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BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Diamond Drilling report

TOTAL COST: 367,377.22

AUTHOR(S): W.A. Howell, Pgeo. SIGNATURE(S): W.A. Howell

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): 0200036 YEAR OF WORK: 2010

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 4823634, jan. 06, 2011

PROPERTY NAME: Fireweed

CLAIM NAME(S) (on which the work was done): 505023, 505024, 505025, 505029, 505039, 512005, 512006, 512007.

COMMODITIES SOUGHT: Cu, Pb, Zn, Au,Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Omineca NTS/BCGS: 093M 008, 009. 093I 098,099

LATITUDE: 55 ° 00 '43 " LONGITUDE: 126 ° 25 '56 " (at centre of work)

OWNER(S):
1) Pachamama Resources ltd., 2)

MAILING ADDRESS:
922-510 W. Hastings St.
Vancouver BC, V6B 1L8

OPERATOR(S) [who paid for the work]:
1) SHAMROCK ENTERPRISES LTD. 2)

MAILING ADDRESS:
19- 650 Roche Pt Drive,
North Vancouver BC V7H 2Z5

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Skeena gp sediments, mid Cretaceous, bedded and replacementbase metal sulphides, Massive Sulphides, Mod to steep dip SE several zones, multiple mineralization centres,

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: O.F.2001-03; 17774; 18501; 21353; 21879; 26298; 28161; 29052.

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	486 split core	512005, 512006	20779.30
Other			
DRILLING (total metres; number of holes, size)			
Core	1734.6 m, 11 holes, NQ	512005, 512006	225,498.00
Non-core	228.9 m (overburden) 11 holes, NQ Casing		29757.00
RELATED TECHNICAL			
Sampling/assaying	splitting, logging , 85 MDays,		29500.00
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail	incl recl.		18337.50
Trench (metres)			
Underground dev. (metres)			
Other	report&field consumables(r&b, vehicles, fuel, etc.)	512005, 512006	43505.42
		TOTAL COST:	367, 377.22

DIAMOND DRILLING ASSESSMENT REPORT

On the

FIREWEED PROPERTY

Babine Lake Area, Omineca Mining Division, BC
NTS map 093M-01W
BCGS maps 093M- 008,009 & 093I- 098,099
Lat. 55°00'43" Lon.126°25'56"

For:

SHAMROCK ENTERPRISES LTD.

Unit 19-650 Roche Pt Drive,
North Vancouver BC, V7H- 2Z5
Tel: 778-340-1934
604-722-1877

BY:

BC Geological Survey
Assessment Report
32156

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April 04, 2011

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SUMMARY

The Fireweed claim group is located on the southwest side of Babine Lake, in north central British Columbia, near the summer resort of Smithers Landing, 70 kilometres northeast of the town of Smithers.

The centre of the claims is at 55° 01' North latitude and 126° 25' W. Longitude. Elevations on the property range from 710 meters (2,335 feet) at the level of Babine Lake up to 1,160 meters (3,800 feet) along the south edge of the claims.

The claim group comprises 8 contiguous claims of approximately 2411.29 hectares in area. The claims are owned outright by Pachemama Resources Ltd.,

Under an agreement with Pachemama, Shamrock can earn 50% working interest in the Fireweed property by completing a series of cash payments, share allocations and work commitments over 4 years totalling: $650,000 cash, 1,000,000 shares and $2.55 million in exploration expenditures. The above terms are covered by a formal Letter of understanding between the parties.

The Fireweed deposit is a polymetallic deposit of massive sulphide, sulphide breccia and disseminated sulphide replacement type mineralization in Upper Cretaceous Skeena Group sedimentary rocks on the southern margin of the Bowser Basin. The main mineralized trend, which may consist of a number of faulted zones, covers more than 3 kilometres of strike length, 50-100 meters of stratigraphy and 175-200+ meters of dip extent.

Mineralization is present in several zones on the property which are known as the Jan, Mn, Zinc, West, Far West, East, Far East, 1600, 3200, and South zones. Of these the West Zone and 1600 zone are best known through drill programs conducted by others. The Feeder zone or Vent zone, is a subsidiary part of the West zone

A total of about 64,000 feet of drilling has been completed on the Fireweed Property to date.

In 2005, a 3-D induced polarization survey was completed by SJ Geophysics. The survey revealed a series of chargeability centers beginning with the “Feeder“ zone portion of the West Zone of mineralization and extending linearly ENE .

The 2010 drill program was designed to test mineralization and extend exploration using a 2 part program. Part one looked at the “Feeder” zone, below and above the region explored in 2006. Part 2 explored several zones of the 2005 IP chargeability extending ENE from the Feeder zone.

Holes FW 10-1, 10-2 and 10-3 probed the Feeder zone on a N-S section through hole 88-51, 06-4 and 06-5. A previous hole, FW 06-4, suggested gold mineralization might be increasing with depth. The 2010 drilling continued the exploration to depth and demonstrated the persistence of low gold values in this area.

The drilling penetrated a mineralized zone containing several 'beds' of massive mineralization and intercepts of stockwork and breccia with matrix filling mineralization. The mineralization is over significant but highly variable widths

Hole FW 10-3 drilled under FW 06-5 to try and intercept the mineralization at a shallower depth on the section.

Hole FW 10-4 stepped 55 m eastwards and drilled the east flank of the Feeder zone. It did not encounter any significant sulphide mineralization. It may have passed beneath the mineralization.

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Hole FW 10-5 was the first hole of the second part of the drill program. It tested, for the first time, a new IP chargeability center.

Hole FW 10-6 also tested for the first time, another IP chargeability center,

Hole FW10-7 was terminated due to technical problems with the drilling before it reached it's target depth on the same zone as holes 10 and 11.

Holes FW 10-8 and FW 10-9 tested a third IP chargeability center.

Holes FW 10-10 and FW 10-11, tested a fourth IP chargeability center.

A total of1963.5 m of NQ Diamond drilling was completed with11 holes in the 2010 drill program.

Core is stacked and stored on site about 200 m south of the main road on branch 393 (See detailed drill hole location plan,)

The first part of the drill program was very successful in showing the massive sulphide horizons to persist below the previous supposed limits to mineralization, the drilling has shown the mineralization to be very complex structurally, with correlations between drill holes inconsistent along the sections drilled. (sections oriented NW-SE may be more appropriate)

The second Part of the drill program, tested additional IP chargeability zones with at least 1 hole on each of four additional chargeability zones. The drilling delineated several intersections with multi element, highly elevated values which may represent proximal portions of beds with additional metal values. These intersections are considered highly relevant and additional testing is warranted.

The 2010 drill program by Shamrock Resources has demonstrated the persistence of the Fireweed mineralization and demonstrated additional zones requiring future exploration and drilling.

The Fireweed property contains multiple mineral zones. It is complex and continues to prove exciting as new discoveries are made and it's secrets are systematically revealed. The property has an established resource, (historical, **not** NI 43-101 compliant), which may be significantly increased by locating additional reserves attached to any or several of the multiple known zones of mineralization. In 1989 the resource estimate (Not NI 43-101 compliant) was calculated to be 640,000 tons grading 9.97 oz per ton Ag, 2.22% Zn, and 1.34% Pb. In Metric units this would be 580,544 tonnes grading 342 grams per tonne Ag, 2.22% Zn, 1.34% Pb.

While additional drill targets can be established in the areas of recent drilling, a comprehensive review of all previous drilling is highly recommended prior to establishing and drilling targets on several of the other known zones of mineralization on the property. Of particular interest are the East Zone and South Zone, which, like the Feeder Zone, have a well developed magnetic signature, and have had relatively little drilling.

A new Phase One drill program consisting of 1500 meters of NQ drilling followed by a Phase Two program of an additional 1500 meters of drilling is recommended. Fifteen hundred meters of drilling will involve about 9 holes, each one about 165 m in length. The cost for a 1500 m drill program is estimated to be 300,000 Canadian dollars, or, $ 200.00 per meter.

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TABLE OF CONTENTS

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List of Figures & Tables

Appendices

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Introduction

This Report has been commissioned by Shamrock Enterprises Inc. as part of the 2010 diamond drill program on the Fireweed Property. It is prepared for the purpose of filing for assessment credit on the Fireweed property and to record the work and results of the drill program.

The drill program took place between October 28, 2010 and Dec. 08, 2010..

A total of 1963.5 m of NQ drilling was completed in 11 holes, resulting in 486 assay/geochemical analyses. Twenty-five elements including copper, lead and zinc were determined by geochemical ICP-ES (Induction coupled Plasma- Emission spectrometry) . Gold and silver were determined by fire assay techniques. All determinations were made by Acme Analytical labs in Vancouver BC with sample preparation by Acme's preparation facility in Smithers BC.

Previous grids and drill holes were readily Identifiable in the field and permitted accurate location of drill holes relative to the previous work. Many of the old drill collar marks are deteriorating and it would be advantageous to relocate and remark as many old features as possible using differential GPS survey techniques and permanent tags.

The writer has relied heavily on the revised NI 43-101 report prepared by B.J.Price, P.Geo. (2010) for Shamrock Enterprises Inc.

The 2004 Paper by D.G. MacIntyre, R.H. McMillan and M.E. Villeneuve, "The Mid-Cretaceous Rocky Ridge Formation- Important Host Rocks for VMS and Related Deposits in Central British Columbia " provides the regional setting for the Fireweed stratigraphy and makes a compelling case for an exciting new look at the area and the potential for finding more VMS deposits in the marine sedimentary/volcanic packages of the mid Cretaceous Skeena Group.

The author has again benefitted greatly from conversations and various discussions with Mr. B.J. Price, P.Geo. and Mr. Anthony L'Orsa P.Geo., both of whom have a history of previous technical work on the property. Mr. L'Orsa is familiar with the prospect from a long association as a consultant to Mansfield Minerals Inc., previous owner of the property, and has explored a large number of properties in the same geological terrain.

