1969 FIELD DAIRY.

"Keuffel & Esser Co."

WATERPROOF

Cruisers Transit Book

No. 340

J. C.

J. D. TRACTOR

APRIL

4	— only one hour.
14	
15	
16	
17	
19	
20	
27	
28	

0 – 32.5'

Chl. Seri Schist

Met. equ. of volcanics

Slightly foliated and volcs relic still present in places as small bands due to meta. differentiation and measure 2"–3".

~~float~~

32.5' – 92.5' ~~107.8~~ — contact gradational in microscopic size.

VOLCANICS

Green in color, fine grained Olivine rich and probably fall into Andesite composition.

32.5 – 33.4' — Recrystallized calcite associated with olivine. Calcite (Re xsed) fills fractures and vugs in volcanics.

matrix, fine grained, rich in olivine and chlorite in some places. ~~acidic to silica~~ and basic in composition.

Finely disseminated Pyrite & Po occurs throughout.

Black Iron oxides present in some places.

65' – Limonite & other Iron oxides along joint.

74.5' - Rock rich in chlorite, fine grained calcite and a minor amount of chlorite. Pyrite, Po, & Galena occur as a small amount disseminated in volcanic. Pyrite occurs as coarsely xne in places.

79' - Limonite stained readily along joint.

80.8' - chloritization along a fracture.

92.5' - 139.5'

93' - Altered to Green Schist and consists of essentially chlorite.

FOLIATION: - Not distinct, but where observed dips 84°.

Pervasivity & metam. increasing with depth.

98.4' - Drag folded and displacement common in folds

122.2' - 122.8' - limestone (recrystallized calcite band)

127.3 - ~~Small x'l of chalco Py~~ Coarsely xne chalco pyrite associated with pyrrhotite

Calcite occurs at several places and in small bands ranging from a fraction of an inch to 2" and in some places Qtz is associated with it.

Rich in chlorite and in places pure chlorite schist

FOLIATION: - 82°.

136.5' - Foln - 68°.

Rich in silica and differentiated into small bands by metamorphism. ~~In some places massive~~

139.5' - 147.5'

Partly altered rocks.

Partly altered to chl. sericite schist in places due to metam. fine grained, massive, volcanics still persist in places.

147.5' - 361.5'

147.5' - 153.5' - Rich in silica and ~~Ass~~ massive in places where

Greenish-black - Grey in color and faintly foliated.

364.5 - coarse fo and small specs of Ch. Py.

Lamination produced by met. in places ‖ to foliation.

393 - Drag folded silica bands.

401.5 - 441.5 —

Same as above

441.5 -

Increase in carbon (Grap)

well foliated - 72°.

Laminated places ‖ to fol.

~~Black~~ ~~Dark~~ to Dark Grey in color.

Drag folded at several places.

487.9 - 488.4 - Very rich in

carbon and abundant pyrrho pyrite occur coarsely xne.

489 - 489.5 - pure carbon.

~~5~~ 531.5

Chl. Gr. Semi schist

571.5

Gra. chl. Semi schist

fol — 71°.

Black - Dark Grey.

571.5 - 582 - Rich in Graphite.

Differentiated bands of silica.

585 - Drag folded.

586 - 628

Gr. chl. se schi cont.

fol — 82°.

Drag folded at several places. Qtz bands

628 - 638

Gr. chl. Schi
Very rich in Ag. Silica and
imparts massiveness in places
to core.
Differentiated bands &
Silica.

531.5 — 638

No Sulphides of any
kind at all.

52 EMPTIES.
12 EARLIER DRUMS.

GAS

FULL — 8.
$\frac{1}{2}$ DRUMS — 2

DIESEL

FULL — 6.
$\frac{1}{2}$ FULL DRUMS — 2
$\frac{1}{4}$ " " — 1
$\frac{3}{4}$ " " — 1

Dist. between holes - 283'
Total footage drilled
- ≈ 70,000'

ANVIL

4441	-	CJV	315	PARSONS (?)
"	—	"	314	"
"	—	"	695	ATLAS.
"	—	"	554	ADANAC
"	—	"	611	Cdn. Mine Services Ltd.
TNT Ltd.			329.	
Mt. Nansen Mines Ltd.			808	

July 10
[redacted], 1969

Arrived in finger lake camp at 11.30 P.M. slept in Japanese style with the other crew in that small tent.

July 11
[redacted], 1969.

Chopper arrived at 7.30 A.M. Flew to Mor claims group and sent the chopper back to Swim Lake for slinging. It was raining like cats & dogs and quite a walk through wet bush. found the drill location is 25 mts. Started chopping trees to make clearance for Jet Ranger to land. Took the last breadth to finish it.

Set up the heater in the other tent and cots were fixed.

The planks were brought in from Faro to hold the machine on the platform and the drilling commenced at 3.30 P.M.

Drillers are at fault for not bringing the planks with them with other equipment. One day, Thursday and part of Wednesday is wasted.

69-5-1. 1525 29S.

0-89'- O.B.

Stopped hole on 18th and moved to new location.

July 19, 1969.

Helicopter arrived at 9.15 A.M. Started slinging. Cut the clearance for Helicopter landing.

Completed moving by 7 P.M. Erected three tents.

7 A.M - 11 P.M - Continuous work for everyone.

Did not stop for lunch.

Blisters developed on my palms and bleeding. Got used to the pain with some more chopping of wood.

July 20, 1969 - sign for 12 hrs.

Walked to Lake to survey short distance for water line. Bushwhack. to cut ~~in~~ is this particular direction

Cut the trees for aerial & chopper pad. LUNCH

Hose line laying. BREAK - 1 Hr

Shift started at 7.30 AM. for everyone.

-10

MURRAY

i). Hose — 1000'.

ii). Flagstone grid should be sent to bush camp and should consist of all the details. May be through Helicopter.

iii). Food for cook.

iv). 0.B — 50'?

6 — only female hose nipples —

6 — only Male hose " "

v). Radio Battery.
12 volt. Walkaway Size A.

Can opener
Knives & Spoons } for Cook

611 TERRICON.

21 July, 1969

call to Murray at 10.30 AM.

MESSAGE

PLEASE ARRANGE TO SEND THE FOLLOWING TO MOR CAMP ON OR BEFORE WEDNESDAY.

i). ~~HOSE~~ 1000' only Hose

ii). 6 ONLY FEMALE HOSE NIPPLES

iii). 6 ONLY MALE HOSE NIPPLES.

iv) 2 only ~~BATTERIES FOR RADIO.~~
RADIO A B ~~Size~~ Batteries, ~~for~~
Radio 6 volts each.

v). one only CAN ~~OPENER~~ CUTTER. 2/2/43

vi). LEE GROUP GRID WITH DETAILS. 3/5

STANDING BY FOR REPLY. 10 1/2

J. QUINN & JOE } 8 AM — 6 P.M.
7 P.M — 8 P.M.

ERIC NESBITT JACK } 8 AM — 6 PM 11
6.30 PM — 8 P.M.

All took 1/2 hr. lunch break.

July 22, 1969

Shift started at 8.00 A.M.

Lunch break – ½ hr.

July 24, 1969:–

JET RANGER TIME – 1.2 hrs.

40 hrs. ¼

14 loads.

4 hrs. Fg. Stores.

10 hours.

560

6 hours.

7.8 hrs.
5
12.8

13 hrs.

2981

2000 / 8

2404
13
3020

220
13 hrs.
2860
3000

8800
5340
2460

2406
16
3840
1560
2340

9
7
16

$ 3000
1500
4500

MCR JOB

19 July – 64.
20 July – 56.
21 July – 48.
22 " – 48.
24 " – 8 moving.

Casing.

WAITING

23 July – 32
24 July – 4.

24 July – 15 NX
20 BX

24 July – 0 – 35 AX

$ 6.75 man hour.

$ 4.50 Drill Rental.

224 @ 6.75
7
1568
56
$ 1512

4383
8 6
3504

4500
3500
8000
600
8600

8.50
400
3200

4500
3400
7900

Tearing – 6 hrs.

First trip – casing, Eric, myself.

Go back.
Rods.
casing
Hose.

Give ½ hr.

64 hrs. → ~~camp moving.~~
Hole
48 hrs. (me & Jobs.)
Erect the machine

1~~1~~2
7
784
236 - 3
1180
1180
1964

2000.

(10)
~~2000.~~
~~300~~

$2500
1200
$3700.

Fri — ~~8~~ 180'
Night — 60'
Sat — 100'
Sat-n — 2 60'
400'

400

$3600.

3500'
400'

900'

First trip — AXE.
POWERSAW.
CASING. 600. lbs
ERIC. 180 lbs
MYSELF. 140 lbs
PROPANE EMPTY CYLDER.
~~920.~~

SECOND TRIP — CASING.
2000' Hose.
Rods
FARO.

