

105-K-2

Foto 12 Y 66401

CYPRUS ANVIL MINING CORPORATION

2 HOLES - 853 FT

CYPRUS ANVIL MINING CORPORATION

09/211

DIAMOND DRILL CORE LOGHole Number: 78-X-14

Fabric Orientation Diagram:

Project: SwimLocation: Swim BasinClaim: FOTO 12Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 124E 8+00N1965 Cub gravity grid
INCLINATION VERTICAL.

All symmetry determinations looking

_____ with _____ dipping

Elevation: 990.6 m.

_____ with dip azimuth _____.

Total Depth: 229.3 m.Purpose: To test down-dip projection of graphitic horizonLogged by: D. S. Jennings Date(s) Logged: April, 1978Drilling Contractor: Arctic Diamond Drilling Core: Size From To Collar Cased and Capped: _____Started: April 2nd Completed: April 26, 1978

SUMMARY LOGDDH 78-X-14

<u>Metres</u>			
0.0 - 56.4			Overburden.
56.4 - 204.1	3G		Non-calcareous, muscovite-chlorite ⁺ biotite phyllite/schist, undifferentiated.
204.1 - 209.6	3B		Chloritic phyllite/schist.
209.6 - 229.3	3G		Non-calcareous, muscovite-chlorite ⁺ biotite phyllite/schist, undifferentiated.

END OF HOLE

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-14A Fabric Orientation Diagram: _____Project: SwimLocation: Swim BasinClaim: FOTO 12Terr. Plane
Co-ords.: _____ N

_____ E

Grid
Co-ords.: 123+50 8+00NINCLINATION: VERTICAL All symmetry determinations looking
_____ with _____ dippingElevation: 990.6 m. _____ with dip azimuth _____Total Depth: 75 ft. NO CORING WAS DONE ON THIS HOLE

Purpose: _____

Logged by: _____ Date(s) Logged: _____

Drilling
Contractor: _____ Core: Size From To Collar Cased
and Capped: __________

Started: _____ Completed: _____

001211

Fabric Orientation Diagram

Project: Swim Lakes

Location: Cub Lake

Claim: Foto

Terr. Plane Co-ordinates: N

E

Grid Co-ordinates: 00N

1+50W

All symmetry determinations looking

with dipping

with dip azimuth .

Total Depth: 74.5'

Purpose: To test strong E.M. anomaly (assessment)

Logged by: R. P. Hill Date(s) Logged: March 1976

Drilling	Arctic Diamond				
Contractor:	<u>Drilling</u>	<u>Core:</u>	Size	From	To
					Collar Cased and Capped:

BQ

0

74.5

Started: _____ Completed: _____

Downhole Survey:

Depth

Observed Azimuth

True Azimuth

Inclination

[illegible]

Survey Method: Not surveyed.

DIAMOND DRILL CORE LOG

09211

Hole Number: 76-07Fabric Orientation DiagramProject: Swim LakesLocation: Cub LakeClaim: FotoTerr. Plane Co-ordinates: N

E

Grid Co-ordinates: 00N

1+50W

All symmetry determinations looking
with dipping
with dip azimuth.Total Depth: 502'Purpose: To test strong E.M. anomaly (assessment)Logged by: R. P. Hill Date(s) Logged: April 1976Drilling Arctic DiamondContractor: Drilling Core: Size From To Collar Cased
and Capped:

Sludge (66 76 86

(86 96

Samples (96 103

BQ 103 502

Started: Completed:Downhole Survey:

Depth	Observed Azimuth	True Azimuth	Inclination
200'	E	123°	1.5°
400'	S15°E	198°	4.0°

