

DIAMOND DRILL RECORDS

MUN 2-14, 17, 19, 21, 23, 25-30  
YA12388-400, 403, 405, 407, 409, 411-416  
MUN 68, 70, 72, 75-80  
YA12481, 83, 85, 488 - 493

NTS 105 B/3

by: J.C. STEPHEN

Dated: November 12, 1982

Work Done June 28 - July 23, [REDACTED]  
By J.C. Stephen Explorations Ltd.  
Funded by D.C. Syndicate

091441

DIAMOND DRILL PROGRAM

MUN CLAIM GROUP 1982

Two BQ diamond drill holes were drilled on the MUN group by Drilcor Industries Ltd., during July 1982.

DDH MUN 82-1 is located on MUN 79, YA12492 177 metres at N28°30'W from claim post #1 MUN 79, 80 #2 MUN 77,78. Total length is 255' (77.7 metres).

DDH MUN 82-2 is located on MUN 77 YA12490 341 metres at N57°W from claim post #1 MUN 77, 78 #2 MUN 75, 76. Total length is 251' (76.5 metres).


Figure 1 Claim Map shows the applied claim grouping and the approximate location of the diamond drill holes.

Map I, (in pocket) shows the accurate location of the diamond drill holes in relation to magnetic contours and topography.

Both holes were drilled vertically. Diamond drill logs are provided as Appendix I.

Following is a statement of costs incurred on this program. Contractors invoices are included as Appendix II.

Respectfully submitted,  
J.C. Stephen Explorations Ltd.

