

**REPORT ON 2015 EXPLORATION**

**FOR**

**GOLD CACHE INC.**

**(CLIENT #407356)**

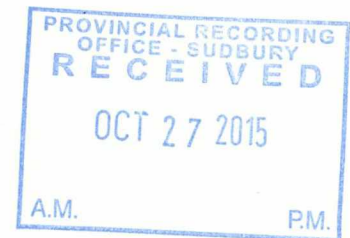
**GOLD CACHE PROPERTY**

2-56359

**DAWSON ROAD LOTS  
AND  
HORNE TOWNSHIP**

**NTS 53A/12  
UTM COORDINATES  
MAP DATUM NAD 83  
0287901E / 5385013N**

**THUNDER BAY MINING DIVISION**



**Prepared by Terry Yahn  
October 2015**

## **INTRODUCTION**

**We have focused our work this day within claim 1173912 (16 claim block) to explore high potential areas for exploration work. Past assay results in this zone have encouraged us to continue to sample the area.**

**Within the boundaries of this claim are Pillow Lava extrusions which extend to the west and southwest. This entire area consists of bands of mineralization with most gold findings in the quartz veins of Mafic rock.**

**The Gold Cache Project contains 5 properties with 53 Claim units. It is situated 80 kms west of the city of Thunder Bay on Hwy 11/17, at Shabaqua. Highway access is available to this property.**

## **PROJECT HISTORY**

**This block of claims, staked starting in 1994, once contained 93 mining units in 28 contiguous mining claims straddling the Dawson Road Lots and Horne Township, with one claim in Laurie Township. One of the main features of the property is the caldera-like structure covering approximately one third of the claim block.**

**During the past twenty one years, the Shabaqua area has become one of the most active areas for mineral exploration in Northwestern Ontario. Much of the recent staking activity radiated from this structure. The subject property (in part) triggered the regional staking frenzy in 1995. It was surrounded by quality exploration companies, three of which obtained land positions on both sides of the subject property. Over twenty-five publicly traded companies swarmed into this "emerging gold camp", which is now referred to by the industry as the "Matawin Gold Belt".**

**During 1996 and 1997 considerable line cutting and geophysical surveys were conducted by most of the companies in the area. In 1997 several of the companies conducted diamond drill programs, with at least 12 holes drilled resulting and results up to .300 oz/t. Au. Expectations for the area remain high.**

**More robust exploration continued in the late 90's and right up to 2015. Although it had slowed down somewhat from its previous pace, the work simply became more concentrated (targeted) and results continued to improve. Assays in the range of .400 oz/t to 1.400 oz/t were now being found in the key properties.**

**In 2001 thru to 2015 work performed on nearby claims continued to yield good results with additional assays in the 1.250 oz/t range. There has been another bump in activity during 2004/06 with additional mining companies taking over some claims and actively testing the area. Almost 90 % of the area has now been re-staked and encircles our existing claims.**

### **WORK PERFORMED**

During the week of September 28 to October 02, 2015 we worked within claim 1173912 which is covered in this report. The following week we spend one final day (Oct 8<sup>th</sup>) on the adjoining claim 1173911 which is reflected in the rental invoice from Bruno's Contracting (Thunder Bay) Limited where we had deducted that amount from the total bill.

Our purpose was to re-visit trenches from several years ago and determine targets for expanded Pits for better sampling. Our new Exploration Permit allows us more aggressive sample taking. We utilized two backhoes: 1. A PC228 equipped with a pneumatic hammer and 2. A John Deere for clearing and the removal of overburden. The smaller backhoe put in longer days to complete preparation and clean-up work.

Many of the sites selected are tiered and allowed us to cut back into the rock for better samples instead of digging deeper holes.

Samples on an adjoining claim to the north (1173909) brought gold assays of up to 54.505 g/t had been found by tracking low level assays to better ground and that is what we will continue to do. We know the potential of the area but our previous work, which included the removal of surface soil and taking samples by channel cutting with a rock saw, was not sufficient (in this area) to give us representative gold values.



### DAILY LOG FOR THIS PROJECT

**Target rocks – The primary rock type in this area of the claim is Mafic with fine grains like a Basalt, but moves towards a Rhyolite with courser grains in some sections. In both cases we are looking for target rock similar to other gold bearing assays where there was an abundance of quartz infused in the rock or by way of small spider veins throughout. We are looking for larger forming Pyrite cubes within those samples. In some cases larger, “smoky” quartz veins were discovered.**

#### MONDAY SEPTEMBER 28, 2015

TERRY YAHN, BILL YAHN – (One truck/vehicle, one ATV, Rock Saw, rock hammers, safety vests and supplies, GPS, compass, pen flare with bear bangers)

LARGE PC228 BACKHOE WITH PNEUMATIC HAMMER – BRUNO'S CONTR.  
SMALLER JOHN DEERE BACKHOE – SCOTT TIMMINS

The plan on this day was to begin with Pit #505-912 which we believed would have an improved gold showing. It is located to the eastern side of the claim, not far from the northern claim line. Bush roads allowed good access. The small backhoe was used to open up the site and allow the larger backhoe access to hammer away layers of bedrock.

While the larger backhoe was working on Pit 505, the smaller backhoe was preparing Pit 506 which was 200 meters further east.

The small backhoe also dug one test pit near Pit 506 but filled it back in once the outcrop dropped off dramatically.

