	4	147	4
BW 403	"(6c)	28N,128E	miarolitic, cs bitte (10%)	4	62	2
BW 404	"(6c)	38N,128E	miarolitic, bitte (8%)	5	76	1
BW 405	"(6c)	8N,128E	mafics 5%	6	94	4
BW 406	"(6c)	2S,128E	mafics 5% bitte	4	83	2
BW 407	"(6b)	15S,128E	low mafics	16	20	2
BW 407A	YG(9a)	3+50S,128E	mafics over 50%, over 10% dissem. po	196	292	4
BW 408	"	19S,128E	sf 407A	175	94	4
BW 409	YG(9d)	21S,128E	skarn developed calcareous horizons	<u>860</u>	<u>650</u>	2
BW 410	"(9a)	15S,136E	over 5% visible fg.dissem.po	75	168	3
BW 411	NRA(6c)	3S,136E	low mafic	6	69	2
BW 412	"(6c)	6N,136E	miarolitic, mafic over 10%	3	66	2
BW 413	"(6c)	8N,152E	sf BW 412	1	175	2
BW 414	"(6b)	1N,152E	mafics over 10T	4	126	2
BW 415	YG(9a)	00,152E	qtzite with possible minor skarn development	15	47	1
BW 416	"(9a)	10S,152E	f.g.banded qtzite	37	168	6
BW 418	QFP(1a)	11S,154E		14	103	9
BW 419	YG(9a)	17S,152E	heavy rust stain	114	64	5
BW 420	NRA(6b)	23S,152E	low mafic	15	64	3
BW 421	"(6c)	21S,144E	sf BW 405	4	101	4
BW 422	"(6c)	26N,136E	high mafic, about 15%	6	73	7
BW 423	"(6c)	30N,144E	low mafics	3	28	1
BW 424	"(6b)	43N,144E	mafics about 10%	10	167	2
BW 425	"(6b)	41N,136E	f.g.dissem. bitte as chief mafic	3	74	2
BW 426	"(6b)	53N,136E	f.g.bitte as mafic (<5%)	3	69	2
BW 427	"(6b)	57N,144E	sf BS 426	2	104	2
BW 428	"(6b)	63N,136E	fg chl. (<5%)	8	29	2
BW 429	"(6b)	77N,128E	sf BW 428	10	29	2
BW 430	"(6c)	76N,135E	mafics about 8% as f.g.dissem.bitte	3	149	2
BW 431	"(6c)	85N,130E	minor limonite	12	64	2

BW 433	NRA(6c)	93+50N,136E	minor fracturing with bitte seams	<u>105</u>	<u>213</u>	1
BW 432	"(6b)	87N,128E	magnetite chief mafic	8	70	1
BW 435	"(6a)	101N,136E	cs qtz & fsp grains, low mafic	3	82	1
BW 436	"(6a)	105N,144E	"	10	21	1
BW 437	"(6a)	104N,151E	"	9	50	4
BW 439	"(6a)	90N,152E	"	4	123	1
BW 440	"(6c)	78N,147E	bitte & magnetite as mafics	4	67	1
BW 441	"(6c)	74N,152E	sf BW 440			
BW 442	"(6b)	48N,152E	f.g. bitte spots	4	106	1
BW 443	"(6c)	60N,152E	miarolitic	7	82	2
Bw 450	"(6c)	37N,100E	bitte & chl.as dissem.grains	16	114	<u>10</u>
BW 451	"(6c)	35N,168E	miarolitic	6	64	2
BW 452	"(6b)	51N,160E	miarolitic	4	50	2
BW 453	"(6b)	43N,168E	sf BW 452	8	46	2
BW 464	"(6b)	61N,160E	heavy limonite	7	171	1
BW 455	"(6b)	77N,168E	dissem. bitte forms 10% mafic content	2	82	2
BW 456	"9b)	61N,168E	mafics about %	18	126	2
BW 457	"(6b)	75N,160E	minor porphyritic content	5	116	2
BW 458	"(6a)	84N,160E	sf BW 435	3	100	2
BW 459	"(6a)	91N,168E	"	4	89	1
BW 461	"(6b)	91N,184E	minor porph. qtz and fsp grains	4	41	3
BW 462	"(6c)	77N,184E	mafics 10%	4	94	2
BW 463	"(6b)	76B,176E	miarolitic	4	27	2
BW 464	"(6b)	63N,176E	"	5	93	3
BW 465	"(6b)	50N,184E	bitte as dissem. co grains (10%)	7	88	2
BW 466	"(6b)	63N,184E	bitte as dissem.f grains (10%)	6	82	2
BW 467	"(6b)	47N,176E	miarolitic	4	62	2
BW 468	"(6c)	38N,176E	cs bitte grains (10%)	4	91	2
BW 469	NRA(6c)	37N,186E	f.g. dissem. bitte 10%	3	81	4
BW 471	"(6c)	7N,160E	possible chl altera- tion	2	67	2
BW 472	YG(9a)	2N,16-E	highly rusted qtzite with Pb, and Cu showings	<u>730</u>	<u>7300</u>	<u>92</u>
BW 473	YG(9d)	3+25S,162+ 50E	skarn develop- ment with visible spy in calcareous qtzite	<u>174</u>	<u>203</u>	<u>19</u>
BW 474	YG(9a)	16S,160E	dissem. po(5%) in heavily rusted qtaite	<u>104</u>	<u>375</u>	<u>22</u>
BW 476	D(3)	24S,160E	porphyritic phase	11	60	6
BW 477	YG(9a)	24S,168E	selected units highly calcareous	35	31	2
BW 478	D(3)	20S,168E	porphyritic, rusty phase	15	116	3

BW 479	YG(9a)	8S,168E	highly rusted,5%	25	<u>650</u>	2
BW 480	NRA(6b)	8S,171E	dissem.f.g.sulphides			
BW 481	"(6b)	3N,168E	f.g.chl.spots(10%)	8	118	1
			f.g.bitte spots &	15	82	2
			dissem.grains(10%)			
BW 482	"(6b)	3S,184E		14	54	2
BW 484	YG(9a)	13S,184E		50	87	2
BW 486	YG(9a)	22S,176E	poorly banded	<u>190</u>	85	2
			qtzite			
BW 487	YG(9d)	14S,176E	skarn,weathers	19	20	2
			to a ropy appearance			
BW 488	NRA(6b)	5S,175+50E	miarolitic	5	44	3
BW 489	"(6c)	15N,184E	cs euhed.bitte(15%)	14	83	3
BW 490	"	11N,176E	sf BW 489	2	85	2
BW 491	"	10N,168E	miarolitic	3	65	3



- LEGEND**
- 2b Breccia (undetermined origin)
 - 5 Rhyolite dyke
 - Nisling Range Alaskite*
 - 6b i fine grained granite
 - 6c ii med. to cs grained granite
 - 6e iii fine grained serratitic granite
 - Yukon Group*
 - 9a i banded quartzite

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BIR CLAIM GROUP
GEOLOGICAL & SOIL GEOCHEMICAL CROSS SECTION
 ALONG LINE 112 E

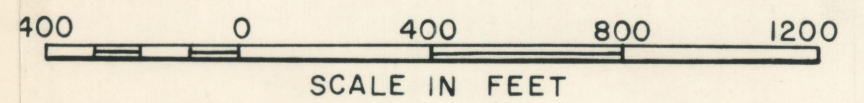


FIG. 2



TABLE OF FORMATIONS

Quartz-feldspar porphyry	1a
Feldspar porphyry	1b
Breccia (pipes)	2a
Breccia (undetermined origin)	2b
Diorite (cs. and porphyritic)	3
Mafic dykes	4a
Qtz porphyry dykes	4b
Rhyolite dykes	5
TERTIARY	
Nisling Range alkasite	6a
i. younger cs. grained granite	6b
ii. fine grained granite	6c
iii. med. to cs. grained granite	6d
iv. granite porphyry	6e
v. fine grained sericitic granite	6f
CRETACEOUS	
Nisling Range granodiorite	7
PALEOZOIC OR LATER	
Felsite	8a
Granite gneiss	8b
PRECAMBIAN OR LATER	
Yukon Group	9a
i. banded quartzite	9b
ii. garnet schist	9c
iii. marble	9d
iv. skarn	9e

SYMBOLS

- Geological contact ———
- Formation present in Talus (<50%) ———
- Fault ———
- Creek ———
- Mineralization site X
- Base and section lines ———
- Geochemical contours (p.p.m.)
- Copper ———
- Zinc ———
- Molybdenum ———
- Anomaly number ⑤

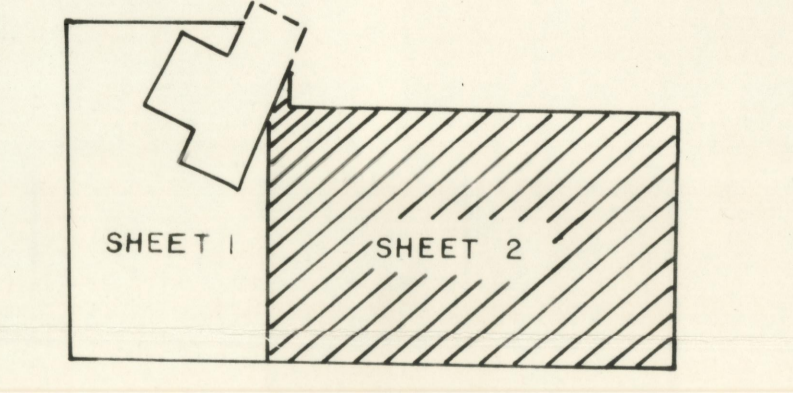
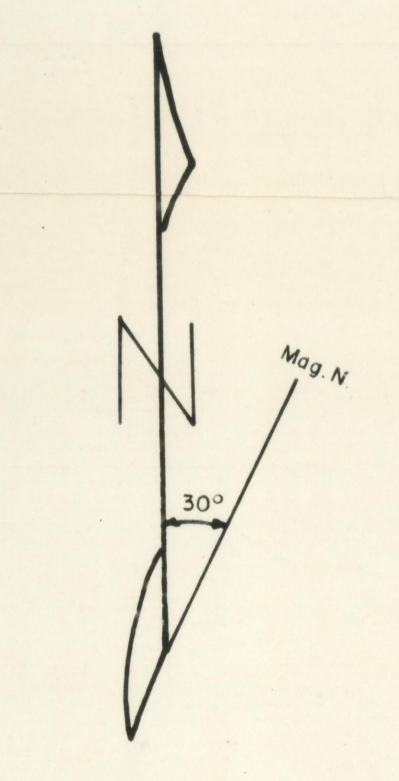


TABLE OF FORMATIONS

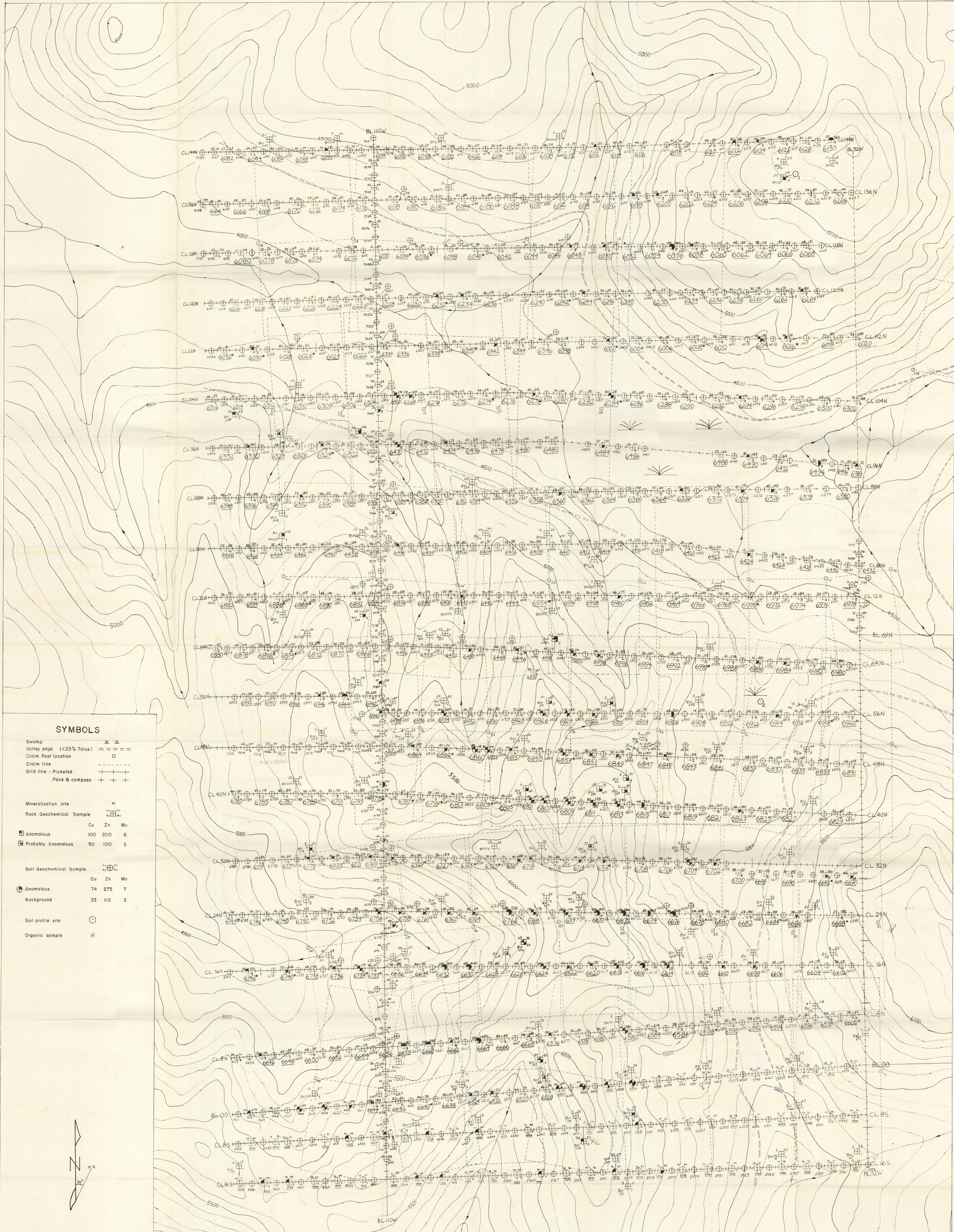
	Quartz-feldspar porphyry	1a
	Feldspar porphyry	1b
	Breccia (pipes)	2a
	Breccia (undetermined origin)	2b
	Diorite (cs and porphyritic)	3
	Mafic dykes	4a
	Qtz porphyry dykes	4b
	Rhyolite dykes	5
	Nisling Range alkoxide	
	i. vesicular cs grained granite	6a
	ii. fine grained granite	6b
	iii. med to cs grained granite	6c
	iv. granite porphyry	6d
	v. fine grained terratic granite	6e
	Nisling Range granodiorite	7
	Felsite	8a
	Granite gneiss	8b
	Yukon Group	
	i. banded quartzite	9a
	ii. garnet schist	9b
	iii. marble	9c
	iv. skarn	9d

SYMBOLS

Geological contact	---
Formation present in Talus (<50%)	2aT
Fault	~~~~~
Creek	~~~~~
Mineralization site	X
Base and section lines	CL, BL
Geochemical contours (p.p.m.)	
Copper	---
Zinc	---
Molybdenum	---
Anomaly number	⑩



Canadian Occidental Petroleum Ltd
 Talbot Creek Area N.T.S. 115-G-9 Yukon
CLAIMS BIR 1-212
 COMPILATION
GEOLOGY & GEOCHEMISTRY
 SHEET 2
 SCALE 400 0 400 800 FEET



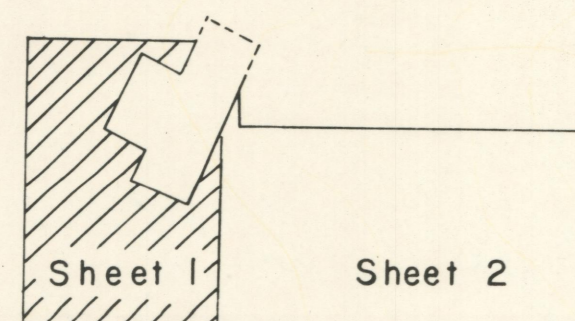
SYMBOLS

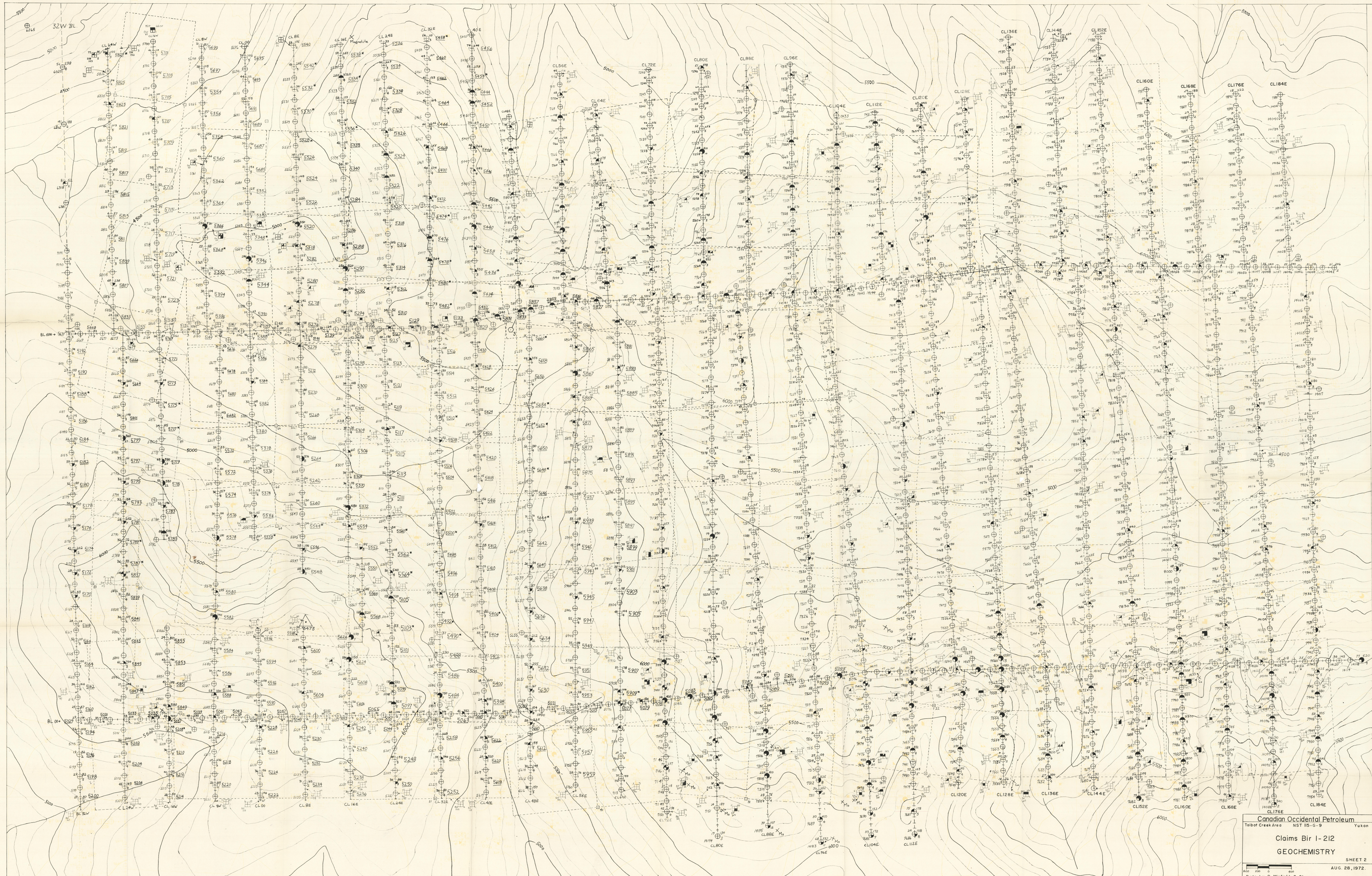
- Swamp
- Valley edge (<25% Talus)
- Claim Post location
- Claim line
- Grid line - Picketed
- Pace & compass

- Mineralization site
- Rock Geochemical Sample
- Anomalous 100 200 6
- Probably Anomalous 50 100 5

- Soil Geochemical Sample
- Anomalous 74 275 7
- Background 33 115 3

- Soil profile site
- Organic sample



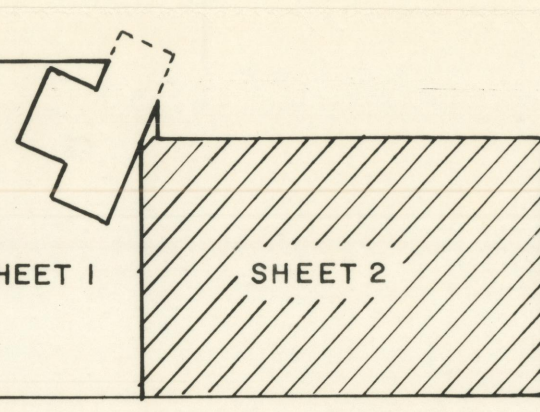
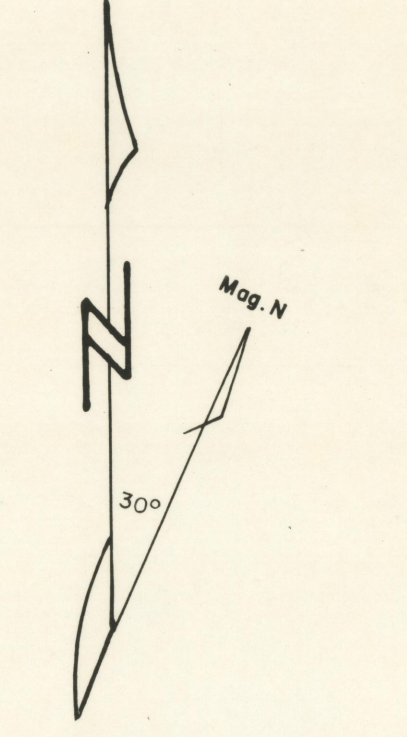


SYMBOLS

- Swamp
- Valley edge (<25% Talus)
- Claim post location
- Claim line
- Grid line Picketed
- Pace and compass
- Mineralization site
- Rock geochemical Sample
- Anomalous
- Probably anomalous
- Soil geochemical Sample
- Anomalous
- Background
- Soil profile site
- Organic sample

