

**CHARLES G. IREYS**, P.O. Box 431, Northway, Alaska, 99764

Tel / Fax: 1 907-778-2262 Cell: 1 (907) 322-3132 cgireys@aol.com

6 March, 1998

1997/1998 Drill program Moosehorn Range for Charles Ireys

Claim Block: Reef-A 1-12  
BME-A 1-10  
BME-B 1-6

Location: Moosehorn Range

Claim Map Sheet: 115N-2

September 2nd and 3<sup>rd</sup> 1997 two holes were drilled on the above Claim Block in the Moosehorn Range.

A Rotary Drill w/DTH (straight circulation) percussion hammer was used with a 4.5 in. Carbide Bit. The drill is mounted on a Ardco Tundra Buggy with self contained air.

Recovery is accomplished using a blewey tube to a cyclone to bag the cuttings.

Cuttings of the frozen muck overburden were discarded. Cuttings of the host rock and intrusions were visually classified and bagged straight out of the cyclone. All Cuttings were transported to our camp where we have a small "clean up" facility.

The primary purpose of this program is to:

- 1) Confirm that the quartz veins on the east side of the mountain dip east 30-40 degrees as they do on the West side.
- 2) Determine how much alluvial overburden (frozen much and debris) lie on top of the Granite Cap which hosts the quartz intrusions.
- 3) To know how much if any of the surface of the Granite is in a decomposed state.

The above will provide enough information so we can know the viability of extracting high grade ore by surface mining. Keeping in mind that the mineralized veins on that side of the mountain have shown extremely high assays in Au.

We plan to drill approximately 40 holes to a depth of not more than 45 feet by the same above method primarily on the Reef-A claims.

## **QUALIFICATIONS:**

Driller: Spencer Ireys, P.O. Box 431, Northway, Alaska 99764

Spencer Ireys has operated this drill rig for one year starting as a helper and has drilled about 50 holes as the driller.

Helper: Edward Demitt, P.O. Box 426, Northway, Alaska 99764

Project Manager and Owner: Charles Ireys, P.O. Box 431, Northway Alaska, 99764  
Tel: (867) 667-7999 and Tel/Fax: (907) 778-2262

I have worked 7 years on the Moosehorn Range commencing May of 1991 when I set up a small High Grade Gold mining and milling operation. I mined and milled on the west side of the mountain on the Reef claims owned by Ian Warrick of Moosehorn Exploration. This experience has offered me an insight of the structure of the local geology.

I have pulverized and had panned numerous samples from many part of the mountain over the last years and I have sent out to Assay Labs hundreds samples to assay for gold. I have a fairly good feel for the values of free gold from hand crushed and panned samples of the local quartz veins. I cannot myself determine values that are bound by sulfides or lock other wise.

## **AVAILABILITY OF CUTTINGS**


All cuttings from these two drill holes are stored a my facilities in Alaska and can be made available upon request.

