

MAP NO.: ASSESSMENT REPORT X
105 0 1 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093024
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: DIAMOND DRILLING

REPORT FILED UNDER: FOX GEOLOGICAL CONSULTANTS LIMITED

DATE PERFORMED: MAY 31 - SEPT 12, 1991

DATE FILED: MARCH 12, 1992

LOCATION: LAT.: 63°10'N

AREA: MACMILLAN PASS

LONG.: 130°10'W

VALUE \$: N/A

CLAIM NAME & NO.: ACE 18-21 (YA11526-529), ACE 25-30 (YA11530-535), ACE 33-35 (YA11536-538)
ACE 39-40 (YA11539-540)
JASON 19-20 (Y96210-11), 31-34 (Y96222-75), 39-44 (Y96228-79), JASON 84-
92 (Y84530-514), 115-116 (Y84515-16), 123-124 (Y84517-18), 131-134
(Y84519-522), 135 (Y94471), 137 (Y84525), 161-176 (Y93952-967), 177-188
(YA20135-YA20146), 192-197 (YA35586-91), MIKE 1-2 (YA00024-025), 3
(YA00805), MIKE 4-10 (YA11541-547)

WORK DONE BY: FOX GEOLOGICAL CONSULTANTS LIMITED

WORK DONE FOR: PHELPS DODGE CORPORATION OF CANADA, LIMITED

DATE TO GOOD STANDING:

REMARKS: 1050 019 CSA-MT SURVEY, DIAMOND DRILLED 3 HOLES 931.5M



Your file Votre référence

Our file Notre référence

April 3, 1992

340-13-3

DIRECTOR GENERAL, YUKON REGION

ATTENTION: REGIONAL MANAGER MINERAL RIGHTS

RESTRICTED

Enclosed are Diamond Drill Logs etc. submitted by R. S. Cameron of Fox Geological Consultants Ltd. for assessment on the JASON mineral claims located on 105-0-01.

Diamond Drilling was as follows:

Drill Hole 91-106	ACE 39 FR	347.4 METRES
Drill Hole 91-107	ACE 18 FR	300.3 METRES
Drill Hole 91-109	JASON 116	283.8 METERS
TOTAL		931.5 METERS

Assessment Credit requested is \$36,000.00. The drill core is stored in a core shed located on the JASON property.

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Mining District
Box 269
Watson Lake, Yukon
Y0A 1C0

encls.

cc: Regional Manager, Geological Services

KDM

FOX GEOLOGICAL CONSULTANTS LTD.

1409 - 409 Granville Street,
Vancouver, B.C.
Canada V6C 1T8

Tel. (604) 669-5736
Fax. (604) 681-3920

March 27, 1992

P. L. McLeod
Mining Recorder
Watson Lake Mining District
PO Box 269
Watson Lake, Yukon
Y0A 1C0
Via Fax: (403) 536-7366



Re: Addendum to "Assessment Report on the 1991 Jason Diamond Drill Program,
Jason Property - Dated March 5, 1992

All drill core is stored on site within the core shed complex located adjacent to the Jason camp site on the North Canal Road.

My apologies for the omission.

Yours truly,

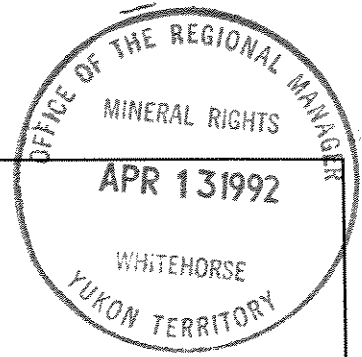
FOX GEOLOGICAL CONSULTANTS LTD.

A handwritten signature in cursive script, appearing to read "Robert S. Cameron".

Robert S. Cameron, B.Sc.

/am

FOX GEOLOGICAL CONSULTANTS LTD.



**ASSESSMENT REPORT ON THE
1991 DIAMOND DRILL PROGRAM
JASON PROPERTY
MACMILLAN PASS, YUKON, CANADA
WATSON LAKE MINING DIVISION
63°10'N 130°10W
NTS 10501**

**Work by
Phelps Dodge Corporation of Canada, Limited
Suite 912 - 120 Adelaide Street West
Toronto, Ontario M5H 1T1
On Behalf of
MacPass Resources Limited
Suite 200 Financial Plaza
204 Lambert Street
Whitehorse, Yukon Y1A 1T4**

by

**R. S. Cameron, B.Sc.
Fox Geological Consultants Ltd.
1409 - 409 Granville Street
Vancouver, B.C. V6C 1T8**



March 5 , 1992

Work Completed May 31 to September 12, 1991

093024

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INTRODUCTION

This report presents the results of the 1991 drill program completed within the Watson Lake Mining Division on the Jason property, Macmillan Pass area, Yukon Territory. Three holes 91-106, 91-107 and 91-109 were completed within the Watson Lake Mining Division and were used for assessment purposes. The results of this drilling are presented herein. Work completed within the Mayo Division were filed against the appropriate claims and a supporting report is filed separately in that Division.

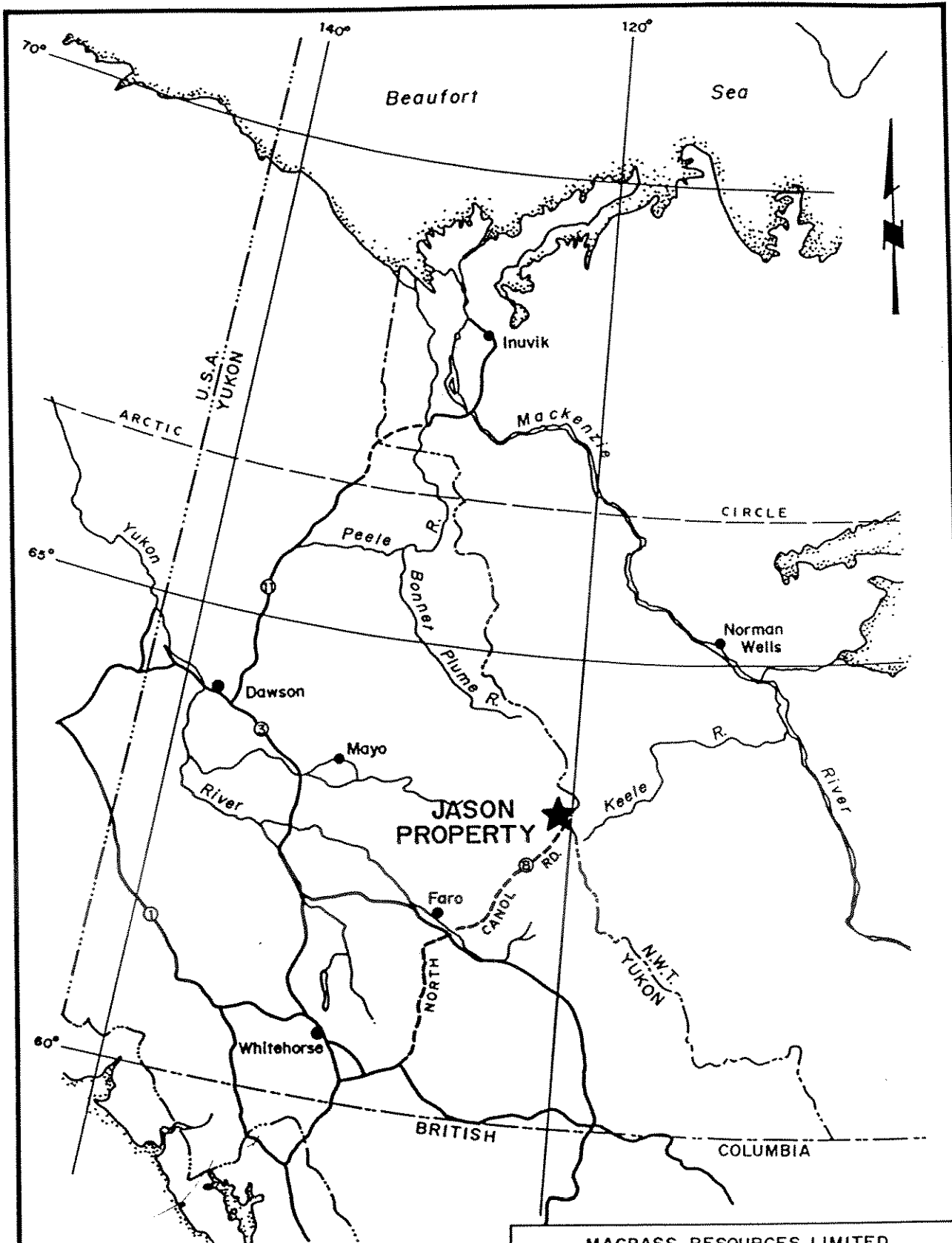
LOCATION, ACCESS, PHYSIOGRAPHY

The Jason property is located in east-central Yukon Territory at 63°10'N and 130°10'W on mapsheet 105O1 (Figure 1). The property straddles the North Canol Highway which was constructed along with a pipeline during World War II to transport oil from the Norman Wells oilfield in the Mackenzie River valley to a refinery being built in Whitehorse. The Yukon portion of the highway has been maintained as a summer travel only two-lane gravel road while the NWT portion has not been maintained. The nearest community to the Jason property is Ross River located 220 kilometres to the southwest at the junction of the North Canol road and the Robert Campbell Highway. Road distance to Whitehorse is 630 kilometres and tidewater at Skagway, Alaska is 810 kilometres. Faro is located 60 kilometres northwest of Ross River on the Robert Campbell Highway.

Ross River provides all necessary services including scheduled flights to Whitehorse, lodging, fuel and expediting services. A gravel airstrip on the Tom property located six kilometres northeast of the Jason camp can accommodate small twin engine planes.

The Jason property is located in the Mackenzie Mountains, a subdivision of the Northern Rocky Mountains. Topography is characterized by rugged mountain ranges separated by large glacial derived u-shaped valleys. Elevations on the property vary from 1,140 metres in the Macmillan River valley to 2,016 metres on Jason Mountain. Treeline is variable but generally occurs around 1,300 to 1,400 metres elevation. Vegetation in the lower levels includes stunted black spruce and alder; higher elevations include widespread moss and lichen. Permafrost is locally present, particularly near the edges of the large muskeg covered flanks of the Macmillan River. Fauna are not particularly numerous but include deer, caribou, grizzly bear, wolves and foxes as well as numerous ground squirrels and gophers. Fish life is very limited as most water courses in the area have a natural low Ph.

The weather comprises long, harsh, cold winters with moderate snowfall, up to ten feet of accumulation, and short, cool, wet summers. The effective working season is from June to the end of September.



MACPASS RESOURCES LIMITED			
PROJECT No 166		JASON, Y.T.	
LOCATION MAP JASON PROPERTY			
SCALE			DWG No
1:5,840,000			1

HISTORY AND PREVIOUS WORK

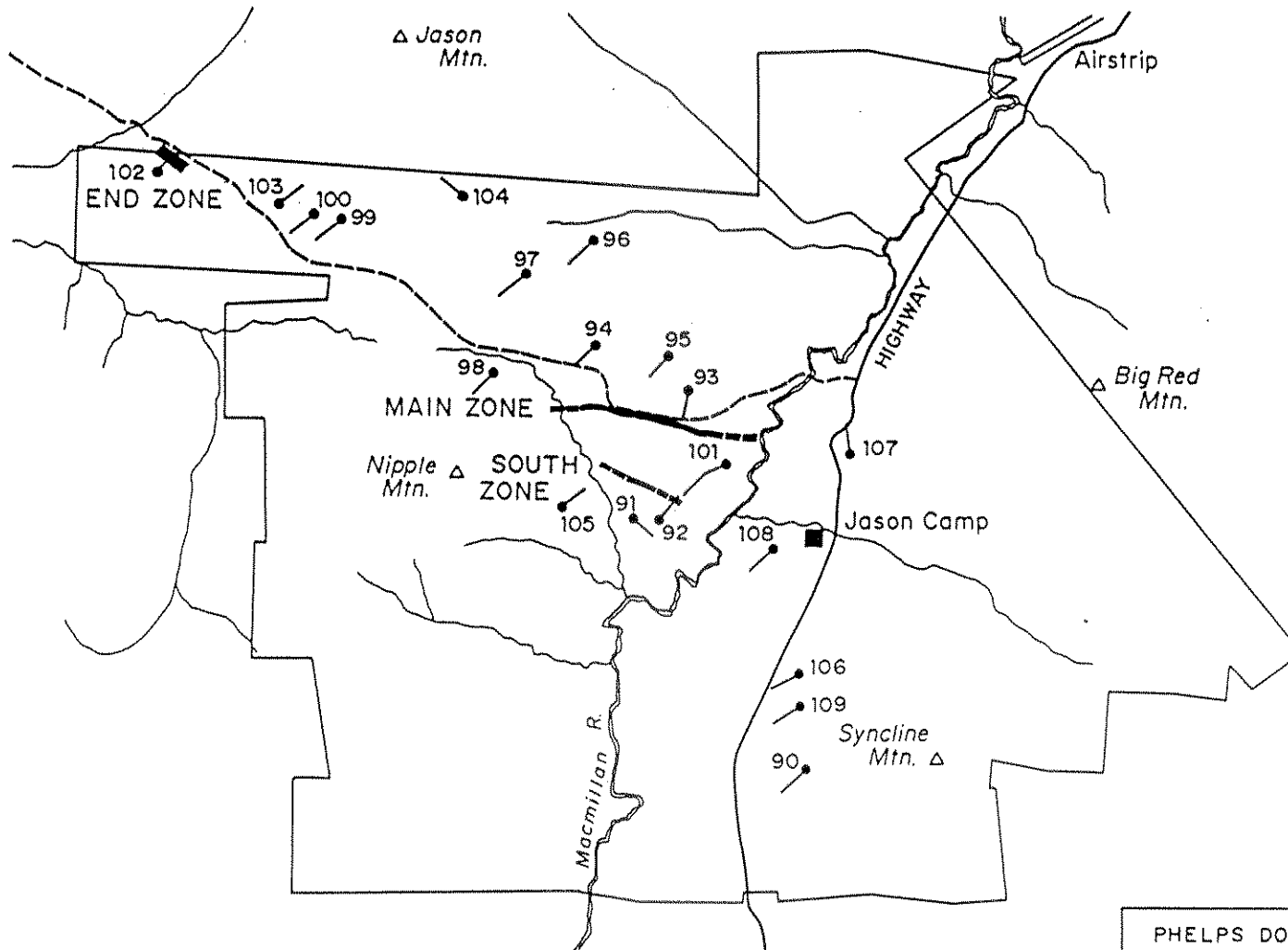
Exploration of the MacMillan Pass district dates from 1951 when prospectors working for Hudson Bay Exploration and Development discovered the Tom, East and West Zone deposits. Subsequent work on the Tom property by Hudson Bay Exploration and Development included extensive diamond drilling and underground development. Cominco Ltd. optioned the Tom property in 1988 and has completed four substantial drill programs.

In 1974 an exploration syndicate was formed comprised of private individuals, Brinco and Mitex Mines, whose purpose was to explore for lead and zinc deposits in the Ogilvie and MacKenzie mountains of the Yukon and Northwest Territories. Mapping in the vicinity of the Tom deposit traced the stratigraphy across the valley of MacMillan River to the current Jason property. Soil and silt anomalies in the area led to the staking of the original Jason claim block.

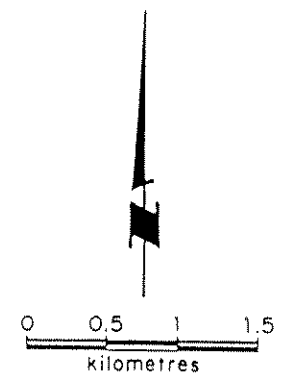
In 1979, Pan Ocean Oil optioned the property from the Ogilvie Joint Venture and proceeded to block out the reserves on the Main and South zones. Very limited reconnaissance drilling was completed outside of the two zones. Trenching uncovered the End zone in 1980 which was drill-tested by four holes. The property lay idle from 1983 to 1989. In 1990 Phelps Dodge Corporation of Canada, Limited optioned the property from MacPass Resources Limited and completed a drill program as outlined in this report. MacPass Resources Limited was formed in 1990 as a private company owned by CSA Gold Corp. (62.1%), Western Canadian Mining Limited (22.6%) and Ogilvie Mineral Corp. (15.3%). CSA Gold Corp. acquired Abermin Corporation's interest in the Jason property following the latter's bankruptcy. Western Canadian Mining Limited has changed its name to Consolidated Brinco Ltd.

CLAIMS

The Jason property comprises 283 claims and fractional claims covering an area of 3,500 hectares. The claim block falls within two mining divisions, the Mayo mining division north of the Canol highway and the Watson Lake mining division south of the Canol highway. The reserves outlined to date in the Main, South and End zones are within the Mayo mining division. The claim boundary is outlined in Figure 2 along with 1990 and 1991 drill hole locations. A claim map is presented in Figure 3 and the location of drill holes 91-106, 91-107 and 91-109 with respect to the claims on Figure 4 (pocket). Work completed in 1991 by Phelps Dodge straddled the mining division boundary. Drill holes 91-106, 107 and 109 completed in the Watson Lake district will be applied for assessment against claims in that district.



COMINCO'S TOM DEPOSITS
X



PHELPS DODGE CORPORATION OF CANADA LTD.				
PROJECT N ^o : 166		JASON PROJECT, Y.T.		
CLAIM OUTLINE with 1990 and 1991 DRILL HOLES				
SCALE	DATE	NTS	DWG N ^o	
As shown		105 / 01	2	

The Jason property is currently owned by MacPass Resources Limited, a private Yukon corporation whose sole mineral asset is the Jason claims. Phelps Dodge Corporation of Canada Limited through a wholly owned subsidiary of Phelps Dodge Corporation, Columbian Chemicals Canada Limited, has an option to earn 50% equity in MacPass Resources.

Work was filed on the following claims within the Watson Lake Mining Division on December 17, 1991. Copies of the representative documents are included in Appendix III.

Regional Geology

The Jason deposit lies within the Selwyn Basin, a geological domain stretching from east-central Yukon south into northern British Columbia (Figure 5). The Selwyn Basin contains strata from Late Proterozoic to Middle Devonian that were deposited in a "passive margin" style basin on the North American Miogeocline. The development of the basin was modified by rifting events, each marked by limited volcanism, deformation and abrupt changes in sedimentation. These rift events are accompanied by syn-sedimentary faulting, localized high heat flows, and formation of sediment-hosted stratiform lead-zinc-silver deposits precipitated from brines exhaled on to the sea floor. The Selwyn Basin sedimentation ended by the Late Devonian during collision with a Mesozoic island-arc. Jura-Cretaceous sediments were subsequently deposited, deformed and eroded. Widespread mid-Cretaceous granite intruded the deformed strata. Skarn development was widespread where granitic intrusions encountered favourable strata.

The Selwyn Basin currently hosts one of the largest suite of sediment-hosted base metal deposits in the world. Located in four separate districts, they include the Faro deposits, the Tom-Jason deposits, the Howard's Pass deposit and the Cirque deposit.

In the Macmillan Pass area, a 30-kilometre wide by 60-kilometre belt of Late Proterozoic to Triassic strata trends west-northwest across the more northerly regional structural fabric of the Selwyn Basin. This belt, referred to as the Macmillan Fold Belt, has been divided into the North, Central and South blocks. All of the Macmillan Pass lead-zinc deposits fall within the Central block within the Portrait Lake Formation of the Devonian Lower Earn Group rocks (Figure 6).

The Portrait Lake Formation has been subdivided into three informal members; the lower Macmillan Pass Member, a thick sequence of coarse clastics; the Tom Member, a sequence of carbonaceous siliceous mudstones and cherts with elevated barium; and the Itsi Member, a package of brown, rusty weathering clastics. The Tom Sequence is the host to the Jason and Tom sedimentary exhalative deposits.