We supervised the work of each backhoe and viewed the exposed rock as we progressed. The backhoes moved between the two pits until they were completed.

**TUESDAY SEPTEMBER 29, 2015**

**TERRY YAHN, BILL YAHN – (One truck/vehicle, one ATV, Rock Saw, rock hammers, safety vests and supplies, GPS, compass, pen flare with bear bangers)**

**LARGE PC228 BACKHOE WITH PNEUMATIC HAMMER – BRUNO'S CONT.**

**SMALLER JOHN DEERE BACKHOE – SCOTT TIMMINS**

On this morning we moved operations to an old INCO site on this claim. Pit 509-912 was created. The area contained metamorphic rock which we believed would benefit from a better look. The site was laid out in a fashion that it allowed us to target each end of a continuous clearing. This allowed the backhoes to work together throughout the day. By having the backhoes in the same area one of us could traverse the property and line up the next site for Wednesday. Several sites were reviewed. Some were close to each other so we had to choose the most appropriate site.

**WEDNESDAY SEPTEMBER 30, 2015**

**TERRY YAHN, BILL YAHN – (One truck/vehicle, one ATV, Rock Saw, rock hammers, safety vests and supplies, GPS, compass, pen flare with bear bangers)**

**LARGE PC228 BACKHOE WITH PNEUMATIC HAMMER – BRUNO'S CONT.**

**SMALLER JOHN DEERE BACKHOE – SCOTT TIMMINS**

Two sites were chosen for work this day. The backhoes had to spend part of the morning finishing up Pit 509-912 from the previous day. Around noon we were able to start the large backhoe on Pit 510-912. The small backhoe used that time to do some additional clean-up work back at Pit 509-912 before moving closer to the large backhoe and began clearing Pit 511-912 which was 223 meters to the east. This allowed the backhoes to once again work together in opening up new ground for sampling.

We supervised the work of the backhoe, viewed and sampled rock.

**THURSDAY OCTOBER 01, 2015**

**TERRY YAHN, BILL YAHN – (One truck/vehicle, one ATV, Rock Saw, rock hammers, safety vests and supplies, GPS, compass, pen flare with bear bangers)**

**LARGE PC228 BACKHOE WITH PNEUMATIC HAMMER – BRUNO'S CONT.**

**SMALLER JOHN DEERE BACKHOE – SCOTT TIMMINS**

The large backhoe lost hydraulic pressure and a mechanic was sent out from Thunder Bay to repair it. As a result it was only used for 4.5 hours that afternoon. This allowed the small backhoe to catch up and prepare the site area for work on Friday.

This allowed us to visit the Pits worked on over the past few days to take samples for assaying.

**FRIDAY OCTOBER 02, 2015**

**TERRY YAHN, BILL YAHN – (One truck/vehicle, one ATV, Rock Saw, rock hammers, safety vests and supplies, GPS, compass, pen flare with bear bangers)**

**LARGE PC228 BACKHOE WITH PNEUMATIC HAMMER – BRUNO'S CONT.**

The small backhoe was not available this day but the operator had prepared the final test site the previous day. Pit 522-912 is west of 510-912 and close to the western edge of Claim 1173912. The large backhoe had to work harder at removing some the surplus rock from its working area.

We supervised the work of the backhoe at all times but continued to trade off as we sampled and mapped the other Pits.



**GPS CO-ORDINATES (NAD 83 DATUM USED)****UTM ZONE 16U**

<b>PIT #</b>	<b>TAG #</b>	<b>EASTING</b>	<b>NORTHING</b>
509	447224	0288427	5384789
509	447225	0288423	5384776
509	447226	0288423	5384776
510	447227	0288263	5383848
510	447228	0288263	5383848
511	447229	0288486	5383885
511	447230	0288486	5383885
506	447231	0289057	5384702
505	447232	0288863	5384772
505	447233	0288863	5384772
522	447234	0288000	5383834
522	447235	0288000	5383834



**Pit 505 - 912 - (2015) (picture taken)**

Located on Claim 1173912 this area is on the northeastern side of the claim. The work was done on the western side of a hillside which had outcropping. We removed a substantial amount of bedrock in order to expose several meters of rock.

The pit is approx. 6 meter from it top to its base, 6 meters wide at the top and 3 meters wide at the base. About 1 ½ meters of surface rock was removed to expose the rock. The rock contains a high quantity of pyrite cubes and quartz infused into the rock.

We took two samples (447232 and 447233) from the upper edge and lower ridge.

**Assay Tag 447232 (Picture taken)**

A full ICP ASSAY REPORT dated October 26, 2015 is attached

Gold (Au) less than 5 ppb

Aluminum (Al) 3.13 %

Calcium (Ca) 3.45 %

Iron (Fe) 10.33 %

Magnesium (Mg) 2.34 %

Manganese (Mn) 1169 ppm

Phosphorus (P) 871 ppm

Titanium (Ti) 5485 ppm

**Assay Tag 447233 (Picture taken)**

A full ICP ASSAY REPORT dated October 26, 2015 is attached

Gold (Au) Less than 5 ppb

Aluminum (Al) 2.10 %

Calcium (Ca) 3.71 %

Iron (Fe) 7.86 %

Magnesium (Mg) 1.67 %

Manganese (Mn) 809 ppm

Phosphorus (P) 884 ppm

Titanium (Ti) 3474 ppm

**Pit 506 – 912 - (2015) (picture taken)**

Located on Claim 1173912 this area is 200 meters east of 505-912 and is an outcrop along the access road but on the other side of the hill.