Mr. Price has worked previously on the property and conducted exploration during the 2000 field season. He is also the author of the 2005and 2010 NI 43-101 technical report for Shamrock Enterprises Inc. in connection with it's listing as a Public Company. The contributions by these two gentlemen is hereby acknowledged. Any errors or omissions in this report are the responsibility of the author.

The author would like to acknowledge the assistance, good work and professionalism shown by Blackhawk Drilling Ltd, Smithers, BC and the assistance provided by CJL Enterprises Ltd., also of Smithers BC. The author has also benefitted from the professional services, discussions and advice from various members of the Ministry based in Smithers.

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LOCATION AND ACCESS

The Fireweed claim group is situated in the Omineca Mining District and is located on the southwest side of Babine Lake, in north central British Columbia, near the summer resort of Smithers Landing, 70 kilometers northeast of the town of Smithers.

The centre of the claims is at **55° 01' North latitude and 126° 25' W. Longitude**. Elevations on the property range from 710 meters (2,335 feet) at the level of Babine Lake up to 1,160 meters (3,800 feet) along the south edge of the claims. The claims are located on the junction of 4 NTS map sheets: 093-M/1, 093-M/2, 093-L/15, 093-L/16 or conversely,

Access to the property from Smithers is excellent. The access road between Smithers and Babine Lake, passes to the west of the claims. This road is gravel but in good repair, and is used by logging companies and the general public.

From kilometre 51 on this road, a network of rough, but passable, logging roads lead into and across the property, giving access to practically all areas. The logging roads also connect to the town of Granisle some 28 km SE of the property.

GENERAL SETTING

The property lies within the physiographic Intermontane belt of Central British Columbia. approx. 70 km NE of the town of Smithers BC.

Climate is typical of northern British Columbia with occasional long cold winters and summers which may be hot. The property could be explored year 'round.

Topography is gently sloping to flat. Large areas of the claims have been logged and replanted. Logging is active in the area with additional logging scheduled in the immediately adjacent areas to the current drilling. The remaining area is generally well timbered with balsam fir and lesser spruce and pine, along with alder, willows and devil's club, commonly in wetter areas and along creeks.

Elevations on the property range from 710 meters (2,335 feet) at the level of Babine Lake up to 1,160 meters (3,800 feet) along the south edge of the claims

Smithers is an important supply and service centre, supporting an area population of about 25,000. Major Industries in the area are logging, mining, ranching and farming. Tourism and regional government are also important local industries. Smithers is situated on a major highway (Yellowhead Highway 16) and rail line (CNR northern mainline) and is served by a good airport, with twice daily flights to and from Vancouver. As proposed major development of the Port of Prince Rupert continues, Smithers and the Bulkley Valley will also experience growth and development.

BC is presently undergoing negotiations with First Nations Groups regarding Land claims. Negotiations are at various stages across the province. There are a number of Indian Reservations clustered along Babine Lake. One such reserve is within 1000 meters of the east boundary of the claims. Shamrock and its contractors must conduct exploration within the larger framework of the land claim issue.

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PROPERTY LOCATION MAP

FIG. 1

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FIREWEED Property: Detail Location and Property Access Plan

Fig. 1a

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MINERAL CLAIM MAP

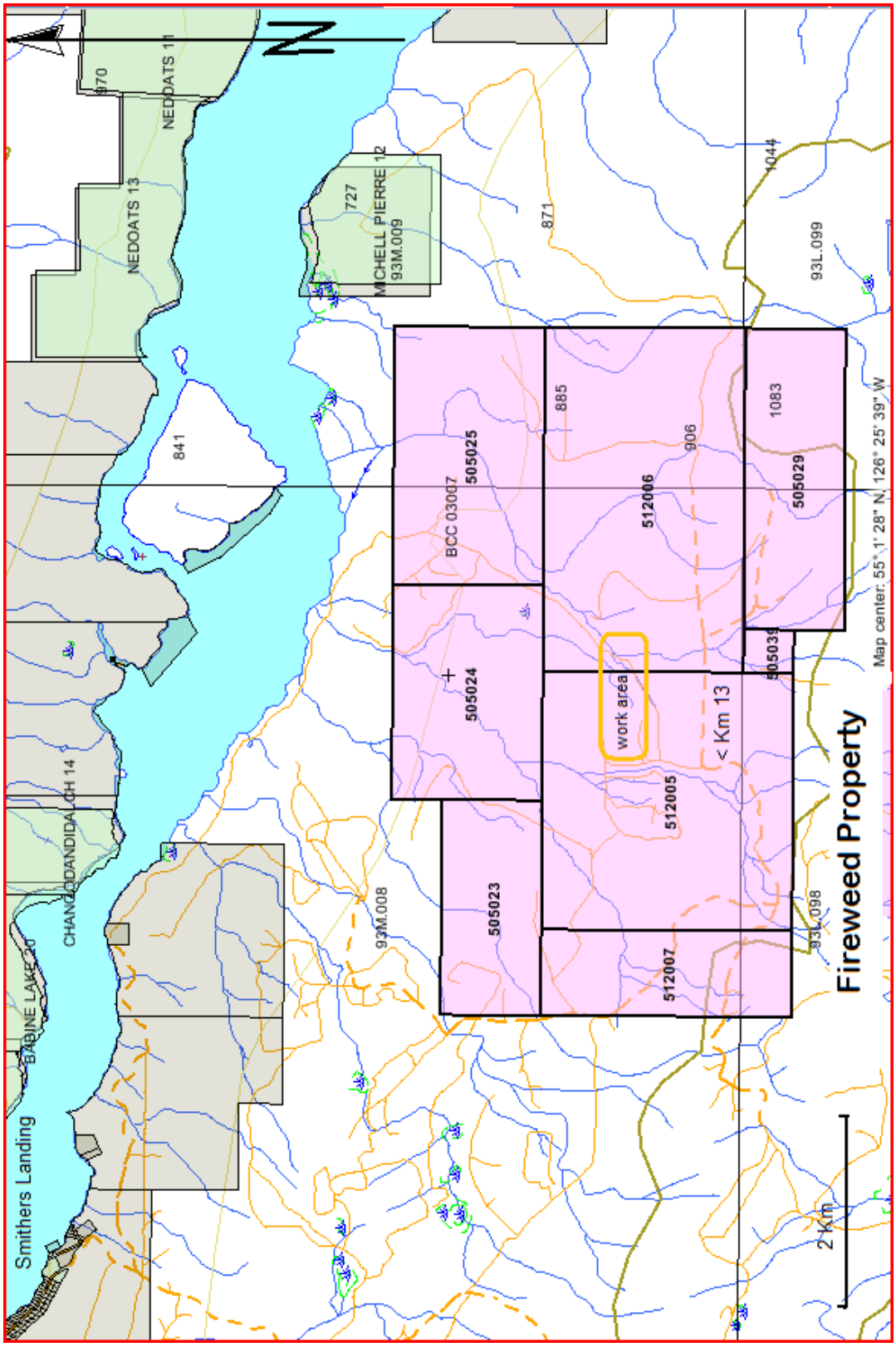

FIG. 2

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MINERAL CLAIMS - Table 1
The claim group comprises 12 contiguous claims or approximately 4730 hectares in area

Table 1 Claims in the Fireweed Property

Tenure Number	Tenure Type	Claim Name	Owner	Map Number	Good To Date	Status	Area
505023	Mineral	Bajo 2	234723 (100%)	093M	2021/jan/27	GOOD	463.548
505024	Mineral	Bajo 3	234723 (100%)	093M	2021/jan/27	GOOD	463.541
505025	Mineral	Bajo 4	234723 (100%)	093M	2021/jan/27	GOOD	444.992
505029	Mineral	Bajo 6	234723 (100%)	093L	2021/jan/27	GOOD	445.299
505039	Mineral	Bajo 9	234723 (100%)	093L	2021/jan/27	GOOD	18.554
512005	Mineral		234723 (100%)	093L	2021/aug/10	GOOD	556.536
512006	Mineral		234723 (100%)	093M	2021/aug/31	GOOD	593.572
512007	Mineral		234723 (100%)	093L	2021/sep/01	GOOD	241.182

Dates above are subject to work applied by this report.

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HISTORY AND PREVIOUS WORK

There is no evidence of early historical exploration work on the Fireweed claims (prior to 1987), although coal had been reported from the area.

Mineralized float was found in the area in 1987 by prospecting geologists John and Gordon Leask, who staked the original claims in July 1987.

In August 1987, an option agreement was reached between the owners and Canadian-United Minerals. Inc. whereby Canadian - United could earn 100% interest in the claims. In September 1987, the company commenced work programs that included geological mapping and evaluation, soil geochemistry, magnetometer, very low frequency electromagnetic (VLF-EM), and Induced Polarization (IP) surveys, back hoe trenching and drilling.

In 1988 and '89 under a joint venture agreement with Canadian United Minerals, Gunnar Gold Inc. funded considerable work, including drilling.

Up to 1990, Canadian United Minerals Inc., (now Mansfield Minerals Inc.) and their JV partners expended in excess of $1,700,000.00 on the property, mainly in grid preparation, geophysics, geochemistry and drilling.

In 1991, Minnova Inc, (now Inmet Mining Ltd.), optioned the property and spent $250,000 on additional drilling, conducted substantially outside of the known deposits, before returning the property to the vendors.

In 2004, Argentor Resources concluded an agreement with Mansfield Resources. In July and August 2005, Argentor staked additional claims to protect the original claims held by Mansfield. They then completed approximately 25 kilometers of grid, followed by a geophysical program by SJ Geophysics Ltd. (under the supervision of Syd Visser. P.Geo) A 3-D Induced Polarization survey was completed across part of the property. The survey concentrated on the area between the east and west zones. The IP survey assisted in the spotting of new drill holes planned by Argentor for the 2006 drill program.