CAMP STUFF.

1/2 hour time.

Start Erecting Camp.

35	9.5		310	48
~~44.5~~	4.5		340	28
52	7.2		370	30
~~60~~	10		400	30
70	10		425	23
~~80~~	17		438	12
97	10.5			8
~~107.5~~	17.5			3
127	10			382.7
~~137~~	9.5			
146.5	15.0			
161.5	24.5			
186.0	4.5			
191	30			
225	32			
260				

438 − 35 = 403

382/403 × 100 = 94.7

403) 38200 (94.7
3627
1930
1612
3180

25 July, 1969

1800E – 9+00N

69- MOR- 1

Gordie
.12 hrs.

0 – 35' – O.B.

35' – 75' –

Po – 75°

CHLORITIC PHYLLITE:

GREYISH TO DARK Grey, ~~Phyllite~~ finely foliated phyllite consists of essentially chlorite and quartz. Sericite occurs in a very small amount. Biotite appears at 55'.

57' – Minor specks of chalcopyrite.

Well developed fissility.

60' – Po filling fractures & cavities.

62.5 – Qtz stringer.

(P 16)

w

75 - 115' - Fo - 75°

CHLORITE BIOTITE PHYLLITE.

Greyish Green with Brown bands of Biotitatic ~~...~~ phyllite is very finely foliated and exhibits good fissility. Differentiated bands of Silica & Biotite occur throughout and there is an enhancement in chlorite in this increment.

80.5 - 81.3 - Qtz stringer consists of minor Po

115 - 275'.

115 - 155' - CHLORITE SERICITE ~~...~~ BIOTITE PHYLLITE.

132 - crenulated.

Po & Py occurs throughout the core length in small quantities.

155 - 195

Chlorite Sericite Biotitetic PHYLLITE: - Fo - 71°

Increase in Sericite in this increment. Andalusite appears at 156.2 associated with Qtz. crenulations occurs occasionally.

162 - Po filling a fracture in Qtz stringer.

195 - 235 Chl. Bio. Ser. Phy.

195 PYRITE.

203' - Garnets.

204 - Po stringer in Phyllite -

214 - Py & Po in PHYLLITE.

235 - 275 Fo - 76°

Chl. Ser. Bio Phy

Qtz bands occur throught

the encasement.

Differentiated Bio & chl bands

alternate.

243.5 - Andalusite

245' - CuPo & PE filling vugs in Qtz.

252' - CuPo & Po stringers fill fracts in quartz veins.

275 - 315

Qtz Chl. Bio. Andalusite schist.

FO :- 78°

Very finely foliated, Greenish

Grey Qtz chl. Bio Andalusite

schist consists of seggregated

bands of Biotite schist and

massive bands of Qtz. Andalusite

occurs as porphyroblasts. Disseminated Po occurs throughout the core length of ~~[illegible]~~, metasediment.

313 - Stringers of Po.

315 - 389

Qtz Chl. Bio. Schist :-

Fo - 76°.

331', 333', 335' - Stringers of Po.

Disseminated Po at several places.

341' - CRENULATED.

352.6 - Crenulated. Po as disseminated

389' - ~~390~~ 407' - Contact - 15°

Qtz chlorite Diopside Hornblende Tremolite Epidote schist :-

Fo :- not clear.

Greenish black schist consists

of acicular Amphiboles with

seggregated bands of Quartz.

Calcite occurs as ~~[illegible]~~ small

veinlets. ~~[illegible]~~

~~[illegible] 438~~

~~[illegible] [illegible] [illegible] [illegible]~~
~~[illegible]~~

No Economic minerals observed in this increment.
Rich in Po at the contact.

407' - 436' -

Same as above.

410 - 412 - Band of Qz. Small Specks of Py associated with Qz. calcite occurs throughout.

Increasingly massive towards the contact and occur as green Stone in the last four feet of the increment. Epidote occurs commonly throughout the Schist.

436' - 438' - Contact - 55°

Garnetiferous Qz Chl. Bio.
Schist:-

Greenish Grey Schist with Segregated bands of Biotite & Qz.

Some of the Micas appear to be phlogopite. Rich in Silica throughout the increment.

438' END OF HOLE,

26th July

12 hrs.

27th July

12 hours

23 July, 1969

8.30 A.M. Gordi — 12 hrs.

PREPARING TO MOVE [redacted]

ON WEDNESDAY. PLEASE

ARRANGE A CHOPPER BY

WEDNESDAY MORNING.

APPROXIMATE HOURS OF

MOVING — 10.

SHALL CALL BACK AT 3.00 P.M.

FOR A REPLY.

27 July, 1969 Gordi — 12 hrs.

We are all set to move on tommorow morning.
Have you made any arrangements to send a chopper.
So, please let me know the details.

REPLY:—

CHOPPER ARRIVING AT 10.00 AM ON WEDNESDAY.

TO BE TAKEN ON FIRST TRIP TO FARO

PROPANE CYLINDER.
POWER SAW.
DIESEL HEATER.
CASING — SOME.
RODS — SOME.
BATTERIES —

To pick up at Faro:

pen.
Telephone book.
map.
Orange Juice.
Candy, chuzzies
potatoes
Books mag
4" nails.
1 AXE.

30 JULY, 1969

9.45 AM

HAS THE CHOPPER

LEFT FOR ANVIL?

REPLY:— SHOULD BE THERE

BETWEEN 9.30 AM - 10.30 AM

CHOPPER arrived at 9.45 AM.

Left for a trip.

6 Loads & camp Gear.

1 Load of Timber. 6/2

Tents.

30 July

HOURS

Nebbitt	16
Quinn	16
Berry	16
McKeown	16.
	64.

GOND! — 7 A.M. — 12. P.M. 16 hours

31 July

Raising Hole 86 4500'.

Nebbitt	14
Quinn	12
Berry	12
McKeown	12
	50

1 August, 1968

GOND! 5 A.M - 7 P.M. 14 hours.

1st Aug, 1969

Sump; Tripod legs,

Hose; 7 A.M — 9 P.M.

Asked if present 4 hrs. pump would do work. Foreman Replied, Yes.

2nd Aug, 1969

Hose work. 7 A.M. — 12 A.M.

The crew is on stand by time.

contacted white bear an extra 420 Supply pump.

The extra hours spent on 1st Aug & 2nd Aug were due to [illegible] unpreparedness for the equipment to handle the job. and the crew tried to put in more ill efforts to rectify the above cause.

Those hours are not the responsibility of Anvil and hence can not be charged to the company.

The unpreparedness is causing more expenses to Anvil to fly in chopper each time and the contractor should realize the remoteness of the place where the job is performed and should have equipment ready on hand. Standby time be charged to contractor until the time the chopper brings in the pump.

Anvil can not pay for the above hours which is a result of insufficient equipment & poorly managed.

ANVIL'S EQUIPMENT

i). AXES - 2.
ii). Power saw - 1.
iii). Blankets, pillows;
iv). water cooler;
v). Heaters & other camp gear; Beds, Sponge;

Haul the casing left at the road to Faro & store at Arctic drill shack.

GROUPINGS

— CHECK THE EXPIRY DATES OF THE CLAIMS. 16 each. ON EACH JOB.

FV counts as one.

$ 100 for each

$ 50 for a fraction.

1). Show all the claims in color to be renewed

2). plot longitude & latitude on the map

3) Group them and show the NN. on the original

4). Obtain the printout and color them, each color indexed to each group.

5). Count all claim years and groups.

6) DDH location on original and three printouts.

7). Pay funds for those claims which require to be renewed and can not be approached to the claim where work was carried and money expended.

8). Prepare statement of costs for the use on 'C' certificates.

ASSESSMENT

i). Invoices

a) Related to Drilling

b). Related to Helicopter

c). Related to parts.

ii). Drilling Support:-

a). Transportation

b). Tracked vehicles is applicable.

c). Pick up trucks ~~cost~~ and be charged ~~on~~ a rental basis.

iii). CAMP MAINTENANCE

a). Food cost

b). Cook's wages.

iv). SUPERVISION

T. Gowdy $35/day

M. Hampton $45/day.

v). Gas & DIESEL.

2' per Gallon

Recorder's office charges.

$5 for each claim year

$5 for each group.

(P.T.O)

EQUIPMENT RENTAL CHARGES (TAKEN FROM SEA ASSESMENT WORK).

FOR THE PURPOSE OF ASSESMENT:—

TWO
4x4 Pickups —
$35.00/Day.

HELICOPTER
1969 SUMMER RATES.
TNTA

JETRANGER — $236.00/hr.
+ FUEL.

