PLACER EVALUATION REPORT

LEASE NO: 7643 & 7644

ALBERTA CREEK AREA - 115-O-1/j-16p

120101

B. LUECK/ T. PEEVER

This report has been examined by the Geological Evaluation Unit under Section 41 Yukon Placer Mining Act and is recommended as allowable representation work in the amount of $ 4000.00.

for Chief Geologist, Exploration and Geological Services Division, Northern Affairs Program, Commissioner of Yukon Territory.

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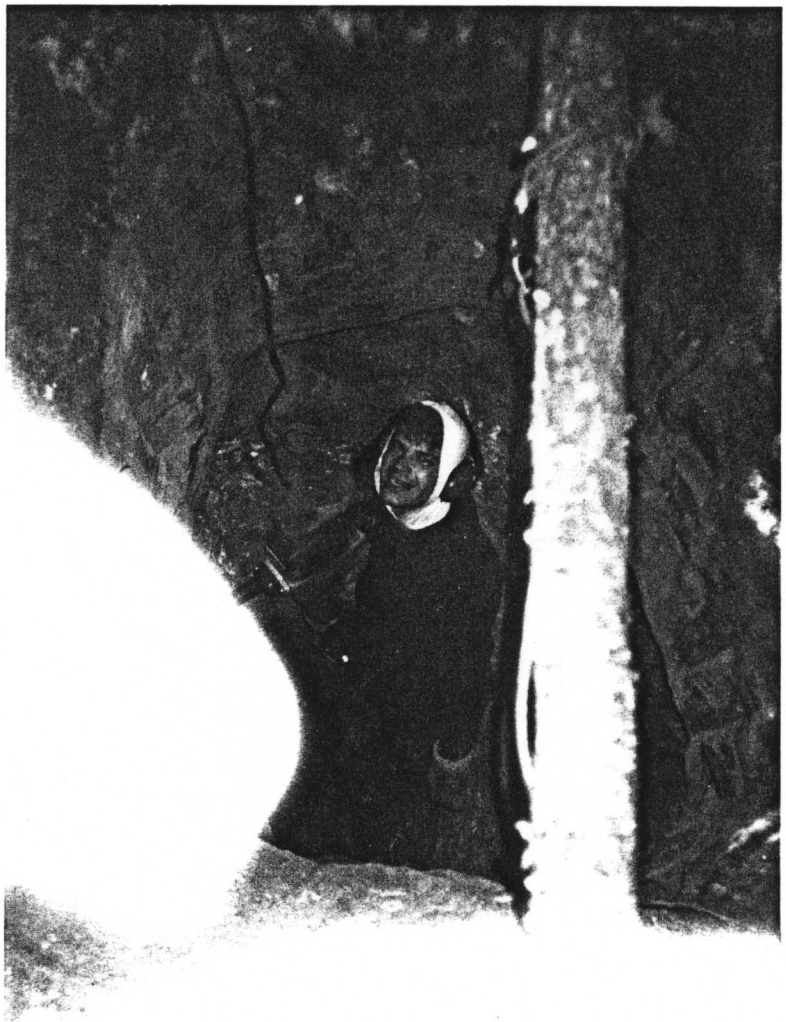