The pit area is 4 meters wide and 6 meters long. Approximately one meter of rock was removed for the purpose of sampling. There is outcrop showing to the east and north of the pit

We took one sample (#447231) from the ridge line created by the hammering of the pit. The rock is rhyolite with quartz veins and pyrite.

**Assay Tag 447231 (Picture taken)**

A full ICP ASSAY REPORT dated October 26, 2015 is attached

Gold (Au) Less than 5 ppb

Aluminum (Al) 2.96 %

Calcium (Ca) 5.32 %

Iron (Fe) 6.13 %

Magnesium (Mg) 2.60 %

Manganese (Mn) 915 ppm

Phosphorus (P) 382 ppm

Titanium (Ti) 2931 ppm

**Pit 509 – 912 - (2015) (picture taken)**

Located on Claim 1173912 this area was an old Inco test pit that had only been surface sampled. We believed that more extensive work should be done to open up the exposed rock in order to obtain more representative samples.

The pit is 100 meters east of the north/south access road.

The area drops off to the north. We worked both ends of the open area and created a deeper pit at each end. The lower area was opened up along a ridge of 6 meters wide (2 meters deep) and cleared back about 6 meters towards the upper open area where a pit of 3 meters by 4 meters was hammered down 1 ½ to 2 meters.

We took three samples (#447224, 225 and 226). The rock is metamorphic, ~~in fact~~ rock with an abundance of pyrite and infused with quartz and quartz veins. It further contained a yellow mineral in the quartz.

Assay Tag 447224 (Picture taken)

A full ICP ASSAY REPORT dated October 26, 2015 is attached

Gold (Au) 19 ppb

Aluminum (Al) 1.47 %

Calcium (Ca) 2.28 %

Iron (Fe) 2.68 %

Magnesium (Mg) .80 %

Manganese (Mn) 354 ppm

Phosphorus (P) 1242 ppm

Titanium (Ti) less than 100 ppm

Assay Tag 447225 (Picture taken)

A full ICP ASSAY REPORT dated October 26, 2015 is attached

Gold (Au) less than 5ppb

Aluminum (Al) 1.63 %

Calcium (Ca) 4.56 %

Iron (Fe) 2.76 %

Magnesium (Mg) .81 %

Manganese (Mn) 466 ppm

Phosphorus (P) 1160 ppm

Titanium (Ti) 180 ppm

Assay Tag 447226 (Picture taken)

A full ICP ASSAY REPORT dated October 26, 2015 is attached

Gold (Au) less than 5 ppb

Aluminum (Al) 1.64 %

**Calcium (Ca) 3.20 %**

**Iron (Fe) 3.04 %**

**Magnesium (Mg) 1.16 %**

**Manganese (Mn) 456 ppm**

**Phosphorus (P) 1356 ppm**

**Titanium (Ti) 306 ppm**

**Pit 510 - 912 - (2015) (picture taken)**

**This area contains pillow lava formations. At the center of the area where we began to hammer there was a purple/green staining at surface. From that point we dug down 2 meters and north about 6 meter in length and 4 meters wide. The pit began to fill with water at the 2 meter level.**

**We took two samples (#447227 and 447228). The rock was infused with quartz and contained quartz veins. Pyrite was present**

**Assay Tag 447227 (Picture taken)**

**A full ICP ASSAY REPORT dated October 26, 2015 is attached**

**Gold (Au) less than 5 ppb**

**Aluminum (Al) 2.24 %**

**Calcium (Ca) 10.00 %**

**Iron (Fe) 11.43 %**

**Magnesium (Mg) 1.02 %**

**Manganese (Mn) 1100 ppm**

**Phosphorus (P) 134 ppm**

**Titanium (Ti) 1815 ppm**



**Assay Tag 447228 (Picture taken)**

**A full ICP ASSAY REPORT dated October 26, 2015 is attached**

**Gold (Au) less than 5 ppb**

**Aluminum (Al) 2.73 %**

**Calcium (Ca) 9.90 %**

**Iron (Fe) 12.02 %**

**Magnesium (Mg) 1.14 %**

**Manganese (Mn) 1161 ppm**

**Phosphorus (P) 145 ppm**

**Titanium (Ti) 1990 ppm**

**Pit 511 - 912 - (2015) (picture taken)**

**This pit, when finished, had 3 meter back walls in the shape of a horse shoe. The walls reduced to approx. 1 meter below ground level. The bottom of the pit is 2.5 meters wide and 6 meters long from front to back. The rock type was rhyolite with pyrite and quartz veins throughout.**