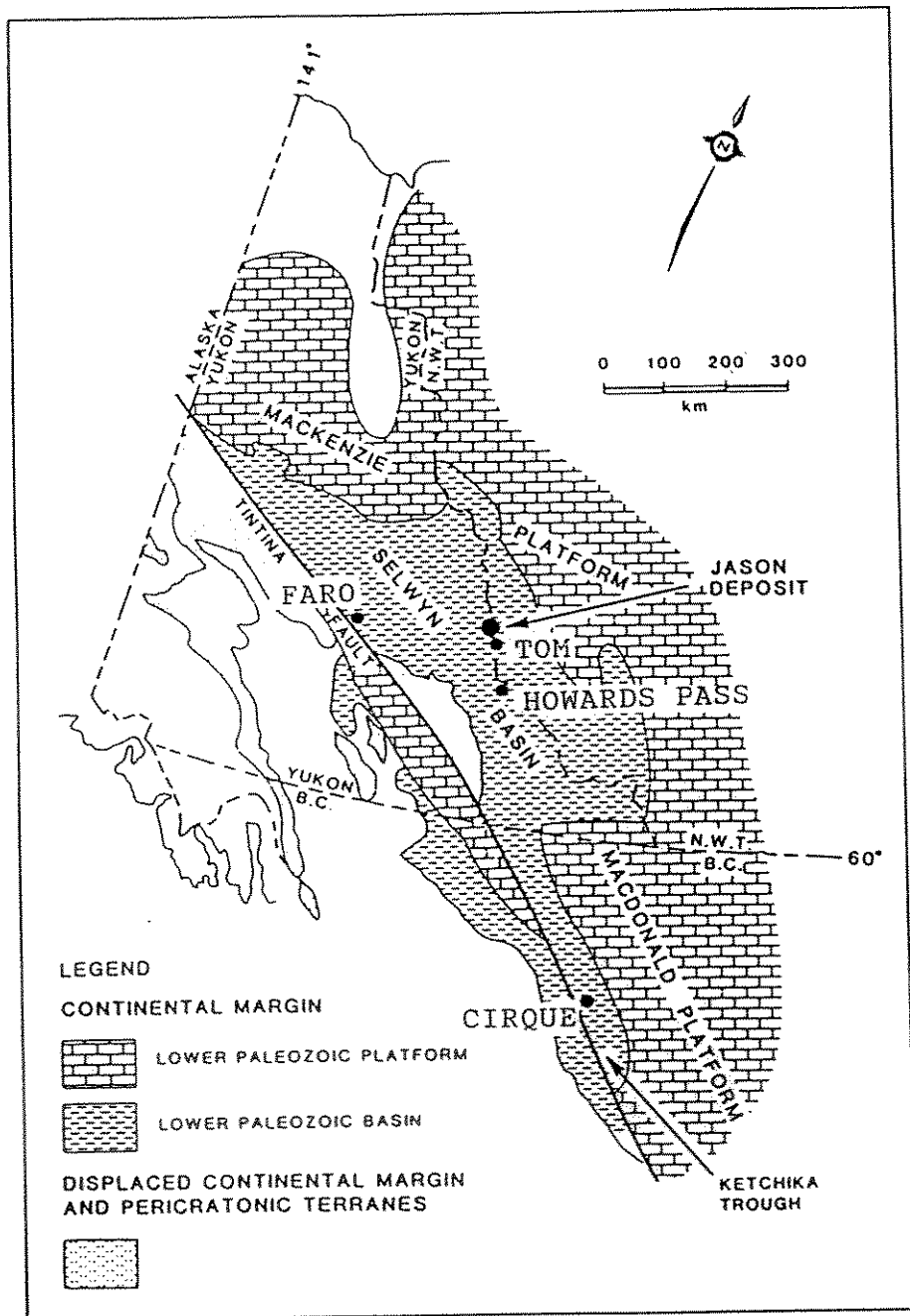


FIGURE 5 REGIONAL GEOLOGICAL SETTING

Map of northwestern Canada showing the location of Jason deposit within the context of Lower Paleozoic paleogeography of autochthonous North America (platform carbonate and basin shale-chert facies). Displaced terranes of North American affinity are also shown.

after Turner, 1990

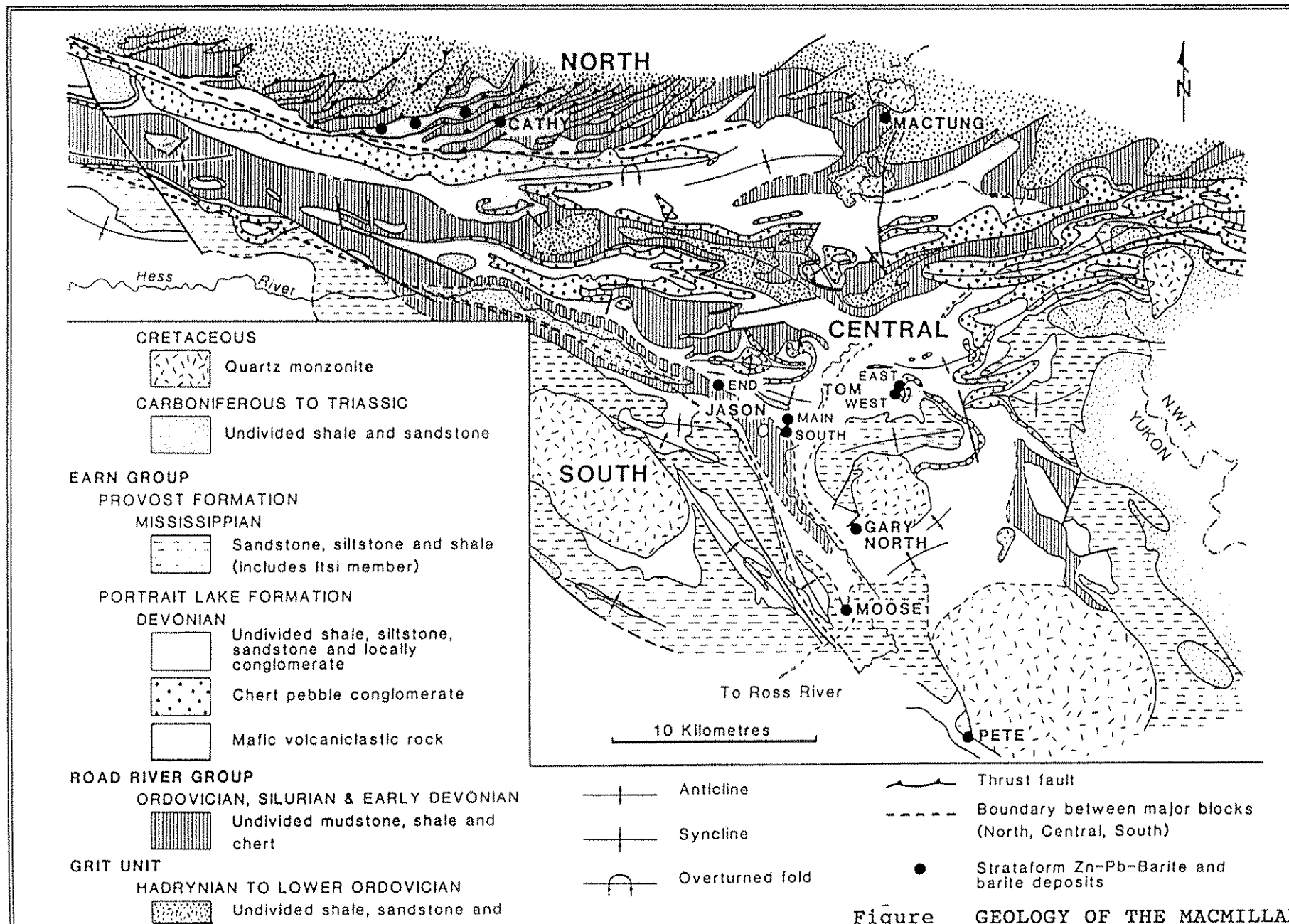


Figure 6
 GEOLOGY OF THE MACMILLAN FOLD BELT
 (Abbot and Turner, 1990)

Property Geology

Description of the local stratigraphy is summarized on Figure 7 and discussed below. Geology of the immediate Jason and Tom area is plotted on Figure 8.

Road River Group

The lowermost unit is strata equivalent to Early Devonian Road River Group. Rocks that comprise the Road River Group in the vicinity of the Jason South Zone include black cherts, very carbonaceous mudstones, calcareous mudstones and skeletal silty limestones. Fossil fragments include <.5 cm. brachiopods and crinoid stems. Locally an Ordovician-Devonian index fossil, "Tentaculites" is present. Units are generally massive to coarsely bedded. Farther to the north near the End Zone the Road River strata include finely bedded siltstones and mudstones with local coarse breccia bodies of unknown derivation. Coarse rugose corals are locally present. Road River strata include intensely altered mafic alkalic volcanic debris 15 kilometres farther north at the Boundary Creek deposit. Precise identification of Road River strata is difficult. Generally Road River strata is fossiliferous, calcareous and massive. Rocks higher in the stratigraphy namely Unit 3b, a black carbonaceous mudstone, can be easily confused with Road River strata. Contacts with overlying units are in all cases young faults. Locally quartz porphyritic felsic dykes fill the fault plane.

Unit 1, 2, 3a - Macmillan Pass Member

Units 1, 2 and 3a together comprise the Macmillan Pass Member of the Portrait Lake Formation and represent a rapid prograding and subsequent retrograding sequence. Unit 1 whose lower contact was not observed comprises up to 50 cm of thin rhythmically bedded silt- and sand-banded argillite. Light grey coloured silt and sand beds from 1 cm to 4 cm are interbedded with black argillite layers, the latter comprising from 50% to 100% of the rock. Coarse beds are locally ripple cross laminated. These fine and coarse couplets comprise typical BCE turbidites representative of distal, low energy turbidite environments.

Unconformably overlying Unit 1 is Unit 2, a coarse clastic unit characterized by the presence of rounded light coloured chert clasts to several centimetres in diameter. The thickness of Unit 2 is variable from 0 to 80 metres but is typically from 40 metres to 50 metres. Recently recognized sedimentary complexities within Unit 2 have led to the re-interpretation of the unit. Unit 2 underlying the Main Zone and northerly to the Jason Syncline is dominated by massive chert pebble conglomerate that grades upwards into turbidite sequences several metres thick comprised of ABE type turbidites. Unit 2 underlying the South Zone, a distance of not much more than 500 metres from the equivalent strata underlying the Main Zone, is comprised of interbedded chert grit beds

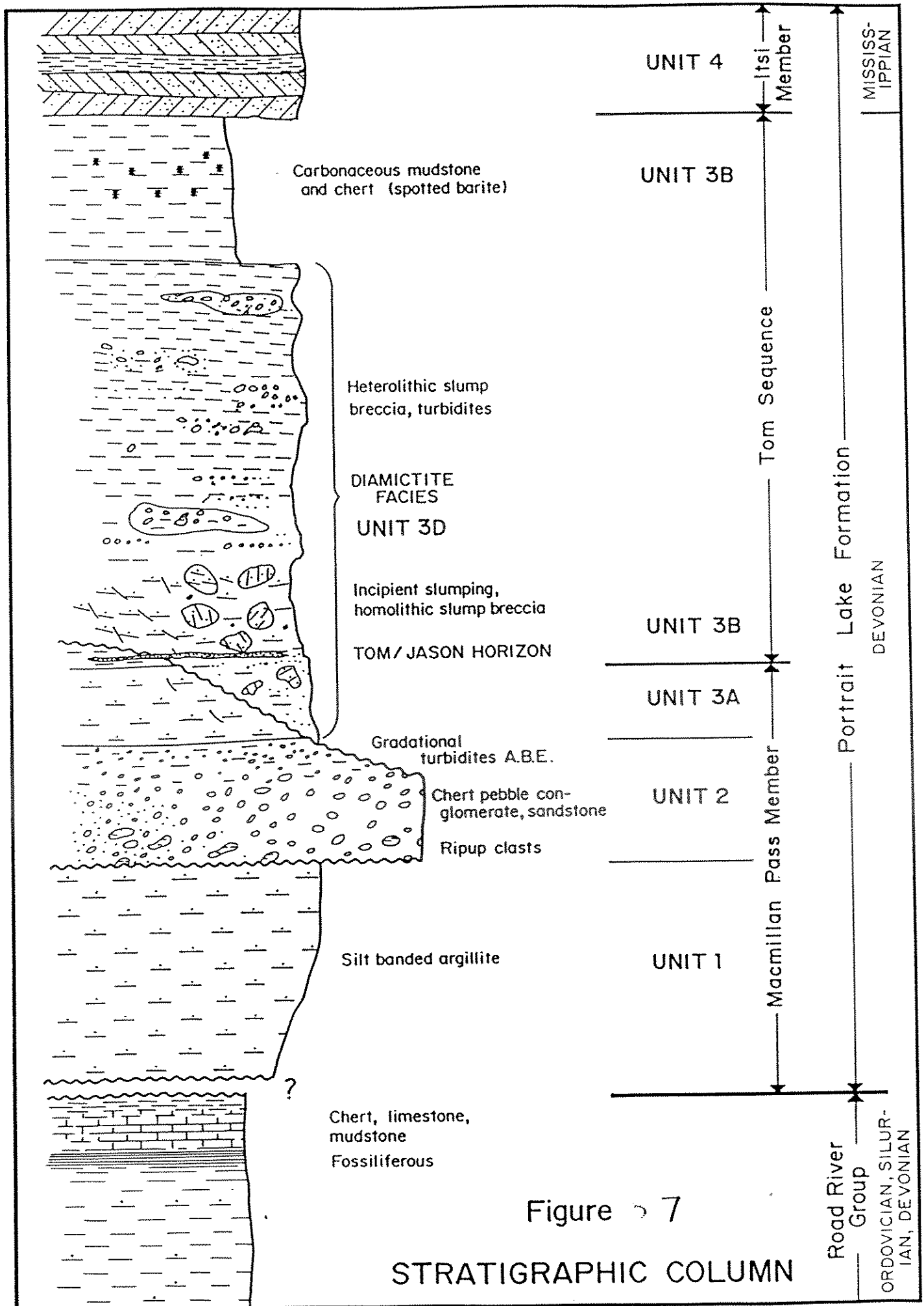


Figure 7

STRATIGRAPHIC COLUMN

and coarse sandstones interbedded with black argillite. Apparently a very abrupt facies transition occurs between the two zones. In the South Zone area the base of Unit 2 is comprised of angular rip-up clasts of argillite probably derived from the underlying Unit 1. Farther to the south on Marmot Ridge and also on Syncline Mountain a thick sequence of sand-banded argillite with isolated grit beds and chert pebbles probably marks the limits of deposition of Unit 2.

Unit 3a like Unit 1 is comprised of silt- and sand-banded argillite of varying proportions of coarse to fine bands. It is gradational from underlying Unit 2 and marks the completion of coarse sedimentation and/or subsequent rapid marine transgression. Subsidence may have been rapid leading to slope instability as marked by local intraformational slumps very similar in character to that seen in Unit 3d.

Unit 3b - Tom Member

Unit 3b conformably overlies unit 3a and can be up to several hundred metres thick. This unit is host to the stratiform mineral bodies that comprise the Jason and Tom deposits. Unit 3b is dominantly a black, carbonaceous, siliceous shale that weathers a distinctive silver colour. In core the unit is variable from very fine cherty mudstone to a gritty radiolarian chert. Locally, flattened barite nodules to 2 mm comprise up to 30% of the rock mass and convey a spotted appearance to the rock. Spotted barite horizons are more common towards the top of the unit where they can form continuous massive barite horizons. Barite nodules are locally replaced by pyrite, probably during diagenesis. The Tom and Jason stratiform sulphide and sulphate bodies occur within the lower 50 metres of the unit.

Unit 3d - Diamictite Facies

Units 1 to 3b are a continuous succession of sedimentary units. Locally within the Tom and Jason area this simple succession is disrupted by Unit 3d a diamictite unit that represents catastrophic failure of fault scarps that formed as a result of syn-sedimentary faulting.

Unit 3d is extremely diverse but can be generally described as a mix of heterolithic and homolithic breccias. Homolithic breccias contain centimetre to metre size blocks of silt- and sand-banded argillite in a matrix of mud and smaller lithic fragments. Blocks are rotated and can either be framework or matrix supported. House-size blocks have been recognized in outcrops on Jason Mountain. Heterolithic breccias comprise isolated chert pebbles or blocks of chert pebble conglomerate mixed with blocks of silt-banded argillite all within a mudstone matrix. The presence of isolated chert pebbles along with blocks of chert pebble conglomerate indicate that the source rocks were partially consolidated. Blocks of chert pebble conglomerate exhibit hydrothermal alteration effects such as iron

carbonate veining and sulphides and some clasts are comprised of banded massive sulphides similar to the Jason and Tom deposits. Small scale slump textures are evident in more massive silt-banded argillites adjacent to the diamictite units. A crude internal stratigraphy exists within the thicker diamictite bodies, such as those in the Jason South and Main Zones. The lowermost portions of the over-all diamictite unit are comprised of homolithic slump breccias most likely derived from Unit 3a as it became elevated on the syn-sedimentary fault scarp. As subsidence increased Unit 3a is eroded exposing more and more of Unit 2 which is reflected by the increasing proportion of chert pebbles and chert pebble conglomerate clasts in the middle of the diamictite. The increase in proportion of homolithic breccias near the top of the diamictite reflect the erosion of Unit 2 and the resultant influx of silt-banded argillite clasts derived from Unit 1 as it is eroded off the scarp.

As Unit 3d turbidites are shed off the fault scarp into the basin they can either scour and assimilate units already deposited within the basin or bury and preserve units. As this turbidite activity is taking place, normal 3b sedimentation is on-going so that intervals of 3b sediments can be interbedded within Unit 3d. The stratiform mineral bodies are also forming synchronously with the fault scarp formation so they can also be interbedded with the diamictite units. Unit 3d due to its scouring nature can have an erosional base placing its lower contact anywhere from well into Unit 2 to up into Unit 3b. Only in rare cases within the Jason South and Main Zones is the complete stratigraphic succession of Unit 2, 3a and 3b with its stratiform mineralization preserved. Stratiform bodies can occur within early diamictite units and in turn can be eroded away by latter diamictites.

Syn-Sedimentary Faults

Syn-sedimentary faults also referred to as syn-depositional faults are best described in this section as they are primary sedimentary features. The first appearance of diamictites in the sedimentary succession marks the onset of syn-sedimentary faulting. On the Tom property, this occurs at the Unit 3a level whereas on the Jason property the onset of syn-sedimentary faulting occurs at the level of Unit 3b. At the time of faulting the sediments are in large part unconsolidated and saturated. Subsidence is accommodated by a network of listric normal syn-sedimentary faults and related reverse faults with accompanying rotation of blocks and slumping. Hydrothermal activity synchronous with the subsidence has locally cemented some of the sediments so that they remain intact during slumping while others disaggregate during slumping. Small scale syn-sedimentary structures are evident in core. Sense of displacement on these structures are difficult to measure. Rocks are foliated, often silicified and have broken, angular and rotated fragments of vein material, mostly iron carbonate fragments. In the vicinity of holes 51, 42, 43 and 30 in the South Zone area several of these structures are noted in core but they are not co-planar and probably represent parallel but separate structures.

Unit 4 - Itsi Member

Unit 4 unconformably overlies Unit 3b and is present in the southeast corner of the Jason property, on Syncline Mountain. It is a rusty weathering sand laminated micaceous siltstone and sandstone, locally cross laminated.

