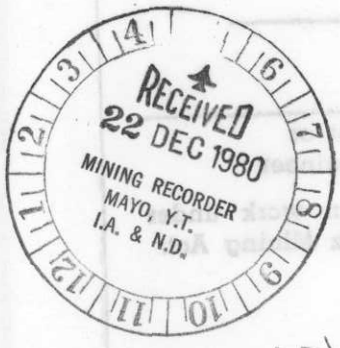


106 C/4

ASSESSMENT REPORT

GEOLOGY GEOCHEMISTRY AND DRILLING

VAL 319 - 376 CLAIMS

LAT 64° 16' N LONG 134° 45' N

MAYO M.D.

by

GEORGE SIVERTZ PRISM RESOURCES LIMITED

JUNE 27, 1979 - JUNE 26, 1980

090718

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

$\$$_____

_____

Resident Geologist or
Resident Mining Engineer

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

_____

Commissioner of Yukon Territory

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

(1) INTRODUCTION

The Val 319-376 claims were staked in June, July, and August 1979 to cover two major areas of lead-zinc-silver mineralization. The mineralized areas have been mapped, soil sampled, and trenched. Diamond drilling is recommended for one mineralized area.

(2) LOCATION AND ACCESS

The claims lie to the south of the main Val 1 - 318 claim block, on N.T.S. map 106 C/4 (See figure 1). They straddle an unnamed tributary of the East Rackla River. The tributary will be referred to as the northeast Rackla in this report. Access is by helicopter from either Kathleen Lakes or the East Rackla River airstrip built by Canadian Superior Exploration Ltd.

(3) CLAIM INFORMATION

Claim	Date Staked	Date Recorded	Record No.	Staker
319-326	12/6/79	26/6/79	40125-40132	J. Scott
327-334	12/6/79 (2)	26/6/79	40133-40140	R. Reade
	13/6/79 (60)	26/6/79		
335-342	13/6/79	26/6/79	40141-40148	R. Forshaw
343-350	15/6/79	26/6/79	40149-40156	Jane Lucas
351-356	15/6/79	26/6/79	40157-40162	K. Hanson
357-358	20/7/79	26/7/79	40513-40514	K. Hanson
359-366	20/7/79	26/7/79	40515-40522	D. McGregor
367-368	20/7/79	21/7/79	40523-40524	G. Sivertz
369-376	25/8/79	27/8/79	40894-40901	Pat Harris

(4) GEOLOGY

The claims are underlain by quartzite, platy, orange-weathering, locally stromatolitic grey dolomite, black shale, and laminated grey dolomite (See Figure 2). These rocks

have been tentatively assigned by the writer to the upper Pinguicula Group of Hadrynian age. This is an informal name used by Eisbacher, Blusson, and others for rocks first described by J.O. Wheeler in 1954 (Eisbacher, 1978).

The rocks dip generally south, although deformation along faults is common. Several important faults cut the Pinguicula rocks, particularly along the river that crosses the claim block. The Pinguicula rocks are bounded to the south and west by Ordovician-Silurian carbonate rocks. The western contact between the Hadrynian and the Ordovician-Silurian appears to be a normal fault, while the southern contact is either a low-angle fault on an unconformity.

(5) Mineralization

Two main areas of mineralization have been discovered to date on the claims. One, the "Quartzite" showing, occurs in fractured quartzite on the south bank of the Northeast Rackla River on claims 326 and 328. The "Paka" showings, hosted by grey laminated dolomite, are on the north side of the river in the central part of the claims.

Sphalerite, galena, and tetrahedrite are found as fracture fillings and breccia matrix in the "Quartzite Showing". Minor sphalerite in fractured quartzite also occurs 300 meters north of the main showings, on the north side of the river. It appears that the two showings are related structurally, but the connection cannot be made with certainty because river gravels obscure bedrock between the two (See

figure 3).

The main showing has been exposed by bulldozer trenching. A channel sample of the mineralization, together with 2 grab samples, were taken in 1979, and assayed as follows:

Sample	Type	Width	Pb%	Zn%	Ag ppm
0005	Channel	2.8m	2.38	5.65	74.4
0006	Grab	-	16.95	8.44	381.2
0103	Grab	-	18.02	11.31	463.5

Careful mapping of the showing itself suggests that the mineralization occurs mainly in fractures with a gentle west dip.

The "Paka" mineralization is dominantly galena-barite. Sphalerite is present in the vicinity of the main concentrations of galena, but only in small quantities and not in association with barite. No fracture controls are obvious in the case of the Paka showings, but the sulfides are associated with coarse recrystallised sparry dolomite, a mode of occurrence seen elsewhere on the Val claims. These recrystallised sparry dolomite bodies are postulated by various observers as having begun from fracture systems which have been obliterated as recrystallisation progressed. The massive galena-barite mineralization varies from a few centimeters to a few meters in any surface dimension. The largest known showing has been blasted down to a depth of a meter or so. A series of chip samples were taken from the walls of the blast pit and assayed as follows:

Sample #	Type	Pb%	Zn%	Ag (ppm)
0016	Chip	17.92	0.62	128.6
0017	Chip	14.76	0.15	20.9
0018	Chip	14.70	0.18	28.5

The extremely low Ag:Pb ratios of 0.21 or less are more typical of Mississippi Valley ores than those from the silver enriched deposits farther north on Rusty Mountain. Other characteristics, including the barite association, the mode of occurrence of the sulfides, and the very simple mineralogy, are similar to Mississippi Valley ores.

(6) GEOCHEMISTRY

The Paka area was soil sampled in September, 1979. Twelve lines spaced at 50 meters were sampled at 25-meter intervals and about 500 samples were taken (See Figures 4, 5, and 6). This work defined two discontinuous east-west trending anomalies on the southern half of the grid. These anomalies consist of spot highs of lead and zinc, more-or-less coincident with silver. The northern part of the grid is generally anomalous in zinc, and there are a number of single-sample lead and silver anomalies.

Follow-up prospecting in the anomalous areas in 1980 turned up minor sphalerite-galena-sparry dolomite mineralization. No indications of major mineralized areas were encountered.

A small soil sampling program was carried out in 1980, south of the Quartzite showing. No anomalous results were received.

(7) DIAMOND DRILLING ON THE VAL 30 CLAIM

The total of 2059' (627.75 meters) of BQ diamond drilling was done on the Val 30 claim, which has been associated through grouping with the Val 319-376 claims. This work was done between August 22 and August 29, 1979. The geology and mineralization of the Val 30 claim are similar to that of the Val 319-376 claims. Information garnered from Val 30 drilling may have some application to the Val 319-376 claims.

The holes were drilled to test the western extension of the South Hill Zone vein, which crosses onto claim 30 from claim 29 (see Assessment Report for Val 1-318 claims, 1979). A plan (Fig. 7) shows the location of the holes and a longitudinal section (Figure 8) gives assay values.

The wallrock of the South Hill Zone vein is the same thin-laminated grey dolomite that hosts the mineralization of the Paka showings. Gangue material in the vein is sparry dolomite, also found in the Paka showings.