Survey Method: Sperry Sun

Structural Log

DD-129

Logged By: R. P. Hill

Code	From	To	Feature	E S	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20	22 24 26	28 32	34 38	
		1214180			010 0100	75 01010	S ₁ approx. vertical.
		1215180			010 01010	810 01010	S ₁ approx. vertical.
							Poor S ₃ 52-000.
		1216180			215 21710	810 01010	Poor S ₃ 56-270.
		1217180					S ₂ and S ₃ both rather irregular.
							S ₁ ^ C.A. approx. 20°.
		1218180			215 01910	719 01010	
		1219180			410 21710	710 01010	
		1310180			010 01010	817 01010	S ₁ vertical.
		1311180			510 11810	515 01010	S ₁ not seen.
							Poor S ₃ - quartz veinlets and fractures.
		1312180				810 01010	S ₁ not well seen.
		1313180		Z	719 01010	719 01010	S ₁ sub//S ₂ .
		1314180			410 01910	817 01010	
						↑	Quartz vein between these two - fault?
		1316100			310 01910	515 01010	Poor S ₃ 60 - 320.
		1317160			610 01010	610 01010	S ₁ sub//S ₂ .
		1318160			210 11810	814 01010	
		1319160		Z	115 01415	516 01010	
		1410160			413 11810	717 01010	

DIAMOND DRILL CORE LOG

091211

Hole Number: 76-08Fabric Orientation DiagramProject: Swim LakeLocation: South end of FotoClaim: FotoTerr. Plane Co-ordinates: N EGrid Co-ordinates:

All symmetry determinations looking

 with dipping with dip azimuth .Total Depth: 632 ft.Purpose: To test EM anomaly and for assessmentLogged by: R. P. HillDate(s) Logged: April, 1976Drilling Contractor: Arctic Diamond DrillingCore: SizeFromToCollar Cased
and Capped: NoBQStarted: Completed: Downhole Survey:

<u>Depth</u>	<u>Observed Azimuth</u>	<u>True Azimuth</u>	<u>Inclination</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Survey Method:

Lithologic Log

Logged By: R. P. Hill

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	0	3 7 0	1		O.B.
L	3 7 0	9 4 3	2		Dark grey to black graphite-rich phyllite, contains quite a few veins of quartz containing very large pyrite crystals.
L	9 4 3	1 3 7 0	3		Interlaminated light to medium grey micaceous slate/phyllite and dark grey to black graphitic slate/phyllite. Contains a couple of bands up to 1 ft. thick of medium grey silty limestone and calcareous quartzite. A few thin quartz veins and small pyrite crystals.
L	1 3 7 0	2 5 7 0	4		Mostly light to medium grey slightly graphitic muscovite slate/phyllite with occasional interlamination of white quartzite. Contains a few veinlets and blebs of quartz which contain minor pyrite. Unit much less quartz-rich than phyllite of 76-07 142-145' thick quartz vein
L	2 5 7 0	5 4 9 5	S		Medium to dark grey graphitic muscovite phyllite with a few interlamination of white quartzite laced with veinlets of quartz, also a few thicker quartz veins. 374-406 - Abundant quartz vein material - about 50% of core. In places contains minor feldspar, also minor Po. At 430 ft. - band a couple of inches thick of light green chlorite muscovite phyllite. At 435 ft. - ditto 444-459 - Same as 374-406. 498-507 - ditto 545-549.5 - ditto
L	5 4 9 5	5 7 7 5	6		Interlaminated light to medium greenish grey quartz-rich muscovite chlorite phyllite and black graphitic muscovite phyllite, also (locally) thin interlamination of light grey quartzite. Abundant quartz veining containing minor feldspar and chlorite and trace pyrite.