FUEL costs ~~approximately~~ close to accuracy.
$7.98 ~~[illegible]~~ for one hour flying.

+ Minor costs of empty drums left over on the properties.

Cost of fuel over 0.60¢ per gallon.

TRACTOR

J.D. Tractor
$30.00/Day.

FORE MOST
$50.00/Day + operating & Repair labour.

D-8 — Tractor
PRIMARY CONST. CO.
+ operating & Repair supplies.
15 hrs. $35/hr.
6 hrs. $43/hr.

D-7 — Tractor

BOMBARDIER — $30/Day.

Gasoline
50¢ per gallon.

Diesel
44¢ per gallon.

Remarks on Properties

Finger lake & Mor proposties. NO Timber high enough for Tripod legs, but set up timber could be found with some effort.

(margin: water close by ≃ 2500')

Swim Properties:—

NORTH SEA — Good Tripod & set up timber.

(margin: ≃ 4000' by)

chopper can land on Fox Property of Cominco & enough timber can be found there.

or

land the chopper at ~~Ken~~ Ken adison propty and look for timber around.

(margin: water close by)

or

Alternatively Blind creek.

EAST SEA

NO GOOD Tripod Timber. Seek one of the above ideas.

water close by. Two lakes within 4000' distance.

MOR

Excellent Set up timber. NO Tripod legs. water scarce. ~~not~~ Trouble with good drinking water. Mostly swamp water.

Hose line ≃ 5000'!

check the head and make sure pump has enough PSI.

Casing Shoes & Bits.

For our 80' casing, have at least 20' NX, 30' BX & 60' AX.

Shoes - In Sandy overburden can last approximately for a depth of 30' - 45'.

Make sure to have more than enough.

BITS

would ordinarily last for 125' & more. But in hard formation may last for 80'.

HOSE

Prepare the crew to carry spare hose nipples female & male more than necessary. Punch locks.

Hose diameter is one inch.

Heating

Have enough fittings for heaters.

Iron Pipe.

Carburator in good condition.

POWER SAW

A Must for Drill Job.

+ 3 hand axes.

+ 2 Swede saws with extra blades.

HAY WIRE

Serves several purposes & a must for Drill Job.

Beds See in good shape. If bolts are missing, Hay wire could be used.

HOSELINE

3,000 FEET, 600'-400'
Head needs two pumps.
May get away with strong
binding between the Hoses.
Extra Hay wire;
Triple punch locks a must
if back pressure builds up.

MOTOR OIL FOR THE ENGINE.

IF TWO PUMPS ARE REQUIRED ON A JOB, HAVE EXTRA DRUMS OF GAS FOR THE JOB AS REQUIRED.

3 Sept, 1969

Paid $635.00
towards Mining Record-
fees for the claims.

116 cl/year

7 Groups

CWC 72 FV } a/c
73 FV } [illegible]

69 - LEE - 1

18 AUG, 1969

11.5
21 — 9.5'
— 5
26
— 4.5 } 19
36
41 — 5
— 5
47
52 — 5
— 10 } 25
62
86 — 21
— 15
111
120 — 6
— 5
128.5
— 9 } 61
143
150 — 5

71.5%

153

176
— 3
181
— 4.5 } 9
191
— 1.5

201
— 4.5 } 16
206.5
— 11.5

218
— 7 } 7
225

149) 214 (
16

153.5
— 4'
164
— 3.6
167.6
— 3.4
171
— 5
176

0 - 11' — O.B. 69 - LEE - 1

11 - 52.5' — quartzitic phyllite

Fo:- 72°

Very finely foliated, Greenish grey quartzitic phyllite consists of limestone as thin bands, veinlets and as disseminated. Minor amounts of Diopside & epidote is present in some places. Lineations are present roughly at right angles to the core axis.

40' - 41' - A band of L.St. Rexed calcarenite band, consists of finely disseminated Py & Galena.

41' - 44' — Rich in L.St and some occurs as calcite. Down the hole increasingly Biotitic. Core exhibits more pronounced banding dime rich fonts, with segregated L.St, calc silicate bands & chloritic, Biotite bands.

52.5 —

Quartz chlorite Biotite schist: with increase in grade of metamorphism, the core gradually passes into Brownish

Grey to Green Grey

Quartz Biotite chl. Schist.

Contact — 62°

56.5' – 58.5'

At ~~[illegible]~~, ~~[illegible]~~ L.St and some ~~altered to~~ Diopside & acicular Tremolite ~~finely~~ occurs in fine ~~Gr~~ aphanitic Green matrix. Appears to be meta volcanic band, within the Schist. Finely disseminated Pyrite occurs at 57.5'.

152'

58.5' – ~~[illegible]~~ —

Quartz calcite Biotite chlorite Diopside Schist: —

Fo — 55°

Consists of lime rich Horizons, where the core ~~is~~ exhibits pronounced banding due to differentiation and some altered to Diopside. Twin bands of L.St occurs throughout

66' – Qtz bands of 4" wide.

Rich in lime at 81' – 86'.

108' – Rich in Biotite

120' – Py. along fracture and appears to be ground water deposition.

152' – 153.5' – ~~End of Chl. Bio Schist. meta L.St and marble~~ Sheared volcanic band, cut by L.St in places. occurs as finely foliated to massive Green stone altered to Bio, chl, Diopside Schist in places. Gradational Contact.

153.5' – 176 – quartz calcite TREMOLITE Biotite chlorite Diopside Schist

Continues —

175' – Py along fracture. Appears to be Ground water deposition.

~~173.5'~~

176 – 225' – Quartz calcite Biotite Chl Dio / Schist Conts.

216' – Chalco Pyrite.

massive in places where rich in limestone.

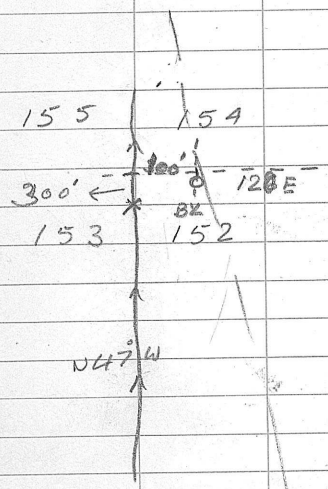
181 – 191 – Extensive chloritization and fractured core. 50% Rec.

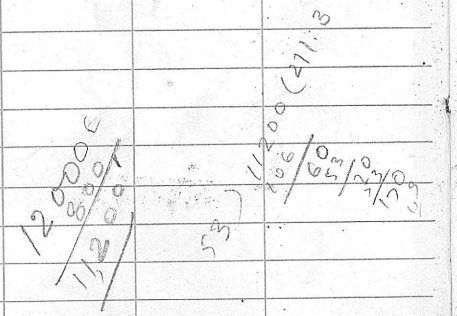
206' – Calcite band of 5" wide.

218 – 225 – Rich in L.St & partly altered to Diopside

Rexed calcite bands occur throughout.

225' - END OF HOLE.





Sept 27, 1969 Saturday.

TRENCH LOCATIONS

LINE 120E

i). 800N ii). 14+00N. iii). 11+00N

Trench

LINE 118E

i). 11+00N

NE 114E

i) 300N ii). 600N iii). 900N

iv). 1100N.

NE — 112E

i) 500N ii) 0

Trench.

i). 10+00N.

LINE 104E

1100N. 600N

NE — 80E

i). 1400S ii). 1600S.

Trench

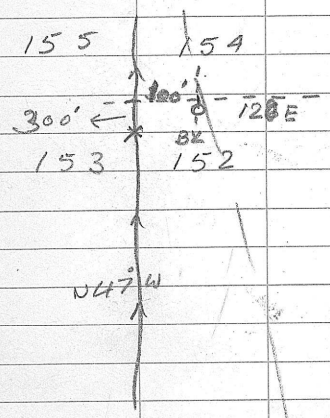
ii). 100S. iv). 200N.

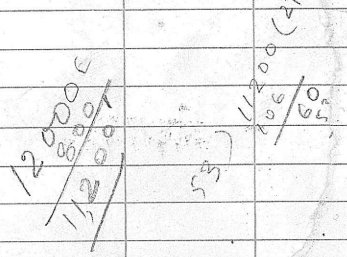
i). 1200S.

(TO)

Rexed calcite veinlets throughout.

225' - END OF HOLE.





Sept 27, 1969 Saturday.

TRENCH LOCATIONS

LINE 120 E ✓

i). 800N ii). 14+00N. iii). 11+00N

Trench

LINE 118E

i). 11+00N ✓

LINE 114E

i) 300N ii). 600N iii). 900N

iv). 1100N. ✓

LINE — 112E

i) 500N ii) 0 ✓

Trench.

iii). 10+00N.

LINE 104E

1100N. 600N

LINE — 80E

i). 1400S ii). 1600S.