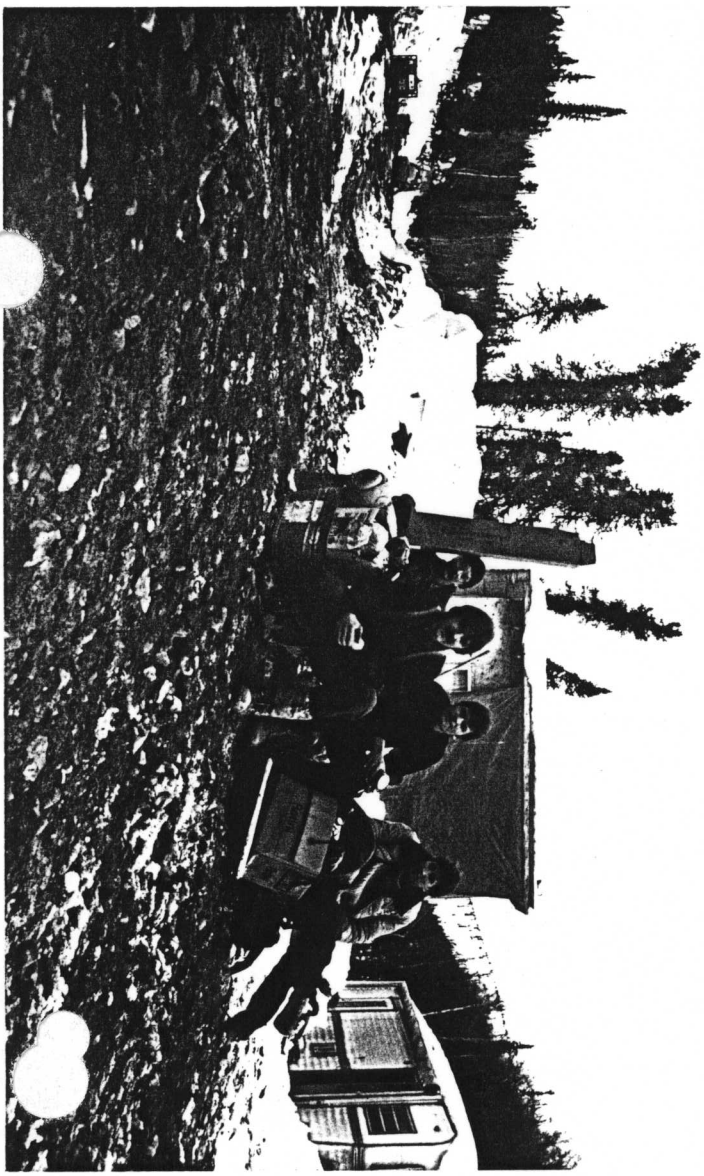

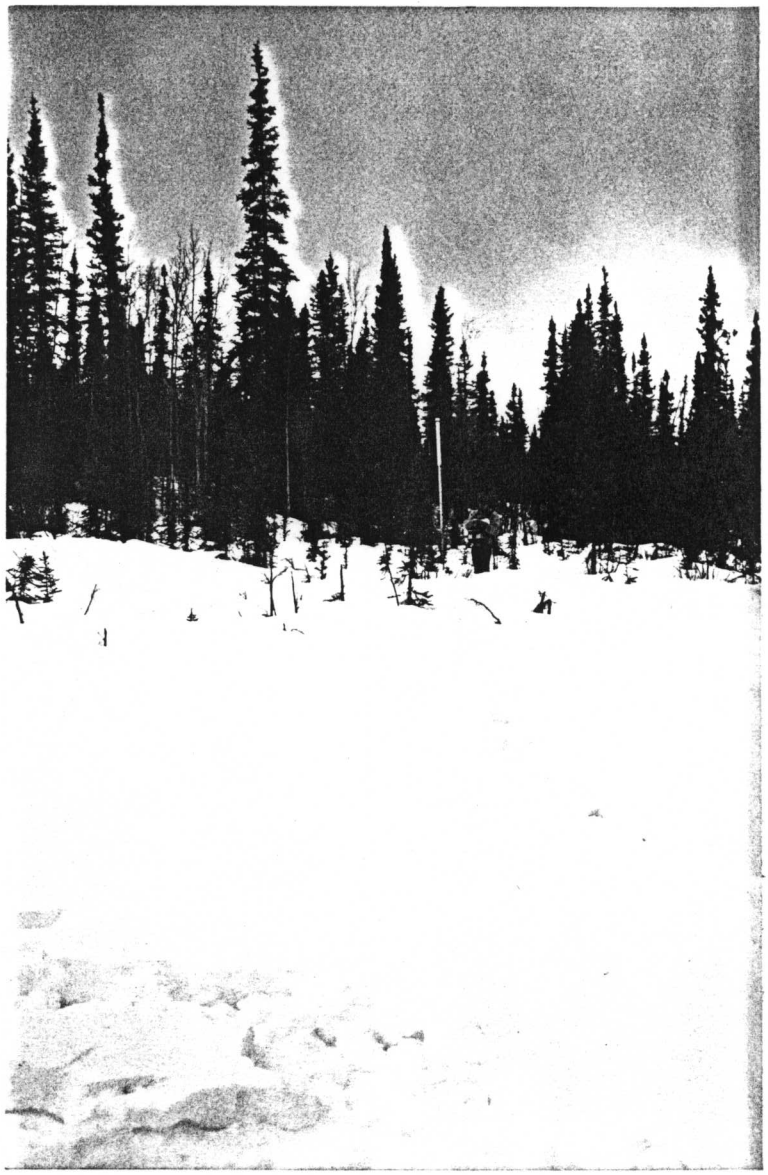

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Placer Evaluation Report on Leases 7643 and 7644 on Alberta Creek

Introduction

Placer shafting was initiated on a southerly tributary of Alberta Creek (Lease 7643) in the late winter of 1988. The purpose of shafting was to determine the gravel stratigraphy, depth to bedrock and recoverable gold content of the excavated gravels. Shafting equipment and camp supplies were driven from Whitehorse to Mariposa Creek in 2 4x4 trucks. An attempt was made to reach the shafting location using a double track skidoo but the snow conditions and steep slope proved impassable. A helicopter was luckily available to carry the gear and passengers to the shafting sight. A camp was set up on a previously dug cat trench and clearing, which was bulldozed in the late winter of 1987.

