



TO A Mining Recorder, Whitehorse, Yukon

File No. (originator) — Dossier n° (source) 340-13-2

FROM DE Supervising Mining Recorder Whitehorse, Yukon

File No. (addressee) — Dossier n° (destinataire)

Enter & Pass for Recommendation B.G. Washburn

Subject - Objet Bore Hole Drilling Program

Archer Cathro and Associates Ltd.

BEN, NEB, PAL, KAP Mineral Claims per applications.

Prorated portion on report allocated to these claims is valued at \$9,234.57

Require support of \$7,750.00 to renew above claims

Signature B.E. Sias

Date 24/09/76

Reply - Réponse

Oct 4/76

I recommend acceptance in the amount of \$7,750.00 HJA

021341

Signature

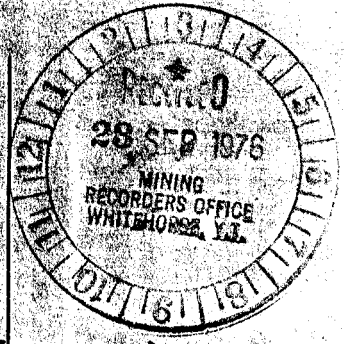
Date



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)	M.P. PHILLIPS	Occupation	GEOLOGIST
(Postal Address)	P.O. Box 4127, WHITEHORSE, Y.T.		

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)

PAL 3 - Y 62345

situated at MINTO AREA Claim Sheet No. 115-I-11
in the WHITEHORSE Mining District, to the value of at least \$ 500.00
dollars, since the 13 day of OCTOBER 19 75.

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

GROUP 6 KAP 1 - Y 62391 - 1 BEN 33F - Y 63266 - 1
2 - Y 62392 - 1 34F - Y 63267 - 1
PAL 1 - Y 62343 - 1
2 - Y 62344 - 1
3 - Y 62345

< 25 ACRES.

- 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.)

DRILLING - SEE APPENDIX A
BALANCE GROUP 5 \$ 1578.18
LESS GROUP 6 500.00
BALANCE GROUP 6 \$ 1078.18

Sworn before me at WHITEHORSE, Y.T.
this 13 day of SEPT. 1976

A. O.
Notary Public

M.P. Phillips
Applicant.
M.P. PHILLIPS FOR ARCHER
CATHERS ASSOCIATES LTD.

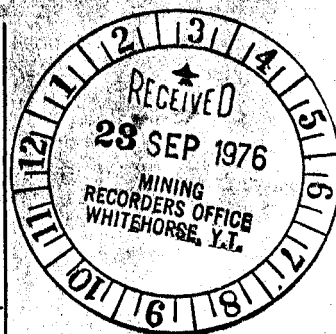


Department of Indian Affairs and Northern Development

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(Postal Address)	P.O. Box 4127, WHITEHORSE, Y.T.		

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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)

PAL 3 - Y 62345

situated at MINTO AREA Claim Sheet No. 115-I-11
 in the WHITEHORSE Mining District, to the value of at least \$ 1050.00
 dollars, since the 19 day of OCTOBER 1975

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

- GROUP 7
- PAL 19 - Y62361 -1
 - 21 - Y62363 -1
 - 23 - Y62365 -1
 - 25 - Y62367 -1
 - 27 - Y62369 -1
 - 29 - Y62371 -1
 - 31 - Y62373 -1

- BEN- 35F - Y63268 -1
- 37F - Y63270 -1
- 39F - Y63272 -1
- 41F - Y63274 -1
- 43F - Y63276 -1
- 45F - Y63278 -1

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.)

DRILLING - SEE APPENDIX A

BALANCE GROUP 6.	1078.18
LESS GROUP 7.	<u>1050.06</u>
BALANCE GROUP 7	28.18

Sworn before me at WHITEHORSE Y.T.
 this 19 day of SEPTEMBER 1976

[Signature]
 Notary Public

[Signature]
 M.P. PHILLIPS Applicant.
 FOR ARCHER, CATHERO & ASSOC LTD



Department of Indian Affairs and Northern Development
YUKON QUARTZ MINING ACT

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I (Name)	M. P. PHILLIPS	Occupation	GEOLOGIST
(Postal Address)	P.O. Box 4127, WHITEHORSE Y.T.		