**We took two samples (#447229 and 447230)**

**Assay Tag 447229 (Picture taken)**

**A full ICP ASSAY REPORT dated October 26, 2015 is attached**

**Gold (Au) 11 ppb**

**Aluminum (Al) 3.58 %**

**Calcium (Ca) greater than 10.00 %**

**Iron (Fe) 7.68 %**

**Magnesium (Mg) 2.04 %**

**Manganese (Mn) 1576 ppm**

**Phosphorus (P) 205 ppm**

**Titanium (Ti) 2318 ppm**

**Assay Tag 447230 (Picture taken)**

**A full ICP ASSAY REPORT dated October 26, 2015 is attached**

**Gold (Au) less than 5 ppb**

**Aluminum (Al) 4.04 %**

**Calcium (Ca) 8.05 %**

**Iron (Fe) 6.79 %**

**Magnesium (Mg) 1.47 %**

**Manganese (Mn) 1176 ppm**

**Phosphorus (P) 133 ppm**

**Titanium (Ti) 2785 ppm**

**Pit 522 - 912 - (2015) (picture taken)**

**Located within 100 meters of the common boundary of Claim 1173912 and 1173911, this pit is also on a pillow lava formation. We selected that western edge to clear as it drops off in tiers and allowed for better removal by the hammer. The finished pit with a 1 meter back wall, is approx. 10 meters long and 4 to 5 meters front to back.**

**We took two samples (#447234 and 235). The rock contains quartz veins and pyrite.**

**Assay Tag 447234 (Picture taken)**

**A full ICP ASSAY REPORT dated October 26, 2015 is attached**

**Gold (Au) less than 5 ppb**

**Aluminum (Al) 2.28 %**

**Calcium (Ca) 5.90 %**

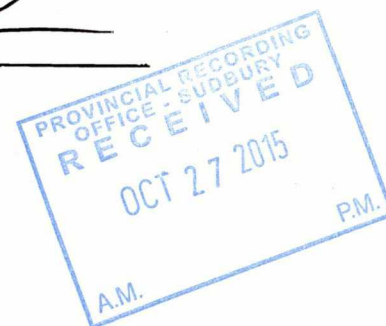
**Iron (Fe) 6.62 %**

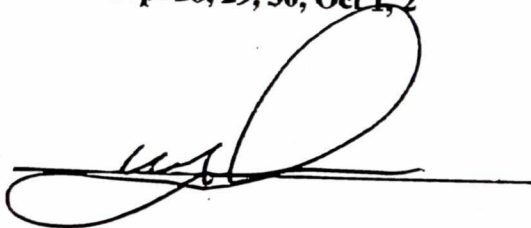
**Magnesium (Mg) 1.58 %**

**Manganese (Mn) 1020 ppm**

**Phosphorus (P) 260 ppm**

**Titanium (Ti) 4422 ppm**

**People and Days Worked****Sept / October 2015****Physical: Supervising, traversing, cleaning, sampling.****Terry Yahn****5 Sept 28, 29, 30, Oct 1, 2**  
\_\_\_\_\_**Bill Yahn****5 Sept 28, 29, 30, Oct 1, 2**  
\_\_\_\_\_**Total                      10 days.**

**People and Days Worked****Sept / October 2015****Physical: Supervising, traversing, cleaning, sampling.****Terry Yahn****5 Sept 28, 29, 30, Oct 1, 2****Bill Yahn****5 Sept 28, 29, 30, Oct 1, 2****Total                      10 days.**



### **SUMMARY AND CONCLUSIONS**

**We have already gone a long way in determining the potential for gold in the Shabaqua area. Zone formations from our primary claim (TB1173909) have developed a pattern which we will continue to expose and sample on all claims we hold in the area.**

**The work done in this report covers claim #TB1173912. Any reasonable assays in this area would go a long way in proving the commercial value of the entire area. However, our assay results on this occasion did not have a showing for Gold, which is our target mineral.**

**As a follow up to this work we will be doing similar work on the adjacent claim TB1173911. These areas both have similar mineral composition but none have yielded the high gold assay values found in our adjacent claim to the north.**

**We will continue to track and sample in this area as more and more ground is reached and assayed.**

**ATTACHMENTS**

<b>SCHEDULE 1</b>	<b>Gold Assay report from Accurassay Lab. Dated Oct 26<sup>th</sup>, 2015</b>
<b>SCHEDULE 2</b>	<b>Full ICP Assay report from Accurassay Lab. Dated Oct 26<sup>th</sup>, 2015</b>
<b>SCHEDULE 3</b>	<b>Invoice 125380 from Bruno's Contracting (Thunder Bay) Limited - PC228 Backhoe with Pneumatic hammer</b>
<b>SCHEDULE 4</b>	<b>Invoice 921751 from Scott Timmins - John Deere backhoe</b>
<b>SCHEDULE 5</b>	<b>Drawing of Pit #505-912 (2015)</b>
<b>SCHEDULE 6</b>	<b>Drawing of Pit #506-912 (2015)</b>
<b>SCHEDULE 7</b>	<b>Drawing of Pit #509-912 (2015)</b>
<b>SCHEDULE 8</b>	<b>Drawing of Pit #510-912 (2015)</b>
<b>SCHEDULE 9</b>	<b>Drawing of Pit #511-912 (2015)</b>
<b>SCHEDULE 10</b>	<b>Drawing of Pit #522-912 (2015)</b>
<b>SCHEDULE 11</b>	<b>Map showing contiguous claims for Gold Cache</b>
<b>SCHEDULE 12</b>	<b>Garmin MapSource showing location of Pits on Claim 1173912</b>