Once basecamp was established, a detailed magnetometer survey was conducted over the immediate area at the confluence of two arms of Alberta Creek.

Work Program

Lines were flagged and chained at 30 foot (13 m) intervals with line spacings of the same distance. The magnetometer survey was conducted using the Omni Plus proton magnetometer with combined total field and gradiometer measurements. Tie line magnetometer methods were used to correct the magnetic data on site using the built in computer. Grid plots were then made and contoured on site and the shafting locations were based on the interpretation of this data.

Two separate low intensity magnetic anomalies occur within the area of the survey. One is interpreted to be the extension of the Four Mile Pup channel (see sketch), and the other is interpreted to be a placer concentrate which has washed down from a low lying bench to the west of the valley.

It was decided to sink two separate shafts on the two anomalies to test for placer gold and/or platinum in the creek gravels, particularily on bedrock. Shaft sinking was accomplished with a Bosch " Brute " electric concrete breaker which was run by a 5 kv Honda generator. This equipment served to break up the frozen gravel which was excavated using a shovel and bucket.

Progress rates varied using this method. It was found that very fast rates of advance were possible in frozen silt and muck when a wide spade bit was used, but rates slowed in frozen gravel where smaller chisel bits and frost wedges were required to break the frozen gravel. Very slow progress occured where moderately well sorted pebble gravels were encountered. All in all, it was felt that shafting rates were comparable to hand and steam operations, and with a little experience using the electric method, rates of progress could increase dramatically.

A twenty foot shaft was dug on a magnetic high which was interpreted to be the Four Mile Pup channel. The shaft stratigraphy is shown in the following diagram:

Results

Panning

Very small to moderately coarse (flake size) colours were encountered during panning of the gravel layers. More gold was found in the upper gravels than in the lower gravels, however bedrock was not reached and a true evaluation of the property was not accomplished. It appears that the upper poorly sorted gravel overlies the original creek gravels as a later fan deposit or slump deposit which came off of a low bench to the northwest. The upper moderately well sorted creek gravels were almost completely barren of gold. All pan concentrates of the gravels contained abundant magnetite, olivine, pyroxene, garnet and kyanite.

The second shaft was begun on the magnetic anomaly which was interpreted to be a placer concentrate coming off of a low bench to the southwest. This shaft was sunk in the creek bottom and consequently flooded during shafting operations. Approximately 8 to 10 feet of material was excavated from this shaft. The shaft stratigraphy consisted of 4 feet of muck and silt overlying 4 to 6 feet of well washed gravel which extends to an unknown depth. From 0 to 2 colours were seen in the pans of material from this shaft.

Magnetometer Surveys

A discussion of the magnetometer survey results has already been presented and the grid results and sketches are as follows:

LEASE NO: 7643

REGISTERED HOLDER - BRIAN LUECK

10 June 1988

LEASE NO: 7644

REGISTERED HOLDER - KIM RODGERS P/A BRIAN LUECK

19 June 1988

WORK WAS PERFORMED BY AND FOR LUECK, PEEVER PARTNERSHIP

STATEMENT OF QUALIFICATIONS

I, BRIAN A. LUECK, of the City of Whitehorse, in the Yukon Territory, hereby certify:

1. That I am a consulting geologist and I supervised and was present on the property during all phases of exploration work done in 1988.

2. That I am a graduate in Honours Geology of the University of British Columbia (1985).

3. That I have been engaged in mineral exploration or have been employed as a geologist in the Yukon and British Columbia for a period of 5 years.

4. That I believe the contents of this report to be true and that I have supervised the collection of samples and believe them to be accurate representations of the mineralization which is present.

5. That I have attended Carleton University in a Masters geology program and that I have successfully completed one year of graduate studies.

DATED this 15th day of Sept., 1988.

Brian A. Lueck, B.Sc.