(8) RECOMMENDATIONS

A limited diamond drilling program of not more than 500' (152.4 meters) is necessary to check the depth extension of the exposed Quartzite showing mineralization. The first hole should be directed toward the showing from a point not more than 125 feet (38.1 meters)west of the showing. A suitable dip for the hole is -45 degrees. Follow-up holes, if an intersection is received in the first hole, could test strike extensions either north or south.

Blasting and/or Winkie or X-Ray drilling would suffice to determine the extent of the low-silver Paka showings. The very shallow overburden present should provide no hindrance to this work.

(9) COST BREAKDOWN

(a) Claims 319-368: 5½ years each. Grouping Certificates MA 734-736.

38 claims @ 550.00 = $20,900.00

D.W. Coates Invoice 1557 for Holes 31-35 = $22,495.50

Balance $1595.50

(b) Claims 369-376 1½ years each. Grouping Certificates MA 732A, 733.

23 claims @ 150.00 = $3450.00

D.W. Coates Invoice 1557 for one-half of the total costs of Hole 36 = $3367.88

Apex Helicopters Invoice 2119A:

One-Half total costs August 27, 1979 = of Val Drill flying $ 162.50

TOTAL $3530.38

BALANCE $ 80.38

Diamond Drill Core stored at Kathleen Lake camp.

STATEMENT OF QUALIFICATIONS

I, GEORGE W.G. SIVERTZ, declare that

1. I am a geologist residing at 3016 West 19th Avenue, Vancouver, B. C.

2. I received a BSc degree in geology (honours) from the University of B. C. in 1976.

3. I have worked as a geologist seasonally since 1975 and have practised on a full-time basis since May 1978.

4. I am a member of the CIM.

5. I am the author of the report and personally performed or supervised the work described herein.

SWORN BEFORE ME at VANCOUVER)
)
Province of British Columbia,)
this 15th day of December,)
1980.)
)
)
)
)
)

George Sivertz

Notary Public in and for the
Province of British Columbia

CAROLYN G. WEILER
BARRISTER & SOLICITOR
16TH FLOOR
409 GRANVILLE STREET
VANCOUVER, B.C. V6C 1V1

DRILL HOLE LOG

LOCATION:	SHZ
AZIM:	308
DIP:	-45
ELEV:	
LENGTH:	248'
CORE SIZE:	BQ
STARTED:	Aug 22 (day)
COMPLETED:	Aug 26 (day)
PURPOSE:	
CORE RECOVERY:	97 %

HOLE No.	VA-79-31
PAGE NO.	1
PROPERTY:	VAL.
CLAIM NO:	
SECTION:	
LOGGED BY:	
DATE LOGGED:	
DRILLING CO:	
ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
0	20	Casing					
20	170.5						
		Gy-dkgy lam. dolo. Core very homogeneous looking.					
		In places, it is slightly bx'd w/ infilling of white sparry dolo.					
	bd 30°	gn size varies v.f.-f.g.					
		Core is v. highly broken throughout unit except last 10'.					
		v. minor amts of Sp and trace Py w/ wh. dolo. Most trace Py sl. stained					
	bd 45						

DRILL HOLE LOG

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

DLE No. | PAGE NO.

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Ag	Pb	Zn		
179.5	182.5	[illegible]	790389	179.5	182.5	3'	.52	9.68	0.70	Pb, Zn	GT
		[illegible]		54.73	55.64	0.92 m	.192	.190	10.78	reversed in	BC
182.5	209	[illegible]					.84	.85	11.9	original	GT
	b & 45°										
209	212	[illegible]					5.76	0.99	4.09	Pb, Zn	
		[illegible]		213'	218'	5'	5.76	4.09	0.99	reversed	
212	219	[illegible]	790388	[illegible]	[illegible]	7					
219	223	[illegible]		64.94	66.46	1.52 m		[illegible]			
223	[illegible]	[illegible] b & 25°									
227	237	[illegible]									
237	238	[illegible]									
		[illegible]	93	[illegible]		3"					

DRILL HOLE LOG

LOCATION:	SH W	LE No.	Va-73-32
		PAGE NO.	1
AZIM:	308	ELEV:	
DIP:	-65	LENGTH:	317'
		CORE SIZE:	BQ
STARTED:	Aug 29 (DAY)		
COMPLETED:	Aug 29 (DAY)		
PURPOSE:			
CORE RECOVERY:	98		

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	Val
CLAIM NO:	
SECTION:	
LOGGED BY:	
DATE LOGGED:	
DRILLING CO:	
ASSAYED BY:	

Depth	FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
0			0-7 casing					
10	7	120.5						
			Gy silty-fg, lam dolo . very homogeneous throughout unit.					
20								
30		ba 45°	w. mar areas of brx (no minz)					
40			core highly fract & broken. Most fract					
			Py lim. stained , some Pyrolusite					
50			Py xlls sm. traces of Gn & Sp are from					
60			white dolo veinlets					
70								
80								
90		b∠ 90						
100								
110								
120								
130								
140								
150								

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	VA-79-32
PAGE NO.	2
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	
DATE LOGGED:	
DRILLING CO:	
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS	Ag	Pb	Zn		
	bq 50°											
		~SHARP CONTACT										
180.5	188	Fossiliferous gy dolo. Mnr Py [illegible]. Also mnr										
188	253	amts of Gn + Sp in sm fract. core good										
		-CONTACT SHARP										
		vfg Gy lam dolo. more areas of bx'd										
		dolo WHITE THAN ABOVE UNIT										
		Mnr amts of Py in dolo vugs.										
		Some Goet [illegible] lim stained				Average		112.5	1.22	3.51		
	bq 45°											
		Inc. in bx dominance w/ inc in										
		"vugginess". dolo [illegible] & drusy [illegible]										
		w. mnr AMTS of Sp in fract										
		grad contact										
253	260	Gy dolo bx characteristic in its vugginess							0.34	1.00		
260	266	No min., core good - SHARP CONTACT	790396	260	266	6		0.26	1.00	.34		
		Min. sugary text. vuggy, white (gn) dolo bx. 10% Py 5% Sp 5% Gn										
266	271	-SHARP- Gy lam dolo. Min. along fract (Sp, Gn) 2% Sm.	790[illegible]	266	271	5'		2.45	0.59	1.03		
271	275.5	Min. sugary text. [illegible] 10% Sp, 7% Gn, 20% Py	391	271	275.5	4.4		10.0	7.24	3.08		
275.5	281.5	Gy lam dolo. inc. in dolo [illegible] & [illegible]				6			3.08	7.24		
281.5	287	Min. vuggy, sugary, white dolo 20% Sp, 5% Gn	392	281.5	287	5.5		2.06	6.48	1.48	CT.	
287	317	sm. [illegible], good amt of						2.36	1.59	6.92	Bondar Clegg	
		Sp.						2.12	1.61	6.55	CT (2)	
	bq 40°	- Gy lam dolo. [illegible]										

LOCATION:	2		
AZIM:	280°	ELEV:	
DIP:	-55	LENGTH:	338
		CORE SIZE:	BQ
STARTED:	Aug 24 (day)		
COMPLETED:	Aug 24 (night)		
PURPOSE:			
CORE RECOVERY:	95%		