In 2006, at the suggestion of the TSX, Argentor underwent a name change to Jantar Resources Ltd.

In 2006, Jantar completed just under 1000m of NQ drilling in 5 holes

In 2010, Gordon Osinchuk and his new company, Shamrock Enterprises Inc., concluded an exploration agreement with Pachemama Resources, the successor owner of record to Mansfield minerals. The drill program, subject of this report, is the first result of that agreement.

The total expenditure since discovery has been approximately $2.5 million

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REGIONAL GEOLOGY

The Fireweed property lies within a structurally complex area at the south margin of the Skeena sedimentary basin in an area known as the Skeena Arch, characterized by a number of porphyritic igneous intrusions cutting rocks as old as Triassic. The Babine Lake porphyry copper belt is host to a number of large porphyry copper deposits, two of which have been productive and have large tonnages of low grade copper mineralization remaining, The resources of which, are not considered likely to be re-developed.

Considerable geological work has been done in the Babine Lake - Fulton Lake area by the British Columbia Geological Survey Branch in the past 10 years.

Overall, the regional depositional environment for the Skeena Group is a continental margin setting along western North America. Skeena Group volcanics, (the Rocky Ridge Formation) occur in isolated geographic areas within otherwise continuous clastic sediments of the Skeena Group. They are a bimodal group of volcanic rocks and related sediments separated by hundreds of meters of clastic sedimentary rocks . (summarized from DJ Alldrick et al, BCGS, Geological Fiedwork 2006, Paper 2007-1) Intrusive 'Rhyolite" plugs are widespread throughout Skeena Group rocks and were originally mapped as Eocene stocks. Close to the Bell Mine and Granisle mine, the "plugs" have been shown to be Cretaceous aged extrusive Rhyolite domes or cryptodomes by D.J. McIntyre of the BCGS. By inference, several similar features may turn out to have similar origins and age. A large dome of Rocky Ridge Rhyolite underlies the eastern half of McKendrick Island, 3 km north of The Fireweed deposit. D.J. McIntyre and M.E. Villeneuve (BCEMPR Geofile 2007-4) have determined the age of a rhyolite (“Latite”) dike in drill core at Fireweed to be 103± 0.4 my.

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REGIONAL GEOLOGY AND MINERAL DEPOSITS IN THE SKEENA GROUP SEDIMENTS

From MacIntyre et al (2005)

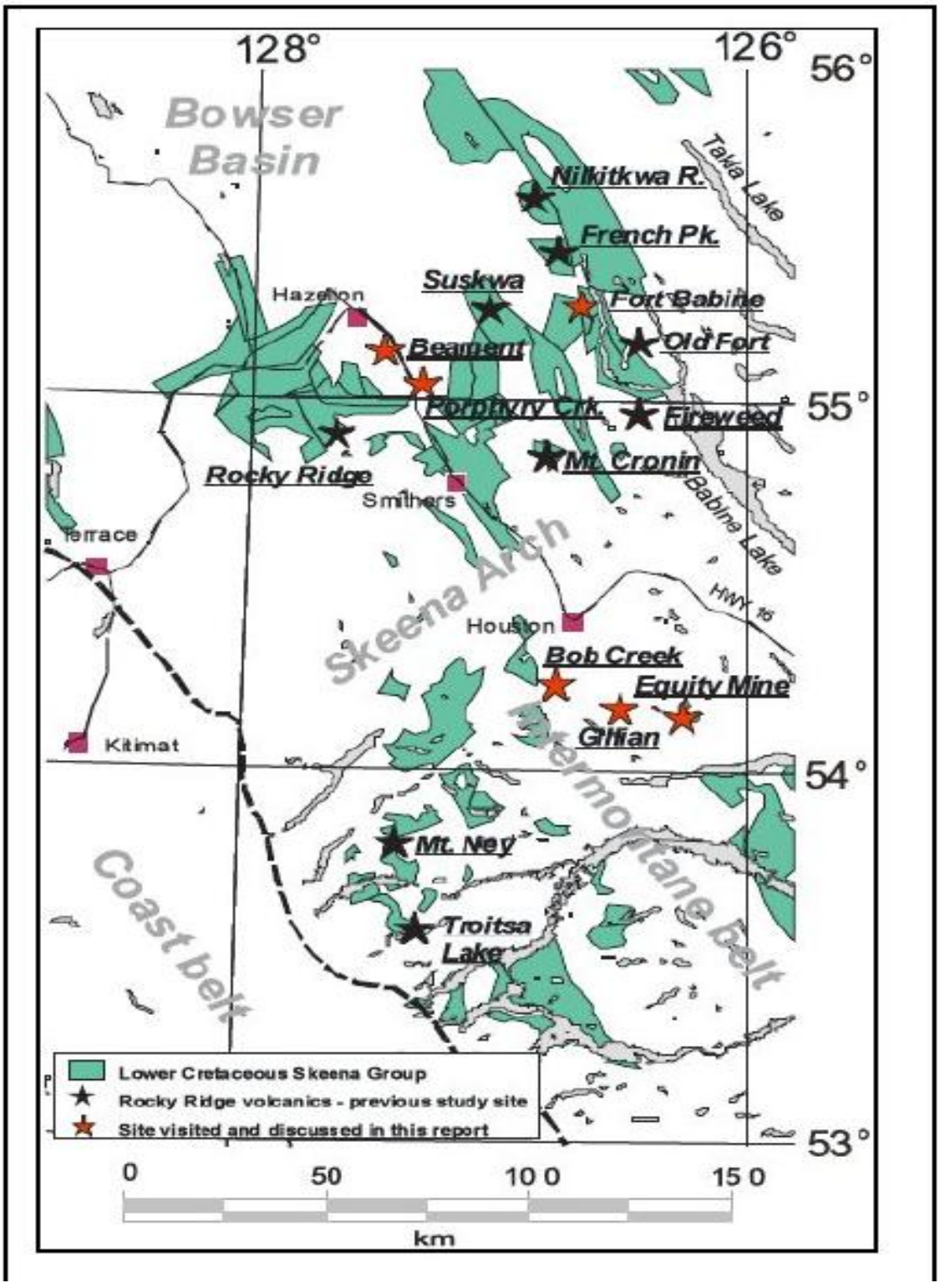

Fig.3a

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GENERALIZED STRATIGRAPHY OF THE SKEENA GROUP
(MacIntyre et al 2005)

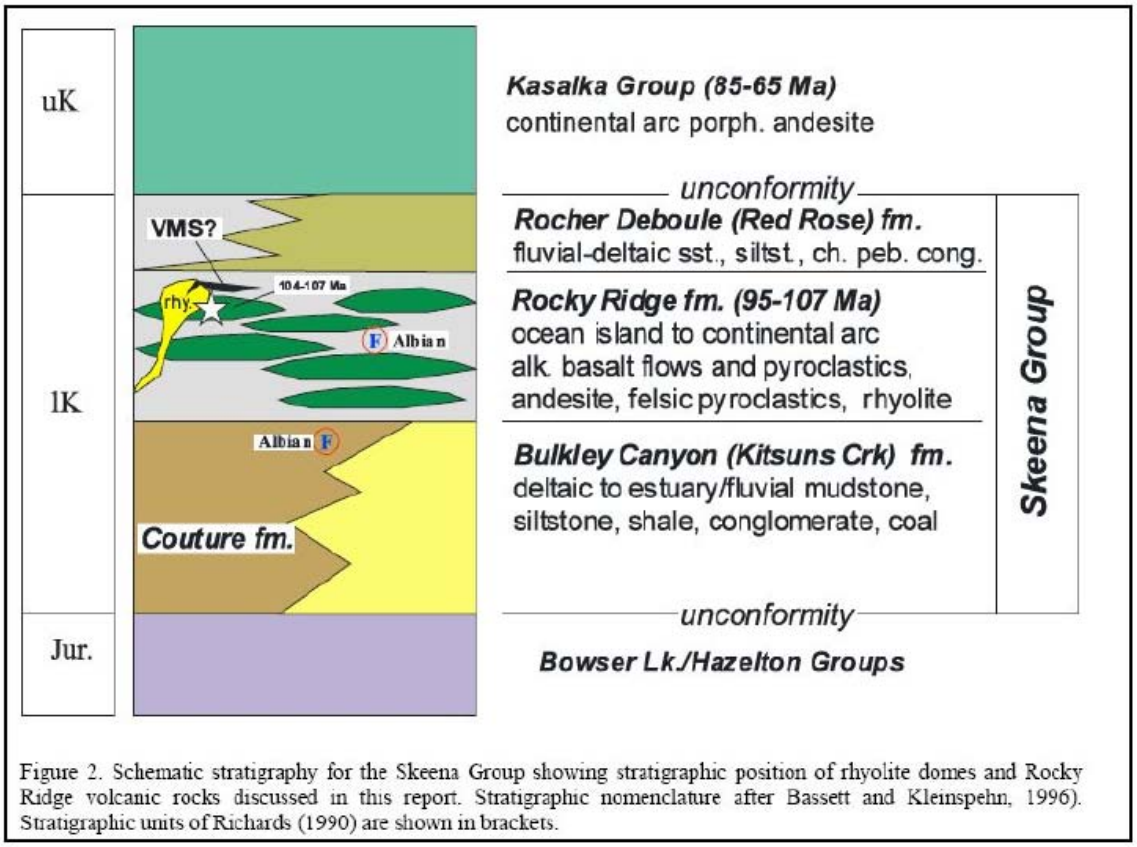

Figure 2. Schematic stratigraphy for the Skeena Group showing stratigraphic position of rhyolite domes and Rocky Ridge volcanic rocks discussed in this report. Stratigraphic nomenclature after Bassett and Kleinspehn, 1996). Stratigraphic units of Richards (1990) are shown in brackets.