Intrusives

A quartz monzonite pluton is located at the headwaters of Sekwi Creek in the southeast corner of the claim block. A pyritic, rusty contact aureole extends several hundred metres into the surrounding rocks. Related quartz porphyry dykes are present throughout the property but are most numerous on Big Red Mountain. The dykes are comprised of tiny 1mm to 2mm quartz phenocrysts in a light green aphanitic groundmass. Traces of pyrite and arsenopyrite are locally present. When encountered in drill holes, the dykes appear to occupy fault zones and are usually clay-altered and fractured.

The structural style of the Jason property is characterized by open to tight polyphase flexural slip folding disrupted by later steep normal and transcurrent faulting. In most places except for the vicinity of the End Zone penetrative fabric is restricted to weakly developed axial planar cleavage. Minor folding is restricted to the more ductile mud-rich units and the laminated sulphide and sulphate beds. The latter can exhibit complex, tight to isoclinal, folding of the laminae. This may reflect high strain or in part may be attributed to primary features resulting from slumping of sulphide mounds during formation.

The rocks encountered in the End zone exhibit much higher strain than rocks elsewhere on the property. Sand-rich layers are often attenuated and boudined and detached isoclinal, folds are locally present. *Megastructures are difficult to recognize due to the paucity of outcrop control and the ambiguous stratigraphy.* This zone of high internal strain may reflect proximity to the postulated Hess structural zone however no equivalent zone of deformation is recognized to the southeast along its projected trace.

The Jason Main and South Zones lie on opposite limbs of an overturned syncline. The axis of the syncline trends 120° and plunges 25° to the east. The western nose of the syncline is truncated by a later fault which places Road River strata against Units 1 through 3d. A remnant of Unit 1 near Rat Lake to the northwest may be the continuation of the syncline. This would give a right lateral sense of displacement on the fault.

A similar fold referred to as the Jason Syncline occurs just north of the Jason Main Zone. Separating the two synclines is a down-dropped block of Unit 3a. The northerly bounding fault was cored in hole 94 and can be traced from north of the Main Zone, through hole 94, through holes 99 and 100 and north of the End Zone.

Economic Geology

The Jason property currently hosts three separate Pb, Zn, Ag deposits, the Jason Main, South and End zones. Reserves calculated by Abermin personnel total 14.1 million tonnes grading 7.09% lead, 6.57% zinc and 79.9 gpt silver. Reserves as calculated by Abermin were done by polygon methods with a minimum 8% combined lead-zinc cut-off. True widths were calculated by using the average of both (a) the bedding to core angles and (b) the drill hole attitude to over-all strike and dip.

The Jason Main Zone has received the most drilling to date. It is a steeply dipping tabular body that has been traced for 700 metres along strike at surface and 500 metres down dip with a thickness of three to 18 metres. It is dominated by grey facies massive laminated barite, chert and sphalerite. To the west it is truncated by a late fault that passes from south of the South Zone to Rat Lake. To the east it grades into low grade black facies chert dominant rock. To depth continuity is difficult to assess but it also appears to grade into the black facies.

Jason South Zone

The South Zone is located 500 metres to the south of the Main Zone. It is a composite body comprising up to three lenses each separated by either low grade black facies or argillite or by coarse fault scarp breccias (Unit 3d). The South Zone has been traced along strike for 400 metres and down dip for 600 metres. It is dominantly grey facies type with a well developed vent facies core centred on holes 56A and 56B. Thickness varies between two metres near surface to over 50 metres at depth. The average strike and dip of the zone calculated from a set of three point problems averages 140° strike and 65° northerly dip. The vent facies is extremely well developed and high grade and includes massive pyrite and galena with sphalerite and thick intersections of galena and iron carbonate. The deposit is still open at depth but appears to be dominated by low grade black facies to the west and east. The South Zone was drilled at very oblique angles sometimes less than 10° bedding to core axis resulting in very long sub-parallel intersections. Geology is difficult to correlate between holes as most geological data has to be projected onto common planes. The South Zone and Main Zone may be the same deposit exposed on opposite limbs of a tight syncline.

Jason End Zone

The Jason End Zone is located at the extreme northwestern corner of the property in close proximity to the claim boundary. Cominco's Nidd claims adjoin the Jason claims to the north and west. The deposit was discovered in 1980 by backhoe trenching of coincident lead geochemical, gravity and magnetic anomalies. Subsequent exploration including trenching and drilling outlined a discontinuous pod of massive pyrite, galena and

sphalerite in a gangue of iron carbonate and silica. The deposit is subparallel to a major shear zone that juxtaposes highly altered Road River Strata against silt banded argillites and local chert pebble conglomerate. The precise stratigraphy is difficult to establish but the chert pebble-rich unit may be Unit 2. This places the End Zone well down in the stratigraphic sequence compared to the Jason Main and South Zones.

1991 WORK PROGRAM

Crews mobilized to the Jason camp on May 31st and left on September 12th. The camp facilities required extensive repair due to bear damage. One wing of the core shed had collapsed due to an unusually heavy winter snowfall. As part of the 1991 work program, all unnecessary structures on the property were dismantled, abandoned fuel drums were collected and disposed of and the Atco camp and unused generators sold.

The 1991 exploration program had five main objectives (1) to complete a CSA-MT survey in an attempt to profile the favourable 3b contact along the Canol Road, across the Jason Syncline and across the Main and South Zones; (2) to drill test possible extensions to the End Zone and the alteration zones encountered in previous holes 90-99 and 90-100; (3) to drill test a geochemical, geophysical target on Nipple Mountain; (4) to test the 3b contact on Jason Syncline; (5) and to test the favourable 3b contact along the Canol Road for extensions of the South and Main Zones. A minor component of the program was limited lithogeochemical sampling of select core and prospecting at the headwaters of Sekie Creek. Only drill holes 91-106, 107 and 109 completed within the Watson Lake Mining Division are used herein for assessment work purposes.

RESULTS

Drilling

Drilling was completed between July 1 and September 10, 1991 by J. T. Thomas Diamond Drilling of Smithers, B.C. Eight NQ diamond drill holes were cored totalling 2,553.0 metres. Drill hole locations are plotted on Figure 14 and drill data summarized in Table I. A Longyear 44 skid-mounted drill and accompanying D6 bulldozer were utilized. Water was pumped to each drill site from various sumps located on creeks on the property. Waterlines often required stage pumps to provide the needed lift for the higher drill sites.

Table I
Drill Hole Data

(Drill hole locations measured by compass and chain from nearest grid location marker or other surveyed feature. Elevations taken from property topographic map.)

Hole #	Start	Finish	Northing	Easting	Length (m)	Azimuth	Dip	Elevation (m)
102	July 11	July 16	35+69N	12+12W	336.2	030	-80	1375
103	July 9	July 10	24+50N	9+00W	88.1	045	-60	1395
104	July 3	July 9	16+04N	1+28W	294.1	290	-60	1515
105	July 1	July 3	7+62S	12+00W	102.1	045	-60	1240
106	July 17	July 27	7000825N	437640E	347.4	240	-60	1210
107	July 28	August 1	7002380N	438000E	300.3	000	-60	1170
108	August 16	Sept. 2	7001720N	437470E	711.0	250	070	1150
109	Sept. 3	Sept. 11	7000610E	437630E	283.8	250	-60	1215
					2553.0	metres		
					8373.8	feet		

Drill Hole Summaries

Hole 91-106

Drill hole 91-106 was collared south of the Canol Road to drill test the southern extension of the South Zone horizon. The key horizon at the Unit 3b, 3a contact was extremely pyritic with traces of sphalerite.

- 0-44.8 Casing in overburden.
- 44.8-159.6 Unit 3b - black carbonaceous mudstone, locally extremely siliceous.
- 159.6-210.5 Unit 3d - distal diamictite, heterolithic slump breccia with interbedded mudstone, very pyritic, replacement of chert clasts.
- 210.5-211.5 Fault.
- 211.5-239.1 Unit 3b - pyrite dusted carbonaceous mudstone. Disseminated pyrite to 20%. Local pyrite banding.
- 239.1-255.1 Quartz eye porphyry dyke.
- 255.1-340.5 Unit 3b - pyrite dusted carbonaceous mudstone, trace sericite near base.

- 340.5-356.0 Unit 3d/Unit 3b - South Zone horizon, interbedded diamictite and mudstone, pyrite laminations to 2 cm. thick, traces of sphalerite.
 356.0-437.4 Unit 3a - silt banded mudstone with local chert grit/pebble slump breccia.

Hole 91-107

Drill hole 107 was collared southeast of the Canol Road and was designed to test for the eastern extension of the Main Zone horizon. The Main Zone horizon extends across the valley but was not cored due to faulting complications.

- 0-24.4 Casing in boulder till.
 24.4-132.8 Unit 3b - carbonaceous mudstone.
 132.8-156.1 Unit 3d - distal heterolithic slump breccia, interbedded mudstone.
 156.1-236.8 Unit 3b - black carbonaceous mudstone.
 236.8-262.7 Fault.
 262.7-300.2 Unit 3a - silt and sand banded mudstone, tops up hole.

91-109

Hole 109 was collared 150 metres along strike to the southeast of hole 106 and was designed to follow up encouraging geology encountered in this hole. The key horizon was barren.

- 0-42.7 Casing in boulder till.
 42.7-154.7 Siliceous carbonaceous mudstone with numerous aphanitic felsic dykes.
 154.7-263.0 Unit 3b - steely grey carbonaceous mudstone, pyrite 3% to 7% disseminated and in bands increasing down hole.
 263.0-283.8 Unit 3a - silt banded mudstone.

CONCLUSIONS AND RECOMMENDATIONS

The 1991 drill program comprised eight diamond drill holes; two holes to test alteration in the vicinity of the End Zone; two holes to test reconnaissance targets on Jason Knoll and Nipple Mountain; and four holes to test for extensions of the South Zone and Main Zone across the MacMillan River valley. Holes 91-106, 107 and 109 were completed in the Watson Lake Mining Division.

Hole 107 was collared southeast of the Canol Road and drilled northerly to test for the Main Zone horizon. It cored Unit 3b, Unit 3d and Unit 3a confirming the projection of the Main Zone horizon into the hole 107 area. Unfortunately faulting complications resulted in the hole not coring the favourable Unit 3b/3a contact. Hanging wall rocks were not

particularly noteworthy; the diamictite was distal in nature and the pyrite content of Unit 3b was low.

Three drill holes, 106, 108 and 109, were drilled on the southerly extension of the South Zone horizon. Hole 106 collared just south of the Canal Road cored very pyritic Unit 3b with traces of sphalerite and accompanying diamictite at the key horizon. Hole 109 was a 150-metre step-out to the southeast of hole 106. Although the hole cored the favourable horizon, the diamictite unit was absent and there was a marked decrease in pyrite content. Holes 91-106, 107 and 109 did not core any new zones. No further work is recommended in this area.

DISBURSEMENTS

Project disbursements used for filing assessment work are outlined below. Entire project direct drill costs were subdivided on a prorata per foot basis. The proportion assigned to holes 91-106, 91-107 and 91-109 was used to file work against claims within the Watson Lake Mining Division as outlined in Appendix III.

Total Diamond Drill Costs - includes mob-demob, footage, expendables.		\$ 327,426.09
Total Metreage Drilling 2,553.0 metres - cost per metre		\$ 128.25
Hole 91-106 -	347.4 metres	
Hole 91-107 -	300.3 metres	
Hole 91-109 -	<u>283.8 metres</u>	
	931.5 metres @ \$128.25	\$ 119,466.50

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.



Robert S. Cameron, B.Sc.
March 5, 1992

CERTIFICATE

I, Robert S. Cameron, of the City of Vancouver, British Columbia, do hereby certify that:

1. I graduated from the Carleton University in 1981 with a Bachelor of Science degree in geology.
2. I have been practising my profession as a geologist since 1981.
3. I am a Fellow of the Geological Association of Canada.
4. I am employed by Fox Geological Consultants Ltd., 1409-409 Granville Street, Vancouver, B.C. who has been contracted by Phelps Dodge Corporation of Canada, Limited to carry out exploration work on their behalf on the Jason property.
5. That this report dated March 5, 1992 is based on my field work on the Jason property during May 31 and September 12, 1991.



Robert S. Cameron, B.Sc.
Vancouver, B.C.
March 5, 1992

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A P P E N D I X I

Drill Logs

DIAMOND DRILL RECORD

Hole No. 91-106
Page 3 of

From	To	Description	Rock	Sample#	To	Length	Comments	Ba	P ₂	P ₀	Cu	Sp	G ₂	Fe CO ₂
					128				1					
		128.5 - QUARTZ UNMINING			130				1					
					132				1					
					134				1					
					136				2					
					138				1					
		140.5m TO 144.8m - FAULT			140				1					
		POOR REC OVERLY - 30m			142				1					
		OF GOUGE WITH QUARTZ			144				1					
		USW FRAGMENTS			146				1					
					148				1					
					150				2					
		146.0 - BEDDING - 45° TO			152				1					
		CORE AXIS.			154				1					
					156				1					
		154.8m TO 159.6m INCREASE			158				2					
		IN PISSEMINATED PYRITE			160				1					
		GIVING 'PYRITE DUSTED' LOOK			162				1					
					164				1					
					166				1					
					168				1					
					170				1					
					172				2					
					174				2					

DIAMOND DRILL RECORD

Hole No. 91-106
Page 5 of _____

From	To	Description	Rock	Sample#	To	Length	Comments	Qu	PY	Bo	Ca	Sp	Gw	K
		ROD - DOMINATED BY ROUNDED			224	2.0			1					
		LIGHT COLORED CHERT FRAGMENTS			226				1					
		1cm TO 4cm WITH 5-25%			229				2					
		RAISED MUDSTONE FRAGMENTS			230				2					
		1cm TO 3cm AS FLATTENED			232				2					
		ELONGATE CLASTS			234				2					
					236				2					
		PYRITE REPLACEMENT OF			238				2					
		SPLIT CHERT FRAGMENTS - PYRITE			240				2					
		AS PRINGS AT OUTER			242				1					
		EDGES OF CLASTS TO ENTIRE			244									
		POPULATION ^{OF CLAST} TO REPLACEMENT			246									
		OF CORE OF FRAGMENTS ONLY			248									
		PYRITE AVERAGE 5-10% TO 20%			250									
					252									
		PYRITE 'DUSTED' THROUGHOUT			254				↓					
		INTERMEDIATE 38 800S AND			256				1					
		AND FINE LAMINATIONS,			258				2					
					260									
210.5	211.5	Fault - Gouge and rock			262									
		fragments - quartz veins			264									
					266									
					268				↓					
					270				2					

DIAMOND DRILL RECORD

Hole No. 91-106

Page 7 of _____

From	To	Description	Rock	Sample#	To	Length	Comments	Ba	Pg	Po	Cu	Sa	Ga	Fe
239.1	255.1	QUARTZ GYE PORPHYRY DYKE			320	2.0		3						
		LIGHT GREEN, MASSIVE TO			322									
*		WOOLLY PORPHYRIC WITH			324									
		7% (SCATTER) AMIBODAC			326									
		QUARTZ? PHENOCRISTS - TRACE			328									
		DISSIMILATED PYRITE,			330									
		TRACE DISS ARSENOPIRITE?			332									
		SHARP UPPER CONTACT			334									
		70° TO COLONY			336									
		SHARP BELOW CONTACT			338									
					340	2.0		3						
255.1	340.5	UNIT 70° 'PYRITE DUSTED'			341	1.0		7/4						
		BLACK MASSIVE TO PYRITE			342			4						
		LAMINATED - RENIFORM			343			4						
		DISSIMILATED PYRITE 5-10%			344			4						
		PYRITE LOCALLY CONCENTRATED			345			4				1		
		IN THIN 4mm LAMINAE			346			4						
		AND LOCALLY TO 1cm WITH			347			3				1		
		DIFFUSE COARS. PYRITE			348			3						
		AND IN RARE CONCRETIONS			349			3						
		AND SMALL FRAGMENTS			350			3				2		
					351			1						
					352			1						
					353	1.0		3						

DIAMOND DRILL RECORD

Hole No. 91-106
Page 10 of 10

From	To	Description	Rock	Sample#	To	Length	Comments
		349.5m - 4cm CHERT CAST DIAMICTITE ROCK WITH 15% Yellow RED SPHERULITE GRAINS BOTH IN MATRIX AND WITHIN CUBES.					
356.0	437.4	UNIT 3A (MINOR CHERT PEBBLE MUDSTONE) MASSIVE SILT AND SAND BANDS MUDSTONE. BEDDING 80-85° TO CORE AXIS 10% TO 60% SILT AND SAND BEDS, COARSE CROSS LAMINATED, PITTED WITH COARSE BEDS, 386.5m TO 388.7m - PEBBLE MUDSTONE, SANDSTONE - 'DIAMICTITE' ANGULAR TO ROUNDED CHERT CUBES AND CHERT GRIT WITH MUDSTONE, MATRIX SUPPORTED					
		403.4m TO 416.0m - PEBBLE MUDSTONE, CHERT GRIT SANDSTONE					

DIAMOND DRILL RECORD

Hole No. 91-107
Page 2 of 7

From	To	Description	Rock	Sample#	To	Length	Comments	Ba	Pg	Pa	Ca	Sp	Gn	Co ₂
		Rose Quartz veining			60	2.0			1					
					62									
		TRAC OF BLACK CRYSMINE			64									
		PROBITION SUBSTRATE			66									
		TO BOODING			68									1
					70									
					72									
					74				✓					
					76				1					
					78				2					1
					80				1					
					82									
					84									
					86									
					88									
					90									
					92									
					94									
					96									
					98									
					100				2					
		132.8m - 10cm GAGE			102				✓					
					104									
					112	2.0			1					

DIAMOND DRILL RECORD

Hole No. 91-107
Page 4 of 7

From	To	Description	Rock	Sample#	To	Length	Comments				
		162.0 m - CORE LOSS, MINOR			156						
		GORGE, VUGGY QUARTZ			158						
		VOIN FRAGMENTS.			160						
					162						
					164						
		185.5 m - 20m of PYRITES			166						
					168						
					170						
					172						
					174						
					176						
					178						
					180						
					182				✓		
					184				2		
					186				3		
					188				3		
					190				2		
					192				2		
					194						
					196						
					198						
					200				✓		
					202				2		

~~2% 8~~~~FAULT~~

DIAMOND DRILL RECORD

Hole No. 91-107
Page 5 of 7

From	To	Description	Rock	Sample#	To	Length	Comments
					204	2.0	
					206		
					208		
236.8	262.7	FAULT			210		
		RURPLE OF UNIT 3B, MASSIVE			212		
		CORROSE, REMNANT GOUGE.			214		
					216		
					218		
262.7	300.2	UNIT 3A			220		
		SILT AND SAND BANDOED			222		
		MUDSTONE			224		
		10-20% SILTSTONE BEDS			226		
		IN MUDSTONE/SILTSTONE			228		
		COUPLOTS TO 1.5 cm.			230		
		LOW CROSS LAMINATIONS			232		
		IN THICKER SILTSTONE BEDS.			234		
		TOPS UP HOLE (GRADED BEDS)			236		
					238		
		BEDDING - 45° TO CORE AXIS			240		
					242		
					244		
	300.2	EOH			246		
					248		
					250	2.0	

DIAMOND DRILL RECORD

Hole No. 91-107
Page 6 of 7

From	To	Description	Rock	Sample#	To	Length	Comments	P _g	Co ₂
				252		2.0		2	
				254				2	
				256				2	
				258				2	
				260				2	
				262				2	
				264				1	
				266				↑	
				268					
				270					
				272					
				274					
				276					
				278					
				280					
				282					
				284					
				286					
				288					
				290					
				292				↓	
				294				1	
				296				2	
				298		7.0		1	