DRILL HOLE LOG

HOLE No.	PAGE NO.
A-79-33	1

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:	Val
CLAIM NO:	
SECTION:	
LOGGED BY:	
DATE LOGGED:	
DRILLING CO:	
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS					
		0-9 Casing										
9	142.5											
	bd 45°	[illegible] fg gy lam dolo, abdt [illegible] veins & [illegible]										
		sm areas of bx zones, no bigger than 4"										
	bd 45°	some highly fract. w/ lim & Mn staining alg fract pl.										
		Fract pl. [illegible] alc white [illegible] veins										
	bd 55°											
	bd 65°											

DRILL HOLE LOG

HOLE NO.: 33 | 2

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS	Ag	Pb	Zn		
	[illegible] 55°											
168.5	180	Fossiliferous gry dolo (oncolitic) [illegible] Py good core, [illegible] at base										
180	258	vfg-fg lam gry dolo, [illegible] in [illegible]										
		[illegible] Ga [illegible] few fract Py										
	[illegible] 45°											
		core ground & badly broken from 243-258										
						Average		2.36	1.57	9.96		
258	279.5	Fossil gry dolo (oncolitic) [illegible] of Py [illegible], some [illegible]										
		frac [illegible] of Sp good core [illegible]						3.07	2.11	10.64	GT 2	
								3.23	2.00	11.84	Border	Clays
279.5	299.5							2.95	11.72	2.11	GT	
		[illegible] dolo [illegible] Py	790123	279.5	287	7.5		1.65	9.27	1.03		
		[illegible] 20% [illegible] Ga (Sp [illegible])	790124	287	294.5	7.5			1.03	9.27		
295.5	315											
				279.5	294.5	15.0		2.3	12	07		

85.21 89.79 4.58m

Box #6 Missing

DRILL HOLE LOG

HOLE No.	3B
PAGE NO.	3

LOCATION:

AZIM:

ELEV:

DIP:

LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

	FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
300			Fossil? gy dolo, [illegible] bx, Py [illegible]					
310			(yellow & red) lim? stained Frac & [illegible]					
	315	325	this unit — good contact					
320		b∠70°	blk-dk gy sand [illegible] (dolomitic), sm					
	325	334	Abnt Py diss — good contact.					
330			Oolitic gy dolo					
			Gry [illegible] dolo					
340		b∠60°						

DRILL HOLE LOG

LOCATION: VA SH2

HOLE No.: VA-79-34

PAGE NO.: 1

AZIM: 340

DIP: -60

ELEV:

LENGTH: 330

CORE SIZE: BQ

STARTED: Aug 24 (night)

COMPLETED: Aug 25 (night)

PURPOSE:

CORE RECOVERY: 97 %

PROPERTY: VA

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

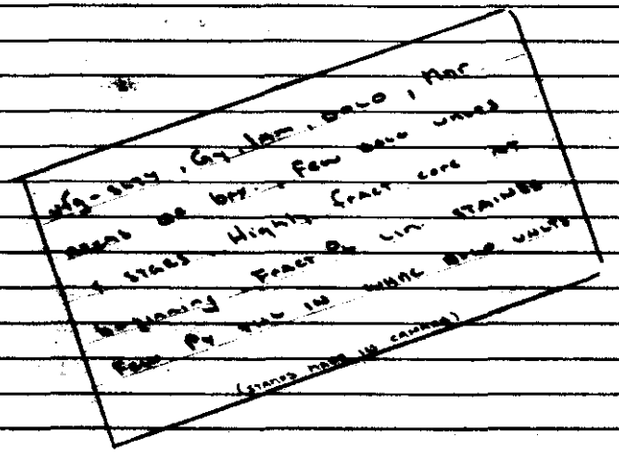
DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
		0-10' Casing					
10	268						
	b.g 45°						
	b.g 35°						
	b.g 30°						



DRILL HOLE LOG

HOLE NO. VA-79-34 | 2

LOCATION:		PROPERTY:	
AZIM:	ELEV:	CLAIM NO:	
DIP:	LENGTH:	SECTION:	
	CORE SIZE:	LOGGED BY:	
STARTED:		DATE LOGGED:	
COMPLETED:		DRILLING CO:	
PURPOSE:		ASSAYED BY:	
CORE RECOVERY:			

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	Ag	Pb	Zn
	bd 10°	[illegible]							
	bd 15°								
		[illegible]							
		- CONTACT SHARP -	[illegible]	258	268	10'	0.66	.75	0.66
268	272.5	Minz. gn/white sugary dolo bx 10% Sp 2% Gn	790395	268	272.5	4.5'	1.32	0.86	7.76
272.5	277.5	Sp [illegible] & some vuggy w/ [illegible] - [illegible] contact							
277.5	284.5	Non-minz bx	790459	272.5	277.5	5'	0.19	0.35	0.44
284.5	330	Minz gn/white sugary dolo bx. Shows more [illegible] than above 20% Sp 5% Gn	790396	277.5	284.5	7.0	3.97	3.36	20.7
		core also vuggy [illegible]						1.39	
			Avg	78.66	86.74	8.08	1.55		8.34

DRIL[illegible] HOLE LOG

HOLE No.	Ja. 79 - 34
PAGE NO.	3

LOCATION:

AZIM:

ELEV:

DIP:

LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

	FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS					
300			- contact sharp										
310			vfg-silty gy lam dolo few [illegible] [illegible]										
		b d10°	& [illegible] [illegible] core										
320													
330													

DRILL HOLE LOG

LOCATION: Val SHZ

HOLE NO.: Va-79-35 | PAGE NO.: 1

AZIM: 326 | ELEV:
DIP: -60 | LENGTH: 358'
CORE SIZE: BQ
STARTED: Aug 26 (day)
COMPLETED: Aug 27 (day)
PURPOSE:
CORE RECOVERY: 90

PROPERTY: Val
CLAIM NO.:
SECTION:
LOGGED BY:
DATE LOGGED:
DRILLING CO.:
ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
		0-9 Casing					
9	79.5	vfg-[illegible] gy lam dolo, Sm. fossil sect^n 30-32' - [illegible] brx, core good. Fract at begin w/ lim stained fract					
	b.a. 55°	@ 49' - 1/2" boxwork [illegible] dolo vnlt 2% Gn					
		- dolo vnlts & [illegible] [illegible].					
	b.a. 45°	- contact sharp -					
79.5	104	Fossiliferous gy dolo, [illegible] lam, partially brx. In small dolo vugs, there are Py [illegible]					
		- Some lam partially carbonaceous. - Good contact					
104	110.5	Gy lam dolo, brxated in some places.					
110.5	134	Fossiliferous gy dolo, brxated					
		- contact good					
134	222.5	Top of [illegible] gy/dk gy lam. dolo which grade gradually into a more gy [illegible] dolo brx.					

