

GM 43517

PROGRAM OF REVERSE CIRCULATION DRILLING, WINCHESTER LAKE GOLD PROPERTY

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SUMMARY

A 61 hole program of reverse circulation drilling has been completed on the Winchester lake gold property of Golden Tiger Mining Exploration Co., Inc. in the Chapais-Chibougamau area of northwestern Québec.

Twenty-seven of the holes contained one or more gold grains. A total of 44 abraded, 15 irregular and 1 delicate grain was observed during sample processing. Analytical values in heavy mineral concentrates ranged up to 14,890 ppb Au (approximately 0.43 oz per ton, hole 36).

It is concluded that the above results are very encouraging in an exploration context and that there are 3 areas ("A", "B", "C") which may be within significant gold dispersion trains. The bedrock gold sources in all 3 cases are likely on the present Golden Tiger property. There are untested and/or partially tested INPUT conductive zones up-ice from all three of these priority target areas.

It is recommended that further work be carried out on the above three anomalous zones. This should take form of data compilation followed by further reverse circulation drilling to (a) determine if a significant train is in fact present and (b) attempt to define the source area. Initial cost of this work is estimated at \$150,000-\$175,000.

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1.0 INTRODUCTION

Increasing use is being made of the reverse circulation or overburden drilling method as an effective exploration technique in areas of extensive glacial cover. The method, for example, is being widely used and with notable success in the Casa Berardi area of northwestern Québec (e.g. INCO-Golden Knight).

It is the purpose of this report to present the results of a 61 hole reverse circulation program completed on the Winchester Lake gold property of Golden Tiger Mining Exploration Company Inc. during December of 1985.

The exploration program is described including a description of the reverse circulation method, results are presented and recommendations are made to further evaluate the gold potential of the property, all in a context of the geology and mineral deposits of the Chibougamau-Chapais region.

2.0 LOCATION AND ACCESS

The project area is situated approximately 55 km southwest of the town of Chibougamau and 35 km southeast of Chapais, per the location map inset on Map 1 at rear. Access to the property is by a main logging road ("Barrette Road") from the Chapais-Chibougamau highway. A network of minor logging roads which were re-opened and maintained for the project provided very convenient access to virtually all parts of the property.

The drill crew and MPH geologist and sampler stayed at the motel at Lac Caché between Chapais and Chibougamau. Travel time to the job site was approximately 1 hour by 4-wheel drive from Lac Caché.

3.0 OPERATIONS

Sixty-one reverse circulation drill holes totalling approximately 1,944 ft were completed at 55 drill sites in the period from December 6 to 20, 1985.

The holes were spotted at approximately 200 m intervals down-ice from airborne EM (INPUT) and geological features of interest. Drilling was carried out mainly along the south, i.e. down-ice, edge of the property areas.

The drill contractor was Heath and Sherwood Ltd. of Kirkland Lake, Ontario who supplied an Acker dual-tube reverse circulation drill mounted on an FN-160 Nodwell tracked carrier along with a skid-mounted water tank pulled by a small tractor and a drill crew. The drill crew consisted of a drill operator or "runner", a runner's helper and a water-hauler to provide water for the drilling operation.

The following MPH Consulting Limited personnel were involved with the project.

Project consultant	- W.E. Brereton, P. Eng.
Geologist	- David Meyer, B.Sc.
Sampler	- Paul Rollinson, B.Sc.

Suzanne Otis, Golden Tiger's geologist in the region, provided every assistance during the course of the program.

Overburden samples collected during the drilling were sent by bus to the laboratory of Overburden Drilling Management Ltd. in Ottawa for heavy minerals processing. Resulting heavy mineral concentrates were then sent to Bondar-Clegg & Co. Ltd. for Cu, Zn, Au, Ag, As analyses.

bits was used for an average of 162 ft of drilling per bit indicating average ground conditions.

Other field programs consisting of various ground geophysical surveys and limited diamond drilling have been completed on the property as of this date. Results of this work have been presented to Golden Tiger by various other authors.

4.0 THE REVERSE CIRCULATION DRILLING METHOD

4.1 General

Overburden or reverse circulation drilling consists of drilling through the overburden section with dual-tube rods and a tricone bit using a water-air mixture as drill fluid. The resultant slurry is visually monitored, collected, sampled and then processed to obtain a heavy minerals concentrate. This concentrate is then analysed optically and geochemically to detect ore or indicator particles.

The method is based on the principle that there are dispersion trains created in till during glacial over-riding which can be detected and followed back up-ice to the source area. The use of heavy mineral concentrates greatly enhances anomalous metals concentrations making the method extremely sensitive to distant deposits.

One of the most important applications of the method is in the detailed follow-up to airborne and/or ground geophysical surveys.

4.2 Glacial Sediments and Dispersion Trains

Approximately 97% of Canada's land surface was glaciated during the Quaternary. Figures 1 and 2 summarize the environments of glacial deposition, the types of glacial sediments and associated land forms.

Lodgement till is the most favourable drift exploration medium because in general, the source of clasts in the till will be directly up-ice. In till, the concentration of ore clasts shows a sharp peak at or near the source followed up a rapid then gradual, i.e. approximately exponential, decline in the down-ice direction. The size, shape and continuity (and therefore detectability) of a dispersion train will depend on many factors. These include size and composition of source, bedrock topography, vigour of glacial

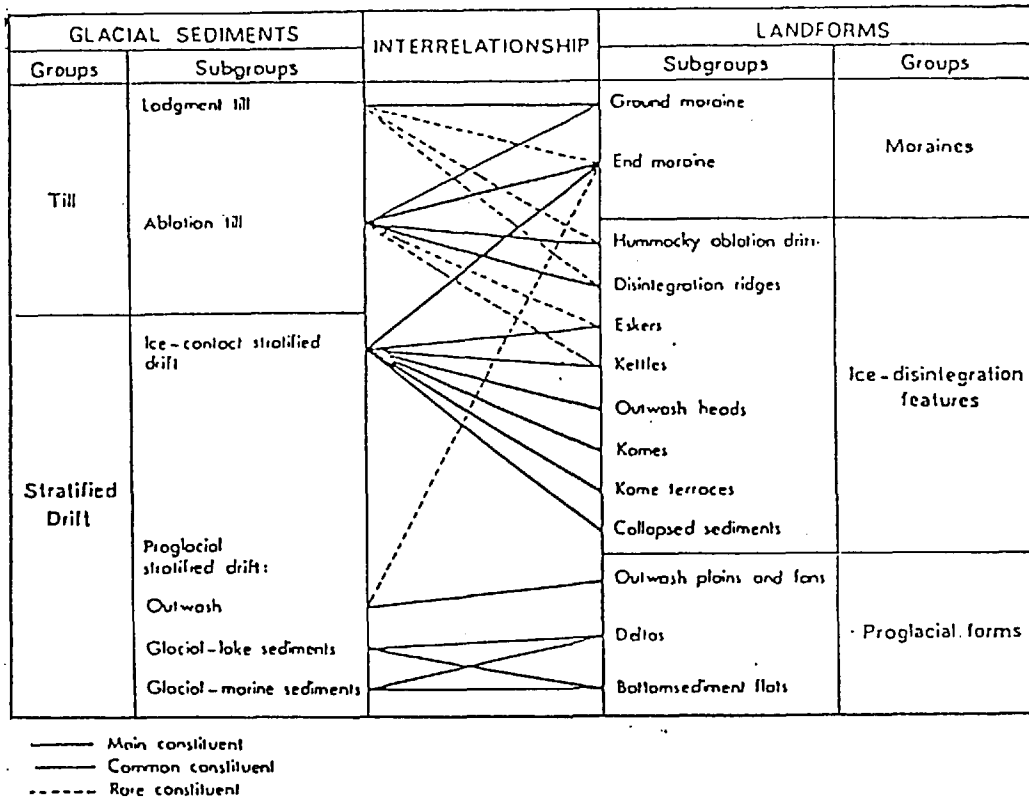


Figure 1: Relationship between glacial sediments and land forms.

quarrying and abrasion, etc. Boulders closest to source will be larger and more angular. Down-ice comminution leads to a decrease in average clast size and increase in sphericity.

There is a recognizable indicator train almost 10 miles long down-ice from the George Lake Zn deposit in northern Saskatchewan. In the Noranda area, anomalous Cu-Zn values have been recorded in till up to 1.5 km down-ice from the Horne deposit while geochemical anomalies in till are restricted to within 1,000 ft. of the nearby West Macdonald low grade Zn deposit. A dispersion train appears to extend for over 6 miles down-ice from the Kidd Creek Mine near Timmins based on a 1970-71 G.S.C. overburden drilling program. The above program also showed that the separation between anomalous lenses in till and bedrock increases down-ice from the Kam-Kotia deposit near Timmins. This is interpreted as representing relict shear planes in the glacier.

In gold exploration, dispersion trains seem to be most easily detectable at distances of 1 km or less from source. In some cases, down-ice dispersion may be very limited. At the Golden Pond deposit, for example, the recognizable gold train seems to be no more than 200 m long. Trains may also be very narrow, 200 m or less in some cases, and have a distinct pencil-like form, e.g. Dome Mine near Timmins. An example of the effect of bedrock topography on down-ice dispersion is to be seen at the Golden Hope Estrades deposit. Here, a bedrock ridge immediately down-ice from the deposit has completely precluded the formation of any significant dispersion fans.

When in close proximity to the source, anomalous values are concentrated in the basal part of the till sheet so that this area of the overburden column is of prime importance during sampling. Spectacular sulphide concentrations may occur down-ice from a sulphide deposit. In such cases, it is not necessary to await geochemical

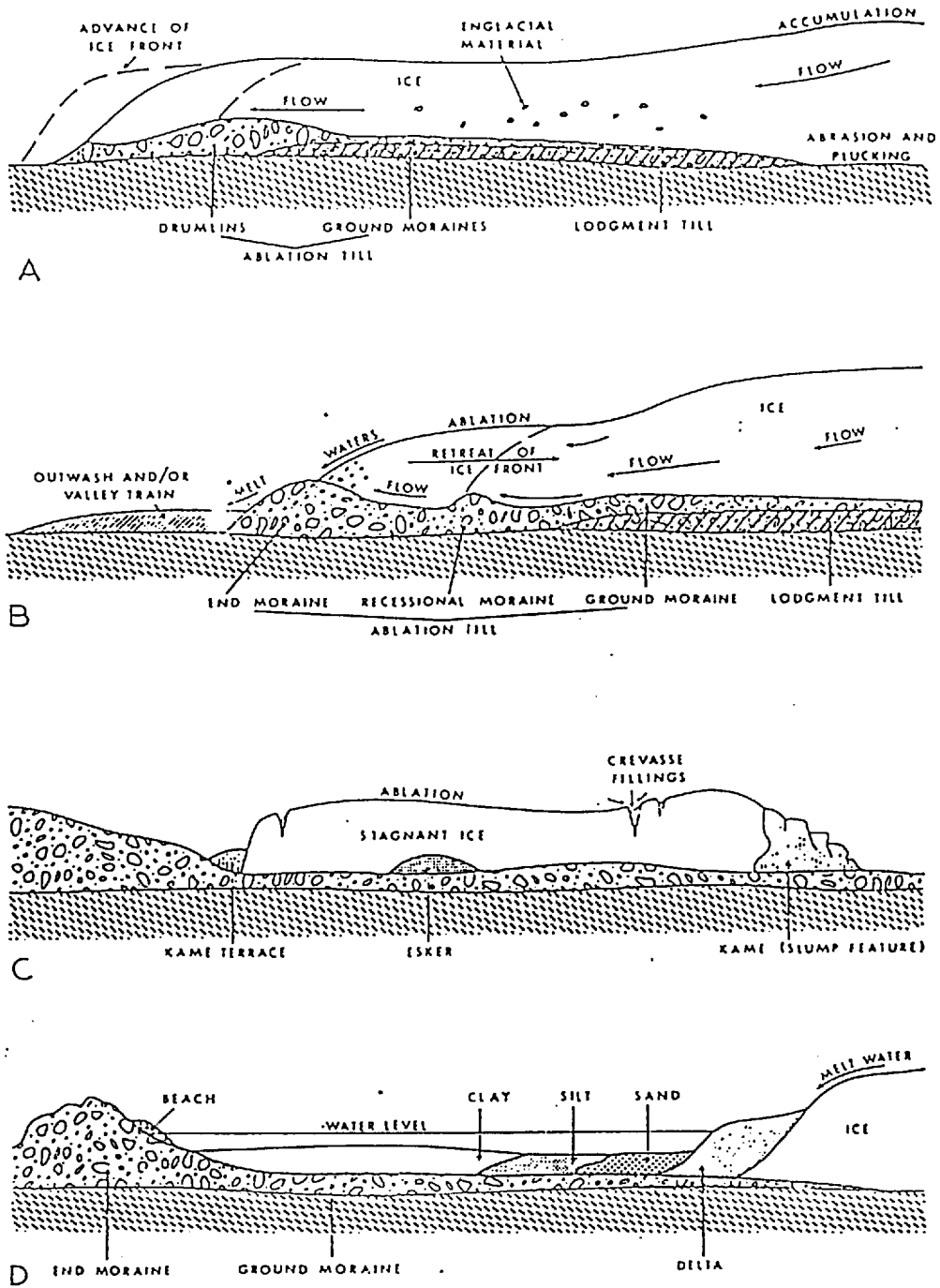


Figure 2: Glacial sediment and landform deposition relative to ice front.

analyses. Additional overburden drilling can progress directly on the visual results.

The stratified varieties of drift, i.e. bedded gravels, sands, silts and clays, are a less favourable sampling medium because the fluvial re-working inherent in their formation may make it difficult or impossible to identify the bedrock source area. Placer-like concentrations, in which normal background values are upgraded, may develop during the meltwater re-working of glacial debris. This can produce spurious anomalies in an overburden drilling program. This effect, however, has been used to advantage in esker sampling.

Varved lake clays representing rock flour washed out of glacial drift and deposited in proglacial lakes are virtually useless in minerals exploration (to date) and are not sampled during the drilling process. Analyses on varved clays over the Kidd Creek and South Bay polymetallic massive sulphide orebodies, for example, show no signs of the underlying mineralization.

During drilling, the clays serve the useful purpose of sealing the hole resulting in good sample return. Also, sulphide minerals survive well in the reducing environment beneath the clay cap. Oxidation and leaching of sulphides can be a problem in some exposed tills.

4.3 Drilling and Sampling

The reverse circulation method uses an approximately 3 inch O.D. dual-tube drill pipe. The drill fluid consisting of water and air is pumped down between the inner and outer tubes, past the drill bit and back up the inner tube with the cuttings which are then collected and sampled. The return water overflows the sampling tub and is collected in the underlying tank. This water may then be re-used as drilling fluid, i.e. "reverse circulation", or water may be pumped or hauled from some external source.

The drill and accessory equipment such as pumps and compressors weighs about 20 tons and is mounted either on the back of a large tracked carrier such as a Nodwell or on skids so that it can be towed from drill site to drill site by a medium-sized tractor. A permanent or removable drillshack erected around the drill protects drillers and geologists from the elements and allows for year-round operation (24 hours per day if desired).

Figure 3 illustrates the drilling-sampling procedure.

Three drillers are normally required to carry out the drilling, haul water if necessary, make roads, repairs, etc. A geologist and an assistant are also present. The geologist logs the overburden section by "feeling" the return and monitoring the material collecting in a 10 mesh screen. The helper bags sampler and generally assists the geologist.

Although it will emerge in the geochemical results in any event, the visual monitoring is very important since the recognition of an ore clast during the drilling allows the geologist to modify/extend the program while the drill is in the immediate area.

The return is normally sampled at 5 ft intervals or at major sedimentological boundaries. The +10 mesh material is discarded after inspection during the drilling as is the return from most boulders. An overburden hole is usually continued 2-5 ft into bedrock to ensure that the bit is not in a boulder. A five foot run normally yields about 15 lbs (6.8 kg) of -10 mesh material.

4.4 Sample Processing and the Heavy Minerals Concentrate

At the processing laboratory in Ottawa, the field samples are first wet screened at 10 mesh. The -10 mesh material is then passed across a Deister shaking table to produce a heavy minerals pre-concentrate. Any grains of native gold present in the samples will

OVERBURDEN DRILLING - SCHEMATIC

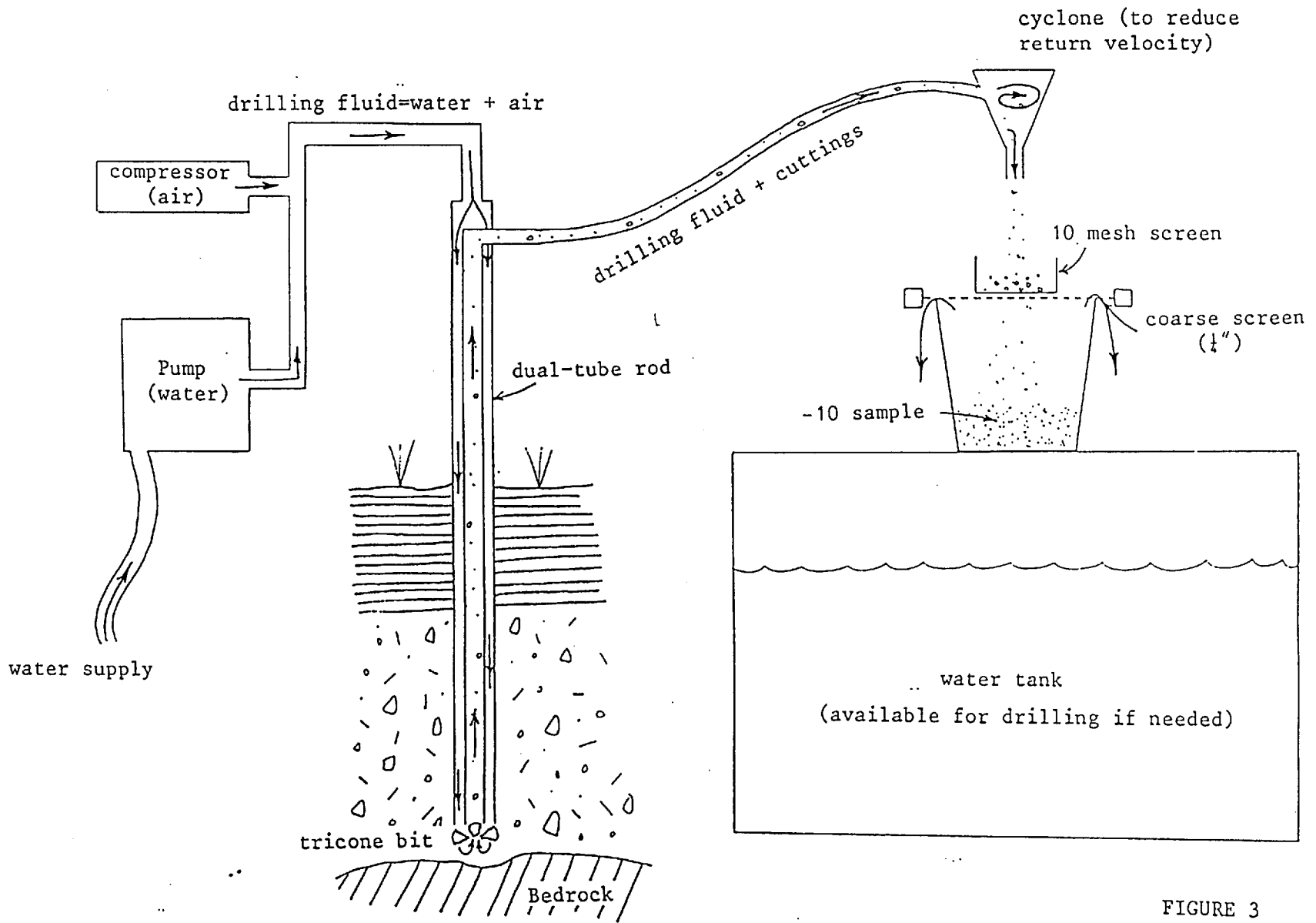


FIGURE 3

be seen on the table and recorded by the laboratory technician during this operation. Samples containing gold grains are subjected to a careful panning operation in which the gold grains are isolated for microscopic inspection, measurement and micro-photography if desired.

Overburden Management generally classify gold grains as to abraded, irregular or delicate. These shapes are felt to be generally indicative of transport distance with delicate grains being closest to source, perhaps a few tens of metres, with heavily abraded grains having travelled much longer distances on the order of a kilometer or more.

The table preconcentrates are passed through a heavy media (methylene iodide; S.G. = 3.3) to effect the true heavy minerals separation. This will contain mainly the common sulphides, free gold, magnetite, garnet and epidote. The magnetic fraction is then removed. A 3/4 split is sent for geochemical analysis with a 1/4 split retained for reference purposes.

Individual grains can be further subjected to Scanning Electron Microscope or microprobe work to determine the presence of trace elements (which may "fingerprint" a source area), morphological features such as folding of grains, re-crystallization, etc. The value of the microscope was amply demonstrated in one instance around Timmins where some highly anomalous Cu values were shown with the microscope to be due to copper filings from O-rings on a water pump and not copper mineralization. This sort of contamination has been virtually eliminated in overburden drilling work. Also, heavy mineral concentrates can be lamped with ultraviolet or examined by a scintillometer in the case of uranium exploration.

Concentration ratios for the "heavies" vary between 100:1 to 200:1. This concentration greatly enhances anomalous metal values making

the method extremely sensitive. For example, if Cu background in till was 100 ppm, the addition of a few grains of chalcopyrite constituting another 100 ppm Cu to the sample would only double the standard -80 mesh anomaly but would produce a huge heavy minerals anomaly of 10,000 to 20,000 ppm because of the concentration ratio.

Occasionally, the "lights" are of interest as in exploration for asbestos or the common lithium-beryllium minerals. Appropriate heavy media can be used to isolate specific gravity ranges of interest.

4.5 Applications

There are applications on both the regional and detail scale. Regional work involves wider hole spacings, up to 1 km or more. Such large step-outs are allowed by the high sensitivity of the method. The usual purpose of regional work is to intersect an indicator train which can then be traced back up-ice and the probable source area explored by detailed overburden drilling, geophysics and diamond drilling.

A very important use of the method is in follow-up to airborne and/or ground geophysical surveys to assist diamond drilling in anomaly evaluation. In this way all or most of the anomalies located during a survey can be evaluated, not only those with the highest geophysical rating. The overburden drilling approach is also very useful in evaluating long, formational anomalies.