GOLDEN EAGLE EXPLORATION

INVOICE TO: Lueck, Peever Placer Partnership

Lease No: 7643

7 May 1988 - 11 May 1988 2 men- 5 days @ $200.00 =$2000.00

Generator & Jack-Hammer Rental - 5 days @ $ 50.00 = 250.00

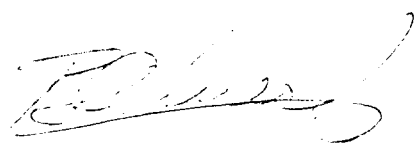
$2250.00

Lease No: 7644

Mag Rental - 5 days @ $150.00 = $ 750.00

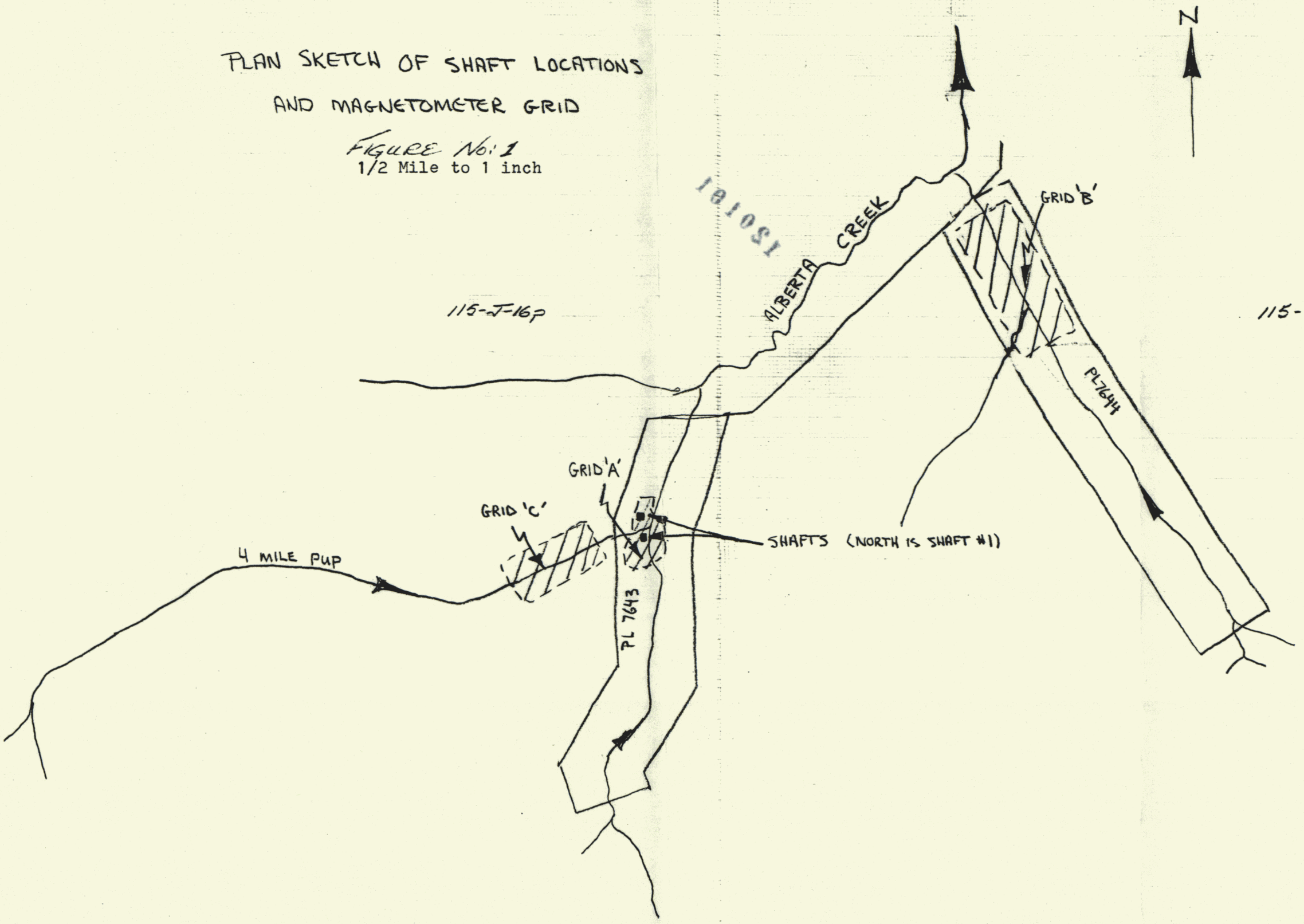
Wages - Geophysical Assistant - 4 days @ $200.00 = $2000.00

