MAP NO.: 115 I 06	PLACER	ASSESSMENT REPORT X PROSPECTUS CONFIDENTIAL X OPEN FILE	DOCUMENT NO: 120011 MINING DISTRICT: Whitehorse TYPE OF WORK: Rotary Drill Report

REPORT FILED UNDER: J.E. Wallis

DATE PERFORMED: March 5 - 19, 1981 **DATE FILED:** Oct. 20, 1981

LOCATION: **LAT.:** 62° 15'N **AREA:** Seymour Creek

LONG.: 137° 07'W **VALUE $:** 33,495.00

CLAIM NAME & NO.: PL 4770

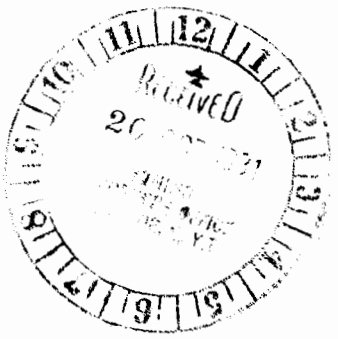
WORK DONE BY: J.E. Wallis

WORK DONE FOR: J.E. Wallis

DATE TO GOOD STANDING:	

REMARKS: SEYMOUR CREEK, MT. FREEGOLD AREA

120011



1981 DRILL REPORT

SEYMOUR PROSPECT LEASE

4770

MT. FREEGOLD AREA

CARMACKS, Y.T.

J.E. WALLIS, P. ENG.

OCTOBER 19, 1981

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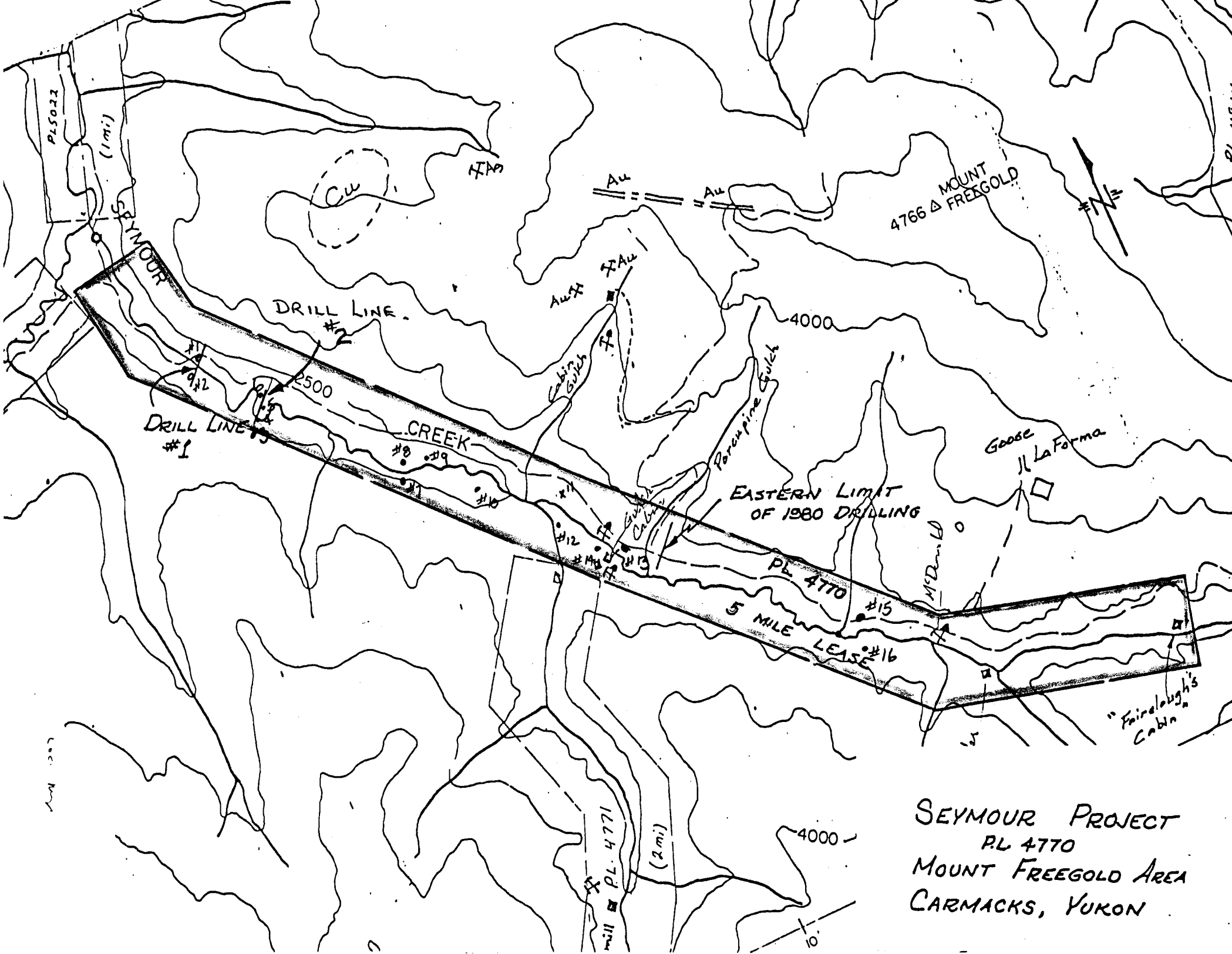