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)

PAL 17 - Y62359

situated at MINTO AREA Claim Sheet No. 115-I-11
in the WHITEHORSE Mining District, to the value of at least \$650.00
dollars, since the 19 day of OCTOBER 19 75.

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

GROUP 8

PAL 17 - Y62359 - 1
BEN 65 - Y66838 - 1
66F - Y63299 - 1
67F - Y63300 - 1
68F - Y63301 - 1
69F - Y63302 - 1

BEN 70F - Y63303 - 1
71F - Y63304 - 1
72F - Y63305 - 1

• < 25 ACRES.

- 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.)

DRILLING - SEE APPENDIX A

PAL 17 TOTAL COST 1539.09
LESS GROUP 8 . 650.00
BALANCE GROUP 8 \$889.09

Sworn before me at WHITEHORSE, Y.T.
this 19 day of SEPTEMBER 19 76

A. A.
Notary Public

M. P. Phillips
Applicant.
M. P. PHILLIPS FOR ARCHER
CATHRO & ASSOCIATES LTD.



Department of Indian Affairs and Northern Development
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I (Name) M. P. PHILLIPS Occupation GEOLOGIST

(Postal Address) P.O. Box 4127, WHITEHORSE, Y.T.

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)

PAL 34 - Y62376

situated at MINTO AREA Claim Sheet No. 115I/11

in the WHITEHORSE Mining District, to the value of at least \$ 1250.00

dollars, since the 19 day of OCTOBER 19 75.

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

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

GROUP 9

PAL 34 - Y62376 - 1
36 - Y62378 - 1
38 - Y62380 - 1
40 - Y62382 - 1
42 - Y62384 - 1
44 - Y62386 - 1
46 - Y62388 - 1
48 - Y62390 - 1

BEN. 1F - Y63234 - 1
4F - Y63237 - 1
6F - Y63239 - 1
8F - Y63241 - 1
10F - Y63243 - 1
12F - Y63245 - 1
14F - Y63246 - 1

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.)

DRILLING - SEE APPENDIX A.

PAL 34 TOTAL COST \$3078.18
LESS GROUP 9. 1250.00
BALANCE GROUP 9 \$1828.18

Sworn before me at WHITEHORSE, Y.T.
this 19 day of SEPTEMBER 1975

A. A.

Notary Public

M. P. Phillips

Applicant.

M. P. PHILLIPS FOR ARCNER
CATHRO, ASSOCIATES LTD



Department of Indian Affairs and Northern Development
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(Postal Address)	Box 4127, WHITEHORSE, Y.T.		

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- 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)

PAL 34 Y 62376

situated at MINTO AREA Claim Sheet No. 115I/11
 in the WHITEHORSE Mining District, to the value of at least \$ 1250.00
 dollars, since the 19 day of OCTOBER 19 75

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

GROUP 10 PAL 33 - Y 62375 - 1
 35 - Y 62377 - 1
 37 - Y 62379 - 1
 39 - Y 62381 - 1
 41 - Y 62383 - 1
 43 - Y 62385 - 1
 45 - Y 62387 - 1
 47 - Y 62389 - 1

BEN 2F - Y 63235 - 1
 3F - Y 63236 - 1
 5F - Y 63238 - 1
 7F - Y 63240 - 1
 9F - Y 63242 - 1
 11F - Y 63244 - 1
 13F - Y 63246 - 1

- 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.)

DRILLING - SEE APPENDIX A

BALANCE GROUP 9 \$ 1828.18
 LESS GROUP 10 1250.00
 BALANCE GROUP 10 \$ 578.18

Sworn before me at WHITEHORSE Y.T.
 this 19 day of SEPTEMBER 1976

A. A.
 Notary Public

M.P. Phillips
 Applicant
 M.P. PHILLIPS FOR ARCHER
 CATRO & ASSOCIATES LTD.