  
J.C. Stephen

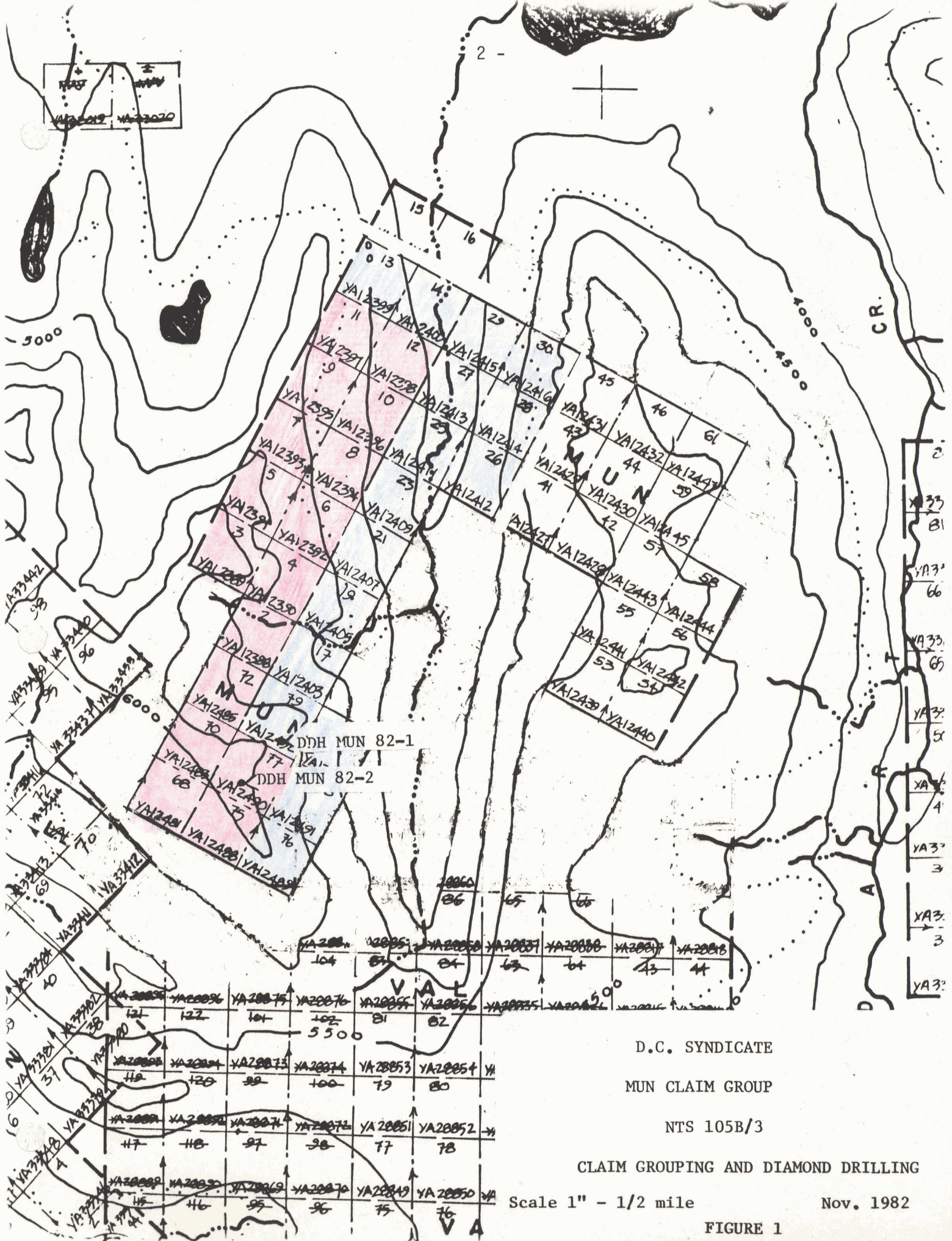


FIGURE 1



LEGEND

- 5 SEAGULL BATHOLITH
- INTRUSIVE CONTACT
- 4 SKARN
- 3 LIMESTONE
- 2 QUARTZITE, SILTSTONE, ARGILLITE  
2a CHERT, PALE SILICEOUS SEDIMENTS
- 1 VOLCANICS FLOWS DYKES TUFF
- OUTCROP AREA
- CONTACT
- EDGE OF CLIFF
- ⊙ LINE OF CHIP SAMPLES
- 78DCMUN 1978 TALUS SAMPLE LOCATION FOUND
- ▬ TRENCH

J.C. STEPHEN EXPLORATIONS LTD.  
 D.C. SYNDICATE  
 MUN CLAIM GROUP  
 BRUCE ANOMALY  
 MAGNETOMETER SURVEY  
 091441 AUGUST 1978  
 SCALE 1"=100' SEPTEMBER 1982  
 MAP I

A P P E N D I X I

DIAMOND DRILL LOGS

# Drill Hole Record

D C SYNDICATE

Property	MUN 79 CLAIM	District	NTS 105B/3	Hole No.	MUN 82-1	Claim	MUN 79
Commenced	July 17, 1982	Location		Tests at		Hor. Comp.	
Completed	July 19, 1982	Core Size	BQ	Corr. Dip	VERTICAL	Vert. Comp.	
Co-ordinates		Elev.	5480'	True Brg.		Logged by	G.O. LAYNE
Objective		Length		% Recov.		Date	JULY 24, 1982

Footage		Description	Sample No.	Length	Analysis PPM			
From	To				Cu	Zn	W	Sn
0.0	15.0	Casing						
15.0	238.0	QUARTZITE						
		Grey/greenish grey/mauve banded f.g.; bedding banding is generally quite distinct; some more massive grey sections; mauve colored bands are softer, argillaceous material; quartz-chlorite veins or sweats with pyrite are fairly common; a few narrow sub vertical calcite veins; minor disseminated blebs up to 4mm; 49.0-62.0 shows several thin (1mm) black veins at 13° with a black-brown micaceous (?) selvage radiating along bedding planes; minor po.						
	46.0 - 47.0	Quartz vein with minor py, po; pale pink garnet (?)	41151	46.0 51.0				2
	51.0 - 53.0	Small section of pinkish/greenish banded, siliceous, f.g. CALC SILICATE; 6" band of siliceous DIOPSIDE SKARN with 5% po/2% py in blebs and narrow veinlets; black mineral associated with py/po may be tourmaline (?)	41152	51.0 53.0				4
			41153	53.0 58.0				2
		Core angle at 56' 41°						
		occasional veins or sweats of chlorite/qtz with po/brown mica; banding becomes distorted or hornfelsed over large sections;						
	74.0	2" quartz vein at 38°; chlorite/po with trace cpy (?)						
	106.0 - 107.0	Breccia/vein; angular fragments of quartzite of a few mm with 80% matrix of crystalline calcite; 5% py in large blebs;						
	123.0	narrow vein at 16°, similar to 106-107'.						

# Drill Hole Record

lot

Property	District	Hole No.	Claim
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates	Elev.	True Brg.	Logged by
Objective	Length	% Recov.	Date

Footage		Description	Sample No.	Length	Analysis PPM					
From	To				Cu	Zn	W	Sn		
		;below 110' numerous bands and distorted bands of chlorite/brown mica with qtz/ calcite and po/trace py;								
	140.5-141.5	subvertical quartz vein with acicular black tourmaline up to 2mm diameter; po as small blebs associated with tourmaline;	41154	139.0 141.5	27	99		1		
	149.0-152.0	section of greenish-grey massive QUARTZITE with bands of chlorite/quartz/calcite with calcite veining; minor fluorite (??)	41155	149.0 152.0	15	275		215		
	155.0	narrow subvertical quartz/tourmaline vein, similar to 140.0-141.5	41156	152.0 157.0	22	142		130		
		sections of argillaceous QUARTZITE contain numerous blotches/laths of biotite with associated po up to 1 cm;	41157	157.0 161.5	73	94		280		
	161.5-164.0	vertical quartz/chlorite/calcite vein; quartz euhedra up to 3mm dia.;	41158	161.5 165.0	5	170		590		
	165.0-167.0	coarse grained tourmaline/quartz/po vein at 11°; acicular/prismatic greenish- black tourmaline up to 3mm dia.;	41159	165.0 167.0	25	165		700		
	171.0-175.0	quartz/chlorite/calcite; quartz euhedra up to 4mm dia.; occasional large crystals of black sphalerite 1-4mm; sphalerite has sharp contacts with quartz crystals;	41160 41161	167.0 171.0 175.0	35	370		380 430		