SEYMOUR PROJECT
P.L. 4770
MOUNT FREEGOLD AREA
CARMACKS, YUKON

SEYMOUR CREEK PROSPECT LEASE 4770

The Seymour Prospect Lease is located on Seymour Creek from the confluence of Seymour and Kitchener Creeks to a point 5 miles upstream.

PURPOSE OF THE PROGRAM

An attempt to drill test the Seymour Lease was undertaken in late 1980 utilizing a Hawker Siddelay sonic drill. Although a total of 20 holes were drilled in 1980, the results proved to be unreliable due to sample recovery problems and penetration problems. As a result, a Schramm Rotary drill was moved onto the Lease in March of 1981 and an additional 16 holes drilled to bedrock.

DRILL EQUIPMENT UTILIZED

The Lease was drill tested utilizing a Schramm rotary drill. A D6D Caterpillar dozer was used to prepare the drill sites and to aid in positioning the drill rig.

The Schramm rotary drill bores a 6 5/8 inch drill hole and cases the hole to hole bottom. Sample cuttings are air returned through a cyclone and bagged in 1 foot intervals.

SAMPLE HANDLING AND EVALUATION

Samples are bagged in 1 foot intervals using marked heavy weight plastic bags. Care must be taken to record recoveries; where water is incountered recoveries can be as much as 200 per cent.

.....2/

/sample handling and evaluation cont'd

On completion of the drill holes these samples were transported to the sample preparation area in the camp and west screened to -½ inch. The -½ inch fraction was then hand panned to a concentrate and all recoverable gold removed and weighed.

TOTAL FOOTAGE AND COST

A total of 736' of drill hole was completed on the Seymour Lease during March of 1981.

Cost breakdown is as follows:

Drilling - 736 ft @ $23/ft	.....	$ 16,928.00
Mobilization & Demobilization	.....	6,000.00
Samplers	.....	6,480.00
Camp Costs	.....	4,087.00
	Total	$ 33,495.00

Oct 18/81

LINE _____ HOLE #1

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD ..... 6.5 ..... in.
Shoe ID ..... 6.0 ..... in.
Inside Area ..... sq. ft.

DEPTH
Muck ..... 5 ..... ft.
Gravel ..... 85 ..... ft.
In Bedrock ..... ft.
Total Drilled ..... 90 ..... ft.

FACTORS
Casing .....

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: .....
Coordinates: E .....
N .....