## **STATEMENT OF COSTS**

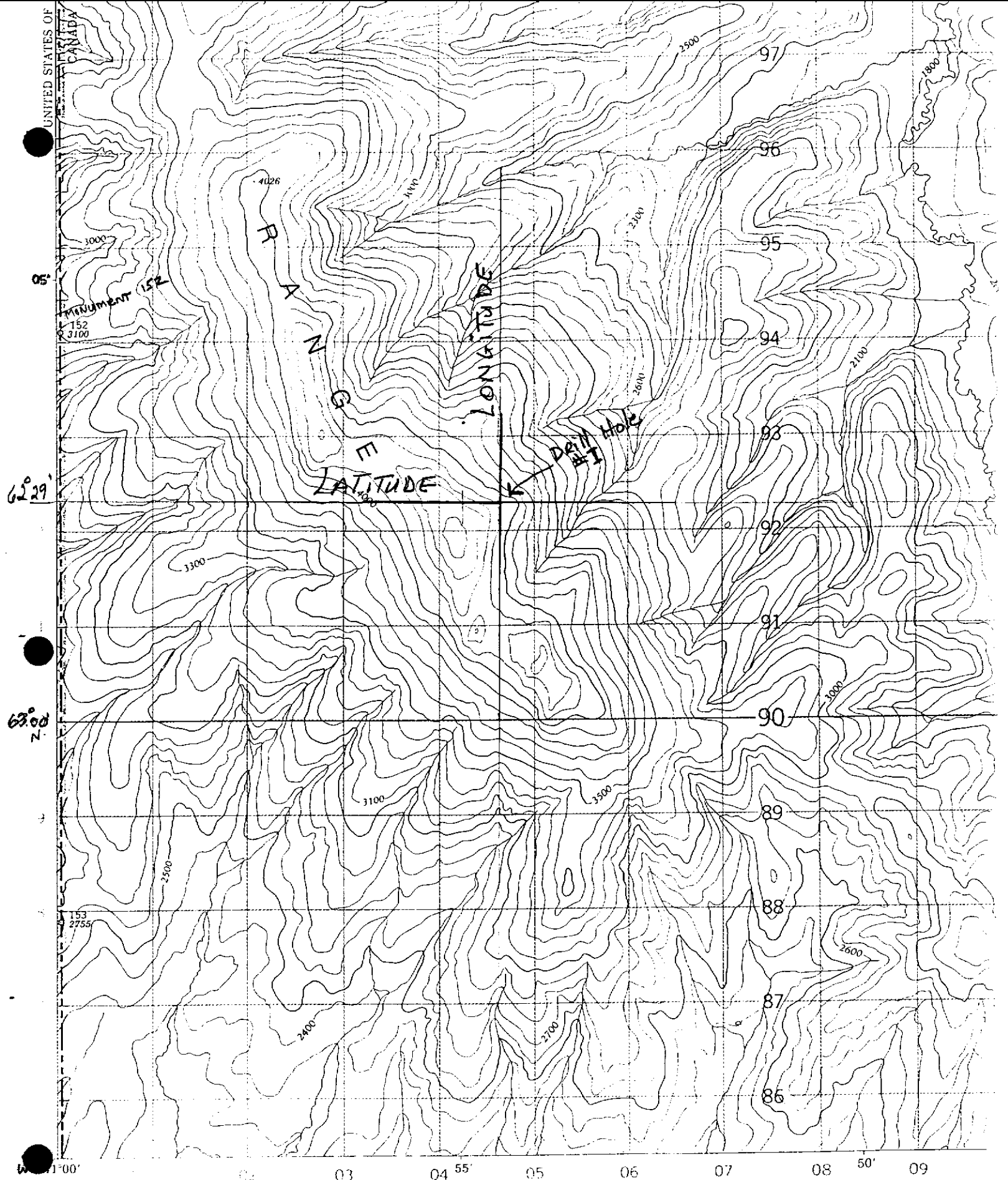
As the drill is self owned and mobilization was not difficult due to location I have submitted a flat rate cost of \$65.00 per foot. 74 feet were drilled for a total of: \$4810.00

Please find following:

- 1) Drill Logs which include assay values.
- 2) Maps indicating location of the drill holes.



Charles G. Ireys



Produced, 1968, by the SURVEYS AND MAPPING BRANCH,  
DEPARTMENT OF ENERGY, MINES AND RESOURCES,  
from aerial photographs taken in 1960 and 1965 field surveys  
1965 Printed 1970.