Received: 8074751124

Oct 27 2015 03:18pm

P024

10/27/2015 14:56 807-475-1124

MIMING RECORDERTBAY

PAGE 24/32



# Bruno's Contracting

General Contractors

(Thunder Bay) Limited

SCHEDULE #3

665 Hewitson Street  
Thunder Bay, ON P7B 5V5

Phone: (807) 623-1855

Fax: (807) 623-0360

Invoice Number : 581050  
Invoice Date : 10/15/2015  
Customer Number : GOCA01  
Job Number : A0152  
Due Date : 11/14/2015

GOLD CACHE INC.  
C/O TERRY YAHN  
225 UNIVERSITY AVE  
THUNDER BAY, ON P7C 2Z3

2015/2016 MISC JOBS

Description	Qty.	UOM	Unit Price	Total
SHABAGUA FLOAT & BACKHOE RENTAL				
09/28/2015 HOURLY TRACTOR AND FLOAT RENTAL	3.00	HR	142.0000	426.00
09/28/2015 OPERATOR TRAVEL TO & FROM JOB	2.00	hr	75.0000	150.00
09/28/2015 PC228 & HAMMER	7.00	hr	287.0000	2,009.00
09/29/2015 OPERATOR TRAVEL TO & FROM JOB	2.00	hr	75.0000	150.00
09/29/2015 PC228 & HAMMER	7.00	hrs	287.0000	2,009.00
09/30/2015 OPERATOR TRAVEL TO & FROM JOB	2.00	hrs	75.0000	150.00
09/30/2015 PC228 & HAMMER	6.50	hrs	287.0000	1,865.50
10/01/2015 OPERATOR TRAVEL TO & FROM JOB	2.00	hrs	75.0000	150.00
10/01/2015 PC228 & HAMMER	4.50	hrs	287.0000	1,291.50
10/02/2015 OPERATOR TRAVEL TO & FROM JOB	2.00	hrs	75.0000	150.00
10/02/2015 PC228 & HAMMER	7.00	hrs	287.0000	2,009.00
10/08/2015 OPERATOR TRAVEL TO & FROM JOB	2.00	hrs	75.0000	150.00
10/08/2015 PC228 & HAMMER	6.50	hrs	287.0000	1,865.50
10/08/2015 HOURLY TRACTOR AND FLOAT RENTAL	3.50	HR	142.0000	497.00

SUBTOTAL:

H.S.T.:

HST

10,857.00 12,872.50  
1411.41 1,673.43

# 2,268.41

## INVOICE

125380

INTEREST CHARGED AT 2% PER MONTH ON OVERDUE ACCOUNTS

G.S.T. NO: R100674498



SCHEDULE #4

PT, WO

©Bluebird, 2011

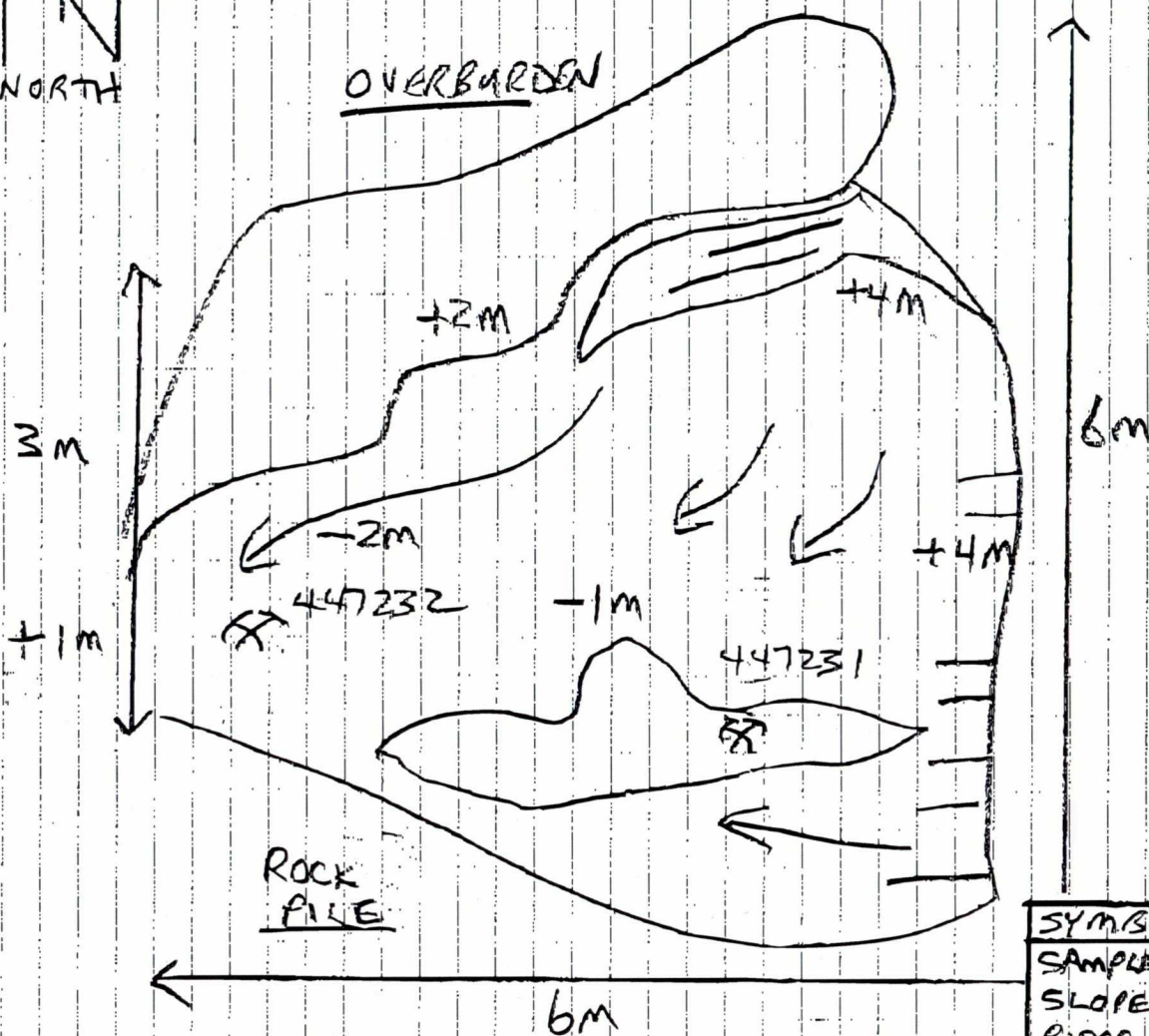


SCHEDULE #5

CLAIM TB 1173912

UTM LOCATION 164 0288863E 5384772N  
(NAD 83)TO POST 1  
METERS 607  
BEARING 77°

PIT #505-912(2015)

OVERBURDEN

## SYMBOLS

SAMPLE X  
SLOPE 3  
RIDGE III  
WATER ~~~~~  
OUTCROP (X)  
ELEVATION +

-3 -2 -1 0 1 2 3

2cm = 1 METER

SCHEDULE

#6

CLAIM TB 117391.2

UTM LOCATION 16U 0289057E 5384702N  
(NAD 83)TO POST 1  
METERS 443  
BEARING 63°

PT #506-912(2015)



6m

OVERBURDEN

ROCK  
PILEROCK  
PILE

-1/2m

-1m

±0m

447231

4m

BUSH  
ROAD

BUSH ROAD

## SYMBOLS

SAMPLE	SP
SLOPE	SW
RIDGE	W
WATER	W
OUTCROP	OC
ELEVATION	±m

-3 -2 -1 0 1 2 3

2cm = 1m



SCHEDULE #7

CLAM TB 1173912

UTM LOCATION 16U 0288423 E 5384776 N MAD 83

PT #509-912 (2015)