Structural Log

Logged By: _____

Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	1	10	14	16	20	22				
S				2050				61 000	73 000	
S				2150				60 000	50 000	S ₂ rather poor
S				2250				62 000	62 000	S ₁ //S ₂
S				2350				73 000	73 000	S ₂ folded by KB S ₁ //S ₂
S				2450				69 000	69 000	S ₁ //S ₂
S				2550			E 10	000	69 000	S ₁ folded and irregular
S				2650			S 40	135	56 000	S ₁ steepens and overturns just above
S				2750					53 000	S ₁ irregular
S				2850				75 000	75 000	S ₁ //S ₂ S ₂ folded by KB
				2950				68 000	68 000	S ₁ //S ₂ S ₂ folded by gentle KB ? poor S ₃ = 53-315 (thin quartz veins)
S				3050			E		70 000	S ₁ folded and irregular Poor S ₃ 80-045
S				3160				76 000	76 000	S ₁ //S ₂ poor S ₃ = 80-045
S				3260			E 74	000	74 000	S ₁ sub//S ₂
S				3360				70 000	70 000	F ₁ folds S ₁ //S ₂
S				3465				47 000	47 000	S ₁ sub //S ₂
S				3470		3			66 000	S ₁ folded and irregular
				3570			Z 10	000	62 000	
				3670				45 000	45 000	S ₁ //S ₂ poor S ₃ = 68-315

Structural Log

Logged By: _____

Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description
	10	14	16	20	22	24			32	34	38	
S				3810					62	000		S ₁ folded and irregular
S				3940			Z		75	000		S ₁ folded and irregular
S				4060				60	000	60	000	S ₁ //S ₂
S				4160			Z	55	000	55	000	S ₁ //S ₂
S				4260				83	000	83	000	S ₁ //S ₂
S				4360				80	000	80	000	S ₁ sub//S ₂
S				4490						64	000	This rock is a slate S ₁ not seen
S				4600						76	000	S ₁ not seen. S ₂ becoming steeper down sample
S				4700						85	000	?? S ₁ //S ₂ ??? - no compo banding
S				4800						75	000	? S ₁ //S ₂ - slate - no compo banding
S				4900			E			74	000	S ₁ folded & irregular but generally steep
S				5010			S	65	180	49	000	
S				5110				70	135	55	000	
S				5210						74	000	S ₁ irregular
S				5310						65	000	? S ₁ //S ₂ ? (no compo banding)
S				5410						70	000	? S ₁ //S ₂ ? (no compo banding) F ₁ folds
S				5510				65	000	65	000	S ₁ sub//S ₂
S				5610				75	000	75	000	S ₁ //S ₂

Logged By: _____

[illegible]

DD-129

081211

ARCTIC DIAMOND DRILLING LTD.

~~Box 3204~~ 184 Industrial Road
Whitehorse, Yukon Territory Y1A 2V1

Marwell Area - Phone ~~668-2440~~ 667-6434

~~738 xx 510 W. Hastings Street.~~
~~Vancouver, B.C.~~

~~Phone 688-3328~~

INVOICE #1845
March 31, 1976

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,
330 - 353 Burrard Street,
Vancouver, B.C.

Drilling charges for period March 16 - 31, 1976

Hole: #7603 - 90° x BQ

Core Drilling

789 - 962 = 173 feet @ \$15.50 per foot = \$2,681.50

Materials Lost in Hole

21 only 10' lengths BQ rods @ \$40.90 ea. = \$858.90

1 only BQ core barrel complete 516.00

1 only BQ shell #M7YA561 212.18

1 only BQ bit #9710 314.57

\$1,901.65

Plus 10%

190.16

\$2,091.81

Standby

Awaiting engineers decision

15 man hours @ \$14.75 per hour =

221.25

\$4,994.56

Hole: #7604 x 90° x BQ

Core Drilling

304 - 570 = 266 feet @ \$15.50 per ft. = \$4,123.00

Materials Lost in Hole

23' only 10' lengths BQ rods @ \$40.90 ea. = \$940.70

1 only 10' BQ core barrel complete 516.00

1 only BQ shell #M7YA426 202.57

1 only BQ bit #M6L1381 275.97

\$1,935.24

Plus 10%

193.52

\$2,128.76

\$6,251.76

...../2

Page 2

Invoice #1845 - Cyprus Anvil Mining Corporation - Cont'd

Hole: #7605 x 90° x BQPlowing Road

1 tractor hour @ \$18.00 per hour =	\$18.00	
1 man hour @ \$14.75 per hour =	14.75	\$ 32.75

Overburden

0 - 36 = 36 feet @ \$15.50 per foot =	\$558.00	
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Core Drilling