$2750.00



PLAN SKETCH OF SHAFT LOCATIONS AND MAGNETOMETER GRID

FIGURE No: 1
1/2 Mile to 1 inch



115-J-16p

115-O-1

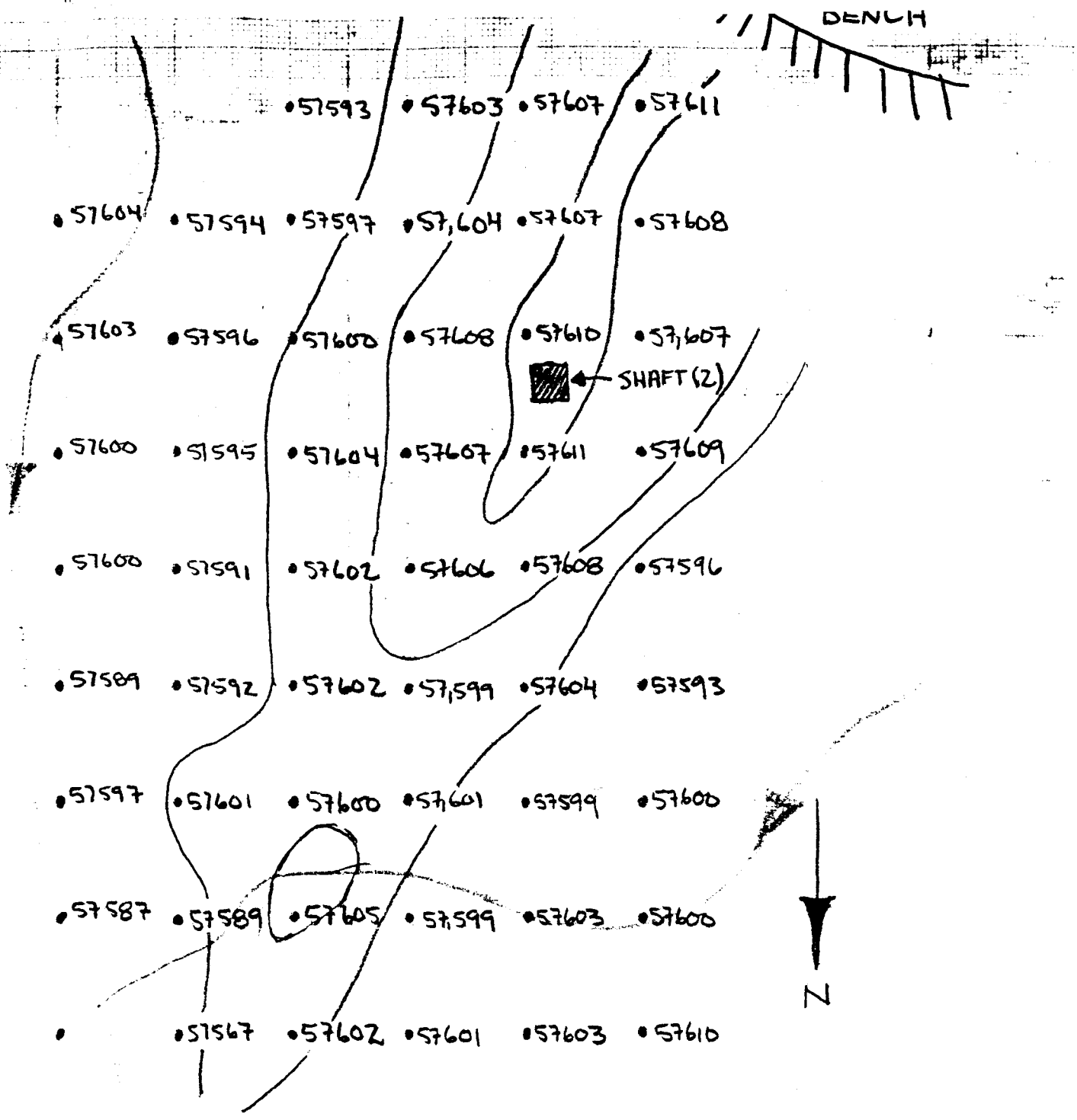