Rock geochemical Sample	Cu	Zn	Mo
Anomalous	100	200	6
Probably anomalous	50	100	5

Soil geochemical Sample	Cu	Zn	Mo
Anomalous	74	275	7
Background	33	115	3



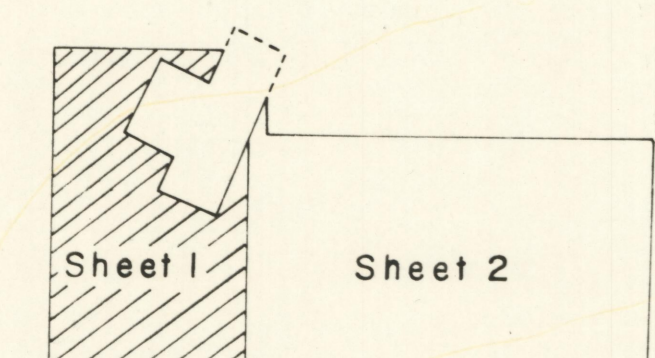
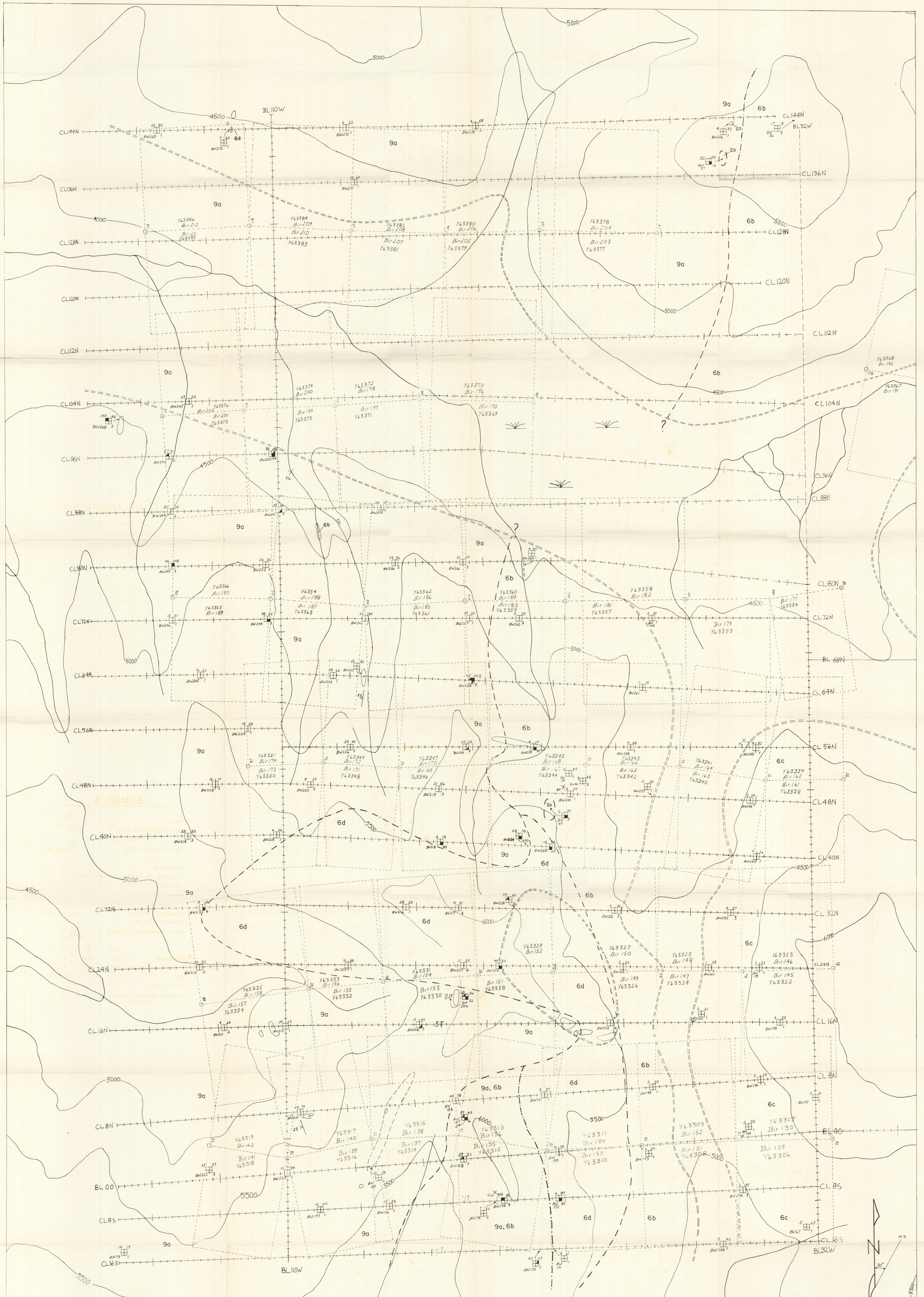
Canadian Occidental Petroleum
 Talbot Creek Area NST 115-G-9 Yukon
Claims Bir 1-212
GEOCHEMISTRY
 SHEET 2
 AUG 28, 1972
 Data by B. Winfield, C. Gleason

TABLE OF FORMATIONS

Quartz-feldspar porphyry	1a
Feldspar porphyry	1b
Breccia (pipes)	2a
Breccia (undetermined origin)	2b
Diorite (cs and porphyritic)	3
Mafic dykes	4a
Qtz porphyry dykes	4b
Rhyolite dykes	5
Nisling Range alkaliite	6a
i. younger cs. grained granite	6a
ii. fine grained granite	6b
iii. med. to cs. grained granite	6c
iv. granite porphyry	6d
v. fine grained sericitic granite	6e
Nisling Range granodiorite	7
Felsite	8a
Granite gneiss	8b
Yukon Group	9a
i. banded quartzite	9a
ii. garnet schist	9b
iii. marble	9c
iv. skarn	9d

SYMBOLS

Swamp	
Valley Edge (areas have < 25% talus)	
Claim Post Location	Ref. No.
Claim Line	
Grid Line, Picketed, Pace & Compass	
Outcrop	
Broken Outcrop	
Escarpment of Broken Outcrop	
Geological Contact	
Mineralization Site	
Rock Geochemical Sample	Cu, Zn, Mo No. 100, 200, 6
Anomalous	100, 200, 6
Probably Anomalous	50, 100, 5
Fault	
Strike & Dip	
Formation present in Talus (<50%)	10T



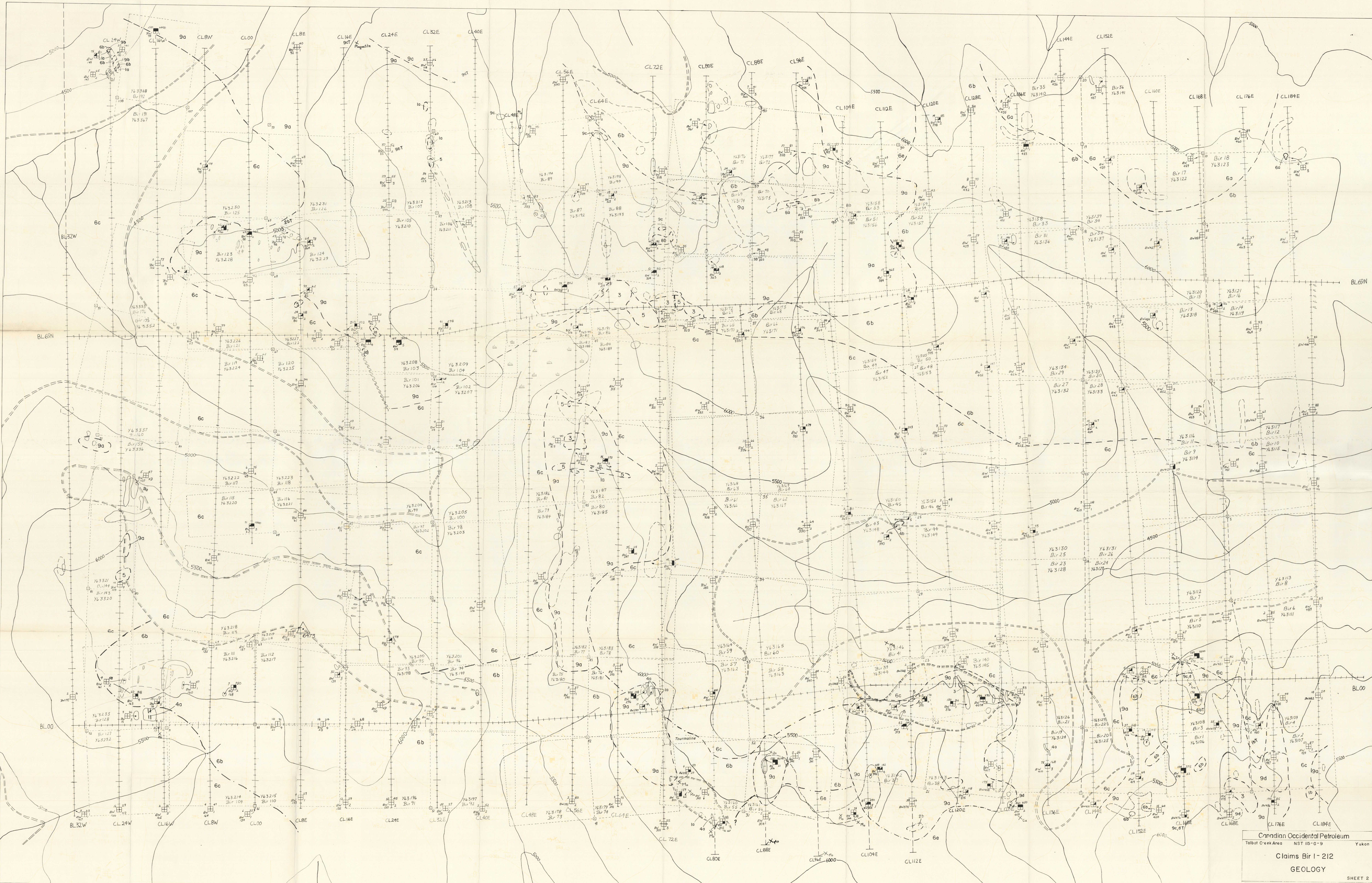
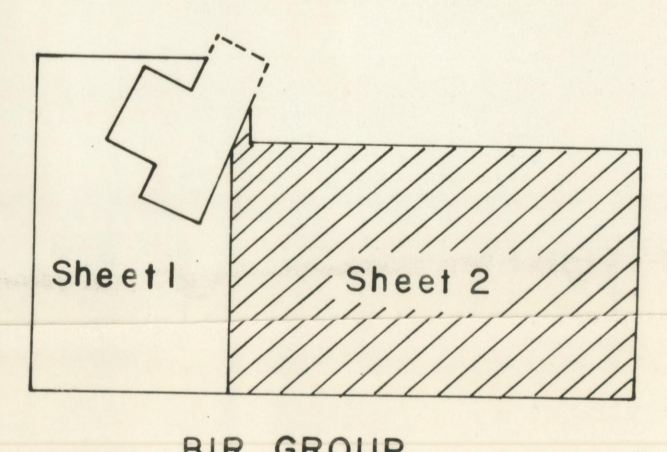
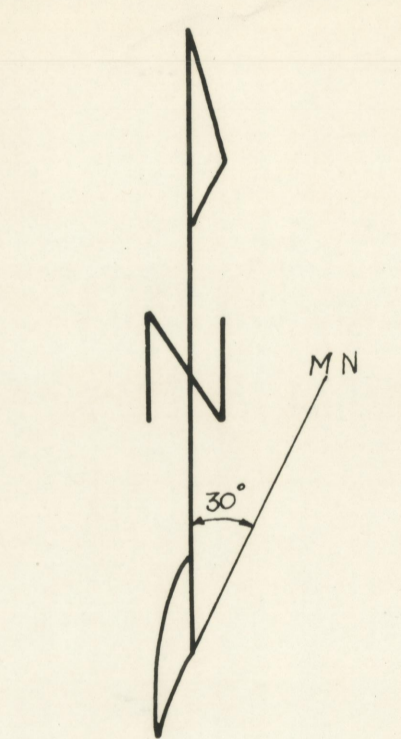


TABLE OF FORMATIONS

Quartz-feldspar porphyry	1a
Feldspar porphyry	1b
Breccia (pipes)	2a
Breccia (undetermined origin)	2b
Diorite (s and porphyritic)	3
Mafic dykes	4a
Ore porphyry dykes	4b
Rhyolite dykes	5
TERTIARY	
Nisling Range alkalic - younger to granodiorite - fine grained granite - med to co grained granite - granite porphyry - fine grained sericitic granite	6a 6b 6c 6d 6e
CRETACEOUS	7
Nisling Range granodiorite	7
PALEOZOIC	
Felsite	8a
Granite gneiss	8b
PRECAMBRIAN	
Yukon Group - banded quartzite - garnet schist - marble - skarn	9a 9b 9c 9d 9e

SYMBOLS

Swamp	
Valley edge (<25% talus)	
Claim post location	
Claim line	
Grid line - Pictorial	
Place and compass	
Outcrop	
Broken outcrop	
Escarpment of broken outcrop	
Geological contact	
Mineralization site	
Rock Geochemical Sample	
	Cu Zn Mo
	100 200 6
	50 100 5
Fault	
Strike & dip	
Formation present in Talus (<50%)	



Canadian Occidental Petroleum
Taltot Creek Area NST 105-G-9 Yukon
Claims Bir I-212
GEOLOGY
SHEET 2
AUG. 28, 1972
Data by B. Winfield



A F F I D A V I T

I, Bruce Irwin Cook, of Toronto, Ontario, an employee of Canadian Occidental Petroleum Ltd., Minerals Division, of Suite 801, 161 Eglinton Avenue East, Toronto 12, Ontario, make oath and state:

That the expenditures incurred for the geological and geochemical evaluation of the Bir Claims, Dwarf Birch Creek Area, Yukon Territory, are true and exact to the best of my knowledge.

signed: Bruce Cook
Bruce Irwin Cook

Sworn before me at Toronto, Ont.

This 16 day of October, 1972


Notary Public



BIR CLAIM GROUP (115-G-9)

EXPENDITURES DURING 1972

1) Linecutting	\$11,892.30
2) Assaying	5,064.60
3) Wages, Benefits and Other Payroll Costs	6,014.04
4) Flying, Travel and Accommodation	6,511.53
5) Consultants	3,968.91
6) Food	552.50
7) Field Supplies, Maps and Freight	1,114.63
8) Telephone and Communications	137.38
9) Field Equipment - Depreciated @ 33% - Tents and Tent frames (\$1,164.77)	<u>388.25</u>
Sub total	\$35,644.14
10) Office Overhead and Administration - 10%	3,564.41
Total	<u>\$39,208.55</u>

Bracketed numbers refer to invoices, filed immediately following statements, which support costs claimed.

HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 11, 1972

INVOICE NO. 004-72

TO: Charge you with FEES and EXPENSES for the
linecutting and claim tagging project in
the Yukon, 1972.

AMOUNT:	Bir Group *	*14,490.00	(\$ 11,892.30 - see attached sheets)
	Rye Group	4,858.00	
	Tyr Group	6,201.00	
	Dog Group *	*4,410.00	
	Oni Group	<u>8,699.00</u>	

INVOICE TOTAL:

\$38,658.00

* To be paid at later date pending approval of submitted data.

30/8/72 9115-5072-401 - \$4,858.00 (Rye)
9115-5082-401 - \$6,201.00 (Tyr)
9115-5052-401 - \$8,699.00 (Oni)
\$19,758.00

11/9/72 9115-5042-401 - \$4,410.00
9115-5062-401 - 11,892.30 ✓
\$16,302.30





BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110

TELEX: 013-3548

RECEIVED

2

JUL 17 1972

I. I. B.

Dr. J.J. Brummer,
Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Avenue E.,
Toronto 12, Ontario

INVOICE: 4930

DATE: July 17, 1972

REPORT NO: 42-24

PROJECT: 5062 B.WINFIELD,
P.McCarter.

SAMPLE NOS: SERIES 5160 to 5482, SERIES BW23 to BW79.

186	Cu, Zn, Mo Analysis	@ \$2.50	\$465.00
321	Sample Prep. (soils)	@ .20	64.20
28	Sample Prep. (rocks)	@ .75	19.50
			<hr/>
			\$548.70
	Less 20% Vol. Discount		<hr/>
			109.74
			<hr/>
		TOTAL	\$438.96
			<hr/> <hr/>

9115-5182 - 5062 - 413 - \$438.96

B. Cook



BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

RECEIVED

JUL 17 1972

J. J. B.

INVOICE: 4924

DATE: July 11, 1972.

REPORT NO: 42-17

PROJECT: Winfield 5062

Dr. J.J. Brummer,
c/o Canadian Occidental Petroleum,
801, 161 Eglinton Avenue E.,
Toronto, Ontario.

Sample Nos: 5001 to 5159, 34187, BW-1 to BW-41

120	Cu, Zn, Mo Analyses	@ \$2.50	\$300.00
160	Sample Preparation (soils)	@ 0.20	32.00
23	Sample Preparation (rocks)	@ 0.75	17.25
			<hr/>
		TOTAL	349.25
	Less 20% Vol. Discount		69.85
			<hr/>
		NET	\$279.40
			<hr/> <hr/>

9115-5182-5062-413 \$279.40 ✓

B. Cook



BONDAR-CLEGG & COMPANY LTD.

geochemists • assayers • analytical chemists

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEEX: 013-3548

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: 4955

DATE: July 28, 1972

REPORT NO: 42-36

PROJECT: 5062

SAMPLE NUMBERS: 5684-6574; BW155-189

200	Cu,Zn,Mo Analysis	@ \$2.50	\$500.00
336	Sample Preparation (soils)	@ \$0.20	67.20
32	Sample Preparation (rocks)	@ \$0.75	<u>24.00</u>
	TOTAL		\$591.20
	20% Vol. Disc.		<u>118.24</u>
	NET		<u><u>\$472.96</u></u>

RECEIVED

JUL 31 1972

J. J. B.

9115-5062-413 - \$472.96 ✓

B Cook



BONDAR-CLEGG & COMPANY LTD.

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PHONE: 237-3110

TELEX: 013-3548

RECEIVED

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

H. J. B.

INVOICE: 4946

DATE: July 25, 1972

REPORT NO: 5062

PROJECT: C. F. Gleeson

Vehicle FIFE

Attention: Dr. J. J. Brummer

Delivery charges as attached

\$116.70

DELIVERY RECEIPT

FROM <i>Bondar Clegg & Co. Ltd.</i>		DATE <i>15/7/72</i>
TO <i>Canadian Occidental Petroleum Ltd.</i>		YOUR ORDER
ADDRESS <i>770 BELFAST RD.</i>		CITY
PACKAGES <i>32 bags of 25 lbs. Rate Return Disposal</i>		WEIGHT
<i>and 2 boxes of 25 lbs. Rate Return Disposal</i>		
<i>20 lbs. Rate Return - 23 lbs. Rate Return - 5 lbs. Rate Return</i>		
<i>20 lbs. Rate Return - 3.87 lbs. Rate Return</i>		
<i>30 lbs. Rate Return</i>		
RECEIVED BY <i>C. F. Gleeson</i>	TOTAL PACKAGES	TOTAL WEIGHT
		<i>116.70</i>
	C.O.D. CHARGE	DELIVERY CHARGE

*check weekly reports
camps were*

9115-5062 - 413 - \$116.70

B. Cook

J. J. Brummer

THIS IS A PROFESSIONAL ACCOUNTS DUE WHEN

01207

BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
 PHONE: 237-3110 TELEX: 013-3548

RECEIVED

JUL 26 1972

2

Canadian Occidental Petroleum Ltd.,
 801 - 161 Eglinton Ave. E.,
 Toronto 12, Ontario.

INVOICE: **4947**

DATE: July 25, 1972

REPORT NO: 42-33

PROJECT: 5062

Attention: Dr. J. J. Brummer

SAMPLE NOS: 5458; 5483-5683
 80-150

138	Cu,Zn,Mo Analysis	@ \$2.50	\$345.00
202	Sample preparation (soils)	@ \$0.20	40.40
37	Sample Preparation (rocks)	@ \$0.75	<u>27.75</u>
	TOTAL		\$413.15
	20% Vol. Disc.		<u>82.63</u>
	NET		<u><u>\$330.52</u></u>

9115-5182-5062-413 \$ 330.52 ✓

B. Cook 



BONDAR-CLEGG & COMPANY LTD.

Bio Group - Analyses
geochemists ●assayers ●analytical chemists

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

RECEIVED

2

AUG 8 1972

INVOICE: 4974

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

DATE: August 4, 1972

REPORT NO: 42-46

Attention: Dr. J. J. Brummer

PROJECT: 5062

SAMPLE NOS: 6402 - 7000
BW147-227

295	Cu,Zn,Mo Analyses	@ \$2.50	\$737.50
506	Sample Preparation (soils)	@ \$0.20	101.20
38	Sample Preparation (rocks)	@ \$0.75	<u>28.50</u>
	TOTAL		\$867.20
	20% Vol. Disc.		<u>173.44</u>
	NET		<u><u>\$693.76</u></u>

9115-5062-413 - \$693.76 ✓

B. Cook



BONDAR-CLEGG & COMPANY LTD.

geochemists • assayers • analytical chemists

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

RECEIVED

INVOICE:

4987

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

AUG 14 1972

DATE: August 10, 1972

J. J. B.

REPORT NO: 42-50

Attention: Dr. J. J. Brummer

PROJECT: 5062

SAMPLE NOS: 6001-6496
BW228-276

237	Cu,Zn,Mo Analysis	@ \$2.50	\$592.50
432	Sample Preparation (soils)	@ \$0.20	<u>86.40</u>
		TOTAL	\$678.90
		20% Vol. Disc.	<u>135.78</u>
		NET	<u><u>\$543.12</u></u>

9115-5062-413 \$543.12 ✓

B. Cook



BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELETYPE: 237-3110
TELEX: 013-3548

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: **8845**
DATE: September 6, 1972
REPORT NO: 42-90
PROJECT: 5062 (BIR)
SAMPLE NOS: BW405-491

79	Cu,Zn,Mo Analysis	@ \$2.50	\$197.50
79	Sample Preparation (rocks)	@ \$0.75	<u>59.25</u>
		TOTAL	\$256.75
		20% Vol. Disc.	<u>51.35</u>
		NET	<u><u>\$205.40</u></u>

9115 - 5062-413 - \$205.40 ✓



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768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: 8816
DATE: August 22, 1972
REPORT NO: 42-71
PROJECT: 5062 (BIR)
SAMPLE NOS: 7025-7923
285-366

491	Cu,Zn,Mo Analysis	@ \$2.50	\$1,227.50
833	Sample Preparation (soils)	@ \$0.20	166.60
73	Sample Preparation (rocks)	@ \$0.75	<u>54.75</u>
	TOTAL		\$1,448.85
	20% Vol. Disc.		<u>289.77</u>
	NET		<u><u>\$1,159.08</u></u>

9115 - 5062 - 413 - \$1,159.08

B Cook



BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

RECEIVED

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: **8815**
DATE: August 22, 1972
REPORT NO: 42-62
PROJECT: 5062 (BIR)
SAMPLE NOS: 6092-7090

58	Cu,Zn,Mo Analysis	@ \$2.50	\$145.00
113	Sample Preparation (soils)	@ \$0.20	<u>22.60</u>
	TOTAL		\$167.60
	20% VOL. DISC.		<u>33.52</u>
	NET		<u><u>\$134.08</u></u>

915-5062-413 \$134.08 ✓
B Cash J. Brummer

BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
 PHONE: 237-3110

TELEX: 013-3548

RECEIVED

11/22/72

2

INVOICE: **8810**

DATE: August 22, 1972

REPORT NO: 42-64

PROJECT: 5062 (BIR)

SAMPLE NOS: BW278-282

Canadian Occidental Petroleum Ltd., I. I. B.
 801 - 161 Eglinton Ave. E.,
 Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

5	Cu,Zn,Mo Analysis	@ \$2.50	\$12.50
5	Sample Preparation (rocks)	@ \$0.75	<u>3.75</u>
		TOTAL	\$16.25
		20% Vol. Disc.	<u>3.25</u>
		NET	<u><u>\$13.00</u></u>

9115-5062-413 # 13.00 →

B. Cook



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768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO

PHONE: 237-3110

TELEX: 013-3548

2

INVOICE: **8866**

DATE: September 11, 1972

REPORT NO:

PROJECT: 5062 and 5042

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

Delivery charges as per attached

\$64.20

DELIVERY RECEIPT

RECEIVED BY		TOTAL PACKAGES		TOTAL WEIGHT	
<i>Guillians</i>				<i>64 20</i>	
FROM <i>Bondar Clegg & Co. Ltd.</i>		RECEIVED IN APPARENT GOOD ORDER		WEIGHT	
TO <i>Canadian Occidental Petroleum Ltd.</i>		CITY			
DATE <i>28/8/72</i>		OUR ORDER			
<i>211 St. Lawrence - 214 mths 30/Jan/72</i>					
<i>Chargi & prod. sold</i>					
<i>5062 & 5042</i>					

Rediform 6M51

9115-5062-413 - 32.10 ✓
-5042-413 - 32.10
\$64.20

[Signature]

THIS IS A PROFESSIONAL ACCOUNTS DUE WITHIN

01212



BONDAR-CLEGG & COMPANY LTD.