A standard approach in the case of EM conductors is to drill a string of holes immediately down-ice from the conductive zone with a hole spacing of 100 to 300 m. This results in a reading on the entire conductive zone. This is particularly desirable since the actual economic deposit may not be part of the main conductor or may be a less conductive part off or beside same. In addition, it is

common practice to drill an overburden hole(s) directly into the conductor.

Another detailed application is to further explore a property where a favourable contact or small deposit is known from previous work.

The bedrock information is also very important for lithologic correlation and rock geochemistry. Also, there have been instances of direct ore intersections during overburden drilling (Asarco gold deposit, Timmins, Ontario).

5.0 GEOLOGY

5.1 General Bedrock Geology

The Chibougamau area comprises the eastern portion of the Matagami-Chibougamau greenstone segment at the eastern extremity of the Abitibi Belt. It is bounded to the north and south by granitic and gneissic Archean terranes and to the east by the Grenville Front.

The Archean rocks of the area consist of the Roy Group, comprising two mafic to felsic volcanic cycles, intruded by many differentiated gabbro sills of coeval and comagmatic origin overlain by the Opemisca Group sedimentary-volcanic sequence.

The rocks of these two groups have been folded about north-south axes and re-folded isoclinally about east-trending axes. Metamorphism is generally of greenschist facies.

Gold deposits in the immediate area are principally of the lode-gold variety, i.e. the Chibex deposit (gold in shear zones in a mafic intrusive and surrounding volcanic and sedimentary rocks). The Chibougamau camp is a Cu-Au deposit area with a number of different but generally structurally-controlled, lode deposit types present. Volcanogenic massive sulphide deposits (the Lemoine Mine and Scott township prospect) occur in the Waconichi Formation of the Roy Group in the general area.

Discovery of the Estrades Au-Zn-Cu-Ag deposit and Golden Pond Au deposits in the Casa Berardi area to the west are both associated with airborne EM (INPUT) zones and suggest that such geophysical indications should be carefully examined in the course of any gold exploration program. There is abundant INPUT conductivity on the Golden Tiger property.

5.2 Property Geology

The Winchester Lake property is located within sedimentary and volcanic rocks of the Roy Group. The rocks underlying the claims are indicated to comprise mainly intermediate to felsic volcanics with interbedded graphitic and sulphidic sediments, the latter reflected by zones of EM conductivity.

The reverse circulation drill holes intersected mainly sheared and altered intermediate, often tuffaceous volcanics (Map 1).

Note that the Chibex deposit, 15 km to the east, is in rocks grossly stratigraphically equivalent to those underlying the Golden Tiger property.

There are several gold showings indicated on Quebec government maps in the immediate property area (Map 1).

5.3 Glacial Geology

Large scale glacial lineations in the property area are consistent with a latest movement of ice in a southwesterly direction during the most recent or Wisconsinan glacial advance in the region. This ice movement of the so-called New Québec Lobe is believed to have originated from the New Québec ice divide in the Caniapiscau region. Along with the larger scale flutings very obvious on air photographs, small scale glacial erosional features also indicate a northeast to southwest direction of movement, including asymmetric rock knobs, the lee sides of which are generally steep and irregular with the stoss or up-ice side being intensely striated.

Some other evidence is provided for a pre-early Wisconsinan ice movement in a southeast direction in this area although the lack of recorded Paleozoic (carbonate) erratics would necessitate an outflow centre east of the Paleozoic subcrop areas of James Bay for this advance, should it have taken place.

The present property is mantled by a generally well developed till veneer comprising both lodgement and overlying ablationary and melt-out facies with areas of silty to sandy to gravelly material which we feel represents re-worked till material rather than true glacio-fluvial outwash. Outcrop knobs locally project through the till cover.

6.0 REVERSE CIRCULATION RESULTS

6.1 Glacial Deposits

Most of the overburden holes penetrated a relatively simple glacial stratigraphy consisting of an upper, ablation till unit overlying a lower, probably lodgement till facies. The lower or lodgement tills are best preserved in bedrock hollows and depressions. They have either not been deposited or have been eroded off/washed off topographically higher areas.

The upper or ablation material typically possesses a very sandy to gravelly aspect and has clearly undergone some fluvial re-working prior to and during deposition. We view this sort of material as having been variably let down from and washed out of wasting glacier ice during glacial retreat.

Hole 01, for example, illustrates very well some of the above relationships with an upper gravelly unit (ablation material) overlying a good lower clay-rich lodgement till. The main difference between the two units is the absence of matrix clay in the upper gravelly material. Other than that, the two units are compositively similar in terms of their clast content. We view the upper material, then, as a variably re-worked facies of the lower and generally as an equally effective sampling medium.

Some areas of fine sandy material, i.e. hole 09, we interpret to represent fines which have been washed out of nearby ablation material. Such fines appear to have filled local pockets and depressions on what would be a somewhat hummocky till surface. This sort of material as encountered in hole 09 is of little value in overburden sampling. Fortunately relatively little of this was encountered.

Better developed deposits of outwash sands and gravels of crude esker-like disposition were encountered along the main road in the vicinity of holes 43 to 46 and 47 to 50. This again represents original glacially-entrained ablationary material which has been extensively washed and sorted by glacial streams during ice wastage. Such deposits can be difficult to deal with in overburden sampling since it may be very difficult to identify source areas for any anomalous indications given the fluvial history of the material.

Detailed logs for the drill holes are presented as Appendix 1. Hole locations and summary graphic logs with lithostratigraphic interpretation are presented on Map 1 at rear.

6.2 Sample Processing

A total of 60 grains of visible gold was detected from 27 holes during the tabling and subsequent panning process. Forty-four of these were described as "abraded", 15 as "irregular" and 1 as "delicate" (Table 1).

The distribution of these gold grains is indicated on Map 1. The laboratory grain count reports showing grain size are presented in Appendix 2.

It should be noted the single abraded grain in sample 85-52-01 was relatively quite large (350 by 600 by 77 microns). An even larger grain was found in sample 85-38-03 (500 by 700 by 90 microns). The latter was accompanied by two smaller grains.

Sample 02/03 from hole GTO-85-50 contained 7 grains of gold. These grains are shown in Plate 1, following, with the largest grain being 150 by 300 microns in size. Photography was at 40 power.

Plate 1

Wahl

*Gold content in the
sample*

TABLE 1

HOLE # AND SAMPLE	Au PPB	GOLD GRAINS		
		ABBRADED	IRREGULAR	DELICATE
GTO-85-01-01	500	1		
-02	800	1		
-04	440	1		
-05	510		1	
02-01	1,510		1	
03-01	55		1	
06-01	55		1	
14-03	2,310		1	
14A-06	465	1		
-08	215	1		
15-01, 02	275	1		
-04	1,240	1		
18-01, 02	1,320	1		
26-01	670	2	2	1
27-03	1,880		1	
-04	1,640	1		
28-01, 02	2,820	1		
28A-05	175	1		
29-01, 02	1,435	1		
-03	585	1		
-05	320		1	
30-01, 02	610	1		
31-01, 02	12,820	1		
-03	1,140	2	2	
33-01, 02	370	1		
34-03, 04	170	1		
35A-03, 04	140	1		
-05, 06	300	1		
38-03	3,910	3		
42-01, 02	110	1		
42A-01, 02	10	3	1	
-07	760	1		
-08	570	1		
45-06, 07	480	3		
-09	15	1		
49-01	150	1		
50-01	260	1		
50-02, 03	700	7		
52-01	1,080		1	
GTO-85-54-01	160	4	2	
27		44	15	1

6.3 Analytical Results

6.3.1 Overburden Samples

The results of systematic Cu, Zn, Au, Ag, As analyses on all of the heavy mineral concentrates and bedrocks are presented as Appendix 3.

Any samples with obvious visible gold were analysed by the "pulp and metallics" method whereby the coarser fraction containing the gold grains were screened off (+150 mesh) and analysed separately. The results of this were then averaged with the fine fraction (-150 mesh) to give the true weighted average gold value ("Au Av") for that sample.

Copper values were generally in the 100-400 ppm range. The two highest values were 1,400 ppm Cu in sample 85-12-02 and 1,300 ppm in 85-16-03. There is no significant correlation with any other elements in the latter sample. The Cu-anomalous sample in hole 12 contains a corresponding As anomaly (308 ppm). Copper values in many holes did however show a systematic increase with increasing depth down the hole. In a general sense, copper background seems somewhat elevated in the property area.

Zinc values are generally low (less than 75 ppm) throughout. The most notable exception is sample 85-28A-03/04 with a distinctly anomalous value of 1,150 ppm. Again there is not significant correlation with other elements and the isolated high is not considered important in an exploration context.

Silver values are generally less than 1 ppm. Notably anomalous exceptions include sample 85-01-07 (9.0 ppm), sample 85-11-04 (4.5 ppm) and sample 85-14A-01/02 (4.4 ppm). Again, these higher values do not form any distinct pattern

100
1000
1.04%

and are not considered significant. It is worth noting however that all three occur in the east portion of the property.

Arsenic is recognized as a very important pathfinder element in many Abitibi gold deposits, e.g., Golden Pond. Arsenic values on the present property are generally non-anomalous. Anomalous exceptions include samples 02 and 03 in hole 12 (308 and 332 ppm respectively) and a distinctly anomalous value of 984 ppm in sample 02, hole 26.

All of the gold values have been plotted in histogram form in Figure 4.

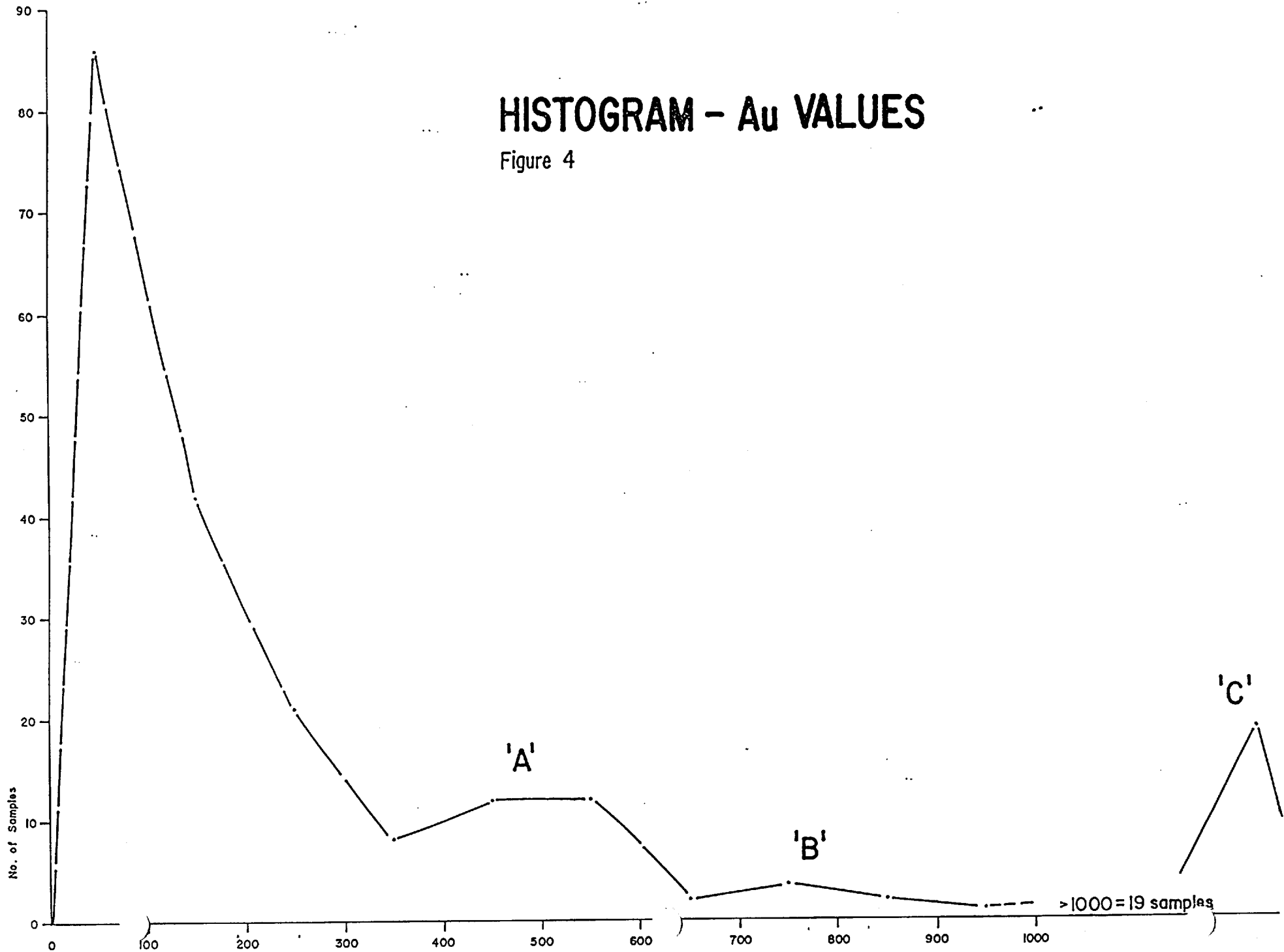
Based on this plot, it can be interpreted that anomalous gold threshold is in the area of 450-500 ppb Au; i.e. values greater than this may be considered significant in at least a statistical sense. There would appear to be a first or "A" anomalous gold population characterized by values in the 400 (high background?) to 600 ppb range. A second or "B" anomalous population is hinted at in the 750 ppb Au range. Values of greater than 1,000 ppb (19 samples-"C") are distinctly anomalous.

The highest gold value recorded was 14,890 ppb in sample 85-36-04.

It should be noted that virtually none of the anomalous gold values has correlation in any of the other elements. This would imply a gold-only source for the grains, i.e. gold-quartz (± pyrite) lode mineralization, rather than the massive sulphide-type mineralization i.e. Estrades deposit.

HISTOGRAM - Au VALUES

Figure 4



In terms of sulphides there is a good gold-pyrite correlation in sample 85-15-04 where an anomalous gold value of 1,540 ppb is present in a heavy minerals concentrate containing 35% pyrite. Another strong gold-pyrite correlation is in sample 85-50-02/03 which contained 7 gold grains and 30% pyrite. This may be indicative of a gold concentration within or near a large up-ice pyrite concentration.

6.3.2 Bedrock Samples

In a relative sense, bedrock from hole 25A returned the distinctly anomalous value of 300 ppb gold. Note that this hole is within exploration area "B" which is discussed in greater detail in a subsequent section.

Hole 47, which penetrated directly into pyritic-graphitic argillite bedrock returned a slightly elevated value of 85 ppb gold (with a 41 ppm As correlation).

.085 g/t

85-15-04-05-74
398 ppm AS

7.0 DISCUSSION OF RESULTS

With reference to Table 1, it is interesting that no gold was observed in sample 85-36-04 which returned the highest value of the entire program! Our interpretation of this is that there were a couple of grains of coarse gold in the sample which went undetected during the tabling process.

On the other hand, there are a couple of samples in which up to 3 gold grains were identified but only low gold analytical values were returned. The gold grains in such cases were small relative to large samples and may have partly remained in the $\frac{1}{2}$ reference split.

Both of the above, however, are isolated incidents and, in general, high analytical results coincide very well with visually identified gold grains.

The heavy mineral concentrates are generally quite large and have provided very good analytical data. There does not appear to be a single case of the "nugget effect" in which a large gold grain(s) in a very small sample gives rise to a misleadingly high gold value.

8.0 CONCLUSION AND RECOMMENDATIONS

We are of the opinion that the glacial tills on the Golden Tiger property are generally well developed and have provided a very good sampling medium. The overburden sampling has therefore provided a good "reading" on the up-ice bedrock stratigraphy. The only areas where the sampling may not have been particularly effective were along the road in the area of hole 04 and possibly in glacio-fluvial material around holes 43 to 46 and in the upper part of holes 47 to 48.

There was an encouraging amount of gold in the overburden samples as detected both visually and analytically.

Most of this was of the abraded variety and occurred very high up in the holes in many cases (i.e. holes 01, 18, and 28-33). This gold we would consider to have travelled a fairly long distance, possibly on the order of kilometers. In all cases however, it is possible that the gold was derived from the Golden Tiger property given the positioning of holes relative to property boundaries.

There are 3 areas which we consider to have significantly anomalous gold indications and which merit follow-up work to test whether or not they are within a significant gold dispersion fan. These are described as follows:

Area A: Encompassing holes 01 to 03, there are 6 gold grains here with values of up to 1,510 ppb Au. The indication, given the position of the gold generally high up in the holes and the abraded nature of most of the grains, is of long glacial transport. The Golden Tiger property extends for 2-3 km in the up-ice direction however and the gold source(s) may be on the present claims. Some INPUT conductivity in the Lac des Trois Iles area (Map 1) may be of interest in this regard. Pyritic boulders were cut in

both holes 01 (5% pyrite in concentrate) and 02 (15% pyrite in concentrate).

Area B: We consider this to be a very attractive, high priority target. Holes 26 to 31 in particular contain some 18 gold grains including several irregular and the only delicate grain observed in the entire program. Sample 85-26-01 we feel to be particularly significant with 5 gold grains. There are a number of INPUT zones directly up-ice from the anomalous holes which now warrant further scrutiny. Highly anomalous values, i.e. 14,890 ppb further to the west in hole 36, may be a reflection of additional gold mineralization along the same trend as above.

Area C: Again, holes 50, 52, 53 54, + 55 contain some distinctly anomalous gold indications. There are, for example, 7 grains of fine free gold in the lowermost sample in hole 50. Analytical values range up to 1,000 ppb plus. A swarm of INPUT conductors and immediately surrounding stratigraphy directly up-ice from the anomalous overburden holes are again obvious source areas. Note that hole 47 was successful in directly penetrating one of the INPUT conductors which was seen to be a graphite-pyrite argillite unit.

It is therefore recommended that further work be carried out on the Golden Tiger property in an attempt to find the bedrock source(s) of the gold mineralization encountered in the overburden holes in areas "A", "B" and "C".

A critical first stage in this work should be a thorough compilation and re-evaluation of all of the previous work which has been carried out to date including airborne and ground geophysics, geochemistry, geology and diamond drilling. Cost of this is estimated at \$5,000.

APPENDIX 1

Drill Logs.



OVERBURDEN DRILL LOG

Hole 11-35-01

Property/Area <u>Belted Hill, Sh. Lang. zone</u>	Date(s) <u>Dec 6, 1955</u>
Township <u>Rochester</u>	
Claim No. _____	Drilling Co. <u>Heath & Sherwood</u>
Location _____	Bit No. <u>CB-67672</u>
Logged by <u>P. J. ...</u>	Depth to bedrock <u>47'</u>
Sampler <u>Werner</u>	Total depth <u>43'</u>
	Sample screening <u>10 mesh</u>

Remarks _____

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
					Cu ppm	Zn ppm	Au ppb	Pb ppm
			01		48	17	500	
	10		02	0-25': Cobblely brecciated clock of int-mafic volcanics, gabbro, various granitics, minor Ssp pp.	90	16	300	
	5		03		195	110	70	
	20		04		135	50	440	
	25		05		125	55	250	
	30		06	25-47': Till, coarse cobbly - very similar to above section with addition of matrix clay.	155	58	110	
	10		07		260	63	50	
	40		08		155	53	140	
	45		09	35-35': dark mafic cobbles & granites	160	54	110	
	15		10		230	61	35	
	60		11	40-45': cobbles of greenish epidioric granite, clay-rich till @ 44				
	70							
	20			47-43': Bedrock light grayish-green sericitic felsic volcanics				
	80							
	25			Hole stopped @ 43' - till is present in matrix into bedrock.				
	90							

OVERBURDEN DRILL LOG

Hole 02

Property/Area _____	Date(s) _____
Township _____	_____
Claim No. _____	Drilling Co. _____
Location _____	Bit No. _____
Logged by _____	Depth to bedrock _____
Sampler _____	Total depth _____
Sample screening _____	
Remarks _____	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
					CU	Zn	AU	Ag
					PPM	PPM	PPB	PPM
	0-5	AA		HUMUS				
	5-20	AA	01	GRAVEL + COBBLES	175	25	1510	
		AA	02	ABUNDANCE OF GREY-BLACK INT-MAFIC VOLCS ± VARIOUS GRANITICS INCL. IRONITE VARIETY AS IN 01	270	48	80	
		AA	03	20-22.5 - ABOVE BECOMES A	250	73	110	
		AA	04	GOOD CLAY-BEARING TILL AFTER	335	76	190	
		AA	05	≈ 20'. GABBRO CLAST 22'.				
	22.5-24			BEDROCK				
				LIGHT GREENISH FN GR. HARD SCHISTOSE INT-FELSIC VOLC. V. SIMILLAR TO LITHOLOGY OF BEDROCK IN GTO-85-01				
				SLOW GOING IN BEDROCK				

OVERBURDEN DRILL LOG

Hole GTD 25-03

Property/Area <u>GOLDEN TREE / CHIBOUGANIAU</u>	Date(s) <u>DEC 7/86</u>
Township <u>RAVLES</u>	
Claim No. _____	Drilling Co. <u>HEATH & SONS</u>
Location _____	Bit No. <u>CB-67542</u>
Logged by <u>BRADY</u>	Depth to bedrock <u>12.5'</u>
Sampler <u>KEVER</u>	Total depth <u>14'</u>
Remarks _____	Sample screening _____

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	Pb
		AAA OO OO	01	0-2' HUMUS	ppm 145	ppm 30	ppm 55
		OO OO	02	2'-12.5' GRAVEL. COARSE. SOU. BERY. PREDOMINANTLY GREY.	120	34	450
		OO OO OO	03	GREEN VOLC. CLASTS.			
				NOTE: PY IN SILICEOUS ROCK FRAG. @ 3'			
				12.5-14' BEDROCK LIGHT GREEN-GREY INT. FELSIC VOLC. W/ MINOR. V. FINE FINE GRAINED PY.			
				14' END OF HOLE			

OK



OVERBURDEN DRILL LOG

Hole 04

Property/Area GOLDEN - SR CHABOT
 Township V. ABLES
 Claim No. _____
 Location _____
 Logged by D. MEYER
 Sampler P. JOHNSON

Date(s) DEC 7 '35
 Drilling Co. HEWLETT & CO. WOOD
 Bit No. CB-67677
 Depth to bedrock 1'
 Total depth _____
 Sample screening _____

Remarks HOLE STARTED / SCRAPPED -> HOLE MOVED 100' EAST
NEW HOLE STARTED 2:05 FINISH 2:20

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
			01	0-1' HUMUS 1'-2' BEDROCK - GREY FELSIC VOLC. 2' END OF HOLE				
	10							
	20							
	30							
	40							
	50							
	60							
	70							



OVERBURDEN DRILL LOG

Hole 05

Property/Area GOLDAN - (E-CORPORATION)
 Township RASLES
 Claim No. _____
 Location _____
 Logged by D. MEYER
 Sampler P. ROULINSON

Date(s) DEC 1925
 Drilling Co. HEATH AND
 Bit No. CE-576
 Depth to bedrock 11'
 Total depth 13'
 Sample screening _____

Remarks 3-11-25 Z:ZE:V

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	Au
		A A A A		0-7' HUMUS	ppm	ppm	ppb
	10	o.o. o.o.	01 02 03	7'-11' GRAVEL - PREDOMINANCE OF GREEN MED GRAINED (GREEN?)	450	22	330
	5		04	11' BEDROCK - CHLORITE RICH GREEN, FAIRLY SOFT FINE-MED GR. WASH			OK
	20						
	30						
	40						
	50						
	60						
	70						
	80						
	90						

OVERBURDEN DRILL LOG

Hole 07

Property/Area _____
 Township P. P. 51 E 3
 Section No. _____
 Range _____
 Contained by D. MEYER
 Operator P. ROLLINSON
 Remarks STARTED 4:03 PM 4:35 PM FINISH

Date(s) DEC 7/85
 Drilling Co. HEATH AND SHERWOOD
 Bit No. 67572
 Depth to bedrock 16'
 Total depth 18'
 Sample screening +10 MESH

Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
0-5'	V V V		HUMUS				
5'	0		GRAVEL (VERY SANDY; $\leq 10\%$) GRADING TO FINE SAND 100%				
10'	01						
16'	02		BEDROCK GREY GREEN FELSIC TO INT. VOLC. MED-FN. GR.				