Fig. 3b

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REGIONAL GEOLOGY OF BABINE LAKE AREA

MacIntyre et al 1997 (Paper 1997-1) See Next Page for Legend

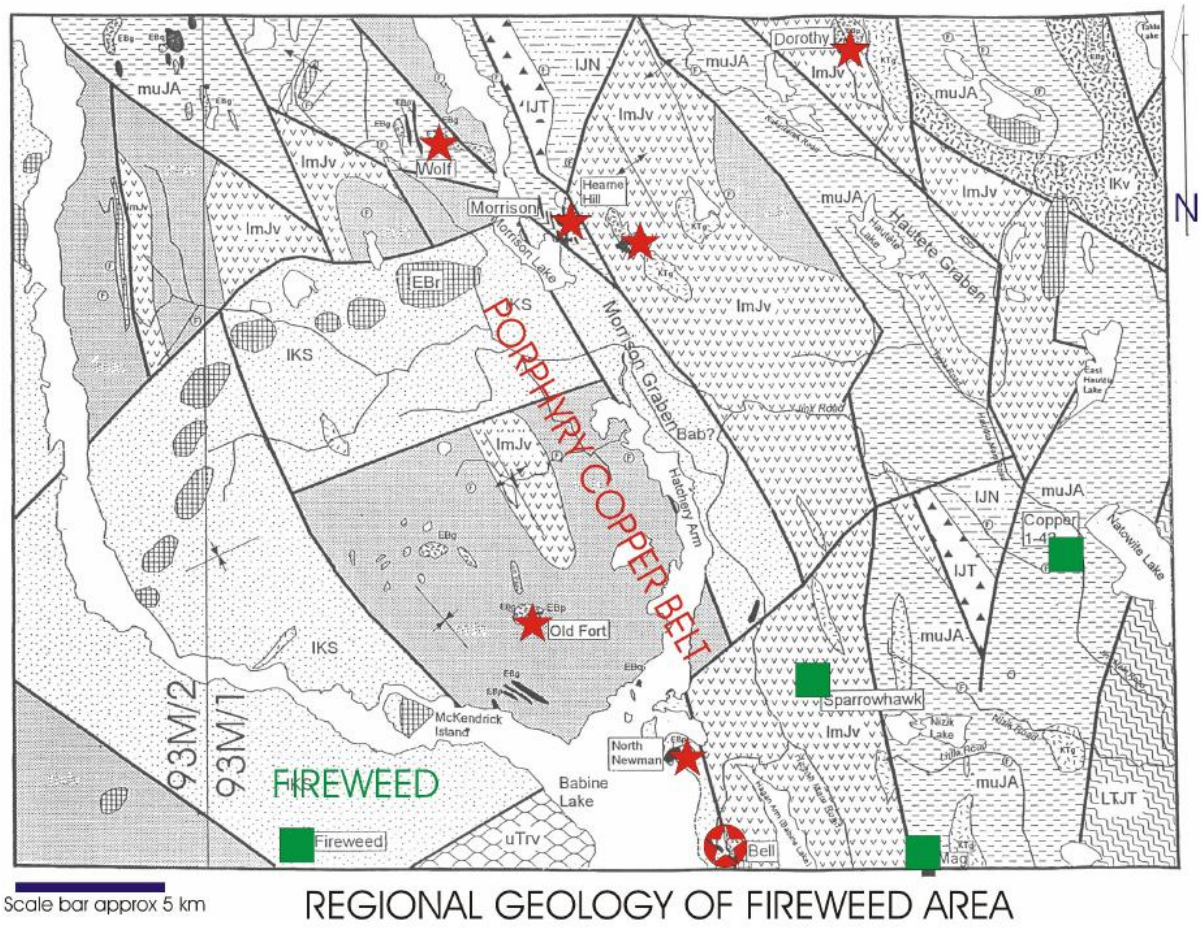

Fig. 4a

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STRATIGRAPHIC SECTION

MacIntyre et al 1997 (Paper 1997-1)

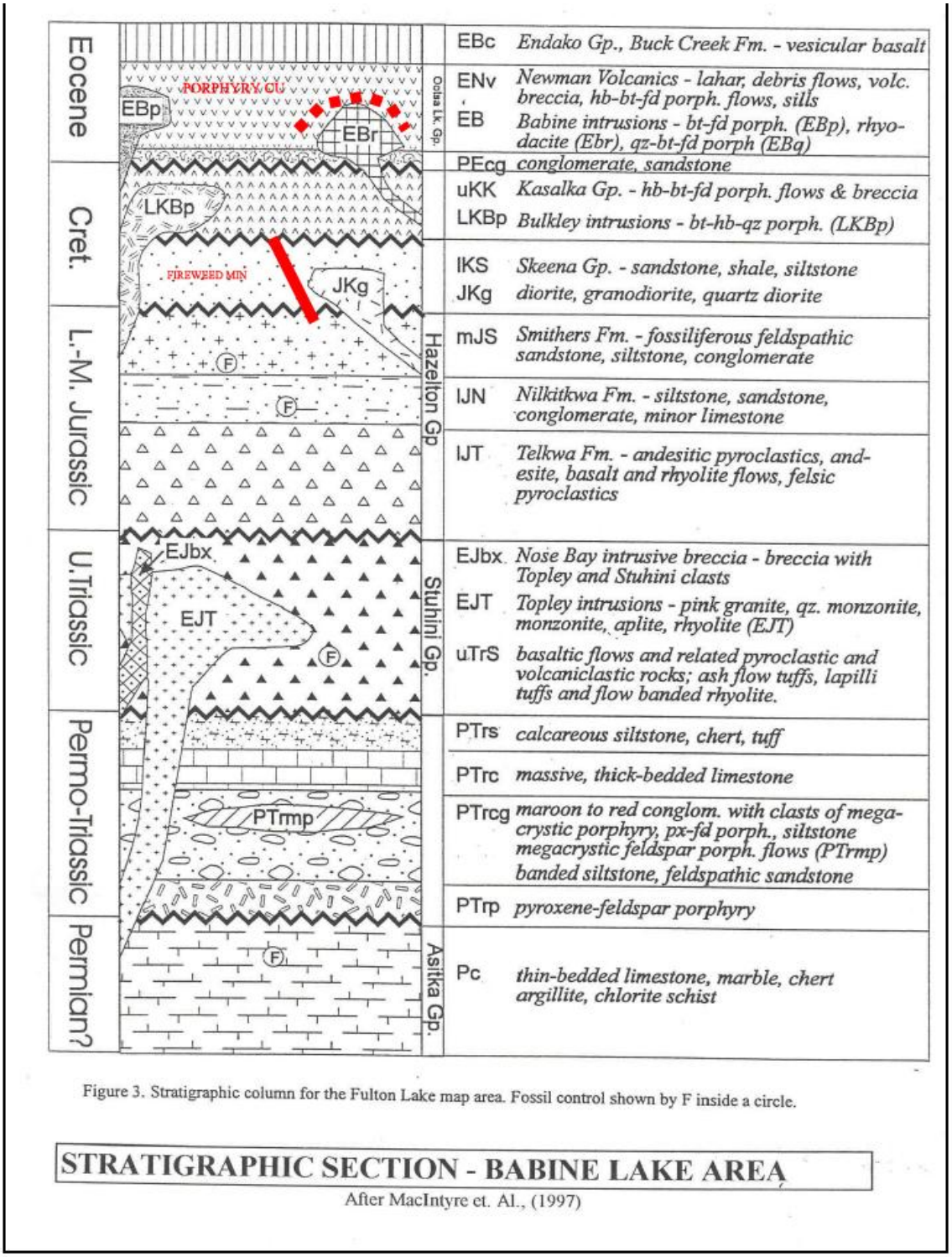

Figure 3. Stratigraphic column for the Fulton Lake map area. Fossil control shown by F inside a circle.

STRATIGRAPHIC SECTION - BABINE LAKE AREA

After MacIntyre et. Al., (1997)

Fig. 4b

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The model for the Fireweed and related deposits has been advanced by D.G. MacIntyre, R.H. McMillan and M.E. Villeneuve (2005) as summarized below:

“It seems likely that both the mid-Cretaceous Pb-Zn-Ag mineralization at the Knoll, Cronin and Fireweed prospects and possible younger Late Cretaceous or Early Tertiary mineralization at Equity, Beamont and Bob Creek are related to the evolution of major volcanic centers that were periodically active from the mid-Cretaceous to Eocene time. Earliest stages of volcanism, as represented by the Rocky Ridge formation, involved cauldron subsidence in a nascent island arc setting with attendant Pb-Zn-Ag VMS and related epithermal mineralization associated with shallow, submarine eruption of rhyolite flow domes. Younger, Late Cretaceous or Early Tertiary magmatic events resulted in building of stratovolcanoes in an Andean continental arc setting with attendant sub-volcanic Cu-Au-Ag and porphyry Cu-Mo type mineralization. A genetic model depicting these evolutionary stages is presented” (in D.G. MacIntyre et al (2005)).

• Precious metal rich, massive sulphide occurrences at the Fireweed, Knoll and Cronin properties appear to be related to submarine rhyolite flow domes that were emplaced along rifts that formed during mid-Cretaceous cauldron subsidence.

• This was followed by eruption of thick piles of alkali basalt. The inferred geologic setting (nascent arc, bimodal, submarine, rift related) is similar to that proposed for classical Kuroko and Eskay Creek-type VMS deposits and therefore, areas of Rocky Ridge volcanics in central British Columbia are interpreted to be highly prospective for these types of deposits."