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768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

INVOICE: 8867

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

DATE: September 11, 1972

REPORT NO:

Attention: Dr. J. J. Brummer

PROJECT: 5062

Delivery charges as per attached

\$64.20

		01211	
FROM <i>Bondar Clegg & Co Ltd.</i>		DATE <i>Aug 26/72</i>	
TO <i>Canadian Occidental Pet. Ltd.</i>		YOUR ORDER	
ADDRESS		CITY	
PACKAGES	RECEIVED IN APPARENT GOOD ORDER		WEIGHT
	<i>Whitehorse - Haines Junction -</i>		
	<i>Whitehorse - 214 miles @ 30¢/mile</i>		
	<i>Charge to project #5062</i>		
RECEIVED BY	TOTAL PACKAGES	TOTAL WEIGHT	
<i>J. J. Brummer</i>		<i>#</i>	
	C.O.D. CHARGE	DELIVERY CHARGE	<i>\$64.20</i>

9115-5062-413 - 64.20 ✓

J. J. Brummer

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



geochemists • assayers • analytical chemists

BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

INVOICE: **8865**

DATE: September 11, 1972

REPORT NO:

PROJECT: 5062

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

Delivery Charges as per attached

\$114.00

DELIVERY RECEIPT

		01213	
FROM	<i>Bondar Clegg & Co Ltd</i>	DATE	<i>Sept 11/72</i>
TO	<i>Canadian Occidental Pet. Ltd.</i>	YOUR ORDER	
ADDRESS	CITY		
PACKAGES	RECEIVED IN APPARENT GOOD ORDER	WEIGHT	
	<i>Whitehorse - Burwash Landing -</i>		
	<i>Whitehorse</i>		
	<i>Charge to Project # 5062</i>		
RECEIVED BY	<i>J. Brummer</i>	TOTAL PACKAGES	TOTAL WEIGHT
		C.O.D. CHARGE	DELIVERY CHARGE <i>114.00</i>

Rediform 6MS1

9115 - 5062 - 413 - \$114.00 ✓

J. Brummer

**THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED**



BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO

PHONE: 237-3110

TELEX: 013-3548

2

• Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: **8869**

DATE: September 11, 1972

REPORT NO: 42-103

PROJECT: 5062

SAMPLE NOS: 5106, 5108,
7151, 7311

4	Cu,Zn,Mo Analysis	@ \$2.50	<u>\$10.00</u>
		TOTAL	\$10.00
		20% Vol. Disc.	<u>2.00</u>
		NET	<u><u>\$ 8.00</u></u>

9115 - 5062 - 413 - \$ 8.00 ✓



BONDAR-CLEGG & COMPANY LTD.

geochemists • assayers • analytical chemists

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

INVOICE: 8870

DATE: September 11, 1972

REPORT NO: 42-104

PROJECT: 5062

SAMPLE NOS: M-9685-9690
L-4183; L-4194;
L-4195

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto, Ontario.

Attention: Dr. J. J. Brummer

8	Cu,Zn,Mo Analysis	@ \$2.50	\$20.00
8	Sample Preparation (soils)	@ \$0.20	<u>1.60</u>
		TOTAL	\$21.60
		20% Vol. Disc.	<u>4.32</u>
		NET	<u><u>\$17.28</u></u>

9115- 5062- 413 \$17.28 ✓



BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: **8825**

DATE: August 29, 1972

REPORT NO: 42-76

PROJECT: 5062

SAMPLE NOS: 4483-4494;
BW370

13	Cu,Zn,Mo Analysis	@ \$2.50	\$32.50
13	Sample Preparation (soils)	@ \$0.20	<u>2.60</u>
		TOTAL	\$35.10
		20% Vol. Disc.	<u>7.02</u>
		NET	<u><u>\$28.08</u></u>

9115-5062-413 - \$28.08 ✓



BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

2

Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: **8823**

DATE: August 29, 1972

REPORT NO: 42-74

PROJECT: 5062 (BIR)

SAMPLE NOS: 7823-7828;
7922-8000; 14001-14067;
14087-14117; BW-368-379

99	Cu,Zn,Mo Analysis	@ \$2.50	\$247.50
183	Sample Preparation (soils)	@ \$0.20	36.60
9	Sample Preparation (rocks)	@ \$0.75	<u>6.75</u>
		TOTAL	\$290.85
		20% Vol. Disc.	<u>58.17</u>
		NET	<u><u>\$232.68</u></u>

9115-5 062-413 - \$232.68 ✓

BONDAR-CLEGG & COMPANY LTD.

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
 PHONE: 237-3110 TELEX: 013-3548

2

Canadian Occidental Petroleum Ltd.,
 801 - 161 Eglinton Ave. E.,
 Toronto 12, Ontario.

Attention: Dr. J. J. Brummer

INVOICE: **8827**

DATE: August 29, 1972

REPORT NO: 42-81

PROJECT: 5062

SAMPLE NOS: 5883A-E;
 14068-14086; 14117-14177;
~~BW380-404~~

63	Cu,Zn,Mo Analysis	@ \$2.50	\$157.50
83	Sample Preparation (soils)	@ \$0.20	16.60
19	Sample Preparation (rocks)	@ \$0.75	<u>14.25</u>
	TOTAL		\$188.35
	20% Vol. Disc.		<u>37.67</u>
	NET		<u><u>\$150.68</u></u>



9115-5062-413 # 150.68 ✓

THE PREMIUM SHOWN IS FOR THE PERIOD FROM JUNE 7/72 TO SEPT 5/72

Invoice 08-35-003

WORKMENS COMPENSATION

(3)

POLICY NUMBER	COMPANY	AMOUNT OF INSURANCE	PREMIUM
W C 989319	PRUDENTIAL ASSURANCE		150.00
9115-5032	- 502 -	12.60	
-5042	- .. -	9.45	
-5052	- .. -	25.05	
-5062	- .. -	45.15	
-5072	- .. -	12.15	
-5082	- .. -	18.00	
-5092	- .. -	18.00	
-5102	- .. -	9.60	
		<u>150.00</u>	

Chg # 233

[Signature]

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TRANS NORTH TURBO AIR LTD.
BOX 4338 PHONE 668-2177
WHITEHORSE, YUKON



TO: Canadian Occidental Petroleum Ltd.
#801, 161 Eglinton Avenue, East
Toronto 12, Ontario

DATE August 31, 1972 INVOICE NO. A1059-2
P.O. NO.

TO: Charge you with the charter of Bell 206B JetRanger Helicopter CF-DDL
Crew: R. Dunbar and E. Stout

FLYING: August 23, 26, 28 & 30, 1972
Daily Flight Report Nos: 7154, 7158, 7161 & 7163

11.1 hours at \$253.00 per hour (Rate when carrier supplies fuel) \$2,808.30

PLUS: Excess cost of fuel at following points:
Charterer assessed with cost of fuel over \$.60 per gallon

Haines Junction:
159 gallons at \$.27 per gallon 42.93
Burwash:
45 gallons at \$.37 per gallon 16.65
Mount Kennedy Lodge:
30 gallons at \$.39 per gallon 11.70

INVOICE TOTAL \$2,879.58

915-5162-416 - 827.42
- 5082-416 - 1,427.14
- 5062-416 - 625.02 ✓
F 2,789.58

Toronto copy

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TRANS NORTH TURBO AIR LTD.



BOX 4338 PHONE 668-2177
WHITEHORSE, YUKON

TO: Canadian Occidental Petroleum Ltd.
#801 - 161 Eglinton Avenue, East
Toronto 12, Ontario

RECEIVED
JUL 1 1972
J. J. B.

DATE	June 30, 1972	INVOICE NO.	A391-2
P.O. NO.			

TO: Charge you with the charter of Bell
206B Jetranger Helicopter CF-DDL
Pilot: R. Dunbar

FLYING: June 21 & 25, 1972
Daily Flight Report Nos. 7020 & 7031

4.0 hours at \$253.00 per hour \$1,012.00
(Rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points
Charterer assessed with cost
of fuel over \$.60 per gallon

Burwash
34 gallons at \$.37 per gallon 12.58

Haines Junction
50 gallons at \$.27 per gallon 13.50

INVOICE TOTAL \$1,038.08

Invoice 7020 -

1.6 hrs @ \$253. = \$ 404.80
Fuel 12.58

chg. 9115-5182-5062-416-# 417.38

Invoice 7031

.9 hrs @ 253 = \$ 227.70
Fuel 4.50

chg: 9115-5182-5102-416-# 232.20

Invoice 7031

ⓑ .6 hrs @ \$253 = 202.40
Fuel 4.50

chg- 9115 - 5182 - 5092 - 416 -# 206.90

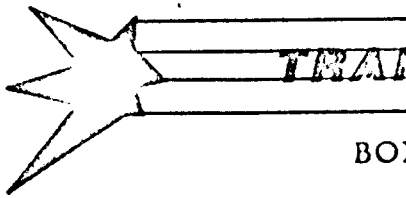
ⓒ .7 hrs @ \$253. = 177.10
Fuel 4.50

chg. - 9115 - 5182 - 5062 - 416 -# 181.60

B. Cook

TERMS: ONE PERCENT INTEREST PER MONTH WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

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TRANS NORTH TURBO AIR LTD.



BOX 4338 PHONE 668-2177
WHITEHORSE, YUKON

TO: Canadian Occidental Petroleum Ltd.
#801, 161 Eglinton East
Toronto 12, Ontario

RECEIVED

J. J. B.

DATE July 31, 1972

INVOICE NO. A652-2

P.O. NO.

TO: Charge you with the charter of Bell 206B JetRanger
Helicopter CF-DDL
Pilot: R. Dunbar

FLYING: July 16, 23, 28 & 29, 1972
Daily Flight Report Nos: 7069, 7086, 7099 & 7101
11.4 hrs. at \$253.00 per hour \$2,884.20
(Rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points:
Charterer assessed with cost
of fuel over \$.60 per gallon

Burwash

170 gallons at \$.37 per gallon 62.90

Haines Junction

70 gallons at \$.27 per gallon 18.90

PLUS: Meals at Burwash 5.00

INVOICE TOTAL

\$2,971.00

9115-5052-416 - # ^{Flying} 957.80
9115-5062-416 - 375.90
9115-5072-416 - 730.10
9115-5082-416 - 907.20
2,971.00

Canadian Occidental Petroleum Ltd.

Invoice #A761-2
Page 2

PLUS: Excess cost of fuel at following points
Charterer assessed with cost
of fuel over \$.60 per gallon

Burwash:

67 gallons at \$.37 per gallon

24.79

Haines Junction:

21 gallons at \$.27 per gallon

5.67

PLUS: Meal at Burwash

3.50

INVOICE TOTAL

\$2,685.96


9115 - 5052 - 416 - \$384.56

- 5062 - 416 - 1,097.60

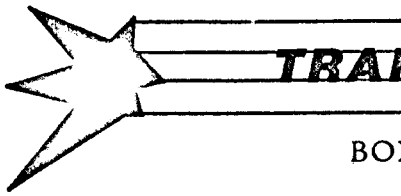
- 5072 - 416 - 414.80

- 5042 - 416 - 789.00

\$2,685.96



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TRANS NORTH TURBO AIR LTD.



BOX 4338 PHONE 668-2177
WHITEHORSE, YUKON

TO: Canadian Occidental Petroleum Ltd.
#801 - 161 Eglinton Avenue, East
Toronto 12, Ontario.

9115-5032-416 - \$644.80
- 5162-416 - 1,186.73
- 5062-416 - 727.73
- 5042-416 - 961.64
- 5082-416 - 1,320.56

DATE September 14, 1972

INVOICE NO. A1109-2

P.O. NO.

TO: Charge you with the following helicopter charters:

Bell 206A JetRanger Helicopter CF-XFF
Pilots: G. Howell and D. Plaster

FLYING: September 1 & 8, 1972
Daily Flight Report Nos. 2200, 2201-2210

6.6 hours at \$248.00 per hour \$1,636.80
(rate when carrier supplies fuel)

PLUS: Excess cost of fuel at Haines Junction
Charterer assessed with cost
of fuel over \$.60 per gallon

29 gallons at \$.27 per gallon 7.83

Bell 206B JetRanger Helicopter CF-DDL
Pilots: R. Dunbar and E. Stout

FLYING: September 1, 2, 4 & 5, 1972
Daily Flight Report Nos: 7165, 7166, 7168
7170 & 7171

12.3 hours at \$253.00 per hour 3,111.90
(rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points
Charterer assessed with cost
of fuel over \$.60 per gallon

Haines Junction:

155 gallons at \$.27 per gallon 41.85

Burwash:

104 gallons at \$.37 per gallon 38.48

PLUS: Lunch at Burwash

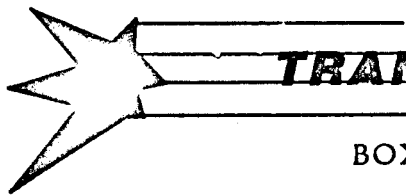
4.60

INVOICE TOTAL

\$4,841.46

TERMS: ONE PERCENT INTEREST PER MONTH WILL BE CHARGED ON
ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

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TRANS NORTH TURBO AIR LTD.



BOX 4338 PHONE 668-2177
WHITEHORSE, YUKON

RECEIVED
JUL 21 1972
J. J. B.

TO:
Canadian Occidental Petroleum Ltd.
#801-161 Eglinton, East
Toronto 12, Ontario

DATE	July 20, 1972	INVOICE NO.	A508-2
P.O. NO.			

TO: Charge you with the following helicopter charters:

Bell 47G-2 Helicopter CF-ETR
Pilot: G. Drzymala

FLYING: July 9, 11 & 12, 1972
Daily Flight Report No. 6237, 6240 & 7201

8.4 hours at \$120.00 per hour \$1,008.00
(Rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points
Charterer assessed with cost
of fuel over \$.60 per gallon

Haines Junction:
40 gallons at \$.34 per gallon 13.60

Bayshore:
45 gallons at \$.40 per gallon 18.00

Bell 206B JetRanger Helicopter CF-DDL
Pilot: R. Dunbar

FLYING: July 2 & 5, 1972
Daily Flight Report Nos. 7041 & 7046

6.1 hours at \$253.00 per hour 1,543.30
(Rate when carrier supplies fuel)

PLUS: Excess cost of fuel at following points
Charterer assessed with cost
of fuel over \$.60 per gallon

Haines Junction:
99 gallons at \$.27 per gallon 26.73

.../2
TERMS: ONE PERCENT INTEREST PER MONTH WILL BE CHARGED ON
ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

Burwash:
29 gallons at \$.37 per gallon

10.73

INVOICE TOTAL

\$2,620.36

9115- 5062- 416 - \$383.16 ✓

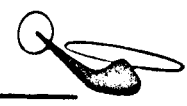
- 5082- 416 - 1132.-

- 5092- 416 - 1105.20

\$ 2620.36



HIGHLAND HELICOPTERS LTD.



424 Agar Drive, International Airport South, Vancouver, B.C. (604) 273-6161

REC

IN ACCOUNT WITH:

CANADIAN OCCIDENTAL PETROLEUM LTD.
161 EGLINGTON AVE. EAST
TORONTO 12, ONTARIO

DATE: 18 AUG 72

INVOICE No. 504

CUSTOMER P.O. #

DATE	TICKET No.	FLIGHT TIME	RATE - HR.	CHARGE
8 AUG 72	3709	1.6	160.00	
10	3711	4.2		
11	3712	2.0		
12	3713	2.0		
		<u>9.8</u>		<u>\$ 1,568.00</u>

9115 - 5052 - 416 - \$ 128.00
 - 5062 - 416 - 736.00 ✓
 - 5072 - 416 - 576.00
 - 5082 - 416 - 128.00
\$ 1568.00

RATE: CLASS 4 CHARTER

TERMS: NET 30 DAYS



Toronto copy

4



TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVENUE, NORTH BURNABY, B.C., CANADA

PHONE: 291-7578

RECORDED

July 27th, 1972

Canadian Occidental Petroleum Ltd.,
Ste # 801- 161 Eglinton Ave East
Toronto 12, Ont.

Invoice # 110

Flight ticket 2178
July 15th, 1972

3.04 hrs. @ \$135.00 Cust. fuel rate

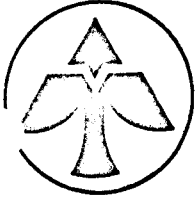
..... \$ 459.00

9115 - 5082 - 41L -	378.00
- 5082 - 41L -	40.50
- 5092 - 41L -	40.50
<hr/>	
	\$ 459.00

B Cook

Helicopter Hiller 12E
Pilot Jim Neill Quill Creek, Yukon

Toronto copy



TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVENUE, NORTH BURNABY, B.C., CANADA

PHONE: 291-7578

RECEIVED

July 27th, 1972

Canadian Occidental Petroleum Ltd.,
Ste # 801 - 161 Eglinton Ave E
Toronto 12, Ont.

Invoice # 111

Flight ticket #2177
July 14th, 1972

2.06 hrs. @ \$135.00 customer fuel rate

.....\$ 351.00

9115 - 5062 - 416 -	175.50
- 5082 - 416 -	175.50
	<u>\$ 351.00</u>

Hiller 12E - CF-OXI
Jim Neill pilot
Quill Creek

Hertz

YUKON AUTO RENTALS LTD.,
402 OGILVIE ST.,
WHITEHORSE, YUKON

PAGE 2 ORIGINAL INVOICE NO. C642121
NO FACTURE ORIGINALE

TO BE PAID BY RENTER

CHARGE CARD

CARTE DE CREDIT

Chrysler Occidentale
161 Egmont Ave. E.
Toronto Ontario

RENTER: DONALD BRYANT

CHARGE CARD: 1 HTZ 2 DIV 3 AMEX 4 CB 5 ATC OTHER:

UNIT NUMBER - N° DU VÉHICULE
OWNING CITY - VILLE PROP. Whitehorse
CAR MAKE - MARQUE Chevy
LICENSE NO. - PLAQUES UD100

HEREINAFTER CALLED "LESSOR" - CI-APRÈS APPELÉE LOCATEUR
CAR CHECKED IN AT (CITY) / LIEU DE RETOUR (VILLE)
DATE & TIME - DATE & HEURE
ARRIVÉE: 7:45 AM SEPT 1/72
STATION
CAR RENTED AT (CITY) / AUTO LOUÉE À (VILLE)
DATE & TIME - DATE & HEURE
OUT DÉPART: 7:30 AM Aug 31/72
STATION
CAR TO BE CHECKED IN AT / LIEU DE DESTINATION
DATE / YEAR / MONTH / DAY
TIME - HEURE

THIS IS YOUR ORIGINAL INVOICE
CECI EST VOTRE FACTURE ORIGINALE

SETTLEMENT IS DUE UPON RECEIPT, AS NO STATEMENT WILL BE RENDERED

VEUILLEZ RÉGLER SUR RÉCEPTION DE CETTE FACTURE, AUCUN ÉTAT DE COMPTE NE VOUS SERA ENVOYÉ.

PROV. Yukon
MILEAGE DETERMINED BY READING FACTORY INSTALLED ODOMETER / PARCOURS DÉTERMINÉ PAR LA LECTURE DE L'ODOMÈTRE POSÉ À L'USINE
MILEAGE IN / LECTURE À L'ARRIVÉE: 38727
MILEAGE OUT / LECTURE AU DÉPART: 38596
MILES DRIVEN / PARCOURS EN MILLES: 131
DEPOSIT - DÉPÔT
HOURS / HEURES @ \$
DAYS / JOURS @ \$ 16.00 16.00
WEEKS / SEMAINES @ \$
MILES @ 16¢ PER MILE / MILLES @ 16¢ PAR MILLE 2096
SUB -TOTAL 3696
Less 20% 739

AUTHORIZATION FOR COLLISION DAMAGE WAIVER
AUTORISATION POUR CLAUSE D'EXONÉRATION DE DOMMAGE PAR COLLISION

AUTHORIZATION FOR PERSONAL ACCIDENT INSURANCE
AUTORISATION POUR CLAUSE D'ASSURANCE-ACCIDENT PERSONNELLE

RENTED BY: LOUÉ PAR: Donald Bryant

BASIC CHARGE: 1 DAY PLUS MILEAGE / FRAIS MINIMUM: 1 JOURNÉE PLUS PARCOURS

THANK YOU - MERCI

PLEASE RETURN INVOICE - STUB BELOW WITH YOUR PAYMENT TO INSURE PROPER CREDIT

VEUILLEZ RETOURNER CE TALON AVEC VOTRE REMISE AFIN QUE VOTRE COMPTE SOIT CRÉDITÉ

DETACH HERE

VEUILLEZ DÉTACHER ICI

INVOICE - STUB
FACTURE

ORIGINAL INVOICE NO. C642121
NO FACTURE ORIGINALE

SHOW INVOICE NO. ON ALL CORRESPONDENCE / MENTIONNER LE NUMÉRO DE FACTURE DANS TOUTE CORRESPONDANCE

YUKON AUTO RENTALS LTD.,
402 OGILVIE ST. - WHITEHORSE, Y.T.
TO: À:

PLEASE DETACH AND RETURN THIS STUB WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE / VEUILLEZ DÉTACHER ET RETOURNER CE TALON AVEC VOTRE REMISE DANS L'ENVELOPPE CI-INCLUSE.

INTERCITY FEE / FRAIS INTER-CITÉS 45
COLLISION DAMAGE WAIVER / FRAIS D'EXONÉRATION DE DOMMAGES PAR COLLISION 2.00
SUB -TOTAL 3153
% TAX / TAXE 51 54
P.A. INSURANCE / ASSURANCE ACCIDENT PERS. 55 58
GAS / ESSENCE 59 6.00
MISC. / DIVERS 63 67 71
TOTAL CHARGE / TOTAL DES FRAIS
DEPOSIT / DÉPÔT 72 76
VOUCHER F 13 18
NET DUE / FRAIS NET 375.18
EXCHANGE RATE / TAUX D'ÉCHANGE
IN YOUR CURRENCY / MONNAIE ÉTRANGÈRE
REFUND RECEIVED BY / REMBOURSEMENT REÇU PAR
COMPUTED BY / COMPIÉ PAR
(SIGNATURE)
CASH REFUND - REMBOURSEMENT COMPTANT REP.
POSTED - DRB - ENTRÉE
DAY / MONTH / YEAR

REFERRAL: 5062
RES.
PREPARED BY - PRÉPARÉ PAR: R. M. [Signature]

RENTER: PLEASE READ TERMS AND CONDITIONS ON PAGE 1 (REVERSE) / LOCATAIRE: VEUILLEZ LIRE LES CONDITIONS DE LA PAGE 1 (VERSO)

4. INVOICE FACTURE

9115-5062-416-\$375.18
Chq # 276

(HEREINAFTER CALLED "LESSOR" - CI-APRÈS APPELÉE LOCATEUR)

CAR CHECKED IN AT (CITY) / LIEU DE RETOUR (VILLE) STATION		DATE & TIME - DATE & HEURE IN ARRIVÉE JUN 21 1972	
CAR RENTED AT (CITY) / AUTO LOUÉE À (VILLE) STATION		DATE & TIME - DATE & HEURE OUT DÉPART JUN 21 1972 7:30 AM	
CAR TO BE CHECKED IN AT / LIEU DE DESTINATION STATION		DAY / JOUR	DATE / DATE YEAR / ANNÉE TIME / HEURE
UNIT NUMBER - N° DU VÉHICULE 29		HOURS / HEURES @ \$	
OWNING CITY - VILLE PROP. TORONTO ONT.		DAYS / JOURS @ \$ 16.00	
CAR MAKE - MARQUE FORD		WEEKS / SEMAINES @ \$ 96.00	
LICENSE NO. - PLAQUES UD 153		MILES / MILLES @ 16.00 PER MILE / PAR MILLE 157.28	
PROV. ONT.		DEPOSIT - DÉPÔT \$ 253.33	
DRIVER'S LICENSE NO. - PERMIS DU CONDUCTEUR M2246-63304-40707		SUB-TOTAL 253.33	
PASSPORT NO. - PASSEPORT ISSUED BY & DATE - ÉMIS PAR & DATE AGE		INTERCITY FEE / FRAIS INTER-CITÉS 43.45	
LOCAL ADDRESS - ADRESSE LOCALE TELEPHONE		COLLISION DAMAGE WAIVER / EXONÉRATION DES DOMMAGES PAR COLLISION 47.00	
SECOND ADDRESS - DEUXIÈME ADRESSE (HOME/BUSINESS) / (DOMICILE/AFFAIRES) TELEPHONE		COLLISION DAMAGE WAIVER / EXONÉRATION DES DOMMAGES PAR COLLISION 10.00	
COLLISION DAMAGE WAIVER / EXONÉRATION DES DOMMAGES PAR COLLISION \$2.00 PER DAY OR FRACTION THEREOF / \$10.00 PER WEEK		SUB-TOTAL 227.15	
PERSONAL ACCIDENT INSURANCE / ASSURANCE ACCIDENT PERSONNELLE \$1.00 PER DAY OR FRACTION THEREOF / \$10.00 PER WEEK		COLLISION DAMAGE WAIVER / EXONÉRATION DES DOMMAGES PAR COLLISION 10.00	
PERSONAL ACCIDENT INSURANCE / ASSURANCE ACCIDENT PERSONNELLE \$1.00 PER DAY OR FRACTION THEREOF / \$10.00 PER WEEK		SUB-TOTAL 237.15	
I HAVE READ THE TERMS & CONDITIONS ON PAGE 1 (OTHER SIDE) AND PAGE 2 OF THIS RENTAL AGREEMENT AND AGREE THERETO.		TAX 50.00	
CUSTOMER'S SIGNATURE / SIGNATURE DU CLIENT		P.A. INSURANCE / ASSURANCE ACCIDENT PERS. 55.00	
CUSTOMER IS LIABLE FOR ALL PARKING AND TRAFFIC VIOLATIONS - GAS NOT INCLUDED IN RATES / LE CLIENT EST RESPONSABLE DE TOUTE CONTRAVENTION CONCERNANT LE TRAFIC ET LE STATIONNEMENT - LE TARIF N'INCLUT PAS L'ESSENCE.		GAS / ESSENCE 59.00	
ADDITIONAL DRIVER'S NAME - NOM DU CONDUCTEUR ADDITIONNEL AGE		RENTAL AGREEMENT / CONTRAT DE LOCATION C 641367	
DRIVER'S LICENSE NO. - PERMIS DU CONDUCTEUR PROV. EXPIRES DAY/JR. MO. YR./AN		SHOW RENTAL AGREEMENT NO. ON ALL CORRESPONDENCE / MENTIONNER LE NO DE CONTRAT DE LOCATION DANS TOUTE CORRESPONDANCE	
FOR HOTEL USE ONLY - ESPACE RÉSERVÉ À HOTEL		NET DUE / FRAIS NET 360.75	
BASIC CHARGE 1 DAY PLUS MILEAGE / FRAIS MINIMUM 1 JOURNÉE PLUS PARCOURS		EXCHANGE RATE / TAUX D'ÉCHANGE IN YOUR CURRENCY / MONNAIE ÉTRANGÈRE 291.60	
REFERRAL / RÉF.		REFUND RECEIVED BY / REMBOURSEMENT REÇU PAR 6 5 4 3 2 1	
RES. PREPARED BY - PRÉPARÉ PAR		(SIGNATURE) / CASH REFUND - REMBOURSEMENT COMPTANT REP.	