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DRILL HOLE LOG

HOLE No. Ja-79-38

PAGE NO. 2

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
		The white dolo is infilling between lam. which gives the core a "zebra" look.					
		less white dolo infilling downhole					
		"contact in bx zone"					
222.5	235	blk / gy intra fossiliferous dolo. Bx carb has hair Py in lam.					
235	243.5	Gy / dkgy vfg-fg intra lam dolo, contains few [illegible] - sharp contact					
243.5	247.5						
247.5	285	Blk carb, fossil dolo Abnt Py lams, sharp cont.					
		Fossiliferous gy vfg-fg dolo [illegible] bx with thk [illegible] interlams of blk carb dolo, [illegible] zone [illegible] Pyrobitumen? - Carb stng @ 35°					
285	322.5	Mass-lam gy dolo, [illegible] bx, prominent [illegible] of blk dolo. Carb stng Py @ 38°					

DRILL HOLE LOG

HOLE No. VA-79-35 | PAGE NO. 3

LOCATION:

AZIM: | ELEV:

DIP: | LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

	FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH		ASSAYS Ag	ASSAYS Pb	ASSAYS Zn		
300			lmc. brx dom. unit										
310			-contact sharp										
320	322.5	344	Mine sugary text wh lgy dolo brx	790397	322.5	333	10.5		9.15	2.39	6.61		
330			-lower contact gran 20% Sp 5% Gn.										
		3'.2'	within open vugs are Jamesonite + [illegible]										
340			Amt of Sp decr dwnunit @ 333 to 7%	790398	333	344	11		2.08	1.03	0.62		
	344	362	-contact -[illegible]						2.22				
350			gy dolo / blk dolo chaotic brx core										
360			fairly broken + ground										
					322.5	344	21.5'						
370										1.69			
					98.38	104.98	6.56 m		5.55		5.24 %		

LOCATION: VAL 42

DRILL HOLE LOG

HOLE No. VA-9-36 | PAGE NO. 1

AZIM: 294° | ELEV:

DIP: -60 | LENGTH: 468'

CORE SIZE: BQ

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
Box 1							
11	41.5	Grey blue-lam dol. Network fine white dol stringers. Bd 45° ℄					
Box 2							
41.5	66.5	Grey blue-lam. Bd 35° ℄ to recently 0°, disturbed + convoluted. 10% white dol as blebs, veins					
Box 3							
66.5	89	Grey blue-lam. Bd avg 50° ℄ At 78', oncolites appear, with central cavities at 78', then from 78'-88', ℄ in coalesce.					
Box 4							
89 -	113.	Oncolites persist to 98', then facies changes to limy shale and then black shale by 106', back into grey dol at 107', then oncolite at 110'. Vuggy at 113'.					
Box 5							
113	137	Oncolites to 120', facies → to dark blue-lam, becoming lighter grey by 137'. Bd 30° ℄ at 120', 25° ℄ 137'					
Box 6							
137	157.5	Grey blue-lam. Bd 60° ℄					

DRILL HOLE LOG

LOCATION: VAL - 542 [illegible] W

HOLE No.: VA-9-36

PAGE NO.: 2

AZIM:

ELEV:

DIP:

LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS					
Box 7												
159.5	182	Thin-lam grey dlf to 177'. 177'-182' - Bxx, small clasts, replaced (faded) - core all broken up. Not a typical bx. White is ≤ 20%, many gen. of veinlets. Traces [illegible] [illegible]										
Box 8												
182	202.5	182'-187' - Thin-lam and bx of Box 7, minor gn + [illegible] in bx. 187'-192', trans. zone (oncolites) to dark dlf and minor shale 192'-199'. 199'-202.5' - gray thin-lam dlf, bd 80°-90° ⊄.										
Box 9												
202.5	226	202.5-207.5 - Oncolites. 207.5-208 - Shaly, [illegible] [illegible] py. 208-213' - gr dlf. 213'-215' - Gray bx with bits of pyrobit. [illegible] in white dlf matrix. 215-226 - Gray dlf mudstone, some thin lam w/ minor shale.										
Box 10												
226	248	Gray thin-lam (bd 60° ⊄) to 232'. Oncolites/mudstone to 24?'. [illegible]-248' - rubbly bx.										

DRILL HOLE LOG

HOLE No.: VA-4-36
PAGE NO.: 3

LOCATION:

AZIM:
ELEV:
DIP:
LENGTH:
CORE SIZE:
STARTED:
COMPLETED:
PURPOSE:
CORE RECOVERY:

PROPERTY:
CLAIM NO:
SECTION:
LOGGED BY:
DATE LOGGED:
DRILLING CO:
ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS					
Box 11												
248'	270.5	248'-252' Oncolites in dark mudstone/shale. 252'-270.5 - Dark, graphitic dolomite. Bd 60° ∮ where not discontinuous										
Box 12												
270.5	293	1ST ft dark, shaly dol. Rest of box lt gray dol with occ. oncolites. Bd 60° ∮. Graphite partings ∥ Bd common, also stylolites.										
Box 13												
293	316	293'-295' lt gray dol. 295'-316' interbedded shale and dk mudstone. Syn. py to 2cm, v. fine. Also recrystallized py. Syn. py usually w/white dol stringers & bands py. Much graphite. Bd ~ 40° ∮. Very quiet dep. env.										
Box 14												
316	338	Lt gray, graphitic (shale) interb. w/ lime mud, little syn. py here. A few dol stringers.										
Box 15												
338'	361'	As box 13, but a bit less shale and more oncolites. Bd 45° ∮. 1 blob (1cm) 30 at 344' pyrobit. in center of oncolite at 345'.										

DRIL' HOLE LOG

LOCATION:		HOLE No. VA-9-36	PAGE NO. 4.
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS	Ag	Pb	Zn		
Box 16												
361'	383'	As box 15. 3 cm stringer sp, Gne go at 379'. (Not assayed). Green sp. 20% Pb/Zn over 6".										
			790461	398	406	8.0'		0.16	0.23	0.96		
Box 17				121.34	123.78	2.44						
383'	406'	As box 15, K, but broken and boxx. 398'-406' assayed. Abt 1% Zn (?) as ff. Red sp, minor go. Box unusual, as in Box 7.										
Box 18												
406'	426'	Grey dk boxx as in Boxes 7 and 17. Core very blocky and broken. (Unbroken recent boxx sp. on older boxx?)										
Box 19												
426'	456'											
Box 20												
456'	468'	Traces sp, 1% py 406'-468'. Fault zone?										

APPENDIX I

ANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA
986-5211
CC: XXXXXXXX
V7P 2S3

January 20, 1978

TO: Prism Resources Ltd.,
214 - 850 West Hastings Street,
Vancouver, B. C. V6C 1K1

FROM: Vangeochem Lab Ltd.,
1521 Pemberton Avenue,
North Vancouver, B. C. V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble Mo, Cu, Pb, Zn, Ag, and Cd in geochemical silt and soil samples.

1. Sample Preparation

(a) Geochemical soil or silt samples were received in the laboratory in wet-strength $3\frac{1}{2}$ x $6\frac{1}{2}$ Kraft paper bags.

(b) The wet samples were dried in a ventilated oven.

(c) The dried soil and silt samples were sifted by using a shaking machine with 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

2. Methods of Digestion

(a) 0.50 gram of the minus 80-mesh samples was used. Samples were weighed out by using a top-loading balance.

(b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively).

(c) The digested samples were diluted with demineralized water to a fixed volume and shaken.

3. Method of Analysis

Mo, Cu, Pb, Zn, Ag, and Cd analyses were determined by using a Techtron Atomic Absorption Spectrophotometer Model AA4 or Model AA5 with their respective hollow cathode lamps. The digested samples were aspirated directly into an air and acetylene flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the atomic absorption unit.