TO POST 4  
METERS 574  
BEARING 292°

6m

TREE  
LINE

447224

-2m

6m

BASE

CREEK

ROCK  
PILEROCK  
PILE  
3m

447226

-2m

BASE

447225

-1m

BEDROCK

SYMBOLS	
SAMPLE	AS
SLOPE	7M
RIDGE	\\
WATER	~
OUTCROP	OC
ELEVATION	IM

-4 -3 -2 -1 0 1 2 3 4

1.5 cm = 1 m

SCHEDULE

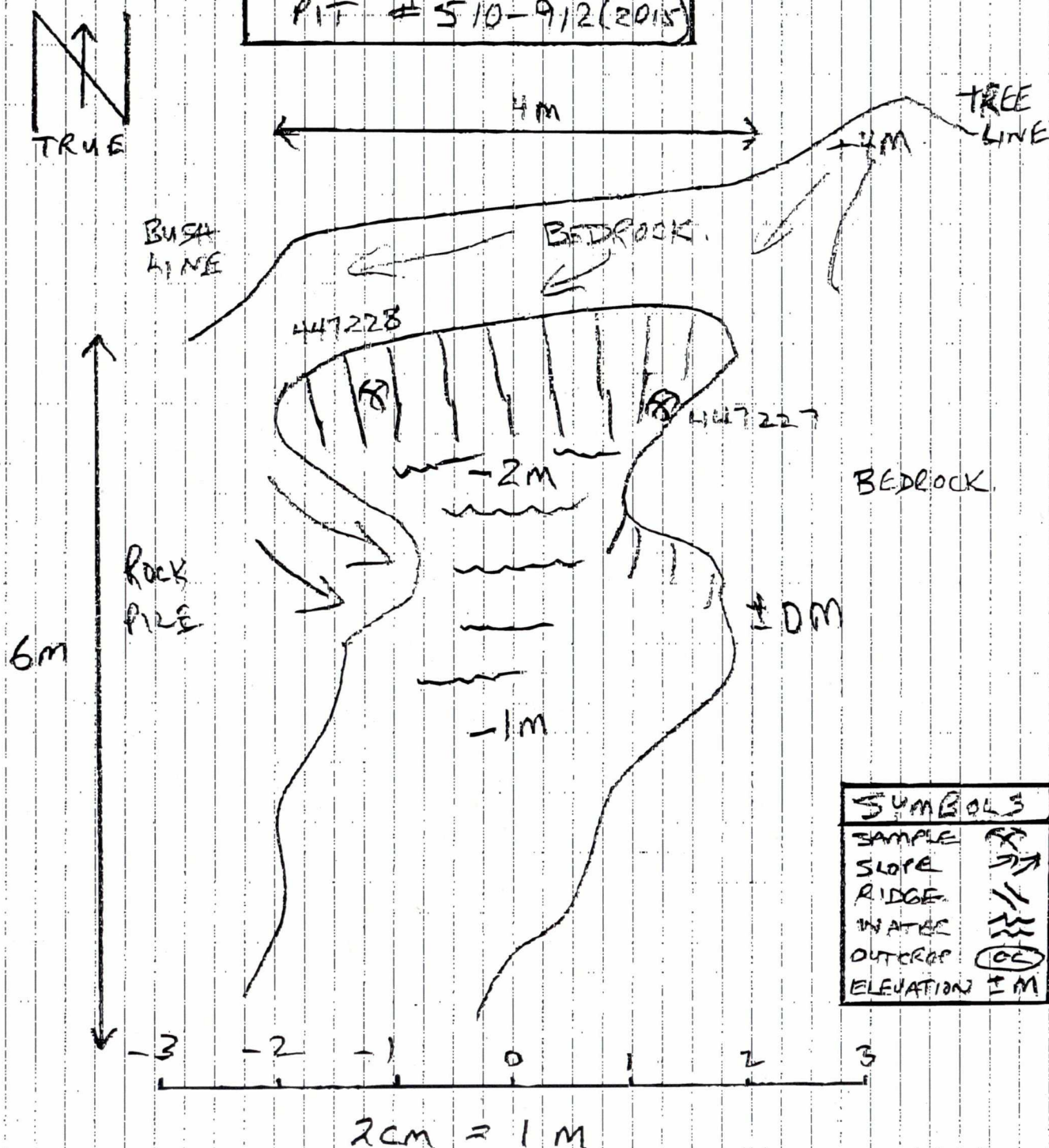
#8

CLAIM TS 1173912

UTM LOCATION 164 0288263E 5383848N NAD 83

TO POST 3  
METERS 718  
BEARING 211°

PIT # 510-912(2015)





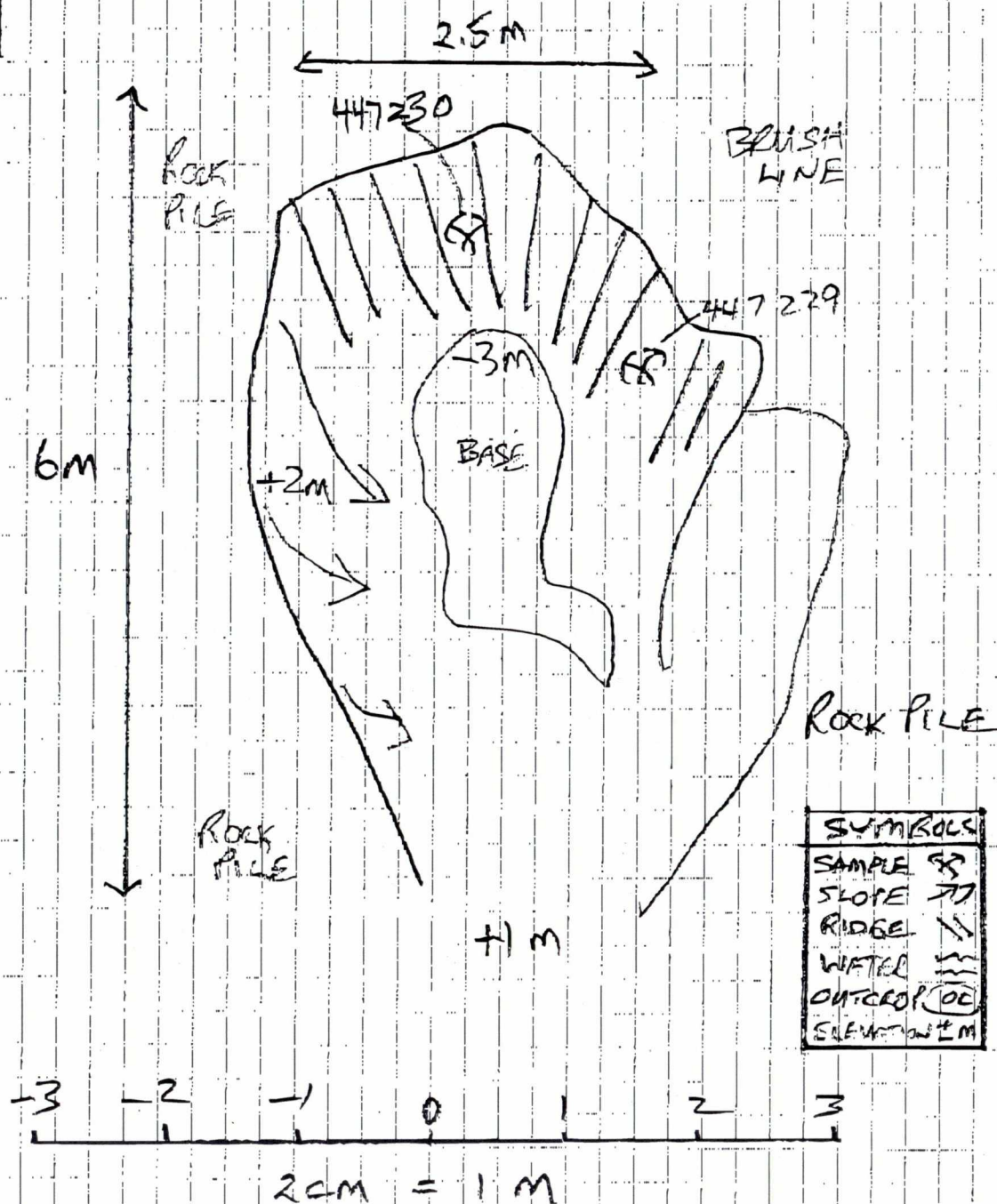
SCHEDULE #9

CLAIM TB 1173912

UTM LOCATION 16U 0288486E 5383885N NAD 83

TO POST 3  
METERS 887  
BEARING 222

PT # 511-912 (2015)