36 - 1359 = 1323 ft. @ \$15.50 per ft. =	20,506.50	\$21,064.50	\$21,097.25
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Hole: #7606 x 90° x BQPlowing Snow

2 tractor hours @ \$18.00 per hour =	\$36.00	
2 man hours @ \$14.75 per hour =	29.50	\$ 65.50

Installing casing to lake Bottom

0 - 4 = 4 feet @ \$1.00 per foot =		4.00
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Overburden

4 - 27 = 23 feet @ \$15.50 per foot =		356.50
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Triconing

27 - 80 = 53 feet @ \$15.50 per foot =		821.50
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Materials Lost in Hole

1 only 3 7/8" tricone #3961	\$78.00	
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2 only 10' lengths NW casing @ \$63.00 e.=	126.00	
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1 only Sub 3 7/8" to NW	39.00	
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1 only Sub NW to NQ	37.00	
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1 only sub NQ to BW	31.00	
---------------------	-------	--

	\$311.00	
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Plus 10%

	31.10	
--	-------	--

342.10

\$ 1,589.60

Hole: #7607 x 90° x BQInstalling casing to lake bottom

0 - 4 = 4 feet @ \$1.00 per foot =		\$ 4.00
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Overburden

4 - 27 = 23 feet @ \$15.50 per foot =		356.50
---------------------------------------	--	--------

Core Drilling

27 - 502 = 475 ft. @ \$15.50 per foot =		7,362.50
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Standby - awaiting tests

2 man hours @ \$14.75 per hour =	29.50	
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\$ 7,752.50

Hole: #7608 x 90° x BQMaking & cleaning roads

11 tractor hours @ \$18.00 per hour =	\$198.00	
11 man hours @ \$14.75 per hour =	162.25	\$360.25

Overburden

0 - 37 = 37 feet @ \$15.50 per foot =		\$573.50
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Core Drilling

37 - 88 = 51 feet @ \$15.50 per foot =		\$790.50
--	--	----------

\$ 1,724.25

Meals Provided for Company personnel

19 man days @ \$17.50 per day =		\$ 332.50
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TOTAL INVOICE

\$43,742.42

WILLIAM GRANT TRUCKING LTD.

Nº

2959

Box 78

Carcross

Phone 4251

To

Cypress Exploration

Date

March 8/76

Address

Location

Machine No.

Shift

Size

Hrs. or Yds.	Description	Rate	Total.
6	Grading Grading Slims Lake Road.	32 ⁵⁰	195 ⁰⁰

Operator

Customers Signature.

WILLIAM GRANT TRUCKING LTD.

Nº

2960

Box 78

Carcross

Phone 4251

To

Cypress Exploration

Date

March 9/76

Address

Location

Machine No.

Shift

Size

Hrs. or Yds.	Description	Rate	Total.
8	Cat TD25	60 ⁰⁰	720 ⁰⁰
4	Cat TD25		
Day & Afternoon Shift - plowing Slims Lake Road to Cub Lake.			

Operator

Customers Signature.

DD-129

WILLIAM GRANT TRUCKING LTD.

Nº 2961

Box 78

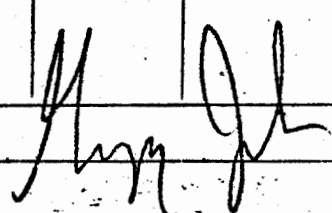
Carcross

Phone 4251

To Cypus Exploration Date March 10, 1976
Address _____ Location _____

Machine No. _____ Shift _____ Size _____

Hrs. or Yds.	Description	Rate	Total.
8	Cat TD25	60 ⁰⁰	600 ⁰⁰
2	Cat TD25		
Day + Afternoon Shift - Plewing Slims lake road to sub lake.			