3115 - 5062 - 416 50% - 145.80 ✓
 5072 - 416 25% - 72.90
 5102 - 416 25% - 72.90

6. RENTING STATION COPY / COPIE VILLE DE LOCATION



STATEMENT



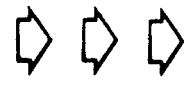
WHITEHORSE, Y.T.
BOX 1739
(403) 667-4211

SECOND AND WOOD STREETS, WHITEHORSE, Y.T.

CANADIAN OCCIDENTAL PETROLEUM
SUITE 801
161 EGLINTON AV. WEST
TORONTO, ONTARIO

DATE	DESCRIPTION	CHARGES		CREDITS		BALANCE
SEPT 16	INVOICE008262 SHOULD HAVE READ	13	30			
	PAID	2	80			
	DIFFERENCE	10	50			
	9115-5062-515-#10.50 ✓ Chq# 341 <i>[Signature]</i>					
						10 50

PLEASE PAY THIS AMOUNT



SERVICE CHARGES (1 1/2% PER MONTH) ADDED IF NOT PAID WITHIN 30 DAYS

118 WINFIELD \$10.50
 ROOM NO NAME RATE

WHITEHORSE
TRAVEL LODGE
 BOX 1739
 WHITEHORSE, Y.T.

No. 008262

J
 CLERK
 DATE DATE FOLIO
 IN OUT FROM TO
 9/1 9/2

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
				\$ 17 65	10 52
				\$ 25 164	25 164
	9115-5062-515	\$ 2.80			
	Chq # 301	(259.15)			
	5062				
	<i>Bonnie</i>				
	<i>Edm. Occidental Petrol.</i>				
	<i>B. Winfield</i>				

WHITEHORSE TRAVEL LODGE
 BOX 1739
 WHITEHORSE, Y.T.

HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 11, 1972

INVOICE NO. 006-72

TO: Charge you for cost of meals @ \$6.00/man/day

DETAILS: BIR CLAIM GROUP - June 22 - July 27
Bruce Winfield
Paul McCarter

BIR CLAIM GROUP - July 12 - July 27
Warren Boyd

AMOUNT:	\$6.00/2 men/36 days	432.00
	\$6.00/1 man/16 days	<u>96.00</u>

INVOICE TOTAL: \$528.00

9115-5062-406 - \$528.00 ✓



June 27th, 1972

Travelodge,
P. O. Box 1739,
Whitehorse, Y. T.

Dear Sir:

Please find enclosed a cheque in the amount of \$416.05 to cover the following invoices:

8990, 7832, 7882	\$ 117.55
7841	28.05
11283, 11242	78.40
7806	41.70
11268	10.50
7864	36.75
7866, 8978	<u>103.10</u>
Total	\$ 416.05

I trust you will find this statement in order.'

Yours truly,

CANADIAN OCCIDENTAL PETROLEUM LTD.,

Bruce Cook,
Office Manager,
BC/s
encl.

9115-5032-515 - 34.95
 -5042-515 - 26.21
 -5052-515 - 69.48
 -5062-515 - 125.23 ✓
 -5072-515 - 33.70
 -5082-515 - 49.93
 -5092-515 - 49.93
 -5102-515 - 21.12


202 ROOM No. B. WINFIELD NAME 10⁵⁰ RATE

WHITEHORSE
TRAVEL LODGE

BOX 1739
WHITEHORSE, Y.T.

No. 011268

CLERK DATE DATE FOLIO TO
2/6 3/6

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
	9115-5182-5032 - 515 5102			25319	<u>10504</u>
	B. Cook				

P. Muehlen

WHITEHORSE TRAVEL LODGE

BOX 1739
WHITEHORSE, Y.T.

ROOM No.

RATE:

124 WINFIELD 410.50
 ROOM No. NAME RATE

WHITEHORSE
TRAVELODGE
 BOX 1739
 WHITEHORSE, Y.T.

No. 007866

CLERK'S
 DATE IN DATE OUT FOLIO FROM TO
 2/10/79 795 007866

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
				3175311	22.00
				3175375	22.00
				176/72	3.55 Less
	9115-5182 - 5032 - 515				67.40 Amt
	5102			3105337	23.75
				3105713	24.25
	Accidental			3105354	24.75
	B Cook			3105367	25.25
				3105266	23.10

WHITEHORSE TRAVELODGE

BOX 1739
 WHITEHORSE, Y.T.

ROOM No.

RATE:

227 NEELANDS 4/10/52
 ROOM No. NAME RATE

WHITEHORSE
TRAVEL LODGE

BOX 1739
 WHITEHORSE, Y.T.

No. 007841

9/16 10/17
 CHECKS DATE DATE FOLIO
 IN OUT FROM TO

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
				3165338	11.55
					11.55
				3165375	12.55
					12.55
				3175490	13.55
					13.55
	9115-5182-5032-515 5102			3175549	17.55
					17.55
	Accidental Minute			3175586	18.55
					18.55
	B Cook				

[Signature]

WHITEHORSE TRAVEL LODGE

BOX 1739
 WHITEHORSE, Y.T.

ROOM No.

RATE:

115 Bhatia 1050
 ROOM NO. NAME RATE

WHITEHORSE
TRAVELODGE
 BOX 1739
 WHITEHORSE, Y.T.

No. 007882

CLERK DATE DATE FOLIO
 IN ON FROM TO
 6/14 6/17 00532

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
	9115-5182-5032-515 1 5102			5105657	<u>17551</u>
	<i>Kevin Bhatia</i>				
	<i>Canadian Occidental</i>				
	<i>Petroleum</i>				
	<i>B Cook</i>				

WHITEHORSE TRAVELODGE
 BOX 1739
 WHITEHORSE, Y.T.

ROOM No.

RATE:

7177/01 115 7882

207 MEHRTRA 10.50
 ROOM NO. NAME RATE

WHITEHORSE
TRAVEL LODGE
 BOX 1739
 WHITEHORSE, Y.T.

No. 011283

CLERK: [Signature]
 DATE IN: 5/31 DATE OUT: 6/3 FOLIO FROM TO

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
				35708	72.00
				35716	72.00
	9115 -5182 -5032 -515 5102				
	B Cook	[Signature]			

Prinewson

WHITEHORSE TRAVEL LODGE
 BOX 1739
 WHITEHORSE, Y.T.

ROOM No. RATE:

117 ROOM NO. BREEDERS NAME \$10.50 RATE

WHITEHORSE TRAVELODGE
BOX 1739
WHITEHORSE, Y.T.

No. 007806

CLERK DATE 4/15/17 DATE 4/17 FOLIO FROM TO

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
				5155143	12.45
				5155144	12.45
				5155165	23.15
	<i>Anders Busche</i>			5155337	23.20
	9115-5182-5032-515 5102			5155357	33.75
				5175439	33.75
				5175508	31.50
	<i>B Cook</i>				

WHITEHORSE TRAVELODGE
BOX 1739
WHITEHORSE, Y.T.

ROOM No.

RATE:

45 117	McCARTER	10.50
CLERK DATE	DATE	FOLIO
6/17	6/18	FROM TO

WHITEHORSE
TRAVELODGE
BOX 1739
WHITEHORSE, Y.T.

No. 007864

DATE	EXPLANATION	AMT. CHARGED	AMT. CREDITED	BAL. DUE	PICK-UP
				10.50	
				10.50	
				10.50	
				22.00	
				11.50	
				13.00	
				11.00	
				25.00	
				11.00	
				36.00	
				11.00	
				47.00	
				11.00	
				58.00	
				11.00	
				69.00	
				11.00	
				80.00	
				11.00	
				91.00	
				11.00	
				102.00	
				11.00	
				113.00	
				11.00	
				124.00	
				11.00	
				135.00	
				11.00	
				146.00	
				11.00	
				157.00	
				11.00	
				168.00	
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				179.00	
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				190.00	
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				234.00	
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				278.00	
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				542.00	
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				575.00	
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				718.00	
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				729.00	
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				850.00	
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				861.00	
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				872.00	
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				883.00	
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				1378.00	
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				1389.00	
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				11.00	
				1466.00	
				11.00	
				1477.00	
				11.00	
				1488.00	
			</		

HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 15, 1972

INVOICE NO. 012-72

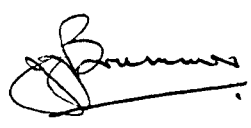
TO: Charge you for boat rental on July 18, 1972

DETAILS: 2 trips with boat from Burwash to head of Talbot
Arm. Supplies for Bir claim group.

AMOUNT: 2 trips @ \$60.00 each 120.00

INVOICE TOTAL: \$120.00

9115-5062 - 416 - \$120.00 ✓



HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 15, 1972

INVOICE NO. 010-72

TO: Charge you with 1/2 the rental of truck
Whitehorse - Burwash - Whitehorse
July 28, 1972

DETAILS: Camp supplies and equipment driven from
Whitehorse to Burwash for Occidental
BIR GROUP

AMOUNT:	400 miles @ .25/mile	100.00
	1/2 of \$100.00	50.00

INVOICE TOTAL:

\$50.00

9115-5062 - 416 - \$50.00 ✓



HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 15, 1972

INVOICE NO. 008-72

TO: Charge you with 1/2 the rental of truck
Whitehorse - Burwash - Whitehorse
July 4, 1972

DETAILS: Camp supplies and equipment driven from
Whitehorse to Burwash for Occidental
BIR GROUP and TYR GROUP

AMOUNT:	400 miles @ .25/mile	100.00
	1/2 of \$100.00	50.00

INVOICE TOTAL:

\$50.00

9115-5062-416-^{\$}25.00 ✓
 - 5082-416-25.00

 50.00



HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 11, 1972

INVOICE NO. 005-72

TO: Charge you for 1/2 the truck rental, used
for expediting services from July 1 - 31, 1972

AMOUNT: 1 month @ 1/2 of \$200.00 100.00

INVOICE TOTAL: \$100.00

9115-5032-416	-	8.40
-5042	-	6.30
-5052	-	16.70
-5062	-	30.10
-5072	-	8.10
-5082	-	12.00
-5092	-	12.00
-5102	-	6.40
		<u>100 -</u>



CALLADINE & BALDRY LIMITED LUCAS & KING



WORLD TRAVEL CENTRES

TORONTO *Warren* WILLOWDALE DON MILLS HAMILTON BURLINGTON
& MONTREAL

RECEIVED FROM: *Edm. Accidental* DATE: *July 7/72*

TYPE TRANSACTION	DETAILS	CAN 3 US	AMOUNT	CODE
TRAVEL PAYMENT	DOCKET # <i>LB 223</i>	<i>2</i>	<i>216.00</i>	<i>4</i>
CANCELLATION INSURANCE	GL # 800 AGENT <i>9115-5032-515-18.14</i> <i>-5042-515-17.61</i> <i>-5052-515-36.77</i>			<i>6</i>
BAGGAGE AND ACCIDENT INSURANCE	DOCKET 1 POLICY # AGENT <i>-5062-515-65.02</i> <i>-5072-515-17.50</i> <i>-5082-515-25.92</i> <i>-5092-515-25.92</i>			<i>5</i>
<i>Chq # 153</i>	<i>Tax-Van W.H.</i> <i>-5102-515-13.82</i>			
CASH <input type="checkbox"/>	CHEQUE <input checked="" type="checkbox"/>	TOTAL	<i>216.00</i>	

All monies paid in accordance with this receipt have been credited to your account with our company. We act on your behalf as agents only, and therefore every effort will be made to provide the services requested, but, in no way does this payment constitute a binding contract. In the unlikely event of our being unable to provide such services prior to your departure, full refund will be made less any agreed communication expenses.

OVER →

All arrangements are subject to the terms and conditions imposed by those companies utilized during your trip and to such cancellation charges as may be imposed by those companies utilized, and we can only be responsible for refunding to you, the net monies due after such cancellation charges.

CALLADINE & BALDRY LIMITED
LUCAS & KING

ADMINISTRATIVE OFFICES
1470 DON MILLS ROAD, DON MILLS ONT. PER *[Signature]*

108889

CALLADINE & BALDRY LIMITED
LUCAS & KING



WORLD TRAVEL CENTRES
IN

TORONTO WILLOWDALE DON MILLS HAMILTON BURLINGTON
& MONTREAL

RECEIVED FROM: Desiree L. Desjardins DATE: June 14/72

TYPE TRANSACTION	DETAILS	2 CAN 3 US	AMOUNT	CODE
TRAVEL PAYMENT	Tom Naalands DOCKET # <u>KF 302</u>	<u>2</u>	<u>4.32</u> ac	<u>4</u>
CANCELLATION INSURANCE	GL # 800 AGENT <u>Tor-Van - W-H-Van - Tor</u>			<u>6</u>
BAGGAGE AND ACCIDENT INSURANCE	DOCKET 1 POLICY # AGENT <u>9115-5032-515 - 36.29</u> <u>-5092 - 27.22</u> <u>-5052 - 72.14</u> <u>-5062 - 130.03</u> <u>-5072 - 34.99</u> <u>-5082 - 51.84</u> <u>-5092 - 51.84</u> <u>5102 - 27.65</u>			<u>5</u>
CASH <input type="checkbox"/> CHEQUE <input checked="" type="checkbox"/>		TOTAL <u>4.32</u>		

All monies paid in accordance with this receipt have been credited to your account with our company. We act on your behalf as agents only, and therefore every effort will be made to provide the services requested, but, in no way does this payment constitute a binding contract. In the unlikely event of our being unable to provide such services prior to your departure, full refund will be made less any agreed communication expenses.

All arrangements are subject to the terms and conditions imposed by those companies utilized during your trip and to such cancellation charges as may be imposed by those companies utilized, and we can only be responsible for refunding to you, the net monies due after such cancellation charges.

CALLADINE & BALDRY LIMITED
LUCAS & KING

108783 ADMINISTRATIVE OFFICES
1470 DON MILLS ROAD, DON MILLS ONT. PER K. King

CALLADINE & BALDRY LIMITED
LUCAS & KING



WORLD TRAVEL CENTRES
IN

TORONTO WILLOWDALE DON MILLS HAMILTON BURLINGTON
& MONTREAL

RECEIVED FROM: Mr. Bhalla DATE: June 13, 72

TYPE TRANSACTION	DETAILS	2 CAN 3 US	AMOUNT	CODE
TRAVEL PAYMENT	DOCKET # <u>LA 291</u>	<u>2</u>	<u>4.32</u> -	<u>4</u>
CANCELLATION INSURANCE	GL # 800 AGENT <u>Tor-Van - W-H-Van - Tor</u> <u>018410189893</u>			<u>6</u>
BAGGAGE AND ACCIDENT INSURANCE	DOCKET 1 POLICY # AGENT <u>9115-5032-515 - 36.29</u> <u>5042 - 27.22</u> <u>5052 - 72.14</u> <u>5062 - 130.03</u> <u>5072 - 34.99</u> <u>5082 - 51.84</u> <u>5092 - 51.84</u> <u>5102 - 27.65</u>			<u>5</u>
CASH <input type="checkbox"/> CHEQUE <input checked="" type="checkbox"/>		TOTAL <u>4.32</u> -		

All monies paid in accordance with this receipt have been credited to your account with our company. We act on your behalf as agents only, and therefore every effort will be made to provide the services requested, but, in no way does this payment constitute a binding contract. In the unlikely event of our being unable to provide such services prior to your departure, full refund will be made less any agreed communication expenses.

All arrangements are subject to the terms and conditions imposed by those companies utilized during your trip and to such cancellation charges as may be imposed by those companies utilized, and we can only be responsible for refunding to you, the net monies due after such cancellation charges.

CALLADINE & BALDRY LIMITED
LUCAS & KING

108781 ADMINISTRATIVE OFFICES
1470 DON MILLS ROAD, DON MILLS ONT. PER J. King

4

CPAir



Canadian Pacific Air Lines, Limited

399432

Vendor No.

0 REFUND TKT

PASSENGER
REFUND DUE

AUG 30 72

01841089893
018231613099
MR D. BHATIA

Date	Invoice Ref.	Amount	Refer to	
			Discount	Cheque Amount
		24.00		24.00

A. 52 Please Detach and Retain

CPAir



Canadian Pacific Air Lines, Limited

390975

Vendor No.

0 REFUND TKT

REFUND DUE

JUN 22 72

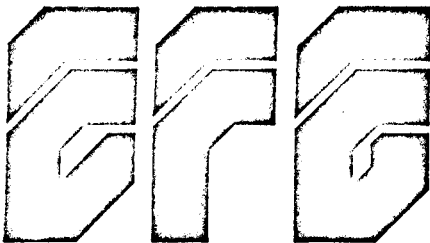
018410189895
018430876174

Date	Invoice Ref.	Amount	Refer to	
			Discount	Cheque Amount
		24.00		24.00

C.P. Air - 399432 & 390975 - \$48.00

- 9115-5032-515-(4.03) C.
- 5042-515-(3.02) C.
- 5052-515-(8.02) C.
- 5062-515-(14.45) C.
- 5072-515-(3.89) C.
- 5082-515-(5.76) C.
- 5092-515-(5.76) C.
- 5102-515-(3.07) C.

A. 52 Please Detach and Retain



INVOICE

5

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1893

- Dr. J.J. Brummer,
Canadian Occidental Petroleum Ltd.,
Minerals Division,
Suite 801 - 161 Eglinton Avenue East,
Toronto 12, Ontario

INVOICE NO.: 720G31

DATE: October 10, 1972

PROJECT: Occidental-
Toronto

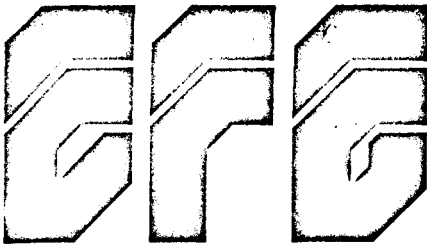
EXPENSES

Sept. 11	Ottawa Taxi to Airport			\$	8.00
	Toronto Taxi from Airport				7.50
	CPAir Ottawa-Toronto	1			25.00
	Meals 1L \$1.40, 1D \$2.50				3.90
Sept. 12	" 1B \$1.10, 1L \$1.50, 1D \$2.75				5.35
13	" \$1.20, \$1.75, \$3.50				6.45
14	" \$1.25, \$1.75, \$3.50				6.50
15	" \$1.25, \$1.75, \$4.00				7.00
16	" \$1.10, \$1.60, \$2.75				5.45
17	" \$1.25, \$1.85, \$3.00				6.10
18	" \$1.15, \$1.50, \$3.40				6.05
19	" \$1.20, \$1.75				2.95
20	" \$1.10, \$1.85, \$3.00				5.95
22	" \$1.25, \$1.70, \$3.35				6.30
	Air Fare Toronto Ottawa	2			25.00
	Taxi Toronto				8.00
	Taxi Ottawa				8.00
	Hotel Mont-Soudan	3			199.04
25	Taxi Ottawa				8.00
	Bus Fare Ottawa-Toronto				10.10
	Taxi Toronto				3.00
	Meals 1B \$1.00, 1L \$1.80				2.80
28	" \$1.00, \$2.00, 1D \$3.20				6.20
29	" \$1.20, 2L \$5.50, \$3.00				9.70
30	" \$1.10, \$3.35, 2D \$5.90				10.35
Oct. 1	" \$1.25, 1L \$1.75, 1D \$2.95				5.95
2	" \$1.25, \$2.00, \$2.75				6.00
3	" \$1.25, \$2.25, \$3.25				6.75
4	" \$1.95, \$2.90				4.85
5	" \$2.10, \$3.00				5.10
6	Taxis Toronto & Ottawa				16.00
	Air Fare	4			25.00
	Hotel Mont-Soudan	5			148.74
	Gratuities				5.00

9115-5032-515 - \$60.11
 -5042- .. - 30.05
 -5052- .. - 120.21
 -5062- .. - 75.13
 -5072- .. - 60.11
 -5082- .. - 150.25
 -5092- .. - 60.11

9115-5102-515 - \$60.11
 \$ 616.08

TOTAL \$616.08



INVOICE

P-2-3

Invoice
No. 720G23
J.J.E.

5

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1893

INVOICE NO: 720G23

DATE: August 18, 1972

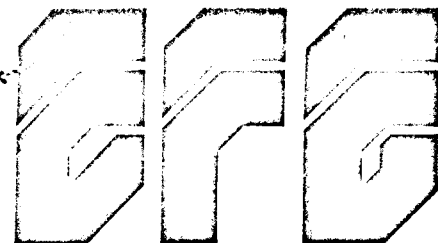
PROJECT: Rye-Oni-Tyr
Bir

Dr. J.J. Brummer,
Canadian Occidental Petroleum Co. Ltd.,
Minerals Division,
Suite 801-161 Eglinton Avenue East,
Toronto 12, Ont.