OVERBURDEN DRILL LOG

Hole 03

Property/Area GOLDEN TOWER CHIBOUGAMAU
 Township RABELS
 Claim No. _____
 Location _____
 Logged by D. MEYER
 Sampler P. ROLLINSON

Date(s) 7/12/85
 Drilling Co. HEATH AND SHERWOOD
 Bit No. 67672
 Depth to bedrock 11'
 Total depth 14'
 Sample screening 10 MESH

Remarks _____
START 4:55 pm FINISH 5:10 pm

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
				0' GRAVEL . PREDOMINANTLY GRANITE PARTICLES. (60%) 7' SAND. FN-MED GR. ASSORTED LITH. 8' GRAVEL . GRANITE PRELON. >50% 9' BEDROCK . FELSIC VOLC. W RUSTY WEATHERED K.L. 14' END OF HOLE				



OVERBURDEN DRILL LOG

Hole GTD-35-10

Property/Area <u>GOLDEN TIGER CHIBOUGAMM</u>	Date(s) <u>3/12/35</u>
Township <u>RASLES</u>	Drilling Co. _____
Claim No. _____	Bit No. <u>NEW CB-5 F668</u>
Location _____	Depth to bedrock <u>13'</u>
Logged by <u>D. MEYER</u>	Total depth <u>17.5'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>
Remarks <u>START 10:10 AM</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
	0-3'			HUMUS			
	3'		01	SANDY GRAVEL			
	7'		02	GRAVEL, PREDOM. RUSTY FRAGS OF LITHOLOGY SIMILAR TO BEDROCK.			
			03				
	10'		04	QUARTZ FRAGS PREDOM.			
	13'			RUSTY BEDROCK			
	14'			CLEAN FELSIC BEDROCK (GREY-GREEN FELSIC VOLC)			
	14.5'			RUSTY BEDROCK WITH CLASTS OF OTHER ROCK TYPES (POSSIBLE SHEAR ZONE)			
	16'			CLEAN BEDROCK (GREY GREEN FELSIC VOLC)			
	17'			END OF HOLE			



OVERBURDEN DRILL LOG

Hole 3-2-85-11

Property/Area GOLDENTIGER - BOJISAMP
 Township RASLES
 No. _____
 Location _____
 Logged by L. MEYER
 Sampler P. ROLLINSON

Date(s) DEC 8/85
 Drilling Co. HEATH AND SHERWOOD
 Bit No. CB-6766B
 Depth to bedrock 23'
 Total depth 27'
 Sample screening 10 MESH

Remarks START 11:25 PM

Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
0-4	^ ^	01	HUMUS				
4-6	o o		MIXED GRAVEL				
6-7	o o	02	SANDY GRAVEL. $\leq 40\%$				
7-23	o o	03	COARSE GRAVEL. PREDOM. GRANITE, + 20-30% SAND				
23	o o	04	PREDOM. OF SYENITE OR GRANODIORITE CLASTS				
23	o o	05	PREDOM. GABBRO CLASTS				
23	o o		RUSTY BEDROCK				
25.5	o o		CLEAN BEDROCK INT-MAFIC VOLC				
26.5	o o		QUARTZ PARTICLES (VEIN?)				
27	o o		END OF HOLE				
			SULFIDE BEARING +10 MESH SAMPLE TAKEN				



OVERBURDEN DRILL LOG

Hole GTD-35-12

Property/Area <u>GOLDEN TIGER-CHIBOUG.</u>	Date(s) <u>8/12/85</u>
Township <u>RASLES</u>	Drilling Co. <u>HEATH AND STEWART</u>
aim No. _____	Bit No. <u>CB-67553</u>
Location _____	Depth to bedrock <u>13'</u>
Logged by <u>D. MEYER</u>	Total depth <u>20'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>
Remarks <u>START 12:45</u>	<u>FINISH 1:20 PM</u>

M.	Fl.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
			01	0 - 4' HUMUS				
				4' - 18' MIXED GRAVEL, + MINOR FN-MED SAND				
			02	10' BED-ROCK BOULDERS BLOCKS OF SAME LITHOLOGY AS BELOW				
			03	11' PREDOMINANCE OF QUARTZ FRAGMENTS.				
			04	17' CLAY BALLS IN BLOCKS OF BEDROCK				
				18' RUSTY BEDROCK.				
				19' CLEAN BEDROCK. INT-MAFIC VOLC. DARK ORLEN FN-MED GR.				



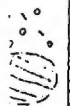









RBURDEN DRILL LOG

Hole GTO-85-13

Area <u>GOLDEN TIGER - CHIBOUGAMAU</u>	Date(s) <u>DEC 8 / 85</u>
<u>HAZEUR</u>	
	Drilling Co. <u>HEATH AND SHEPWOOD</u>
	Bit No. <u>SAME AS 10</u>
	Depth to bedrock <u>29.5'</u>
<u>D. MEYER</u>	Total depth <u>33.5'</u>
<u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>

START 2:10 pm

FINISH 3:00 pm

GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
	01	0-2' HUMUS				
	02	2'-7' GRAVEL OF MIXED LITHOLOGY				
	03					
	04	7'-18' CLAY BALLS IN MIXED GRAVEL.				
	05	8'-11' GRANITE BOULDER				
	06	15'-18' GRANODIORITIC BOULDER				
	07	MED GRAINED, GREY/GREEN, SULFIDE BEARING				
		18'-25'-MIXED GRAVEL				
		25'-29.5' MIXED GRAVEL w MINOR CLAY				
		28' GRANITE COBBLE				
		29.5' GABBRO/BASALT BEDROCK, DARK GREEN FN-MED GRAINED.				
		33.5' END OF HOLE				



OVERBURDEN DRILL LOG

Hole 14

Property/Area GOLDEN TIGER, CHIEF AUGER WAY

Date(s) DEC 8 / 85

Township HAZLER

Drilling Co. HEATH AND SHERWOOD

C n No.

Bit No. SAME AS 10

Location

Depth to bedrock 26'

Logged by D-MEYER

Total depth 27'

Sampler P. ROLLINSON

Sample screening 10 MESH

Remarks START 3:30

FINISH 4:35

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
	0	V V V	01	0-2' HUMUS				
	10		02	2'-13.5' MIXED COARSE GRAVEL				
	20		03	7' GRANITE COBBLE				
			04	13.5'-14.5' CLAY BALLS* IN MIXED GRAVEL				
			05	14.5'-20.5' MIXED GRAVEL - PRE-D.				
			06	MAFIC VOLC. CLASTS				
	40			20.5'-21' CLAY LAYER				
				21.5' GRANODIORITE BOULDER				
				23'-25' COBBLE/TILL				
				25'-26' VERY CLAY RICH LAYER (+10 MESH CLAY BALLS TROWN IN TO SAMPLE 04)				
	60			26' BEDROCK - DARK GREEN-GREY INT VOLC. MED-FN GR. APPARENTLY SCHISTOSE IN PLACES. VERY TOUGH GOING IN BEDROCK				
	70			27' END OF HOLE.				
	80							
	90							

* CLAY PRESENT IN SAMPLE FORMS DISCRETE BALLS ON 10 MESH SCREEN.



/ERBURDEN DRILL LOG

Hole 14 A

Locality/Area GOLDEN TIER - CHIBOUGAMAUDate(s) DEC 9/85Ship HAZENR.

1 No. _____

Drilling Co. _____

Location _____

Bit No. CB-67668 AND CB 67663Depth to bedrock 47'Designed by D. MEYERTotal depth 51'Drilled by P. ROLLINSONSample screening 10 MESHRemarks START 10:30CHANGED FAN BELT ON COMPRESSOR ANDFINISH 1:35WATER SWIVEL

Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
0	V	01	0-5' HUMUS / PEAT			
5	V	02	5'-8' MIXED GRAVEL. PREDOM. MAFIC LOOKING IN COMP.			
10	○	03	8'-19.5' COARSE GRAVEL (LOBBLES)			
15	○	04	15' - MINOR CLAY BALLS			
20	△	05	19.5'-28.5' VERY CLAY RICH TILL - CLAY BALLS AND +10 MESH SAMPLE ADDED TO FINES IN SAMPLE 03 AND 04			
25	△	06				
30	△	07	27'-28' BOULDER / COBBLE OF DARK GREEN FINE TO MED. GR. GABBRO			
35	△	08				
40	○	09	28.5' TILL WITH SULFIDE BEARING FRAGMENTS			
45	○	10	30'-38' CLAYEY TILL - PREDOM. OF COARSE FRAGS OF MAFIC INT VOLC			
50	▨		34'-35.5' CLAY LAYER			
55	▨		38'-39' CLAY LAYER			
60			39' GRANODIORITE BOULDER?			
65			43' GRAVEL PREDOM. OF BASALT AND GRANODIORITE COMP.			
70			BIT BROKEN - CHANGED TO CB-67663			
75			47' BEDROCK DARK GREEN INT VOLC - MED GR.			
80			51' END OF HOLE			



ERBURDEN DRILL LOG

Hole 15

Location <u>GOLDEN TIGER - CHEBESUGAMAU</u>	Date(s) <u>DEC 9/85</u>
Site <u>FL 2212</u>	
Well No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Well No. _____	Bit No. <u>CB-67663</u>
Designed by <u>D. MEYER</u>	Depth to bedrock <u>41.5'</u>
Drilled by <u>P. ROLLINSON</u>	Total depth <u>45'</u>
Start <u>START 1:45</u>	Sample screening <u>10 MESH</u>

DEPTH (ft)	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
0	V V V		0-5' HUMUS				
5	o o o		5'-25' MIXED GRAVEL				
10	o o o		22' SULFIDE BEARING FELSIC COBBLE				
15	o o o		25'-34' GRAVELLY TILL (MIXED GRAVEL W SOME CLAY)				
20	o o o		-SOME PYRITE BEARING INT. FELSIC CLASTS.				
25	o o o		34'-41.5' FINE MIXED GRAVEL W MINOR PYRITE.				
30	o o o		41.5' RUSTY GABBRO? BEDROCK (WEATHERED/OXIDIZED RIND)				
35	o o o		43' FRESH BEDROCK				
40	o o o		DARK GREEN MED GR. INT VOLC ROCK.				
45	o o o		45' END OF HOLE.				



VERBURDEN DRILL LOG

Hole 16

Property/Area GOLDEN TIGER-CHIBOUSSAMAU Date(s) DEC 9/85

Ownership PIPER

Drilling Co. HEATH AND SHERWOOD

Bit No. SAME AS 15

Depth to bedrock 19'

Total depth 22.5'

Sample screening 10 MESH

Designed by V. MEYER

Operator P. ROLLINSON

Starts START 4:20

FINISH 5:20

Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
0-10'	V V		HUMUS AND FINE GRAVEL			
10'-17.5'	V V		FINE GRAVELLY TILL W MINOR CLAY			
17.5-19'	V V	01	CLAY RICH LAYER 60-70% FN GREY CLAY LOCALLY			
19'	V V	02	BEDROCK - D.E.L. GREEN			
		03	INT. VOLC. "			
22.5'			END OF HOLE			



ERBURDEN DRILL LOG

Hole 17

Location GOLDEN TIGER CHIBUGAMAY
 Dip HAZEL
 by D. MEYER
P. ROLLINSON

Date(s) DEC 10 / 85
 Drilling Co. HEATH AND SHERWOOD
 Bit No. SAME AS 15
 Depth to bedrock NOT REACHED
 Total depth ~ 28'
 Sample screening 10 MESH

START 10:15 AM

FINISH

GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
	01	0-2' HUMUS				
	02	2'-16' MIXED GRAVEL				
	03	16' - CLAY LAYER. GRADING INTO CLAY-RICH GRAVEL/ GRAVELY TILL.				
	04	20'-21.5' CLAY LAYER				
	05	21.5' - GRAVELY TILL W PRED. MAFIC CLASTS.				
		24' SULFIDE BEARING GRANITE FRAGS IN COARSE GRAVELY TILL.				
		26' CLAY LAYER.				
		26.5' VERY TOUGH GOING. LUBE ADDED TO DRILL. MEDIUM.				
		- BIT BROKEN IN HOLE HOLE STOPPED @ ~28' BEDROCK NOT REACHED. HOLE MOVED WEST 10'				



R BURDEN DRILL LOG

Hole 17A

Area GOLDEN TIGER - CHEBOUGAMAY
HAZARD
D. MEYER
P. ROLLINSON

Date(s) 10/12/85
 Drilling Co. HEA - 2125 2-420000
 Bit No. NEW BIT 67673
 Depth to bedrock 30.5'
 Total depth 34'
 Sample screening 10 MESH

START 11:45

FINISH 12:35

DEPTH LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL			
			CU	ZN	AU	
0-2'		HUMUS	110	110	110	
2'-12'	01	MIXED GRAVEL FN. TO MED.	130	45	220	1 E 2
12'-30.5'	02	COARSE GRAVEL - / COBBLE TILL				
17'	03	CLAY RICH LAYER GRADING INTO CLAY RICH GRAVEL	200	52	442	3
20'	04	CLAY RICH LAYER	200	33	25	4
	05	*NOTE: LUBE ACTS AS EMULS- IFIER FOR CLAY (CLAY DOES NOT AS READILY FORM BALLS)	200	110	30	5
27'-28'	06	CLAY LAYER				
30.5'		BEDROCK - DARK GREEN INT-MAFIC ROCK w MINOR QV. +10 MESH SAMPLE TAKEN				
34'		END OF HOLE				

BURDEN DRILL LOG

Hole 18

o GOLDEN TIGER - 24-20-04 (MAN)

Date(s) DEC 12 '35

WALLEN

Drilling Co. HEATH AND STEWART

Bit No. SAKE AS 17A

Depth to bedrock 29.5'

P. MEYER

Total depth 31'

P. ROLLINSON

Sample screening 10 MESH

START: 2:30 PM

MORNING SPENT DRIVING OUT BURDEN

FINISH: 3:00 PM

AND FIXING WIRING.

SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		CU	ZN	AU
	0-2' HUMUS	PPM	PPM	PPM
017	2'-29.5' FINE TO MED GRAVEL	450	95	1320
	W SOME CLAY - MAFIC CLASTS			
02	PREDOMINATE (65%) + GRANITIC CLASTS			
	OF VARIOUS LITHOLOGIES			
03	29.5' - BEDROCK	470	93	540
04	31' END OF HOLE	450	200	250
05		730	105	400

DEN DRILL LOG

Hole 19

LDEN TIVER - CHIBOUGAMAU
EUR
MEYER
ROLLINSON

Date(s) DEC 12/95
 Drilling Co. HEATH AND SHEERWOOD
 Bit No. SAME AS 17 A
 Depth to bedrock 30'
 Total depth 34.5'
 Sample screening 10 MESH

START 4:30
 FINISH 5:20

SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		CU	Zn	AJ
	0'-7.5' HUMUS AND SLIGHTLY GRAVELY HUMUS	PPM	PPM	PPM
21 ?	7.5'-22' FINE ASSORTED GRAVEL,	225	52	50
12	22'-24' CLAY RICH FINE TO MED. GRAVEL (TILL)	200	64	195
3	24'-26' COARSE FRAGS/BOULDERS OF BEDROCK-TYPE LITHOLOGY	250	26	90
4	26'-30' COARSE GRAVEL MIXED LITHOLOGY	245	36	50
5	30' BEDROCK - DARK GREEN INT. VOLC.			
5	34.5' END OF HOLE			



OVERBURDEN DRILL LOG

Hole 20

Property/Area GOLDEN TISSE - CHIBOUGAMAU
 Township HAZEL
 Location _____
 Logged by D. MEYER
 Sampler J. P. ROLLINSON

Date(s) DEC 13 / 85
 Drilling Co. HEATH AND SHERWOOD
 Bit No. SAME AS 17A
 Depth to bedrock 12'
 Total depth 13.5'
 Sample screening 10 MESH

Remarks START : 8:50

FINISH : 9:22

Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
				CU	Zn	Au
0-3'			HUMUS	PPM	PPM	PPA
3'-12'		01	MIXED GRAVEL - MINOR RUSTY FRAGS - PRED. INT. VOLC. w/ MINOR PYRITE.	85	23	760
		02	10' - MINOR QUARTZ FRAGS	95	5+	7+0
		03	12' - BEDROCK - INT. - FELSIC VOLC. CONTAINING MINOR SULFIDES (PREDOM. PY) - RUSTY OXIDIZED RIND EVIDENT UP TO 2-3"			

OLDEN DRILL LOG

Hole 21

OLDEN TIGER - CHIBOUSSAMAU
 E.U.P.
 D. MEYER
 P. ROLLINSON

Date(s) DEC 13/95
 Drilling Co. HEATH AND SHERWOOD
 Bit No. NEW BIT CB 67670 + STARTER ROD
 Depth to bedrock 26.5'
 Total depth 29'
 Sample screening 10 MESH

RT 9:50

15H 10:40

SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		CU	ZN	AU
	0-5' HUMUS	PPM	PPM	PPM
117	5'-26.5' MIXED GRAVEL	430	20	275
2-	6' - MINERALIZED BOULDER (MINOR PY)	36	19	25
3	MINERALIZED GRAVEL FRAGS			
4?	INT-FELSIC VOLC w MINOR PYRITE.	260	2	85
5)	10' - GRANITIC BOULDER			
	15' - MINOR SULFIDES IN INT-FELSIC VOLC GRAVEL. PRED. PY			
	26.5' BEDROCK			
	SCHISTOSE INT.-FELSIC VOLC.			

DEN DRILL LOG

Hole 22

GOLDEN TIGER - CH. BOUGAMAU
 EUR
 D. MEYER
 P. ROLLINSON

Date(s) DEC 13 / 35
 Drilling Co. HEATH AND SHERWOOD
 Bit No. SAME AS 21
 Depth to bedrock 34'
 Total depth ~ 37'
 Sample screening 10 MESH

ART 11:11
 12:07

SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		CU	Zn	AU
	0-3' HUMUS	ppm	ppm	ppm
01	3'-34' MIXED SANDY, GRAVELY TILL. VARIABLE LITHOLOGY: QUARTZ FRAGS			
02	MAFIC VOLC GRANITIC RUSTY, UNKNOWN LITHOLOGY	50	40	115
03	20' EPIDOTE CLASTS (MINOR)	350	70	170
04	22' FINER GRAVEL MIXED LITHOL.	430	115	420
05	27' COARSER - MIXED GRAVELY TILL. SOME INT. FELSIC FRAGS CONTAINING MINOR PY.	480	80	100
06	34' BEDROCK SHEARED TO SCHISTOSE INT. FELSIC VOLC.			
07	37' END OF HOLE			

DEN DRILL LOG

Hole 23

LDEN TIGER-CH:BOUGAN:AV

Date(s) DEC 13/85

25

Drilling Co. HEATH AND SHERWOOD

Bit No. SAME AS 21

Depth to bedrock 12'

Total depth 14.5'

D. MEYER

Sample screening 10 MESH

P. ROLLINSON

ART 12:30

WISH 12:55

SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		CU	Zn	AU
	0-6' HUMUS			
01 } 02 } 03 }	6'-12' FINE GRAVEL OF MIXED LITHOLOGY WITH MINOR RUSTY FRAGS. PREDOM. VOLCANICS, QUARTZ.	+10	Σ+	90
	12' - BEDROCK. INT.-FELSIC VOLC. W 1-2" RUSTY RIND. +10 MESH BEDROCK SAMPLE TAKEN			

OVERBURDEN DRILL LOG

Hole 24

Property/Area <u>GOLDEN TIGER - CHIBOUGAMAU</u> Township <u>WILHELM</u> Claim No. _____ Location _____ Logged by <u>D. MEYER</u> Sampler <u>T. P. ROLLINSON</u>	Date(s) <u>DEC 13 / 85</u> Drilling Co. <u>HEATH AND SHERWOOD</u> Bit No. <u>SAME AS 2.</u> Depth to bedrock <u>11.5</u> Total depth <u>14'</u> Sample screening <u>10 MESH</u>
--	--

Remarks START 1:10
FINISH 2:00

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	Pb
					PPM	PPM	PPM
		A A A A		0-4' HUMUS			
		O O O O O O O O O O O O	01	4'-11.5' FINE TO MED GRAVEL MIXED LITHOLOGY.	112	34	1225
		/ / / / / / / /	02	5' - RUSTY GRAVEL / FINE QUARTZ WITH RUSTY PATCHES.			
				11.5' BEDROCK? APPEARANCE OF LESS QUARTZ, LESS RUST MORE HOMOGENEOUS FRAGS: INT-FELSIC VOLC.			
				13' CLEAN BEDROCK: INT-FELSIC VOLC W MINOR FINE QUARTZ + 10 MESH BEDROCK SAMPLE TAKEN.			
				14' END OF HOLE			



JRDEN DRILL LOG

Hole GTS-88-25

<u>GOLDEN - SEARCH PROPERTY</u>	Date(s) <u>DEC 17 1998</u>
<u>LAZOR</u>	Drilling Co. <u>HEATH AND SHEPHERD</u>
<u>D. MEYER</u>	Bit No. <u>SAN: 25 21</u>
<u>P. ROBINSON</u>	Depth to bedrock <u>9'</u>
	Total depth <u>10'</u>
	Sample screening <u>10 MESH</u>

START 3:30 PM
 FINISH 3:49 PM

SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		CU	ZN	AU
01	0-6' HUMUS	PPM	PPM	PPM
	6'-9' GRAVELY TILL PREDOMINANTLY INT. VOLC. FRAGS. PY IN FRAGS. → RUSTY	PPM	PPM	PPM
	9' BEDROCK: INT. TO FINE VOLC. W MINOR Q.V. 10' DEEP BEDROCK SAMPLE TAKEN.			