APPENDIX II

CONTRACTORS INVOICES

MUN DIAMOND DRILL COSTS

CONTRACTORS COSTS July 16 - 22

Casing 27' @ \$30.	\$ 810.	
Coring 479' @ \$25.	11,975.	
Labour hours 81 @ \$24.	1,944.	
Mob/Demob charge	3,300.	
Consumeables, Coreboxes, Groceries etc.	426.84	
Helicopter Sling Insurance	<u>450.</u>	
		\$18,905.84

PREPARATION OF DRILL SITES

McCrorry Holdings Ltd. + Powder July 11-13	\$ 1,603.13
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SUPERVISION

JCS - Spot Drill sites June 28		
Move Drill July 20		
Mob July 16, Demob July 22 3½ days \$525.		
G. Prior July 16-23 8 days @ \$2000 + 15%	593.55	
B. Lawson July 16-23 8 days @ \$1750 + 15%	<u>519.23</u>	
		\$ 1,637.78

HELICOPTER

June 28	0.4 hours	
July 16	5.1	
July 20	1.8	
July 22	<u>7.2</u>	
Total	14.5 hours @ \$500.	\$ 7,250.00

GEOCHEMISTRY

Chemex Labs	40 samples	<u>\$ 344.04</u>
	TOTAL	\$29,740.79

Average Cost ~~506~~ feet drilling \$58.78 per foot



**McCrory Holdings (Yukon) Ltd.**  
307 Jarvis Street, Whitehorse, Yukon Y1A 2H3

Bill Preston  
(403) 667-7175  
Terry McCrory  
(403) 633-5424

July 15/1982

J.C. Stephen Exploration Limited  
1458 Rupert Street,  
North Vancouver, B.C.,  
V7J 1G1

Re: Pad Building

July 11      2 men @ \$500.00 per day.  
July 12      2 men @ \$500.00 per day.  
July 13      2 men @ \$500.00 per day.

As per Receipts                      \$515.66

OK To PAY As to:

Total                      \$2,015.66

D.C. SYND      \$1500.00      LABOUR  
2/10 x \$515.66      103.13      Explosives  
\$1603.13

Thank you

NEWEX SYND      \$412.53      Explosives

*B. Preston*  
McCrory Holdings (Yukon) Ltd.

paid D.C. ch# 696      Sept 5      \$ 2015.66  
paid to D.C. by Nx ch# 193                      412.53  
1603.13



18-12871 Bathgate Way  
Richmond, B.C. V6V 1Y5  
Telephone (604) 273 1878  
Telex 04357519

July 27, 1982.

J.C. Stephen Explorations Ltd.,  
1458 Rupert Street,  
North Vancouver, B.C.  
V7J 1G1

INVOICE: 8207/2

re: diamond drilling on the Mun Property: July 14-July 23/82.

Footage

<u>Hole #</u>	<u>Interval</u>	<u>BW Casing</u>	<u>BQ Coring</u>
Mun 1	0-25	25	
	25-255		230
Mun 2	0-2	2	
	2-251		249
		27	479

Totals: BW Casing - 27' @ 30.00/ft. 810.00  
BQ Coring - 479' @ 25.00/ft. 11,975.00

Labor Hours

<u>Date</u>	<u>Hours</u>
July 16	26
17	8
18	2
19	8
20	8
21	3
22	26

81 hrs. @ 24.00/hr. 1,944.00

Mob./Demob: 3,300.00

18,029.00

/....2

2.

J.C. Stephen Exploration Ltd.,  
July 27, 1982.

b/f 18,029.00

Consumeables

Groceries: 50%	198.87
Coreboxes: 24 @ 4.95	118.80
Corebox Lids: 6 @ 2.00	12.00
Propane	11.50
Polydrill	<u>30.00</u>

371.17 + 15% 426.84

Helicopter Sling Insurance: 3 moves @ 150.00/move 450.00

\$18,905.84

Less Advance 5,000.00

\$13,905.84



P. O. Box 269  
Watson Lake, Yukon  
YOA 1C0

11 April, 1983

Your file    Votre référence

Our file    Notre référence



*Someone  
please all  
bealms  
get  
copy  
of  
this  
letter*

Regional Manager Mineral Rights

RESTRICTED

Please be advised that drill core from the MUN claim group is being stored on JC 3 (105-B-4) at the main camp site. Logs were previously sent to you on 2 March, 1983.