Trench

iii). 100S. iv). 200N.

v). 1200S.

(PTO)

LINE 76E

i) 600S

LINE 72E

i) 300N

LINE 8E

i) 2000S ii). 2500S iii) 1500S

DBH. 150'

LINE 11E

i) 2000S ii). 1500S iii). 2500S

LINE 16E

i) 2500S + a) 2800S

b). 2200S.

CHECK LIST

LUNCH BAG.
ORANGE CHNS.
SALT.
Brunton.
Note Book
Geol. pick.
RIFLE
Tape.

Plastic bags for soil samples.

Sept 28, 1969

8 A.M. — cat left Shop.

Reached 120E 8+00N 2.30 P.M.

Trenching commenced at 2.30 P.M.

3.15 P.M → Connecting rod broke down

8.00 A.M — 3.15 P.M.

7.15 Hours.

Geol. — $35

pick up — $15.

Oct 17, 1969

Travel cat

4 P.M — 8 P.M.

1). LINE 8E — 2000S (EW Trench) — 8 km.

2). 2500S (EW); 3). 1500S; EW

2). LINE 11E

2000S; [illegible]; 6 trenches.

16E

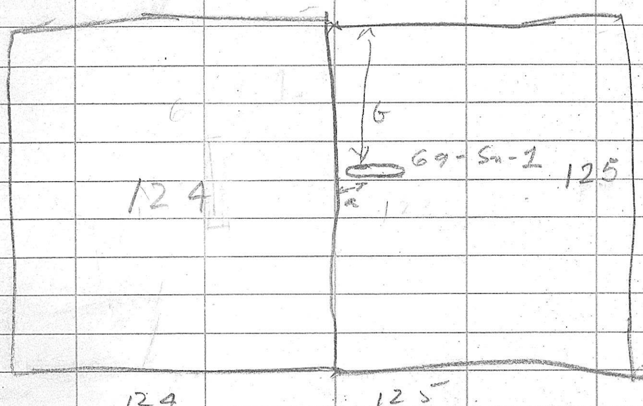
2500S; 2800S;

Oct 18, 1969   7.30 A.M — 11.30 A.M
walk the cat.

SUN CLAIMS

Trenching.

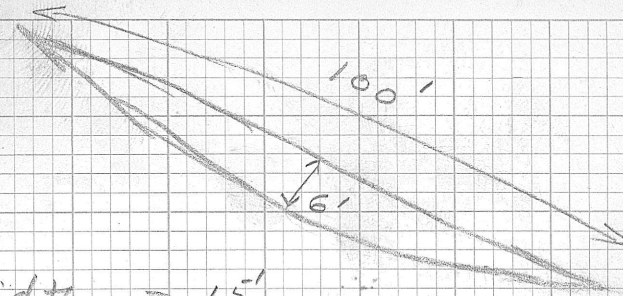
11.30 A.M — 2.45 P.M — walk the cat to the property & put in road for half a mile.



a = 250'
b = 800'

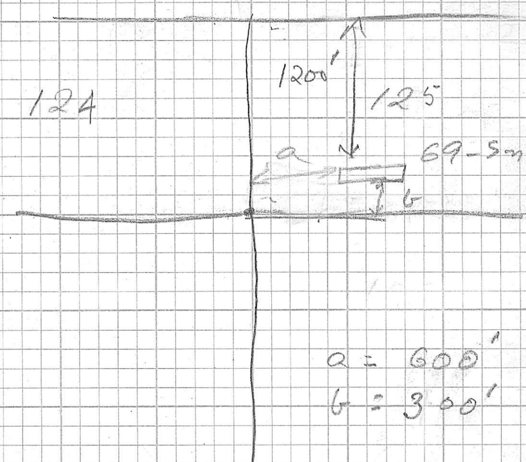
Ash
orga.
vol Ash
Glac. Debris.

Geochem
sample — 69-S-1



width → 15'.
No bed rock.
Time — 2.45 P.M — 5.15 P.M
5.15 P.M — 6.30 P.M — Travel cat.
Actual cat hours — 7.30 AM — 6.30 PM
= 11 hrs.

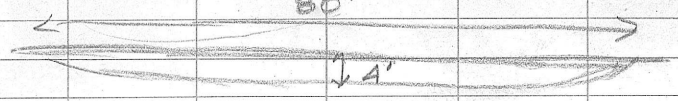
Oct 19, 1969
9 A.M — 12.30 P.M — walk cat.



a = 600'
b = 300'

(P T.O

orga. matter. — 8"
vol ash ——— 4"
Gla clay & Gravel — 3'



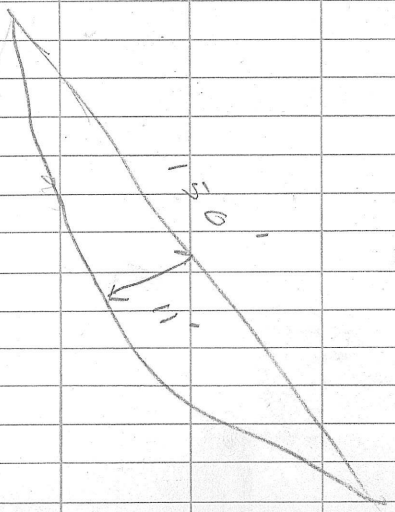
width — 20'.

12.30 P.M — 2.00 P.M.

Sample — 69-Sn-2.

Bed rock — Gr. St.
Sheared — all Amph. epi
Cretaceous. meta? Schist.

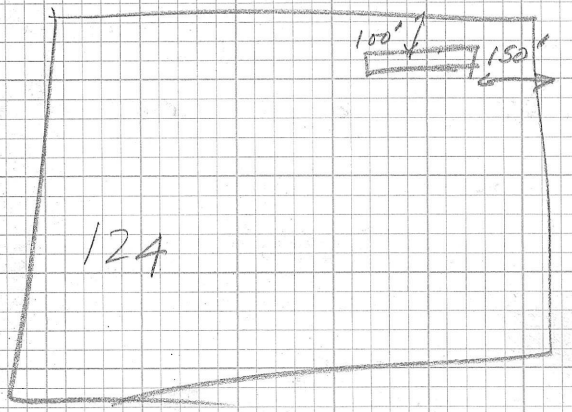
69-Sn-3



2 P.M — 5.45 P.M

NO Bed rock.

Sample 69-Sn-3.



5.45 P.M — 7.00 P.M
walk out.

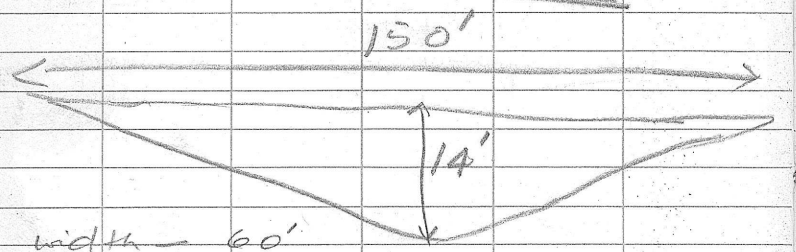
(PTO)

Oct 20, 1969

8.00 AM - 8:30 AM - Travel time

8:30 - 10 AM - walking col-

10 AM - 1.30 PM - 69 - Sm - 4



width - 60'

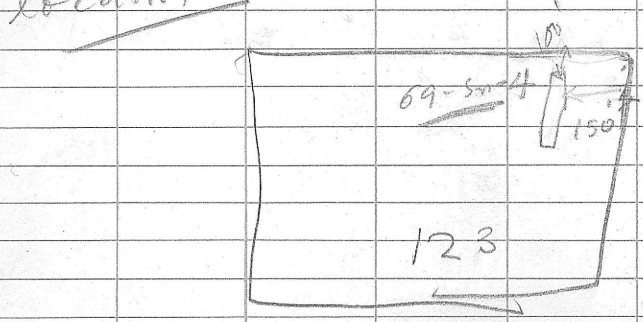
organic matter - 0 - 1'

Volc. ash - 1' - 1.5'

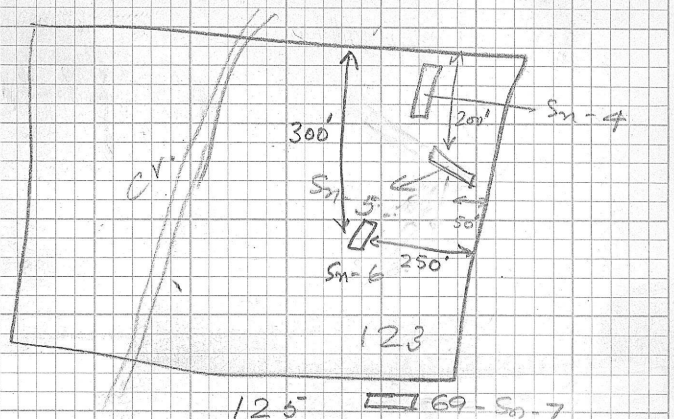
Glacial debris - 1.5' - 13.6'

Green Stone - 13.6' - 14.0'

Boulders.