Figure NO: 1a
Contour Map-Magnetometer Grid 'A'
PL No: 7643 - 115-J-16 p 1:1250

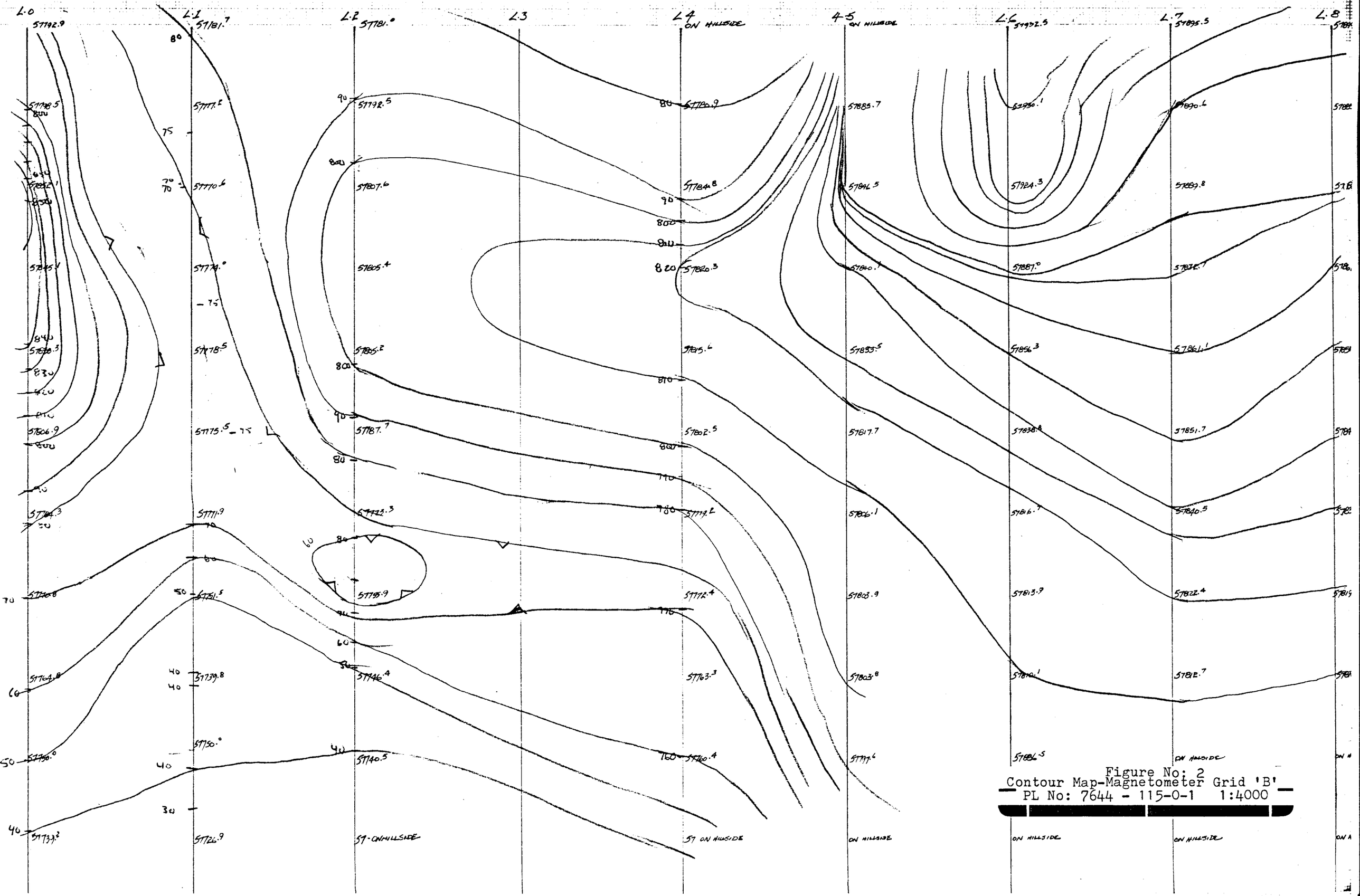


Figure No: 2