OVERBURDEN DRILL LOG

Hole 25A

Property/Area SALMON CREEK BOULDER Date(s) DEC 13 '2
 Township WHEELER
 Claim No. _____ Drilling Co. HEATH AND SHEPHERD
 Location _____ Bit No. SAME AS #1
 Logged by P. GEMER Depth to bedrock 8'
 Sampler P. POLLINSON Total depth 10'
 Sample screening 10 MESH

Remarks START 3:53 2' FROM GTO-85-25
FINISH 4:11

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	Au
		AA AA		0-6' HUMUS			
	10		01 02	6-8' MIXED GRAVEL, MED. SIZED	142	30	200
	3			8'- BEDROCK: INT. VOLC. W MINOR FRESH.			
	20						
	30						
10	40						
	50						
15	60						
	70						
	80						
20	90						
	20						



OVERBURDEN DRILL LOG

Hole 26

Property/Area <u>22144 T. 33N. R. 10E. S. 37N. 10E.</u>	Date(s) <u>DEC. 12, 1961</u>
Township <u>R. 10E.</u>	
Claim No. _____	Drilling Co. <u>HEARN & SONS, INC.</u>
Location _____	Bit No. _____
Logged by <u>D. MEYER</u>	Depth to bedrock <u>9</u>
Sampler <u>P. JOHNSON</u>	Total depth <u>12'</u>
Remarks <u>DRIFT EXPOSED</u>	Sample screening <u>10 mesh</u>

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					Zn	Zn	Au
			01	0-2' HOMOJS	PPM	PPM	PPM
			02	2'-7' (11/2") COARSE GRAVEL	128	40	670
			03	GRANITIC, MAFIC, ETC.	110	60	50
				3' RUSTY FRAGS, APPARENTLY HOMOGENEOUS LITTOLOGY.			
				COARSE RUSTY GRANITIC - GRANODIORITIC FRAGS W MINOR QUARTZ AND PY IN FRESH FRAGS.			
				PROBABLY REPRESENTS OXIDIZED RIND.			
				10' CLEANER. BEDROCK FELSIC - INT. MED GRAINED INTRUSIVE?			
				+10 MESH BEDROCK SAMPLE TAKEN			
				12' END OF HOLE			



OVERBURDEN DRILL LOG

Hole 27

Property/Area <u>GOLDEN TIGER (CHIRAU GAMAU)</u>	Date(s) <u>DEC 14/85</u>
Township <u>VICTORIA</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHEPWOOD</u>
Location _____	Bit No. <u>SAME AS 21</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>27'</u>
Sampler <u>P. ROLINSON</u>	Total depth <u>28'</u>
Remarks <u>START 9:05 AM</u>	Sample screening <u>10 MESH</u>
<u>FINISH 10:30 AM</u>	

M	F.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					Cu	Zn	Au
				0-2' HUMUS	PPM	PPM	PPB
			01	2'-24.5' - MIXED FINE-COARSE	74	20	165
			02	MIXED GRAVEL W ABUNDANT RUSTY FRAGMENTS.			
			03	12' MINOR COARSE FRAGS. OF	180	20	1320
			04	GREEN INT. - MAFIC VOLC IN FINE GRAVEL	250	38	1640
			05		440	..	410
			06	17' ABUNDANCE OF COARSE FRAGS. OF INT. MAFIC VOLC.			
				21.5'-22.1' - SANDY GRAVEL			
				23' - ABUNDANCE OF COARSE INT. AND MAFIC FRAGS			
				24.5'-27' CLAY RICH GRAVEL (TILL)			
				27' - BEDROCK - DARK GREEN - GREY INT. FELSIC VOLC.			
				28' END OF HOLE.			



OVERBURDEN DRILL LOG

Hole 28.

Property/Area GOLDEN TIGER, CH. BOUAMBAU Date(s) DEC 14/85
 Township HAYES R
 Claim No. _____ Drilling Co. HEATH AND SHERWOOD
 Location _____ Bit No. SAME AS 21
 Logged by D. MEYER Depth to bedrock NOT REACHED
 Sampler P. ROLLINSON Total depth 12'
 Sample screening 10 MESH
 Remarks START 11:05
NEW HOLE STARTED 11:25

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	PPM	PH
			01	DRILLED 5' → ROD STUCK TOOK SAMPLE 28-01	PPM	PH	PH
			02	MOVED 5 FEET NEW HOLE 0-3' HUMUS	51	12	2X10
				3' - MIXED GRAVEL			
				5' - ROD STUCK → MOVED 2 FEET NEW HOLE			
				0-2' HUMUS			
				2' - MIXED FINE GRAVEL			
				12' MACHINE PASSING LARGE GRAVEL CLASTS → RODS PULLED UP			
				NEW BIT CB-67669			
				TRACTOR REPAIRED			



OVERBURDEN DRILL LOG

Hole 28 A

Property/Area <u>GOLDEN TIGER CO. 3300/1/1/1/1</u>	Date(s) <u>DEC 14/85</u>
Township <u>W-30-2E</u>	Drilling Co. <u>HEATH AND SHERWOOD</u>
Claim No. _____	Bit No. <u>NEW BIT CB 67669</u>
Location <u>5 FEET FROM 28</u>	Depth to bedrock <u>23'</u>
Logged by <u>D. MEYER</u>	Total depth <u>25'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>

Remarks START 12:05
FINISH 1:00

V	F.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					Wt %	Gr %	Au
				0-2' HUMUS	11	14	14
			01	2-23' ASSORTED FINE TO COARSE GRAVEL / COBBLES. SANDY	53	16	250
			02	7' PREDOM. COARSE GRAVEL			
			03	10' SLIGHTLY SANDY GRAVEL	170	450	145
			04	23' BEDROCK	210	1150	240
			05	DARK GREEN-GREY FELSIC-INT VOLC.	700	650	175
				25' END OF HOLE			



VERBURDEN DRILL LOG

Hole 29

erty/Area GOLDEN TIGER-CHIBOUGAMAU
 nship -AZEJR
 m _____
 ation _____
 ged by D. MEYER
 pler P. ROLLINSON

Date(s) DEC 14/95
 Drilling Co. HEATH AND SHERWOOD
 Bit No. SAME AS 28 A
 Depth to bedrock 28'
 Total depth 30'
 Sample screening 10 MESH

orks START 1:20
FINISH 3:10

Fl.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
				Cu	Zn	Au
			0-2' HUMUS	PPM	PPM	PPM
		017	2'-26' FINE TO COARSE ASSORTED GRAVEL / LOBBLES	370	56	1435
		02	2' - FINE ASSORTED GRAVEL			
		03	7' - COARSE " GRAVEL	230	70	585
		04	12' - COARSE GRAVEL / LOBBLES	270	90	95
		05	18' - PREDOM: DARK GREEN ANGULAR COARSE FRAGS.			
		06	26' CLAY RICH (CLAY BALLS AND CLAY COATING ON GRAVEL FRAGS.)			
			27' CLAY LAYER			
			28' BEDROCK: DARK GREEN FELSIC / INT VOLC.			
			30' END OF HOLE			



OVERBURDEN DRILL LOG

Hole 30

Property/Area <u>GOLDEN TIGER CH. BOUGA MAU</u>	Date(s) <u>DEC 14/95</u>
Township _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Claim No. _____	Bit No. <u>SAME AS 28A</u>
Location _____	Depth to bedrock <u>39'</u>
Logged by <u>D. MEYER</u>	Total depth <u>39.5'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>
Remarks <u>START 3:30</u> <u>FINISH 5:05</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zr	P2O5
			01	0-2' HUMUS	220	25	100
			02	2'-17' GRAVEL	195	20	100
			03	12' COARSE GRAVEL	180	40	100
			04	14' FINE ASSORTED GRAVEL	200	20	45
			05	17'-35' CLAY AND GRAVEL (TILL)	220	30	205
			06	28.5' CLAY LAYER	290	16	75
			07	30' CLAY RICH TILL	410	32	1045
			08	35'-38' MIXED FINE TO MED. GRAVEL.			
				38' - BEDROCK : LIGHT GREEN FELSIC TO INT. VOLC.			
				39.5' END OF HOLE.			

OK

OVERBURDEN DRILL LOG

Hole 31

Property/Area <u>GOLDEN TIGER-CHIBONGAMAU</u>	Date(s) <u>DEC 15/95</u>
Township <u>FALEUK</u>	
Claim No _____	Drilling Co. <u>HEATH AND SICKWOOD</u>
Location _____	Bit No. <u>SAME AS 28 A</u>
Logged by <u>J.P.R</u>	Depth to bedrock <u>34'</u>
Sampler <u>D.M.</u>	Total depth <u>35'</u>
Remarks <u>START 9:10</u>	<u>9:05 PROBLEMS STARTING RODS -</u>
<u>FINISH 11:10</u>	<u>SOLE BENDING -> MOVED HOLE</u>

DEPTH	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
				CU	Zn	AU
0-2'			HUMUS			
2'-19'		01	MED ROUNDED TO SUB-FINULAR GRAVEL OF MIXED LITHOLOGY? SPHERIC, MIT. SCLC.	1.5	17	12820
		02				
		03	10' - PREDOM. MAFIC CLASTS	220	34	1140
		04	14' - SOME GRAPHITIC FRAGS CONTAINING PY.	250	20	10
		05				
		06	19' - MINOR BLACK PEBBLES (MAG.-PY)	200	10	20
		07		100	5	10
19'-34'			PRESENCE OF SOME CLAY BALLS INDICATES TILL			
25-30'			ASSORTED COBBLY TILL FRAGS OF GABBRO, GRANITE			
34'			BEDROCK			
			ALTERED INT. FELSIC TUFF?			
			+10 MESH SAMPLE TAKEN			
			LUBE ADDED TO CIRCULATION SYSTEM.			



OVERBURDEN DRILL LOG

Hole 32

Property/Area <u>GEORGE TERRY BOUGAMAU</u>	Date(s) <u>DEC 15/25</u>
Township <u>HAZEL</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>NEW BIT 67667</u>
Logged by <u>FER</u>	Depth to bedrock <u>23'</u>
Sampler _____	Total depth <u>25'</u>
Remarks <u>2:00</u>	<u>FIXED GENERATOR (10 MIN)</u>
<u>2:36</u>	

M	Ft	GRAPHIC LOG	DESCRIPTIVE LOG	ANALYTICAL		
				SG	W	PH
	0-4'		HUMUS			
	4-23'		GRAVEL OF MIXED LITHOLOGY - MAFIC VOLC - GRANITIC - QUARTZ	2.0	22	11.75
	23'		BEDROCK - LIGHT GREY INT. - FELSIC VOLC. W MINOR RUSTY RIND - MINOR PYRITE + FREE QTZ IN CLEAN BEDROCK	2.00	28	16.0
	25'		END OF HOLE			



OVERBURDEN DRILL LOG

Hole 33

Property/Area GOLDEN TIGER-CHIBOUGAMAU Date(s) DEC 15/95
 Township MADEIRA
 Claim No. _____ Drilling Co. HEATH AND SHERWOOD
 Location _____ Bit No. SAME AS 32
 Logged by J. P. R. Depth to bedrock 36'
 Sampler D. M. Total depth 38'
 Sample screening 10 MESH
 Remarks START 1:15 pm
FINISH 2:40 pm

DEPTH	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
				CU	SS	FS
0-3'	AA		HUMUS	100	100	100
3'-19'	01		MIXED GRAVEL - - GREYWACKE - GRANITE - VOLCANICS	260	30	370
	02					
	03		19' - PRESENCE OF CLAY INDIC.	175	20	25
	04		ATES TILL. W MIXED GRAVEL AND MINOR SAND	310	55	45
	05		36' - BEDROCK - INT. - FELSIC VOLC.	175	50	25
	06			100	10	75
	07		+ 10 MESH BEDROCK SAMPLE TAKEN			
	08					

OVERBURDEN DRILL LOG

Hole 34

Property/Area <u>GOLDEN TREE - CH. BOUGAMAY</u>	Date(s) <u>DEC 15/85</u>
Township <u>W. L. E. R.</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 32</u>
Logged by <u>T. P. R.</u>	Depth to bedrock <u>47'</u>
Sampler <u>D. M.</u>	Total depth <u>48'</u>
	Sample screening <u>10 MESH</u>

Remarks START 3:17 NEW BIT 3:29 # CB 67671. PROBLEMS WITH FINISH 6:00 HOLE CURVING → FINALLY RESUMED DRILLING 5:00pm

M.	F.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	Fe
		AAAA	01	0-2' HUMUS		11.0	11.0
			02	2'-22' MIXED GRAVEL - GABBRO - FELSIC → MAFIC VOLC.	35	36	45
			03				
			04	22'-47' - GRAVELY TILL (SOME CLAY STUCK TO GRAVEL PARTICLES)	125	50	170
			05				
			06	32' MINOR SULFIDE FRAGS CONTAINING PY, CP	10	20	10
			07	34' CLAY LAYER	150	37	25
			08	36' CLAY LAYER	85	26	35
			09				
			10	47' - BEDROCK - INT-FELSIC VOLC. + 10 MESH SAMPLE OF BED-ROCK TAKEN	32	30	45
				48' END OF HOLE			

OVERBURDEN DRILL LOG

Hole 35.35A

Property/Area <u>GOLDEN TIGER - CHIBOUGAMAU</u>	Date(s) <u>DEC 16/35</u>
Township <u>H47312</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 34</u>
Logged by <u>D KEEPER</u>	Depth to bedrock _____
Sampler <u>P. ROLLINSON</u>	Total depth _____
Remarks <u>START 8:50 AM</u>	Sample screening <u>10 MESH</u>

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	AL
			01	0-2' HUMUS	320	110	110
			02	2' - COARSE GRAVEL - INT. VOLL. BOULDER & RUSTY RND 2-2.5'	95	20	235
			03	7' - MIXED SANDY GRAVEL BIT BROKEN - RODS PULLED UP MOVED 2 FEET CHANGED BIT	250	90	120
			04	NEW BIT CB-67662			
			05	NEW HOLE 35A - START 9:20			
			06	0-2' HUMUS	200	100	100
			07	2'-17' MIXED SANDY GRAVEL COARSE MIXED GRAVEL	220	50	100
				17' - TILL (CLAY BALLS AND FINE GRAVEL - COARSE COBBLES/BOULDERS)			
				23' - COARSE GRAVELY TILL			
				27' - INT. MAFIC BOULDER			
				28' - SANDY GRAVELY TILL			
				34' - COARSE GRAVELY TILL			
				35' - ROD SHEARED IN HOLE 11:00 PM USING "PLUG" TO GET RODS OUT SHEARED ROD TOO DEEPLY BURIED TO SEE RODS LEFT IN HOLE HOLE SCRAPPED			

OVERBURDEN DRILL LOG

Hole 36

Property/Area <u>SOLEBEN TRACT R. CHIDOUAGAMA</u>	Date(s) <u>DEC 16/85</u>
Township _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Claim No. _____	Bit No. <u>NEW 67666 + NEW STARTER</u> <u>220</u>
Location _____	Depth to bedrock <u>29'</u>
Logged by <u>D. MEYER</u>	Total depth <u>33'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>
Remarks <u>START 1:00 - PROBLEMS WITH HOLE BINDING - RESTART 1:20</u>	

M.	F.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	ZN	AS
		7.5 V.V.	01	0-2' HUMUS	23.0	6.0	1.0
			02	2'-18' MIXED GRAVEL - LOCALLY SANDY	30	2	70
			03	10' - SANDY GRAVEL			
			04	17' SLIGHTLY SANDY COARSE GRAVEL	32	45	100
			05	18'-29' - COBBLY - CS GRAVELY SILTY TILL	210	220	1400
			06	24' - CS GRAVEL + SILT	215	33	100
				24.5 CS - MED GRAVEL			
				25' - COBBLE TILL			
				29' - BEDROCK - MED GREEN MGF. INT. MAFIC INTR/FLOW. CENTRE			
				33' END OF HOLE			

OVERBURDEN DRILL LOG

Hole 38

Property/Area GOLDEN TIER CHIBOUQUAMAU
 Township FAZEL
 Claim No. _____
 Location _____
 Logged by D. MEYER
 Sampler P. ROLLINSON

Date(s) DEC 16/95
 Drilling Co. HEATH AND SHERWOOD
 Bit No. SAME AS 36
 Depth to bedrock 35'
 Total depth 37'
 Sample screening 10 MESH

Remarks START 4:20 pm
FINISH 5:40 pm

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	EA	PH
		V V		0-7' HUMUS			
		V V		7'-25' GRAVEL - LOCALLY SANDY	40	14	70
	10	O O	01	7' - SANDY FINE GRAVEL			
		O O	02	10' - SLIGHTLY SANDY MED. TO COARSE GRAVEL	44	17	39
	20	O O	03				
		O O	04	25'-35' - SANDY, GRAVELY TILL (PRESENCE OF MINOR CLAY)	42	16	15
	30	O O	05		39	52	15
		O O	06	35' - BEDROCK	90	25	35
	40	O O	07	MED GREEN MED GRAINED INT. VOLC.			
		O O		37' - END OF HOLE			

OVERBURDEN DRILL LOG

Hole 39

Property/Area <u>GOLDEN TIGER CH. BOUSAMAU</u>	Date(s) <u>DEC 17/85</u>
Township <u>RASLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 38</u>
Logged by <u>J. P. R. + D. M.</u>	Depth to bedrock <u>34.5'</u>
Sampler <u>D. M.</u>	Total depth <u>35.5'</u>
Remarks <u>START 9:44</u>	<u>* 8:30 - 9:44 REPAIRING WINCH ON BULLDOZER</u>
<u>FINISH 10:37</u>	

M.	FL.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	ZN	AS
				0 - 8' HUMUS	PPM	PPM	PPM
				8' - 34' SILT, FINE SAND, GRAVEL			
			01	8' - 12' SILT FINE SAND	270	50	50
			02	12' - GRAVEL OF MIXED LITHOLOGY			
			03	(GRANITIC, MAFIC VOLC. QTZ ETC.) AND SAND	190	50	20
			04	34' - 34.5' CLAY LAYER	300	74	115
			05	- CLAY BALLS WITH MIXED GRAVEL	300	25	20
			06	34.5' - BEDROCK - DARK GREEN INT VOLC. CONTAINING PY-Po LOCALLY	380	75	120
			07				
				+10 MESH BEDROCK SAMPLE TAKEN			
				35.5 END OF HOLE			

OVERBURDEN DRILL LOG

Hole 40

Property/Area <u>GOLDEN TIGER CYRANUGAMAU</u>	Date(s) <u>DEC 17/85</u>
Township <u>RASLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 33</u>
Logged by <u>J.P.R. D.M.</u>	Depth to bedrock _____
Sampler <u>D.M.</u>	Total depth <u>10'</u>
Remarks <u>START 11:10</u>	Sample screening <u>10 MESH</u>
<u>FINISH 12:00</u>	

M.	FL.	GRAPHIC LOG.	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					Cu	Zn	Pb
			01	<p>0-4' HUMUS</p> <p>4'-5.5' - CLAY BALLS - MINOR MIXED GRAVEL (TILL)</p> <p>5.5'-9' - MIXED GRAVEL - SAND - GRANITIC, MAFIC VOLC. FRAGS - MINOR RUSTY FRAGS</p> <p>9' - BEDROCK - INT-FELSIC → MINOR SULFIDES (PY?) <1%</p>	77	30	75
10							
20							
30							
40							
50							
60							
70							
80							
90							
100							

OVERBURDEN DRILL LOG

Hole 41

Property/Area <u>GOLDEN TIGER CH BOUGAMAU</u>	Date(s) <u>DEC 17/85</u>
Township <u>R.A.S.L.S</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 38</u>
Logged by <u>J.P.R. D.M.</u>	Depth to bedrock <u>64.5'</u>
Sampler <u>D.M.</u>	Total depth <u>66'</u>
	Sample screening <u>10 MESH</u>

Remarks START 12:15
FINISH

M.	Fl.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	AU
				0-3' - HUMUS	ppm	ppm	ppb
			01 } 02 }	3'-13' - MIXED GRAVEL - QUARTZ - GRANITIC AND SAND - MAFIC VOLC.	250	50	75
			03 } 04 }	13'-24.5' - CLAY BALLS AND CLAY COATING ON GRAVEL INDICATES TILL, SOME GRAVEL AND SAND	350	80	57
			05	14' ^{LITHOLOGIES} GRANITIC COBBLE			
			06 } 07 }	21' - BOULDER OF DARK GREEN INT. VOLC.	310	75	20
			08	24.5'-50' - SANDY MIXED GRAVEL	390	80	510
			09	30' - VERY SANDY GRAVEL			
			10	42' - INT. VOLC BOULDER	370	88	350
			11	50'-54' - CLAY BALLS PRESENT UP TO 5% IN GRAVEL; COBBLES 31' SAME LITHOLOGY	460	50	75
			12	54'-64.5' - MIXED GRAVEL MINOR CLAY.	590	48	135
			13	64.5' - BEDROCK	260	26	35
			14	LIGHT GREEN-GREY INT-FELSIC VOLC.	540	35	37
				+ 10 MESH BEDROCK SAMPLE TAKEN.			
				66' - END OF HOLE			

OVERBURDEN DRILL LOG

Hole 42

Property/Area <u>GOLDEN TIGER - CHIBOUGAMA</u>	Date(s) <u>DEC 17/95</u>
Township <u>54-15-5</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 38</u>
Logged by <u>J.P.R. D.M.</u>	Depth to bedrock <u>NOT REACHED</u>
Sampler <u>D.M.</u>	Total depth <u>15'</u>
Remarks <u>START 3:15</u>	Sample screening <u>10 MESH</u>
<u>FINISH 3:41</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	2M	A1
		AAA		0'-3' HUMUS	PPH	SPH	PHL
		0.0	01	3' MIXED GRAVEL - SAND: 70% GRAVEL MED SIZED ASSOCIATED W 30" SAND HOLE CURVING → HOLE MOVED	147	40	110
		0.0	02				
	10	0.0					
		0.0					
		0.0					
	20	0.0					
		0.0					
		0.0					
	30	0.0					
		0.0					
		0.0					
	40	0.0					
		0.0					
		0.0					
	50	0.0					
		0.0					
		0.0					
	60	0.0					
		0.0					
		0.0					
	70	0.0					
		0.0					
		0.0					
	80	0.0					
		0.0					
		0.0					
	90	0.0					

OVERBURDEN DRILL LOG

Hole 42 A

Property/Area <u>GOLDEN TIGER CO. BOUSAMAU</u>	Date(s) <u>DEC 17/85</u>
Township <u>R3E15S</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHEEWOOD</u>
Location <u>10' FROM HOLE 42</u>	Bit No. <u>SAME AS 39</u>
Logged by <u>T.P.R. D.M.</u>	Depth to bedrock <u>NOT REACHED</u>
Sampler <u>D.M.</u>	Total depth <u>47'</u>
Remarks <u>START 3:50</u>	Sample screening <u>10 MESH</u>
<u>FINISH 6:12</u>	

M.	FL.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
			01	0-3' SANDY HUMUS			
			02	3'-15' MIXED SANDY GRAVEL ANGULAR TO SUBANGULAR FRAGS. - MAFIC, GRANITIC, QTZ - MINOR PY (PO?)	46	20	
			03	15'-47' TILL WITH VARYING AMOUNTS OF SAND, GRAVEL, CLAY	72	16	10
			04	16'-17' PRED. FINE GRAVEL AND SAND.	340	104	20
			05	33' MINOR CHERTY? FRAGS. SOME RED, BANDED (HEMATITE IRON FORM)	270		15
			06	45'-46' CLAY LAYER	250	58	70
			07		230	70	500
			08	47' BIT BROKEN BEDROCK NOT REACHED END OF HOLE.			