LONGITUDE  
W 140° 43'

SCALE  
1 INCH = 8000 FEET

# MAP 115N-2

SCALE 3100 TO 1 INCH

A



N

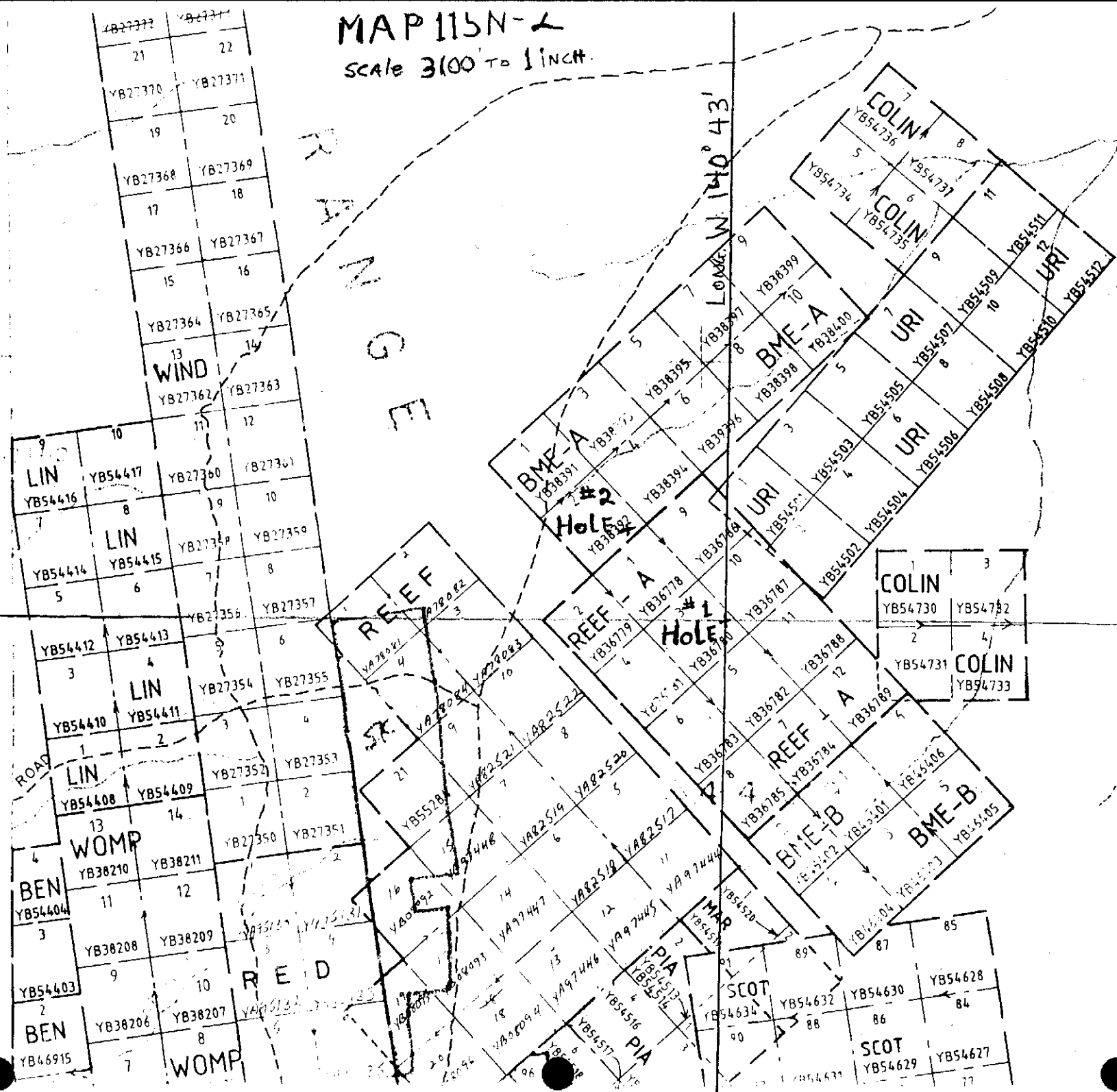
At 63°29'

R  
A  
N  
G  
E

LONG W 140° 43'