MINERALIZATION

Mineralization at Fireweed is present in several zones which are known as the Jan, Mn, Zinc, West, Far West, East, Far East, 1600, 3200, and South Zones. Of these the West Zone and 1600 zone are best known through the drill programs conducted by others. The Feeder Zone is a subsidiary zone of the West Zone. The 2010 drill program has indicated the possibility of new mineralization in several IP chargeability “zones” extending to the ENE from the mineralization demonstrated at the Feeder Zone.

Shamrock’s 2010 drill program was designed to fill in part of a section through the "FEEDER or VENT ZONE" area where information to depth required additional information and clarification.

The West Zone is defined by an east trending horseshoe-shaped induced polarization conductor. The original outcrop discoveries, the Mn and the Sphalerite showings, lie at the westerly end of each of the prongs of the horseshoe. Previous drilling has defined a mineralized area 300 metres long which is open along strike and depth.

Mineralization has been found in Skeena Group sediments to 200 metres depth. The bulk of the mineralization is hosted by a coarse sandstone, in two parallel south to southwest plunging shoots.

The Feeder or Vent zone, has been described as a flat-lying, funnel-shaped zone, near the eastern limits of the West zone, It covers an area 90 by 90 metres and now extends to a depth of at least 120 m, (holes FW 10-1 and 2) but does not outcrop. Sandstone and carbonaceous mudstone interfinger throughout this area. Pyrrhotite, pyrite, and sphalerite occur as massive sulphide mineralization associated with breccia and veins which cement mudstone and sandstone fragments that are millimetres to several metres in size. These zones of mineralization appear to grade into unbrecciated or weakly veined areas. The sulphide content is variable and there are two distinct generations of veining.

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1. One contains massive sphalerite, with low gold values
2. The other massive pyrite and pyrrhotite with silver and base metal values.

The breccia veins cut sericitized latite dikes which are thought to be related to the mineralization event. The feeder zone also contains minor gold and copper values. The main mineralized zone is a sheet-like body dipping moderately to steeply southerly, with post-mineral faulting, and intrusion by quartz-latite dykes. (These dykes have been described as rhyolitic)

The Feeder Zone has been proposed as the expression of a growth fault. The main sandstone body hosting the mineralization thickens and wedges out against the fault. Slumping and fragmental textures attributed intra-formational de-watering are common. The mineralized zone appears to be folded as the strike changes from west southwest to southerly.

Several discrete IP chargeability zones, of which the Vent or Feeder zone was the most distinct, had been illustrated by the 2005 IP survey. Of these zones, only the Feeder zone had been drilled prior to 2010. (Drilling has occurred elsewhere on the Fireweed Property since 1987.)

The writer has summarized the 2010 drilling on the Feeder zone here. The reader is referred to the Technical Report, (B.J. Price, 2010) for a complete description of mineralization elsewhere on the property.

2010 FIREWEED WORK PROGRAM

The 2010 program of diamond drilling was designed to expand and fill in information on the feeder zone (Part 1 of the drill program). Four more of the IP chargeable zones outlined by the 2005 3D IP survey, were drilled, (Part 2 of the drill program). It has been noted that the bulk of the established West zone resource area, lies outside the 2005 IP chargeability definition.

Drilling was performed by Blackhawk Diamond Drilling From Smithers BC. using a JT 2000 hydraulic drill mounted on skids. The drill, with a skid mounted rod sloop, was hauled to the property using normal highway tractor and low-bed equipment. A “Ranger” logging skidder was supplied by Blackhawk and used to haul the drill rig and rod sloop on the property. It was also used to clear and build drill sites.

The 2010 program was conducted in the late fall of 2010, between Oct.28 and Dec. 08, 2010. Local water supplies proved adequate for the duration of the program,
Drill crews stayed at Tuuki Lodge at Smithers Landing, Shamrock personnel stayed in Smithers at a local hotel and commuted daily.

Logging roads in the fireweed area connect to the community of Granisle, about 28km distant, whereas, Smithers is about 70 or 80 km from the drill site. On a short project the added distance is not too onerous but significant savings in time and efficiency might be realized by housing a larger crew or staying for a longer period of time in Granisle where, currently, there are many empty houses.

Samples consisted of mechanically split core over nominally 2 meter intervals. Sections of core were designated for splitting based on the presence of visual mineralization. Additional samples were taken beyond visual mineralization to try and ensure that the mineralized section was adequately and completely sampled. Samples were submitted to ACME ANALYTICAL LABORATORY in Vancouver and subjected to ACME Group 7TD analysis, where the split core is crushed and split to 150 mesh, then a 1.000 gram sample is subjected to a hot 4 acid digestion then analysed by ICP - ES. Au and Ag are determined by group 603 fire assay from a 1 assay-tonne sample.

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Drill hole locations were established by chain and compass methods from old collars and Identified grid points on the ground. Locations were further identified using hand held, non corrected, GPS readings. Collar locations are depicted on Fig.5 .

OBSERVATIONS & Descriptions of the Diamond Drill Results

All holes are located on Fig 5,

Hole FW 10-1 (fig 6), (Table 3, p22) was collared behind FW06-4 so as to be in solid ground. The hole penetrated a series of grey lithic sandstones and black siltstone and argillites cut by occasional, shattered latite dikes. The hole had mineralization as sulphidel filled breccia, fractures and massive sulphide. The massive sulphide is predominantly Pyrrhotite as very fine faintly bedded sulphide mudstone, occasionally with small (<2mm) lithic fragments, often black siltstone. Breccia filling is commonly a brown Sphalerite. Pyrite and Galena form lesser amounts in all modes of formation.
Between 98.02 and 126.81m (28.79m or 94.4 feet) the core contained: 4.64% Zinc, 2.27% Lead, 64.6 g/t Silver, and 1.05 g/t Gold. This same intersection contained, between 102.5 and 110.3 m (7.7m or 25.4 feet) returning 7.98% Zinc, 5.42% Lead, 121.3 g/t Silver, 1.06 g/t Gold.
Hole FW 10-1 and FW 10-2 were both drilled below hole FW 06-4 in order to explore the extent of the mineralization revealed in that hole.

Hole FW 10-2 (fig 6),(Table 3, p23) was collared from the same site as FW 10-1 and tested a bit deeper on the section. The hole intersected 2 m of 20% Zinc, 1.5% Lead, 82 g/t Silver, and .99 g/t gold between 104 and 106m. Small amounts of copper (0.62%) were also present.
At the depths of the mineralization, the holes are separated about 22m, The lack of easy correlation is readily apparent, and leads to speculation that the beds may be folded.

Hole FW 10-3 (fig 6), (Table 3, p 24) was collared on the same 3970 E section with FW 88-51, FW 06-4, 5, in an attempt to clarify the mineralization between 88-51 and 06-5.
The hole intersected 88.86 m or 291 feet of 2.58% zinc, .673% lead, and 0.026 g/t Gold.
Within that section, 6.1m or 20 feet, returned 16.11% Zinc, 2.91% Lead,115.3 g/t Silver and 1.87g/t gold.

Hole FW 10-4 (fig 7) (Table 3, p 26) collared about 55 meters east of holes FW 10-1,2. It did not reveal any significant mineralization. it is possible that the mineralization has “pinched “and died, or it may be faulted or folded.
An E-W hole in this area may help to explain the apparently highly variable mineralized structure.

Hole FW10-5 (fig 8) (Table 3, p27)collared to the east of hole FW10-4, about 160m, it was the first hole in the second part of the drill program, and was drilled to test a distinct, separate 3D IP chargeability zone east of the Feeder zone. Hole FW10-5 was the first drill hole ever, and the only drill hole in 2010, to be drilled on this new zone.
The hole penetrated 25.6m (84 ft) from 126.5 to 152.1 m, which returned values of 9100 ppm Zn, 5400 ppm lead, and 0.0247 g/t gold. And an additional zone of 3.5 m (11.5 ft)between 159.8m and 161.3m with 2900 ppm zinc and 1200 ppm lead,

(The observer must exercise caution when examining any property with Massive Sulphide mineralization, to ensure that he must not become inured to the exploration potential of mineralized rock with less spectacular displays of significant mineralization.)

The 25.6m (84 feet) interval above containing about 1% Zn and 0.5% lead, stands out chemically,against rocks almost barren of mineralization. It would be convenient to explain this feature away as simply being a function of its proximity to the relatively abundant mineralization revealed by drilling to the west at the feeder zone, but the new mineralization may equally be part of a

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new mineralized feature attested to by the distinct and separate chargeability zone forming the original target for Hole FW 10-5,
The separation and very low IP response of the west zone mineralization to the 3D IP survey has been previously noted. In light of this fact, it appears clear that additional drilling around hole FW10-5 is warranted.

FW 10-6 (fig 9) (Table 3, p 34)was designed to test a second separate and distinct 3D IP chargeability zone revealed by the 2005 IP survey. It was collared approximately 180m east of hole FW 10-5. And penetrated 17.45m (57 feet) between 33.4 and 50.85 m, containing 1.2% Zinc. Additional drilling is warranted around hole FW 10-6 It would be worthwhile to test the intervening ground between holes 5and 6 to guage the mineralogical significance of the IP responses

FW 10-7 (fig 10) (Table 3, p31) was designed to test another distinct 3D IP anomaly, the easternmost of the test zones. Hole 7 was drilled to the east, and in conjunction with holes 10 and 11 to be drilled on the same target area was expected to reveal structural as well as mineralogical information on the zone. Hole 7 encountered severe drilling difficulties at a depth of 54.8m where a cave in occurred while drilling graphitic black “shales” with embedded silica chunks in a “gouge like” matrix. The driller pulled back from 56.3m to clear the hole and after several hours was unable to recover the bottom of the hole due to “squeezing”. He declared the hole as “lost” At this point, under these conditions the geologist , must re-evaluate the objectives. The available options are: to abandon the hole and carry on; reset the collar and drill a new hole, hoping to get past the offending structure; or to persist with the existing hole on an extra contractural basis. In this case, the decision was made to abandon hole 7 and carry on, primarily because holes 10 and 11 would also penetrate the target area.
The Faulted area located in hole 7 lies beneath a well defined creek gulley. It may be that the creek is following an underlying fault zone, if so, the trend is to the NW, a common drainage trend in the area.