OVERBURDEN DRILL LOG

Hole 43

Property/Area <u>GOLDEN TIGER CHIBOUGAMAN</u>	Date(s) <u>DEC 18/85</u>
Township <u>PACES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>NEW BIT CB-67603</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>35'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>37'</u>
Remarks <u>START 8:25</u>	Sample screening <u>10 MESH</u>
<u>FINISH 10:10</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	Fe
	0	VVVV		0-2' HUMUS	77.0	2.0	2.0
	2			2'-28' SAND → CIRCULATION SYSTEM CHOKED W SAND	225	65	7.0
	10		01	28'-32' SANDY GRAVEL FINE TO MED. MIXED LITHOLOGY PRED. MAFIC VOLC MINOR RUSTY FRAGS			
	20		02		32'-35' - VERY SANDY GRAVEL		
	30		03	34' - PREDOM. (85%) FRAGS OF GREYISH-GREEN INT-FELSIC VOLC.	80	10	100
	35		04	35' - BEDROCK	108	17	80
	40		05	GREYISH-GREEN FELSIC-INT VOLC.			
	45			37' - END OF HOLE			

EXTRA PAIL FINES ADDED TO EACH SAMPLE

OVERBURDEN DRILL LOG

Hole 44

Property/Area <u>GOLDEN TIER-24-203311AV</u>	Date(s) <u>DEC 18/85</u>
Township <u>RADLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHEPWOOD</u>
Location _____	Bit No. <u>SAME AS 43</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>37.5'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>40'</u>
Remarks <u>START 10:20</u>	Sample screening <u>10 MESH</u>
<u>FINISH 11:20</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	P.
			01	0 - 4' HUMUS			
	10		02	4' - 11' MIXED FINE TO MED GRAVEL (SAND POSSIBLY BEING STILL RECIRCULATED)			5
			03	11' - 14' FINE GRAVELY TILL (-CLAY BALLS AND FINE GRAVEL)			
	20		04	14' - 37' - SAND; UNSORTED, MIXED LITHOLOGY.	74	20	95
			05	25' - MINOR PYRITE, CUBES IN SAND. (RARE)	26		75
	30		06	37' - 37.5 SANDY COARSE GRAVEL	35	20	10
			07				
	40		08	37.5 - BEDROCK - MED GREEN INT. VOLC. CHLORITE RICH	137	20	20
				40' - END OF HOLE			

OVERBURDEN DRILL LOG

Hole 45

Property/Area <u>GOLDEN TIGER-CH BONYAMAN</u>	Date(s) <u>DEC 18/35</u>
Township <u>RASLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAFAS 43</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>54'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>55'</u>
	Sample screening <u>10 MESH</u>

Remarks . START 11:45
FINISH 1:05

M.	Fl.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					W	W	A
				0 - 3' HUMUS			
			01	3' - 54' MIXED FINE-COARSE GRAINED WITH VARYING AMOUNTS OF SAND			
10			02	6' - 9' SAND. MED. BROWN FN-MED GR ASSORTED LITHOLOGIES	34	26	45
			03	30' - 40' SAND.			
20			04				
			05	54' BEDROCK - LIGHT GREEN FN-MED. GRAINED INT. ELSIK VOLC.	131	24	
30			06	55' END OF HOLE	44	20	48
			07				
40			08		21	20	54
			09		29	20	15
50			10		378	30	25
			11				

OVERBURDEN DRILL LOG

Hole 46

Property/Area <u>FOUNDED FISSURE CH BOUGAMAU</u>	Date(s) <u>DEC 13/35</u>
Township <u>22</u>	Drilling Co. <u>HEATH AND SUGRUOOD</u>
Claim No. _____	Bit No. <u>2 1/2" #3</u>
Location _____	Depth to bedrock <u>52'</u>
Logged by <u>N. MEYER</u>	Total depth <u>64'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>

Remarks START : 1:20 pm
FINISH 2:55 pm

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					CU	Zn	AU
		1 1/4" 1 1/4" 1 1/4"		0-4' HUMUS	24	11	10
			01	21-62' SAND AND MIXED SANDY GRAVEL, COBBLES			
	10			4'-5' SAND	33	7	10
			02	12'-13' SAND			
	20			41'-50' SAND			
			03	37'-58' MAFIC INT COBBLE			
	30			62' - BEDROCK - MED. GRAINED FINE MED. GRAINED INT. FLOW CENTRE OR INT. W ABUNDANT FREE QUARTZ.	21	22	20
	40		04	64' END OF HOLE.			
			05				
	50						
			06		44	23	10
	60		07				
			08				
	70						
	80						

OVERBURDEN DRILL LOG

Hole 47

Property/Area <u>GOLDEN T. GERRICH BOULDERMAN</u>	Date(s) <u>DEC 19/33</u>
Township <u>RANLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHREDDON</u>
Location _____	Bit No. <u>NEW B - CB-67606</u>
Logged by <u>D. MAVER</u>	Depth to bedrock <u>43.5'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>46'</u>
Remarks <u>START 8:25</u>	Sample screening <u>10 MESH</u>
<u>FINISH 10:15</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
					Si	Al	Fe
			01	0-1' HUMUS			
	10		02	1'-43' SAND AND MIXED FINE TO COARSE GRAVEL MINOR SILT	36	18	40
	20		03	7'-12' SAND			
				12' MINOR GRANITIC PEBBLES - MIN SILT			
	30		04	29' - MINOR RUSTY GRAVEL FRAGS AND RUSTY, COLORED DRILL WATER	36	23	10
	40		05	37'-43' FINE SAND + SILT WITH MINOR GRAVEL FRAGS	33	24	30
			06	43' - PREDOMINANCE OF FRAGS OF GRAPHITIC BEDROCK			
	50		07	43.5' BEDROCK - VERY FINE GRAINED TO APHANITIC GREY-BLACK GRAPHITE W/ MINOR FINE GR. PYRITE.			
	60			46' END OF HOLE.			

Handwritten notes:
 23 24 30
 36 18 40
 36 23 10
 33 24 30

OVERBURDEN DRILL LOG

Hole 48

Property/Area <u>GOLDEN TOWER CH. BOUSSA/MAU</u>	Date(s) <u>DEC 17/95</u>
Township <u>RAVINE</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 47</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>47'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>48'</u>
Remarks <u>START 10:30</u>	Sample screening <u>10 MESH</u>
<u>FINISH 11:20</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL	
				0-4' SANDY GRAVEL		
			01	4'-39' SLIGHTLY GRAVELLY SAND AND FINE SILT.		
	10			38' FINE SAND AND SILT. ONLY		
			02	39'-47' GRAVELLY, SLIGHTLY SANDY TILL (SOME CLAY BALLS CHIPS)		
	20			40' - GREY GREEN INT VOLC. FRAGS PREDOMINATING.		
				41' - GRAPHITE FRAGS		
	30			47' - BEDROCK - MED. GREEN MGR. ALTERED INT. MAFIC FLOW CENTRE / INTR.		
			03			
	40		04			
			05			
			06			
	50			48' END OF HOLE		
	60					
	70					
	80					
	90					

OVERBURDEN DRILL LOG

Hole # 49

Property/Area <u>COUBERT - SE - CH BONGI (MA)</u>	Date(s) <u>DEC 10/95</u>
Township <u>R. 13</u>	Drilling Co. <u>HEAT - AND SHERWOOD</u>
Claim No. _____	Bit No. <u>SAME AS 47</u>
Location _____	Depth to bedrock <u>10</u>
Logged by <u>D. MEYER</u>	Total depth <u>13.5</u>
Sampler <u>K. ROLLINSON</u>	Sample screening <u>10 MESH</u>
Remarks <u>START 11:35</u> <u>FINISH 11:55</u>	

M.	FL.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL
			01	0-2' SANDY GRAVEL	
				2-9' SAND	
10			02	9-10' FINE SAND AND COARSE GRAVEL	
10				10' - BEDROCK - MED GREEN TRED. GRAINED ALTERED INT. FLOW CENTRE/INTR. CHLORITE RICH 3' LOCALLY MINOR FREE QUARTZ	
13.5				13.5' END OF HOLE	

OVERBURDEN DRILL LOG

Hole 50

Property/Area <u>GOLDEN TIGER CH. BOUGAMAN</u>	Date(s) <u>DEC 19/35</u>
Township <u>R. 12 S</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 47</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>16'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>18'</u>
Remarks <u>START 12:05</u>	Sample screening <u>10 MESH</u>
<u>FINISH 12:50</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		AAA	01	0 - 2' HUMUS			
			02	2' - 12' SILTY SAND			
	10		03	12' - 14.5' BOULDER - GREY-GREEN			
			04	FN MED GR. INT-FLOW CENTRE)			
				INTR.			
	20			14.5' - 16' MED-COARSE MIXED GRAVEL			
				16' - BEDROCK w/ 2" RUSTY WEATHERED RIND.			
	30			CLEAN BEDROCK - GREY FINE GR. FELSIC VOLC.			
	40			18' - END OF HOLE			
	50						
	60						
	70						
	80						
	90						

OVERBURDEN DRILL LOG

Hole 51

Property/Area <u>GOLDEN TIGER CR. BOUGAMAN</u>	Date(s) <u>DEC 12/25</u>
Township <u>RABLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 47</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>16.5'</u>
Sampler <u>P. BOLLINSON</u>	Total depth <u>19'</u>
Remarks <u>START 2:25</u>	Sample screening <u>10 MESH</u>
<u>FINISH 3:05</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
				0-9' HUMUS			
				9'-10' SILT AND FINE SAND			
	10		01	10'-16.5' - SILT, SAND AND MIXED MED GRAVEL			
			02	16.5' - BEDROCK			
	20		03	LIGHT-MED GREEN FINE TO MED GRAINED CHLOR. EPID. RICH INT VOLC. W PINKISH QZ LOCALLY			
				19' END OF HOLE.			
	30						
	40						
	50						
	60						
	70						
	80						
	90						

OVERBURDEN DRILL LOG

Hole 52

Property/Area <u>GOLDEN TIGER (C.B. DIAM)</u>	Date(s) <u>DEC 12 1935</u>
Township <u>RAGLES</u>	
Claim No. _____	Drilling Co. <u>HART AND STEWART</u>
Location _____	Bit No. <u>SAME AS 47</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>7'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>10'</u>
	Sample screening <u>10 MESH</u>

Remarks START 3:25
FINISH 4:05

M.	FL.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL
				0-4' SANDY HUMUS	
			01	4'- SANDY GRAVEL	
			02	5' - HOLE BENDING - WATER NOT CIRCULATING.	
				START OVER 3:45 PM 2 FEET AWAY	
				0-4' SANDY GRAVELY HUMUS	
				4'-7' MIXED COARSE GRAVEL	
				7' BEDROCK. MED GREEN MED GRAINED ALTERED GABBRO-DIORITE W/ MINOR FREE QUARTZ (UN?)	
				10' END OF HOLE	

OVERBURDEN DRILL LOG

Hole 53

Property/Area <u>GOLDEN TIGER - CHIPQUANAD</u>	Date(s) <u>DEC 19/35</u>
Township <u>R. 11 E S</u>	
Claim No. _____	Drilling Co. <u>HEAT AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 47</u>
Logged by <u>D. MEYER</u>	Depth to bedrock <u>8'</u>
Sampler <u>P. ROLLINSON</u>	Total depth <u>11'</u>
Remarks <u>START 4:30</u>	Sample screening <u>10 MESH</u>
<u>FINISH 4:50</u>	

M.	Ft.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL		
		0-2' Humus	01	0-2' HUMUS			
		2'-8' Sandy Gravel		2'-8' SANDY GRAVEL			
	10	8' Bedrock	02	8' BEDROCK. MED GREEN FN TO MED. GRAINED ALTERED INT. VOLC/INTR.			
				11' END OF HOLE.			
	20			STARTED ROD SHEARED IN HOLE			
				→ NEW BIT + STARTER ROD			
	30			→ MOVE ON.			
	40						
	50						
	60						
	70						
	80						
	90						
	100						

OVERBURDEN DRILL LOG

Hole 54

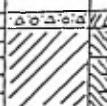
Property/Area <u>GOLDEN TIER CREEK/SAKAW</u>	Date(s) <u>DEC 17/95</u>
Township <u>RASLES</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHREWOOD</u>
Location _____	Bit No. <u>NEW CB-67335</u>
	Depth to bedrock <u>17.5</u>
Logged by <u>D. MEYER</u>	Total depth <u>20'</u>
Sampler <u>P. ROLLINSON</u>	Sample screening <u>10 MESH</u>
Remarks <u>START 5:05</u>	
<u>FINISH 6:05</u>	

M.	FL.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL	
				0-3' SANDY HUMUS		
				8'-12' SANDY MIXED COARSE GRAVEL PREDOMINANTLY INT. + MAFIC VOLC. CLASTS.		
			01			
			02			
			03	12'-17' TILL.		
			04	12'-13' - COARSE COBBLE/BOULDER TILL INT + MAFIC INTR. BOULDERS W MINOR (RARE) CLAY BALLS.		
				13' - BOULDER OF INT. FEL. - INTR.		
				15'-17' - CLAYEY, SILTY GRAVEL - SILT AND COARSE GRAVEL W MINOR CLAY BALLS.		
				17' RUSTY FRAGS IN PREDOMINANTLY INT. MAFIC VOLC. CHIPS. (RUSTY RIND ON BEDROCK) W QUARTZ (VN?) + MINOR PY.		
				18.5' FRESH BEDROCK DARK GREEN MED GRAINED ALTERED. INT. MAFIC INTR./FLOW CENTRE. MINOR PY.		
				20' END OF HOLE		

OVERBURDEN DRILL LOG

Hole GTO-95-55

Property/Area <u>GOLDEN TIGER-CHIBOUGANIAY</u>	Date(s) <u>DEC 20/85</u>
Township <u>R. 23 E</u>	
Claim No. _____	Drilling Co. <u>HEATH AND SHERWOOD</u>
Location _____	Bit No. <u>SAME AS 54</u>
Logged by <u>D. MEYER</u>	Depth to bedrock _____
Sampler <u>P. ROLLINSON</u>	Total depth _____
Remarks <u>START 8:30</u>	Sample screening <u>10 MESH</u>
<u>FINISH 9:30</u>	

M.	FL.	GRAPHIC LOG	SAMPLE NO.	DESCRIPTIVE LOG	ANALYTICAL	
				0-7' HUMUS		
			01 02	7'-8' MIXED MED GRAVEL AND FINE SILTY SAND W MINOR CLAY ON EDGES OF FRAGS.		
				8' - BEDROCK - MED GREEN FINE TO MED. GRAINED INT. VOLL.		
				10' CHIPS OF TREE QUARTZ / FELDSPAR + RUSTY FRAGS POSSIBLY ALTERATION ZONE		
				13' - END OF HOLE.		

APPENDIX 2

Grain Counts

Ministère de l'Énergie et des Ressources
Service de la Géoinformation

Date: 19 JAN 1987

No G.M.: 43517



OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

CLAST:

SIZE OF CLAST:

- G: GRANULES
- F: PEBBLES
- C: COBBLES
- BD: BOULDER CHIPS
- BR: BEDROCK CHIPS

% CLAST COMPOSITION

- V/S VOLCANICS AND SEDIMENTS
- GR GRANITICS
- LS LIMESTONE
- OT OTHER LITHOLOGIES (REFER TO FOOTNOTES BELOW)
- TR ONLY TRACE PRESENT
- NA NOT APPLICABLE

MATRIX:

- S/U SORTED OR UNSORTED
- SD SAND : Y YES FRACTION PRESENT : F: FINE
- ST SILT : N FRACTION NOT PRESENT : M: MEDIUM
- CY CLAY : : C: COARSE

COLOR:

- B: BEIGE
- GY: GREY
- GB: GREY BEIGE
- GN: GREEN
- GG: GREY GREEN
- BN: BROWN
- BR: BLACK
- OC: OCHRE
- PK: PINK
- OE: ORANGE

DESCRIPTION:

- BLR: BOULDER CHIPS
- BDR: BEDROCK CHIPS

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOGS

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)				AU	DESCRIPTION							CLASS						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M. I. CONC				NO. V.G.	CALC PPS	CLAST		MATRIX									
					M.I. LIGHTS	CONC. TOTAL	NON MAG				NO.	SIZE	%	S/U	SD		ST	CY	COLOR			
																				SD	CY	
												V/S	GR	LS	UT	SD	CY					
GTD-85																						
01-01	5.3	0.2	5.1	88.3	69.0	19.3	13.0	6.3	1	115	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	6.7	0.0	6.7	153.7	122.6	31.1	20.6	10.5	1	553	P	90	10	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.6	0.0	6.6	162.0	136.0	32.0	19.5	12.5	0	NA	P	90	10	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	5.5	0.0	5.5	114.9	89.1	25.8	18.8	7.0	1	113	G	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	5.5	0.0	5.5	124.9	103.4	21.5	15.4	6.1	1	614	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-06	5.6	0.0	5.6	112.1	87.6	24.5	18.1	6.4	0	NA	P,G	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
-07	5.3	0.0	5.3	104.7	76.6	26.1	18.4	7.7	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-08	5.2	0.0	5.2	97.4	68.2	29.2	20.3	8.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-09	5.4	0.0	5.4	112.6	88.0	24.6	15.8	8.8	0	NA	P	80	20	NA	1	U	Y	Y	Y	GB	GB	TILL
-10	3.8	0.0	3.8	119.7	97.7	22.0	14.7	7.3	0	NA	P	80	20	NA	1	U	Y	Y	Y	GB	GB	TILL
02-01	5.8	0.0	5.8	115.8	89.3	26.5	22.4	4.1	1	1113	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	6.7	0.0	6.7	213.0	169.5	43.5	28.7	14.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.0	0.0	6.0	156.3	122.2	34.1	22.8	11.3	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	4.8	0.0	4.8	145.3	116.0	29.3	20.4	8.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
03-01	5.2	0.0	5.2	100.6	79.9	20.7	15.9	4.8	1	310	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	1.5	0.0	1.5	65.2	58.7	6.5	5.2	1.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
05-1-2-4	10.4	0.2	10.2	207.1	160.2	46.9	33.2	13.7	0	NA	P	90	10	NA	3	U	Y	Y	Y	GB	GB	TILL
06-01	5.5	0.0	5.5	174.2	106.0	66.2	38.1	28.1	1	39	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
07-01	6.0	0.0	6.0	187.4	144.2	43.2	34.8	8.4	0	NA	TR	NA	NA	NA	3	S	F	Y	N	GNB	NA	SAND
08-01	5.8	0.0	5.8	239.3	215.8	23.5	22.6	0.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	N	GNB	NA	TILL
09-1,2	12.5	0.0	12.5	388.0	364.6	23.4	23.2	0.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	N	GNB	NA	TILL
-3,4	10.3	0.0	10.3	95.8	76.2	19.6	19.2	0.4	0	NA	TR	NA	NA	NA	NA	S	M	Y	N	GNB	NA	SAND
-05	3.5	0.0	3.5	101.6	93.2	8.4	8.0	0.4	0	NA	TR	NA	NA	NA	NA	S	M	Y	N	GNB	NA	SAND
-06	5.8	0.0	5.8	205.3	170.3	35.0	27.7	7.3	0	NA	TR	NA	NA	NA	NA	S	M	Y	N	GNB	NA	SAND
10-01	5.7	0.0	5.7	217.1	195.0	22.1	19.4	2.7	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	BN	BN	TILL
-02	2.9	0.0	2.9	154.0	131.6	22.4	17.9	4.5	0	NA	P	80	20	NA	4	U	Y	Y	Y	B	OC	TILL
-03	5.3	2.1	3.2	171.7	153.7	18.0	14.3	3.7	0	NA	C	NA	NA	NA	NA	U	Y	Y	Y	OC	OC	TILL
11-01	4.7	0.0	4.7	222.4	204.0	18.4	13.4	5.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	5.3	0.0	5.3	102.3	82.1	20.2	13.8	6.4	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.0	0.0	6.0	165.6	138.1	27.5	18.6	8.9	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	3.3	0.0	3.3	95.4	54.8	40.6	19.1	21.5	0	NA	TR	NA	NA	NA	4	U	Y	Y	Y	GB	OC	TILL
12-01	5.8	0.2	5.6	161.0	139.6	21.4	15.2	6.2	0	NA	BR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-02	4.0	0.8	3.2	61.7	52.5	9.2	6.8	2.4	0	NA	BD	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	5.1	0.1	5.0	190.3	172.2	18.1	13.1	5.0	0	NA	BD	NA	NA	NA	NA	U	Y	Y	Y	GB	BY	TILL
13-1,2	8.0	0.0	8.0	206.5	184.3	24.2	17.0	7.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	5.5	0.0	5.5	145.5	118.5	27.0	19.5	7.5	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	6.5	0.2	6.3	143.0	112.9	30.1	23.6	6.5	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	4.7	0.1	4.6	138.3	113.9	24.4	19.0	5.4	0	NA	P	90	10	NA	NA	U	Y	Y	Y	GB	GB	TILL
-06	5.5	0.1	5.4	199.8	180.2	19.6	15.9	3.7	0	NA	BR	NA	NA	NA	NA	U	Y	Y	Y	GB	BY	TILL
14-1,2	13.9	0.8	13.1	309.3	263.0	46.3	30.7	15.6	0	NA	P	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.1	0.1	6.0	169.0	160.2	28.8	22.5	6.3	1	1620	P	85	15	NA	1	U	Y	Y	Y	GB	GB	TILL
-4,5	7.8	0.4	7.4	222.8	179.6	43.2	32.3	10.9	0	NA	BD	60	40	NA	1	U	Y	Y	Y	GB	GB	TILL
14A-1,2	9.2	0.1	9.1	188.3	155.1	33.2	23.4	9.6	0	NA	G	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-3,4	11.5	0.6	10.9	69.8	43.4	26.4	17.3	9.1	0	NA	P	80	20	NA	1	U	Y	Y	Y	GB	GB	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG. WET)			WEIGHT (GRAMS DRY)				AU		DESCRIPTION								CLASS				
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M. I. CONC			NO. V.G.	CALC PP9	CLAST				MATRIX				ST	CY	COLOR		
					M.I.	CONC.	NON MAG			SIZE	%	S/W	SD	CY	COLOR							
																LIGHTS	TOTAL				MAG	V/S
-05	6.0	0.1	5.9	50.9	29.5	21.4	13.7	7.7	0	NA	G	75	25	NA	1	U	Y	Y	Y	GB	GB	TILL
-06	6.1	0.1	6.0	58.0	40.5	17.5	11.0	6.5	1	263	P	85	15	NA	1	U	Y	Y	Y	GB	GB	TILL
-07	7.8	0.4	7.4	42.6	26.6	16.0	11.7	4.3	0	NA	P	30	70	NA	1	U	Y	Y	Y	GB	GB	TILL
-08	9.2	0.1	9.1	52.9	34.8	18.0	13.3	4.7	1	371	P	60	40	NA	NA	U	Y	Y	Y	GB	GB	TILL
-09	11.5	0.6	10.9	49.3	35.5	13.5	8.4	5.1	0	NA	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	TILL
15-1,2	7.4	0.0	7.4	87.0	60.1	26.9	13.8	13.1	1	6	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.2	0.0	6.2	55.6	37.2	18.4	13.5	4.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	5.7	0.0	5.7	52.9	29.1	23.8	18.5	5.3	1	418	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-05	5.7	0.3	5.4	90.8	71.7	19.1	14.9	4.2	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
-06	3.8	0.2	3.6	42.6	28.8	13.8	10.5	3.3	0	NA	P	50	50	NA	NA	U	Y	Y	Y	GY	GY	TILL
-07	6.3	0.3	6.0	96.5	73.0	23.5	13.0	10.5	0	NA	P	90	20	NA	NA	U	Y	Y	Y	GY	GY	TILL
16-01	3.6	0.0	3.6	58.3	31.3	27.0	23.0	4.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-02	3.7	0.1	3.6	136.0	118.5	17.5	12.0	5.5	0	NA	P	85	15	NA	NA	U	Y	Y	Y	GY	GY	TILL
-03	4.0	0.1	3.9	113.5	98.1	15.4	9.8	5.6	0	NA	BR	100	0	NA	NA	U	Y	Y	Y	GG	GY	TILL
17-1,2	7.7	0.0	7.7	97.7	75.8	21.9	15.1	6.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	4.1	0.0	4.1	45.0	26.9	18.1	13.0	5.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	6.0	0.1	5.9	62.3	43.7	18.6	12.3	6.3	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GB	GY	TILL
17A-1,2	7.1	0.0	7.1	74.3	58.6	15.7	10.7	5.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	4.0	0.0	4.0	66.7	49.9	16.8	12.9	3.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	3.3	0.0	3.3	46.7	36.4	10.3	8.3	2.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	3.3	0.0	3.3	44.4	38.0	6.4	4.8	1.6	0	NA	TR	BA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
18-1,2	6.7	0.0	6.7	51.8	32.4	19.4	13.4	6.0	1	216	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.1	0.2	5.9	118.7	85.7	33.0	23.0	10.0	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GY	TILL
-04	5.7	0.0	5.7	101.5	70.0	31.5	22.5	9.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GY	TILL
-05	6.3	0.0	6.3	137.1	110.5	26.6	17.9	8.7	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GY	TILL
19-1,2	10.2	0.0	10.2	129.7	99.2	30.5	21.6	8.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	6.0	0.0	6.0	75.1	52.6	22.5	15.8	6.7	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-04	6.3	0.0	6.3	82.5	57.6	24.9	17.7	7.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	6.7	0.2	6.5	97.1	72.8	24.3	17.6	6.7	0	NA	C	20	80	NA	NA	U	Y	Y	Y	GB	GB	TILL
20-01	5.4	0.0	5.4	74.5	53.1	21.4	15.8	5.6	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-02	4.5	0.2	4.3	82.3	55.2	27.1	18.4	8.7	0	NA	BR	98	2	NA	NA	U	Y	Y	Y	B	B	TILL
21-1,2	10.4	0.0	10.4	244.6	209.2	35.4	24.1	11.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	5.0	0.2	4.8	129.5	109.3	20.2	14.7	5.5	0	NA	C	85	15	NA	NA	U	Y	Y	Y	B	B	TILL
-4,5	10.8	0.1	10.7	112.0	89.8	22.2	15.4	6.8	0	NA	BR	90	10	NA	NA	U	Y	Y	Y	B	B	TILL
22-1,2	9.1	0.0	9.1	137.5	109.9	27.6	17.4	10.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	5.3	0.1	5.2	77.0	56.4	18.6	12.9	5.7	0	NA	C	90	10	NA	NA	U	Y	Y	Y	B	B	TILL
-04	5.0	0.1	4.9	75.0	58.9	16.1	11.5	4.6	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	6.0	0.1	5.9	93.9	71.7	22.2	15.1	7.1	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
-06	5.7	0.1	5.6	93.6	71.3	22.3	15.9	6.4	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
23-1,2	7.2	0.0	7.2	112.3	76.4	35.9	20.5	15.3	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GG	BN	TILL
24-01	2.9	0.5	2.4	103.7	85.4	18.3	14.9	3.4	0	NA	C	90	10	NA	NA	U	Y	Y	Y	BN	BN	TILL
25-01	6.1	0.1	6.0	218.5	150.9	67.6	27.2	40.4	0	NA	C	99	1	NA	NA	U	Y	Y	Y	GY	GY	TILL
25A-01	5.6	0.1	5.5	163.2	144.3	18.9	16.6	2.3	0	NA	P	95	5	NA	NA	U	Y	Y	Y	GY	BN	TILL
26-01	3.0	0.0	3.0	146.9	113.5	33.4	28.6	4.8	5	267	P	85	15	NA	NA	U	Y	Y	Y	BN	BN	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)				AU	DESCRIPTION	CLASS												
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M. I. CONC						CLAST		MATRIX									
					M.I.	CONC.	NON				NO.	CALC	SIZE	%	S/U	SD	ST	CY	COLOR			
					LIGHTS	TOTAL	MAG													MAG	V.G.	PPB
27-1,2	12.5	0.1	12.4	284.9	221.0	43.9	28.1	15.8	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.7	0.1	6.6	67.2	51.1	16.1	10.5	5.6	1	470	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	7.0	0.1	6.9	56.2	39.4	16.8	11.5	5.3	1	991	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	1.7	0.0	1.7	35.5	26.7	9.8	8.1	1.7	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
28-1,2	7.7	0.0	7.7	59.4	35.2	24.2	14.6	9.6	1	1282	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
28A-1,2	12.9	0.1	12.8	107.8	79.3	28.5	16.2	12.3	0	NA	C	80	20	NA	NA	U	Y	Y	Y	B	B	TILL
-03	6.4	0.1	6.3	54.9	38.7	16.2	10.1	6.1	0	NA	C	60	40	NA	NA	U	Y	Y	Y	B	B	TILL
-04	6.4	0.0	6.4	53.5	34.1	19.4	13.1	6.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-05	6.3	0.3	6.0	132.4	103.1	29.3	20.9	8.4	1	18	BR	100	NA	NA	NA	U	Y	Y	Y	GG	GN	TILL
29-1,2	12.5	0.2	12.3	88.1	69.3	18.8	9.8	9.0	1	295	P	35	65	NA	NA	U	Y	Y	Y	GB	GB	TILL
-03	6.7	0.1	6.6	48.1	31.6	16.5	9.4	7.1	1	160	P	60	40	NA	NA	U	Y	Y	Y	GB	GY	TILL
-04	5.7	0.0	6.7	60.9	41.4	19.5	12.5	7.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GY	TILL
-05	6.2	0.5	5.7	60.8	45.2	15.6	11.1	4.5	1	445	P	80	15	5	1	U	Y	Y	Y	GB	GB	TILL
30-1,2	10.3	0.1	10.2	75.5	56.8	18.7	12.1	6.6	1	53	P	80	20	NA	NA	U	Y	Y	Y	GB	BN	TILL
-03	5.5	0.0	5.5	75.3	56.4	18.9	13.8	5.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-04	5.0	0.5	4.5	46.4	27.5	18.9	13.0	5.9	0	NA	P	85	15	NA	NA	U	Y	Y	Y	GY	GY	TILL
-05	6.3	0.0	6.3	60.6	40.0	20.8	14.5	6.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GY	TILL
-06	5.5	0.0	5.5	42.3	31.0	11.3	7.7	3.6	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GY	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)			AU			DESCRIPTION							CLASS					
	=====			=====			=====			=====							=====					
				M. I. CONC						CLAST			MATRIX									
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	NO. MAG	CALC V.G.	NO. PPB	SIZE	%	S/D	SD	ST	CY	COLOR	SD	CY			
										V/S	GR	LE	OT									
GTD-85																						
30-07	6.3	0.0	6.3	120.0	101.4	18.6	12.8	5.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
31-1,2	8.5	0.0	8.5	165.0	130.9	34.1	24.8	9.3	1	60	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	5.3	0.0	5.3	159.5	128.4	31.1	22.0	9.1	4	424	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	4.2	0.2	4.0	159.7	141.3	18.4	15.2	3.2	0	NA	P	85	15	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	6.0	0.1	5.9	131.0	103.6	27.4	20.2	7.2	0	NA	C	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-06	5.5	0.0	5.5	162.9	134.2	28.7	21.9	6.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
32-1,2	9.5	0.0	9.5	254.0	216.4	37.6	30.2	7.4	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	4.0	0.0	4.0	73.3	58.6	14.7	11.8	2.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	6.0	0.0	6.0	100.7	80.0	20.7	16.8	3.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
33-1,2	10.6	0.0	10.6	176.4	150.0	26.4	17.1	9.3	1	169	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	4.5	0.0	4.5	136.2	119.6	16.6	12.5	4.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-04	3.9	0.0	3.9	91.3	79.3	12.0	8.2	3.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	3.6	0.0	3.6	76.9	65.3	11.6	8.1	3.5	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-6,7	4.9	0.0	4.9	149.9	135.0	14.9	11.6	3.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
34-1,2	6.5	0.0	6.5	160.0	135.0	25.0	18.2	6.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	BN	TILL
-3,4	7.5	0.0	7.5	134.0	102.0	32.0	23.5	8.5	1	210	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-05	3.0	0.0	3.0	112.5	97.8	14.7	11.6	3.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-06	4.2	0.0	4.2	162.6	144.2	18.4	12.6	5.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-07	3.4	0.0	3.4	150.6	133.6	17.0	13.1	3.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GN	GY	TILL
-08	4.9	0.0	4.9	166.4	137.0	29.4	23.2	6.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GN	GY	TILL
-09	5.4	0.0	5.4	126.4	102.7	23.7	18.4	5.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GN	GY	TILL
35-01	3.0	0.0	3.0	116.1	98.1	18.0	11.0	7.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	BN	BN	TILL
35A-1,2	10.6	0.3	10.3	195.3	158.8	36.5	23.2	13.3	0	NA	P	80	20	NA	NA	U	Y	Y	Y	BN	BN	TILL
-3,4	6.3	0.2	6.1	210.7	177.2	33.5	23.2	10.3	1	334	P	80	20	NA	1	U	Y	Y	Y	GY	GY	TILL
-5,6	9.5	0.0	9.5	170.6	134.3	36.3	24.1	12.2	1	259	TR	NA	NA	NA	NA	U	Y	Y	Y	GG	GY	TILL
-07	4.0	0.2	3.8	128.4	104.5	23.9	18.8	5.1	0	NA	P	75	25	NA	1	U	Y	Y	Y	GG	GY	TILL
36-1,2	8.0	0.0	8.0	248.5	214.2	34.3	24.1	10.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-03	5.0	0.2	4.8	227.8	200.0	27.8	18.3	9.5	0	NA	P	90	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	5.1	0.1	5.0	131.5	103.6	27.9	19.8	8.1	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	5.1	0.1	5.0	174.2	147.9	26.3	19.7	6.6	0	NA	P	95	5	NA	NA	U	Y	Y	Y	GMB	GB	TILL
37-1,2	6.7	0.0	6.7	185.0	150.8	34.2	24.8	9.4	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	BN	TILL
-03	5.4	0.0	5.4	157.1	129.9	27.2	19.6	7.6	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	5.3	0.0	5.3	194.9	173.2	21.7	15.6	6.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-5,6	7.0	0.1	6.9	228.1	196.1	32.0	22.2	9.8	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
38-1,2	7.4	0.0	7.4	186.2	153.6	32.6	22.8	9.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	BN	TILL
-03	5.0	0.0	5.0	236.8	212.2	18.6	12.7	5.9	3	19281	P	80	20	NA	NA	U	Y	Y	Y	GB	B	TILL
-04	5.5	0.0	5.5	141.8	123.5	18.3	13.1	5.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	5.2	0.1	5.1	145.6	127.8	17.8	12.8	5.0	0	NA	P	40	60	NA	NA	U	Y	Y	Y	GB	GB	TILL
-06	5.2	0.0	5.2	230.4	217.7	12.7	9.2	3.5	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
39-1,2	7.2	0.0	7.2	166.0	149.1	18.9	13.8	5.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	BN	TILL
-03	4.0	0.0	4.0	176.4	158.7	17.7	14.1	3.6	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-04	5.2	0.0	5.2	56.3	36.9	19.4	13.7	5.7	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-05	4.9	0.0	4.9	60.1	44.3	15.9	11.6	4.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GY	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG. WET)			WEIGHT (GRAMS DRY)				AU		DESCRIPTION								CLASS				
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	NO. V.G.	CALC PPB	SIZE	%	S/U SD		ST CY COLOR		SD	CY					
				M. I. CONC						CLAST		MATRIX										
										V/S GR		LS	QT									
40-01	3.5	0.1	3.4	86.2	76.4	9.8	7.5	2.3	0	NA	P	50	40	NA	1	U	Y	Y	Y	GB	GB	TILL
41-1,2	8.9	0.1	8.8	68.7	45.9	22.8	16.3	6.5	0	NA	P	80	20	NA	NA	U	Y	Y	Y	GB	GB	TILL
-3,4,5	12.4	0.3	12.1	63.4	30.5	32.9	22.7	10.2	0	NA	C	95	5	NA	NA	U	Y	Y	Y	GB	GB	TILL
-6,7	10.5	0.0	10.5	104.2	62.6	41.6	29.6	12.0	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-08	4.9	0.1	4.8	46.7	33.8	12.9	9.2	3.7	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-09	5.1	0.1	5.0	61.7	43.6	18.1	13.6	4.5	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-10	3.8	0.1	3.7	55.8	42.2	13.6	9.7	3.9	0	NA	P	70	30	NA	NA	U	Y	Y	Y	GB	GB	TILL
-11	4.1	0.4	3.7	98.4	85.5	12.9	10.0	2.9	0	NA	P	70	30	NA	1	U	Y	Y	Y	GY	GY	TILL
-12	4.2	0.1	4.1	100.9	84.0	16.9	13.4	3.5	0	NA	C	90	10	NA	NA	U	Y	Y	Y	GB	GY	TILL
-13	3.4	0.0	3.4	64.2	50.7	13.5	11.2	2.3	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-14	4.2	0.3	3.9	95.2	83.4	11.8	9.7	2.1	0	NA	C	100	0	NA	NA	U	Y	Y	Y	GB	GY	TILL
42-1,2	8.8	0.0	8.8	203.0	170.6	32.4	21.8	10.6	1	434	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
42A-1,2	10.0	0.0	10.0	193.9	160.8	33.1	20.9	12.2	4	861	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-3,4	9.4	0.0	9.4	147.9	121.0	26.9	17.1	9.8	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	GB	TILL
-05	5.2	0.0	5.2	97.6	80.7	16.9	13.0	3.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GB	GB	TILL
-06	4.4	0.0	4.4	120.7	100.1	20.6	16.1	4.5	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-07	4.9	0.0	4.9	116.6	100.8	15.8	12.0	3.8	1	950	TR	NA	NA	NA	NA	U	Y	Y	Y	GY	GY	TILL
-08	4.5	0.2	4.3	111.9	91.9	20.0	15.9	4.1	1	310	P	70	30	NA	NA	U	Y	Y	Y	GY	GY	TILL
-09	3.0	0.3	2.7	89.7	78.2	11.5	8.6	2.9	0	NA	P	90	10	NA	NA	U	Y	Y	Y	GY	GY	TILL
43-1,2	9.1	0.0	9.1	107.5	73.6	33.9	24.7	9.2	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-03	5.8	0.1	5.7	98.5	77.1	21.4	15.3	6.1	0	NA	P	80	20	NA	NA	U	Y	Y	Y	B	B	TILL
-04	5.6	0.0	5.6	87.5	65.5	22.0	15.8	6.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
44-1,2,3	14.6	0.0	14.6	168.8	135.0	33.8	24.5	9.3	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-04	5.1	0.0	5.1	103.4	77.1	26.3	20.6	5.7	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-05	4.7	0.0	4.7	102.3	76.1	26.2	20.5	5.7	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-06	4.1	0.0	4.1	56.0	40.2	15.8	11.6	4.2	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-07	3.9	0.0	3.9	91.8	77.2	14.6	11.0	3.6	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
45-1,2,3	15.5	0.0	15.5	427.9	388.7	39.2	27.1	12.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-4,5	10.9	0.0	10.9	390.2	355.2	35.0	26.9	8.1	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	GNB	GNB	TILL
-6,7	9.8	0.0	9.8	206.6	169.1	37.5	26.5	11.0	3	535	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-08	5.4	0.0	5.4	76.1	59.0	17.1	12.3	4.8	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-09	4.3	0.0	4.3	58.7	33.1	25.6	19.2	6.4	1	10	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND
-10	4.6	0.0	4.6	141.0	123.0	18.0	11.8	6.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
46-1,2	7.6	0.0	7.6	169.0	127.2	41.8	31.6	10.2	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-3,4	8.6	0.0	8.6	101.0	74.9	26.1	19.2	6.9	0	NA	TR	NA	NA	NA	NA	U	Y	Y	Y	B	B	TILL
-05	5.2	0.0	5.2	72.3	44.9	27.4	21.1	6.3	0	NA	TR	NA	NA	NA	NA	S	F	Y	Y	B	B	SAND

GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				NON MAG	TOTAL GMS	CALC V.G. ASSAY PPB	REMARKS		
				ABRADED =====		IRREGULAR =====						DELICATE =====	
				T	P	T	P	T	P				
										TOTAL	1	38.1	39
07-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
08-01	N	NO VISIBLE GOLD											
09-1,2	N	NO VISIBLE GOLD											
-3,4	N	NO VISIBLE GOLD											
-05	N	NO VISIBLE GOLD											
-06	N	NO VISIBLE GOLD											
10-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
11-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
-04	N	NO VISIBLE GOLD											
12-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
13-1,2	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											
-04	N	NO VISIBLE GOLD											
-05	N	NO VISIBLE GOLD											
-06	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND FANNING

SAMPLE #	FANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS						TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
				ABRADED =====		IRREGULAR =====		DELICATE =====					
				T	P	T	P	T	P				
-03	N	200 X 400	54 C			1				1			
										TOTAL	1	22.5	1620
-4,5	N	NO VISIBLE GOLD											
14A-1,2	N	NO VISIBLE GOLD											
-3,4	N	NO VISIBLE GOLD											
-05	N	NO VISIBLE GOLD											
-06	N	100 X 150	25 C	1						1			
										TOTAL	1	11.0	263
-07	N	NO VISIBLE GOLD											
-08	N	150 X 150	29 C	1						1			
										TOTAL	1	13.3	371
-09	N	NO VISIBLE GOLD											
15-1,2	Y	25 X 50	8 C			1				1		EST. 20% PYRITE.	
										TOTAL	1	13.8	6
-03	N	NO VISIBLE GOLD											
-04	Y	150 X 200	34 C			1				1		EST. 35% PYRITE.	
										TOTAL	1	18.5	418
-05	N	NO VISIBLE GOLD											
-06	N	NO VISIBLE GOLD											
-07	N	NO VISIBLE GOLD											
16-01	N	NO VISIBLE GOLD											
-02	N	NO VISIBLE GOLD											
-03	N	NO VISIBLE GOLD											

GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS						NON MAG	CALC V.G. ASSAY PPB	REMARKS	
					ABRADED		IRREGULAR		DELICATE					TOTAL
					T	P	T	P	T	P				
-06	N		NO VISIBLE GOLD											
23-1,2	N		NO VISIBLE GOLD											
24-01	N		NO VISIBLE GOLD											
25-01	N		NO VISIBLE GOLD											
25A-01	N		NO VISIBLE GOLD											
26-01	Y		25 X 25	5 C							1	EST. 1% PYRITE.		
			25 X 50	30 C					1	1				
			50 X 75	13 C	1					1				
			75 X 200	27 C			1			1				
			125 X 125	25 C	1					1				
TOTAL											5	28.6	267	
02	N		NO VISIBLE GOLD											
27-1,2	N		NO VISIBLE GOLD											
-03	N		125 X 175	29 C			1				1			
TOTAL											1	10.5	470	
-04	N		150 X 250	38 C	1						1			
TOTAL											1	11.5	991	
-05	N		NO VISIBLE GOLD											
-06	N		NO VISIBLE GOLD											
28-1,2	N		150 X 325	44 C	1						1			
TOTAL											1	14.6	1282	
28A-1,2	N		NO VISIBLE GOLD											
-03	N		NO VISIBLE GOLD											
-04	N		NO VISIBLE GOLD											
-05	N		50 X 75	13 C	1						1			

GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				DELICATE T P	NON MAG	CALC V.G. ASSAY PPB	REMARKS	
				ABGRADED		IRREGULAR						TOTAL
				T	P	T	P					
29-1,2	N	100 X 150	25 C	1				1				
								TOTAL	1	9.8	295	
-03	N	100 X 100	20 C	1				1				
								TOTAL	1	9.4	160	
-04	N	NO VISIBLE GOLD										
-05	N	100 X 200	29 C			1		1				
								TOTAL	1	11.1	445	
30-1,2	N	75 X 75	15 C	1				1				
								TOTAL	1	12.1	53	
-03	N	NO VISIBLE GOLD										
-04	N	NO VISIBLE GOLD										
-05	N	NO VISIBLE GOLD										
-06	N	NO VISIBLE GOLD										

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE # PANNED	Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				DELICATE T P	NON MAG	CALC V.G. ASSAY	REMARKS			
				ABRADED		IRREGULAR						TOTAL	GNS	FPB
				T	P	T	P							
GTD-85														
30-07	N	NO VISIBLE GOLD												
31-1,2	N	75 X 125	20 C	1				1						
								TOTAL	1	24.8	60			
-03	Y	25 X 75	10 C				1	1		EST. 1% PYRITE.				
		100 X 150	25 C	1				1						
		150 X 175	31 C			1		1						
		250 X 300	50 C	1				1						
								TOTAL	4	22.0	424			
-04	N	NO VISIBLE GOLD												
-05	N	NO VISIBLE GOLD												
-06	N	NO VISIBLE GOLD												
32-1,2	N	NO VISIBLE GOLD												
-03	N	NO VISIBLE GOLD												
-04	N	NO VISIBLE GOLD												
33-1,2	N	100 X 150	25 C	1				1						
								TOTAL	1	17.1	169			
-03	N	NO VISIBLE GOLD												
-04	N	NO VISIBLE GOLD												
-05	N	NO VISIBLE GOLD												
-6,7	N	NO VISIBLE GOLD												
34-1,2	N	NO VISIBLE GOLD												
-3,4	N	100 X 200	29 C	1				1						
								TOTAL	1	23.5	210			
-05	N	NO VISIBLE GOLD												
-06	N	NO VISIBLE GOLD												

GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				TOTAL	GMS	NON MAG	CALC V.G. ASSAY	REMARKS		
					ABGRADED		IRREGULAR							DELICATE	
					T	P	T	P						T	P
-07	N		NO VISIBLE GOLD												
-08	N		NO VISIBLE GOLD												
-09	N		NO VISIBLE GOLD												
35-01	N		NO VISIBLE GOLD												
35A-1,2	N		NO VISIBLE GOLD												
-3,4	N	175 X 175	34 C	1					1						
									TOTAL	1	23.2	334			
-5,6	N	150 X 175	31 C	1					1						
									TOTAL	1	24.1	259			
-07	N		NO VISIBLE GOLD												
36-1,2	N		NO VISIBLE GOLD												
-03	N		NO VISIBLE GOLD												
-04	N		NO VISIBLE GOLD												
-05	N		NO VISIBLE GOLD												
37-1,2	N		NO VISIBLE GOLD												
-03	N		NO VISIBLE GOLD												
-04	N		NO VISIBLE GOLD												
-5,6	N		NO VISIBLE GOLD												
38-1,2	N		NO VISIBLE GOLD												
-03	Y	50 X 75	13 C		1				1			EST. 0.25% PYRITE.			
		100 X 100	20 C	1					1						
		500 X 700	90 C	1					1						
									TOTAL	3	12.7	19281			
-04	N		NO VISIBLE GOLD												
-05	N		NO VISIBLE GOLD												

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				NON MAG	TOTAL GMS	CALC V.G. ASSAY PPB	REMARKS		
					ABRADED		IRREGULAR						DELICATE	
					T	P	T	P					T	P
-05	N		NO VISIBLE GOLD											
39-1,2	N		NO VISIBLE GOLD											
-03	N		NO VISIBLE GOLD											
-04	N		NO VISIBLE GOLD											
-05	N		NO VISIBLE GOLD											
-06	N		NO VISIBLE GOLD											
40-01	N		NO VISIBLE GOLD											
41-1,2	N		NO VISIBLE GOLD											
-3,4,5	N		NO VISIBLE GOLD											
-6,7	N		NO VISIBLE GOLD											
-08	N		NO VISIBLE GOLD											
-09	N		NO VISIBLE GOLD											
-10	N		NO VISIBLE GOLD											
-11	N		NO VISIBLE GOLD											
-12	N		NO VISIBLE GOLD											
-13	N		NO VISIBLE GOLD											
-14	N		NO VISIBLE GOLD											
42-1,2	N		175 X 200	36 C					1					
									TOTAL	1	21.8	434		
42A-1,2	Y		75 X 75	15 C					1		EST. 0.25% PYRITE.			
			75 X 100	18 C					1					
			100 X 200	29 C			1		1					
			150 X 250	38 C					1					
									TOTAL	4	20.9	861		
-3,4	N		NO VISIBLE GOLD											

GOLD CLASSIFICATION

=====

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NUMBER OF GRAINS

SAMPLE #	PANNED	DIAMETER	THICKNESS	NUMBER OF GRAINS				TOTAL	GMS	CALC V.G.	REMARKS	
				ABRADED		IRREGULAR						DELICATE
Y/N				T	P	T	P	T	P	PPB		
-06	N	NO VISIBLE GOLD										
-07	N	200 X 200	38 C	1						1		
									TOTAL	1	12.0	950
-08	N	100 X 200	29 C	1						1		
									TOTAL	1	15.9	310
-09	N	NO VISIBLE GOLD										
43-1,2	N	NO VISIBLE GOLD										
-03	N	NO VISIBLE GOLD										
-04	N	NO VISIBLE GOLD										
44-1,2,3	N	NO VISIBLE GOLD										
-04	N	NO VISIBLE GOLD										
-05	N	NO VISIBLE GOLD										
-06	N	NO VISIBLE GOLD										
-07	N	NO VISIBLE GOLD										
45-1,2,3	N	NO VISIBLE GOLD										
-4,5	N	NO VISIBLE GOLD										
-6,7	Y	50 X 50	10 C							1	NO SULPHIDES.	
		125 X 200	31 C	1						1		
		150 X 200	34 C	1						1		
									TOTAL	3	26.5	535
-08	N	NO VISIBLE GOLD										
-09	N	50 X 50	10 C	1						1		
									TOTAL	1	19.2	10
-10	N	NO VISIBLE GOLD										
44-1,2	N	NO VISIBLE GOLD										

GOLD CLASSIFICATION

=====
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NUMBER OF GRAINS

SAMPLE # PANNED Y/N DIAMETER THICKNESS ABRRADED IRREGULAR DELICATE NON MAG CALC V.G. ASSAY EPB REMARKS
=====

-3,4 N NO VISISLE GOLD

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHALING TABLE HAS FOLLOWING

NUMBER OF GRAINS

SAMPLE #	PANKED	DIAMETER	THICKNESS	NUMBER OF GRAINS				TOTAL	GMS	CALC. V. G.	REMARKS
				ABSORBED	IRREGULAR	DELICATE	NON				
				T	P	T	P				
46-06.07	N	NO VISIBLE GOLD									
47-01.11	N	NO VISIBLE GOLD									
47-02.04	N	NO VISIBLE GOLD									
47-03	N	NO VISIBLE GOLD									
47-05	N	NO VISIBLE GOLD									
48-01.02	N	NO VISIBLE GOLD									
48-03	N	NO VISIBLE GOLD									
48-05	N	NO VISIBLE GOLD									
49-01	Y	100 X	200	25 C				1			
								TOTAL	1	12.6	392
50-01	Y	75 X	100	18 C				1			
								TOTAL	1	16.5	61
-02.03	Y	25 X	25	5 C				2		EST. 30% PYRITE	
		50 X	75	15 C				1			
		50 X	100	15 C				2			
		100 X	150	25 C				1			
		150 X	300	42 C				1			
								TOTAL	7	20.5	1006
51-01	N	NO VISIBLE GOLD									
-02	N	NO VISIBLE GOLD									
52-01	N	350 X	600	77 C				1			
								TOTAL	1	12.7	10255
53-01	N	NO VISIBLE GOLD									
54-01	N	25 X	25	5 C				1		EST. 1% PYRITE	
		50 X	50	10 C				2			
		150 X	200	34 C				1			
		150 X	225	38 C				1			
								TOTAL	6	17.3	1029

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND FANNING

SAMPLE #	FANNED	Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS				NON MAG	CALC V.G. ASSAY	REMARKS			
					ABRADED		IRREGULAR					DELICATE		
					T	P	T	P				T	P	TOTAL
46-06.07	N		NO VISIBLE GOLD											
47-01.02	N		NO VISIBLE GOLD											
-03.04	N		NO VISIBLE GOLD											
-05	N		NO VISIBLE GOLD											
47-06	N		NO VISIBLE GOLD											
48-01.02	N		NO VISIBLE GOLD											
-03	N		NO VISIBLE GOLD											
-04.05	N		NO VISIBLE GOLD											
49-01	Y		100 X 200	29 C		1					1			
											TOTAL			
											1	12.6	392	
50-01	Y		75 X 100	18 C		1					1			
											TOTAL	1	16.5	61
-02.03	Y		25 X 25	5 C		2					2			
			50 X 75	13 C		1					1			
			50 X 100	15 C		2					2			
			100 X 150	25 C		1					1			
			150 X 300	42 C		1					1			
											TOTAL	7	20.5	1006
51-01	N		NO VISIBLE GOLD											
-02	N		NO VISIBLE GOLD											
52-01	N		350 X 600	77 C		1					1			
											TOTAL	1	12.7	10265
53-01	N		NO VISIBLE GOLD											
54-01	N		25 X 25	5 C							1			
			50 X 50	10 C		2					3			
			150 X 200	34 C		1					1			
			150 X 225	36 C		1					1			
											TOTAL	6	17.3	1027

APPENDIX 3

Analytical Results



Chapman

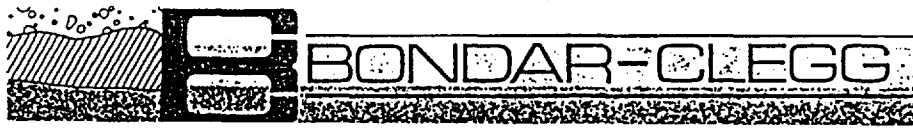
REPORT: 015-0313

PROJECT: C808

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPM	TestWt g
GTO 85 01-01 3/4		48	17	<0.1	500	6.00
GTO 85 01-03 3/4		195	110	0.6	70	
GTO 85 01-04 3/4		135	50	0.5	440	
GTO 85 01-06 3/4		155	58	0.4	110	
GTO 85 01-07 3/4		260	63	9.0	50	
GTO 85 01-08 3/4		155	53	0.4	140	
GTO 85 01-09 3/4		160	54	0.6	110	8.00
GTO 85 01-10 3/4		230	61	0.4	35	8.00
GTO 85 02-02 3/4		270	48	0.5	30	
GTO 85 02-03 3/4		250	73	0.6	110	
GTO 85 02-04 3/4		305	76	0.8	190	
GTO 85 03-01 3/4		145	30	0.4	55	9.00
GTO 85 03-02 3/4		120	34	0.3	<50	1.00
GTO 85 05-01 3/4		450	142	0.9	380	
GTO 85 06-01 3/4		540	47	0.5	55	
GTO 85 07-01 3/4		260	95	0.5	50	
GTO 85 08-01 3/4		135	26	<0.1	15	
GTO 85 09-01 3/4		34	17	<0.1	50	
GTO 85 09-03 3/4		32	14	<0.1	10	
GTO 85 09-05 3/4		146	30	<0.1	15	3.00
GTO 85 09-06 3/4		32	14	<0.1	80	
GTO 85 10-01 3/4		168	20	<0.1	45	
GTO 85 10-02 3/4		340	20	<0.1	60	
GTO 85 10-03 3/4		940	65	0.5	10	8.00
GTO 85 11-01 3/4		75	18	<0.5	260	8.00
GTO 85 11-02 3/4		84	38	0.3	1175	8.00
GTO 85 11-03 3/4		220	34	<0.1	140	
GTO 85 11-04 3/4		300	45	4.5	100	
GTO 85 12-01 3/4		160	40	0.4	355	7.00
GTO 85 12-02 3/4		1400	90	1.2	<25	2.00
GTO 85 12-03 3/4		510	350	1.2	15	7.00
GTO 85 13-01.02 3/4		120	28	<0.1	90	
GTO 85 13-03 3/4		160	18	0.3	60	
GTO 85 13-04 3/4		220	50	0.8	240	
GTO 85 13-05 3/4		260	36	0.4	60	
GTO 85 13-06 3/4		280	32	0.3	55	9.00
GTO 85 14-01 3/4		195	40	0.3	40	
GTO 85 14-04.05 3/4		350	30	0.4	2700	
GTO 85 14A-01.02 3/4		220	40	4.4	30	
GTO 85 14A-03.04 3/4		195	45	0.5	370	

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Geochemical
Lab Report

REPORT: 016-0313 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING
PROJECT: C808

SUBMITTED BY: OVERBURDEN DRILLING
DATE PRINTED: 10-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	68	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	68	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	Ag Silver	68	0.1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
4	Au Gold	68	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
5	TestWt Au Test Weight	34	0.01 gm		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	68	-200	68	PULVERIZE -200	68

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REPORT: 016-0313

PROJECT: C808

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPM	TestWt gm
GTO 85 14A-05 3/4		260	34	0.4	85	7.00
GTO 85 14A-06 3/4		300	40	0.5	465	6.00
GTO 85 14A-07 3/4		470	36	0.6	175	6.00
GTO 85 14A-08 3/4		360	28	0.3	215	7.00
GTO 85 14A-09 3/4		860	34	0.5	475	4.00
GTO 85 15-01.02 3/4		340	30	0.3	275	7.50
GTO 85 15-03 3/4		250	42	0.4	105	7.50
GTO 85 15-04 3/4		230	30	0.7	1240	
GTO 85 15-05 3/4		195	58	0.6	60	8.50
GTO 85 15-06 3/4		230	54	0.3	290	5.50
GTO 85 15-07 3/4		240	45	0.4	70	
GTO 85 16-01 3/4		260	68	0.4	40	7.00
GTO 85 16-02 3/4		150	30	<0.1	570	6.50
GTO 85 16-03 3/4		1300	28	0.2	160	5.00
GTO 85 17-01.02 3/4		175	38	0.3	810	8.50
GTO 85 17-03 3/4		153	54	0.5	2055	7.00
GTO 85 17-04 3/4		280	50	0.4	450	6.00
GTO 85 17A-01.02 3/4		160	45	0.5	220	5.50
GTO 85 17A-03 3/4		200	52	0.5	492	6.50
GTO 85 17A-04 3/4		200	33	0.4	25	4.00
GTO 85 17A-5 H		350	110	0.4	60	2.50
GTO 85 18-01.02 3/4		460	95	0.7	1320	7.50
GTO 85 18-03 3/4		470	93	0.8	340	
GTO 85 18-04 3/4		450	200	0.8	250	
GTO 85 18-05 3/4		730	105	0.9	400	
GTO 85 19-01.02 3/4		225	58	0.4	50	
GTO 85 19-03 3/4		260	64	0.5	195	9.50
GTO 85 19-04 3/4		250	46	0.2	90	

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Geochemical
 Lab Report

REPORT: 016-0317 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING
 PROJECT: NONE

SUBMITTED BY: OVERBURDEN DRILLING
 DATE PRINTED: 10-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	84	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
2	Zn Zinc	84	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
3	Ag Silver	84	0.1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
4	Au Gold	84	5 PPB	AGUA REGIA	FA-AA @ 10 gm weight
5	TestWt Au Test Weight	49	0.01 gm		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	84	-200	84	PULVERIZE -200	86

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPM	TestWt gm
GTO-85-19-05-3/4		245	36	0.4	50	
GTO-85-20-01-3/4		85	23	<0.1	260	
GTO-85-20-02-3/4		95	54	0.9	740	
GTO-84-21-01.02-3/4		430	20	0.3	275	
GTO-85-21-03-3/4		176	19	0.2	125	9.60
GTO-85-21-04.05-3/4		260	12	<0.1	85	
GTO-85-22-03-3/4		150	40	0.2	115	
GTO-85-22-04-3/4		350	70	0.4	170	8.10
GTO-85-22-05-3/4		430	115	0.5	420	6.80
GTO-85-22-06-3/4		480	80	0.3	100	9.30
GTO-85-23-01.02-3/4		410	84	0.5	80	9.10
GTO-85-24-01-3/4		112	34	0.1	1225	
GTO-85-25-01-3/4		340	56	0.7	353	9.20
GTO-85-25A-01-3/4		142	30	0.3	300	
GTO-85-26-02-H		110	60	1.5	50	
GTO-85-27-01.02-3/4		34	20	0.2	165	
GTO-85-27-03-3/4		160	50	0.4	1880	6.30
GTO-85-27-05-3/4		440	40	0.1	410	3.50
GTO-85-28A-01.02-3/4		53	16	<0.1	255	
GTO-85-28A-03-3/4		170	450	0.4	145	5.80
GTO-85-28A-04-3/4		310	1150	0.8	240	8.00
GTO-85-28A-05-3/4		700	850	0.8	175	
GTO-85-29-01.02-3/4		390	58	0.7	1435	5.00
GTO-85-29-03-3/4		280	70	0.6	585	5.20
GTO-85-29-04-3/4		270	90	1.4	95	6.70
GTO-85-30-01.02-3/4		195	30	0.5	610	7.30
GTO-85-30-03-3/4		180	40	0.3	440	7.90
GTO-85-30-04-3/4		260	26	0.3	45	7.40
GTO-85-30-05-3/4		220	30	0.3	215	9.20
GTO-85-30-06-3/4		290	16	0.3	75	3.50
GTO-85-30-07-3/4		410	32	0.5	1045	7.60
GTO-85-31-01.02-3/4		115	17	0.1	12820	
GTO-85-31-04-3/4		250	20	0.4	110	9.00
GTO-85-31-05-3/4		300	116	0.5	40	
GTO-85-31-06-3/4		550	75	0.4	80	
GTO-85-32-01.02-3/4		210	72	1.0	975	
GTO-85-32-03-3/4		190	47	0.3	135	6.70
GTO-85-32-04-3/4		200	48	0.2	160	
GTO-85-33-01.02-3/4		260	30	0.4	370	
GTO-85-33-03-3/4		175	25	0.2	25	7.60

12.52 g/m
= 19 g/m



REPORT: 016-0317

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPM	Test Wt gm
GTO-85-33-04-3/4		310	55	1.2	45	4.00
GTO-85-33-05-3/4		175	60	0.3	25	4.00
GTO-85-33-06-3/4		230	65	0.3	75	6.40
GTO-85-34-01,02-3/4		135	36	0.3	435	
GTO-85-34-05-3/4		130	67	0.3	40	6.40
GTO-85-34-06-3/4		155	62	0.4	555	6.90
GTO-85-34-07-3/4		150	37	0.3	25	7.90
GTO-85-34-08-3/4		85	26	0.1	35	
GTO-85-34-09-3/4		82	30	0.3	45	
GTO-85-35-01-3/4		118	20	0.1	105	6.10
GTO-85-35A-01,02-3/4		95	20	<0.1	235	
GTO-85-35A-03,04-3/4		250	95	0.8	140	
GTO-85-35A-05,06-3/4		300	90	0.6	110	
GTO-85-35A-07-3/4		220	50	0.4	210	
GTO-85-36-01,02-3/4		30	21	0.2	80	
GTO-85-36-03-3/4		162	45	0.5	145	
GTO-85-36-04-3/4		210	240	0.2	14890	
GTO-85-36-05-3/4		215	58	0.5	125	
GTO-85-37-03-3/4		185	80	0.7	550	
GTO-85-37-04-3/4		180	79	0.6	115	
GTO-85-37-05,06-3/4		310	74	0.6	70	
GTO-85-38-01,02-3/4		40	14	<0.1	70	
GTO-85-38-04-3/4		42	16	<0.1	115	7.90
GTO-85-38-05-3/4		290	52	0.4	145	7.80
GTO-85-38-06-3/4		90	26	0.2	30	4.20
GTO-85-39-01,02-3/4		270	55	0.7	505	8.50
GTO-85-39-03-3/4		190	50	0.3	170	7.80
GTO-85-39-04-3/4		300	74	0.6	115	8.60
GTO-85-39-05-3/4		300	65	0.5	240	7.30
GTO-85-39-06-3/4		380	75	0.5	1295	6.50
GTO-85-40-01-3/4		67	20	<0.1	75	3.80
GTO-85-41-01,02-3/4		250	50	0.7	25	9.60
GTO-85-41-03,04,05,3/4		330	80	0.5	575	
GTO-85-41-06,07-3/4		310	75	0.5	120	
GTO-85-41-08-3/4		390	80	0.4	510	5.00
GTO-85-41-09-3/4		370	88	0.4	350	8.40
GTO-85-41-10-3/4		370	55	0.2	270	5.10
GTO-85-41-11-3/4		460	56	0.3	75	5.20
GTO-85-41-12-3/4		590	48	0.2	135	8.20
GTO-85-41-13-3/4		260	26	0.1	215	6.80