DIAMOND DRILL RECORD

Hole No. 91-109
Page 2 of 6

From	To	Description	Rock	Sample#	To	Length		PV				
70.8	76.8	UNIT 3R AS ABOVE			78	2.0		1				
		VERY BROWN, CONGLOSS			80			1				
					2			1				
76.8	77.0	APIPHANITIC OMKL RUBBLE			4			2				
					6							
77.0	79.9	UNIT 3R CARBONACEOUS			8							
		MUDSTONE, BASIC, GRAPHITIC			90							
		FRACTURES,			2							
					4							
79.9	83.2	APIPHANITIC OMKL			6							
		USE METHOD, QUARTZ			8							
		KHONOCRISTS < 1mm TO 1%			100							
					2							
83.2	138.9	UNIT 3B			4							
		VARIABLE BLACK CARBONACEOUS			6							
		MUDSTONE AND SILTY			8							
		GRAY LAMINATED SILICIOUS			110							
		MUDSTONE, VERY GRAPHITIC			2			2				
		WITH GRAPHITE ALONG			4							
		FRACTURES, PYRITE FINELY			6							
		DISSIMINATED BUT MOSTLY IN			8							
		CLOTS AND FRACTURES WITH			120							
		QUARTZ RIMS, ALSO IN			2							

DIAMOND DRILL RECORD

Hole No. 91-109
Page 5 of 6

From	To	Description	Rock	Sample#	To	Length				
		212.1m - 30cm of GRANITIC BOULDER AND ROCK FRAGMENTS			222	2-0				
					4					
					6					
					8					
		231.0m - BEDDING 45° TO CORE AXIS			230					
					2					
					4					
		239.5m TO 263.0m - PYRITE DUSTED CARBONACEOUS MUDSTONE			6					
					8					
					240					
		PYRITE 3 TO 7% INCREASING DOWN HOLE - DISSIPATED LOCALITY IN 2cm CONCRETIONS AND BANDS.			2					
					4					
					6					
					8					
					250					
263.0	283.8	UNIT 3A.			2					
		BLACK SILT SAND SD			4					
		ARGILLITE. THIN PINSTRIPED			6					
		GRAY SILT SANDS OFTEN			8					
		DISPLACED BY PYRITE IN			266					
		1cm APPROX CAPSULES WITH			2					
		MUDSTONE - PYRITE REPLICATED			4					
		OFTEN TO 1cm IN CONCRETIONS			6					
					2					

A P P E N D I X I I

Claim List

CLAIM LISTING - JASON PROPERTY

Name	Expiry	Record No	Mining Division
ACE 1	12/31/2008	YA7470	MAYO
ACE 2	12/31/2008	YA7471	MAYO
ACE 3	12/31/2008	YA7472	MAYO
ACE 4	12/31/2008	YA7473	MAYO
ACE 5	12/31/2008	YA7474	MAYO
ACE 6	12/31/2008	YA7475	MAYO
ACE 7	12/31/2008	YA7476	MAYO
ACE 8	12/31/2008	YA7477	MAYO
ACE 9	12/31/2008	YA7478	MAYO
ACE 10	12/31/2008	YA7479	MAYO
ACE 11	12/31/2008	YA7480	MAYO
ACE 12	12/31/2008	YA7481	MAYO
ACE 13	12/31/2004	YA7482	MAYO
ACE 14	12/31/2008	YA7483	MAYO
ACE 15	12/31/2004	YA7484	MAYO
ACE 16	12/31/2004	YA7485	MAYO
ACE 17	12/31/2004	YA7486	MAYO
ACE 18	12/31/1996	YA11526	WATSON LAKE
ACE 19	12/31/1996	YA11527	WATSON LAKE
ACE 20	12/31/1996	YA11528	WATSON LAKE
ACE 21	12/31/1996	YA11529	WATSON LAKE
ACE 22	12/31/2008	YA7487	MAYO
ACE 23	12/31/2008	YA7488	MAYO
ACE 24	12/31/2008	YA7489	MAYO
ACE 25	12/31/1996	YA11530	WATSON LAKE
ACE 26	12/31/1996	YA11531	WATSON LAKE
ACE 27	12/31/1996	YA11532	WATSON LAKE
ACE 28	12/31/1996	YA11533	WATSON LAKE
ACE 29	12/31/1996	YA11534	WATSON LAKE
ACE 30	12/31/1996	YA11535	WATSON LAKE
ACE 31	12/31/2008	YA7490	MAYO
ACE 32	12/31/2008	YA7491	MAYO
ACE 33	12/31/1996	YA11536	WATSON LAKE
ACE 34	12/31/1996	YA11537	WATSON LAKE
ACE 35	12/31/1996	YA11538	WATSON LAKE
ACE 36	12/31/2004	YA7492	MAYO
ACE 37	12/31/2008	YA7493	MAYO
ACE 38	12/31/2008	YA7494	MAYO
ACE 39	12/31/1996	YA11539	WATSON LAKE
ACE 40	12/31/1996	YA11540	WATSON LAKE
JASON 1	12/31/2010	Y96192	MAYO
JASON 2	12/31/2010	Y96193	MAYO
JASON 3	12/31/2010	Y96194	MAYO
JASON 4	12/31/2010	Y96195	MAYO
JASON 7	12/31/2013	Y96198	MAYO
JASON 8	12/31/2013	Y96199	MAYO
JASON 9	12/31/2013	Y96200	MAYO

CLAIM LISTING - JASON PROPERTY

Name	Expiry	Record No	Mining Division	
JASON	10	12/31/2013	Y96201	MAYO
JASON	11	12/31/2013	Y96202	MAYO
JASON	12	12/31/2013	Y96203	MAYO
JASON	13	12/31/2009	Y96204	MAYO
JASON	14	12/31/2013	Y96205	MAYO
JASON	15	12/31/2013	Y96206	MAYO
JASON	16	12/31/2013	Y96207	MAYO
JASON	17	12/31/2013	Y96208	MAYO
JASON	18	12/31/2013	Y96209	MAYO
JASON	19	12/31/1997	Y96210	WATSON LAKE
JASON	20	12/31/1997	Y96211	WATSON LAKE
JASON	21	12/31/2013	Y96212	MAYO
JASON	22	12/31/2013	Y96213	MAYO
JASON	23	12/31/2013	Y96214	MAYO
JASON	24	12/31/2013	Y96215	MAYO
JASON	25	12/31/2013	Y96216	MAYO
JASON	26	12/31/2013	Y96217	MAYO
JASON	27	12/31/2013	Y96218	MAYO
JASON	28	12/31/2013	Y96219	MAYO
JASON	29	12/31/2013	Y96220	MAYO
JASON	30	12/31/2013	Y96221	MAYO
JASON	31	12/31/1997	Y96222	WATSON LAKE
JASON	32	12/31/1997	Y96223	WATSON LAKE
JASON	33	12/31/1996	Y83274	WATSON LAKE
JASON	34	12/31/1996	Y83275	WATSON LAKE
JASON	35	12/31/2013	Y96224	MAYO
JASON	36	12/31/2010	Y96225	MAYO
JASON	37	12/31/2010	Y96226	MAYO
JASON	38	12/31/2010	Y96227	MAYO
JASON	39	12/31/1997	Y96228	WATSON LAKE
JASON	40	12/31/1997	Y96229	WATSON LAKE
JASON	41	12/31/1996	Y83276	WATSON LAKE
JASON	42	12/31/1996	Y83277	WATSON LAKE
JASON	43	12/31/1996	Y83278	WATSON LAKE
JASON	44	12/31/1996	Y83279	WATSON LAKE
JASON	45	12/31/2010	Y97986	MAYO
JASON	46	12/31/2010	Y97987	MAYO
JASON	47	12/31/2010	Y97988	MAYO
JASON	48	12/31/2010	Y97989	MAYO
JASON	49	12/31/2010	Y98244	MAYO
JASON	50	12/31/2010	Y98245	MAYO
JASON	51	12/31/2010	Y98246	MAYO
JASON	52	12/31/2010	Y98247	MAYO
JASON	53	12/31/2010	Y98248	MAYO
JASON	54	12/31/2006	Y98249	MAYO
JASON	55	12/31/2012	Y98250	MAYO
JASON	56	12/31/2012	Y98251	MAYO

CLAIM LISTING - JASON PROPERTY

Name	Expiry	Record No	Mining Division
JASON 57	12/31/2012	Y98252	MAYO
JASON 58	12/31/2012	Y98253	MAYO
JASON 59	12/31/2012	Y98254	MAYO
JASON 60	12/31/2012	Y98255	MAYO
JASON 61	12/31/2012	Y98256	MAYO
JASON 62	12/31/2010	Y98257	MAYO
JASON 63	12/31/2008	Y98258	MAYO
JASON 64	12/31/2006	Y98259	MAYO
JASON 65	12/31/2006	Y98260	MAYO
JASON 66	12/31/2004	Y98261	MAYO
JASON 67	12/31/2004	Y98262	MAYO
JASON 68	12/31/2004	Y98263	MAYO
JASON 69	12/31/2004	Y98264	MAYO
JASON 70	12/31/2004	Y98265	MAYO
JASON 71	12/31/2004	Y98266	MAYO
JASON 72	12/31/2004	Y98267	MAYO
JASON 73	12/31/2006	Y98268	MAYO
JASON 74	12/31/2010	Y98269	MAYO
JASON 75	12/31/2006	Y98270	MAYO
JASON 76	12/31/2006	Y98271	MAYO
JASON 77	12/31/2010	Y98272	MAYO
JASON 78	12/31/2012	Y98273	MAYO
JASON 79	12/31/2010	Y98274	MAYO
JASON 80	12/31/2012	Y98275	MAYO
JASON 81	12/31/2010	Y98276	MAYO
JASON 82	12/31/2012	Y98277	MAYO
JASON 84	12/31/1996	Y84530	WATSON LAKE
JASON 85	12/31/1996	Y84507	WATSON LAKE
JASON 86	12/31/1996	Y84508	WATSON LAKE
JASON 87	12/31/1996	Y84509	WATSON LAKE
JASON 88	12/31/1996	Y84510	WATSON LAKE
JASON 89	12/31/1996	Y84511	WATSON LAKE
JASON 90	12/31/1996	Y84512	WATSON LAKE
JASON 91	12/31/1996	Y84513	WATSON LAKE
JASON 92	12/31/1996	Y84514	WATSON LAKE
JASON 93	12/31/2008	Y98278	MAYO
JASON 94	12/31/2008	Y98279	MAYO
JASON 95	12/31/2004	Y98280	MAYO
JASON 96	12/31/2004	Y98281	MAYO
JASON 97	12/31/2004	Y98282	MAYO
JASON 98	12/31/2004	Y98283	MAYO
JASON 99	12/31/2004	Y98284	MAYO
JASON 100	12/31/2004	Y98285	MAYO
JASON 101	12/31/2008	Y98286	MAYO
JASON 102	12/31/2008	Y98287	MAYO
JASON 103	12/31/2004	Y98288	MAYO
JASON 104	12/31/2004	Y98289	MAYO

CLAIM LISTING - JASON PROPERTY

Name	Expiry	Record No	Mining Division
JASON 105	12/31/2008	Y98290	MAYO
JASON 106	12/31/2008	Y98291	MAYO
JASON 107	12/31/2004	Y98292	MAYO
JASON 108	12/31/2004	Y98293	MAYO
JASON 109	12/31/2008	Y98294	MAYO
JASON 110	12/31/2008	Y98295	MAYO
JASON 111	12/31/2004	Y98296	MAYO
JASON 112	12/31/2008	Y98297	MAYO
JASON 113	12/31/2004	Y98298	MAYO
JASON 114	12/31/2010	Y98299	MAYO
JASON 115	12/31/1996	Y84515	WATSON LAKE
JASON 116	12/31/1996	Y84516	WATSON LAKE
JASON 117	12/31/2008	Y98300	MAYO
JASON 118	12/31/2008	Y98301	MAYO
JASON 119	12/31/2008	Y98302	MAYO
JASON 120	12/31/2008	Y98303	MAYO
JASON 121	12/31/2008	Y98304	MAYO
JASON 122	12/31/2004	Y98305	MAYO
JASON 123	12/31/1996	Y84517	WATSON LAKE
JASON 124	12/31/1996	Y84518	WATSON LAKE
JASON 125	12/31/2006	Y98306	MAYO
JASON 126	12/31/2006	Y98307	MAYO
JASON 127	12/31/2006	Y98308	MAYO
JASON 128	12/31/2006	Y98309	MAYO
JASON 129	12/31/2006	Y98310	MAYO
JASON 130	12/31/2006	Y98311	MAYO
JASON 131	12/31/1996	Y84519	WATSON LAKE
JASON 132	12/31/1996	Y84520	WATSON LAKE
JASON 133	12/31/1996	Y84521	WATSON LAKE
JASON 134	12/31/1996	Y84522	WATSON LAKE
JASON 135	12/31/1996	Y94471	WATSON LAKE
JASON 137	12/31/1996	Y84525	WATSON LAKE
JASON 141	12/31/2008	Y98312	MAYO
JASON 142	12/31/2011	Y98313	MAYO
JASON 143	12/31/2008	Y98314	MAYO
JASON 144	12/31/2011	Y98315	MAYO
JASON 145	12/31/2008	Y98316	MAYO
JASON 146	12/31/2011	Y98317	MAYO
JASON 147	12/31/2008	Y98318	MAYO
JASON 148	12/31/2007	Y98319	MAYO
JASON 149	12/31/2011	Y98320	MAYO
JASON 150	12/31/2007	Y98321	MAYO
JASON 151	12/31/2011	Y98322	MAYO
JASON 152	12/31/2007	Y98323	MAYO
JASON 153	12/31/2011	Y98324	MAYO
JASON 154	12/31/2007	Y98325	MAYO
JASON 155	12/31/2008	Y98326	MAYO

CLAIM LISTING - JASON PROPERTY

Name	Expiry	Record No	Mining Division
JASON 156	12/31/2008	Y98327	MAYO
JASON 157	12/31/2006	Y98328	MAYO
JASON 158	12/31/2004	Y98329	MAYO
JASON 159	12/31/2004	Y98330	MAYO
JASON 160	12/31/2004	Y98331	MAYO
JASON 161	12/31/1996	Y93952	WATSON LAKE
JASON 162	12/31/1996	Y93953	WATSON LAKE
JASON 163	12/31/1996	Y93954	WATSON LAKE
JASON 164	12/31/1996	Y93955	WATSON LAKE
JASON 165	12/31/1996	Y93956	WATSON LAKE
JASON 166	12/31/1996	Y93957	WATSON LAKE
JASON 167	12/31/1996	Y93958	WATSON LAKE
JASON 168	12/31/1996	Y93959	WATSON LAKE
JASON 169	12/31/1996	Y93960	WATSON LAKE
JASON 170	12/31/1996	Y93961	WATSON LAKE
JASON 171	12/31/1996	Y93962	WATSON LAKE
JASON 172	12/31/1996	Y93963	WATSON LAKE
JASON 173	12/31/1996	Y93964	WATSON LAKE
JASON 174	12/31/1996	Y93965	WATSON LAKE
JASON 175	12/31/1996	Y93966	WATSON LAKE
JASON 176	12/31/1996	Y93967	WATSON LAKE
JASON 177	12/31/1996	YA20135	WATSON LAKE
JASON 178	12/31/1996	YA20136	WATSON LAKE
JASON 179	12/31/1996	YA20137	WATSON LAKE
JASON 180	12/31/1996	YA20138	WATSON LAKE
JASON 181	12/31/1996	YA20139	WATSON LAKE
JASON 182	12/31/1996	YA20140	WATSON LAKE
JASON 183	12/31/1996	YA20141	WATSON LAKE
JASON 184	12/31/1996	YA20142	WATSON LAKE
JASON 185	12/31/1996	YA20143	WATSON LAKE
JASON 186	12/31/1996	YA20144	WATSON LAKE
JASON 187	12/31/1996	YA20145	WATSON LAKE
JASON 188	12/31/1996	YA20146	WATSON LAKE
JASON 189	12/31/2005	YA15148	MAYO
JASON 190	12/31/2005	YA15149	MAYO
JASON 191	12/31/2005	YA15150	MAYO
JASON 192	12/31/1996	YA35586	WATSON LAKE
JASON 193	12/31/1996	YA35587	WATSON LAKE
JASON 194	12/31/1996	YA35588	WATSON LAKE
JASON 195	12/31/1996	YA35589	WATSON LAKE
JASON 196	12/31/1996	YA35590	WATSON LAKE
JASON 197	12/31/1996	YA35591	WATSON LAKE
JASON 198	12/31/2007	YA38265	MAYO
JASON 199	12/31/2007	YA38266	MAYO
JASON 200	12/31/2007	YA38267	MAYO
JASON 201	12/31/2007	YA38268	MAYO
JASON 202	12/31/2007	YA38269	MAYO

CLAIM LISTING - JASON PROPERTY

Name		Expiry	Record No	Mining Division
JASON	203	12/31/2007	YA38270	MAYO
JASON	204	12/31/2007	YA38271	MAYO
JASON	205	12/31/2007	YA38272	MAYO
JASON	206	12/31/2007	YA38273	MAYO
JASON	207	12/31/2007	YA38274	MAYO
JASON	208	12/31/2007	YA38275	MAYO
JASON	209	12/31/2007	YA38276	MAYO
JASON	210	12/31/2007	YA38277	MAYO
JASON	211	12/31/2007	YA38278	MAYO
JASON	212	12/31/2007	YA38279	MAYO
JASON	213	12/31/2007	YA38280	MAYO
JASON	214	12/31/2007	YA38281	MAYO
JASON	215	12/31/2007	YA38282	MAYO
JASON	216	12/31/2007	YA38283	MAYO
JASON	217	12/31/2007	YA38284	MAYO
JASON	218	12/31/2007	YA38285	MAYO
JASON	219	12/31/2007	YA38286	MAYO
JASON	220	12/31/2007	YA38287	MAYO
JASON	221	12/31/2007	YA38288	MAYO
JASON	222	12/31/2007	YA38289	MAYO
JASON	223	12/31/2004	YA41288	MAYO
JASON	224	12/31/2004	YA41289	MAYO
JASON	225	12/31/2004	YA41290	MAYO
JASON	226	12/31/2004	YA41291	MAYO
JASON	227	12/31/2004	YA41292	MAYO
JASON	228	12/31/2004	YA41293	MAYO
JASON	229	12/31/2004	YA41294	MAYO
JASON	230	12/31/2004	YA41295	MAYO
JASON	231	12/31/2004	YA41296	MAYO
JASON	232	12/31/2004	YA41297	MAYO
JASON	233	12/31/2004	YA41298	MAYO
JASON	234	12/31/2004	YA41299	MAYO
JASON	235	12/31/2004	YA41300	MAYO
JASON	236	12/31/2004	YA41301	MAYO
JASON	237	12/31/2004	YA41302	MAYO
JASON	238	12/31/2004	YA41303	MAYO
JASON	239	12/31/2004	YA41304	MAYO
JASON	240	12/31/2004	YA41305	MAYO
MIKE	1	12/31/1996	YA00024	WATSON LAKE
MIKE	2	12/31/1996	YA00025	WATSON LAKE
MIKE	3	12/31/1996	YA00805	WATSON LAKE
MIKE	4	12/31/1996	YA11541	WATSON LAKE
MIKE	5	12/31/1996	YA11542	WATSON LAKE
MIKE	6	12/31/1996	YA11543	WATSON LAKE
MIKE	7	12/31/1996	YA11544	WATSON LAKE
MIKE	8	12/31/1996	YA11545	WATSON LAKE
MIKE	9	12/31/1996	YA11546	WATSON LAKE

PAGE NO. 7
02/13/1992

CLAIM LISTING - JASON PROPERTY

Name		Expiry	Record No	Mining Division
MIKE	10	12/31/1996	YA11547	WATSON LAKE

A P P E N D I X III

Filing Records

FOX GEOLOGICAL CONSULTANTS LTD.