69 - Sm - 5 1.30 - 3.00 P.M.

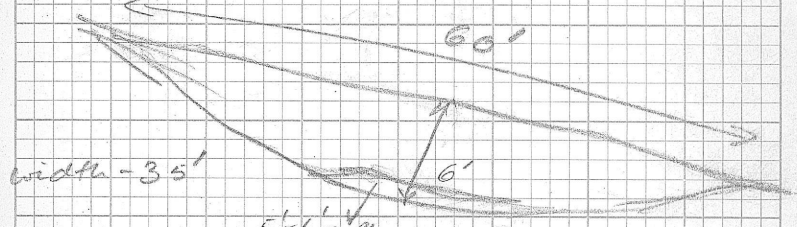


0 - 1.5' - org. matter

1.5' - 2' - Vol. ash

2' - 5' - Glac. debris.

5' - 6' - Phyllite.



Schistosity 120° Dip 45°

45°

highly Graphitic & slaty in places.

more chloritic.

Extensive Qz Veining.

69 - Sm - 6 3.00 - 4.30 P.M.

0 - 1.2' - Undecomposed org matter.

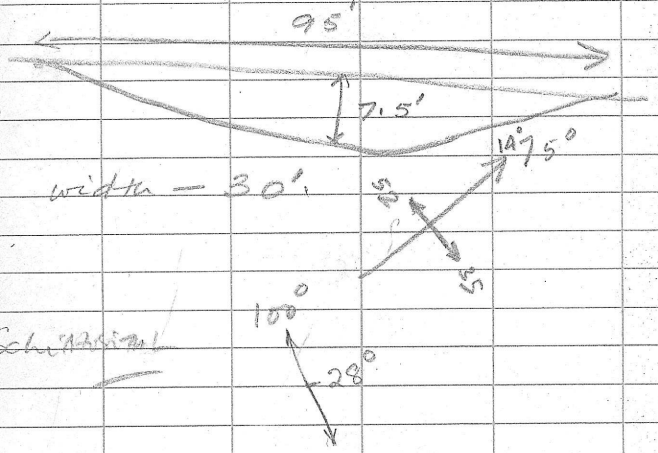
1.2' - 1.6' - Vol ash.

1.6' - 6.5' - Glacial debris.

6.5' - 7.5' - Phyllite.

4.30 P.M - finished.

Soil sample - 69 - Sm - 6.



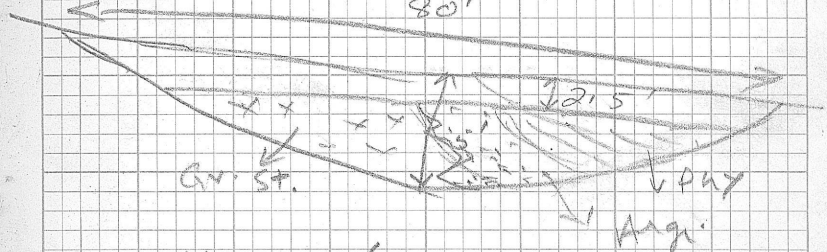
69 - Sm - 7 4.30 - 5.30 PM

0 - 1.5' - Org.

1.5' - 2' - Vol ash.

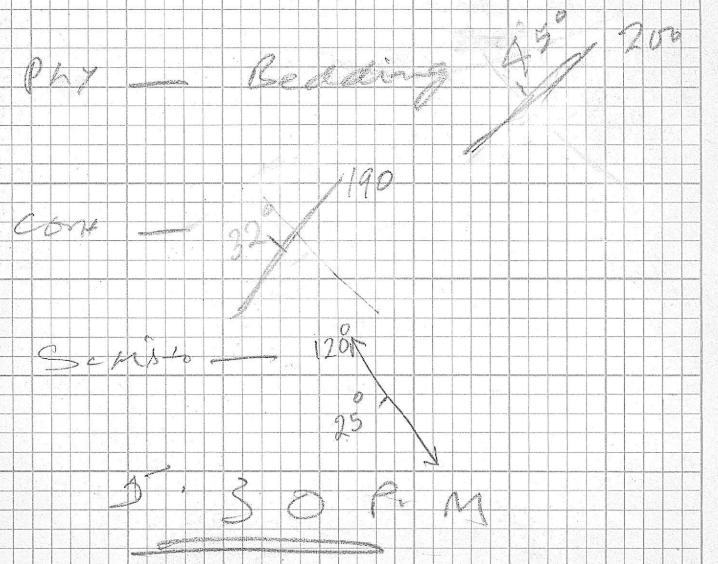
2 - 2.5' - Limonite & Iron oxides.

2.5 - 5' - Bed rock.



width - 30'.

Dented. Phy in Greenstone.



5.30 P.M

5.30 P.M - 6.30 P.M - walk cat.

Oct 17 - 4
18 - 11
19 - 10
20 - 10

35 hrs.
21 - 10
22 - 10

55 hrs.
40

$ 2200
\+ 300
6 days - $ 50
$ 2500

work on 32 claims.

Hence cheque for

3200
2500
+ $ 700

Receiver General of Canada.

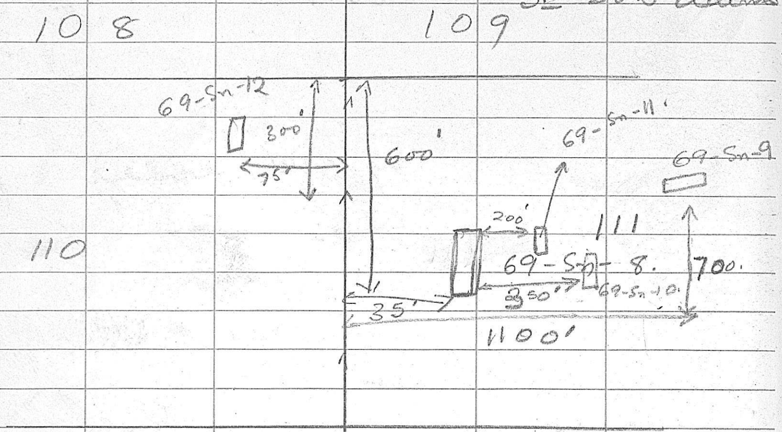
Oct 21, 1969

Paid $ 1000 on Dy claim

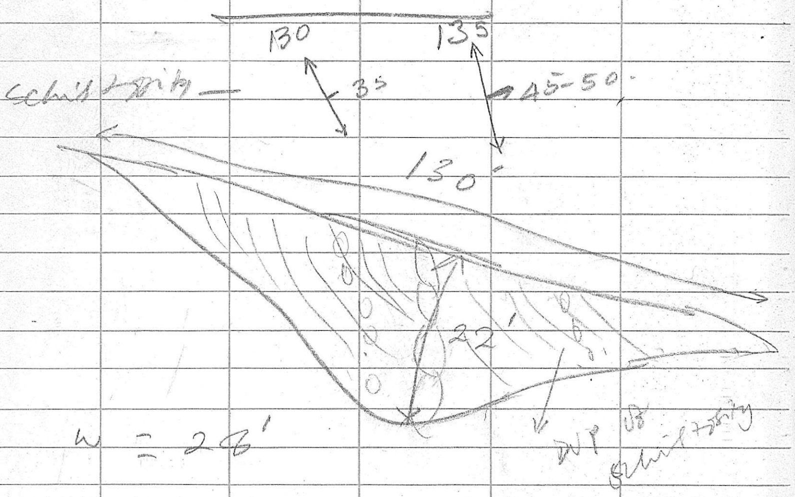
Paid $ 800 on Sun claim

DY	SUN
161 ✓	137 - 93219
168 ✓	138 - 93220
169 ✓	139 - 93221
167 ✓	134 - 93216
180 ✓	135 - 93217
178 ✓	136 - 93218
176 ✓	132 - 93214
177 ✓	133 - 93215
179 ✓	
182 ✓	
Oct 21, 1970.	Oct 22, 1970

8 A.M – 12.30 P.M – walk out to SE Sun claims.



12.30 P.M – 4.30 P.M



Graphite schist.

Extensive Qtz boudinage.

Qtz lenses.

~~Qtz~~ Silty Qte interbedded

exhibit extensive limonitization & Iron oxides.

Veg mat — 0 – 1.8'

Vol ash — 1.8' – 2.3'

unconsolidated Glacial debris — 2.3' – 5'

Gossan — 5' – 6'

Graphite schist interbedded with Qte — 6' – 22'.