Contour Map-Magnetometer Grid 'B'
PL No: 7644 - 115-0-1 1:4000

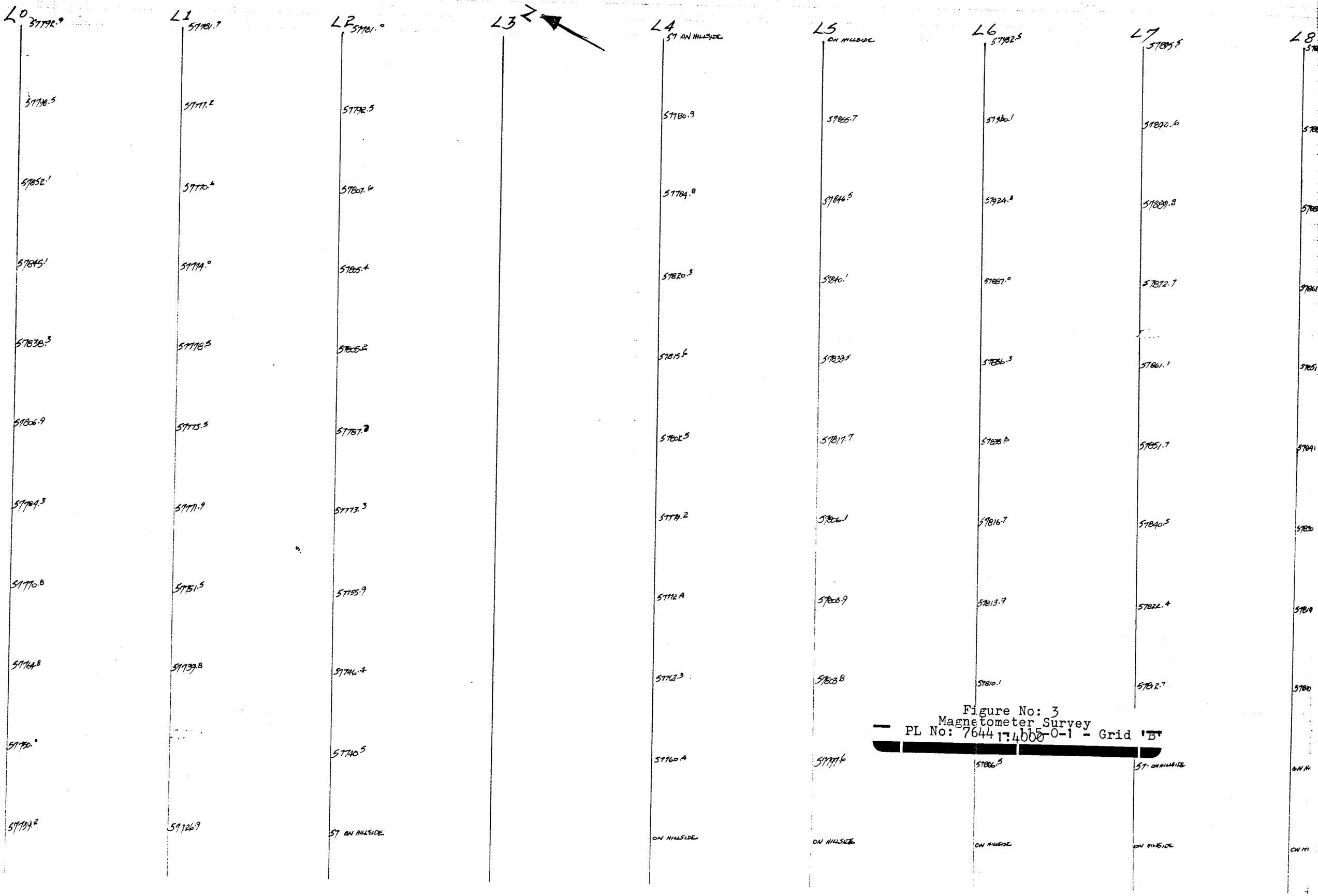
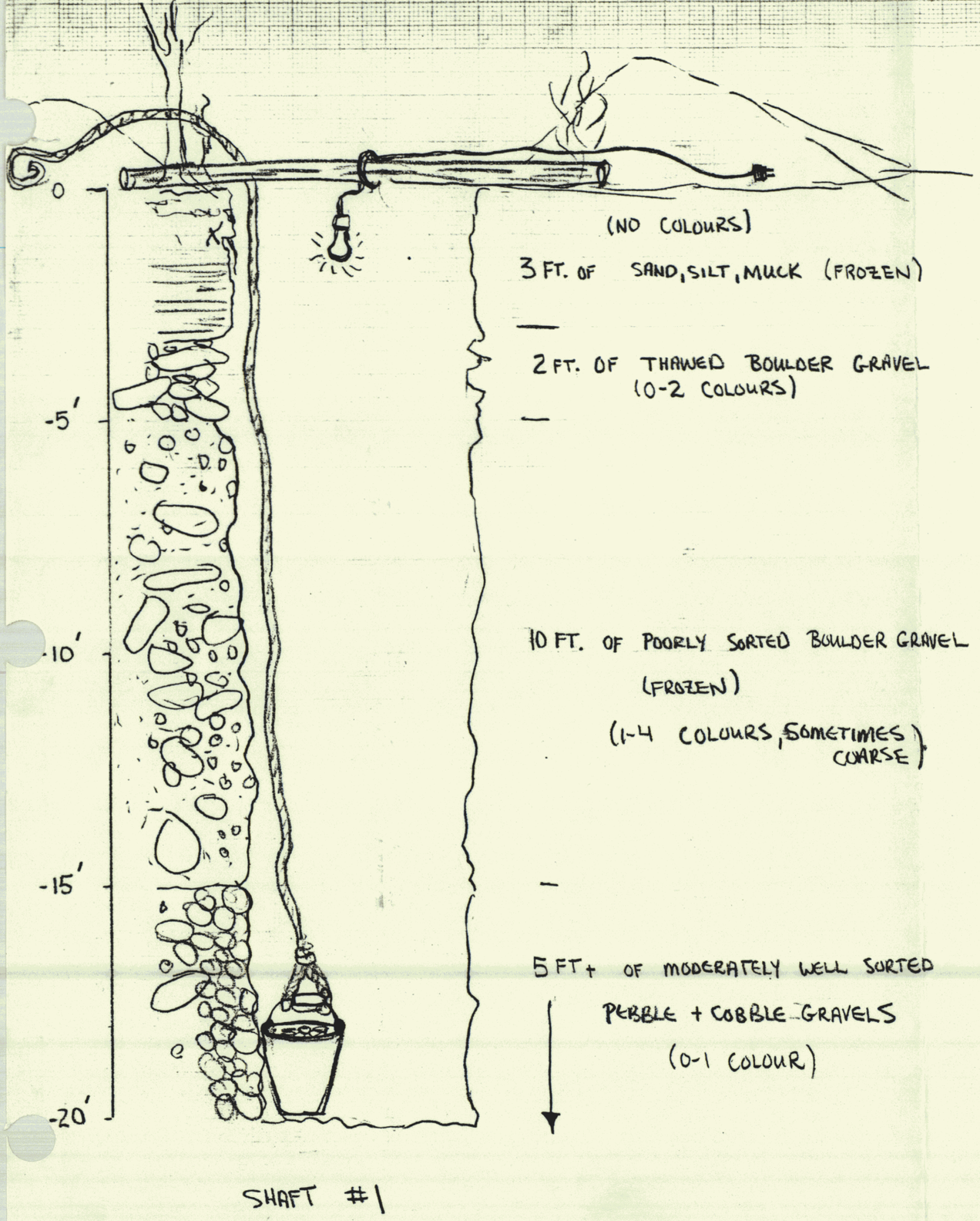