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PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPM	TestWt gm
GTO-85-41-14-3/4		540	35	0.2	55	5.00
GTO-85-42A-03.04-3/4		72	16	0.6	10	9.30
GTO-85-42A-05-3/4		340	104	0.3	210	7.50
GTO-85-42A-06-3/4		270	55	<0.1	95	9.10

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REPORT: 016-Q318 (COMPLETE)

REFERENCE INFO:

CLIENT: APH CONSULTING
 PROJECT: NONE

SUBMITTED BY: OVERBURDEN DRILLING
 DATE PRINTED: 10-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	9	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
2	Zn Zinc	9	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
3	Ag Silver	9	0.1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
4	Au-150 Gold -150 Fraction	9	0.01 PPM	AQUA REGIA	Fire Assay AA
5	Au+150 Gold +150 Fraction	9	0.01 PPM	AQUA REGIA	Fire Assay AA
6	Au AV Gold Weight Average	9	0.01 PPM		
7	TestWt Au Test Weight -150	9	0.01 gms		
8	-150Wt Weight -150 Obtained	9	0.01 gms		
9	+150Wt Weight +150 Obtained	9	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	9	+150/-150	9	METALLICS +150/-150	9

REMARKS: < MEANS LESS THAN

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REPORT: 016-0318

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
GTO-85-26-01 3/4		128	40	0.4	0.69	0.11	0.67	10.00	12.36	0.38
GTO-85-27-04 3/4		230	88	0.5	1.76	0.08	1.64	6.00	6.76	0.50
GTO-85-28-01,02 3/4		51	12	0.2	2.94	<0.01	2.82	8.00	9.32	0.40
GTO-85-29-05 3/4		230	60	0.5	0.34	0.03	0.32	6.00	6.89	0.60
GTO-85-31-03 3/4		220	34	0.5	1.19	0.03	1.14	10.00	13.17	0.60
GTO-85-34-03,04 3/4		145	50	0.6	0.18	0.03	0.17	13.00	15.17	0.60
GTO-85-38-03 3/4		44	17	0.2	3.19	10.43	3.91	6.00	7.25	0.80
GTO-85-42-01,02 3/4		147	40	0.4	0.11	0.05	0.11	12.00	13.68	0.43
GTO-85-42A-01,02 3/4		28	20	<0.1	<0.01	0.05	<0.01	0.65	9.63	0.85



REPORT: 016-0360 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING
 PROJECT: NONE

SUBMITTED BY: STU AVERILL
 DATE PRINTED: 10-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	3	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	3	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	Ag Silver	3	0.1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
4	Au-150 Gold -150 Fraction	3	0.01 PPM	AQUA REGIA	Fire Assay AA
5	Au+150 Gold +150 Fraction	3	0.01 PPM	AQUA REGIA	Fire Assay AA
6	Au AV Gold Weight Average	3	0.01 PPM		
7	TestWt Au Test Weight -150	3	0.01 gms		
8	-150Wt Weight -150 Obtained	3	0.01 gms		
9	+150Wt Weight +150 Obtained	3	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	3	+150/-150	3	METALLICS +150/-150	3

REMARKS: < MEANS LESS THAN

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REPORT: 016-0360

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
GTO-85-42A-07-3/4		250	58	0.4	0.84	0.07	0.76	6.00	7.10	0.83
GTO-85-42A-08-3/4		230	78	0.3	0.64	0.03	0.57	9.00	10.05	1.29
GTO-85-45-06,07-3/4		44	20	<0.1	0.48	0.06	0.48	15.00	17.45	1.08



REPORT: 016-0361 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING
PROJECT: NONE

SUBMITTED BY: STU AVERILL
DATE PRINTED: 12-FEB-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	21	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	21	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	Ag Silver	21	0.1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
4	Au Gold	21	5 PPB	AQUA REGIA	FA-AA @ 10 gm weight
5	TestWt Au Test Weight	10	0.01 ga		

SAMPLE NUMBER	ANALYSES	TEST CONDITIONS	ANALYSES	SAMPLE PREPARATIONS	ANALYSES
HEAVY MINERAL CONC.	22	-200	22	PULVERIZE -200	21

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REPORT: 016-0361

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPM	FeS ₂ %
PREFIX 810-85						
42A-09-3/4		225	65	<0.1	75	4.00
43-01,02-3/4		37	16	<0.1	110	
43-03-3/4		83	20	<0.1	180	9.00
43-04-3/4		108	17	<0.1	80	9.00
44-01,02,03-3/4		77	16	<0.1	50	
44-04-3/4		84	20	<0.1	95	
44-05-3/4		26	16	<0.1	75	
44-06-3/4		35	20	<0.1	20	5.00
44-07-3/4		137	20	<0.1	80	5.00
45-01,02,03-3/4		34	26	<0.1	<5	
45-04,05-3/4		131	24	0.1	<5	
45-08-3/4		21	20	<0.1	55	6.00
45-09-3/4		29	20	<0.1	15	8.00
45-10-3/4		373	30	0.1	25	6.00
46-01,02-3/4		33	18	<0.1	10	
46-03,04-3/4		71	22	2.7	120	
46-05-3/4		18	16	<0.1	45	
46-06,07-3/4		444	23	0.2	65	
47-01,02-3/4		36	18	<0.1	40	
47-03,04-3/4		36	23	0.1	10	8.00
47-05-3/4		196	74	0.2	30	4.00

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REPORT: 016-0314 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING
 PROJECT: C808

SUBMITTED BY: OVERBURDEN DRILLING
 DATE PRINTED: 10-FEB-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	4	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	4	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	Ag Silver	4	0.1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
4	Au-150 Gold -150 Fraction	4	0.01 PPM	AQUA REGIA	Fire Assay AA
5	Au+150 Gold +150 Fraction	4	0.01 PPM	AQUA REGIA	Fire Assay AA
6	Au AV Gold Weight Average	4	0.01 PPM		
7	TestWt Au Test Weight -150	4	0.01 gms		
8	-150Wt Weight -150 Obtained	4	0.01 gms		
9	+150Wt Weight +150 Obtained	4	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	4	+150/-150	4	METALLICS +150/-150	4

REMARKS: < MEANS LESS THAN

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REPORT: 016-0314

PROJECT: C808

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au-150 PPM	Au+150 PPM	Au AV PPM	Test Wt gms	-150Wt gms	+150Wt gms
GTO 85 01-02 3/4		90	16	0.1	0.03	11.12	0.80	10.00	11.86	0.89
GTO 85 02-01 3/4		178	25	0.4	1.55	<0.01	1.51	12.00	14.06	0.38
GTO 85 01-05 3/4		125	55	0.4	0.17	5.22	0.51	7.50	9.34	0.67
GTO 85 14-03 3/4		520	34	0.6	0.31	50.73	2.31	11.00	13.35	0.55



REPORT: 016-0566

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPG	TestWt g/g
GTO-85-47-06-3/4		430	150	0.7	55	
GTO-85-48-01,02-3/4		58	16	0.1	10	
GTO-85-48-03-3/4		82	35	0.2	157	6.50
GTO-85-48-04,05-3/4		681	90	0.7	200	
GTO-85-50-01-3/4		296	85	0.2	260	
GTO-85-51-01-3/4		304	65	0.4	120	
GTO-85-51-02-3/4		332	45	0.3	137	1.20
GTO-85-53-01-3/4		154	20	0.2	2030	8.00
GTO-85-54-02-3/4		274	48	0.5	130	
GTO-85-54-03-3/4		613	79	0.9	490	
GTO-85-55-01-3/4		194	20	0.2	550	



REPORT: 016-0567

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au-150 PPM	Au+150 PPM	Au 4V PPM	TestWt gms	-150Wt gms	+150Wt gms
6T0-85-49-01-3/4		308	51	0.4	0.16	0.01	0.15	5.50	7.65	0.24
6T0-85-50-02,03-3/4		381	33	0.5	0.73	0.17	0.70	11.00	15.71	0.93
6T0-85-52-01-3/4		154	17	0.1	0.18	14.04	1.08	5.50	7.88	0.54
6T0-85-54-01-3/4		291	25	0.2	0.16	0.09	0.16	9.50	11.63	0.64

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REPORT: 116-0313 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING
PROJECT: NONE

SUBMITTED BY: MPH CONSULTING
DATE PRINTED: 11-MAR-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	As Arsenic	68	2 PPM	HNO3-HClO4	Colourimetric

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
PREPARED PULP	68	AS RECEIVED	68	AS RECEIVED, NO SP	68

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REPORT: 116-0313

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	As PPM	SAMPLE NUMBER	ELEMENT UNITS	As PPM
GTO 85 01-01 3/4		4	GTO 85 14A-05 3/4		55
GTO 85 01-03 3/4		85	GTO 85 14A-06 3/4		103
GTO 85 01-04 3/4		40	GTO 85 14A-07 3/4		52
GTO 85 01-06 3/4		27	GTO 85 14A-08 3/4		31
GTO 85 01-07 3/4		39	GTO 85 14A-09 3/4		52
GTO 85 01-08 3/4		59	GTO 85 15-01,02 3/4		42
GTO 85 01-09 3/4		45	GTO 85 15-03 3/4		85
GTO 85 01-10 3/4		37	GTO 85 15-04 3/4		44
GTO 85 02-02 3/4		43	GTO 85 15-05 3/4		35
GTO 85 02-03 3/4		48	GTO 85 15-06 3/4		35
GTO 85 02-04 3/4		46	GTO 85 15-07 3/4		55
GTO 85 03-01 3/4		8	GTO 85 16-01 3/4		47
GTO 85 03-02 3/4		9	GTO 85 16-02 3/4		33
GTO 85 05-01 3/4		67	GTO 85 16-03 3/4		24
GTO 85 06-01 3/4		110	GTO 85 17-01,02 3/4		46
GTO 85 07-01 3/4		38	GTO 85 17-03 3/4		82
GTO 85 08-01 3/4		8	GTO 85 17-04 3/4		34
GTO 85 09-01 3/4		15	GTO 85 17A-01,02 3/4		53
GTO 85 09-03 3/4		2	GTO 85 17A-03 3/4		50
GTO 85 09-05 3/4		<2	GTO 85 17A-04 3/4		37
GTO 85 09-06 3/4		<2	GTO 85 17A-5 H		31
GTO 85 10-01 3/4		8	GTO 85 18-01,02 3/4		89
GTO 85 10-02 3/4		35	GTO 85 18-03 3/4		76
GTO 85 10-03 3/4		141	GTO 85 18-04 3/4		70
GTO 85 11-01 3/4		4	GTO 85 18-05 3/4		94
GTO 85 11-02 3/4		10	GTO 85 19-01,02 3/4		49
GTO 85 11-03 3/4		20	GTO 85 19-03 3/4		164
GTO 85 11-04 3/4		49	GTO 85 19-04 3/4		48
GTO 85 12-01 3/4		39			
GTO 85 12-02 3/4		308			
GTO 85 12-03 3/4		332			
GTO 85 13-01,02 3/4		11			
GTO 85 13-03 3/4		28			
GTO 85 13-04 3/4		39			
GTO 85 13-05 3/4		41			
GTO 85 13-06 3/4		23			
GTO 85 14-01 3/4		36			
GTO 85 14-04,05 3/4		32			
GTO 85 14A-01,02 3/4		64			
GTO 85 14A-03,04 3/4		76			

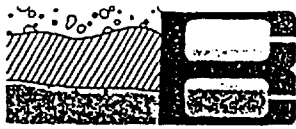


REPORT: 116-0317

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	As PPM	SAMPLE NUMBER	ELEMENT UNITS	As PPM
GT0-85-19-05-3/4		60	GT0-85-33-03-3/4		18
GT0-85-20-01-3/4		6	GT0-85-33-04-3/4		69
GT0-85-20-02-3/4		17	GT0-85-33-05-3/4		40
GT0-84-21-01,02-3/4		14	GT0-85-33-06-07-3/4		65
GT0-85-21-03-3/4		3	GT0-85-34-01,02-3/4		27
GT0-85-21-04,05-3/4		4	GT0-85-34-05-3/4		47
GT0-85-22-01-02-3/4		2	GT0-85-34-06-3/4		55
GT0-85-22-03-3/4		40	GT0-85-34-07-3/4		27
GT0-85-22-04-3/4		50	GT0-85-34-08-3/4		40
GT0-85-22-05-3/4		80	GT0-85-34-09-3/4		22
GT0-85-22-06-3/4		46	GT0-85-35-01-3/4		9
GT0-85-23-01,02-3/4		91	GT0-85-35A-01,02-3/4		6
GT0-85-24-01-3/4		11	GT0-85-35A-03,04-3/4		61
GT0-85-25-01-3/4		16	GT0-85-35A-05,06-3/4		70
GT0-85-25A-01-3/4		8	GT0-85-35A-07-3/4		106
GT0-85-26-02-H		984	GT0-85-36-01,02-3/4		5
GT0-85-27-01,02-3/4		6	GT0-85-36-03-3/4		60
GT0-85-27-03-3/4		67	GT0-85-36-04-3/4		39
GT0-85-27-05-3/4		24	GT0-85-36-05-3/4		92
GT0-85-28A-01,02-3/4		7	GT0-85-37-01-02-3/4		82
GT0-85-28A-03-3/4		71	GT0-85-37-03-3/4		79
GT0-85-28A-04-3/4		113	GT0-85-37-04-3/4		45
GT0-85-28A-05-3/4		67	GT0-85-37-05,06-3/4		160
GT0-85-29-01,02-3/4		81	GT0-85-38-01,02-3/4		28
GT0-85-29-03-3/4		76	GT0-85-38-04-3/4		3
GT0-85-29-04-3/4		58	GT0-85-38-05-3/4		57
GT0-85-30-01,02-3/4		44	GT0-85-38-06-3/4		5
GT0-85-30-03-3/4		67	GT0-85-39-01,02-3/4		86
GT0-85-30-04-3/4		43	GT0-85-39-03-3/4		40
GT0-85-30-05-3/4		46	GT0-85-39-04-3/4		82
GT0-85-30-06-3/4		50	GT0-85-39-05-3/4		84
GT0-85-30-07-3/4		31	GT0-85-39-06-3/4		81
GT0-85-31-01,02-3/4		18	GT0-85-40-01-3/4		5
GT0-85-31-04-3/4		20	GT0-85-41-01,02-3/4		127
GT0-85-31-05-3/4		72	GT085-41-03,04,05/3/4		104
GT0-85-31-06-3/4		90	GT0-85-41-06,07-3/4		103
GT0-85-32-01,02-3/4		83	GT0-85-41-08-3/4		149
GT0-85-32-03-3/4		35	GT0-85-41-09-3/4		70
GT0-85-32-04-3/4		46	GT0-85-41-10-3/4		57
GT0-85-33-01,02-3/4		49	GT0-85-41-11-3/4		53



REPORT: 116-0317

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	SAMPLE NUMBER	ELEMENT UNITS	As PPM
6TD-85-41-12-3/4		50			
6TD-85-41-13-3/4		57			
6TD-85-41-14-3/4		179			
6TD-85-42A-03,04-3/4		9			
6TD-85-42A-05-3/4		104			
6TD-85-42A-06-3/4		62			

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REPORT: 115-0214

PROJECT: ADNE

PAGE: 1

SAMPLE NUMBER	ELEMENT UNITS	As PPM
STG 85 01-01 3/4		6
STG 85 02-01 3/4		40
STG 85 01-03 3/4		48
STG 85 14-03 3/4		117

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REPORT: 118-0318

PROJECT: NONE

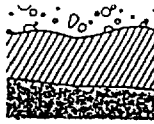
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	As PPM
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670-85-26-01 3/4		31
670-85-27-04 3/4		83
670-85-28-01,02 3/4		5
670-85-29-05 3/4		63
670-85-31-03 3/4		52

670-85-34-02,04 3/4		74
670-85-38-03 3/4		2
670-85-42-01,02 3/4		62
670-85-42A-01,02 3/4		

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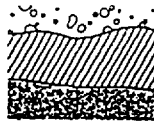
REPORT: 116-0360

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	%
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8TD-85-42A-07-3/4		59
8TD-85-42A-08-3/4		44
8TD-85-45-05, 07-3/4		4



REPORT: 116-0361

PROJECT: NONE

PAGE: 1

SAMPLE NUMBER	ELEMENT UNITS	16 PER
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PREFIX 37C-85

42A-09-3/4		19
43-01,02-3/4		42
43-03-3/4		11
43-04-3/4		7

44-01,02,03-3/4		42
44-04-3/4		42
44-05-3/4		42
44-06-3/4		42
44-07-3/4		42

45-01,02,03-3/4		7
45-04,05-3/4		3
45-08-3/4		42
45-09-3/4		42
45-10-3/4		8

46-01,02-3/4		42
46-03,04-3/4		2
46-05-3/4		42
46-06,07-3/4		147
47-01,02-3/4		3

47-03,04-3/4		17
47-05-3/4		43

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REPORT: 116-0567

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	As PPM
GTC-85-49-01-3/4		121
GTC-85-50-05, 05-3/4		109
GTC-85-52-01-3/4		7
GTC-85-54-01-3/4		10



REPORT: 118-0566

PROJECT: NONE

PAGE: 1

SAMPLE NUMBER	ELEMENT UNITS	As PPM
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GT0-85-47-02-3/4		222
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GT0-85-48-01-02-3/4		4
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GT0-85-48-03-3/4		12
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GT0-85-48-04-05-3/4		398
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GT0-85-50-01-3/4		37
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GT0-85-51-01-3/4		105
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GT0-85-51-02-3/4		41
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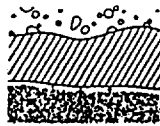
GT0-85-53-01-3/4		34
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GT0-85-54-02-3/4		104
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GT0-85-54-03-3/4		113
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GT0-85-55-01-3/4		37
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BONDAR-CLEGG

Geochemical
 Lab Report

REPORT: 016-0862 (COMPLETE)

REFERENCE INFO:

CLIENT: MPH CONSULTING

SUBMITTED BY: STU AVERILL

PROJECT: NONE

DATE PRINTED: 14-MAR-86

Bedrocks

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	20	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
2	Zn Zinc	20	1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
3	Ag Silver	20	0.1 PPM	HCl-HNO3, (1:3)	Atomic Absorption
4	As Arsenic	20	2 PPM	HNO3-HClO4	Colourimetric
5	Au Gold	20	5 PPB	AGUA REGIA	FA-AA @ 10 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
BEDROCK	20	-200	20	PULVERIZE -200	20

REMARKS: < MEANS LESS THAN

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REPORT: 016-0886

PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	As PPM	Au PPB	TestWt gm
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GTO-85-01-11 B		57	36	<0.1	2	<5	
GOT-85-02-05 B		30	60	0.2	3	10	
GTO-85-03-03 B		30	56	0.1	2	<5	
GTO-85-04-01 B		61	96	<0.1	36	<5	
GTO-85-05-03 B		100	93	<0.1	2	<5	

GTO-85-06-02 B		59	165	<0.1	2	<10	6.00
GTO-85-07-02 B		31	34	0.2	3	<5	
GTO-85-08-02 B		53	36	0.1	2	<5	
GTO-85-09-07 B		96	61	<0.1	<2	<5	
GTO-85-10-04 B		24	19	<0.1	<2	<5	

GTO-85-11-05 B		355	113	0.5	5	35	
GTO-85-12-04 B		59	239	0.1	15	<5	
GTO-85-13-07 B		63	35	<0.1	2	<5	
GTO-85-14-06 B		53	83	0.1	2	<5	
GTO-85-14A-10 B		34	44	0.1	<2	<5	

GTO-85-15-08 B		55	42	<0.1	2	<5	
GTO-85-16-04 B		46	56	<0.1	2	<5	
GTO-85-17-06 B		54	53	0.1	<2	<5	
GTO-85-18-06 B		54	43	0.2	<2	<5	
GTO-85-19-06 B		33	46	<0.1	<2	<5	

GTO-85-20-03 B		19	37	0.1	<2	<5	
GTO-85-21-06 B		32	35	0.1	2	5	
GTO-85-22-07 B		30	36	<0.1	<2	<5	
GTO-85-23-03 B		109	95	<0.1	2	15	
GTO-85-24-02 B		18	35	<0.1	10	<5	

GTO-85-25A-02 B		23	49	0.1	8	300	
GTO-85-26-03 B		20	39	<0.1	4	<5	
GTO-85-27-06 B		88	52	<0.1	<2	<5	
GTO-85-29-06 B		82	98	<0.1	2	25	
GTO-85-30-08 B		137	58	<0.1	3	10	

GTO-85-31-07 B		53	50	0.1	8	<5	
GTO-85-32-05 B		37	50	0.1	3	<5	



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PROJECT: NONE

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	As PPM	Au PPB
GTO-85-33-08 B		47	70	0.1	9	<5
GTO-85-34-10 B		14	63	<0.1	7	<5
GTO-85-36-06 B		46	62	<0.1	2	<5
GTO-85-37-07 B		58	44	0.1	15	<5
GTO-85-38-07 B		58	28	0.2	<2	<5
GTO-85-39-07 B		74	82	<0.1	<2	<5
GTO-85-40-02 B		77	47	<0.1	<2	<5
GTO-85-43-05 B		15	21	0.1	<2	<5
GTO-85-44-08 B		103	65	0.1	<2	5
GTO-85-45-11 B		100	53	0.3	6	5
GTO-85-46-08 B		92	56	0.2	5	<5
GTO-85-47-07 B		37	73	0.2	41	85
GTO-85-48-06 B		38	58	0.1	6	<5
GTO-85-49-02 B		57	54	0.1	3	5
GTO-85-50-04 B		21	71	<0.1	3	<5
GTO-85-51-03 B		39	62	0.1	2	<5
GTO-85-52-02 B		50	52	0.1	3	<5
GTO-85-53-02 B		69	56	0.1	2	<5
GTO-85-54-04 B		76	124	0.1	2	15
GTO-85-55-02 B		37	42	0.1	3	<5