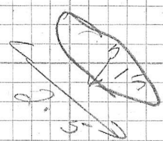
Qte – ∥el to Folia.

Gr schi highly crenulated.

extensive Qtz veinlets.

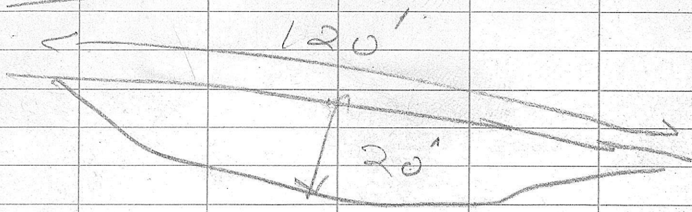
Gr. chl. schi occurs in places.

Qtz lens —



1100' NE OF 69-Sn-8.

69-Sn-9



W = 28'

No Bed rock.

4.30 – 7PM

Oct 22, 1969

Left camp at 8.00 A.M.

Reached Sun claim at 8.45 A.M.

Fueling 8.45 – 9.00 A.M

Trenching ~~[illegible]~~ ~~Started~~ at

9.00 A.M.

(2 Rests.)

8,000
~~20,000~~

18,000
2[illegible],000

10,000 exp.

30,000
30
9,000,000
12
10,800,000

~~15,000.~~

~~Trenching~~

Grnd

Mads!

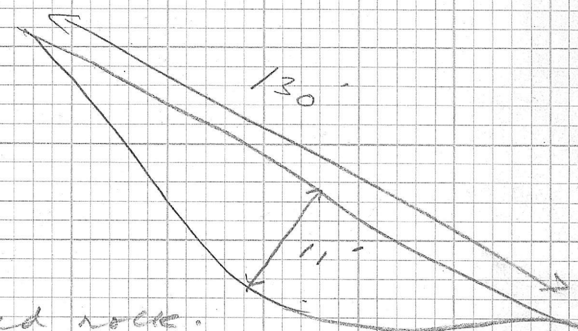
280.

~~145,000.~~

3

500
1000/2

69-Sn-10



No bed rock.

Sample – 69-Sn-10.

9.00 A.M – 11.45 A.M.

69-Sn-11

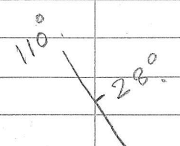
200' NE of 69-Sn-8

11.45 A.M — 2.30 P.M.

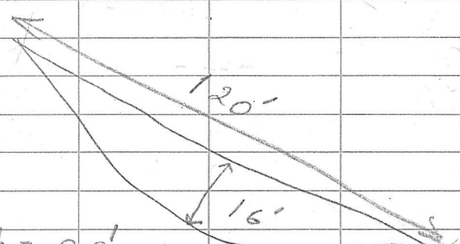
0 - 1.5' - org. matter
1.5' - 2' - volc ash

2' - 12' - Glacial material.

12' - 16' = Grey Alg. chert partly melted. — Gr. chl. Bio Qtz Schist. (very minor).

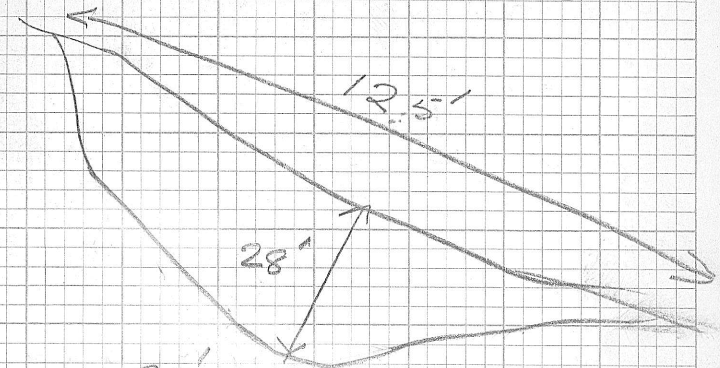


Iron oxides along fractures
Limonite



width = 22'.

69-Sn-12



w - 25'.

No bed rock.
Sample - 69-Sn-12.

2.32 - 6.30 P.M - Trenching,

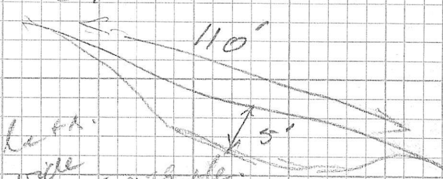
6.30 P.M - 7.00 P.M Travel to Faro Camp.

Oct 23, 69

69-Sn-13

10 A.M. Reached claim locations.

100' SE of 69-Sn-8.



width - 20'

Green Arg. chert
LST. veinlets
Qtz veinlets. 1/2" wide - angle.

10 A.M — 1 P.M.

16
659
40

$ 800.00 won

2 Days. 100
708
40

18 hrs. 3 Days.

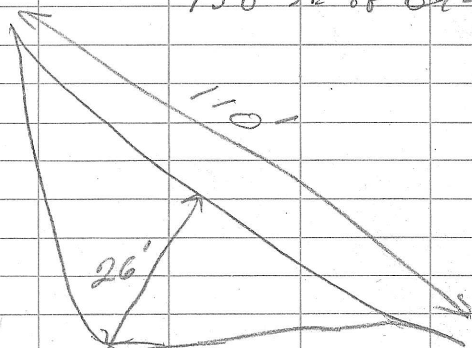
16hrs

23 - 1
24 - 1
1/4

(2hrs)

69-Sn-14

150' SE of 69-Sn-13



w = 20'

No red rock.

1 P.M. — 5.00 P.M.

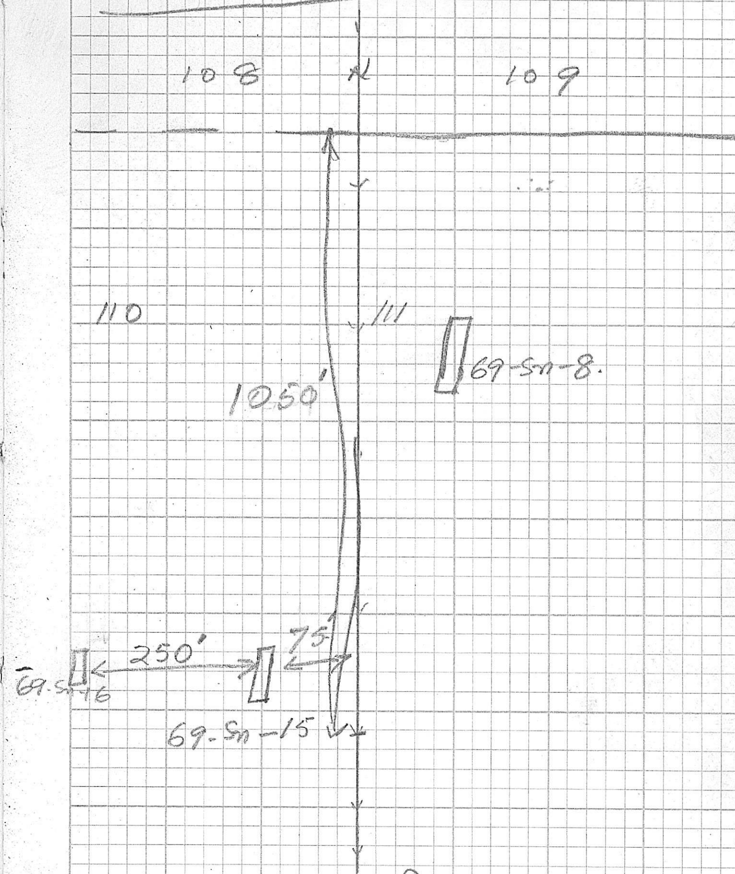
Reached Faro at 6.00 P.M.

10 hrs. for cat operator.

8 hrs trenching.

5 83.

October 24, 1969



10 A.M. — 3 P.M.

SUCCESSION

Graphite schist — Shaly

Qtzitic Zones.
Faults.

Dark-
Greyish grey ← Argillite - Silty horizons.
Shaly zones.

75°

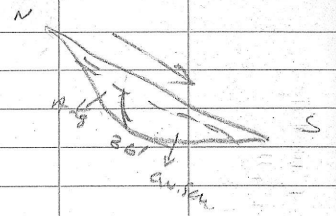
Color 75°

40°

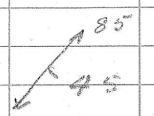
Iron oxides along fractures.

Argillite - Siliceous, manganiferous, fine grained. Slaty cleavage in places. Includes thin bands of Dark carbonaceous shales.

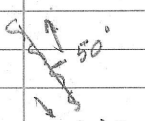
Contact — 36'



Graph Schist.