FW 10-8 and FW 10-9 (fig 11) (Table 3, p32 & 34) were both designed to test a 3D IP chargeability anomaly produced by the 2005 IP survey. The anomaly tested by holes 8 and 9 is located about 237 meters east of hole 6 and about 178m west of hole 7. It is the third such anomaly in the “chain” or succession of anomalies east of the feeder zone revealed by the 2005 survey.
Between 142.7m and 170.3m in hole 8, there are three separate 2 meter intervals with geochemically Elevated (low grade) multi element response.
In hole 9, between 91.2m and 99.87m, there is a distinct multi-element anomalous intersection,
The holes are in a series of interbedded fine grained black siltstones and grey sandstones. These beds are occasionally chaotically organized and are believed to most likely be slump or flysch like features, the upper portions of one such bed is coincident with the anomalous zone between 142.7m and 170.3m noted above in hole 8.

FW 10-10 and FW10-11 (fig 12) (Table 3, p 36 & 37) were both designed to test a fourth 3D IP chargeability anomaly detected by the 2005 IP survey Hole 10 revealed a distinct multielement elevation of geochemical values between 161.3m 1nd 170.3m (9m). There did not appear to be a correlation with hole 11.
Both holes exhibited a very strong, chaotically bedded zone between about 135m and 140m in depth which without additional drill intercept information, can only be described as southerly dipping. This zone is believed to represent a fault zone, possibly along bedding planes. A four meter zone of chaotically bedded material or gouge, probably represents a major displacement. It is a matter of speculation that this zone may be the same fault zone encountered in FW10-7. If that is the case, then the fault would be dipping steeply to the SE, a plausible scenario. The apparent lack of correlation between holes 10 and 11 may also be plausibly explained by major fault dislocation along the zone. It is unfortunate that hole FW 10-7 did not complete to it’s target depth, as this may have allowed additional insight on the structiural and lithological correlations.

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A summary of drill hole locations and collar data is presented below.

TABLE 2

DDH	Zone 10 U (NAD 83) Easting	Northing	Az.	Dip	Elev.	Length m	ft
FW 10-1	663968	6098814	000°	-60°	898m	161.5	530
FW 10-2	663968	6098814	000°	-72°	898	170.8	560
FW 10-3	663967	6098854	002°	-50°	898	152.4	500
FW 10-4	664026	6098826	002°	-55	899	213.4	750
FW 10-5	664188	6098782	003°	-50	895	178.4	584

DDH	Zone 10 U (NAD 83) Easting	Northing	Az.	Dip	Elev.	Length m	ft
FW 10-6	664368	6098783	003°	-55°	890	198.2	650
FW 10-7	664383	6098984	093°	-55°	877	54.9	180
FW 10-8	664605	6098867	348°	-55°	882	198.2	650
FW 10-9	664605	6098867	347°	-45°	882	198.2	650
FW 10-10	664859	6098928	009°	-45°	875	195.1	640
FW 10-11	664859	6098928	008°	-55°	875	198.2	650

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Table 3 (pages 22 - 37)

Summarized Drill Hole Assay values for Cu, Pb, Zn, Au, Ag, DDH, Sample Number and Interval have been added. Complete assay data is appended to this report..
Indicated 'Threshold' values have been chosen arbitrarily

				Method	7TD	7TD	7TD	G6	7TD
				Analyte	Cu	Pb	Zn	Au	Ag
				Unit	%	%	%	GM/T	GM/T
sample #	from	to	length	MDL	0.001	0.02	0.01	0.005	2
					> 0.1% =		>1000 ppm	> 100 ppb	> 24 g/t
					1000 ppm	> 1.0%	> 1.0%	> 1.000 g/t	> 100 g/t
DDH 10-1									
Sample				Type					
46501	33.54	35	1.46	Drill Core	0.012	0.02	1.01	<0.005	3
46502	35	36.97	1.97	Drill Core	0.041	0.02	4.39	0.012	6
46503	48.78	50	1.22	Drill Core	0.085	0.13	2.39	0.022	12
46504	55.85	57.93	2.08	Drill Core	0.008	<0.02	0.29	<0.005	<2
46505	57.93	59.4	1.47	Drill Core	0.009	<0.02	0.12	0.005	<2
46506	77.53	78.77	1.24	Drill Core	0.016	0.03	0.12	0.077	2
46507	78.77	79.27	0.5	Drill Core	0.038	0.07	0.2	1.11	10
46508	30.7	32.2	1.5	Drill Core	0.011	<0.02	1.07	<0.005	2
46509	32.2	33.5	1.3	Drill Core	0.004	<0.02	0.51	<0.005	<2
46510	89	91	2	Drill Core	0.008	0.07	0.11	<0.005	<2
46511	91	93	2	Drill Core	0.012	<0.02	0.07	0.031	<2
46512	93	95.1	2.1	Drill Core	0.104	<0.02	0.02	0.296	8
46513	95.1	97	1.9	Drill Core	0.072	<0.02	0.08	0.104	4
46514	97	98.02	1.02	Drill Core	0.012	<0.02	0.11	0.034	2
46515	98.02	100.42	2.4	Drill Core	0.885	1.73	7.05	1.982	113
46516	100.42	102.54	2.12	Drill Core	0.021	0.03	0.22	0.01	4
46517	102.54	103	0.46	Drill Core	0.138	6.69	7.89	3.668	178
46518	103	104.25	1.25	Drill Core	0.075	0.82	4.19	0.972	27
46519	104.25	105.25	1	Drill Core	0.084	0.55	1.11	0.216	25
46520	105.25	107.25	2	Drill Core	0.136	9.89	13	1.406	210
46521	107.25	109.25	2	Drill Core	0.156	6.48	9.13	1.272	134
46522	109.25	110.25	1	Drill Core	0.18	4.52	7.49	0.487	110
46523	110.25	112.25	2	Drill Core	0.099	0.12	0.28	1.194	17
46524	112.25	114.25	2	Drill Core	0.063	0.13	0.35	0.825	9
46525	114.25	116.25	2	Drill Core	0.092	1.25	2.41	1.119	18
46526	116.25	116.68	0.43	Drill Core	0.117	0.11	0.62	1.087	9
46527	116.68	119.14	2.46	Drill Core	0.029	<0.02	0.02	0.088	3
46528	119.14	121.55	2.41	Drill Core	0.175	1.95	5.41	1.136	51
46529	121.55	122.35	0.8	Drill Core	0.253	2.21	3.83	1.407	75
46530	122.35	124.35	2	Drill Core	0.239	2.08	6.25	0.599	67
46531	124.35	126.81	2.46	Drill Core	0.287	2.19	7.41	0.91	84
46532	126.81	128.12	1.31	Drill Core	0.113	0.16	0.89	1.654	14
46533	128.12	130.12	2	Drill Core	0.013	0.02	0.13	0.568	<2

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sample #	from	to	length	Method / Analyte / Unit / MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-2									
46534	81.4	83.4	2	Drill Core	0.103	0.02	0.1	0.224	7
46535	83.4	85.14	1.74	Drill Core	0.057	<0.02	0.08	0.156	4
46536	85.14	87.14	2	Drill Core	0.008	<0.02	0.05	0.103	3
46537	87.14	89.14	2	Drill Core	0.008	0.12	0.32	0.04	5
46538	89.14	91	1.86	Drill Core	0.036	0.44	1.04	0.319	21
46539	103.94	105.94	2	Drill Core	0.617	1.5	20.3	0.991	84
46540	125.6	126.6	1	Drill Core	1.327	0.17	0.38	0.331	158
46541	126.6	128	1.4	Drill Core	0.659	<0.02	0.04	0.059	34
46542	128	129.5	1.5	Drill Core	1.255	<0.02	0.08	0.145	51
46543	96.85	98.85	2	Drill Core	0.08	0.03	0.07	0.216	3
46544	98.85	100.61	1.76	Drill Core	0.008	0.04	0.26	0.027	2
46545	105.9	107.5	1.6	Drill Core	0.007	<0.02	0.02	0.005	<2
46546	129.5	131.5	2	Drill Core	0.143	<0.02	0.03	0.128	6
46547	131.5	133	1.5	Drill Core	0.272	0.03	0.08	0.213	16
46548	129.5	131.5	2	Drill Core	0.324	0.08	0.26	0.105	20
46549	142.24	144.24	2	Drill Core	0.069	0.04	0.08	0.042	4
46550	144.24	146.24	2	Drill Core	0.126	0.05	0.14	0.055	7
46551	146.24	148.24	2	Drill Core	0.077	<0.02	0.04	0.107	3
46552	148.24	150.24	2	Drill Core	0.164	0.02	0.05	0.016	8
46553	150.24	153	2.76	Drill Core	0.049	0.03	0.13	0.02	2
46554	113.4	114	0.6	Drill Core	0.047	0.03	0.13	0.169	9