Figure No: 3
Magnetometer Survey
PL No: 7644 1:4000 bb-0-1 - Grid 'B'



(NO COLOURS)

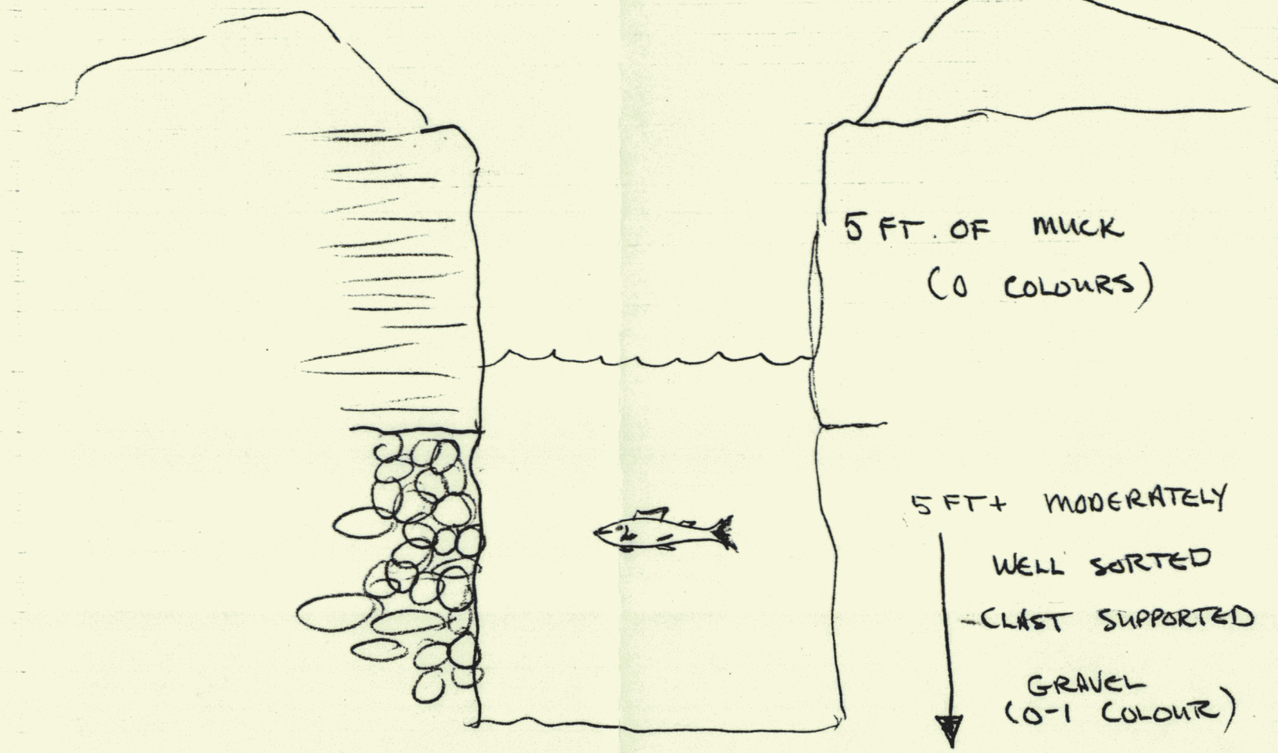
3 FT. OF SAND, SILT, MUCK (FROZEN)

2 FT. OF THAWED BOULDER GRAVEL
(0-2 COLOURS)

10 FT. OF POORLY SORTED BOULDER GRAVEL
(FROZEN)
(1-4 COLOURS, SOMETIMES COARSE)

5 FT+ OF MODERATELY WELL SORTED
PEBBLE + COBBLE GRAVELS
(0-1 COLOUR)

SHAFT #1



5 FT. OF MUCK
(0 COLOURS)

5 FT+ MODERATELY
WELL SORTED
-CLAST SUPPORTED
GRAVEL
(0-1 COLOUR)

SHAFT #2

Figure No: 4
Shaft No: 1 - 2 PL No: 7643
115-J-16p