4. The analyses were supervised or determined by Mr. Conway Chun and the laboratory staff.

Eddie Tang

Eddie Tang
VANGEOCHEM LAB LTD.

ET:mb

D.W. COATES ENTERPRISES LTD.

2560 A Simpson Road,
Richmond, B C. V6X 2P9

INVOICE NO. 1557
JOB NO. 359
DATE: Sept 12/79

Prism Resources Ltd.
601 - 409 Granville St.
Vancouver, B. C.

RE: Kathleen Lake Yukon Drilling
PERIOD: August 15 - 31, 1979

	VAL	
Drilling Detail - Super 38	—	$23,520.05
Drilling Detail - BBS#1	$ 60,774.60	60,774.60
Water Supply	197.50	330.00
Moving Between Holes	5,181.00	7,045.50
Ream Casing & Hole Stabilizing	45.80	366.40
Standby Time	—	351.00
Testing	—	84.60
Materials Left in holes	—	208.25
	$ 66,199.90	$92,680.40

Holes	24-26	27	28 - 30	31-36	37	38	39
	$ 5861.50	$ 3793.20	$ 11,508.60	$ 29107.50	$ 3,756.60	$ 4,932.90	$ 1814.40
	16.50	24.50	24.50	82.50	16.50	33.00	-
	528.00	759.00	924.00	1,278.75	511.50	693.00	486.75
	$ 6406.00	$ 4,576.70	$ 12,457.10	45.80	$ 4284.60	$ 5658.90	$ 2301.15
	148.80	49.60	148.80	$ [illegible]	49.60	49.60	49.60
	$ 6554.80	$ 4,626.30	$ 12,605.90	297.60	$ 4334.20	$ 5708.50	$ 2350.75
				$ [illegible]			
				30514.55			

Drilling Detail - BBS#1

Hole#	Size	From	To	Footage	Rate	Amount
VA79-24	BQ	0	4	4	$15.30	$ 61.30
VA79-24	BQ	4	148	144	14.10	2030.40
VA79-25	BQ	0	8	8	15.30	122.40
VA79-25	BQ	8	178	170	14.10	2397.00
VA79-26	BQ	0	8	8	15.30	122.40
VA79-26	BQ	8	88	80	14.10	1128.00
VA79-27	BQ	0	12	12	15.30	183.60
VA79-27	BQ	12	268	256	14.10	3609.60
VA79-28	BQ	0	8	8	15.30	122.40
VA79-28	BQ	8	228	220	14.10	3102.00
VA79-29	BQ	0	4	4	15.30	61.20
VA79-29	BQ	4	338	334	14.10	4709.40
VA79-30	BQ	0	14	14	15.30	214.20
VA79-30	BQ	14	248	234	14.10	3299.40
VA79-31	BQ	0	17	17	15.30	260.10
VA79-31	BQ	17	248	231	14.10	3257.10
VA79-32	BQ	0	7	7	15.30	107.10
VA79-32	BQ	7	317	310	14.10	4371.00
VA79-33	BQ	0	9	9	15.30	137.70
VA79-33	BQ	9	338	329	14.10	4638.90
VA79-34	BQ	0	10	10	15.30	153.00
VA79-34	BQ	10	330	320	14.10	4512.00
VA79-35	BQ	0	9	9	15.30	137.70
VA79-35	BQ	9	358	349	14.10	4920.90
VA79-36	BQ	0	11	11	15.30	168.30
VA79-36	BQ	11	468	457	14.10	6443.70
VA79-37	BQ	0	5	5	15.30	76.50
VA79-37	BQ	5	266	261	14.10	3680.10
VA79-38	BQ	0	10	10	15.30	153.00
VA79-38	BQ	10	349	339	14.10	4779.90
VA79-39	BQ	0	8	8	15.30	122.40
VA79-39	BQ	8	128	120	14.10	1692.00
				4298		$60,774.60

36.

Holes 24-26 : $5,861.50

27 : $3,793.20

28-30 : $11,508.60

31-36 : [redacted] 29107.50

38 : $4932.90

39 : $1,814.40

31-35 : $22495.50

Water Supply

Labour

Date	Hole#	Memo	ManHrs.
Aug 24	VE79-21	Maintain hoseline	1
Aug 25	VE79-21	" "	1
Aug 26	VE79-21	" "	1
Aug 27	VE79-22	" "	½
Aug 28	VE79-23	" "	1
Aug 29	VE79-24	" "	1
Aug 30	VE79-24	" "	1½
Aug 31	VE79-25	" "	1
Aug 16	VA79-26	" "	1
Aug 18	VA79-27	" "	½
Aug 19	VA29-27	" "	1
Aug 20	VA79-29	" "	1
Aug 21	VA79-30	" "	½
Aug 22	VA79-31	" "	½
Aug 23	VA79-32	" "	1
Aug 24	VA79-33	" "	1
Aug 25	VA79-34	" "	½
Aug 26	VA79-35	" "	½
Aug 27	VA79-36	" "	1
Aug 28	VA79-36	" "	½
Aug 29	VA79-37	" "	1
Aug 30	VA79-38	" "	1
Aug 31	VA79-38	" "	1
			20

Labour: 20 hrs. @ 16.50/hr. $330.00

Holes 26 : #16.50
27 : 24.50
29,30 : 24.50
31-36 : 82.50 31-35 : 57.75.
37 : 16.50
38 : 33.00

Moving between Holes

Labour

Date	Memo	ManHrs.
Aug 24D	Setup on hole #21	26
Aug 24N	Setup on hole #21	8
Aug 26D	Move & setup on hole #22	15½
Aug 28D	" " #23	20
Aug 29D	" " "24	27
Aug 31D	" " "25	16½
Aug 15D	" " "24	16
Aug 16D	" " "26	16
Aug 17N	" " "27	16
Aug 18D	" " "27	24
Aug 18N	" " "27	6
Aug 19D	" " "28	8
Aug 19N	" " "28	18
Aug 20D	" " "29	2
Aug 20N	" " "30	8
Aug 21D	" " "30	4
Aug 21N	" " "30	16
Aug 22D	" " "31	16
Aug 23D	" " "32	2
Aug 24D	" " "33	6
Aug 24N	" " "33	10
Aug 25N	" " "34	12
Aug 26D	" " "35	25½
Aug 27D	" " "36	6
Aug 28D	" " "37	19
Aug 28N	" " "37	12
Aug 29N	" " "38	12
Aug 30D	" " "38	30
Aug 31D	" " "39	19½
Aug 31N	" " "39	10
		427

VH : Holes 24-26 : $528.00
27 : 759.00
28-30 : 924.00
31-36 : 1278.75

Labour: 427 hrs. @ 16.50/hr.