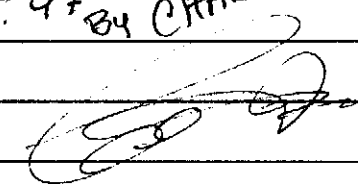
N



Hole # 1

## QUARTZ PLACER DRILL LOG

DATE: 2 Sept 1997 TIME: 10:00 AM <sup>START</sup> DRILLER: SPENCER IREYS HELPER: EDWARD DEMITTYPE OF DRILL: Rotary Percussion INSIDE DIAMETER OF DRILL: 4 1/2 IN.LOCATION: MOOSEHORN RANGE REEF-A-3 LEASE OR GRANT NUMBERS: \_\_\_\_\_

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
#1 (reefA-3)	42'	0-4 FT FROZEN Mud	DISCARDED
		4-10' FROZEN Mud w/ OCCASSIONAL ALLUVIAL ROCK	DISCARDED
		10-15' DECOMPOSED GRANITE - SOFT	SAVED
		15-17' SOME MINERALIZED QUARTZ	EST 5" QUARTZ VEIN - PULVERIZED & PANNED - 14 SMALL FS. OF AU. EST. 0.5 OZ P. TON. <i>CH</i>
		17-24' GRAY GRANITE w/ SOME RED OXIDIZED LENS SOFT DRILLING INDICATES DECOMPOSITION	SAVED
		24-32' Red Color Granite NO QUARTZ.	SAVED
		32-35' Granite-GRAY, with lots of QUARTZ SUSPECT 12-18" QUARTZ VEIN	PULV. & PANNED - RECOVERED 35 MED. SML FS. AU EST. 302 P/TON
		35-42' GREY & RED GRANITE IN 2-3 FOOT LENS.	SAVED.
			SEPT. 97 BY CHARLES IREYS
			

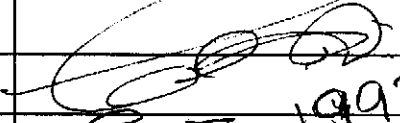
DATE:

SIGNED (Driller or Representative)



PLACER DRILL LOG

DATE: Sept 3 '97 TIME: 10:45A DRILLER: SPENCER TREYS HELPER: EDWARD DEMIT  
 TYPE OF DRILL: Rotary Percussion (D.T.H.) INSIDE DIAMETER OF DRILL: 4 1/2 INCH  
 LOCATION: Moosehorn Range BME-A-2 LEASE OR GRANT NUMBERS: \_\_\_\_\_

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
#2 BME-A-2	32 FEET	0'-7' FROZEN MUCK	DISCARDED
		7'-11' FROZEN Mud w/loose Rock	DISCARDED
		11'-17' GREY GRANITE SOFT	SAVED
		17'-28' RED OXIDIZED GRANITE HARD.	SAVED
		28'-29' Granite w/ SOME QUARTZ	PULVERIZED AND PANS SOME GALONA NO VIS. GOLD.
		29'-32' RED Granite HARD	SAVED
			Pulverized Panned and Inspected BY CHARLES TREYS.
			 SEPT. 1997

DATE:

SIGNED (Driller or Representative)

**QUARTZ PLACER DRILL LOG**

DATE: 3 Sept '97 TIME: 10:45A DRILLER: SPENCER TREYS HELPER: EDWARD DENIT  
 TYPE OF DRILL: Rotary Percussion INSIDE DIAMETER OF DRILL: 4 1/2 INCH  
 LOCATION: Moosehorn Range BME-A CLAIMS LEASE OR GRANT NUMBERS: YB 38392

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
# 2 (BME-A)	32 FEET	0'-7' FROZEN MUD	
		7'-11' FROZEN MUD w/ ROCK INTERSPERSED	
		11'-17' GREY GRANITE PUTTINGS	
		17'-28' RED OXIDIZED COLORED GRANITE.	
		28'-29' GRANITE w/ SOME SHOWING OF QUARTZ	PULVERIZED & PANED NO GOLD SHOWING.
		29'-32' RED GRANITE PUTTINGS.	
		Pulled out AT 2:30 PM	
		MOVED	
			32 FT = \$2080

DATE: 11 Sept 97 SIGNED (Driller or Representative) Spencer Treys