SCHEDULE

#10

CLAIM TB 1173912

UTM LOCATION 16U 0288000E 5383834N MAD 83

TO POST 3  
METERS 60'  
BEARINGS 191

PT # 522-912(2015)



10m

10m

RACE

-3M

447234

QUARTZ

+1M

BEDROCK

-1M

447235

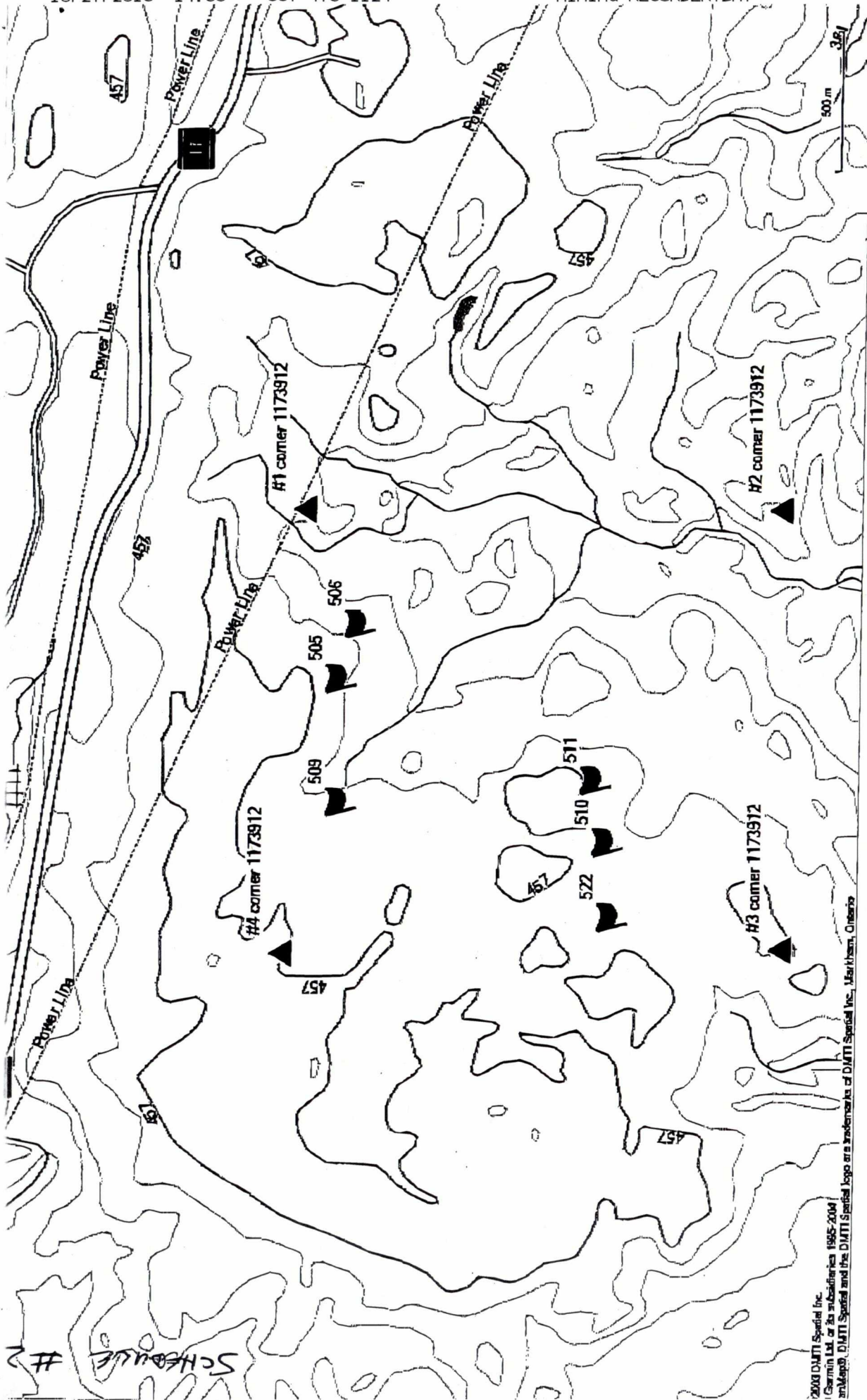
## SYMBOLS

SAMPLE	FR
SLOPE	///
RIDGE	\\
WATER	~
OUTCROP	CC
ELEVATION	W-F

Rock  
Pile

2cm = 1m





**People and Days Worked****Assay Tag 447235 (Picture taken)**

**A full ICP ASSAY REPORT dated October 26, 2015 is attached**

**Gold (Au) less than 5 ppb**

**Aluminum (Al) 2.61 %**

**Calcium (Ca) 6.71 %**

**Iron (Fe) 6.73 %**

**Magnesium (Mg) 1.51 %**

**Manganese (Mn) 1162 ppm**

**Phosphorus (P) 214 ppm**

**Titanium (Ti) 3967 ppm**