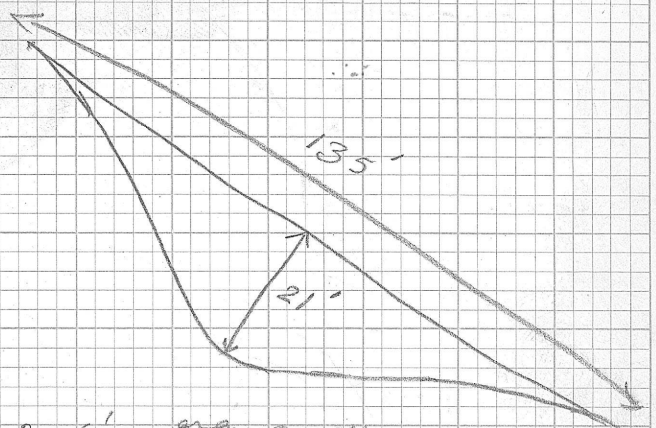


64' - FAULT.



59' - 76' - Highly siliceous. massive silica associated with Graphite Schist. Faint fold. Qtz veining. extensive limonitization & iron oxides. massive Graphitic Qtz consists of 0.5% Disseminated Py in places. oxidation probably related to faulting.

76' - 84' - Gr. Schist.



0 - 0.6' - org. matter.
0.6 - 1.0' - Vol. ash
1.0 - 9' - Unconsolid. Gla deposits
9' - 21' - Argillite
21' - Gr. Schist.

3 P.M. - End of Trench.

1969 - Sn - 16

3 P.M. — 5 P.M.

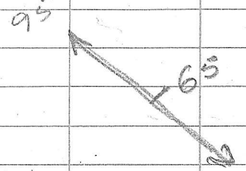
5 P.M. — 6 P.M. — Travel to Fno.

October 25, 1969

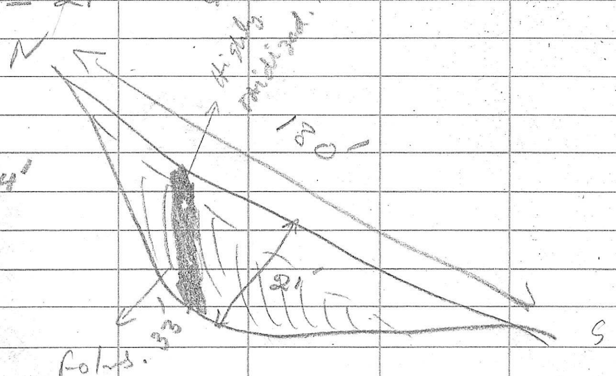
9.00 A.M — 11.00 A.M.

1969-Sm-16 continued.

Gr. Schi Interbedded Qte.



0 – 0.6' – orga.
0.6 – 1' – vol ash
1 – 6' – Gla debris.
6' – 21' = Gr. Schi



W = 24'

33' – oxidized shaly in places.

48' – Qte. met Qte.
oxidized.

51' – Gr. Sch.

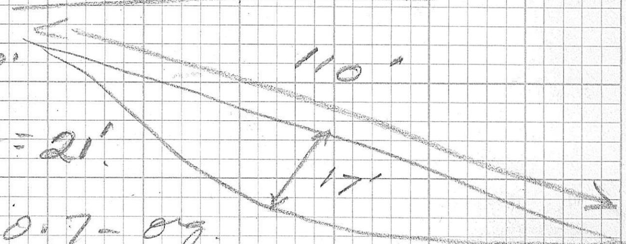
other members are
sericite schi & ch Ser. Schist.

Qte occurs at various intervals
as bands 2' – 3' wide and
are well oxidized.
Bleached in places.

69 – Sm – 17

11.00 A.M — 2.30 P.M

200' SE of Sm-16.



width = 21'

0 – 0.7 – Org
0.7 – 1 – Vol ash
1 – 11 – Glaci deb
11 – 17 – Green Argillite. cherty in places.

Essentially Argillitic, consisting of cherty bands.

Enclosed Qtz lenses carry minor disseminated Galena.
Several Qtz stringers are associated. – Bluish Grey.

Oct 27, 1969

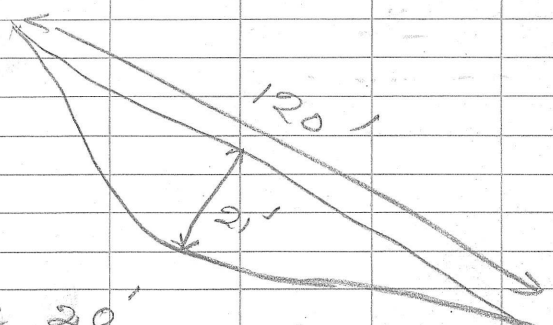
69 - Sn - 18 220' S & A Sn 17.

8.45 A.M - 9.15 A.M - Travel.

9.15 A.M - 9.30 A.M - Service.

9.30 A.M - 3.00 P.M - Trenching.

Sample - 69-Sn-18.



W = 20'

NO bed rock.

0 - 0.6' - reg. matter

0.6 - 1' - vol. ash

1' - 21' - Glacial debris & unconsolidated gravel.

3.00 P.M - 4.30 P.M - walking Cat.

4.30 P.M - 5.00 P.M. - Travel to Faro.

operations hours - 9 hours.

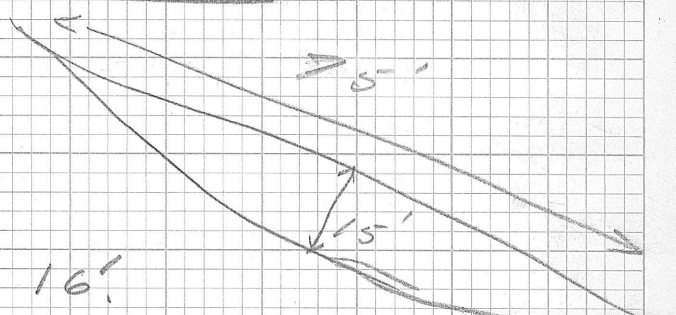
October 28, 1969

8.00 A.M. { 7.30 A.M - 8.00 A.M. Travel-time
8.30 A.M. } Service time.

8.30 A.M - 11.00 A.M - walking

11.00 A.M

69-Dr-1



W = 16'

0 - 1.5' - reg. matter

1.5' - 2' - vol. ash

2' - 6' - Glac. Debris

6' - 12' - Decomposed bed rock.

Rusty, Iron oxidized

12' - 15' - Phyllite. 12° ~ 3 ft

11.00 A.M - 3 P.M.

3 P.M – 4.30 P.M

69 - DY - 2

4.30 P.M – 5.00 P.M – Walk the cat.
5.00 P.M – 5.30 P.M – Travel to Fawn city.

Operators hours – 9½ hrs.

Cat hours spent on trenching job since Oct 17, 1969.

Oct 17, 1969 – walking cat. 4 hours.

Oct 18, 1969 – walking cat ~~4 hrs.~~ (7.30 A.M – 11.30 A.M).

walking cat to claim 12 5/8 ft is road to walk a mile (11.30 A.M – 2.45 P.M)

3¼ hrs.

69 - Sm - 1

claim 12 5/8 — 2.45 P.M – 5.15 P.M

— 2½ hrs.

Travel cat to road – 5.15 – 6.30 PM

1¼ hrs.

TOTAL – 11 hrs.

Oct 19, 1969

walking cat – 9 A.M – 12.30 PM

3½ hrs.

69 - Sm - 2 – 12.30 PM – 2.00 P.M

= 1½ hrs.

69 - Sm - 3 – 2 P.M – 5.45 P.M

— 3¾ hrs.

walking cat to road – 5.45 – 7.00 PM

— 1¼ hrs.

TOTAL hours – 10 hrs.

Oct 20, 1969

walking cat – [redacted] 1½ Hours (9.30 10 A.M)

69 - Sm - 4 – 10 A.M 1.30 P.M.

~~3½~~ hrs.