Department of Indian Affairs and Northern Development

YUKON QUARTZ MINING ACT

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



I (Name) <u>M.P. PHILLIPS</u>	Occupation <u>GEOLOGIST</u>
(Postal Address) <u>P.O. Box 4127</u>	

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)

PAL 17 - Y62359

situated at MINTO AREA Claim Sheet No. 115I/11

In the WHITEHORSE Mining District, to the value of at least \$ 50.00

dollars, since the 19 day of OCTOBER 1975

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

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

GROUP 11. BEN 49F - Y63282 - 1.

< 25 ACRES

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.)

DRILLING SEE APPENDIX

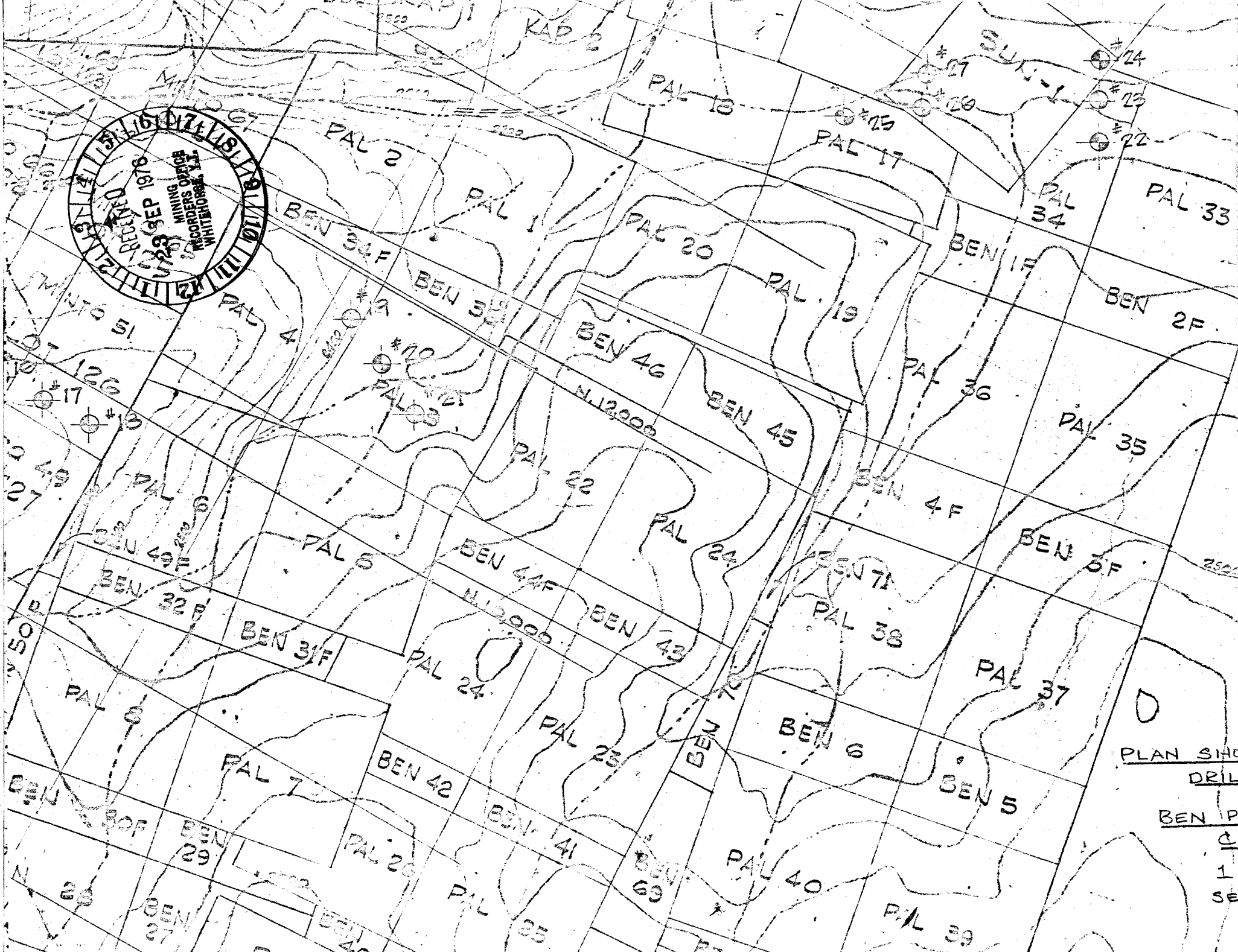
BALANCE GROUP 8	\$ 889.09
LESS GROUP 11	50.00
BALANCE GROUP 11	\$ 839.09

Sworn before me at WHITEHORSE, Y.T.
this 19 day of SEPTEMBER 1976

A. A.
Notary Public

M.P. Phillips
Applicant.