GOLD
Wt. Actual ..... mg.
Wt. Corrected ..... mg.
Fineness .....
Raw Au Value ..... ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started .... March 3 ... 1981
Finished ..... 5 ... 1981

TIME LOG
Moving ..... hrs.
Drilling ..... hrs.
Pulling ..... hrs.
Delays ..... hrs.
Total ..... hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth ..... ft.
Au Wt. Aver. ..... mg./c.y.
Au Aver. Value ..... ¢/c.y.
Au Aver. Value ..... ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-5	5								Muck.
		5-90	85								Water washed gravel.
											some large boulders.
											lots of water 40-90.

Client Name and Address:

Driller_____ Project Super. [signature] Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #2

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . in.
Shoe ID . . . . . 6.0 . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 3. . . ft.
Gravel . . . . . 65. . . ft.
In Bedrock . . . . . ft.
Total Drilled . . . . . 68 . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . . . March. 5 . . . 1981
Finished . . . . . March. 5 . . 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-3	3								Muck.
		3-68	65								Water washed gravel.
											Fine to coarse sandy
											material from 39
											to 65

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE 3

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: SEYMOUR CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . in.
Shoe ID . . . . . 6.0 . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 2 . . . . ft.
Gravel . . . . . 17 . . . . ft.
In Bedrock . . . . . ft.
Total Drilled . . . . . 19 . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . . March . 6 . . . . 19 81
Finished . . . . . March . 6 . . . . 19 81

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-19	17								Washed gravel and boulders

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE II 9

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . in.
Shoe ID . . . . . 6.0 . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 2 . . . ft.
Gravel . . . . . 18 . . . ft.
In Bedrock . . . . . ft.
Total Drilled . . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March . 6 1981
Finished . . . . March . 6 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2.	2								Muck.
		2-20	18								Washed gravel.
											lots of water.

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #5

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . in.
Shoe ID . . . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 0-3 . . . ft.
Gravel . . . . . 57 . . . ft.
In Bedrock . . . . . ft.
Total Drilled . . . . . 60 . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . March 6 1981
Finished . . . March 6 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-3	3								Muck.
		3-60	57								Gravel and coarse sand.
				Note							
					Bedrock is actually at 20 feet.						
					The section 20-60 which is						
					coarse and sandy is actually						
					bedrock.						

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #6

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . in.
Shoe ID . . . . . 6.0 . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 2 . . . . . ft.
Gravel . . . . . 17 . . . . . ft.
In Bedrock . . . . . ft.
Total Drilled . . . . . 19 . . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March 1 . . . . . 198 1
Finished . . . . March 1 . . . . . 198 1

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-19	17								Gravel. Bedrock
											at 17.0

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #7

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: SEYMOUR. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . . in.
Shoe ID . . . . . 6.0 . . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 3 . . . . ft.
Gravel . . . . . 24 . . . . ft.
In Bedrock . . . . . 2 . . . . ft.
Total Drilled . . . . . 29 . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March . . 7 1981
Finished . . . . . March . . . 7 . . . 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-3	3								Muck.
		3-27	24								Water washed gravel.
											Lots of water.
		27-29	2								Bedrock.

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #8

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . . in.
Shoe ID . . . . . 6.0 . . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 2 . . . . ft.
Gravel . . . . . 17 . . . . ft.
In Bedrock . . . . . 2 . . . . ft.
Total Drilled . . . . . 21 . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March . . 8 1981
Finished . . . March . . 8 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-19	17								Water washed gravel.
		19-21	2								Bedrock

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #9

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: SEYMOUR CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . in.
Shoe ID . . . . . 6.0 . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 0-2 . . ft.
Gravel . . . . . 15 . . ft.
In Bedrock . . . . . 2 . . ft.
Total Drilled . . . . . 19 . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March . . 8 1981
Finished . . . . March . . 8 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-17	15								Gravel. Muck
											water.
		17-19	2								Bedrock.

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE ______ HOLE #10

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . 6.5 . . . in.
Shoe ID . . . . 6.0 . . . in.
Inside Area . . . . sq. ft.

DEPTH
Muck . . . . 0-3 . . . ft.
Gravel . . . . 33 . . . ft.
In Bedrock . . . . 5 . . . ft.
Total Drilled . . . . 41 . . . ft.