Professional services 17 days @ \$200.00 \$3400

<u>Date</u>	<u>Project</u>	<u>#days</u>
July 30	Travel	1
July 31-Aug.4	Rye#5072	5
Aug. 5 -Aug.9	Onia #5052	5
Aug. 10	Tyr #5082	1
Aug. 11-12	Bir #5062	2
Aug. 13-14	Travel	2
Aug. 15	Plotting Egma Lake sediment results	1
	Total	<u>17</u>

9115 - 5062 - 413 - # 600 ✓
 - 5072 - 413 - 1200.
 - 5082 - 413 - 400
 - 5052 - 413 - 1200.
3400



INVOICE

5

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1893

INVOICE NO.: 720G24

DATE: Aug. 18, 1972

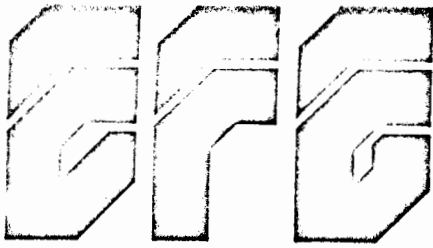
PROJECT: Rye-Onia-Tyr
Bir

• Dr. J.J. Brummer,
Canadian Occidental Petroleum Co. Ltd.,
Minerals Division,
Suite 801-161 Eglinton Avenue East,
Toronto 12, Ontario

Expenses July 30 to Aug. 14, 1972 trip to Yukon
Expenses July and August incurred for Occidental

July 30	CPA Ottawa-Whitehorse	(1)	\$223.00
	Excess Baggage	(2)	8.00
	Taxi		8.00
	1 Dinner		3.25
July 31	Capital Hotel	(3)	8.00
	Meals 1B-\$1.25		
	1L-\$1.95		
	1D-\$4.00		7.20
Aug. 12	Bus Fare Burwash Lodge, Whitehorse	(4)	10.50
	1D		3.75
Aug. 13	CPA Whitehorse-Ottawa	(5)	199.00
	Travel Lodge	(6)	17.05
	1L		1.75
Aug. 14	Taxi Ottawa		8.00
Aug. 15	Ozlid Prints of Tyr-Thatch	(7)	14.49
Aug. 16	Ozlid Prints mailed to Toronto	(8)	2.60
July 28	Bus charges - pack board - Sleeping bag - CANOXY to C.F. Gleeson taken to Whitehorse July 30	(9)	4.85
	Total		\$519.44

9115-5052-413 * 129.86
 -5062-413 - 129.86
 -5072-413 - 129.86
 -5082-413 - 129.86
519.44



INVOICE

RECEIVED

P-2-3

5

JUL 21 1972

J. J. B.

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1893

- Dr. J.J. Brummer,
Canadian Occidental Petroleum Ltd.,
Minerals Division,
Suite 801-161 Eglinton Ave., East,
Toronto 12, Ontario

INVOICE NO.: 720G21

DATE: July 21, 1972

PROJECT: Thatch-Steve-
Bir

July 11th to July 20th professional services 10 days

@ \$200.00

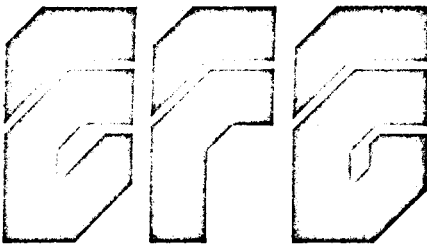
\$2000.00

<u>Date</u>	<u>Project</u>	<u>No. of days</u>
July 11	Travel: Ottawa-Burwash	1
July 12-14	Tyr 5082	3
July 15-16	Steve 5092	2
July 17-18	Bir 5062	2
July 19-20	Travel: Burwash-Whitehorse	1
	Whitehorse-Ottawa	1
TOTAL		10

9115-5182 - 5062 - 413 - \$600.00
 - 5082 - 413 - 800.00
 - 5092 - 413 - 600.00

 \$ 2,000 -

Please expedite payment.



INVOICE

5

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1893

INVOICE NO.: 720G22

DATE: July 21, 1972

PROJECT: Thatch-Steve
Bir

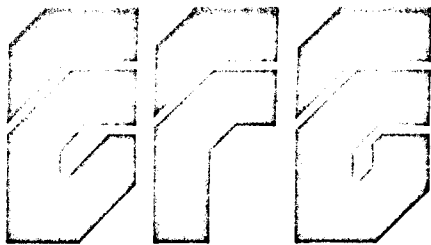
Dr. J.J. Brummer,
Canadian Occidental Petroleum Ltd.,
Minerals Division,
Suite 801-161 Eglinton Ave., East,
Toronto 12, Ontario

Expenses July 11 to 20th, 1972

July 11	Transportation Ottawa Airport		\$ 8.00
	Meals 1D \$4.25 - 1T .40		4.65
	Airfare Ottawa-Whitehorse	(1)	223.00
July 17	Burwash Lodge-Room	(2)	10.00
July 18	Meals 1B \$1.05 - T .10		1.15
July 18	Travelodge	(3)	5.00
	Meals 1D \$4.75 T. .50		5.25
July 19	Meals 1B \$1.50 T. .15		1.65
	Airfare Whitehorse-Ottawa	(4)	199.00
	Transportation Airport Ottawa		8.00
			<hr/>
			\$465.70

9115-5182-5062-413 # 155.23 ✓
 - 5182-5082-413 - 155.24
 - 5092-413- 155.23
 # 465.70

Please expedite



INVOICE

P-2-3

5

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1823
372-1012

INVOICE NO.: 720G18

DATE: July 7, 1972

PROJECT: Thatch - Steve - Bir

• Dr. J.J. Brummer,
Canadian Occidental Petroleum Ltd.,
Minerals Division
Suite 801-161 Eglinton Ave., East,
Toronto 12, Ontario

Professional Services covering period from June 16th to July 2nd, 1972.

June 16	Travel	1day	<i>Distributed</i>
June 17	Whitehorse (5102, 5092 5062)	1day	
June 18-22	Thatch Group 5102	5days	
June 23-25	Steve Group 5092	3days	
June 26-30	Bir Group 5062	5days	
July 1 & 2	Travel	<u>1day</u>	
	TOTAL	16days	

Professional services 16 days @ \$200 per day \$3200.00

9115-5162 - 5032 - 413 - 33.60
 - 5042 - " - 25.20
 - 5052 - " - 66.80
 - 5062 - " - 1,187.07
 - 5072 - " - 32.40
 - 5082 - " - 48.00
 - 5092 - " - 714.67
 - 5102 - " - 1,093.26
\$ 3,200.00

J. Brummer

Please expedite payment.



INVOICE

5

C. F. Gleeson & Associates

764 Belfast Road (M.R. 1), Ottawa 8, Ontario, Canada
Phone (613) 232-0796 - (613) 822-1892
512-5052

• Dr. J.J. Brummer,
Canadian Occidental Petroleum Ltd.,
Minerals Division,
Suite 801 - 161 Eglinton Ave., East,
Toronto 12, Ontario.

INVOICE NO.: 720G17

DATE: July 7, 1972

PROJECT: Thatch - Steve -
Bir

EXPENSE ACCOUNT

June 16	Air fare Toronto-Whitehorse	(1)	\$216.00
	Limousine service airport to Toronto , Toronto to airport		4.00
	Travelodge (June 16th -18th)	(2)	32.85
June 30	Meals 1L (2.35) 1D (3.50)		5.85
	Gas Burwash to Whitehorse	(3)	10.95
July 1st	Travelodge	(4)	28.95
	C.P. A. Whitehorse to Ottawa	(5)	199.00
	Taxi (Ottawa)		8.00
			<hr/>
		TOTAL	\$505.60

9115-5182-5062 - 413 - 168.53 ✓
 -5092 - 413 - 168.53
 -5102 - 413 - 168.54
 \$505.60

Sept 25 1972

Mr. J J Brunner

Canadian Occasional Petrols

In account with L M Richardson

Terms Dept of Biology University of Toronto

		@	\$	\$
	35 7 hrs section		2 50	87 50
9115-5032-413	- 7.35			
-5092	" - 5.51			
-5052	" 14.61			
-5062	" 26.34			
-5072	" 7.09			
-5082	" 10.50			
-5092	" 10.50			
-5102	" 5.60			
	\$ 87.50			

RECEIVED

J. J. Brunner

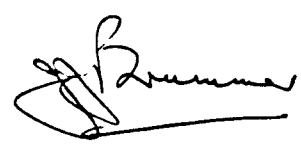
Chq # 338

Invoice for:

24 Thin section studies for Occidental
 Petroleum Ltd, Minerals Division
 by B. Winfield
 Thin sections 1-24, for Bir Group, Project #5062.
 Cost to be \$294.00 (24 @ \$12.25)

Submitted by:
 B. Winfield

9115-5062-413-\$294.00 ✓
 Chg # 330



Invoice for:

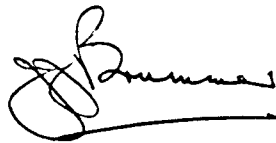
19 Thin section studies for Occidental
 Petroleum Ltd, Minerals Division
 by B. Winfield
 Thin sections 25 to 43 for Bir Group,
 Project # 5062.

Cost to be \$232.75 (19 @ 12.25)

Submitted by:

B. Winfield

9115-5062-413-\$232.75 ✓
 Obj # 331



TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

SALESMAN
GL
DEPARTMENT
HR

June 19 Occidental Minerals Corp of Can
161 Eglinton Ave E.
Toronto 12, Ont.

PURCHASE ORDER NUMBER
Comp 5062

INVOICE NUMBER
18575

11051 I

QUANTITY	ARTICLE	PRICE	AMOUNT
	<i>Groceries</i>		<i>61.35</i>
	<i>9115-5182-5062-406 - \$61.35</i>		
	<i>B Cash</i>		
<i>Revised</i>		G/L NO.	
		CHECKED BY	

SALESMAN *Off*

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

DEPARTMENT *Grocs Shipping* *July 27/72* *Occidental Petroleum Ltd*

PURCHASE ORDER NUMBER _____ INVOICE NUMBER **29311** *11051* **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
	<i>meat</i>		<i>137 51</i>
	<i>Prod</i>		<i>3 60</i>
	<i>Grocs</i>		<i>18 31</i>
	<i>BIR 5062</i>		<i>159 42</i>
		<i>9115-5062-406</i>	<i>\$159.42</i>
		C/L NO.	
		CHECKED BY	

SALESMAN *DP*

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

DEPARTMENT *B/R* *July 29/72* *OCCIDENTAL MINERALS CORP.*

PURCHASE ORDER NUMBER _____ INVOICE NUMBER **29317** *11051* **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>1 lb</i>	<i>meat</i>		<i>5 34</i>
<i>4 lbs</i>	<i>produce</i>		<i>37 90</i>
<i>5 lbs</i>	<i>groceries</i>		<i>160 54</i>
<i>2 lbs</i>	<i>dairy</i>		<i>31 44</i>
<i>13</i>	<i>BIR-5062</i>		
		<i>9115-5062-406</i>	<i>\$235.22</i>
		C/L NO.	
		CHECKED BY	

SALESMAN
L.P.

TAYLOR & DRURY LIMITED

P.O. BOX 1169, Whitehorse, Y.T.

DEPARTMENT
14-1

July 27/72

Occidental Minerals

PURCHASE ORDER NUMBER
5062

INVOICE NUMBER
29446

11051 **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>4</i>	<i>5 gal. Naptha</i>	<i>7.25</i>	<i>29.00</i>
			<i>2.90</i>
			<i>26.10</i>
	<i>9115-5062-406 \$26.10 ✓</i>		

Order

G/L NO.
CHECKED BY

SALESMAN
T

TAYLOR & DRURY LIMITED

P.O. BOX 1169, Whitehorse, Y.T.

DEPARTMENT
()

Aug 17, 1972

*Order & Invoice Printed at
"501-161" Whitehorse, Y.T.
Taylor & Drury Ltd*

PURCHASE ORDER NUMBER
5062

INVOICE NUMBER
30726

11051 **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>1</i>	<i>free</i>		<i>1.32</i>
	<i>9115-5062-406 \$1.32 ✓</i>		

Order

G/L NO.
CHECKED BY

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

SALESMAN: *[Signature]*
DEPARTMENT: B.R. 11051 OCCIDENTAL PETROLEUM
BIR 5062

PURCHASE ORDER NUMBER: INVOICE NUMBER: **31038** **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
	PRODUCE AND BREAD		\$13.11
	9115-5062-406	\$13.11	
	OROK		
G/L NO.			
CHECKED BY			

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

SALESMAN: *[Signature]*
DEPARTMENT: B.R. 11051 Canadian Occidental

PURCHASE ORDER NUMBER: INVOICE NUMBER: **29574** **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
	Asoc		\$8.54
	9115-5062-406	\$8.54	
G/L NO.			
CHECKED BY			

SALESMAN

 DEPARTMENT
 17

TAYLOR & DRURY LIMITED
 P.O. BOX 1169, Whitehorse, Y.T.

Aug 11/72 C.D.W. Occidental

PURCHASE ORDER NUMBER INVOICE NUMBER 31072 11051 I

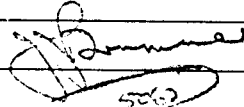
QUANTITY	ARTICLE	PRICE	AMOUNT
1	Seal. Naptha		7.25
			.73
			<u>6.52</u>
	BIR (5062)		
	Less 10%		
	9115-5062-406 = 6.52		
Phone Order		G/L NO.	
		CHECKED BY	

SALESMAN
 BC
 DEPARTMENT
 64

TAYLOR & DRURY LIMITED
 P.O. BOX 1169, Whitehorse, Y.T.


Aug. 16/72 Canadian Occidental Petroleum Ltd.

PURCHASE ORDER NUMBER INVOICE NUMBER 31260 11051 3070110 I

QUANTITY	ARTICLE	PRICE	AMOUNT
	groc		.82
	9115-5062-406 = .78		<u>4</u>
	Less		<u>78</u>
		G/L NO.	
		CHECKED BY	

SALESMAN		TAYLOR & DRURY LIMITED			
		P.O. BOX 1169, Whitehorse, Y.T.			
DEPARTMENT		<i>Canadian Occidental</i>			
<i>H1</i>		<i>(Bergroup)</i>			
PURCHASE ORDER NUMBER		INVOICE NUMBER		I	
		32159		<i>11051</i>	
QUANTITY	ARTICLE	PRICE	AMOUNT		
<i>2</i>	<i>2 gal. ...</i>	<i>725</i>	<i>21</i>	<i>70</i>	
			<i>2</i>	<i>18</i>	
	<i>allow 10%</i>		<i>19</i>	<i>57</i>	
	<i>9115-5062-406 - \$19.57</i>				
					G/L NO.
					CHECKED BY

SALESMAN		TAYLOR & DRURY LIMITED			
<i>BC</i>		P.O. BOX 1169, Whitehorse, Y.T.			
DEPARTMENT		<i>Canadian Occidental</i>			
<i>64 Aug 12/72</i>		<i>Petroleum Ltd.</i>			
PURCHASE ORDER NUMBER		INVOICE NUMBER		I	
<i>5062</i>		30784		<i>11051</i>	
QUANTITY	ARTICLE	PRICE	AMOUNT		
	<i>groc</i>		<i>1</i>	<i>13</i>	
	<i>9115-5062-406 - \$1.13</i>				
<i>[Signature]</i>					G/L NO.
<i>5062</i>					CHECKED BY

SALESMAN

 DEPARTMENT
 H.

TAYLOR & DRURY LIMITED
 P.O. BOX 1169, Whitehorse, Y.T.

July 27/72 Accidental Ret.

PURCHASE ORDER NUMBER		INVOICE NUMBER	11051		I
29298	29298				
QUANTITY	ARTICLE	PRICE	AMOUNT		
2	maple	725	1450		
			145		
	BITR 5062		1305		
	9115-5062-406	\$13.05			
	less 10%				
Order		G/L NO.			
		CHECKED BY			

SALESMAN
 DK
 DEPARTMENT
 41

TAYLOR & DRURY LIMITED
 P.O. BOX 1169, Whitehorse, Y.T.

July 27/72 Canadian Centennial

PURCHASE ORDER NUMBER		INVOICE NUMBER	11051		I
29295	29295				
5062	5062				
QUANTITY	ARTICLE	PRICE	AMOUNT		
1	ret		710		
			71		
	less 10%		639		
	9115-5062-406	\$6.39			
		G/L NO.			
		CHECKED BY			



British Columbia Industries Sales (1966) Limited

1180 WEST HASTINGS STREET
PHONE 682-1667

RECEIVED
MAY 18 1972
I. I. B.

VANCOUVER 1, B.C.
TELEX 04-54477

7

SOLD TO Canadian Occidental Petroleum Ltd. **DATE** 11 MAY 72
 Ste 801, 161 Eglinton Ave, East
 Toronto 12, Ontario
SHIPPED TO above % Bondar - Glegg & Co. Ltd.
 Industrial Road,
 Whitehorse, Yukon Terr.

INVOICE

S 47144
 Payable Upon Receipt of Invoice
TERMS:
SALES NET 30 DAYS
RENTALS IN ADVANCE

SHIPPED VIA CAN FR **NO. OF PARCELS** 2 **SHIPPER** JAD **CLERK** RLR **CASH CHARGE** ✓ **C.O.D.** **OUR ORDER NO.** 4647 **PURCHASE ORDER NO.**

QUANTITY		CAT. NO.	DESCRIPTION	SHIPPED	PRICE PER UNIT	AMOUNT	
ORDERED	UNIT						
4	only	96A-17	Prospector Picks	4	8.00	32	00
2	rolls	96A-04	Red Flagging Tape	2	7.25	14	50
1	only	20X	Magnifier	1			6.00
2	rolls	7-08	.003 Clear Acetate Film 40" x 100'	2	28.95	57	90
2	"	2111B	.0035M Arkatex Film 42" x 20	2	48.65	97	30
100	shk	2111B	10035M " " 8 1/2 x 11	100			17.15
3	only		Dusting Brushes	3	1.50		4.50
7	rolls	218-230	Scotch Draftape 1/2" x 60	7	1.95	13	65
4	"		Tuck Filament Tape 1/2" x 60	4	2.85	11	40
4	"	810	Magic Mending Tape 1/2" x 36	4	1.50		6.00
4	only		Zippy Cutters	4	1.25		5.00
7	btl's	1oz	Higgins Black Magic Ink	7	1.10		7.70
2	only	30/60 12"	Alpha Set Square	2	1.35		2.70
3	"	5570	Venec Small Bow Compass	3	4.45		13.35
							289.15
NOTICE					S.S. TAX		

Payable Upon Receipt of Invoice

PAY FROM INVOICE NO STATEMENT WILL BE SENT UNLESS REQUESTED

THIS IS YOUR INVOICE

TOTAL 289.15

OVERDUE ACCOUNTS SUBJECT TO INTEREST

MERCHANDISE RETURNED FOR CREDIT WILL NOT BE ACCEPTED UNLESS PREVIOUS ARRANGEMENTS HAVE BEEN MADE

9115-	5032	} 457.	8.46	-	24.29	
	42		6.3	-	18.22	
	52		16.7	-	48.29	
	62		30.1	-	87.03	
	72		8.1	-	23.42	
	82		12.0	-	34.70	
	32			12.0	-	34.70
	5102			6.4	-	18.50
					289.15	



BONDAR-CLEGG & COMPANY LTD.

geochemists • assayers • analytical chemists

768 A BELFAST ROAD (M.R. 1), OTTAWA 8, ONTARIO
PHONE: 237-3110 TELEX: 013-3548

7

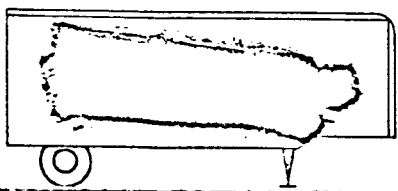
Canadian Occidental Petroleum Ltd.,
801 - 161 Eglinton Ave. E.,
Toronto 12, Ontario.

INVOICE: 4872
DATE: June 1, 1972
REPORT NO:
PROJECT:

Express charges as per attached Canadian Freightways
Waybill \$11.35



CUSTOMER DELIVERY COPY



BILLED AT
VANCOUVER
MENTION THIS NUMBER WHEN REMITTING
PRO NO. 090-261317
EQUIP NO. 33-77 RCB C.F. BILLING DATE MAY.12.72

8

CHARGES SUBJECT TO TARIFFS
IN EFFECT AT DATE OF BILLING

CONSIGNEE		STREET ADDRESS		INDUSTRIAL RD. WHITEHORSE, B.C.		STATION		DEST CODE	
CANADIAN OCCIDENTAL PETROLEUMS LTD.		C/O BONDAR-CLEGG & BO LTD.		32		32		32	
SHIPPER		STREET ADDRESS		ORIGIN (IF OTHER THAN BILLING POINT)		ORIGIN CODE		ACCT CODE	
B.C. INDUSTRIES						21		21	
ROUTE (CARRIERS' NAMES, INTERCHANGE POINTS, PRO NOS. AND BILLING DATES)				SHIPPER'S NO.		C.F. REVENUE		ADVANCE OR BEYOND	
				NS		11.35			
NO. PCS.	DESCRIPTION OF ARTICLES AND MARKS			WEIGHT	RATE	FREIGHT	C.O.D.	TOTAL CHARGES	
2	DRAFTING SUPPLIES IN # 547144 547145			70	M	11.35		11.35 COLL	

911 5 - 5032 - 459 - .95
5042 .71
5052 1.90
5062 3.42 ✓
5072 .92
5082 1.36
5092 1.36
5002 .73

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



- TENTS • TARPAULINS • SLEEPING BAGS
- CANVAS • "FABRENE" • CUSTOM MANUFACTURING

7

OLD TO
Canadian Occidental Petroleum,
Suite 801,
161 Eglinton Ave. E.,
TORONTO, Ontario.

SHIPPED TO
Loiselle Transport, Edmonton,
For Furtherance to
Bondar Clegg Labs.
Whitehorse, Yukon.
VIA Intercity

INVOICE DATE July 28/72	SALESMAN	YOUR ORDER NO.	OUR ORDER NO. 12335	DATE SHIPPED July 28/72	F.O.B. North Bay	PPD <input type="checkbox"/>	COLL <input checked="" type="checkbox"/>
----------------------------	----------	----------------	------------------------	----------------------------	---------------------	------------------------------	--

QTY. ORDERED	DESCRIPTION	QTY. SHIPPED	PRICE	AMOUNT
6 only	Tent liners of Fabrene C Clear	6	45.36	272.16
	9115-5152-5032-459-26.86			
	-5042- " - 20.15			
	-5052- " - 53.41			
	-5062- " - 46.27			
	-5072- " - 25.90			
	-5082- " - 35.38			
	-5092- " - 35.38			
	-5102- " - 20.47			
	319.82			
1 only	Fabrene Packing Case credited on return			15.00
	B. Cook Chg #200			319.82

RECEIVED
JUL 31 1972
J. J. B.

12% F.S.T.

P.S.T. Exempt

[Signature]

FEDERAL SALES TAX LIC. NO.	PROV. SALES TAX LIC. NO.	TERMS Net 30 Days	TAX
----------------------------	--------------------------	----------------------	-----

1703

TOTAL 319.82

INVOICE

DECLARED VALUATION \$ 315.00 MAXIMUM LIABILITY \$1.50 PER POUND
(SEE CONDITION 10 ON BACK) UNLESS DECLARED VALUATION STATES OTHERWISE

SHIPPER Canadian Can-Tex CARRIER [Signature]
PER [Signature] PER [Signature]
(THIS BILL OF LADING IS TO BE SIGNED BY THE SHIPPER AND CARRIER)

TA-1X Rev. 5/65 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, B.C. CANADA **Express Airbill** Non-negotiable **018-17439962 X**

Shipper **Canadian Occidental Petroleum Ltd.** Consignee **Canadian Occidental Petroleum Ltd.**

Street Address **Suite 801, 161 Eglinton Ave. E** Street Address **Whitehorse**

City **Toronto** Zone **12** Province **Ont.** City **Whitehorse** Zone **W** Province **Yukon Territory**

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.