Operator _____ Customers Signature. **WILLIAM GRANT TRUCKING LTD.**

Nº 2962

Box 78

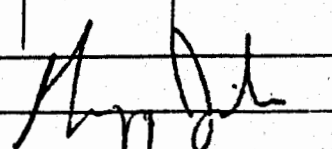
Carcross

Phone 4251

To Cypus Exploration Date March 11, 1976
Address _____ Location _____

Machine No. _____ Shift _____ Size _____

Hrs. or Yds.	Description	Rate	Total.
10	Cat TD25 Unloading cat out from Slims lake.	60. ⁰⁰	600. ⁰⁰

Operator _____ Customers Signature. 

WILLIAM GRANT TRUCKING LTD.N^o

2963

Box 78

Carcross

Phone 4251

To

~~Cypress Creek Mining Corp~~

Date

~~March 26/76~~

Address

Location

Machine No.

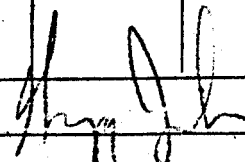
Shift

Size

Hrs. or Yds.	Description	Rate	Total.
9	Grading ^{ET} Grading Slim's lake road	32.50	292.50

Operator

Customers Signature.



011211

ARCTIC DIAMOND DRILLING LTD.

~~Box 3004~~ 184 Industrial Road
Whitehorse, Yukon Territory Y1A 2V1

Marwell Area - Phone ~~668-2440~~ 667-6434

~~738 x 110 W. Hastings Street.~~
~~Vancouver, B.C.~~

~~Phone 688-3328~~

INVOICE #1845

March 31, 1976

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,
330 - 353 Burrard Street,
Vancouver, B.C.

Drilling charges for period March 16 - 31, 1976

Hole: #7603 - 90° x BQ

Core Drilling

789 - 962 = 173 feet @ \$15.50 per foot = \$2,681.50

Materials Lost in Hole

21 only 10' lengths BQ rods @ \$40.90 ea. = \$858.90

1 only BQ core barrel complete 516.00

1 only BQ shell #M7YA561 212.18

1 only BQ bit #9710 314.57

\$1,901.65

Plus 10%

190.16

\$2,091.81

Standby

Awaiting engineers decision

15 man hours @ \$14.75 per hour =

221.25

\$4,994.56

Hole: #7604 x 90° x BQ

Core Drilling

304 - 570 = 266 feet @ \$15.50 per ft. = \$4,123.00

Materials Lost in Hole

23' only 10' lengths BQ rods @ \$40.90 ea. = \$940.70

1 only 10' BQ core barrel complete 516.00

1 only BQ shell #M7YA426 202.57

1 only BQ bit #M6L1381 275.97

\$1,935.24

Plus 10%

193.52

\$2,128.76

\$6,251.76

...../2

Page 2

Invoice #1845 - Cyprus Anvil Mining Corporation - Cont'd

Hole: #7605 x 90° x BQ

Plowing Road

1 tractor hour @ \$18.00 per hour =	\$18.00	
1 man hour @ \$14.75 per hour =	14.75	\$ 32.75

Overburden

0 - 36 = 36 feet @ \$15.50 per foot =	\$558.00	
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Core Drilling

36 - 1359 = 1323 ft. @ \$15.50 per ft. =	20,506.50	\$21,064.50	\$21,097.25
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Hole: #7606 x 90° x BQ

Plowing Snow

2 tractor hours @ \$18.00 per hour =	\$36.00	
2 man hours @ \$14.75 per hour =	29.50	\$ 65.50

Installing casing to lake bottom

0 - 4 = 4 feet @ \$1.00 per foot =		4.00
------------------------------------	--	------

Overburden

4 - 27 = 23 feet @ \$15.50 per foot =		356.50
---------------------------------------	--	--------

Triconing

27 - 80 = 53 feet @ \$15.50 per foot =		821.50
--	--	--------

Materials Lost in Hole

1 only 3 7/8" tricone #3961	\$78.00	
-----------------------------	---------	--

2 only 10' lengths NW casing @ \$63.00 e. =	126.00	
---	--------	--

1 only Sub 3 7/8" to NW	39.00	
-------------------------	-------	--

1 only Sub NW to NQ	37.00	
---------------------	-------	--

1 only sub NQ to BW	31.00	
---------------------	-------	--

Plus 10%

\$311.00		
31.10	342.10	\$ 1,589.60

Hole: #7607 x 90° x BQ

Installing casing to lake bottom

0 - 4 = 4 feet @ \$1.00 per foot =		\$ 4.00
------------------------------------	--	---------