M.P. PHILLIPS FOR ARCHER, CATHRO & ASSOCIATES LTD.



PLAN SHOWING LOCATION
DRILL HOLES

BEN PAL KAP & NEB
CLAIMS

1 IN = 1,000 FT.
SEPT, 1976

RECORD OF BOREHOLE #19 Scheme 1 Tailing Dam

LOCATION (See Figure 2) N. 11,550
E. 18,240

BORING DATE May 11, 1976

BOREHOLE TYPE Permafrost Core Barrel

BOREHOLE DIAMETER

DATUM

Project No. 1-76055

SOIL PROFILE		STRATIGRAPHY PLOT	SAMPLE NUMBER	SAMPLE TYPE	BLOWS / FOOT	ELEVATION SCALE	WATER CONTENT PERCENT			PIEZOMETER OR STANDPIPE INSTALLATION	ADDITIONAL LAB. TESTING
ELEV. DEPTH	DESCRIPTION						W _p	W	W _L		
0.0'	Ground Surface										
0.5'	Moss										
2.5'	Silt and fine sand; laminated with scattered organic. Occasional seams of gravel and coarse sand.		1	C.B.							
	Frozen below 2.5 ft. depth with numerous icelenses approx. 1/8 in. thick.		2	"							
6.5'	Sand; slightly silty with		3	"							
7.5'	Gravel to 1 in. size.										
	Hole could not be advanced through gravel layer.										

VERTICAL SCALE
1 inch to 5 feet

Golder Associates

DRAWN
CHECKED *[Signature]*

RECORD OF BOREHOLE #20 Scheme 1 Tailing Dam

LOCATION (See Figure 2) N. 11, 425
E. 18, 625
BOREHOLE TYPE Permafrost Core Barrel

BORING DATE May 10, 1970
BOREHOLE DIAMETER
DATUM

Project No. V-76055

SOIL PROFILE		STRATIGRAPHY PLOT	SAMPLE NUMBER	SAMPLE TYPE	BLOWS / FOOT	ELEVATION SCALE	Temperature (°C) □				PIEZOMETER OR STANDPIPE INSTALLATION	ADDITIONAL LAB. TESTING
ELEV. DEPTH	DESCRIPTION						-2	-1	0	+1		
							WATER CONTENT PERCENT					
							W _P	W	W _L			
							20	40	60	80		
	Ground Surface											
0.0'	Peat-black with wood and segregated ice.		1	C.B.								
1.5'	Clear ice - -with silt, fine sand and scattered gravel; approximately 50% ice.											
2.0'												
3.8'	Ice											
4.5'	Silt-grey, clayey; trace of fine sand and organic.		2	"								
7.0'	Silt-with fine sand and scattered gravel; ice lenses.		3	R.C.								
			4	"								
			5	"								
			6	"								
			7	"								
18.0'	End of Hole											

4 in. Diamond Core

d

Thermister

VERTICAL SCALE
1 inch to 5 feet

Golder Associates

DRAWN df
CHECKED gls

RECORD OF BOREHOLE #22 *Scheme 2b Damsite*

LOCATION (See Figure 2) *N. 16,200
E. 23,100*
BOREHOLE TYPE *Permafrost Core Barrel*

BORING DATE *May 12, 1976*
BOREHOLE DIAMETER
DATUM

SOIL PROFILE		STRATIGRAPHY PLOT	SAMPLE NUMBER	SAMPLE TYPE	BLOWS / FOOT	ELEVATION SCALE	Temperature (°C) □				PIEZOMETER OR STANDPIPE INSTALLATION
ELEV. DEPTH	DESCRIPTION						-4	-3	-2	-1	
							W _p	W	W _L		
							20	40	60	80	
	<i>Ground Surface</i>										
1.0'	<i>Moss Peat</i>										
		1	C.B.				□	□			T
11.0'	<i>Sand and fine gravel Fine gravel</i>						□	○			T
	<i>Silt and fine Sand; laminated with scattered organic; Occasional seams of gravel and coarse sand; Frozen throughout with zones containing segregated ice crystals.</i>	3					○		□		T
		4					○		□		T
		5					□	○			T
	<i>Occasional ice lenses at inclination 45° to vertical.</i>	6					□	○			T
54.0'	<i>End of Hole</i>										
	<i>See also photo record of frozen core recovered from this hole.</i>										
							HO 33.6	33.9			T