1409 - 409 Granville Street,
Vancouver, B.C.
Canada V6C 1T8

Tel. (604) 669-5736
Fax. (604) 681-3920

COPY

TRANSMITTAL LETTER

TO: Patti McLeod
Mining Recorder
Watson Lake Mining District
New Resources Building
Watson Lake, Yukon
Y0A 1C0

DATE: December 20, 1991
PROJECT NO: 166

Sent by: Courier Fax Mail Hand Via Loomis

QUANTITY	ITEM	DESCRIPTION
6		Grouping Notices A-F with Maps
6		Applications for Certificate of Work A-F (notarized)
1		Letter of Agent
1		Drill Plan Map for reference
1		Cheque for \$1,830.00 for fees

REMARKS:

Please find enclosed applications for grouping and certificates of work for the Jason property. Report to follow.

Per: Robert S. Cameron
Robert S. Cameron, B.Sc.
Agent for MacPass Resources Ltd.

RODNEY A. SNOW

2800 PARK PLACE
666 BARRARD STREET
VANCOUVER, CANADA
V6C 2Z7

(604) 643-2969

COPY

December 20, 1990

BY TELECOPIER

Mr. Robert Cameron
c/o Fox Geological Consultants Ltd.
1409 - 409 Granville Street
Vancouver, B.C.
V6C 1T8

Dear Mr. Cameron:

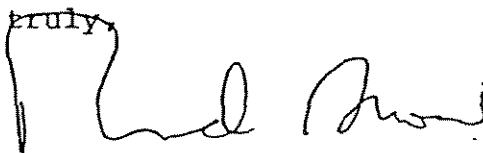
Re: MacPass Resources Limited

This will confirm that you have authority to act as agent for MacPass Resources Limited in connection with all matters related to the preparation and filing of assessment work reports, grouping notices, and other matters related to mineral claim maintenance in the Yukon Territory.

You are hereby authorized to furnish a copy of this letter to any mining recorder in the Yukon Territory as evidence of your authority to act as agent for MacPass Resources Limited. Please advise any such mining recorder to telephone the undersigned if they have any questions.

Yours truly,

Per:



Rodney A. Snow, Secretary
MacPass Resources Limited

RAS:mk

cc: Watson Lake Mining Recorder.



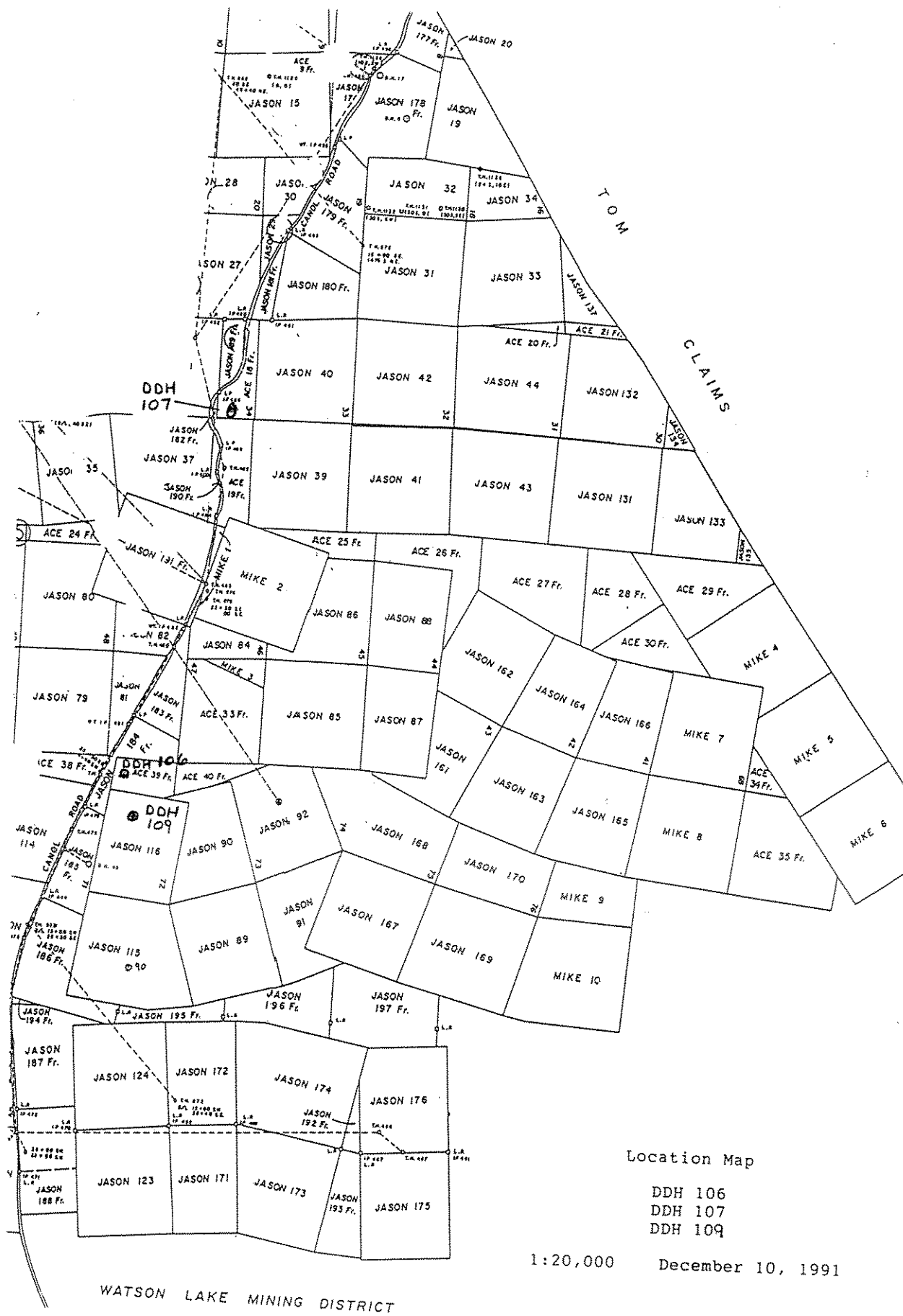
Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

GENERAL RECEIPT
RÉCÉPISSÉ GÉNÉRAL

C 51449

Date		Branch - Direction	
23 Dec 91		NIAP	
Nature and no. of remittance - Forme et n° de la remise		Invoice no. - N° de facture	
Cheque # 8619 - Courier			
Received the sum of - Reçu la somme de		Location - Endroit	
- one thousand eight hundred thirty ⁰⁰		Watson Lake.	
		100 Dollars \$ 1830.00	
From - De		For - Pour	
(Fox Geological Consultants Ltd.)		Record Assess.	
1409 - 409 Grandville St.		6 grps - 360 alm yrs.	
Vancouver BC V6C 1T8		Jason claims 105-0-1	
		M. C. Cook	
		Authorized officer - Fonctionnaire autorisé	

20-464 (12-87) 7530-21-023-4068



Location Map

DDH 106
 DDH 107
 DDH 109

1:20,000

December 10, 1991

WATSON LAKE MINING DISTRICT

Group A

APPLICATION FOR A CERTIFICATE OF WORK
FORM 4 (SEC. 53)
YUKON QUARTZ MINING ACT

This form required in duplicate with sketch showing location of work.

Office Date Stamp

I. (name) Robert Cameron, occupation Geologist
of (postal address) 1409-909 Granville St., Vancouver, B.C.

make oath and say that:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Jason 116 Y 84516
Ace 18 Fr YA 11526
Ace 39 Fr YA 11539

situated at Macmillan Pass Claim Sheet No. 105/01
in the Watson Lake Mining District, to the value of at least \$119,466.50 dollars,
since the 17th day of July 19 91

to represent the following mineral claims under the authority of Grouping Certificate No. Grouping Notice Enclosed.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Y 84515	Jason 115	4 Yrs	Y 93967	Jason 176	4 Yrs
Y 84516	Jason 116	4 Yrs	YA 20146	Jason 188 Fr	4 Yrs
Y 84517	Jason 123	4 Yrs	YA 35586	Jason 192 Fr	4 Yrs
Y 84518	Jason 124	4 Yrs	YA 35587	Jason 193 Fr	4 Yrs
Y 93962	Jason 171	4 Yrs	YA 35589	Jason 195 Fr	4 Yrs
Y 93963	Jason 172	4 Yrs	YA 35590	Jason 196 Fr	4 Yrs
Y 93964	Jason 173	4 Yrs	YA 35591	Jason 197 Fr	4 Yrs
Y 93965	Jason 174	4 Yrs			
Y 93966	Jason 175	4 Yrs			

- The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Date Commenced July 17, 1991; Completed Sept. 11, 1991
 Diamond Drillhole 106 on Ace 39 Fr 347.4 m
 Diamond Drillhole 107 on Ace 18 Fr 300.3 m
 Diamond Drillhole 109 on Jason 116 283.8 m
 Costs \$128.25/m 931.5 m

Report to Follow

Sworn before me at VANCOUVER, B.C.
this 19th day of December, 19 91

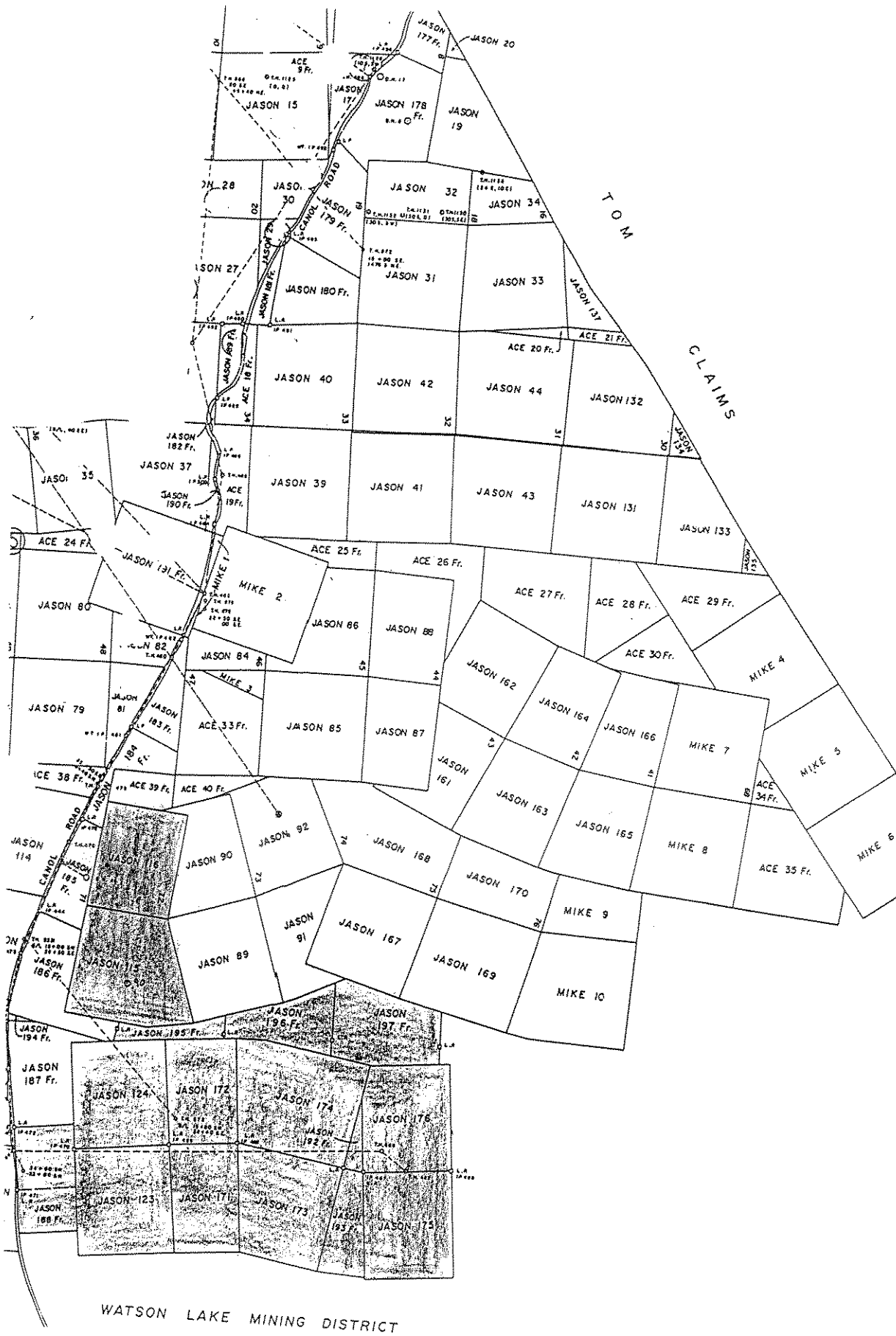
Rodney P. Bitt
RODNEY P. BITT

2800 Park Place
666 Burrard St.

Vancouver, B.C. V6C 2Z7
607.0111

Robert Cameron
Owner or Authorized Agent

Group A



WATSON LAKE MINING DISTRICT

Group B

APPLICATION TO GROUP MINERAL CLAIMS
YUKON QUARTZ MINING ACT

Office Date Stamp

Mining District

Watson Lake

(We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

Grant Number(s)	Claim Name(s)	Location	Claim Sheet Number
Y84511	Jason 89	MacMillan Pass	105/01
Y84513	Jason 91		
Y84516	Jason 116		
Y93958	Jason 147		
Y93959	Jason 168		
Y93960	Jason 169		
Y93961	Jason 170		
YA11539	Ace 39 Fr		
YA20142	Jason 184 Fr		
YA20143	Jason 185 Fr		
YA20144	Jason 186 Fr		
YA20145	Jason 187 Fr		
YA35588	Jason 194 Fr		
YA11545	Mike 8		
YA11546	Mike 9		
YA11547	Mike 10		

Notice of Intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

We hereby certify that the above claims are adjoining as shown on attached sketch.

at VANCOUVER, BC

19th day of December, 1991

Paul Chouin

Owner(s) Signature

FOR OFFICE USE ONLY

"E" Number	Receipt Number	Date Applied
------------	----------------	--------------

Group B

APPLICATION FOR A CERTIFICATE OF WORK
FORM 4 (SEC. 53)
YUKON QUARTZ MINING ACT

This form required in duplicate with sketch showing location of work.

Office Date Stamp

I, (name) Robert Cameron, occupation Geologist
of (postal address) 1409 - 409 Granville St., Vancouver, B.C.
make oath and say that:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Jason 116 Y84516
Ace 39 Fr YA 11539
Ace 18 Fr YA 11526

situated at MacMillan Pass Claim Sheet No. 105/01
in the Watson Lake Mining District, to the value of at least 119 466.50 dollars,
since the 17th day of July 19 91

do represent the following mineral claims under the authority of Grouping Certificate No. Grouping Notice Enclosed.
Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested.

Y 84511	Jason 89	4 Yrs	YA 20145	Jason 187 Fr	4 Yrs
Y 84513	Jason 91	4 Yrs	YA 35588	Jason 199 Fr	4 Yrs
Y 93958	Jason 167	4 Yrs	YA 11545	Mike 8	4 Yrs
Y 93959	Jason 168	4 Yrs	YA 11546	Mike 9	4 Yrs
Y 93960	Jason 169	4 Yrs	YA 11547	Mike 10	4 Yrs
Y 93961	Jason 170	4 Yrs			

RAS

YA 20142 Jason 189 Fr 4 Yrs
YA 20143 Jason 185 Fr 4 Yrs
YA 20144 Jason 186 Fr 4 Yrs

The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Date Commenced July 17, 1991; Completed Sept 11, 1991
Diamond Drill Hole 106 on Ace 39 Fr 347.4m
Diamond Drill Hole 107 on Ace 18 Fr 300.3m
Diamond Drill Hole 109 on Jason 116 283.8m
Costs \$ 128.25/m 931.5m

Report to Follow

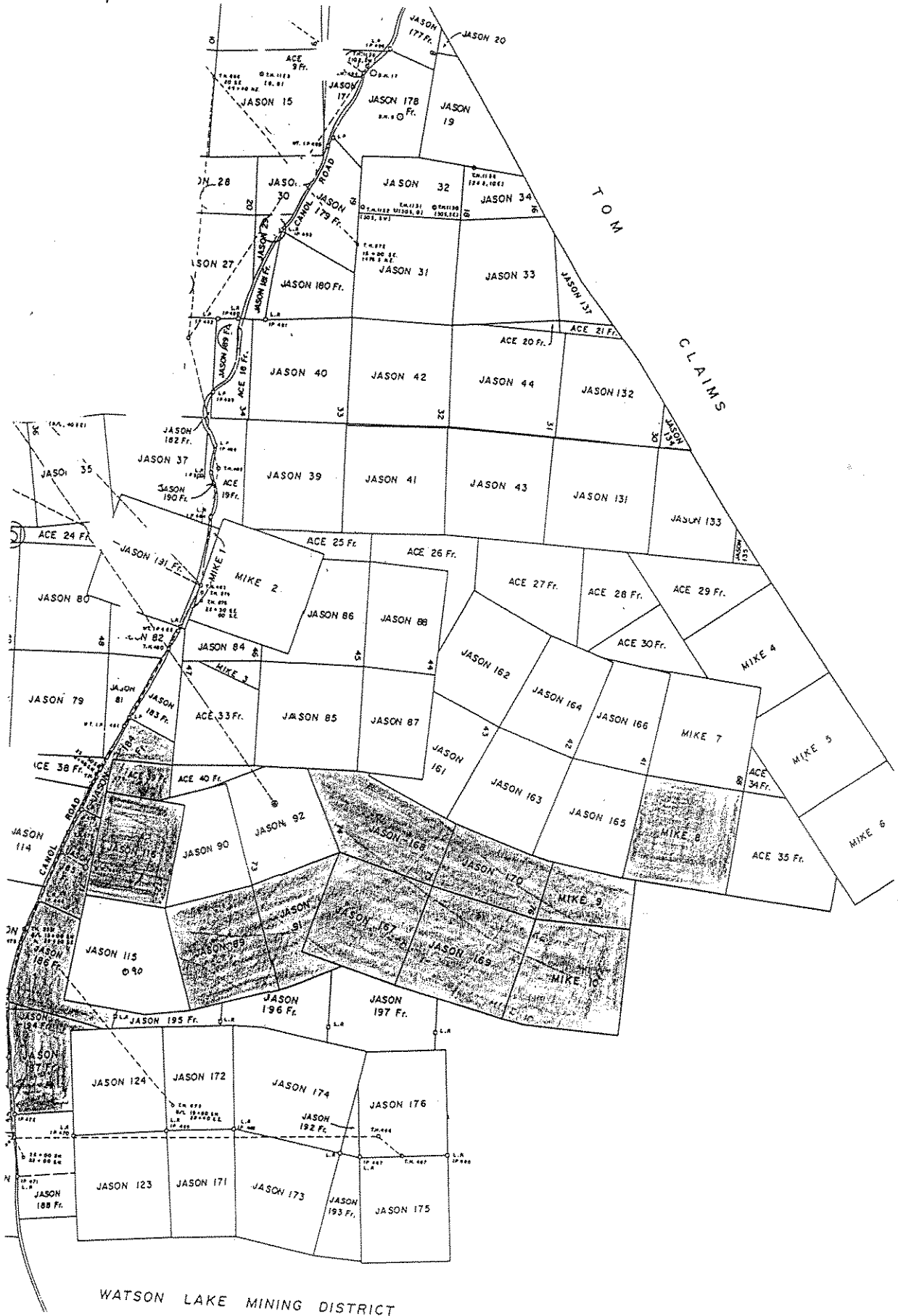
sworn before me at VANCOUVER, B.C.
 on 19th day of December, 19 91.