X *Sanders* \$ **NVD** **Insurance Requested** **Prepaid** **Collect XXXXX**

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

Pieces	Description Of Contents Including Methods Of Packing And Dimensions	Weight In Lbs.	Rate Class	Item No.	Rate	Weight Charge
3	map tubes	900				81.35
1	metal box					
1	cardboard box					

PHONED
CARD
DATE
AGENT

Instructions To Carrier **XXXXXXXXXXXXXXXXX HOLD ON ARRIVAL**
CHIEF SHIPPER

Mo.	Day	Yr.	Rec.	Agt.	Cy.	Revenue	Interline	C.O.D.	Wt.	Wt. Chgs.	Rte	Cl.
									1			

Stn. **444** Date **02/06** Consignee - Goods Received In Good Order And Condition Except As Noted: Other (Specify)

Signature *Portne Watson* Date **02/06/72** Time **1000** 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 **YYZ-67-9-9310** Agent *Brian* Date **May 26/72** Time **X/A 509** Total Charges **81.35**

X 2966817439962 2 If Prepaid - Attach To Cargo Sales Report If Collect - Accompanies Shipment - Attach To C.S.R. If Charge Account

RECEIVED CP Air
11/11/72
Shipping Department, Vancouver Airport, B.C.
20-109-9421
J. J. B. 192583
Canadian Occidental Petroleum Ltd.
Suite 801
161 Eglinton Avenue, East
Toronto 12, Ontario

ref.	Document Reference	Inv. Date	Amount
09	018-17439962	Toronto-Whitehorse June 12/72	81.35

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

Date: _____
C.P. Air 192583
15-5182 - 503A - 460 - 6.83
- 504A - .. - 5.13
- 505A - .. - 13.58
- 506A - .. - 24.49
- 507A - .. - 6.59
- 508A - .. - 9.76
- 509A - .. - 9.76
- 510A - .. - 5.21
\$ 81.35

CPA's Invoices

2/5/72

356170 - \$25.00
 # 356173 - 27.20
 # 356038 - 34.75
 86.95

9115 - 5032 - 459 - 7.30
 - 5042 - " - 5.48
 - 5052 - " - 14.52
 - 5062 - " - 26.17 ✓
 - 5072 - " - 7.04
 - 5082 - " - 10.44
 - 5092 - " - 10.44
 - 5102 - " - 5.56
 \$ 86.95

Chg # 243

Invoice / Statement



Canadian Pacific Air Lines, Limited

Country Code	Flight/Day	Flight/Day
	32/27/00/72	
Origin	Flight/Day	Flight/Day

018-00462221



CP Air Cargo Office P.O. Box 69, Toronto A.M.F., Ontario 356173

Not Negotiable

Air Waybill

(Air Consignment Note)

Issued by

Canadian Pacific Air Lines, Limited, Vancouver, B.C., Canada
Member of International Air Transport Association

If the carriage involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers in respect of loss of or damage to cargo. Agreed stopping places are those places (other than the places of departure and destination) shown under requested routing and/or those places shown in carriers' timetables as scheduled stopping places for the route. Address of first carrier is the airport of departure.
SEE CONDITIONS ON REVERSE HEREOF.

The shipper certifies that the particulars on the face hereof are correct and agrees to the CONDITIONS ON REVERSE HEREOF.

SIGNATURE OF SHIPPER

Canadian Occidental
Suite 801
161 Eglinton Ave. E.
Toronto, Ontario

CP Air Ref.	Document Reference	Inv. Date	Amount
1088	018-00462221	Aug.22	27.20

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

Chq # 243

BY BROKER/AGENT

Carrier certifies goods described below were received for carriage subject to the CONDITIONS ON REVERSE HEREOF, the goods then being in apparent good order and condition except as noted hereon.

Aug 17/72 12.30 Whitehorse Yukon Ter
EXECUTED ON (Date) AT (Place)

LSitendall
SIGNATURE OF ISSUING CARRIER OR ITS AGENT

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked "amount of insurance."

4/ Issuing Carrier's Agent, Account No. Issuing Carrier's Agent, Name And City
Agent's IATA Code

5/ Currency Declared value for carriage Declared value for customs Amount of insurance
USD nil nil

Weight charge and valuation charge Prepaid Collect All other charges at origin Prepaid Collect Accounting information

No. of Packages RCP	Actual Gross Weight	kg / lb.	Rate Class	Commodity Item No.	Chargeable Weight	Rate/Charge	Nature and quantity of goods (incl. dimensions or volume)
1	55				55	.44	Carton Rock samples

7/ Prepaid Weight Charge Prepaid Valuation Charge Total Other Prepaid Charges Due Carrier Due Agent Total Prepaid

R Other Charges (except weight charge and valuation charge) Insurance Charge: Cartage Charge: 3.00 Collect Charges In Destination Currency

S COD Amount 24.70

T Total Charges 3.00

8/ Collect Weight Charge Collect Valuation Charge Total Other Collect Charges Due Carrier Due Agent COD Amount Total Collect 27.20

Handling Information
These Commodities licensed by U.S. for ultimate destination. Diversion contrary to U.S. law prohibited.

"In The Event That This Air Waybill Is Used As A Complete Shipping Document From The Vendor To The Purchaser, Carriage Of Goods In Canada Other Than By Air Is Subject To The Terms And Conditions Contained In The Tariffs Of The Individual Canadian Surface Carrier And Is Not Governed By The Terms And Conditions Of The Air Carrier's Tariffs."

07/19 SELECT CHARGES BE INVOICED SIGNEE
C.P. AIR DELIVERED
1088

TAX Rev. 8'69 to governing classifications and tariffs in effect as of the date hereof which are filed in accordance with law. Said classifications and tariffs 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

CPAir VANCOUVER, B.C. CANADA **Express Airbill** Not Negotiable 018-14 047983X

Shipper: **CANADIAN OCCIDENTAL PETROLEUM** Consignee: **A CANADIAN OCCIDENTAL PETROLEUM**

Street Address: **801-161 EGLINGTON AVE. E.** City: **TORONTO** Zone: **ONT.** Province: **ONT.**

City: **TORONTO** Zone: **ONT.** Province: **ONT.** City: **WHITEHORSE** Zone: **YUKON** Province: **YUKON**

Shipper Must Sign Noting Conditions Of Carriage Above Declared Value For Carriage is **NVD** 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

Pieces	Description Of Contents Including Methods Of Packing And Dimensions	Weight In Lbs.	Rate Class	Item No.	Rate	Weight Charge
1	Box Soil Sample Cards	35 lbs				34.75
						Valuation Charge
						Insurance Premium And Charge
						Pick-Up Charges
						Delivery Charge
						Ppd Beyond Or Charges Advanced
						Other (Specify)

Instructions To Carrier: **Notify Receiver Management on arrival.**

Cash	Charge	Mo.	Day	Yr.	Rec. Agt.	Cy.	Revenue	Interline	C.O.D.	Wt.	Wt. Chgs.	Rte	Cl.
<input type="checkbox"/>	<input checked="" type="checkbox"/>									1			

Consignee - Goods Received In Good Order And Condition Except As Noted: **1085**

Goods Received In Apparent Good Order (Except As Noted) By **CPAir** At: Shippers Door City Terminal Airport

CP Office: **YYZFCP** Agent: **[Signature]** Date: **21 Aug.** Time: **[Time]**

X: **018-14047983** 6 Extra Copy

Invoice / Statement



Canadian Pacific Air Lines, Limited

CP Air Cargo Office P.O. Box 69, Toronto A.M.F., Ontario **356038**

Canadian Occidental Petroleum
801-161 Eglinton Ave. E.
Toronto, Ontario

CP Air Ref.	Document Reference	Inv. Date	Amount
1085	018-14047983	Aug.22	34.75

This Is Both An Invoice And A Statement, Please Pay On This Document Due In 7 Days. **Chg #243**

Invoice / Statement



Canadian Pacific Air Lines, Limited

CP Air Cargo Office P.O. Box 69, Toronto A.M.F., Ontario 356170

Cur'ry Code	For Carrier Use Only	
	Flight / Day	Flight / Day
	022/18	
Origin	Flight / Day	Flight / Day

018-00462372



Not Negotiable

Air Waybill

(Air Consignment Note)

Issued by

Canadian Pacific Air Lines, Limited, Vancouver, B.C., Canada
Member of International Air Transport Association

If the carriage involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers in respect of loss of or damage to cargo. Agreed stopping places are those places (other than the places of departure and destination) shown under requested routing and/or those places shown in carriers' timetables as scheduled stopping places for the route. Address of first carrier is the airport of departure.
SEE CONDITIONS ON REVERSE HEREOF.

The shipper certifies that the particulars on the face hereof are correct and agrees to the CONDITIONS ON REVERSE HEREOF.

SIGNATURE OF SHIPPER

BY BROKER/AGENT

Carrier certifies goods described below were received for carriage subject to the CONDITIONS ON REVERSE HEREOF, the goods then being in apparent good order and condition except as noted hereon.

18/08/72 05 0935 AT Whit horse, Yukon.

SIGNATURE OF ISSUING CARRIER OR *R. Sinigan.*

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked "amount of insurance."

RECEIVED

Canadian Occidental Petroleum Ltd
Suite 801-161 Eglinton Ave. E.
Toronto, Ontario

CP Air Ref.	Document Reference	Inv. Date	Amount
1088	018-00462372	Aug.22	25.00

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

Chg # 243

4/	Issuing Carrier's Agent, Account No.	Issuing Carrier's Agent, Name And City
		CP Air Cargo, Whit horse, Yukon.
	Agent's IATA Code	
	71-92015	

5/	Currency	Declared value for carriage	Declared value for customs	Amount of insurance
	CAD	USD	N/A	NIL

6/	Weight charge and valuation charge		All other charges at origin		Accounting information	Commodity Item No.	Chargeable Weight	Rate/Charge	Nature and quantity of goods (incl. dimensions or volume)
	Prepaid	Collect	Prepaid	Collect					
	1	30					22.00		Sack Rock Samples.

7/	Prepaid Weight Charge	Prepaid Valuation Charge	Total Other Prepaid Charges
	1	30	

R	Other Charges (except weight charge and valuation charge)	Carriage Charge
		Del. 3.00

8/	Collect Weight Charge	Collect Valuation Charge	Total Other Collect Charges
	22.00		3.00

07/19
COLLECT CHARGES WILL BE INVOICED
DIRECT TO CARRIER
VIA CP AIR DELIVERY
1088

22.00	Total Charges
3.00	Total Collect
25.00	

These Commodities licensed by U.S. for ultimate destination

Diversion contrary to U.S. law prohibited.

"In The Event That This Air Waybill Is Used As A Complete Shipping Document From The Vendor To The Purchaser, Carriage Of Goods In Canada Other Than By Air Is Subject To The Terms And Conditions Contained In The Tariffs Of The Individual Canadian Surface Carrier And Is Not Governed By The Terms And Conditions Of The Air Carrier's Tariffs."

ALUMINUM
MAGNESIUM



INVOICE NO. 751-72

7

STAINLESS STEEL

DATE June 8/72

DOMINION ALUMINUM FABRICATING LIMITED

136 THE EAST MALL

TORONTO 18, ONTARIO

TELEX 02-29029

TELEPHONE (416) 239-4855

SOLD TO: Canadian Occidental Petroleum Ltd.,
Suite 801,
161 Eglinton Avenue E.,
Toronto 12, Ontario.

SHIP TO:

J. J. B.
JUN 15 1972

SHIPPING INSTRUCTIONS

DEVI

PLEASE REFER TO JOB NO.

72-269-04

VIA

YOUR ORDER NUMBER

Dr. Brummer

ORDER DATE

May 4/72

FEDERAL SALES TAX

12%

PROVINCIAL SALES TAX

N/A

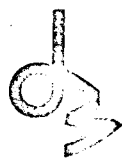
TERMS

Net 30

ITEM	QTY ORDERED	QTY SHIPPED	QTY BACK ORD		PRICE	AMOUNT
	1	1		Fabrene "Blue" Tarp 10' x 12' with grommets on 18" centres on 10 ft. sides only.		\$ 25.40
					12% F.S.T.	<u>3.05</u>
				<u>Delivery: On or before May 18/72</u>		\$ 28.45
				Complete		<u><u> </u></u>
<p>9115-5182-5032-459 - \$2.39</p> <p>-5042 " - 1.79</p> <p>-5052 " - 4.75</p> <p>-5062 " - 8.56</p> <p>-5072 " - 2.30</p> <p>-5082 " - 3.42</p> <p>-5092 " - 3.42</p> <p>-5102 " - 1.82</p> <p><u>\$ 28.45</u></p> <p><i>Brummer</i></p> <p>B Cook</p>						

INVOICE

7



FACTURE - INVOICE

DRUMMOND BUSINESS FORMS LTÉE LTD.

CASIER POSTAL 220 - P.O. BOX 220
189, RUE ST-HENRI ST., DRUMMONDVILLE, QUÉ.

RECEIVED

JUN 17

J. J. E.

NO CLIENT CUSTOMER NO.	06076	DATE	JR DAY	MO.	AN YEAR	NO PAGE NO.	1	NO FACTURE INVOICE NO.	T-1938
			7	6	72				

VENDU À
SOLD TO

Canadian Occidental Petroleum Ltd.,
161 Eglinton Ave. East,
Toronto, Ontario.

EXPÉDIÉ À
SHIP TO

SAME

QUANTITÉ COMMANDÉE QUANTITY ORDERED	EXPÉDIER VIA NOTRE CAMION SHIP VIA OUR TRUCK	NOTRE COMM. OUR ORDER NO.	VOTRE NO COMM. YOUR ORDER NO.	NO DE RÉQ. REQ. NO.	CODE TAX	NO LIC. TAXE FÉD. FED. TAX LIC. NO.	NO LIC. TAXE PROV. PROV. TAX LIC. NO.	NO VENDEUR SALESMAN NO.
7,000	Our Truck	T-278			800			263

QUANTITÉ EXPÉDIÉE QUANTITY SHIPPED	DESCRIPTION	PRIX PRICE (M)	MONTANT AMOUNT
7,000	1 Part 5 x 8-15/16 Readiset Soil Cards	32.14	224.98
264.58			
154.81	Federal Sales Tax - 12%		27.00
\$419.39	Provincial Sales Tax - 5%		12.60
	Total		264.58
9	5032-460 - \$35.23		
	-5092 - " - 26.42		
	-5052 - " - 70.04		
	-5062 - " - 126.23 ✓		
	-5072 - " - 33.97		
	-5082 - " - 50.33		
	-5092 - " - 50.33		
	-5102 - " - 26.84		
	Manufactured in Orangeville, Ontario.		
	<i>Colgany 15/6/72</i>		



FACTURE - INVOICE

DRUMMOND BUSINESS FORMS LTÉE

CASIER POSTAL 220 - P.O. BOX 220
189, RUE ST-HENRI ST., DRUMMONDVILLE, QUE.

RECEIVED

NO CLIENT CUSTOMER NO.	06076	DATE	JR DAY	NO.	AN YEAR	NO PAGE NO.	1	NO FACTURE INVOICE NO.	T-1937
			7	6	72				

VENDU A
SOLD TO

Canadian Occidental Petroleum Limited,
161 Eglinton Ave. East,
Toronto, Ontario.

EXPÉDIÉ A
SHIP TO

SAME

QUANTITÉ COMMANDEE QUANTITY ORDERED	EXPÉDIER VIA NOTRE CAMION SHIP VIA OUR TRUCK	NOTRE COMM OUR ORDER NO.	VOTRE NO COMM. YOUR ORDER NO.	NO DE RÉQ. REQ. NO.	CODE TAX	NO LIC. TAXE FÉD FED. TAX LIC. NO.	NO LIC. TAXE PROV. PROV. TAX LIC. NO.	NO VENDEUR SALESMAN NO.
3,000	Our Truck	T-277			800			263

QUANTITÉ EXPÉDIÉE QUANTITY SHIPPED	DESCRIPTION	PRIX PRICE (M)	MONTANT AMOUNT
3,000	2 Part 5 x 8-15/16 Readiset Stream Sediment Cards	43.88	<u>131.64</u>
	Federal Sales Tax - 12%		15.80
	Provincial Sales Tax - 5%		<u>7.37</u>
	Total		154.81

Manufactured in Orangeville, Ontario.

Calgary 15/6/72

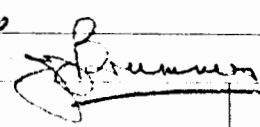
9115-5182 - 5032 - 459 - \$13.99
 - 5042 - " - 10.49
 - 5052 - " - 27.80
 - 5062 - " - 50.12 ✓
 - 5072 - " - 13.49
 - 5082 - " - 19.98
 - 5092 - " - 19.98
 - 5102 - " - 10.66

Chg 159

7

\$ 166.52

B. Cook

QUAN		DESCRIPTION	EACH	PRICE
4		Alum Bases std construction - brass hardware 24" x 12" x 10" with cover		\$141.60
		Fed. Sales Tax		16.99
		Prov. Sales Tax		7.93
		SALP FXIFS, CHARGES COLLECT		
		Kleene projects		
				
PAGE NO		TIME PROMISED	SERVICES	TOTAL
				\$166.52

Francis

FOR SERVICE DIAL 232-2601

H. G. FRANCIS AND SONS LIMITED

PLUMBING - HEATING - SHEET METAL WORK - FUEL OIL - LOCALLY OWNED SINCE 33

508 GLADSTONE AVE. OTTAWA, ONTARIO J. J. B.

K1R 5P1

NAME Canadian Occidental Petroleum Ltd
 161 Eglinton Ave Suite 801
 Toronto Ont

INVOICE

WORK ORDER S-37164

INVOICE NUMBER

INVOICE DATE

JOB DATE May 5 1972

TEL NO

ORDER NO Dr. Drummell

RECEIVED

SHOP WORK ORDER



STATEMENT OF CHARGES
RELEVÉ DE COMPTE

TORONTO 116, ONT.

CANADIAN ACCIDENTAL PETROLEUM
161 EGLINTON AVE. EAST
SUITE 801
TORONTO ONT.

AMOUNT PAID
MONTANT PAYÉ

\$	
----	--

ACCOUNT DATE - DATE DU RELEVÉ
JUN -6 72

DATE	WAYBILL OR CONTRACT CONTRAT DE TRANSPORT NO	CODE	P.W	CHARGES FRAIS
	328.673	JUN-6 72		5.00
9115-5182-5032-459 -		42		
-5042 " -		.32		
-5052 " -		.84		
-5062 " -		1.50		
-5072 " -		.40		
-5082 " -		.60		
-5092 " -		.60		
-5102 " -		.32		
		<u>5.00</u>		

B. Cook

TERMS 7 DAYS

PAYABLE A 7 JOURS

MAKE CHEQUES PAYABLE TO
CANADIAN NATIONAL RAILWAYS
AND FORWARD TO:
TERMINAL TRAFFIC MANAGER
CANADIAN NATIONAL RAILWAYS
P.O. BOX 760
TERMINAL "A"
TORONTO 116, ONTARIO

FAIRE LES CHEQUES A L'ORDRE DES
CHEMINS DE FER
NATIONAUX DU CANADA
ET LES ADRESSER AU:
DIRECTEUR DU TRAFFIC
CHEMINS DE FER
NATIONAUX DU CANADA
CASE POSTALE 760
TERMINUS "A"
TORONTO 116, ONTARIO

RECEIVED
JUN 14 1972

J. J. B.

PAID
JUN 28 1972

- NOTE:
- IF ANY DELETIONS ARE MADE PLEASE RETURN WAYBILLS OR CONTRACTS COVERING THESE.
JUSTIFIER TOUTE SUPPRESSION EN RENVOYANT LE CONTRAT DE TRANSPORT.
 - PLEASE RETURN LAST COPY OF STATEMENT WITH YOUR PAYMENT.
RENOYER LE DERNIER EXEMPLAIRE DE CE RELEVÉ AVEC VOTRE PAIEMENT.
 - PLEASE PAY LAST AMOUNT SHOWN IN THIS COLUMN.
VEUILLEZ PAYER LE DERNIER MONTANT INDiqué.

BILLING POINT - LIEU DE FACTURATION OTTAWA, ONT.		POINT OF ORIGIN - LIEU D'ORIGINE		DATE 18 MAY 2		CONTRACT NO. - CONTRAT NO 328 673	
CONSIGNEE - DESTINATAIRE CDN ACCIDENTAL PETROLEUM				ROUTE NO. PARCOURS NO		CHARGES	
STREET ADDRESS - RUE ET NUMERO 161 EGLINTON AVE SUITE 801				VALUATION EVALUATION		ADVANCE AVANCE	
DESTINATION CITY OR TOWN - VILLE TORONTO ONT				WEIGHT POIDS		MISC. DIVERS	
TOTAL PCS. Nbre COLIS 1		DESCRIPTION - DESIGNATION BDLE		RATE TARIF		VALUE SUPPL. VAL.	
PCS. P.L. GROS COLIS		DIMENSIONS		F. LCL P. FRET DETAIL		BASIC PRIX DE BASE	
SHIPPER AND ADDRESS EXPÉDITEUR - NOM ET ADRESSE HG FRANCIS SONS LTD		TOTAL CUBIC FT. VOLUME (PIEDS CUBES)		DIN. WEIGHT POIDS TALE		PIECE SUPPL. COLIS	
CN EXPRESS MESSAGERIES		T. TRUCK T. CAMION		F. LCL P. FRET DETAIL		TOTAL	
COLLECT 3 PORT DO BILL 3 FACTURE		RECEIVED ABOVE ARTICLES - RECU LES ARTICLES CI-HAUT		MAY 23 1972		AMOUNT MONTANT	
						FEE DROIT	
						TOTAL	



THE **Hughes-Owens** COMPANY (LIMITED)

REMIT TO
P.O. BOX 2200
ST. LAURENT POST OFFICE
MONTREAL 307, P.Q.
D-U-N-S 202215273
PLEASE QUOTE

FOR SHIPPING BRANCH REFER TO BRANCH CODE ON REVERSE SIDE OF INVOICE

BR.	AREA & IND.	CUSTOMER NO.	SLSM#	OUR ORDER NO.	SALES TAX LICENCE FEDERAL	PROVINCIAL	INVOICE DATE DAY	MO.	YR.	INVOICE NUMBER
12	3	41575	41	12236	/NCL		21	06	72	12-856526
CUSTOMER ORDER NO. AND DATE DAY MO. YR.				YOUR REQUISITION NO.	VIA	F.O.B.	SHIPPING DATE			
12 06 72					DELIVERY		12/06			

SOLD TO
CANADIAN OCCIDENTAL PETROLEUM
SUITE 801
161 EGLINTON E
TORONTO ONT

SHIP TO
MR B COOK

QUANTITY SHIPPED	UNIT DESC.	ITEM NO.	DESCRIPTION	SELLING PRICE	% DISC.	AMOUNT
3	EA	359 3025	RANGER 15 COMPASS	16.95	.0	50.85
		115-5182-5032-459	4.27	4.48		
		-5042	3.20	3.36		
		-5052	8.19	8.72		
		-5062	15.37	16.07		
		-5072	4.12	4.32		
		-5082	6.10	6.41		
		-5092	6.10	6.41		
		-5102	3.26	3.42		
			# 50.85	53.39		

B Cook

J. J. B.

[Signature]

RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	TERMS	SERVICE CHARGE ON OVERDUE ACCOUNTS	PAY THIS AMOUNT
	.00		.00	B 5	2.54		.00	NET 30 DAYS	1 1/2% PER MONTH.	53.39
FEDERAL TAX		TAX REBATE		PROVINCIAL TAX		TRANSPORT		INVOICE		

ADDRESS
P.O. BOX 4040
WHITEHORSE, Y.T.

TELEPHONE
667-4357

HORWOOD'S OFFICE SUPPLY LTD.

209 MAIN STREET, WHITEHORSE, Y.T.

SOLD TO *Canadian Occidental*
Ste. 801 161 Eglinton Ave. E.
Toronto 12, Ontario

SHIPPED TO

INVOICE DATE <i>July 27/72</i>	SALESMAN	YOUR ORDER NO.	OUR ORDER NO.	DATE SHIPPED	F.O.B.	PPD <input type="checkbox"/>	COLL <input type="checkbox"/>
-----------------------------------	----------	----------------	---------------	--------------	--------	------------------------------	-------------------------------

QTY. ORDERED	BACK ORDERED	DESCRIPTION	QTY. SHIPPED	PRICE	AMOUNT
	<i>100</i>	<i># 10 Pl. Envelope</i>			<i>1.75</i>
		<i>less 10%</i>			<i>.17</i>
					<i>1.58</i>
<i>9115-</i>	<i>5062 - 459</i>	<i>\$ 1.58</i>			
<i>Chg #</i>	<i>262 (#273)</i>				
		<i>Judy Williams (5062)</i>			

FEDERAL SALES TAX LIC NO.	PROV. SALES TAX LIC NO.	TERMS	TAX
---------------------------	-------------------------	-------	-----

K15 10
A2357

E. & O. E.

TOTAL

INVOICE

MAILING ADDRESS
P.O. BOX 4040
WHITEHORSE, Y.T.

TELEPHONE
667-4357

HORWOOD'S OFFICE SUPPLY LTD.