Thermistors

RECORD OF BOREHOLE #23 *Scheme 2b Damsite*

LOCATION (See Figure 2) *N. 16,600 E. 22,910*

BORING DATE *May 13, 1976*

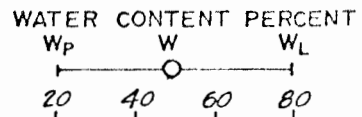
BOREHOLE TYPE *Permafrost Core Barrel*

BOREHOLE DIAMETER

DATUM

Project No. 770252

SOIL PROFILE		STRATIGRAPHY PLOT	SAMPLE NUMBER	SAMPLE TYPE	BLOWS / FOOT	ELEVATION SCALE	WATER CONTENT PERCENT			PIEZOMETER OR STANDPIPE INSTALLATION	ADDITIONAL LAB. TESTING
ELEV. DEPTH	DESCRIPTION						W _p	W	W _L		
	<i>Ground Surface</i>										
<i>0.0'</i>	<i>Moss</i>										
<i>0.5'</i>	<i>Peat layer with ice</i>										
<i>1.0'</i>	<i>Silt and fine sand; laminated with scattered organic; occasional seams of gravel and coarse sand; Frozen throughout with zones containing segregated ice crystals.</i>		<i>1</i>	<i>C.B.</i>							
			<i>2</i>	<i>"</i>							
<i>11.0'</i>	<i>Ice</i>										
<i>12.0'</i>	<i>Silt-grey with wood and ice.</i>										
<i>14.5'</i>	<i>Sand and gravel.</i>		<i>3</i>	<i>"</i>							
<i>16.5'</i>	<i>Silt-grey with organic, ice and sand and gravel.</i>										
<i>18.5'</i>	<i>Sand and gravel to 1 in. max. size.</i>										
<i>21.5'</i>	<i>End of Hole</i>		<i>4</i>	<i>"</i>							



VERTICAL SCALE
1 inch to 5 feet

Golder Associates

DRAWN *[Signature]*
CHECKED *[Signature]*

RECORD OF BOREHOLE #25 Scheme 2a Damsite

LOCATION (See Figure 2) N. 15,450
E. 20,900

BORING DATE May 11 & 12, 1976

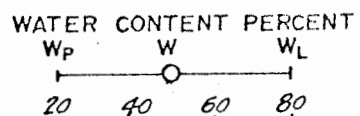
BOREHOLE TYPE Permafrost Core Barrel

BOREHOLE DIAMETER

DATUM

Project No. V-26055

SOIL PROFILE		STRATIGRAPHY PLOT	SAMPLE NUMBER	SAMPLE TYPE	BLOWS / FOOT	ELEVATION SCALE	WATER CONTENT PERCENT			PIEZOMETER OR STANDPIPE INSTALLATION	ADDITIONAL LAB. TESTING
ELEV. DEPTH	DESCRIPTION						W _P	W	W _L		
	Ground Surface										
0.0'	Moss										
0.5'	Peat-black, amorphous, silty with wood; Ice lenses to 1/2 in. thick.		1	C.B.							
8.0'	Silt and fine Sand, laminated with scattered organic; Occasional seams of gravel and coarse sand; Frozen throughout with zones containing segregated ice crystals.		2	"				Ho			
			3	"							
			4	"				Ho			
13.8'	Gravel-Sand										
21.5'	Could not advance hole below 21.5 ft. depth.										