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sample #	from	to	length	Analyte	Cu	Pb	Zn	Au	Ag
				Unit	%	%	%	GM/T	GM/T
				MDL	0.001	0.02	0.01	0.005	2
					> 0.1% = 1000 ppm		>1000 ppm	> 100 ppb	> 24 g/t
						> 1.0%	> 1.0%	> 1.000 g/t	> 100 g/t
DDH 10-3									
46555	13.67	15.7	2.03	Drill Core	0.013	0.1	0.24	0.137	5
46556	15.7	17.7	2	Drill Core	0.067	0.16	0.4	0.716	20
46557	17.7	19.7	2	Drill Core	0.07	1.84	4.88	0.418	27
46558	19.7	21.7	2	Drill Core	0.083	0.23	1.65	0.241	16
46559	21.7	23.7	2	Drill Core	0.084	0.56	6.99	0.189	26
46560	23.7	25.7	2	Drill Core	0.082	3.91	5.21	1.023	42
46561	25.7	27.7	2	Drill Core	0.08	0.6	3.86	0.802	25
46562	27.7	29.7	2	Drill Core	0.066	0.95	4.38	0.323	31
46563	29.7	31.7	2	Drill Core	0.027	2.25	4.49	0.314	90
46564	31.7	33.7	2	Drill Core	0.021	2.04	3.71	0.089	37
46565	33.7	35.7	2	Drill Core	0.024	0.17	2.3	0.053	7
46566	35.7	36.45	0.75	Drill Core	0.016	0.07	0.35	0.019	5
46567	36.45	37.62	1.17	Drill Core	0.063	0.08	2.22	0.055	9
46568	37.62	39.63	2.01	Drill Core	0.029	0.06	0.14	0.125	9
46569	39.63	40.91	1.28	Drill Core	0.016	<0.02	0.07	0.214	<2
46570	40.91	42.91	2	Drill Core	0.006	0.33	0.82	0.029	11
46571	42.91	43.9	0.99	Drill Core	0.004	0.23	0.86	0.013	9
46572	43.9	45.9	2	Drill Core	<0.001	0.04	0.11	<0.005	2
46573	45.9	47.9	2	Drill Core	<0.001	<0.02	0.04	0.06	<2
46574	47.9	49.9	2	Drill Core	0.003	0.27	0.68	0.016	7
46575	49.9	51.65	1.75	Drill Core	0.004	0.18	0.35	0.047	5
46576	51.65	53.6	1.95	Drill Core	0.006	0.42	4.6	0.161	15
46577	53.6	55	1.4	Drill Core	0.003	0.44	1.88	0.022	15
46578	55	56.25	1.25	Drill Core	0.006	0.9	6.54	0.455	27
46579	56.25	57.5	1.25	Drill Core	0.002	<0.02	0.31	0.009	<2
46580	57.5	59.5	2	Drill Core	0.001	0.13	0.39	0.027	2
46581	59.5	61.5	2	Drill Core	0.001	0.1	0.35	0.009	<2
46582	61.5	63.5	2	Drill Core	0.003	0.22	0.53	0.009	2
46583	63.5	65	1.5	Drill Core	0.001	0.09	0.21	<0.005	<2
46584	65	66.11	1.11	Drill Core	0.001	0.08	0.41	0.024	<2
46585	66.11	68.11	2	Drill Core	0.013	0.41	16.31	0.175	28
46586	68.11	69.15	1.04	Drill Core	0.072	1.73	8.56	0.375	38
46587	69.15	70.6	1.45	Drill Core	0.534	6.12	18.99	2.499	208

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46588	70.6	72.21	1.61	*Drill Core*	0.443	3.9	20.67	4.373	190
46589	72.21	74.21	2	*Drill Core*	0.02	0.13	0.9	0.068	4
46590	74.21	76.15	1.94	*Drill Core*	0.002	0.06	0.3	0.023	<2
46591	76.15	76.8	0.65	*Drill Core*	0.011	0.5	0.55	0.854	16
46592	76.8	78.3	1.5	*Drill Core*	0.01	0.07	0.56	0.034	3
46593	78.3	80.3	2	*Drill Core*	0.007	0.16	0.16	<0.005	3
46594	80.3	81.35	1.05	*Drill Core*	0.004	<0.02	0.02	<0.005	<2
46595	81.35	83.35	2	*Drill Core*	0.004	0.03	0.06	<0.005	<2
46596	83.35	85.37	2.02	*Drill Core*	0.003	0.17	0.34	<0.005	5
46597	85.37	87.37	2	*Drill Core*	0.006	0.55	1.23	0.023	10
46598	87.37	89.37	2	*Drill Core*	0.003	0.66	0.57	0.008	10
46599	89.37	91.3	1.93	*Drill Core*	0.002	0.5	0.28	<0.005	6
46600	91.3	92.2	0.9	*Drill Core*	0.004	0.03	0.02	<0.005	<2
46601	92.2	94.2	2	*Drill Core*	0.005	0.1	0.26	<0.005	3
46602	94.2	95.75	1.55	*Drill Core*	0.009	0.39	1.09	<0.005	10
46603	95.75	96.5	0.75	*Drill Core*	0.027	0.1	0.2	<0.005	3
46604	96.5	96.63	0.13	*Drill Core*	0.117	>10.00	8.63	0.212	>300
46605	96.63	98.63	2	*Drill Core*	0.005	<0.02	0.14	<0.005	<2
46606	98.63	100.6	2	*Drill Core*	0.013	0.3	0.92	0.03	10
46607	100.6	102.6	2	*Drill Core*	0.007	<0.02	0.05	<0.005	5

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sample #	from	to	length	Method / Analyte / Unit / MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-4									
46608	45.35	47.35	2	Drill Core	0.01	<0.02	0.01	0.029	<2
46609	47.35	48.6	1.25	Drill Core	0.037	<0.02	0.02	0.011	<2
46610	48.6	50	1.4	Drill Core	0.002	<0.02	0.04	<0.005	<2
46611	50	51.95	1.95	Drill Core	0.004	<0.02	0.08	<0.005	<2
46612	70.12	71.8	1.68	Drill Core	0.21	0.04	0.13	0.036	11
46613	71.8	72.8	1	Drill Core	0.002	<0.02	0.23	0.005	<2
46614	72.8	74.8	2	Drill Core	0.004	<0.02	0.25	0.022	<2
46615	74.8	76.8	2	Drill Core	0.025	<0.02	0.08	0.019	<2
46616	76.8	77.6	0.8	Drill Core	0.002	<0.02	0.11	0.008	<2
46617	77.6	78.1	0.5	Drill Core	<0.001	<0.02	0.07	0.014	<2
46618	78.1	78.5	0.4	Drill Core	0.001	<0.02	0.13	0.017	<2
46619	78.5	80.33	1.83	Drill Core	0.003	<0.02	0.04	0.026	<2
46620	80.33	81.75	1.42	Drill Core	0.004	<0.02	0.26	0.01	<2
46621	81.75	83.75	2	Drill Core	0.002	<0.02	0.09	0.007	<2
46622	83.75	86	2.25	Drill Core	0.005	<0.02	0.08	0.01	<2
46623	86	86.3	0.3	Drill Core	<0.001	<0.02	0.1	0.007	<2
46624	86.3	89.6	3.3	Drill Core	0.004	<0.02	0.08	0.01	<2
46625	89.6	91.4	1.8	Drill Core	<0.001	<0.02	0.11	0.012	<2
46626	91.4	93.6	2.2	Drill Core	0.016	<0.02	0.1	0.015	<2
46627	93.6	94.9	1.3	Drill Core	0.01	<0.02	0.07	0.051	<2
46628	94.9	96.65	1.75	Drill Core	<0.001	<0.02	0.03	0.005	<2
46629	96.65	98.2	1.55	Drill Core	0.038	<0.02	0.03	<0.005	<2
46630	98.2	99.7	1.5	Drill Core	0.031	<0.02	0.06	0.092	4
46631	99.7	100.1	0.4	Drill Core	0.15	0.08	0.36	0.172	19
46632	100.1	101.6	1.5	Drill Core	0.001	<0.02	0.03	0.006	<2
46633	101.6	103.66	2.06	Drill Core	0.004	<0.02	0.01	0.03	<2
46634	103.66	105.6	1.94	Drill Core	<0.001	<0.02	0.01	<0.005	<2
46635	105.6	107.6	2	Drill Core	0.002	<0.02	0.02	<0.005	<2
46636	107.6	109.8	2.2	Drill Core	0.013	<0.02	0.01	<0.005	<2
46637	165.7	167.7	2	Drill Core	0.003	<0.02	0.01	0.068	10
46638	167.7	169.7	2	Drill Core	0.004	<0.02	<0.01	<0.005	<2
46639	169.7	171.7	2	Drill Core	0.005	<0.02	0.1	<0.005	<2
46640	171.7	173	1.3	Drill Core	0.003	<0.02	0.19	<0.005	<2
46641	173	175	2	Drill Core	0.031	0.26	0.08	0.83	5
46642	175	177.3	2.3	Drill Core	0.009	0.14	0.65	0.017	<2