209 MAIN STREET, WHITEHORSE, Y.T.

SOLD TO

SHIPPED TO

RECEIVED

Canadian Occidental Petroleum
Ste. 801 161 Eglinton Ave. E.
Toronto 12, Ontario VIA

INVOICE DATE <i>Aug. 12/72</i>	SALESMAN	YOUR ORDER NO.	OUR ORDER NO.	DATE SHIPPED	F.O.B.	PPD <input type="checkbox"/>	COLL <input type="checkbox"/>
-----------------------------------	----------	----------------	---------------	--------------	--------	------------------------------	-------------------------------

QTY. ORDERED	BACK ORDERED	DESCRIPTION	QTY. SHIPPED	PRICE	AMOUNT
	2	<i>1 1/2 masking tape</i>		<i>2.20</i>	<i>4.40</i>
	2	<i>5/8" " " "</i>		<i>1.00</i>	<i>2.00</i>
	4	<i>Max Mils</i>		<i>3.75</i>	<i>14.00</i>
					<i>26.40</i>
					<i>less 10%</i>
					<i>2.04</i>
					<i>18.36</i>
<i>9115-5062-459 - \$18.36</i>					
<i>Chg # 270</i>					
<i>Judy Williams (5062)</i>					

FEDERAL SALES TAX LIC NO.	PROV. SALES TAX LIC NO.	TERMS	TAX
---------------------------	-------------------------	-------	-----

K15 10
2560

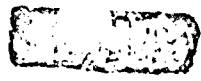
E. & O. E.
[Signature]

TOTAL >

INVOICE



HOUGEN'S



WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NO. 181-725
 NAME Canadian Occidental
 ADDRESS _____
 YOUR P.O. No. _____

DEL. INST. _____ DATE Aug 22/72
 WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
<u>5</u>	<u>27</u>		<u>X</u>			

EACH	MOSE. CODE	AMOUNT
<u>1. 2 pkgs batteries</u>	<u>534</u>	<u>000.80 MDS</u>
<u>2.</u>	<u>534</u>	<u>000.80 MDS</u>
<u>3.</u>		<u>01817.25</u>
<u>4. 2227545</u>		<u>27001.60</u>
<u>5.</u>		
<u>6. 1080</u>		<u>16</u>
<u>7.</u>		<u>144</u>
<u>8.</u>		
<u>9. 9115-5062-459</u>		<u>\$1.44</u>
<u>10.</u>		
<u>X Judy Williams (5062)</u>		<u>AMOUNT</u>

ACCOUNT DUE 15th OF FOLLOWING MONTH.
 1 1/2% PER MONTH ON PAST DUE BALANCE.



HOUGEN'S



WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NO. _____
 NAME _____
 ADDRESS _____
 YOUR P.O. No. _____

DEL. INST. _____ DATE _____
 WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.

EACH	MOSE. CODE	AMOUNT
<u>1.</u>		
<u>2.</u>		
<u>3. 1 Silva Compass</u>		
<u>4.</u>		
<u>5.</u>		
<u>6.</u>		
<u>7.</u>		
<u>8.</u>		
<u>9.</u>		<u>17.95</u>
<u>10.</u>		
<u>X</u>		<u>AMOUNT</u>

ACCOUNT DUE 15th OF FOLLOWING MONTH.
 1 1/2% PER MONTH ON PAST DUE BALANCE.

PHONE 305 MAIN STREET

08-5677



HOUGHTENS

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCT
N
O.
NAME

A
D
D.

YOUR P.O. No.

DEL. INST.

D
A
T
E

WHERE BUDGET OR CONTRACT IS CHECKED
MY PURCHASE IS MADE UNDER MY MASTER
AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.

EACH	MOSE. CODE	AMOUNT
1.		5.34
2.		
3. 6 Tea Towels @ \$.89 ea		
4.		
5.		
6.		
7.		
8.		
9.		4.81
10. 9115-5062-459-#4.81		
X		AMOUNT

CUSTOMER'S SIGNATURE

ACCOUNT DUE 15th OF FOLLOWING MONTH.
1 1/2% PER MONTH ON PAST DUE BALANCE.



HOUGEN'S

WHITEHORSE, YUKON BRANCH: FARO, YUKON

27-3000

ACCOUNT NAME
 ADDRESS
 YOUR P.O. No.

DEL. INST. DATE
 WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH		MOSE. CODE	AMOUNT
1.			
2.	4 batteries		2.50
3.			2.50
4.			2.50
5.			2.20
6.			
7.			9.70
8.			-97
9.	9115-5062-459- <u>\$8.73</u>		
10.			
X			8.73
CUSTOMER'S SIGNATURE			AMOUNT

ACCOUNT DUE 15th OF FOLLOWING MONTH.
 1½% PER MONTH ON PAST DUE BALANCE.



HOUGEN'S

WHITEHORSE, YUKON BRANCH: FARO, YUKON

07-3676

ACCOUNT NAME
 ADDRESS
 YOUR P.O. No.

DEL. INST. DATE
 WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH		MOSE. CODE	AMOUNT
1.			11.95
2.	1 pack board @ \$11.95		
3.			
4.			1.20
5.	10% Disc		
6.			
7.			
8.			
9.	9115-5062-459- <u>\$10.75</u>		
10.			
X			10.75
CUSTOMER'S SIGNATURE			AMOUNT

ACCOUNT DUE 15th OF FOLLOWING MONTH.
 1½% PER MONTH ON PAST DUE BALANCE.



PHONE 667-4222 - 305 MAIN STREET

HOUGEN'S

3-228-2

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NAME
 ADDRESS
 YOUR P.O. No.

DEL. INST. DATE
 WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	MOSE CODE	AMOUNT
1.		
2.		2.29
3.		-23
4.		
5.		
6.		2.06
7.		
8.		
9.		
10.		
X		AMOUNT

CUSTOMER'S SIGNATURE

ACCOUNT DUE 15th OF FOLLOWING MONTH.
1 1/2% PER MONTH ON PAST DUE BALANCE.



PHONE 667-4222 - 305 MAIN STREET

HOUGEN'S

01-2540
5.2.55

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NAME
 ADDRESS
 YOUR P.O. No.

DEL. INST. DATE
 WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	MOSE CODE	AMOUNT
1.		
2.		4950
3.		
4.		
5.		4.95
6.		
7.		
8.		
9.		
10.		44.55
X		AMOUNT

CUSTOMER'S SIGNATURE

ACCOUNT DUE 15th OF FOLLOWING MONTH.
1 1/2% PER MONTH ON PAST DUE BALANCE.



HOUGLENS



WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NO. _____
 NAME _____
 ADDRESS _____
 YOUR P.O. No. _____

DEL. INST. _____ DATE _____
 WHERE BUDGET OR CONTRACT IS CHECKED
 MY PURCHASE IS MADE UNDER MY MASTER
 AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	MOSE. CODE	AMOUNT
1. 1	1/2" tape	
2. 1	1/2" tape	1.00
3.		2.50
4.		
5.		3.50
6.		
7.		-35
8.		3.00
9.	9115-5062-459	3.15 ✓
10.		
X		AMOUNT

CUSTOMER'S SIGNATURE _____

ACCOUNT DUE 15th OF FOLLOWING MONTH.
 1 1/2% PER MONTH ON PAST DUE BALANCE.



HOUGLENS

S 3,252

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NO. _____
 NAME _____
 ADDRESS _____
 YOUR P.O. No. _____

DEL. INST. _____ DATE _____
 WHERE BUDGET OR CONTRACT IS CHECKED
 MY PURCHASE IS MADE UNDER MY MASTER
 AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	MOSE. CODE	AMOUNT
1. 1	Hest	
2.		1.75
3.		
4.		
5.		
6.		
7.		
8.	9115-5062-459	1.75 ✓
9.		
10.		
X		1.75
		AMOUNT

CUSTOMER'S SIGNATURE _____

ACCOUNT DUE 15th OF FOLLOWING MONTH.
 1 1/2% PER MONTH ON PAST DUE BALANCE.



HOLLERS

\$ 297.20

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NAME

ADD.

YOUR P.O. No.

DEL. INST.

DATE

WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	MOSE CODE	AMOUNT
1.		1.59
2.	1 rubber gloves	
3.		
4.		
5.	Disc	16
6.		
7.		1.43
8.		
9.	9115-5062-459- 1.43	1.43 ✓
10.		
X		AMOUNT

CUSTOMER'S SIGNATURE

ACCOUNT DUE 15th OF FOLLOWING MONTH.
11% PER MONTH ON PAST DUE BALANCE.



HOLLERS

\$ 290.66

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NAME

ADD.

YOUR P.O. No.

DEL. INST.

DATE

WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	MOSE CODE	AMOUNT
1.		
2.	1 Lamp Case	8.50
3.		
4.		
5.		
6.	Disc	.85
7.		
8.	9115-5062-459- 7.65	7.65 ✓
9.		
10.		
X		AMOUNT

CUSTOMER'S SIGNATURE

ACCOUNT DUE 15th OF FOLLOWING MONTH.
11% PER MONTH ON PAST DUE BALANCE.

PHONE 667-4222 - 305 MAIN STREET



WHITEHORSE, YUKON

\$ 30401

WHITEHORSE, YUKON BRANCH: FARO, YUKON

ACCOUNT NAME

ADDRESS

YOUR P.O. No.

DEL. INST.

DATE

WHERE BUDGET OR CONTRACT IS CHECKED MY PURCHASE IS MADE UNDER MY MASTER AGREEMENT OF THAT TYPE.

DEPT. No.	CLERK	CASH	CHARGE	BUDGET	CONTRACT	C.O.D.
-----------	-------	------	--------	--------	----------	--------

EACH	DESCRIPTION	AMOUNT
1.	2 pens	.69
2.	1 oven mitts	.69
3.		1.00
4.	1 Screw Driver	1.00
5.		
6.		
7.		3.38
8.	Disc	34
9.	9115-5062-459 3.04	3.04
10.		
X	CUSTOMER'S SIGNATURE	AMOUNT

ACCOUNT DUE 15th OF FOLLOWING MONTH. 1 1/2% PER MONTH ON PAST DUE BALANCE.



ESTABLISHED 1887

JONES TENT & AWNING LTD.

SPORTSWEAR • CANVAS GOODS • WORK CLOTHING

TELEPHONE
731-5311

2034 WEST 11TH AVE.,
VANCOUVER 9, B.C.

CABLE ADDRESS
"JONESAILS"

INVOICE TO CANADIAN OCCIDENTAL PETROLEUM LTD
SUITE 801 161 EGLINTON AVE E.
TORONTO, ONTARIO

SHIP TO BONDAR CLEGG LAB
WHITEHORSE, YUKON
VIA YUKON FRT

DATE SHIPPED

BACK ORDER	CUST. ORDER NO.	FED. TAX LIC. NO.	PROV. TAX LIC. NO.	TERMS	INVOICE DATE	INVOICE NO.
PHONED		INCL	EX	NET 15 FOI	AUG 17/72 AUG 21/72	69266

3 ONLY	SILENT SIOUX STOVES	35.00 EA	105.00
		FRT	<u>10.50</u>
			115.50

9115-5032-459 - 9.70
 -5042-459 - 7.28
 -5052-459 - 19.29
 -5062-459 - 34.77 ✓
 -5072-459 - 9.35
 -5082-459 - 13.86
 JMM/01/PM
 -5092-459 - 13.86
 -5102-459 - 7.39
 # 115.50

Chq # 242

1% PER MONTH SERVICE CHARGE ON ALL OVERDUE ACCOUNTS.

We cannot allow the return of goods MADE SPECIALLY TO ORDER. Stock and standard lines, when order has been correctly filled, will be credited less a charge of 10% for service and re-handling. NO GOODS TO BE RETURNED WITHOUT OUR PERMISSION

15 CIVIC ROAD
SCARBOROUGH, ONT. CANADA

KEUFFEL & ESSER
OF CANADA, LIMITED

INVOICE NO. PR	DEPT.	CUSTOMER ORDER NO. NO. DE COMMANDE DU CLIENT	ORDER DATE
			11-05-72

S.V.P. REFERER A CE NUMERO SUR VOTRE CHEQUE
PLEASE REFER TO THIS NUMBER WHEN REMITTING

INVOICE NO. NO. DE LA FACTURE	INVOICE DATE DATE DE LA FACTURE
7458204	DAY MO YR JOUR MO ANN. 9 50 72

SOLD TO: VENDU A

SHIPPED TO: EXPEDIER A
ORDER NO.

SAME - MEME

ACCIDENTAL MINERALS CORP
OF CAN SUITE 303
153 EGLINTON AVE EAST
TORONTO ONT

150757

QTY.	REF. ACCT. NO. COMPT. DU CLIENT	SLS NO.	SHIP DATE DAY, MO, YR	PRK	FUR. LOC.	T.C.	SYSTEM NO.	SHIPPED VIA	EXPEDIE VIA	F.O.B. F.A.B.	PPD	PPD & CHG	COLL	SHIPMENT EXPEDITION	NO. OF INV.	RT	TERMS CONDITIONS
	52000	15	11-05-72					BT		DEST	X			COMPLETE	1		NET 30 DAYS 30 JOURS NETS
QTY. ORDERED SUSCRIPTIBLE	UNIT	PRODUCT NO. NO. PRODUIT	DESCRIPTION							SPD	UNITS PER BASE PKG.	UNIT	QTY. SHIPPED QTE LIVREE	TAX CODE	UNIT PRICE PRIX UNITAIRE	DISC. ESCP.T.	AMOUNT MONTANT
1	E	610032	LEROY BLS PEN									E	1	1	34.20	00.0	34.20
4	E	613250 00	RAPIDOGRAPH PEN									E	4	1	7.00	00.0	28.00
4	E	613250 0	RAPIDOGRAPH PEN									E	4	1	7.00	00.0	28.00
4	E	613250 7	RAPIDOGRAPH PEN									E	4	1	7.00	00.0	28.00
4	E	615337	LEROY CLEAN FLUID									E	4	1	1.05	00.0	4.20

5119-5532-454-849-10.10
- 5512-...-637-8.04
- 5552-...-1077-21.47
- 5512-...-3115-38.43
- 5572-...-847-10.41
- 5552-...-1270-15.42
- 5542-...-1270-15.42
- 5119-...-637-8.04

*Received
Prostate claim*

SUB-TOTAL SOUS-TOTAL	FEDERAL TAX TAXE FEDERALE	PROV. TAX TAXE PROV.	TAX ALLOWANCE TAXE ALLOCATION CREDIT	TAX EX.	DELIVERY CHG FRAISIE LIVRAISON	TAX DEST. CODE	FED. LIC. NO. NO. LICENCE FED.	PROV. LIC. NO. NO. LIC. PROV.	TOTAL	28.52
-------------------------	------------------------------	-------------------------	--	---------	-----------------------------------	----------------	-----------------------------------	----------------------------------	-------	-------

NO GOODS MAY BE RETURNED FOR CREDIT WITHOUT FIRST SECURING PERMISSION.
AUCUNE MARCHANDISE NE PEUT ETRE RETOURNEE POUR CREDIT SANS APPROBATION.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.
LES PRIX SONT SUJETS A CHANGEMENT SANS AVIS.

ALVANOR
CRYSTALINE
RESOLINE

PLEASE MAIL YOUR REMITTANCE TO:
S.V.P. ENVOYER VOTRE REMISE A:
15 CIVIC ROAD
SCARBOROUGH, ONT.

ORIGINAL INVOICE



104 ADELAIDE ST. W. TORONTO
PHONE 366-1168

"ARCHITECTS' & ENGINEERS' BLUEPRINT SERVICE"
PHOTOSTATS • BLUEPRINTS

SOLD TO CANADIAN OCCIDENTAL PETROLEUM,
801-161 EGLINTON AVE., EAST,
TORONTO, ONTARIO.

SHIPPED TO CANADIAN OCCIDENTAL
P.O. BOX 4578, WHITE HORSE,
YUKON.

YOUR ORDER NO.		TERMS	E1175	DATE		INVOICE NO		
NO. OF ORIGINALS	COPIES OFF EACH	TYPE OF PRINT	DESCRIPTION	SIZE	SQUARE FT. EACH	TOTAL SQUARE FT.	PRICE PER FOOT	TOTAL
1		Roll Herculene tracing 20x36						85.00
				Parcel post insur.				4.15
								89.15
								=====
		9115-5032-459	# 13.40					
		- 5032-459	- 8.95					
		- 5062-459	- 66.80					
			# 89.15					

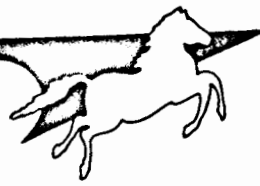
Chg # 303

ORIGINAL INVOICE

**LOISELLE TRANSPORT
LIMITED**

P.O. BOX 358 - DAWSON CREEK, B.C.

"We Serve The North"



STATEMENT

DATE

PAGE 1 OCT 15 1972

CANADIAN OCCIDENTAL PETROLEUM
LTD
601-161 EGLINTON AVENUE EAST
TORONTO 12 ONTARIO

15029

ACCOUNT NO.

PICK-UP & DELIVERY SERVICE
FROM OUR DEPOTS LOCATED AT:
EDMONTON 484-6797
DAWSON CREEK 782-3388
FORT ST. JOHN 785-6764
HUDSON HOPE 783-5225
FORT NELSON 774-2161
WATSON LAKE 536-7385
CASSIAR 778-7320
WHITEHORSE 668-2688

DATE			CODE	PRO-BILL NUMBER	CHARGED PREVIOUSLY	CURRENT BILLING	✓
MO.	DAY	YR.					
05	17	72		157445	59.30		
05	30	72		159020		7.25	
9115-5182			5032	469	5.59		
			5042	"	4.19		
			5052	"	11.11		
			5062	"	20.03		
			5072	"	5.39		
			5082	"	7.99		
			5082	"	7.99		
			5102	"	4.26 J.B.		
					66.55		
CS - CASH CN - CORRECTION NOTICE JV - ADJUSTMENT					59.30	7.25	
PAYABLE WITHIN 7 DAYS TO P.O. BOX 358 DAWSON CREEK, BRITISH COLUMBIA					TOTAL DUE	66.55	

[Handwritten Signature]

E&OE

HOME OF

CAMPERS VILLAGE

CHARGE INVOICE

NORTH WEST TENT & AWNING CO. LTD.

PHONE 429-6361
10265 - 107 STREET
EDMONTON 14, ALBERTA

INVOICE DATE

S
O
L
D
T
O

Canadian Occidental Petroleum Ltd.,
Minerals Division,
Suite 801, Eglinton Ave. East
Toronto 12, ONTARIO

Canadian Occidental Petroleum
1/2 Loiseux TPT.,
16045 - 114 Ave. Edmonton
FOR FURTHERANCE TO WHITEHORSE
YUKON - "HOLD ON ARRIVAL"

DATE ORDER	DATE SHIPPED	CUSTOMER'S ORDER #	TERMS	FED. TAX LIC. #	PROV. TAX LIC. #	SALESMAN
12 May 72	5/6/72		NET 30 DAYS			H

BACK ORDERED	ORDERED	DESCRIPTION	SHIPPED	PRICE	AMOUNT
	4	69-444 Stoves		29.10	116.40
	12	69-414-262 generators		3.24	38.88
		9115-5032 - 459 - \$13.05			
		-5042 - 459 - 9.78			
		-5052 - " - 25.93			
		-5062 - " - 46.74			
		-5072 - " - 12.58			
		-5082 - " - 18.63			
		-5092 - " - 18.63			
		-5102 - " - 9.94			
		<u>155.28</u>			

RECEIVED
JUN 14 1972
J. J. B.

B Cook

[Signature]

J 8291

ALL ACCOUNTS DUE 10TH OF MONTH FOLLOWING.
NO GOODS MAY BE RETURNED WITHOUT OUR
INSTRUCTION. INTEREST AT 12% PER ANNUM MAY
BE CHARGED ON OVERDUE ACCOUNTS.

TOTAL \$ 155.28

REC'D BY -

MANUFACTURERS OF NORSEMAN BRAND PRODUCTS: SLEEPING BAGS, PORTABLE BUILDINGS, TENTS, INDUSTRIAL COVERS, BAGS AND FILTERS, FARM TARPES, WELDING SCREENS - WHOLESALE DISTRIBUTORS OF: DUCK, PIPE WRAPPING, ROPE, FASTENERS, WEBBING.

PLUMBING — HEATING — AIR CONDITIONING

PET SUPPLIES — SELF-SERVICE — SUPER HARDWARE



NELSON'S LIMITED

P.O. BOX 10 — PHONE 667-2347

WHITEHORSE, YUKON

SOLD TO Canadian Occidental Pet. DATE July 14 1972
SHIP TO _____

PURCHASE ORDER NO		SALESMAN	DEPT	CASH <input type="checkbox"/> CHARGE <input type="checkbox"/> C.O.D. <input type="checkbox"/>			VIA
QUANTITY						UNIT	AMOUNT
1	No 3 pack board - (5062) 50(??)						16.50
1	No 3 pack board (5052)						11.50
1	No 2 pack board + seal (5062)						31.70
							64.70
	9116-5052-459 - \$ 16.50						
	9116-5062-459 - \$ 43.80 ✓						
	= 64.70						
	Via Bank						
RECEIVED ABOVE IN GOOD ORDER						TOTAL	
20562 <i>James</i>							
PER <i>Jody Williams</i>							

INVOICE NUMBER

• YOUR FISHING HEADQUARTERS IN THE YUKON •
1% INTEREST PER MONTH CHARGED ON OVERDUE ACCOUNTS

GOODS RETURNED FOR CREDIT
SHOULD BE ACCOMPANIED BY
THIS INVOICE

PLUMBING — HEATING — AIR CONDITIONING

PET SUPPLIES — SELF-SERVICE — SUPER HARDWARE



NELSON'S LIMITED

P.O. BOX 10 — PHONE 667-2347
WHITEHORSE, YUKON

TO Canadian Occidental Petroleum DATE July 8/72
#E01-161 Eglinton Ave. East SHIP TO _____
Toronto 12, Ontario

PURCHASE ORDER NO		SALESMAN	DEPT	CASH <input type="checkbox"/> CHARGE <input type="checkbox"/> C.O.D. <input type="checkbox"/>			VIA	
QUANTITY						UNIT	AMOUNT	
3	grub hoes					4.70	previously paid	14 10
1	psi. thermometer (5062)						↙	4.00
	9115-5062-459-\$4.00 ✓							
	2 for (5062) 1 for (5082)							

20469

RECEIVED ABOVE IN GOOD ORDER

PER Judy Williams

TOTAL	➔	18 10
-------	---	-------

INVOICE NUMBER

• YOUR FISHING HEADQUARTERS IN THE YUKON •
1% INTEREST PER MONTH CHARGED ON OVERDUE ACCOUNTS

GOODS RETURNED FOR CREDIT SHOULD BE ACCOMPANIED BY THIS INVOICE

RECEIVED

SAVE-MORE SPORT STORE

INVOICE NO 2870

114 QUEEN ST. EAST - 368-1451

TORONTO - ONTARIO

I. I. B.

SOLD TO

CANADIAN OCCIDENTAL PETROLEUM
CO LTD

DATE JULY 26/72

ORDERED BY JOHN MARSHALL

SUITE 801

DATE SHIPPED JULY 25/72

161 EGLINTON AVE EAST
TORONTO

SHIPPED VIA BUS COLLECT

TERMS Chèque

QUANTITY	DESCRIPTION	PRICE PER UNIT	TOTAL
SHIP TO: -	DR F. C. GLEESON 764 BELFAST RD OTTAWA ONT		
	- PLEASE PHONE ON ARRIVAL - 232-0796 -		

3 ONLY ALUMINIUM ARMY PACK BEARDS.
W/ REMOVABLE SHIRT 12.50

P. S. TAX

\$37.50
1.82

\$39.38

VOYAGEUR BRX # C- 050428

- 9115-5032-459-3.31
- 5042- " - 2.48
- 5052- " - 6.57
- 5062- " - 11.85
- 5072- " - 3.19
- 5082- " - 4.73
- 5092- " - 4.73
- 5102- " - 2.52

9115-5182-459

Thank you

Chq # 191

\$39.38

DRESS AND WORK CLOTHES - TENTS - CAMPING EQUIPMENT - TRUNKS & SUITCASES NEW AND USED

SALESMAN
MZ
DEPARTMENT
H1

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

June 29, 72

Canada Occidental

PURCHASE ORDER NUMBER
5062.