Yours truly,

Patti L. McLeod  
Mining Recorder  
Watson Lake Mining District

PLM



P. O. Box 269  
Watson Lake, Yukon  
YOA 1C0

2 March 1983

Your file    *Voire référence*

Our file    *Notre référence*

REGIONAL DIRECTOR RESOURCES

Attention: Regional Manager  
Mineral Rights

RESTRICTED

Enclosed for your files are drill logs submitted by J. C. Stephen  
Explorations Ltd. for assessment on the MUN mineral claims, 105-B-3.

Drill holes were as follows:

Mun 79	DDH 82-1	255 ft.
Mun 77	DDH 82-2	251 ft.

Assessment credit requested is \$14,000.00.

I have requested the Company to advise where the drill core is being stored  
and will forward that information when available.

Yours truly,

Patti L. McLeod  
Mining Recorder  
Watson Lake Mining District

PLM/pj  
cc: Regional Geologist

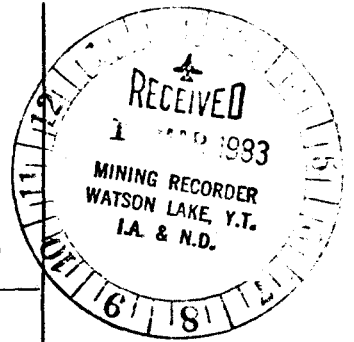
091441



Department of Indian Affairs and Northern Development  
YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

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



I (Name)	J.C. Stephen	Occupation	Prospector
(Postal Address)	c/o J.C. Stephen Explorations Ltd. 1458 Rupert Street, North Vancouver, B.C. V7J 1G1		

OFFICE DATE STAMP

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)

MUN 77, YA 12490

situated at south of MUNSON LAKE Claim Sheet No. 105 B/3  
in the Watson Lake Mining District, to the value of at least \$8,000.00  
dollars, since the 7th day of March 19 82.

to represent the following mineral claims under the authority of Grouping Certificate No. 3422  
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested.)

- through 2-1983*      *11, 12 1982*
- |                    |                |                                       |
|--------------------|----------------|---------------------------------------|
| YA 12388 - 398     | MUN 2 - 12     | Request 5 years renewal on each claim |
| YA 12481, 483, 485 | MUN 68, 70, 72 |                                       |
| YA 12488, 490      | MUN 75, 77     |                                       |

- 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.)

251 feet of BQ diamond drilling on MUN 77 as described in "Diamond Drill Records" MUN 6 claim Group Dated November 12, 1982. Total Expenditure \$14,753.00 between June 28 and July 23, 1982.

Sworn before me at NORTH VANCOUVER B.C.  
this 24 day of FEBRUARY 19 83

Notary Public

A Notary Public in and for  
the Province of British Columbia

J.C. Stephen  
Applicant.

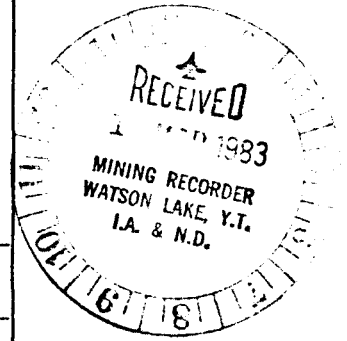


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(Postal Address)	c/o J.C. Stephen Explorations Ltd. 1458 Rupert Street, North Vancouver, B.C. V7J 1G1		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT:-

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

2. 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)

MUN 79 YA12492

situated at South of MUNSON LAKE Claim Sheet No. 105 B/3

in the Watson Lake Mining District, to the value of at least \$8,000.00

dollars, since the 7th day of March 19 82

to represent the following mineral claims under the authority of Grouping Certificate No. 3423

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

- 7 Mar 83 YA 12399, 400      MUN 13, 14      Request 5 years renewal on each claim
- 7 Mar 84 <sup>17, 19</sup> YA 12403, 405, 407, 409      MUN 17, 19 <sup>21, 23</sup> 7 Mar 83
- YA 12411 - 416      MUN 25 - 30 7 Mar 83
- YA 12489, 491 - 493      MUN 76, 78-80 21 Mar 84

3. 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.)

255 feet of BQ Diamond drilling on MUN 79 as described in "Diamond Drill Records" MUN Claim Group dated November 12, 1982. Total expenditure \$14,989.00 between June 28 and July 23, 1982.

Sworn before me at NORTH VANCOUVER B.C.  
this 24 day of FEBRUARY 19 83

[Signature]  
Notary Public

[Signature]  
Applicant.