Rodney A. Snow
RODNEY A. SNOW

Robert Cameron

Owner or Authorized Agent

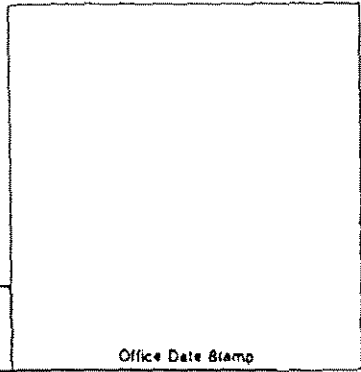
Group B



WATSON LAKE MINING DISTRICT

Group C

APPLICATION TO GROUP MINERAL CLAIMS
YUKON QUARTZ MINING ACT



Mining District: Watson Lake

Office Date Stamp

I (We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

Grant Number(s)	Claim Name(s)	Location	Claim Sheet Number
Y 84507	Jason 85	MacMillan Pass	105/01
Y 84509	Jason 87		
Y 84512	Jason 90		
Y 84514	Jason 92		
Y 84516	Jason 116		
Y 93952	Jason 161		
Y 93954	Jason 163		
Y 93956	Jason 165		
Y 93957	Jason 166		
YA 11535	Ace 30 Fr		
YA 11537	Ace 34 Fr		
YA 11538	Ace 35 Fr		
YA 11541	Mike 4		
YA 11542	Mike 5		
YA 11543	Mike 6		
YA 11544	Mike 7		

I hereby give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

We) hereby certify that the above claims are adjoining as shown on attached sketch.

at VANCOUVER, B.C.

on 19th day of December, 19 91.

Paul Cunniff

Owner(s) Signature

FOR OFFICE USE ONLY

"E" Number	Receipt Number	Date Applied
------------	----------------	--------------

Group C

APPLICATION FOR A CERTIFICATE OF WORK
FORM 4 (SEC. 53)
YUKON QUARTZ MINING ACT

This form required in duplicate with sketch showing location of work.

Office Date Stamp

(name) Robert Cameron, occupation Geologist

(postal address) 1409-409 Grenville St, Vancouver, BC

I make oath and say that:

I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Jason 116 Y 84516
Ace 18 Fr YA 11526
Ace 39 Fr YA 11539

located at MacMillan Pass Claim Sheet No. 105/01

the Watson Lake Mining District, to the value of at least \$ 119,466.50 dollars,

since the 17th day of July 19 91

represent the following mineral claims under the authority of Grouping Certificate No. Grouping Notice Enclosed
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Y 84507	Jason 85	4 Yrs	YA 11538	Ace 35 Fr	4 Yrs
Y 84509	Jason 87	4 Yrs	YA 11541	Mike 4	4 Yrs
Y 84512	Jason 90	4 Yrs	YA 11542	Mike 5	4 Yrs
Y 84514	Jason 92	4 Yrs	YA 11543	Mike 6	4 Yrs
Y 93952	Jason 161	4 Yrs	YA 11547	Mike 7	4 Yrs
Y 93954	Jason 163	4 Yrs			
Y 93956	Jason 165	4 Yrs			
Y 93957	Jason 166	4 Yrs			
YA 11535	Ace 30 Fr	4 Yrs			
YA 11537	Ace 34 Fr	4 Yrs			

The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Date Commenced July 17, 1991; Completed Sept 11, 1991

Diamond drill hole 106 on Ace 39 Fr 397.4 m

Diamond drill hole 107 on Ace 18 Fr 300.3 m

Diamond drill hole 109 on Jason 116 283.8 m

931.5 m

Costs \$ 128.25/m

Report to follow

In before me at VANCOUVER
19th day of December 19 91

RODNEY A. SNOW

2800 Barkly Public

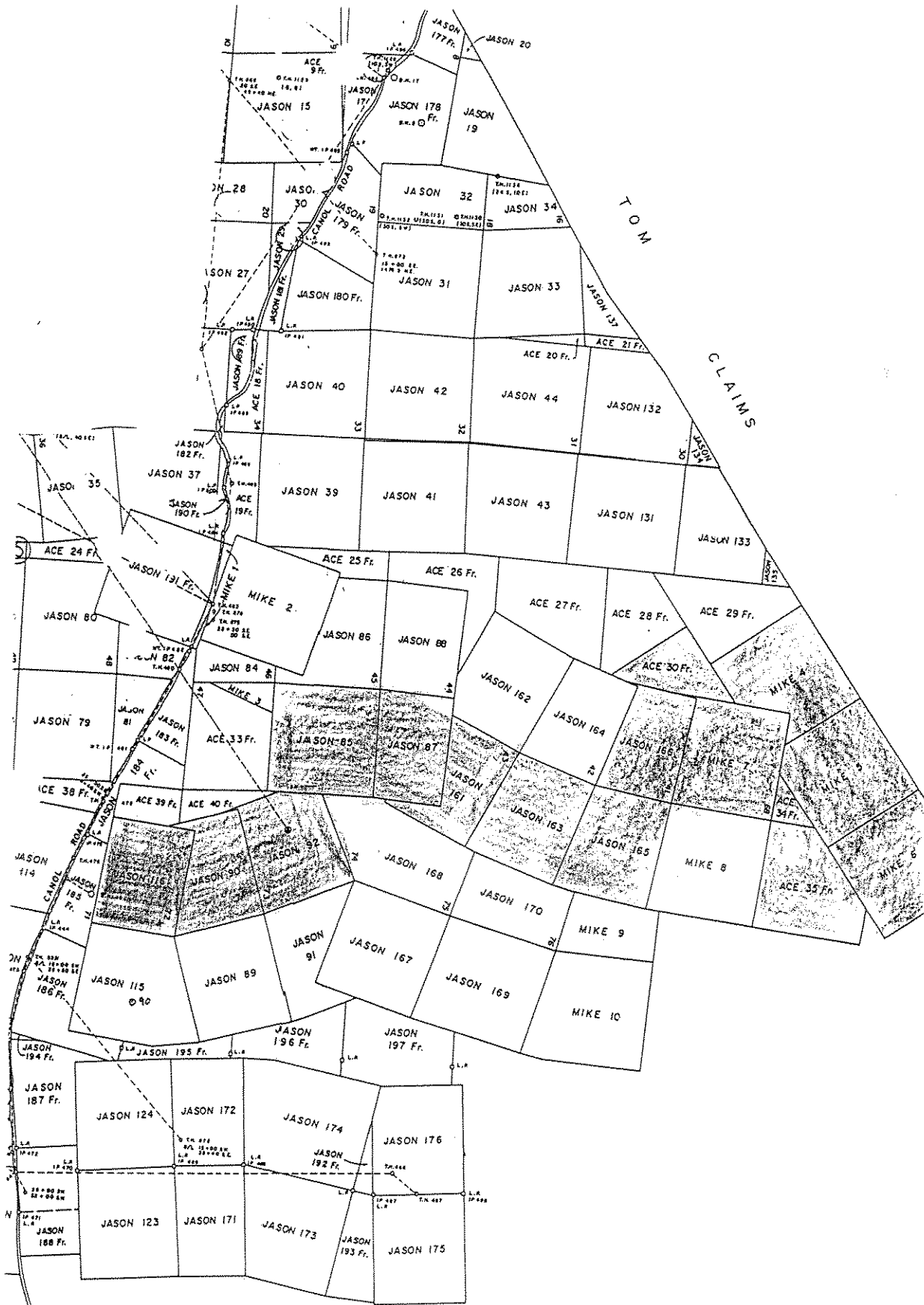
660 Burrard St.

Vancouver, B.C.

Robert Cameron

Owner or Authorized Agent

Group C



WATSON LAKE MINING DISTRICT

Group D

APPLICATION TO GROUP MINERAL CLAIMS
YUKON QUARTZ MINING ACT

Office Date Stamp

Mining District

Watson Lake

I (We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

Grant Number(s)	Claim Name(s)	Location	Claim Sheet Number
YA 84508	Jason 86	MacMillan Pass	105/01
YA 84510	Jason 88		
Y 84521	Jason 133		
Y 94471	Jason 135		
Y 93953	Jason 162		
Y 93955	Jason 164		
YA 11530	Ace 25 Fr		
YA 11531	Ace 26 Fr		
YA 11532	Ace 27 Fr		
YA 11533	Ace 28 Fr		
YA 11534	Ace 29 Fr		
YA 11536	Ace 33 Fr		
YA 11539	Ace 39 Fr		
YA 11540	Ace 40 Fr		
YA 00805	Mike 3 Fr		

I hereby give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

I (We) hereby certify that the above claims are adjoining as shown on attached sketch.

Filed at VANCOUVER, BC

on 19th day of December, 1991.

Pat Curran

Owner(s) Signature

FOR OFFICE USE ONLY

Form "E" Number	Receipt Number	Date Applied
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Group D

APPLICATION FOR A CERTIFICATE OF WORK
FORM 4 (SEC. 53)
YUKON QUARTZ MINING ACT

This form required in duplicate with sketch showing location of work.

Office Date Stamp

1. (name) Robert Cameron, occupation Geologist
of (postal address) 1409-409 Granville St., Vancouver, BC
make oath and say that:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Jason 116 Y 84516
Acc 18 Fr YA 11526
Acc 39 Fr YA 11539

situated at MacMillan Pass Claim Sheet No. 105/01
in the Watson Lake Mining District, to the value of at least 119,466.50 dollars,
since the 17th day of July 19 91

to represent the following mineral claims under the authority of Grouping Certificate No. Grouping Notice Enclosed.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

YA 84508 Jason 86 4 Yrs	YA 11534 Acc 29 Fr 4 Yrs
YA 84510 Jason 88 4 Yrs	YA 11536 Acc 33 Fr 4 Yrs
Y 84521 Jason 133 4 Yrs	YA 11539 Acc 39 Fr 4 Yrs
Y 94471 Jason 135 4 Yrs	YA 11540 Acc 40 Fr 4 Yrs
Y 93953 Jason 162 4 Yrs	YA 00805 Mike 3 Fr 4 Yrs
Y 93955 Jason 164 4 Yrs	
YA 11530 Acc 25 Fr 4 Yrs	
YA 11531 Acc 26 Fr 4 Yrs	
YA 11532 Acc 27 Fr 4 Yrs	
YA 11533 Acc 28 Fr 4 Yrs	

i. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Date Commenced July 17, 1991; Completed Sept 11, 1991

Diamond Drill Hole 106 on Acc 39 Fr 347.4 m

Diamond Drill Hole 107 on Acc 18 Fr 300.3 m

Diamond Drill Hole 109 on Jason 116 283.8 m

Costs \$ 128.25 m

931.5 m

Report to Follow

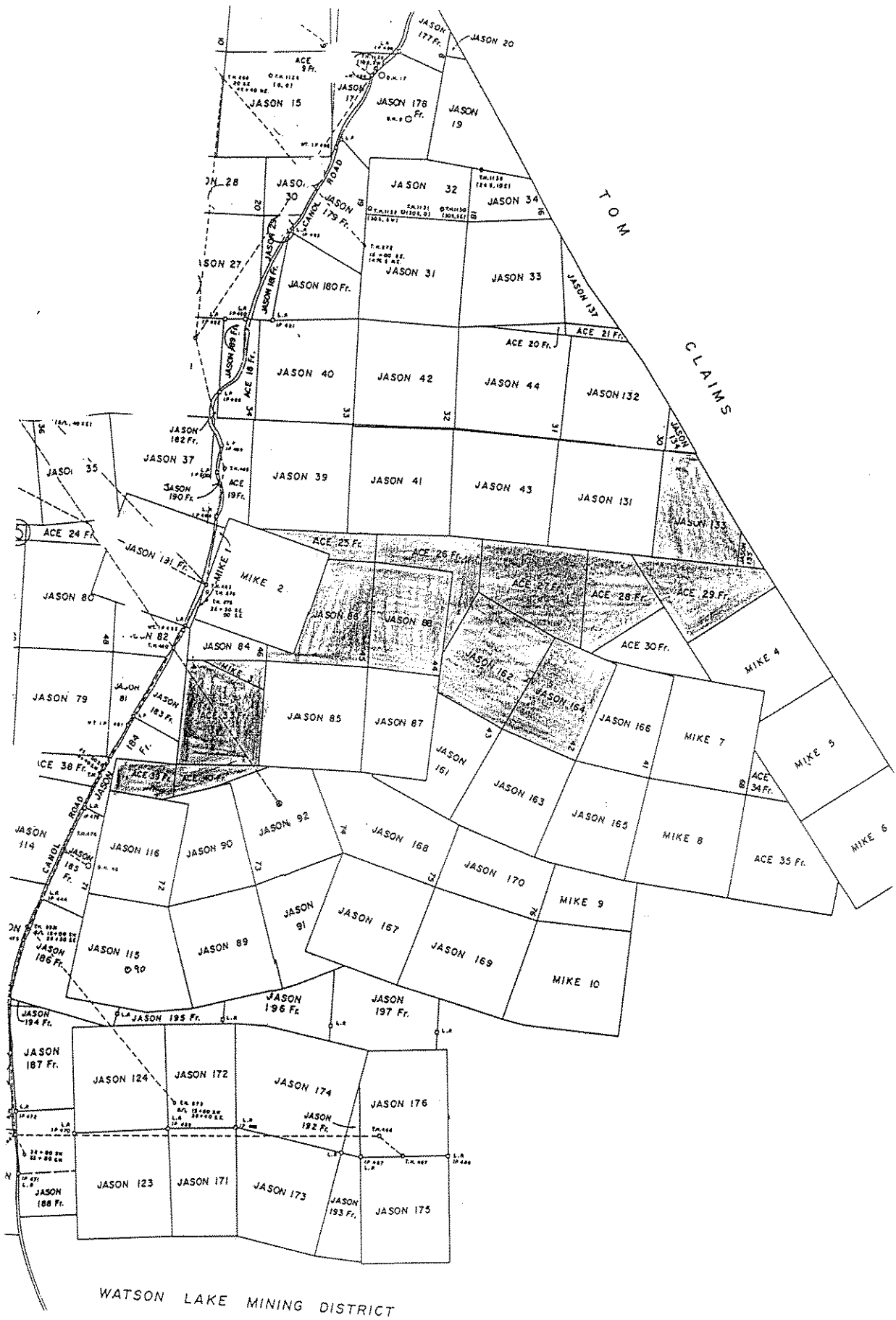
worn before me at VANCOUVER
is 19th day of December, 19 91

Rodney A. Snow
Notary Public
2880 Park Place
666 Burrard St.

Robert Cameron

Owner or Authorized Agent

Group D



WATSON LAKE MINING DISTRICT

Group E

APPLICATION TO GROUP MINERAL CLAIMS
YUKON QUARTZ MINING ACT

Office Date Stamp

Mining District

Watson Lake

I (We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

Grant Number(s)	Claim Name(s)	Location	Claim Sheet Number
Y96228	Jason 39	MacMillon Pass	105/01
Y96229	Jason 40		
Y83276	Jason 41		
Y83277	Jason 42		
Y83278	Jason 43		
Y83279	Jason 44		
Y84530	Jason 84		
Y84519	Jason 131		
Y84520	Jason 132		
Y84522	Jason 134		
YA20141	Jason 183 Fr		
YA11527	Ace 19 Fr		
YA11536	Ace 33 Fr		
YA11539	Ace 39 Fr		
YA00024	Mike 1		
YA00025	Mike 2		

I hereby give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

I (We) hereby certify that the above claims are adjoining as shown on attached sketch.

Dated at VANCOUVER, BC

19th day of December, 1991

Paul Cameron

Owner(s) Signature

FOR OFFICE USE ONLY

Form "E" Number

Receipt Number

Date Applied

Group C

APPLICATION FOR A CERTIFICATE OF WORK
FORM 4 (SEC. 53)
YUKON QUARTZ MINING ACT

This form required in duplicate with sketch showing location of work.

Office Data Stamp

I, (name) Robert Cameron, occupation Geologist
of (postal address) 1409-409 Granville St., Vancouver, B.C.
make oath and say that:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Jason 116 Y84516
 Ace 18 Fr YA 11526
 Ace 39 Fr YA 11539

situated at MacMillan Pass Claim Sheet No. 105/01
 in the Watson Lake Mining District, to the value of at least 119,466.50 dollars,
 since the 17th day of July 19 90

to represent the following mineral claims under the authority of Grouping Certificate No. Grouping Notice Enclosed
 (Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Y96228	Jason 39	4 YRS	YA 00141	Jason 183 Fr	4 YRS
Y96229	Jason 40	4 YRS	YA 11527	Ace 19 Fr	4 YRS
Y83276	Jason 41	4 YRS	YA 00024	Mike 1	4 YRS
Y83277	Jason 42	4 YRS	YA 00025	Mike 2	4 YRS
Y83278	Jason 43	4 YRS			
Y83279	Jason 44	4 YRS			
Y84530	Jason 84	4 YRS			
Y84519	Jason 131	4 YRS			
Y84520	Jason 132	4 YRS			
Y84522	Jason 134	4 YRS			

The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Date Commenced July 17, 1991; Completed Sept 11, 1991
 Diamond Drill Hole 106 on Ace 39 Fr 347.4 m
 Diamond Drill Hole 107 on Ace 18 Fr 300.3 m
 Diamond Drill Hole 109 on Jason 116 283.8 m
 Costs \$ 128,25 m 931.5 m

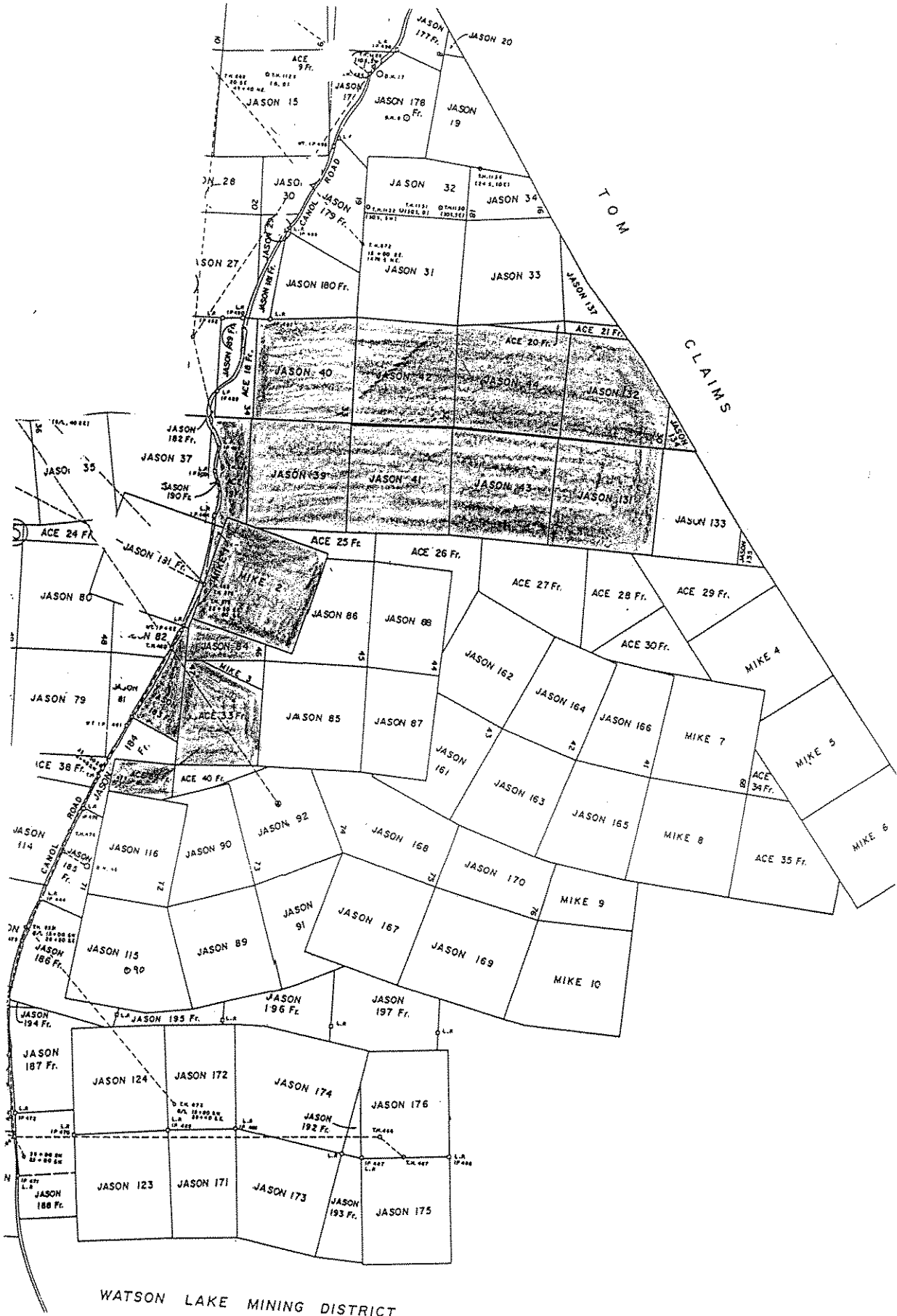
Report to Follow

worn before me at VANCOUVER, BC
 is 19th day of DECEMBER, 19 91

Rodney A. Snow
 8860 Park Place
 Notary Public
 655 Burrard St.