FACTORS
Casing . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . .
Coordinates: E . . . .
N . . . .

GOLD
Wt. Actual . . . . mg.
Wt. Corrected . . . . mg.
Fineness . . . .
Raw Au Value . . . . ¢/mg.
(for $ U.S. ______ /fine oz.T)

DATE: Started . . . March . . 8 . . . 1981
Finished . . . March . . 8 . . . 1981

TIME LOG
Moving . . . . hrs.
Drilling . . . . hrs.
Pulling . . . . hrs.
Delays . . . . hrs.
Total . . . . hrs.

CALCULATED VALUE
Mining Sect. ______ ft. to ______ ft.
Mining Sect. ______ ¢/c.y. = ______ mgs./c.y.
Calc. Mining Depth . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . ¢/c.y.
Au Aver. Value . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-3	3								Muck.
		3-36	33								Water washed gravel.
		36-41	5								Bedrock
											Machine down
											due to Casing
											hammer seals

Client Name and Address:

Driller ______ Project Super. [signature] Calc. By ______

Helpers ______ Approved ______

Helpers ______

LINE _____ HOLE #11

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD ..... 6.5 ... in.
Shoe ID ..... 6.0 ... in.
Inside Area ..... sq. ft.

DEPTH
Muck ..... 2 ... ft.
Gravel ..... 87 ... ft.
In Bedrock ..... 3 ... ft.
Total Drilled ..... 92 ... ft.

FACTORS
Casing .....

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: .....
Coordinates: E .....
N .....

GOLD
Wt. Actual ..... mg.
Wt. Corrected ..... mg.
Fineness .....
Raw Au Value ..... ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started ... March 13 ... 1981
Finished ... March 13 ... 1981

TIME LOG
Moving ..... hrs.
Drilling ..... hrs.
Pulling ..... hrs.
Delays ..... hrs.
Total ..... hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth ..... ft.
Au Wt. Aver. ..... mg./c.y.
Au Aver. Value ..... ¢/c.y.
Au Aver. Value ..... ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-89	87								Gravel. Lots of
		89-92	3								water & boulders
											Bedrock

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #12

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: SEYMOUR. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . . in.
Shoe ID . . . . . 6.0 . . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 2 . . . . ft.
Gravel . . . . . 83 . . . . ft.
In Bedrock . . . . . 4 . . . . ft.
Total Drilled . . . . . 89 . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March . . 13 . . 1981
Finished . . . March . . 13 . . 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-85	83								Gravel and boulders
											Lots of water.
		85-89	4								Bedrock.

Client Name and Address:

Driller_____ Project Super._____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE _____ HOLE #13

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . . . in.
Shoe ID . . . . . 6.0 . . . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . ft.
Gravel . . . . . 0-19 . . . . . ft.
In Bedrock . . . . . 1 . . . . . ft.
Total Drilled . . . . . 20 . . . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March 14 . . . 19 81
Finished . . . . March 14 . . . 19 81

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-19	19								Gravel. Lots of
											water.
		19-20	1								Bedrock.

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE ______ HOLE #14

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD .... 6.5 .... in.
Shoe ID .... 6.0 .... in.
Inside Area .... sq. ft.

DEPTH
Muck .... 2 ...... ft.
Gravel .... 89 ...... ft.
In Bedrock .... 3 ...... ft.
Total Drilled .... 94 ...... ft.

FACTORS
Casing ....

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = < 1 mg

HOLE DATA
Elevation: ....
Coordinates: E ....
N ....

GOLD
Wt. Actual .... mg.
Wt. Corrected .... mg.
Fineness ....
Raw Au Value .... ¢/mg.
(for $ U.S.__________/fine oz.T)

DATE: Started .. March .. 14 ... 1981
Finished ... March .. 14 ... 1981

TIME LOG
Moving .... hrs.
Drilling .... hrs.
Pulling .... hrs.
Delays .... hrs.
Total .... hrs.