37 : $511.50
38 : 693.00

$7045.50

31-35: 1179.75

Ream Casing & Hole Stabilizing

Labour & Equipment

Date	Hole#	Memo	ManHrs.	Drill
Aug 25D	VE79-21	Stabilize hole	6	3
Aug 26N	VE79-22	" "	4	2
Aug 27D	VE79-22	" "	2	1
Aug 31N	VE79-25	Ream casing	2	1
Aug 22D	VA79-31	Ream casing	2	1
			16	8

VAL

Labour:	2 hrs 16 hrs. @ 16.50/hr.	$33.00	264.00	
Drill :	8 hrs. @ 11.00/hr.	11.00	88.00	
Pump :	8 hrs. @ 2 x .90/hr.	1.80	14.40	$366.40
		$45.80		

Standby Time

Labour & Equipment

Date	Memo	ManHrs.	Drill
Aug 28N	Wait for instructions	8	4
Aug 30N	" " "	10	5
		18	9

Labour:	18 hrs. @ 15.50/hr.	279.00	
Drill :	9 hrs. @ 8.00/hr.	72.00	$351.00

APEX HELICOPTERS LTD.

HANGER #3 NORTH BATTLEFORD AIRPORT
NORTH BATTLEFORD, SASK.
(ACCT. OFFICE - 477 LEON AVE., KELOWNA, B.C. V1Y 6J4)
PHONE 604 - 763-4238

CHARTERER PRISM RESOURCES.

ADDRESS

ORDER NO.

REGISTRATION	BASE	PROJECT	PILOT	ENGINEER
C-GIFX	KATHLEEN LAKE		NISHIMURA	
DATE	**WEATHER**	**FUEL SUPPLIED BY**		**SPECIALTY**
AUG 23/79		CARRIER ☐ CHARTERER ☑		

PROJECT TIME BROUGHT FWD			JOURNEY	PASSENGERS		CARGO
UP	DOWN	TOTAL HRS.		NAME	NO.	
AUG 11		3.5	CAROL 0.1 VAL 1.0	VAL DRILL 1.7 REG 0.5 BLUE	LIGHT	0.2
AUG 12		7.8	CAROL 0.8 VAL 1.4	VAL DRILL 3.0 REG 1.7 BLUE	LIGHT	0.4
AUG 13		7.0	VAL 2.2 VAL DRILL	1.5 REG 2.5 BLUE LIGHT 0.8		
AUG 14		7.8	VAL 1.7 VAL DRILL	2.1 REG 3.2 BLUE LIGHT 0.8		
AUG 15		6.3	VAL 1.4 VAL DRILL	1.2 REG 3.7		
AUG 16		6.7	VAL 3.1 VAL DRILL	1.5 REG 2.1		
AUG 17		5.7	VAL 1.2 VAL DRILL	0.8 REG 3.7		
AUG 18		5.3	VAL 0.6 VAL DRILL	3.5 REG 1.2		
AUG 19		8.1	VAL 1.6 VAL DRILL	4.4 REG 1.5 BLUE LIGHT	0.6	
AUG 20		6.8	VAL 1.2 VAL DRILL	0.8 REG 2.7 BLUE LIGHT	0.8 UND 1.3	
AUG 21		7.7	VAL 0.7 VAL DRILL	2.3 VERA 1.5 REG 2.2 BLUE LIGHT	1.0	
AUG 22		8.5	ZAP 0.4 VAL 0.6	VAL DRILL 3.7 VERA 0.5 REG	0.9 BLUE LIGHT 0.9 UND 1.	
			VAL	16.7 hrs.		
			VAL DRILL	26.5 hrs		
				FLIGHT CHARGES		2436 CWT
TOTAL TIME AIRFRAME						
TOTAL TIME ENGINE						

DAILY TOTAL 81.2 AT 300.00/HR
PROJECT TOTAL AT

AMOUNT $24,360.00

REQUISITIONED BY	CUSTOMER SIGNATURE	PILOT SIGNATURE
	David Dimmick	J. Nishimura

THIS IS YOUR INVOICE

№ 2118 A

ATAC MEMBER

APEX HELICOPTERS LTD.

HANGER #3 NORTH BATTLEFORD AIRPORT
NORTH BATTLEFORD, SASK.
(ACCT. OFFICE - 477 LEON AVE., KELOWNA, B.C. V1Y 6J4)
PHONE 604 - 763-4235

RECEIVED
OCT - 9 1979

CHARTERER PRISM RESOURCES

ADDRESS

ORDER NO.

REGISTRATION	BASE	PROJECT	PILOT	ENGINEER
C-GIFX	KATHLEEN LAKE		NISHIMURA	
DATE	**WEATHER**	**FUEL SUPPLIED BY**		**SPECIALTY**
SEPT 7/79		CARRIER ☐ CHARTERER ☑		

PROJECT TIME BROUGHT FWD			JOURNEY	PASSENGERS		CARGO
UP	DOWN	TOTAL HRS.		NAME	NO.	
AUG 23		10.9	VAL 0.6 VAL DRILL 1.0	VERA 0.4 VERA DRILL 7.6	REG	0.5 BLUE LIGHT 0.
AUG 24		8.2	VAL DRILL 2.0 VERA	0.5. VERA DRILL 4.2	REG 1.3	UNI 0.2
AUG 25		7.2	VAL 0.9 VAL DRILL 1.1	VERA 1.2 VERA DRILL 1.5	REG 2.0	BLUE LIGHT 0.5
AUG 26		9.2	VAL 0.9 VAL DRILL 3.1	VERA 0.4 VERA DRILL 3.4	REG 0.8	BLUE LIGHT 0.4
AUG 27		4.2	VAL 0.5 VAL DRILL 1.1	VERA 0.5 VERA DRILL 1.6	REG 0.5	
AUG 28		9.2	CAROL 0.2 VAL DRILL 4.6	VERA 0.2 VERA DRILL 2.0	REG 1.8	BLUE LIGHT 0.4
AUG 29		7.0	VAL DRILL 1.5 VERA DRILL 3.6	REG 1.7 BLUE LIGHT	0.2	
AUG 30		8.1	VAL DRILL 5.0 VERA DRILL 1.9	REG 1.2		
AUG 31		6.1	VAL DRILL 2.5 VAL 0.8	VERA 0.6 VERA DRILL 1.8	REG 0.3	BLUE LIGHT 0.1
			VAL	3.7 hrs.		
			VAL DRILL	21.9 hrs		
TOTAL TIME AIRFRAME						
TOTAL TIME ENGINE						

DAILY TOTAL 70.1 AT 300.00

PROJECT TOTAL ..... AT .....

AMOUNT 21,030.00

REQUISITIONED BY	CUSTOMER SIGNATURE	PILOT SIGNATURE
	David [illegible]	A. Nishimura

THIS IS YOUR INVOICE

№ 2119 A

APEX HELICOPTERS LTD.

HANGER #3 NORTH BATTLEFORD AIRPORT
NORTH BATTLEFORD, SASK.
(ACCT. OFFICE · 477 LEON AVE., KELOWNA, B.C. V1Y 6J4)
PHONE 604 · 763-4235

RECEIVED
- 9 1979

CHARTERER PRISM RESOURCES.

ADDRESS

ORDER NO.