Robert Cameron
 Owner or Authorized Agent

Map E



WATSON LAKE MINING DISTRICT

Group F

APPLICATION TO GROUP MINERAL CLAIMS
YUKON QUARTZ MINING ACT

Office Date Stamp

Mining District

Watson Lake

I (We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

Grant Number(s)	Claim Name(s)	Location	Claim Sheet Number
Y 96210	Jason 19	Macmillan Pass	105/01
Y 96211	Jason 20		
Y 96222	Jason 31		
Y 96223	Jason 32		
Y 83274	Jason 33		
Y 83275	Jason 34		
Y 84525	Jason 137		
YA 20135	Jason 177 Fr		
YA 20136	Jason 178 Fr		
YA 20137	Jason 179 Fr		
YA 20138	Jason 180 Fr		
YA 20139	Jason 181 Fr		
YA 20190	Jason 182 Fr		
YA 11526	ACE 18 Fr		
YA 11528	ACE 20 Fr		
YA 11529	ACE 21 Fr		

give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

I (We) hereby certify that the above claims are adjoining as shown on attached sketch.

Filed at VANCOUVER
 on 19th day of December, 1991
Paul Cameron
 AGENT

Owner(s) Signature

FOR OFFICE USE ONLY

Form "E" Number	Receipt Number	Date Applied
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Group F

APPLICATION FOR A CERTIFICATE OF WORK
FORM 4 (SEC. 53)
YUKON QUARTZ MINING ACT

This form required in duplicate with sketch showing location of work.

Office Date Stamp

(name) Robert Cameron occupation Geologist
(postal address) 1909-409 Granville St., Vancouver, B.C.

I make oath and say that:

I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Jason 116 Y 84516
Ace 18 Fr YA 11526
Ace 39 Fr YA 11539

located at MacMillan Pass Claim Sheet No. 105/01
the Watson Lake Mining District, to the value of at least 119,466.50 dollars.
on the 17th day of July 19 91

represent the following mineral claims under the authority of Grouping Certificate No. Grouping Notice Enclosed.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Y96210	Jason 19	4 Yrs	YA 20138	Jason 180 Fr	4 Yrs
Y96211	Jason 20	4 Yrs	YA 20139	Jason 181 Fr	4 Yrs
Y96222	Jason 31	4 Yrs	YA 20140	Jason 182 Fr	4 Yrs
Y96223	Jason 32	4 Yrs	YA 11526	Ace 18 Fr	4 Yrs
Y83274	Jason 33	4 Yrs	YA 11528	Ace 20 Fr	4 Yrs
Y83275	Jason 34	4 Yrs	YA 11529	Ace 21 Fr	4 Yrs
Y84525	Jason 137	4 Yrs			
YA 20135	Jason 177 Fr	4 Yrs			
YA 20136	Jason 178 Fr	4 Yrs			
YA 20137	Jason 179 Fr	4 Yrs			

The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Date Commenced July 17, 1991; Completed Sept 11, 1991
Diamond Drill Lole 106 on Ace 39 Fr 347.4 m
Diamond Drill Lole 107 on Ace 18 Fr 300.3 m
Diamond Drill Lole 109 on Jason 116 283.8 m
Costs \$ 128.25/m 931.5 m

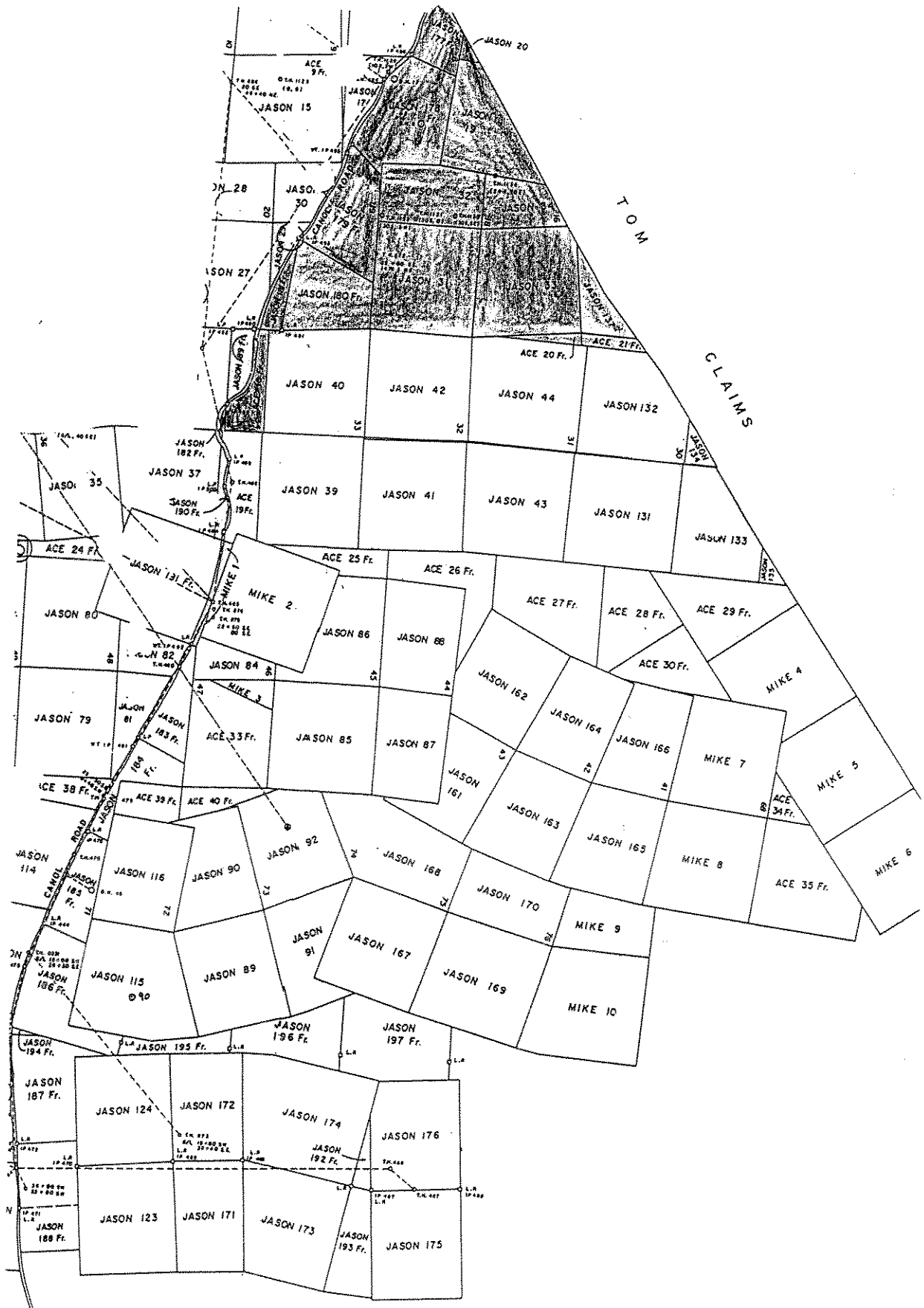
Report to Follow

in before me at VANCOUVER, BC
19th day of DECEMBER 19 91

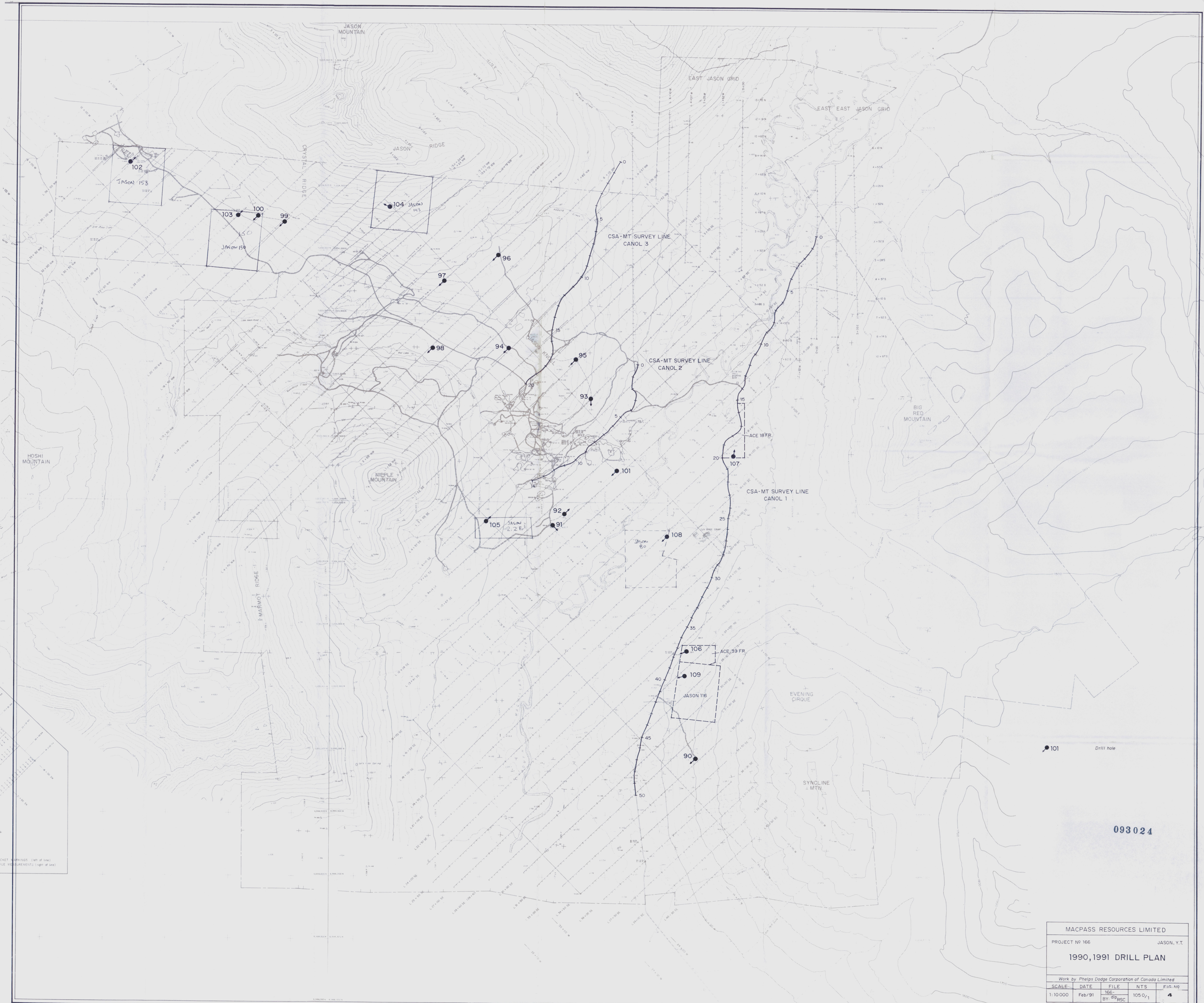
[Signature]
Registrar of Companies
2800 Park Place
Vancouver, B.C.
666 Burrard St.
V6C 2K7

[Signature]
Owner or Authorized Agent

Group 1



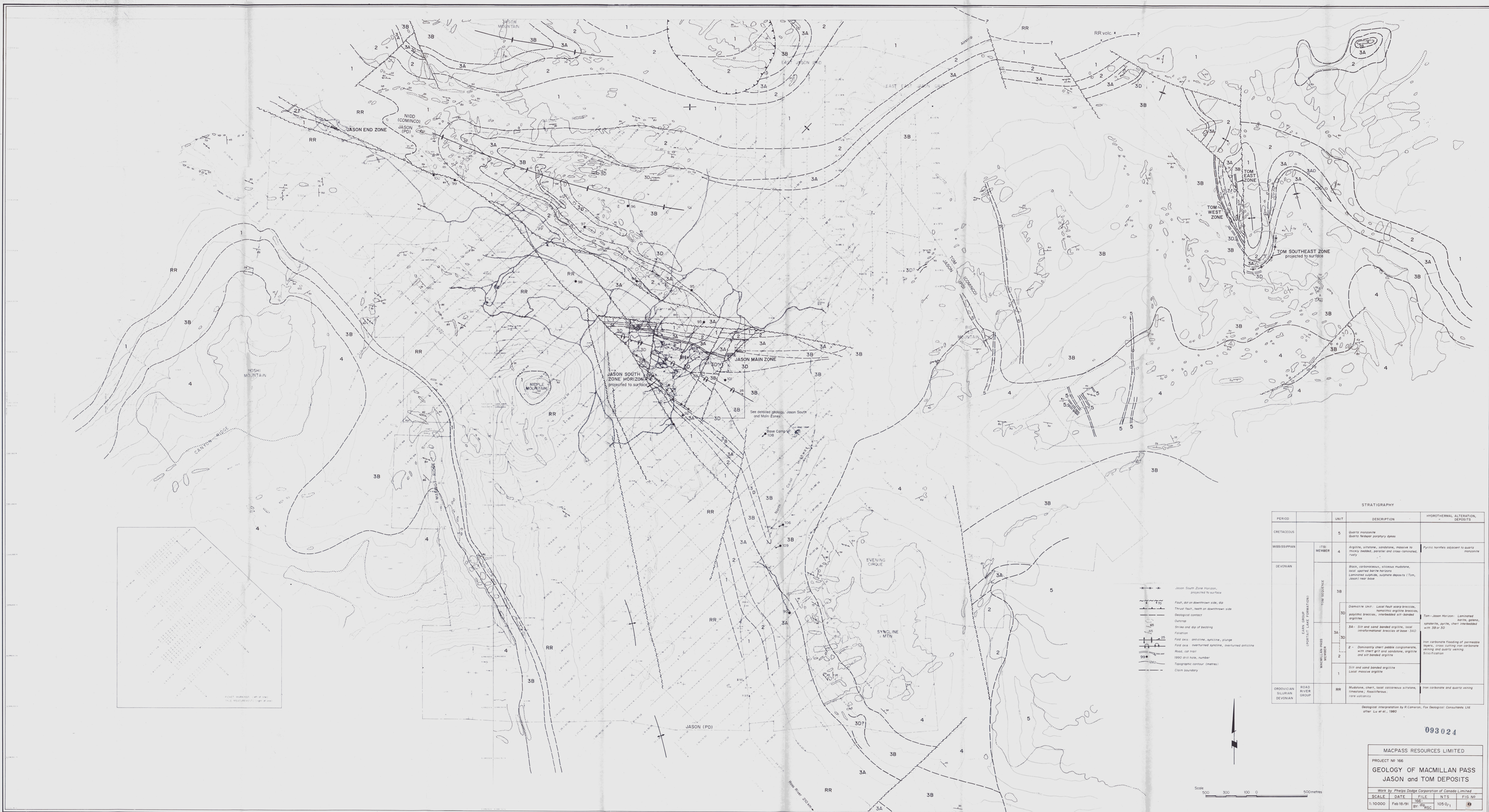
WATSON LAKE MINING DISTRICT



093024

MACPASS RESOURCES LIMITED				
PROJECT NO 166		JASON, Y.T.		
1990,1991 DRILL PLAN				
<small>Work by Phelps Dodge Corporation of Canada Limited</small>				
SCALE	DATE	FILE	NTS	FIG. NO
1:10000	Feb/91	166-	105.0/1	4
		BY: RSC		

INSET DRAWINGS (left of line)
 PUE MEASUREMENTS (right of line)



STRATIGRAPHY

PERIOD	UNIT	DESCRIPTION	HYDROTHERMAL ALTERATION, DEPOSITS			
CRETACEOUS	5	Quartz monzonite Quartz felsic porphyry dykes				
MISSISSIPPIAN	ITS MEMBER 4	Argillite, siltstone, sandstone, massive to blocky bedded, parallel and cross-laminated, rusty	Pyritic horizons adjacent to quartz monzonite			
DEVONIAN	EARTH GROUP (PORTAIT LAKE FORMATION)	TOM SEQUENCE	3B	Black, carbonaceous, siliceous mudstone, local (shaded) argillite horizons Laminated siltstone, sulphate deposits (Tom, Jason) near base		
				3D	Dumfriesshire Unit - Local fault zone breccias, argillite breccias, interbedded silt-banded argillite	Tom-Jason Horizon - Laminated argillite, gneiss, sponatrite, pyrite, chert interbedded with 3B or 3D
				3A	3A - Silt and sand banded argillite, local interformational breccias at base 3A-D	
				3C	2 - Dominantly chert pebble conglomerate, with chert grit and sandstone, argillite and silt banded argillite	Non carbonate flooding of permeable layers, cross cutting iron carbonate veining and quartz veining Silicification
				3	Silt and sand banded argillite Local massive argillite	
ORDOVICIAN SLURIAN DEVONIAN	ROAD RIVER GROUP	RR	Mudstone, chert, local calcareous siltstone, (sandstone), fossiliferous - rare volcanics	Non carbonate and quartz veining		

Geological interpretation by R. Cameron, Fox Geological Consultants Ltd. after Lu et al., 1980.