69 - Sm - 5 – 1.30 – 3.00 PM

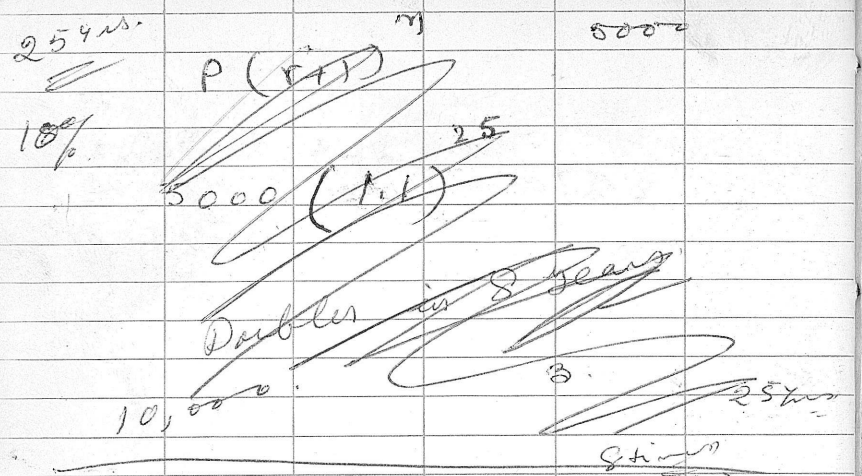
— 1½ hrs.

69 - Sm - 6 – 3.00 – 4.30 P.M

– 1½ hrs.

69 - Sm - 7 – 4.30 – 5.30 PM

– 1 hr.



walking cat — 5:30 PM - 6:30 PM
— 1 hr.

TOTAL hours — 10

Oct 21, 1969
walk cat to Son claims — 4½ hrs.
69 - Sm - 8 — 4 hrs.
Sm - 9 — 2½ hrs.
11 hrs.

Oct 22, 1969
69 - Sm - 10 — 3 hrs.
Sm 11 — 2¾ hrs. / 9¾ hrs.
Sm 12 — 4 hrs. /

Oct 23, 1969 Sm 13 — 3 hrs. /
Sm 14 — 4 hrs. / 7 hrs.

Oct 24, 1969 Sm 15 — 5 hrs. /
Sm 16 — 2 / 7 hrs.

Oct 25, 1969 Sm 16 — 2 /
Sm 17 — 3½ / 5½ hrs.

Oct 27, 1969 — Sm 18 — 5½ /
walk cat 1 / 6½ hrs.

Oct 28, 1969
walk cat from Sun claims — 2½ hrs.
changed to Sun claims.

Dec 11, 1969

Explm. Budget &

Discussion

R. T. THURMOND; J. F. OLK; C. H. MACDONALD;
H. O. HAMPTON & J. GONDI.

$100,000 on feasibility.

– change to planning &

Smelter feasibi study;

wild cat holes w

60,000 – Asse –

100,000

40,000 — Budget for

Explm.

Rel. Geophy.

10'–20' Bedrock;

O.B. Drill;

Grav – Mag;

Interval

claim corner.

1,000. holes possibly.

Look for a machine;

$100,000 for a program

for drilling small as holes

to gather bed rock geology

& geo-chem. information.

0-35'- OVER BUR DEV.

35'-75'-

CHLORITIC PHYLL

TE-

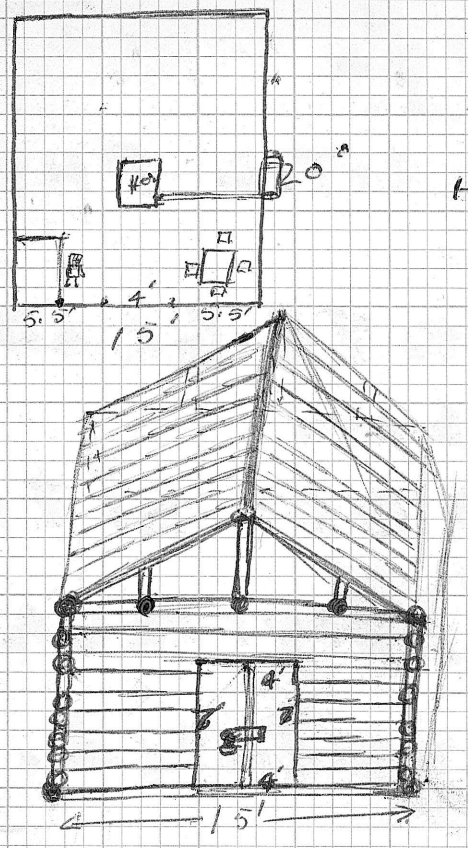
BIOTITE GRADE.

Mt+Sm.

ANDALUSITE.

Qtz. STRINGERS.

CRENULATED.



DRILL CAMP RQTS.

i). water line. ≈ + 500'.

ii). Tent frames.

iii). Propane cylders — each lasts 12 days for live.

fittings

iv). Heaters, pipe stove.

v). Rope.

vi). Estimate of O.B.

vii). Casing shoes — 2 for 75' if sandy O.B. (lake near by so on).

viii). Power saw & 3 axes. & Swede [illegible] saw to cut wood.

ix). water storage tank.

x). planks for Drill machine floor.

xi). Core boxes.

xii). Casing hammer.

xiii). Casing tap.

xiv). overshot assembly.

xv). Rods & casing.

xvi). wire line cable

xvii). Bits, AQ, wl and AX, BX, NX, casing shoes & bits for reaming.

xviii). Torch lights — 3

xix). naphtha & coleman lamps.

xx). Cots, Sponge mattresses, sleeping bags, blankets & pillows.

xxi). If Radio is carried, others nos. + Extra batts.

xxii). Rifles — 4 + Ammo.

xxiii). Core barrels — 2.

xxiv). Propane heater. Utensils for a crew of 6.

XXV). If Timber available at Drill site. Tripod legs, Timber for setting.

XXVI). Gas – 2' – 1 Gallon.
Diesel — lasts 20 Days for one kit. ~~copper~~
tube & fittings for heater.

XXVII). Check the condition of pump before shipped; Suction hose, Spark plugs, Oil, Rubber cups etc.

XXVIII). Spark plugs on Motor of Drill machine.
Spark plugs for pump.

XXIX). Oil for Drill machine.

XXX). 4'x10' plywood for DINING TABLE.
3'x4' Table for meat cutting etc.
4'x6' plywood – 2 pieces.
planks for above, legs for above.

216 624

3 lbs.

540
210
750

4.50
120
480
60

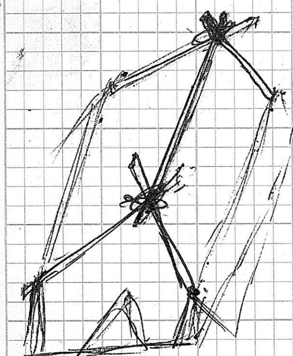
8

192
~~[illegible]~~
120

Preliminary work for Drill Job

Have labour crew sent first to prepare chopper pad, clear trees, spread Hose, cut timber for Drill set-up.

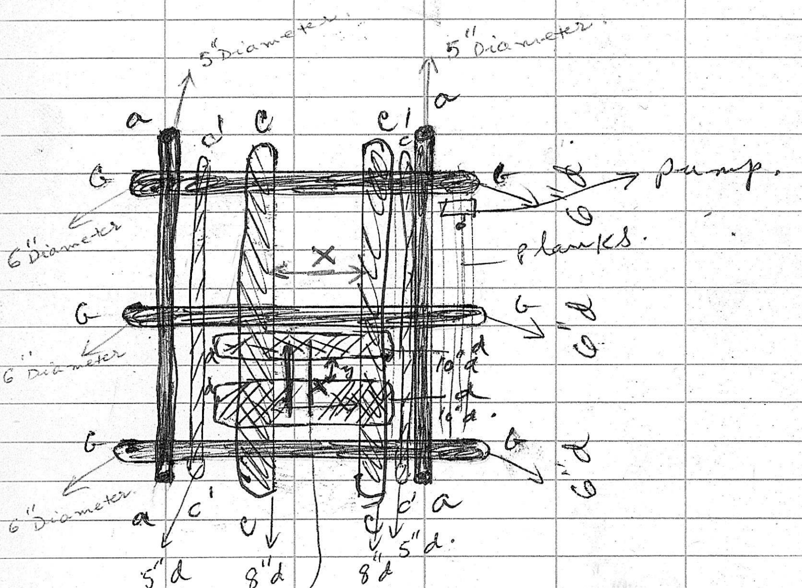
~~Saves~~ Erect tents and build frames if necessary.
Saves 250 ~~[illegible]~~ hours easily or
~~$[illegible]~~ $ 1750 costs
$ 750 with Labour crew.



XXXI). PLANKS
~~10~~ 14' x 1' x 2"
12 Number.

For Tent set up, needs,

Power saw,
Axe,
Hack saw to cut wood,
Hay wire,
Ropes,
Timber.
Coil Heaters.



Drill machine

CC – 14' long. dd – 5' long.
x – 4'. dy = 10" = 2.5'

All beams must be perfectly at level.

P = pr.
n = yrs.
r = Rate.

P n r

16
5000
300

$16 / foot.
50' ca.
400.

300
8
2400

2800
500
3300
4000.

64 hrs.
7 2
448

$1000 for chopper.

10 h
5.

236
5 hours.
11 80