VERTICAL SCALE
1 inch to 5 feet

Golder Associates

DRAWN
CHECKED *[Signature]*

APPENDIX A

Work Outline and Cost Breakdown

Gold Associates , as part of the Minto Feasibility Study, supervised a drilling program part of which was on Archer, Cathro's Ben-Pal-Kap and Neb claim group. Drill contractor, Mobile Augers and Research Ltd. of Edmonton, used a ranger auger to conduct this work. A Trans North Turbo Air Ltd., Bell 206 Jet Ranger helicopter based as Carmacks was used to mobilize men and equipment. Hole location surveying was carried out by Underhill & Underhill of Whitehorse.

The total cost of the program is as follows:

Golder Associates	\$ 24,950.73
Underhill & Underhill	4,680.80
Trans North Turbo Air Ltd.	<u>17,380.85</u>

TOTAL -- \$ 47,012.38'

The costs credited to Archer, Cathro's Ben, Pal, Kap & Neb claim group is 2.75 days for program completed in 14 days to drill six holes.

$$\frac{2.75}{14} \times 47,012.38 = \$9,234.57$$

Cost per hole has been arbitrarily prorated at $\frac{9,234.57}{6} = \$1,539.09$

Assessment credit per claim is as follows:

Pal 3	Hole 20	\$1,539.09	
Pal 3	21	<u>\$1,539.09</u>	
			\$3,078.18
Pal 4	19	\$1,539.09	
Pal 17	25	\$1,539.09	
Pal 34	22	\$1,539.09	
Pal 34	23	<u>\$1,539.09</u>	
			<u>\$3,078.18</u>
			TOTAL -- \$9,234.54



Golder Associates
CONSULTING GEOTECHNICAL ENGINEERS

P/76/808

August 24, 1976.

United Keno Hill Mines Ltd.,
Whitehorse,
Yukon Territories.

Attention: Mr. J.D. Morrison, P.Eng.

Re: Minto Feasibility Study
Field Investigation Program

Dear Sirs:

As requested during our telephone conversation on August 23, charges against the field investigation program are summarised as follows:

Time charges	- R. Quist		\$ 3,761.57
Expense accounts	- R. Quist	\$ 623.90	
Air fare	- R. Quist	226.00	
Mobile Augers and Research		17,537.43	
Instrumentation supplied to site		1,620.42	
Sample and equipment transportation		172.40	
		<hr/>	
		\$20,180.15	
5% on disbursements		1,009.01	21,189.16
		<hr/>	
			\$ 24,950.73

Yours very truly,

GOLDER BRAUNER & ASSOCIATES LTD.

David B. Campbell
David B. Campbell, P.Eng.

DBC:ctr
V76055

cc. Wright Engineers Limited



Underhill & Underhill

Professional Engineers - Dominion & B.C. Land Surveyors

Minto Project
 United Keno Hill Mines Ltd.
 405 Main Street
 Whitehorse, Yukon

212 Main Street
 P.O. Box 4068
 Whitehorse, Yukon Y1A 3S9
 Telephone (403) 667-2048
 Telex 036-8-211

Our File: Y-963
 Your File: P.O. #01603

May 11, 1976
 INVOICE No. 1413

RE: Engineering Survey for Soils Investigation
 Drilling Programme - Minto Project, Y.T.

PERIOD: April 2, 1976 - May 6, 1976

TO: Consultations with Project Group; calculation
 of preliminary layout dimensions from
 preliminary co-ordinates supplied; supply of
 field sketches;

Plotting revised drill locations on legal survey
 grid; consultations with Mr. Morrison;

Mobilization of field personnel; layout of
 24 drill hole locations at specified locations
 and traverse to creek section; calculations,
 checking, calculation of select elevations;
 demobilization to Whitehorse;

Completion of field notes and review of work;

Presentation of final returns.