REGISTRATION	BASE	PROJECT	PILOT	ENGINEER
C-GIPX	KATHLEEN LAKE.		NISHIMURA	

DATE	WEATHER	FUEL SUPPLIED BY	SPECIALTY
SEPT 18 /79.		CARRIER ☐ CHARTERER ☑	

PROJECT TIME BROUGHT FWD UP	DOWN	TOTAL HRS.	JOURNEY	PASSENGERS NAME	NO.	CARGO
SEPT 1		6.7	VAL 0.2 VAL DRILL 1.0 VERA DRILL 4.2 BLUE LIGHT 1.2 REG 0.1			
SEPT 2		6.7	VAL DRILL 2.3 VERA DRILL 3.0 BLUE LIGHT 0.5 BLUE LIGHT DRILL 0.5 REG 0.			
SEPT 3		6.2	VAL 0.2 VAL DRILL 0.4 VERA 1.1 VERA DRILL 0.9 BLUE LIGHT 1.0 BLUE LIGHT DRILL 2.2 REG			
SEPT 4		10.2	VERA DRILL 0.7 BLUE LIGHT 0.2 BLUE LIGHT DRILL 7.1 REG 2.2.			
SEPT 5		12.3	VAL 0.4 VERA 0.4 VERA DRILL 4.2 BLUE LIGHT 0.4 BLUE LIGHT DRILL 6.2 REG 0.7			
SEPT 6		10.0	VAL 0.8 VERA DRILL 4.4 BLUE LIGHT DRILL 1.9 REG 0.5 ZAP 2.2 CAMP 0.2			
SEPT 7		7.8	VAL 4.3 VERA 1.9 BLUE LIGHT DRILL 1.2 REG 0.4			
SEPT 8		7.3	VERA 0.8 BLUE LIGHT 0.4 BLUE LIGHT DRILL 4.7 UND 1.2			
SEPT 9		6.2	VAL 1.3 VERA 1.7 REG 1.4 UND 1.8			
SEPT 10		2.0	VAL 0.3 VERA 0.5 REG 0.4 UND 0.1 DEE 0.7			
SEPT 11		4.0	VAL 0.6 VERA 0.9 BLUE LIGHT 0.6 REG 0.6 ZAP 0.1 UND 0.1 DEE 1.1			
SEPT 12		3.5	BLUE LIGHT 0.4 REG 1.2 ZAP 1.9			
SEPT 13		0.9	REG 0.9.			
SEPT 14		1.2	BLUE LIGHT 0.3 ZAP 0.5 CAMP 0.4			
SEPT 16		0.6	KATHLEEN LAKE — MAYO.			
SEPT 17		0.4	MAYO — DUNCAN CREEK — MAYO			
SEPT 18		5.0	MAYO — KATHLEEN LAKE LOCAL — MAYO — WHITE HORSE. REG 1.			
TOTAL TIME AIRFRAME				VAL 8.1 hrs		
TOTAL TIME ENGINE				VAL DRILL 3.7 hrs.		

DAILY TOTAL 91.0 AT 300.00

PROJECT TOTAL AT

AMOUNT 27,300.00

REQUISITIONED BY	CUSTOMER SIGNATURE	PILOT SIGNATURE
	[signature]	H. Nishimura

THIS IS YOUR INVOICE

№ 2120 A

MAG NORTH
N 33° 50' E
(FEB 1972)

VAL 319-376

OS

OS

Hd

PAKA GRID

Qtz

Qtz

Ba,Gn,Sp

Ba,Gn

Hq

OS

Hd

OS

EAST RACKLA RIVER

LEGEND

Ba,Gn,Sp – barite, galena, sphalerite showings
Qtz – Quartzite showing (gn,sp)

----- approximate geological contact
~~~~~ approximate fault contact

Geology

OS Ord-Sil grey dolomite
Hq Hadrynian quartzite
Hd Hadrynian dolomite

PRISM RESOURCES LIMITED

PRISM JOINT VENTURE 1977-3

VAL PROPERTY

PAKA and Quartzite Showings

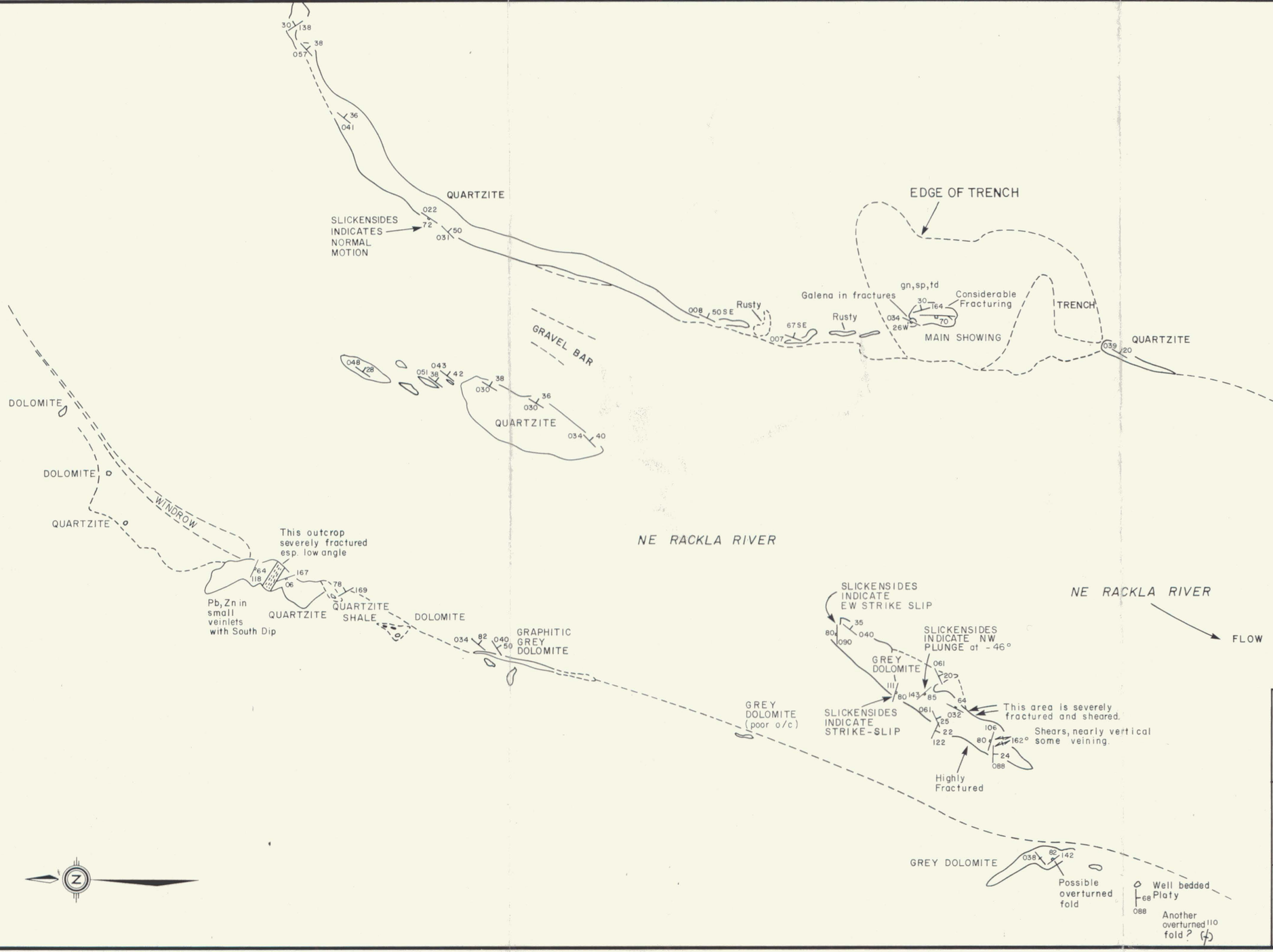
MAYO MINING DISTRICT YUKON TERRITORY NTS: 106 C-4

SCALE : 1:15,000

0 250 500 750 1000 1250 Meters

DRAWN BY: G.W.C. | DATE: Nov 79 | FIGURE No: 2

090718
~~~~~