INVOICE NUMBER
19397

11 051

I

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>1</i>	<i>spatula</i>		<i>78</i>
<i>1</i>	<i>glass</i>		<i>3 35</i>
<i>1</i>	<i>dry pen</i>		<i>3 50</i>
<i>1</i>	<i>" "</i>		<i>4 95</i>
	<i>9115-5062-459 = \$11.50</i>		<i>12 78</i>
	<i>Discount</i>	<i>10%</i>	<i>1 28</i>
			<i>11 50</i>

B. D. Duffield

G/L NO.
CHECKED BY

SALESMAN
DK
DEPARTMENT
H1

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

July 31, 72

Canada Occidental

PURCHASE ORDER NUMBER

INVOICE NUMBER
29477

11051

I

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>2</i>	<i>skullig to</i>	<i>(e) 2911</i>	<i>5 96</i>
<i>1</i>	<i>ply battling</i>	<i>(e) X</i>	<i>3 20</i>
			<i>9 16</i>
	<i>less 10%</i>		<i>9 2</i>
	<i>9115-5062-459 = 8.24</i>		<i>8 27</i>

Tom Williams (10/12)

G/L NO.
CHECKED BY

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

SALESMAN: *Q.M.*
DEPARTMENT: *H-1*

June 19/72 *Occidental Minerals*
Camp 5062

PURCHASE ORDER NUMBER: *5062* INVOICE NUMBER: **19374** *11051* **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>10</i>	<i>D batt</i>	<i>40</i>	<i>400</i>
<i>8</i>	<i>C</i>	<i>40</i>	<i>320</i>
<i>2</i>	<i>5 gals naptha</i>	<i>7.25</i>	<i>14.50</i>
<i>1</i>	<i>mirror</i>		<i>1.40</i>
<i>2</i>	<i>slaw pipe wire</i>	<i>20</i>	<i>40</i>
<i>1</i>	<i>screw driver</i>		<i>1.55</i>
<i>1</i>	<i>wrench</i>		<i>2.79</i>
<i>Paint</i>		G/L NO.	<i>27.84</i>
<i>Paint</i>		CHECKED BY: <i>10/10</i>	<i>2.78</i>
			<i>25.06</i>

9115-5062-459-25.06

TAYLOR & DRURY LIMITED
P.O. BOX 1169, Whitehorse, Y.T.

SALESMAN: *V.M.*
DEPARTMENT: *H-1*

June 19/72 *Occidental Minerals*
Camp 5062

PURCHASE ORDER NUMBER: *5062* INVOICE NUMBER: **19375** *11051* **I**

QUANTITY	ARTICLE	PRICE	AMOUNT
<i>4</i>	<i>2072</i>	<i>1.35</i>	<i>5.40</i>
			<i>54</i>
			<i>4.86</i>
			<i>4.86</i>

9115-5062-459-4.86

Paint

G/L NO. _____
CHECKED BY _____

DATE <i>July 10/72</i>	TIME REQUIRED	ORDER NO.	INVOICE COPIES	TERMS - NET 30 DAYS
DOCKET NO.	JOB NO. <i>Bir Group</i>	FED. TAX LICENCE NO.	INVOICE NUMBER 077529	
AUTHORIZED BY: <i>B. Cook</i>		PROV. TAX LICENCE NO.		

INVOICE TO Canadian Occidental Petroleum DELIVER TO - same
#801 - 161 Eglinton Ave. East
Toronto Ont

ORIGINALS ENCLOSED	DRAWING NO. OR DESCRIPTION	TYPE OF COPY REQUIRED - SEE LISTING	SIZE	COPIES OFF EACH	DO NOT WRITE HERE		
					TOTAL	PRICE	AMOUNT
4		3 white prints of each	11 16 125	3	24	07	14.28
	9115-526 - 460						\$ 16.79
	B Cook						
	Line # 211						

(ORIGINALS WILL BE RETURNED WITH COPIES UNLESS OTHERWISE INSTRUCTED) TOTAL

DIAZO PAPER
 BLUELINE
 BLACKLINE
 VELLUM
 SERIALINE

LINEN
 OPAQUE
 TRANSPARENT
 MYLAR
 SINGLE MATTE
 DOUBLE MATTE

PHOTOGRAPHIC PAPER
 AUTOPOSITIVE
 REPRONEGATIVE
 FINELINE NEGATIVE
 ESTAR FILM
 AUTOPOSITIVE

PHOTOSTAT
 B GRADE
 C GRADE
 REPROSTAT
 SUPERSTAT
 XEROX TO 9-14

FEDERAL TAX
 SUBTOTAL
 PROVINCIAL TAX
 INVOICE TOTAL

TOTAL	14.28
FEDERAL TAX	1.76
SUBTOTAL	15.99
PROVINCIAL TAX	1.30
INVOICE TOTAL	16.79

THIS IS YOUR INVOICE

PLEASE PRESS HEAVILY YOU ARE MAKING 4 COPIES

TOPLEY REPRODUCTIONS SERVICES LIMITED
 90 Eglinton Ave. E., Toronto 12. 487-1544

DATE <i>July 5/72</i>	TIME REQUIRED	ORDER NO.	INVOICE COPIES	TERMS - NET 30 DAYS
POCKET NO.	JOB NO. <i>Bu</i>	FED. TAX LICENCE NO.	INVOICE NUMBER 077548	
AUTHORIZED BY: <i>B COOK</i>		PROV. TAX LICENCE NO.		

INVOICE TO *ACCIDENTAL MINERALS* DELIVER TO _____
161 EGLINTON E.

ORIGINALS ENCLOSED	DRAWING NO. OR DESCRIPTION	TYPE OF COPY REQUIRED - SEE LISTING	SIZE	COPIES OFF EACH	TOTAL	PRICE	AMOUNT
1	<i>W/P</i>	<i>Proj. Autopos</i>	<i>6.6X</i>	<i>1</i>			<i>25.00</i>
2	<i>W/P</i>		<i>15"</i>	<i>3</i>	<i>90</i>	<i>07</i>	<i>6.30</i>
	<i>9115-5062 - 460</i>						<i>\$36.82</i>
	<i>B. Cook</i>						
	<i>Req # 311</i>						

DO NOT WRITE HERE

(ORIGINALS WILL BE RETURNED WITH COPIES UNLESS OTHERWISE INSTRUCTED)				TOTAL	<i>31.30</i>
DIAZO PAPER	LINEN OPAQUE	PHOTOGRAPHIC PAPER	PHOTOSTAT B GRADE	FEDERAL TAX	<i>3.76</i>
BLUELINE	TRANSPARENT	AUTOPOSITIVE	C GRADE	SUBTOTAL	<i>35.06</i>
BLACKLINE	MYLAR	REPROMEGATIVE	REPROSTAT	PROVINCIAL TAX	<i>1.76</i>
VELLUM	SINGLE MATTE	FINELINE NEGATIVE	SUPERSTAT	INVOICE TOTAL	<i>36.82</i>
SERIALINE	DOUBLE MATTE	ESTAR FILM	XEROX TO 9-14		
		AUTOPOSITIVE			

THIS IS YOUR INVOICE

PLEASE PRESS HEAVILY YOU ARE MAKING 4 COPIES



WOODS BAG & CANVAS CO. LTD.

CANVAS DIVISION: 401 LOGAN AVE., TORONTO 8, ONTARIO / (416) 465-2403

D.U.N.S 20-1

SOLD TO
VENDU A

OXIDENTAL MINERALS LTD
SUITE 801
161 EGLINTON AVE EAST
TORONTO
ONTARIO

SHIP TO
EXPÉDIER A

~~OXIDENTAL MINERALS LTD
SUITE 801 CO LOISELLI
161 EGLINTON AVE EAST 16
TORONTO
ONTARIO~~
EDMONTON
FOR FURTH
WHITEH.

CUSTOMER ORDER NUMBER - NUMÉRO DE COMMANDE DU CLIENT

PLEASE REFER TO OUR
INVOICE WHEN REMITTING

FOB - FAB

LETTER

WINNIPEG

TERMS - TERMES

INVOICE DATE - DATE DE FACTURE

INVOICE NO FACTURE

SALESMAN
VENDEUR

SALESMAN
VENDEUR

FREIGHT
FRET

NET 30 DAYS

MAY. 31 1972

019136

022

PREPAID

FED TAX LICENCE NO DE LICENCE FED

PROV TAX LICENCE NO DE LICENCE PROV

CUST NO SOLD TO
NO CLIENT VENDU A

CUST NO SHIP TO
NO CLIENT EXPÉDIER A

OUR SALES ORDER NO
NOTRE NO DE COMM

ORDER DATE

1013807

1013807

16958

MAY.

QTY ORDERED QTE COMMANDE	DESCRIPTION	QTY SHIPPED QTE EXPÉDIE	QTY B.G. BALANCE	UNIT UNITE	UNIT PRICE PRIX UNITE
6	ALPINE RUCKSACK 8 OZ	6		EA	5.90
	POSTAGE				
	YOUR ORDER HAS BEEN SHIPPED FROM WINNIPEG				
	RECEIVED				
	JUN 7				
	J. J. B.				
	9115-5032 - 459 -				\$ 3.10
	-5042				2.33
	-5052				6.17
	-5062				11.12
	-5072				2.99
	-5082				4.44
	-5092				4.44
	-5102				2.36
	Chg 101				
	ITEMS TOTAL				
	TOTAL AMOUNT DUE				

INVOICE

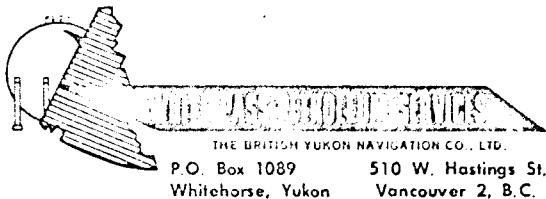
FACTURE

SLEEPING ROBES - TENTS - CAMPING EQUIPMENT AND TARPAULINS

874851

THIS IS YOUR INVOICE

DELIVERY INVOICE NO.

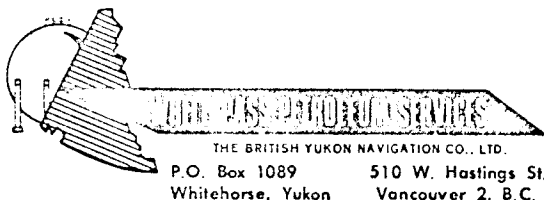


STATION <i>WHITEHORSE</i>	DATE <i>20 JUNE 1972</i>
SHIPPED TO	TRUCK NO. TRIP NO.

SOLD TO (PRINT) <i>CANADIAN OCCIDENTAL Petrochemicals LTD</i>	15029	CUSTOMER'S ORDER OR REQ. NO.
ADDRESS <i>Suite 801 161 Eglinton Ave E. Toronto 12, Ont.</i>	WP. NO.	LOC.
DELIVERED BY		

FORM P.T. 855 - JUN 69

PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
<i>STOUR OIL</i>	<i>4 KGS</i>		<i>40</i>	<i>.396</i>	<i>15 84</i>
<i>9115-5182-5062-406-43.84</i>					
<i>RECEIVED</i>					
<i>JUN 20 1972</i>					
<i>J. J. B</i>					
TAX (SPECIFY)	GALS. @				
PRODUCTS RECEIVED <i>B. Wingfield</i>	RECEIVED PAYMENT				
BY	CASH	DRUM CHARGES	<i>4 KGS @ 7.00</i>		<i>28 00</i>
APPROVED	CHEQUES	DRUM CREDITS			
CHECKED	EXCH.	TERMS - NET CASH (NO DISCOUNT)			TOTAL
	TOTAL				<i>43 84</i>



THIS IS YOUR INVOICE

DELIVERY INVOICE NO. **824220**

STATION WHSE	DATE 7/31 1972
SHIPPED TO	TRUCK NO. TRIP NO.

SOLD TO (PRINT) OCCIDENTAL MINERALS CORP.	55108	CUSTOMER'S ORDER OR REQ. NO.
ADDRESS	WP. NO.	LOC.
		DELIVERED BY

PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
AVE GAS 100	2 DRS		90	.609	54.81
<p>9115-5062-416 \$92.61 ✓ (Orig #247 (\$136.85))</p>					

TAX (SPECIFY) (5062)	GALS. @ .02	1.80
PRODUCTS RECEIVED	RECEIVED PAYMENT	
BY Scott Williams	CASH	DRUM CHARGES
	CHEQUES	2 VORAC HEAVY 18.00
APPROVED	CHECKED	DRUM CREDITS
[Signature]		
EXCH.	TOTAL	TERMS - NET CASH (NO DISCOUNT)
	92.61	TOTAL

FORM PET 815 90.

HARMAN MANAGEMENT LTD.
P.O. Box 4509
Whitehorse, Y.T.

TO: Canadian Occidental Petroleum Ltd.
Suite 801, 161 Eglinton Ave. East
Toronto 12, Ontario

DATE: August 15, 1972

INVOICE NO. 007-72

TO: Charge you with 1/2 the cost of the remote rental
July 15 - August 15, 1972 ^{Radio}

Frequency 4441 Call Sign CJU 863

AMOUNT: 1 month @ 1/2 of \$65.00 32.50

INVOICE TOTAL: \$32.50

- 9115- 5032 - 460 - 2.73
- 5042 - .. - 2.05
- 5052 - .. - 5.43
- 5062 - .. - 9.78 ✓

- 5072 - " - 2.63
- 5082 - .. - 3.90
- 5092 - .. - 3.90
- 5102 - .. - 2.08

- 32.50



Telecommunications

Telephone Account
WHITEHORSE

8

This account is now due

If paying in person
please present this entire account

SQ7 93

JUL 10 72

CDN OCCIDENTAL PETRO
801 161 EGLINTON
E TORONTO 12 ONT

RECEIVED

9115 - 5062 - 524 - \$3.00 ✓ JUL 14 1972

Bal from last account (If paid, deduct from total).....	J. B.	
Exchange Service - for one month from date of account.....		
Directory Charges - for one month.....		
Long Distance Charges - Statement enclosed.....		3.00
Other Charges & Credits - Statement enclosed.....		
Tax.....		
Total amount due		3.00

PAY 206 ELIOTT ST, WHORSE YT

p. Melrotta

Telecommunications Statement of Long Distance Tolls
SQ7- 93 CDN OCCIDENTAL PETRO 10 JULY 1972 1

	Number	Constituted At	Amount
0606 R WHITEHS YT	667-6523	WHITEHS YT	1.50
1106 R WHITEHS YT	667-6674	WHITEHS YT	.75
1206 R WHITEHS YT	668-2177	WHITEHS YT	.75
TOTAL -			3.00

Code ▲ 1-Operator 2-3rd Number 3-Credit Card 4-Collect 8-Dialed 9-Misc. R-Radio

05711

CN Telecommunications



Telephone Account
WHITEHORSE

This account is now due

If paying in person
please present this entire account

SQ9 12

SEP 10 72

9115 - 5062 - 460. - \$14.75 ✓

CDN OCCIDENTAL PETRO
801 161 EGLINTON
E TORONTO 12 CNT

Chq # 320 (\$64.10)

Bal from last account (If paid, deduct from total).....	
Exchange Service - for one month from date of account.....	
Directory Charges - for one month.....	14.75
Long Distance Charges - Statement enclosed.....	
Other Charges & Credits - Statement enclosed.....	
Tax.....	
PAY TO THE ORDER OF ELICTT ST, WHORSE YT Total amount due	14.75

PAID BY 206
48-46-003

12000

CN Telecommunications

Statement of Long Distance Tolls

SQ9- 12 CDN OCCIDENTAL PETRO 10 SEPT 1972 1

Time	Area	Calling	Number	Originating Area	Amount
1008	R	WHITEHS	YT	668-2400 WHITEHS YT	3.50
1208	R	WHITEHS	YT	668-2400 WHITEHS YT	1.25
1208	R	WHITEHS	YT	668-2400 WHITEHS YT	.75
1408	R	WHITEHS	YT	667-4767 WHITEHS YT	1.75
1908	R	WHITEHS	YT	667-4767 WHITEHS YT	4.50
2108	R	WHITEHS	YT	667-4767 WHITEHS YT	1.25
2808	R	WHITEHS	YT	668-2400 WHITEHS YT	.75
2908	R	WHITEHS	YT	667-4767 WHITEHS YT	1.00

TOTAL - 14.75

Code ▲ 1 - Operator 2 - 3rd Number 3 - Credit Card 4 - Collect 8 - Dialed 9 - Misc. R - Radio
6572 M (9-68) 48-46-009 ▲

4 of 4
CN Telecommunications

Telephone Account
WHITEHORSE 8

This account is now due

If paying in person
please present this entire account

SQ9 12

AUG 10 72

4115-5062-460-40.60

Winfield - Bir

RECEIVED

Chq # 238

CDN OCCIDENTAL PETRO
801 161 EGLINTON
E TORONTO 12 ONT

B. Cook

[Signature]

J. J. B.

Balance from last account (If paid, deduct from total).....	
Exchange Service - for one month from date of account.....	
Directory Charges - for one month.....	
Long Distance Charges - Statement enclosed.....	40.60
Other Charges & Credits - Statement enclosed.....	
Tax.....	
Total amount due	40.60

Statement of Long Distance Tolls
 SQ9- 12 CDN OCCIDENTAL PETRO 10 AUG 1972 1

Number	Operator	Area	Number	Originated At	Amount
0607 R	WHITEHS	YT	668-2400	WHITEHS YT	3.00
0807 R	WHITEHS	YT	668-2400	WHITEHS YT	1.00
1307 R	WHITEHS	YT	668-2400	WHITEHS YT	1.00
1407 R	WHITEHS	YT	668-2400	WHITEHS YT	1.75
1507 R	WHITEHS	YT	667-4684	WHITEHS YT	.75
1507 R	WHITEHS	YT	668-2400	WHITEHS YT	.75
1507 R	DESTNBY	YT	944-4441	WHITEHS YT	5.85
1607 R	WHITEHS	YT	668-2400	WHITEHS YT	1.25
1607 R	WHITEHS	YT	668-2400	WHITEHS YT	.75
1607 R	DESTNBY	YT	944-4441	WHITEHS YT	5.85
1707 R	WHITEHS	YT	668-2400	WHITEHS YT	1.25
1807 R	WHITEHS	YT	668-2400	WHITEHS YT	2.00

Code ▲ 1-Operator 2-3rd Number 3-Credit Card 4-Collect 8-Dialed 9-Misc. R-Radio

Statement of Long Distance Tolls
 SQ9- 12 CDN OCCIDENTAL PETRO 10 AUG 1972 2

Number	Operator	Area	Number	Originated At	Amount
1907 R	WHITEHS	YT	668-2400	WHITEHS YT	1.50
2207 R	DESTNBY	YT	944-4441	WHITEHS YT	2.60
2207 R	DESTNBY	YT	944-4441	WHITEHS YT	4.25
2207 R	WHITEHS	YT	668-2400	WHITEHS YT	1.25
2207 R	ATLIN	BC	890-0631	WHITEHS YT	2.30
2407 R	WHITEHS	YT	667-4767	WHITEHS YT	2.00
2407 R	WHITEHS	YT	668-2400	WHITEHS YT	.75
3007 R	WHITEHS	YT	667-4767	WHITEHS YT	.75

TOTAL - 40.60

Code ▲ 1-Operator 2-3rd Number 3-Credit Card 4-Collect 8-Dialed 9-Misc. R-Radio
 6572 M (9-68) △

T
N
C



TOTAL NORTH COMMUNICATIONS LTD.

BOX 4338 PHONE 668-2177 TELEX 049-8-290
WHITEHORSE, YUKON

TO: Canadian Occidental Petroleum Ltd.
#801-161 Eglinton, East
Toronto 12, Ontario.

RECEIVED

DATE August 24, 1972

INVOICE NO. C346-2

P.O. NO.

TO: Charge you for radio repair services to
CP 24, Serial No. 984
W/O # 8516

LABOUR:	4 1/2 Hours @ \$14.00 per hour		\$63.00
PARTS:	2 only Capacitors @ \$1.86 ea.	\$3.72	
	1 only Transistor	2.03	
	1 only Resistor	<u>.50</u>	<u>6.25</u>
	INVOICE TOTAL		<u><u>\$69.25</u></u>

9115-5062-460-\$69.25

chg # 282



DOMINION ALUMINUM FABRICATING LIMITED

136 THE EAST MALL
 TORONTO 18, ONTARIO
 TELEPHONE 239-4855
 TELEX 02-29029

OCCIDENTAL PETROLEUM LTD.
 161 EGLINTON AVE. E. STE. 301
 TORONTO 12, ONTARIO

RECEIVED

JUN 6 1972

J. J. B.

MAY 31 1972

	DESCRIPTION	DATE	INVOICE NUMBER	DEBITS		CREDITS	BALANCE	IF CR
				BALANCE FORWARD →				
1	Inland Ship	5/11/72	616	3812	26		3812	26
2	Shipping charges	5/30	696	5740			3869	66
3								
4								
5								
6								
7								
8								
9								
10	9115-5032-459						325.05	
11	5042 "						243.79	
12	5052 "						646.23	
13	5062 "						1,164.78	
14	5072 "						313.44	
15	5082 "						464.36	
16	5092 "						464.36	
17	5102 "						247.66	
18								
19								
20								
21								
22								

FORM #14 Q803024 MCBEE

DOMINION ALUMINUM FABRICATING LIMITED
 136 THE EAST MALL, TORONTO 18, ONTARIO

E. & O. E.

PLEASE
 PAY LAST
 AMOUNT IN
 THIS COLUMN

ALUMINUM
MAGNESIUM
STAINLESS STEEL



INVOICE NO. 616-72

DATE May 11/72

DOMINION ALUMINUM FABRICATING LIMITED
136 THE EAST MALL TORONTO 18, ONTARIO TELEX 02-29029 TELEPHONE (416) 239-4855

SOLD TO: Occidental Petroleum Ltd.,
Suite #801, 161 Eglinton Ave. E.,
Toronto 12, Ontario.

SHIP TO: Occidental Petroleum Ltd.,
C.N. to Edmonton
c/o Laiselle Transport Ltd.
16045-114th Ave., Edmonton
Laiselle transport to Industrial
Area Whitehorse Yukon -

SHIPPING INSTRUCTIONS Ppd & Chg.

VIA C.N.X.

Hold for pick up

PLEASE REFER TO JOB NO. 72-259-04

YOUR ORDER NUMBER Verbal				ORDER DATE May 2/72	FEDERAL SALES TAX 12%	PROVINCIAL SALES TAX N/A	TERMS Net 30
ITEM	QTY ORDERED	QTY SHIPPED	QTY BACK ORD			PRICE	AMOUNT
	6 only	6		Jutland Bldg. "Gable" frames 12' x 14' x 8' x 5' wall		350.00/ea	2,100.00
	12 only	12		Spare hook assemblies complete with rivets		1.90	22.80
	6 only	6		10 oz. Marine duck "white" canvas covers for above complete with 7" dia. stove pipe ring mounted on front of building 48" above floor, 20" x 20" window with ties in back wall standard doors with zippered fly bar.		203.50	1,221.00
	6 only	6		Fabrene carrying bags for frame		10.00	60.00
				<u>DELIVERY:</u> RUSH RUSH			3,403.80
						12% F.S.T.	408.46
				Shipping charges to follow		Complete	3,812.26

INVOICE

ALUMINUM
MAGNESIUM
STAINLESS STEEL



INVOICE NO 696-72

DATE May 30/72

9

DOMINION ALUMINUM FABRICATING LIMITED
136 THE EAST MALL TORONTO 18, ONTARIO TELEX 02-29029 TELEPHONE (416) 239-4855

SOLD TO: Occidental Petroleum Ltd.,
Suite 801,
161 Eglinton Ave. E.,
Toronto 12, Ontario.

SHIP TO: Occidental Petroleum Ltd.,
CN to Edmonton,
c/o Laiselle Transport Ltd.,
16045-114th Ave., Edmonton,
Laiselle Transport to Industrial
Area, Whitehorse, Yukon

SHIPPING INSTRUCTIONS Ppd & Chg.
VIA C, N. X.

Hold for Pick up

PLEASE REFER TO JOB NO. 72-259-04

YOUR ORDER NUMBER				ORDER DATE	FEDERAL SALES TAX	PROVINCIAL SALES TAX	TERMS
Verbal				May 2/72	N/A	N/A	Net
ITEM	QTY ORDERED	QTY SHIPPED	QTY BACK ORD	PRICE			AMOUNT
				Shipping charges re the above order			\$ 57.40
				RECEIVED			
				MAY 31 1972			
				J. J. B.			

INVOICE