Professional Services	256.00	
Wages	3,212.25	
Board and Lodging	821.20	
Transportation	251.40	
Field Expenses	150.45	\$4,691.30

SUMMARY OF INVOICES
TRANS NORTH TURBO AIR

FLIGHT DATE	INVOICE No.	TOTAL Hrs	AMOUNT
April 30, 1976	12081	2.0	684.32
" 30 "	12082	0.5	171.08
MAY 1 "	12083	1.7	581.36
" 1 "	12084	1.9	650.26
" 2 "	12085	3.0	1026.48
" 2 "	12086	1.1	383.18
" 3 "	12087	2.2	758.82
" 3 "	12088	1.1	383.18
" 4 "	12089	1.2	417.82
" 4 "	12090	2.5	855.40
" 5 "	12091	1.0	348.54
" 5 "	12092	2.7	923.52
" 6 "	12093	1.7	581.36
" 6 "	12094	3.5	1207.13
" 8 "	12095	3.2	1102.14
" 9 "	12096	2.9	998.80
" 10 "	12097	2.1	725.34
" 11 "	12098	3.7	1276.41
" 12 "	12099	4.1	1416.04
" 13 "	12100	2.0	684.32
" 14 "	12101	3.5	1207.13
" 15 "	12102	2.9	998.22
		<u>50.5</u>	<u>17380.85</u>

Cost / hour = \$344.18

Code M-11-3

MINTO PROJECT
GEO TECHNICAL INVESTIGATION
BOREHOLE INFORMATION

<u>HOLE NO.</u>	<u>DATE DRILLED</u>	<u>CLAIM</u>	<u>OWNER</u>	<u>DRILLING TIME</u>	<u>ASSESSMENT TIME TO EACH GROUP</u>
#1	May 6/76	DEF 14	U.K.H.M.	U.K.H.M.	
#1A	May 6/76	DEF 15	"	Claims	U.K.H.M.
#2	May 5/76	DEF 81F	"	is	
#3	May 4/76	DEF 15	"	5.5 days	$5.5/14 \times 100 = 39.29\%$
#3A	May 4/76	DEF 15	"		
#4	May 3/76	DEF 15	"		
#5	May 3 & 4/76	DEF 81F	"		
#6	May 5/76	DEF 15	"		
#7	May 5/76	DEF 15	"		
#9	May 2/76	DEF 14	"		
#10	May 9/76	MINTO 10	ASARCO		
#10A	May 9/76	MINTO 10	"	ASARCO	ASARCO
#10B	May 9/76	MINTO 10	"	Claims	
#11	May 6/76	MINTO 9	"	is	
#11A	May 6/76	MINTO 9	"	4.25 days	$4.25/14 \times 100 = 30.36\%$
#11B	May 7/76	MINTO 9	"		
#12	May 7/76	MINTO 32	"		
#13	May 8/76	MINTO 32	"		
#16	May 10/76	MINTO 51	"		
#17	May 10/76	MINTO 51	"		
#18	May 10/76	MINTO 51	"		
#19	May 11/76	PAL 4	DRJV	DRJV	D.R.J.V.
#20	May 10/76	PAL 3	"	Claims	
#21	May 11/76	PAL 3	"	is	
#22	May 12/75	PAL 34	"	2.75 days	$2.75/14 \times 100 = 19.64\%$
#23	May 13/75	PAL 34	"		
#24	May 13/76	SUN 1	SUN GROUP	SUN GROUP	SUN GROUP
#25	May 11 & 12/76	PAL 17	DRJV	Claim	
#26	May 14/75	SUN 1	SUN Group	is	
#27	May 14/75	SUN 1	" "	1.5 days	$1.5/14 \times 100 = 10.71\%$
				<u>14.0 DAYS TOTAL</u>	

ARCHER, CATHRO
AND ASSOCIATES LTD.
CONSULTING GEOLOGICAL ENGINEERS

WHITEHORSE, Y.T. 667-4415

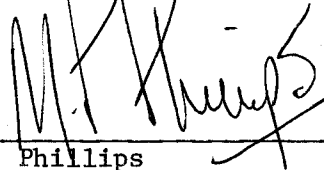
6TH FLOOR, TWO BENTALL CENTRE, VANCOUVER, B.C. 688-2568

POST OFFICE BOX 4127
WHITEHORSE, Y.T.

AFFIDAVIT

I, Michael P. Phillips of Whitehorse, Y.T. make oath and say:

That to my knowledge and belief, costs to the amount of \$47,012.38 for drilling on DEF, Minto and Ben Pal, Kap and Ben claim groups during the period April 30, 1976 to May 15, 1976 is true and accurate.



M.P. Phillips

Sworn before me at Whitehorse
this 21 day of September, 1976



Notary Public, Yukon Territory