LEGEND

- Fracture, Joint
- Bedding
- o/c . . . . Outcrop
- Edge of River, Cat Trench
- Known Outcrop Area
- QUARTZITE . . . . Cream to Pink Weathering Orthoquartzite
- GREY DOLOMITE . . . . Black to Grey Dolomite, Thin Bedded to Medium Bedded
- STROMATOLITIC DOLOMITE . . . . Siliceous Stromatolitic Dolomite, Orange to Brown Weathering
- SHALE . . . . Minor Black to Grey Shale
- gn . . . . Galena
- sp . . . . Sphalerite
- td . . . . Tetrahedrite

090718

PRISM RESOURCES LIMITED

PRISM JOINT VENTURE

VAL PROPERTY

QUARTZITE SHOWING

MAYO MINING DISTRICT, YUKON TERRITORY N.T.S.:

SCALE 1:1000

20 10 0 20 40 60 80 Metres

DATE: OCT./80 FIG 3 DRAWN BY: G.S.

9500S

9600S

9700S

9800S

9900S

10000S

10100S

10200S

10300S

10400S

10500S

10500W 10400W 10300W 10200W 10100W 10000W 9900W 9800W 9700W 9600W 9500W

PRISM RESOURCES LIMITED

PRISM JOINT VENTURE 1977-3

VAL; PAKA GRID

Geochemical Plan Pb(ppm)

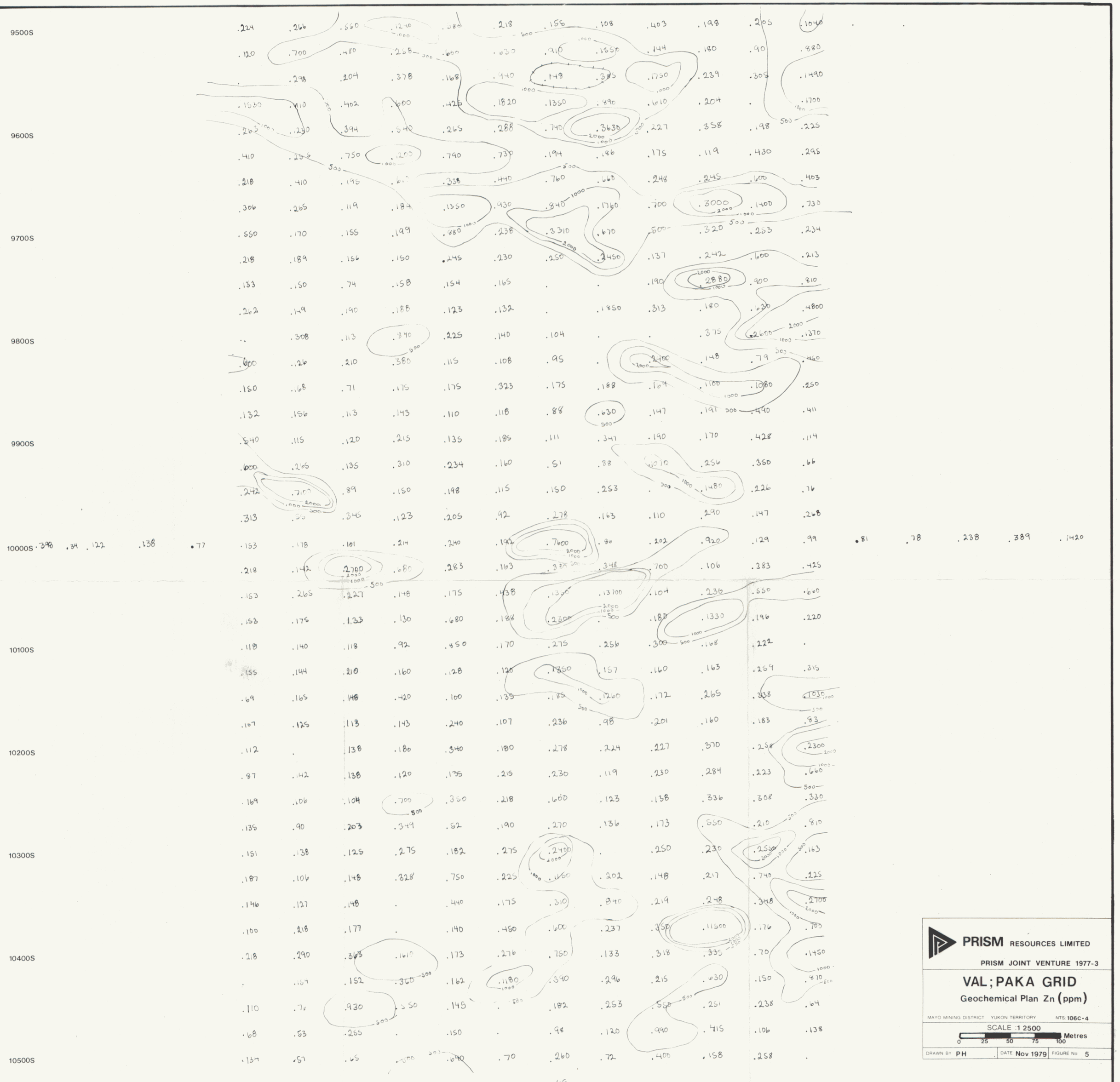
MAYO MINING DISTRICT YUKON TERRITORY NTS 106C-4

SCALE 1:2500

0 25 50 75 100 Metres

DRAWN BY PH | DATE Nov 1979 | FIGURE No 4

090718


9500S
9600S
9700S
9800S
9900S
10000S
10100S
10200S
10300S
10400S
10500S
10500W
10400W
10300W
10200W
10100W
10000W
9900W
9800W
9700W
9600W
9500W
PRISM RESOURCES LIMITED
PRISM JOINT VENTURE 1977-3
VAL; PAKA GRID
Geochemical Plan Zn (ppm)
MAYO MINING DISTRICT YUKON TERRITORY NTS 106C-4
SCALE 1:2500
0 25 50 75 100 Metres
DRAWN BY PH
DATE Nov 1979
FIGURE No. 5
090718

9500S

9600S

9700S

9800S

9900S

10000S

10100S

10200S

10 00S

10400S

10500S

10500W 10400W 10300W 10200W 10100W 10000W 9900W 9800W 9700W 9600W 9500W

PRISM RESOURCES LIMITED

PRISM JOINT VENTURE 1977-3

VAL;PAKA GRID

Geochemical Plan Ag (ppm)

(Background Corrected)

MAYO MINING DISTRICT YUKON TERRITORY NTS 106C-4

SCALE 1 2500

0 25 50 75 100 Metres

DRAWN BY PH | DATE Nov1979 | FIGURE No 6

090718