CALCULATED VALUE
Mining Sect. ______ ft. to ______ ft.
Mining Sect. ______ ¢/c.y. = ______ mgs./c.y.
Calc. Mining Depth .... ft.
Au Wt. Aver. .... mg./c.y.
Au Aver. Value .... ¢/c.y.
Au Aver. Value .... ¢/sq. ft.

Time		Depth Drilled Ft.	Drive Ft.	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.			Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-91	89								Gravel and boulder.
											Lots of Water.
		91-94	3								Bedrock

Client Name and Address:

Driller__________ Project Super. J.B. [signature] Calc. By__________

Helpers__________ Approved__________

Helpers__________

LINE _____ HOLE #15

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: Seymour. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD . . . . . 6.5 . . . . . in.
Shoe ID . . . . . 6.0 . . . . . in.
Inside Area . . . . . sq. ft.

DEPTH
Muck . . . . . 2 . . . ft.
Gravel . . . . . 19 . . . ft.
In Bedrock . . . . . 7 . . . ft.
Total Drilled . . . . . 28 . . . ft.

FACTORS
Casing . . . . . .

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation: . . . . . .
Coordinates: E . . . . . .
N . . . . . .

GOLD
Wt. Actual . . . . . mg.
Wt. Corrected . . . . . mg.
Fineness . . . . . .
Raw Au Value . . . . . ¢/mg.
(for $ U.S._____/fine oz.T)

DATE: Started . . . March. 15 . . . 1981
Finished . . . . March. 15 . . 1981

TIME LOG
Moving . . . . . hrs.
Drilling . . . . . hrs.
Pulling . . . . . hrs.
Delays . . . . . hrs.
Total . . . . . hrs.

CALCULATED VALUE
Mining Sect. _____ ft. to _____ ft.
Mining Sect. _____ ¢/c.y. = _____ mgs./c.y.
Calc. Mining Depth . . . . . ft.
Au Wt. Aver. . . . . mg./c.y.
Au Aver. Value . . . . . ¢/c.y.
Au Aver. Value . . . . . ¢/sq. ft.

Time		Depth Drilled	Drive	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.	Ft.	Ft.	Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck.
		2-21	19								Gravel and boulder.
											Ash?
		21-28	7								Bedrock.

Client Name and Address:

Driller_____ Project Super. _____ Calc. By_____

Helpers_____ Approved_____

Helpers_____

LINE ________ HOLE #16

ARCTIC ENGINEERING SERVICES LTD.

PROJECT: SEYMOUR. CLAIM: Sheet of Sheets

DRILL DATA
Shoe OD 6.5 in.
Shoe ID 6.0 in.
Inside Area sq. ft.

DEPTH
Muck 2 ft.
Gravel 19 ft.
In Bedrock 8 ft.
Total Drilled 29 ft.

FACTORS
Casing

COLORS AVG. WT.
No. 1 = > 5 mg
2 = 1-5 mg
3 = <1 mg

HOLE DATA
Elevation:
Coordinates: E
N

GOLD
Wt. Actual mg.
Wt. Corrected mg.
Fineness
Raw Au Value ¢/mg.
(for $ U.S. ________ /fine oz.T)

DATE: Started March 15 1981
Finished March 15 1981

TIME LOG
Moving hrs.
Drilling hrs.
Pulling hrs.
Delays hrs.
Total hrs.

CALCULATED VALUE
Mining Sect. ________ ft. to ________ ft.
Mining Sect. ______ ¢/c.y. = ______ mgs./c.y.
Calc. Mining Depth ft.
Au Wt. Aver. mg./c.y.
Au Aver. Value ¢/c.y.
Au Aver. Value ¢/sq. ft.

Time		Depth Drilled Ft.	Drive Ft.	Core Vol. Cu. Ft.		Colors			Wt. Au-mg		Formation
Hr.	Min.			Meas.	Theor.	1	2	3	Actual	Corr.	Remarks
		0-2	2								Muck
		2-21	19								Gravel and boulders.
		21-29	8								Bedrock.

Client Name and Address:

Driller ________ Project Super. [signature] Calc. By ________

Helpers ________ Approved ________

Helpers ________