093024

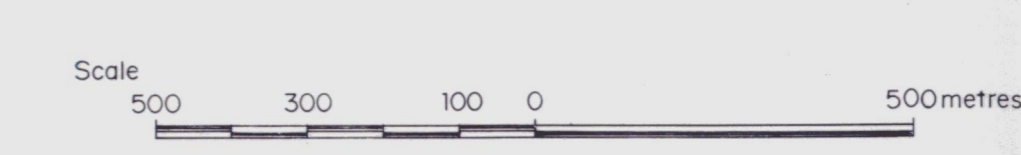
MACPASS RESOURCES LIMITED

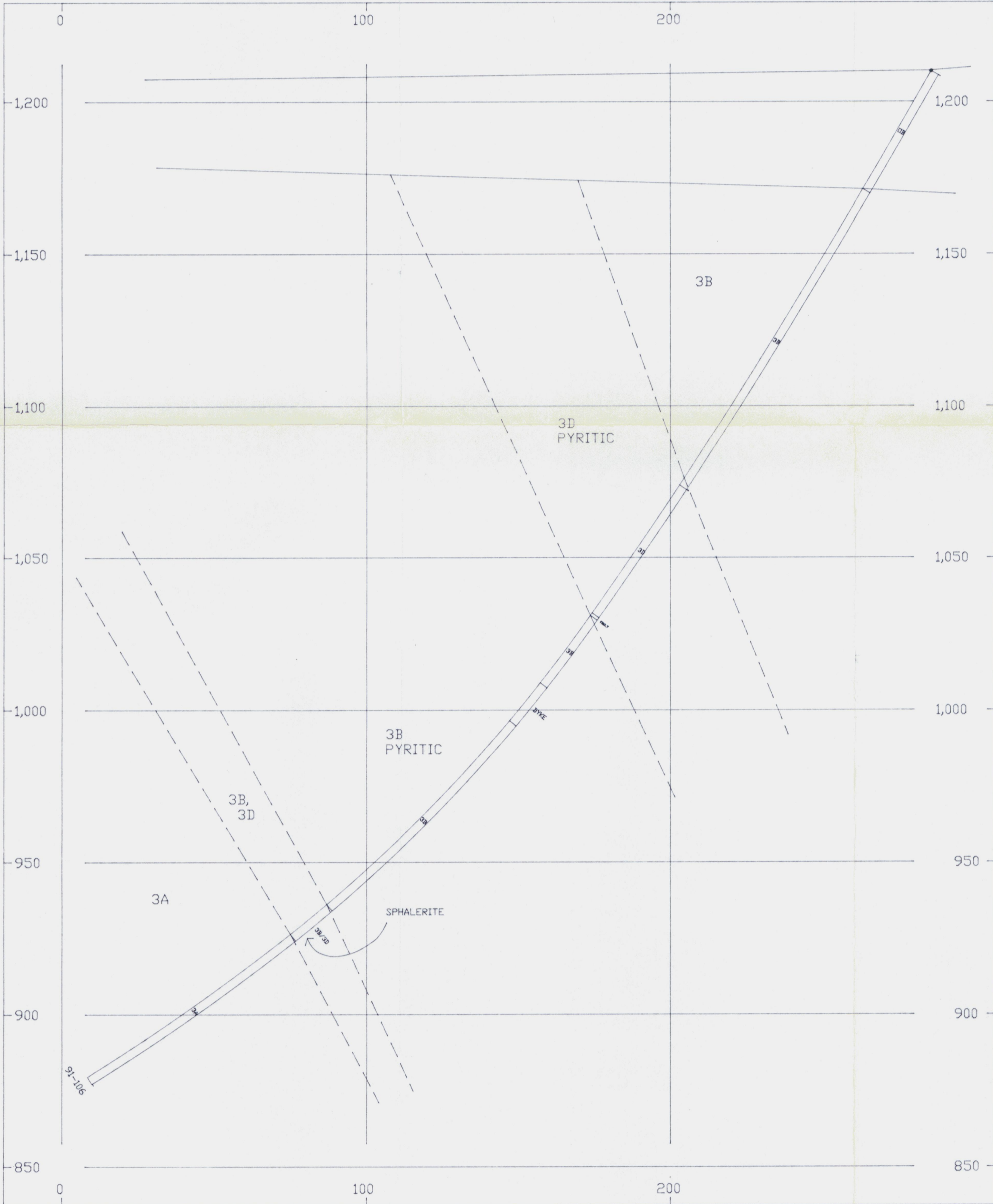
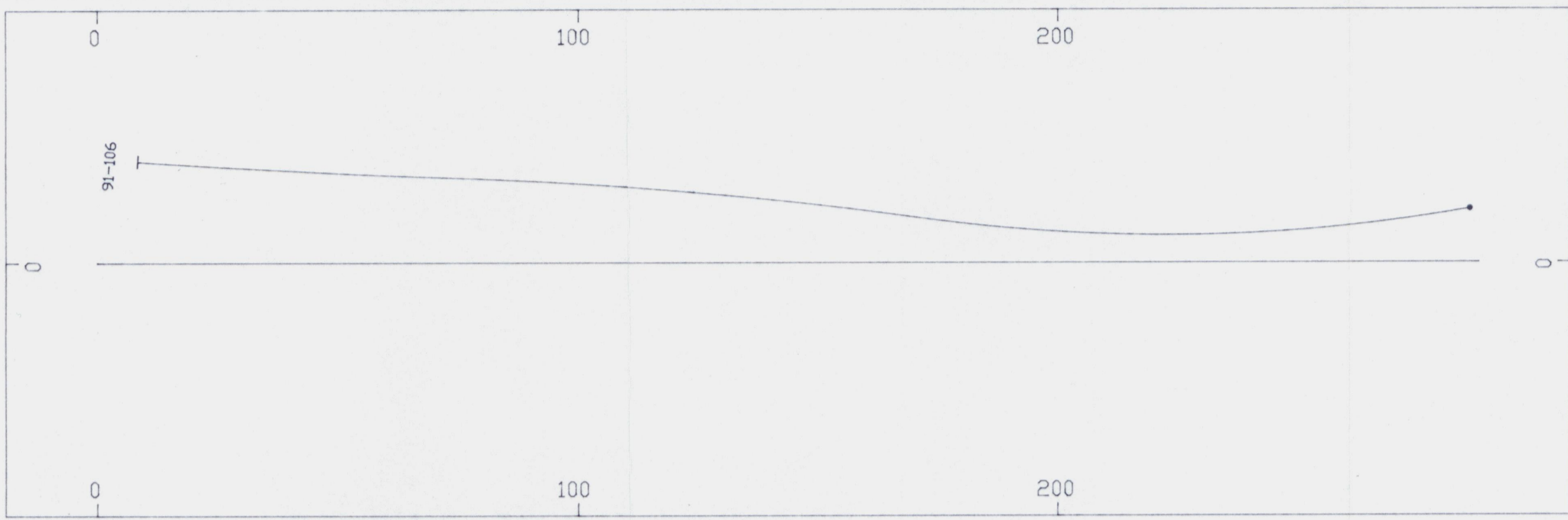
PROJECT NO 166

**GEOLOGY OF MACMILLAN PASS
JASON and TOM DEPOSITS**

Work by Phelps Dodge Corporation of Canada Limited

SCALE	DATE	FILE	NTS	FIG NO
1:10000	Feb 18/91	166	105/1	8
		By RSC		





093024

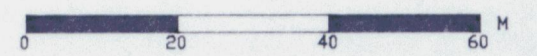
SECTION LOOKS 335 DEGREES

MACPASS RESOURCES LIMITED

PROJECT No 166 JASON PROJECT

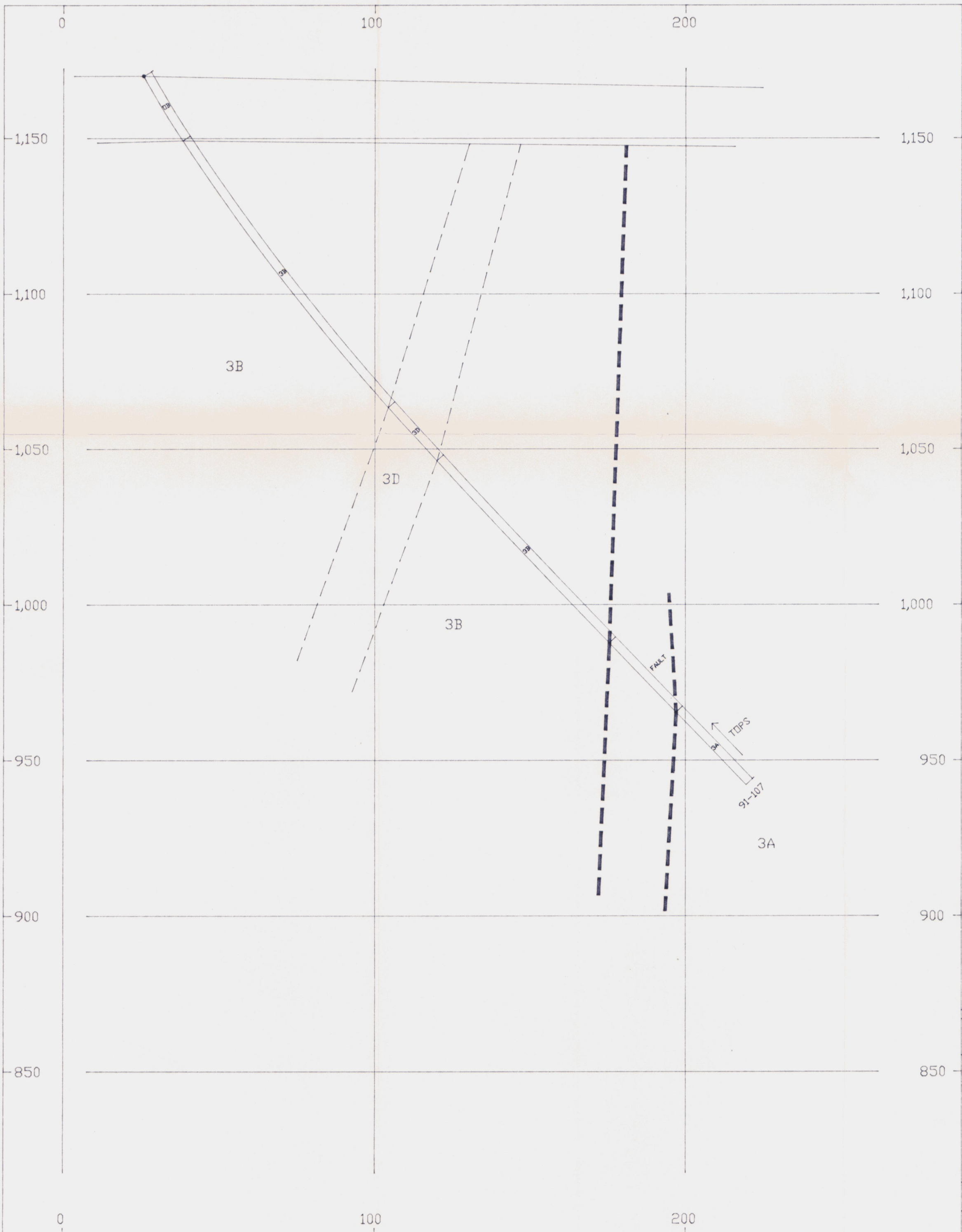
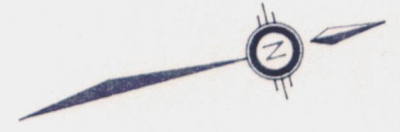
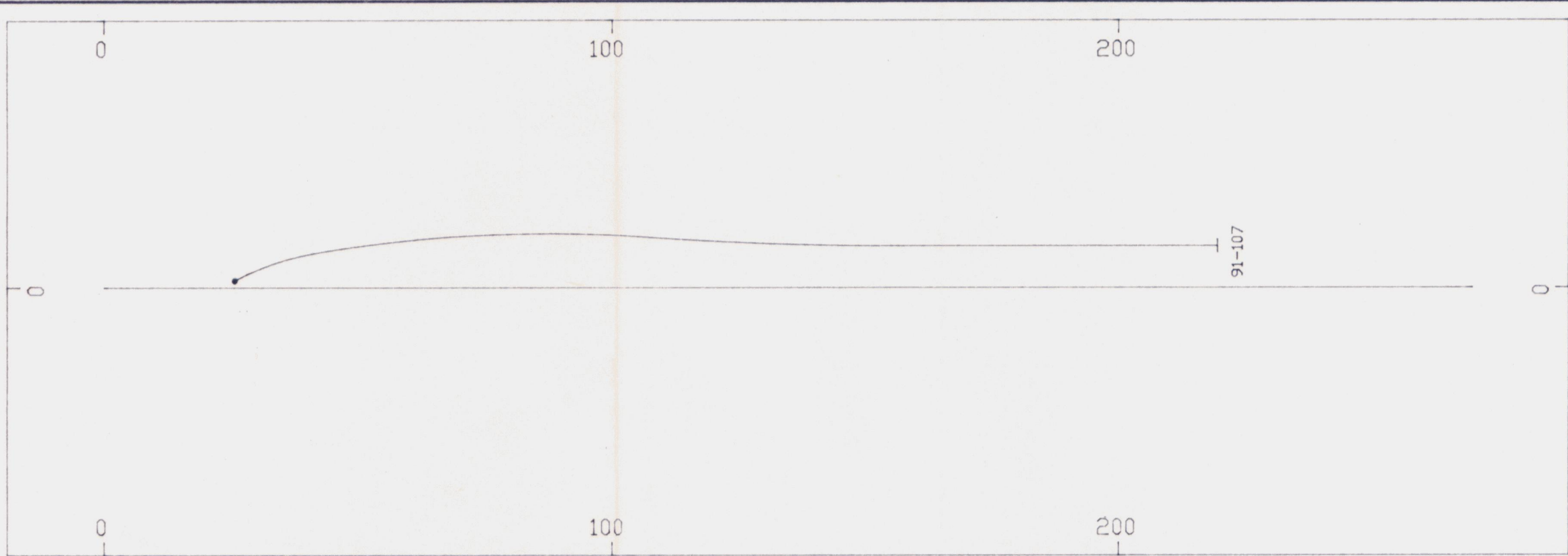
CROSS SECTION 90-106

Scale 1: 1000



DATE: NOV 91 NTS 10501 FIGURE 9

Work by Phelps Dodge Corporation of Canada Limited



----- FAULT

093024

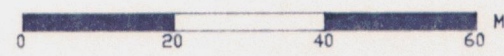
SECTION LOOKS 285 DEGREES

MACPASS RESOURCES LIMITED

PROJECT No 166 JASON PROJECT

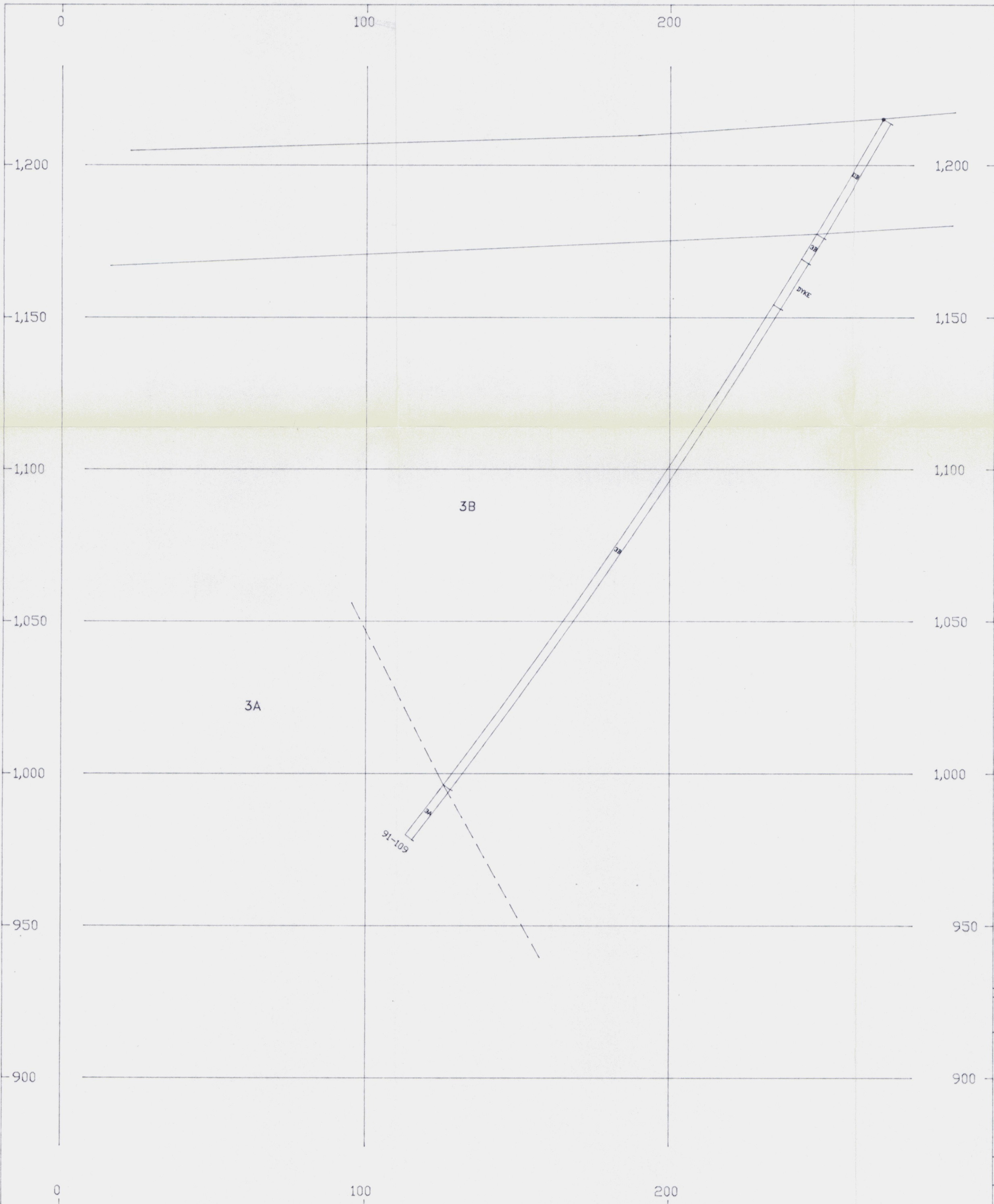
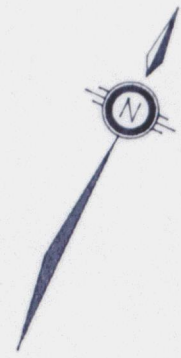
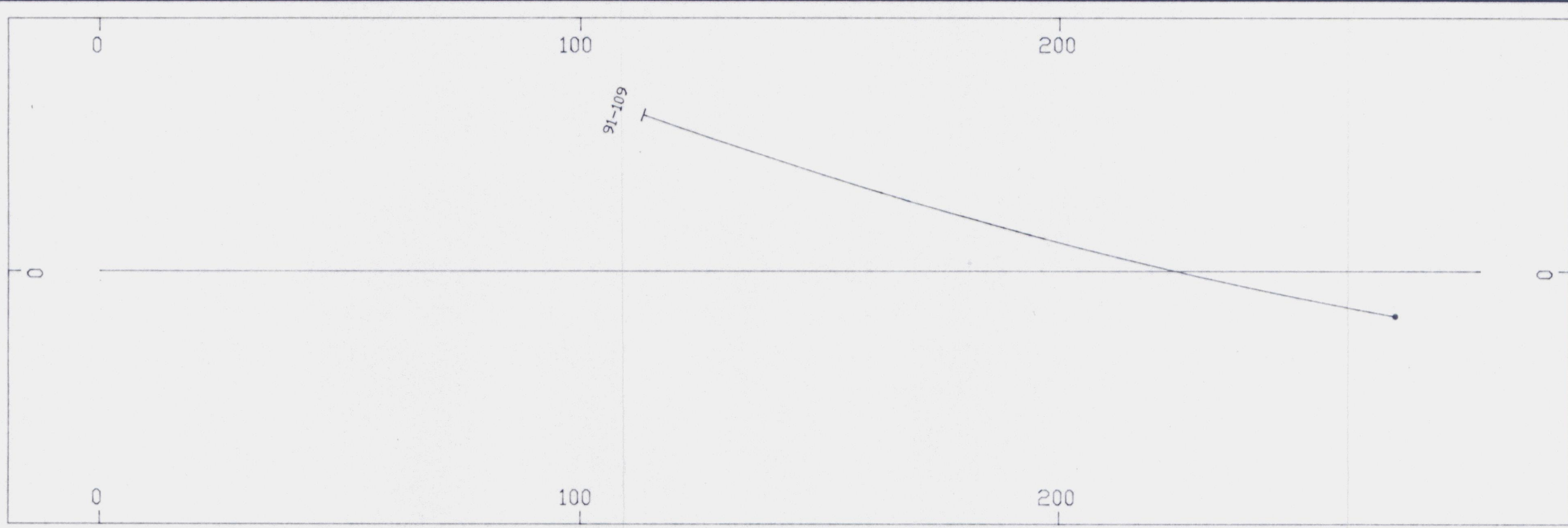
CROSS SECTION 90-107

Scale 1: 1000



DATE: NOV 91 NTS 10501 FIGURE 9

Work by Phelps Dodge Corporation of Canada Limited



093024

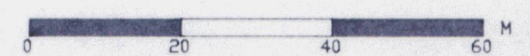
SECTION LOOKS 335 DEGREES

MACPASS RESOURCES LIMITED

PROJECT No 166 JASON PROJECT

CROSS SECTION 90-109

Scale 1: 1000



NOV 1991 NTS 10501 FIGUR 9

Work by Phelps Dodge Corporation of Canada Limited