Overburden

4 - 27 = 23 feet @ \$15.50 per foot =		356.50
---------------------------------------	--	--------

Core Drilling

27 - 502 = 475 ft. @ \$15.50 per foot =		7,362.50
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Standby - awaiting test

2 man hours @ \$14.75 per hour =	29.50	\$ 7,752.50
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Hole: #7608 x 90° x BQ

Making & cleaning roads

11 tractor hours @ \$18.00 per hour =	\$198.00	
11 man hours @ \$14.75 per hour =	162.25	\$360.25

Overburden

0 - 37 = 37 feet @ \$15.50 per foot =		\$573.50
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Core Drilling

37 - 88 = 51 feet @ \$15.50 per foot =	\$790.50	\$ 1,724.25
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Meals Provided for Company personnel

19 man days @ \$17.50 per day =		\$ 332.50
---------------------------------	--	-----------

TOTAL INVOICE

\$43,742.42

WILLIAM GRANT TRUCKING LTD.

Nº

2959

Box 78

Carcross

Phone 4251

To Cypress Exploration Date March 8/76

Address _____

Location _____

Machine No. _____

Shift _____

Size _____

Hrs. or Yds.	Description	Rate	Total.
6	Grading Grading Slims Lake Road.	32 ⁵⁰	195 ⁰⁰

Operator _____

Customers Signature. [Signature]**WILLIAM GRANT TRUCKING LTD.**

Nº

2960

Box 78

Carcross

Phone 4251

To Cypress Exploration Date March 9/76

Address _____

Location _____

Machine No. _____

Shift _____

Size _____

Hrs. or Yds.	Description	Rate	Total.
8	Cat TD25	60 ⁰⁰	720 ⁰⁰
4	Cat TD25		
Day & Afternoon Shift - plowing Slims Lake Road to Cub Lake.			

Operator _____

Customers Signature. [Signature]

WILLIAM GRANT TRUCKING LTD.

Nº 2961

Box 78

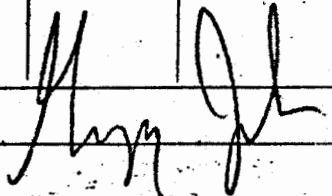
Carcross

Phone 4251

To Cypus Exploration Date March 10, 1976
Address _____ Location _____

Machine No. _____ Shift _____ Size _____

Hrs. or Yds.	Description	Rate	Total.
8	Cat TD25	60 ⁰⁰	600 ⁰⁰
2	Cat TD25		
	Day + Afternoon Shift - Plewing Slims lake Road to sub lake.		

Operator _____ Customers Signature. **WILLIAM GRANT TRUCKING LTD.**

Nº 2962

Box 78

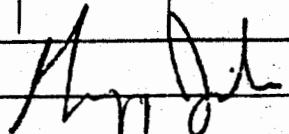
Carcross

Phone 4251

To Cypus Exploration Date March 11, 1976
Address _____ Location _____

Machine No. _____ Shift _____ Size _____

Hrs. or Yds.	Description	Rate	Total.
10	Cat TD25 Walking cat out from Slims lake.	60. ⁰⁰	600. ⁰⁰

Operator _____ Customers Signature. 

WILLIAM GRANT TRUCKING LTD.

Nº 2963 Box 78 Carcross Phone 4251

To Cypress Anvil Mining Corp Date March 26/76
Address _____ Location _____
Machine No. _____ Shift _____ Size _____

Hrs. or Yds.	Description	Rate	Total.
9	Grading ^{ET} Grading Slim's lake road	32.50	292.50

Operator _____ Customers Signature. [Signature]