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sample #	from	to	length	Method / Analyte / Unit / MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-5									
46643	68.7	70.7	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46644	70.7	72.75	2.05	Drill Core	0.035	<0.02	0.02	0.024	3
46645	72.75	74.75	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46646	93.55	95	1.45	Drill Core	0.005	<0.02	0.01	<0.005	<2
46647	95	97	2	Drill Core	0.205	0.03	0.26	0.008	7
46648	97	99.25	2.25	Drill Core	0.034	<0.02	0.03	<0.005	<2
46649	99.25	101	1.75	Drill Core	0.006	<0.02	<0.01	0.005	<2
46650	101	102	1	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46651	102	103.55	1.55	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46652	103.55	104	0.45	Drill Core	0.007	<0.02	<0.01	0.013	<2
46653	104	104.4	0.4	Drill Core	0.006	<0.02	<0.01	0.012	<2
46654	104.4	105	0.6	Drill Core	0.007	<0.02	0.02	<0.005	<2
46655	105	107	2	Drill Core	0.008	<0.02	0.01	<0.005	<2
46656	107	109	2	Drill Core	0.008	<0.02	0.01	<0.005	<2
46657	109	111	2	Drill Core	0.006	<0.02	0.01	<0.005	<2
46658	111	113	2	Drill Core	0.006	<0.02	0.01	0.005	<2
46659	113	115	2	Drill Core	0.006	<0.02	0.01	0.006	<2
46660	115	115.8	0.8	Drill Core	0.004	<0.02	0.04	0.005	<2
46661	115.8	117.6	1.8	Drill Core	0.006	0.09	0.22	0.015	3
46662	117.6	119.4	1.8	Drill Core	0.008	0.03	0.12	0.087	<2
46663	119.4	121.4	2	Drill Core	0.006	<0.02	0.02	0.009	<2
46664	121.4	122.4	1	Drill Core	0.006	<0.02	0.02	0.007	<2
46665	122.4	123.5	1.1	Drill Core	0.006	<0.02	0.02	<0.005	<2
46666	123.5	125	1.5	Drill Core	0.002	<0.02	<0.01	<0.005	<2
46667	125	126.5	1.5	Drill Core	0.005	<0.02	0.01	<0.005	<2
46668	126.5	128.4	1.9	Drill Core	0.007	<0.02	0.21	0.031	3
46669	128.4	129.6	1.2	Drill Core	0.008	<0.02	0.07	0.022	<2
46670	129.6	130.4	0.8	Drill Core	0.081	0.16	11.67	0.087	26
46671	130.4	132.5	2.1	Drill Core	0.006	<0.02	0.62	0.015	<2
46672	132.5	134.55	2.05	Drill Core	0.022	0.02	0.04	<0.005	4
46673	134.55	137.2	2.65	Drill Core	0.036	<0.02	1.23	0.017	2
46674	137.2	139.2	2	Drill Core	0.018	<0.02	0.53	0.018	2
46675	139.2	140.1	0.9	Drill Core	0.009	<0.02	0.74	<0.005	<2
46676	140.1	140.6	0.5	Drill Core	0.061	0.54	4.52	0.008	45
46677	140.6	142	1.4	Drill Core	<0.001	<0.02	0.02	<0.005	<2
46678	142	144	2	Drill Core	0.009	<0.02	0.32	<0.005	<2
46679	144	146	2	Drill Core	<0.001	<0.02	0.04	<0.005	<2
46680	146	148	2	Drill Core	0.022	<0.02	1.66	0.007	5
46681	148	149	1	Drill Core	0.002	<0.02	0.14	0.007	<2

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46682	149	151.1	2.1	*Drill Core*	0.003	<0.02	0.03	0.019	<2
46683	151.1	152.1	1	*Drill Core*	0.028	<0.02	0.69	0.061	4
46684	152.1	154.1	2	*Drill Core*	<0.001	<0.02	<0.01	0.094	<2
46685	154.1	156.1	2	*Drill Core*	0.004	<0.02	0.02	0.007	<2
46686	156.1	158.1	2	*Drill Core*	0.01	<0.02	0.06	0.018	<2
46687	158.1	159.8	1.7	*Drill Core*	0.005	<0.02	0.04	<0.005	<2
46688	159.8	160.8	1	*Drill Core*	0.002	0.03	0.25	<0.005	<2
46689	160.8	161.3	0.5	*Drill Core*	0.003	<0.02	0.14	0.005	<2
46690	161.3	163.3	2	*Drill Core*	0.002	0.12	0.35	<0.005	2
46691	163.3	165.3	2	*Drill Core*	<0.001	0.03	0.06	<0.005	<2
46692	165.3	167.7	2.4	*Drill Core*	<0.001	<0.02	0.04	<0.005	<2

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sample #	from	to	length	Method Analyte Unit MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-6									
46693	31.4	33.4	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46694	33.4	35.4	2	Drill Core	0.001	0.17	0.16	<0.005	<2
46695	35.4	37.4	2	Drill Core	0.003	0.43	0.55	<0.005	3
46696	37.4	39.4	2	Drill Core	0.002	0.34	0.27	<0.005	<2
46697	39.4	41.4	2	Drill Core	0.003	0.54	0.77	<0.005	3
46698	41.4	43.4	2	Drill Core	0.041	0.8	3.34	0.015	13
46699	43.4	45.4	2	Drill Core	0.039	0.12	2.36	0.012	9
46700	45.4	47.4	2	Drill Core	0.002	0.03	0.86	<0.005	<2
46701	47.4	49.4	2	Drill Core	0.012	0.06	1.77	<0.005	<2
46702	49.4	50.85	1.45	Drill Core	0.005	0.1	0.54	0.007	2
46703	50.85	53	2.15	Drill Core	0.008	<0.02	0.02	<0.005	<2
46704	53	55	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46705	55	57	2	Drill Core	0.007	<0.02	<0.01	<0.005	2
46706	57	59	2	Drill Core	0.008	<0.02	0.02	<0.005	2
46707	59	61	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46708	61	63	2	Drill Core	0.007	<0.02	0.01	<0.005	2
46709	63	65	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46710	65	67	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46711	67	69	2	Drill Core	0.008	<0.02	0.01	<0.005	<2
46712	69	71	2	Drill Core	0.006	<0.02	<0.01	0.028	<2
46713	71	73	2	Drill Core	0.009	<0.02	0.02	<0.005	<2
46714	73	75	2	Drill Core	0.008	<0.02	0.01	0.005	<2
46715	75	77	2	Drill Core	0.007	<0.02	<0.01	0.009	<2
46716	77	79	2	Drill Core	0.007	<0.02	<0.01	0.011	<2
46717	79	81	2	Drill Core	0.006	<0.02	<0.01	0.006	<2
46718	81	83	2	Drill Core	0.007	<0.02	<0.01	0.007	<2
46719	83	85	2	Drill Core	0.008	<0.02	0.02	0.01	<2
46720	85	87	2	Drill Core	0.005	<0.02	0.01	0.005	<2
46721	87	89	2	Drill Core	0.008	<0.02	0.02	0.006	<2
46722	89	91	2	Drill Core	0.01	<0.02	0.02	0.008	<2
46723	91	93	2	Drill Core	0.006	<0.02	0.01	<0.005	<2
46724	93	95	2	Drill Core	0.006	<0.02	0.01	0.009	<2
46725	95	97	2	Drill Core	0.006	<0.02	0.01	0.008	<2
46726	97	99	2	Drill Core	0.004	0.14	0.16	<0.005	<2
46727	99	101	2	Drill Core	0.002	<0.02	0.02	<0.005	<2
46728	101	103	2	Drill Core	0.003	<0.02	0.03	<0.005	<2
46729	103	105	2	Drill Core	<0.001	<0.02	0.02	<0.005	<2
46730	105	107	2	Drill Core	0.006	<0.02	0.1	<0.005	<2
46731	107	109	2	Drill Core	0.008	<0.02	0.02	0.006	<2

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46732	109	111	2	*Drill Core*	0.006	<0.02	<0.01	<0.005	<2
46733	111	113	2	*Drill Core*	0.006	<0.02	0.01	0.005	<2
46734	113	115	2	*Drill Core*	0.008	<0.02	0.02	0.01	<2
46735	27.8	29.8	2	*Drill Core*	0.007	<0.02	<0.01	<0.005	<2
46736	29.8	31.4	1.6	*Drill Core*	0.007	<0.02	<0.01	<0.005	<2
46737	115	117	2	*Drill Core*	0.007	<0.02	0.01	0.007	<2
46738	117	119	2	*Drill Core*	0.007	<0.02	0.01	<0.005	<2
46739	119	121	2	*Drill Core*	0.006	<0.02	0.01	<0.005	<2
46740	121	123	2	*Drill Core*	0.008	<0.02	0.02	<0.005	<2
46741	123	125	2	*Drill Core*	0.007	<0.02	0.03	<0.005	<2
46742	125	127	2	*Drill Core*	0.008	<0.02	<0.01	<0.005	<2
46743	127	129	2	*Drill Core*	0.007	<0.02	<0.01	<0.005	<2
46744	129	131	2	*Drill Core*	0.007	<0.02	0.01	<0.005	<2
46745	131	133	2	*Drill Core*	0.007	<0.02	0.02	<0.005	<2
46746	133	135	2	*Drill Core*	0.006	<0.02	0.01	<0.005	<2
46747	135	137	2	*Drill Core*	0.006	<0.02	0.01	<0.005	<2
46748	137	139	2	*Drill Core*	0.007	<0.02	0.01	0.006	<2
46749	139	141	2	*Drill Core*	0.007	<0.02	<0.01	<0.005	<2
46750	141	143	2	*Drill Core*	0.007	<0.02	0.01	0.005	<2

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sample #	from	to	length	Method	7TD	7TD	7TD	G6	7TD
				Analyte	Cu	Pb	Zn	Au	Ag
				Unit	%	%	%	GM/T	GM/T
				MDL	0.001	0.02	0.01	0.005	2
					> 0.1% =		>1000 ppm	> 100 ppb	> 24 g/t
					1000 ppm	> 1.0%	> 1.0%	> 1.000 g/t	> 100 g/t
DDH 10-7									
46766	19.4	21.4	2	Drill Core	0.005	<0.02	<0.01	<0.005	<2
46767	21.4	23.4	2	Drill Core	0.005	<0.02	0.02	<0.005	<2
46768	23.4	25.4	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46769	25.4	27.4	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46770	27.4	29.4	2	Drill Core	0.007	<0.02	0.01	0.006	<2
46771	29.4	31.4	2	Drill Core	0.007	<0.02	0.01	0.005	<2
46772	31.4	33.4	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46773	33.4	35.4	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46774	35.4	37.4	2	Drill Core	0.006	<0.02	0.01	0.007	<2
46775	37.4	39.4	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46776	39.4	41.4	2	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46777	41.4	43.4	2	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46778	43.4	45.4	2	Drill Core	0.005	<0.02	0.01	<0.005	<2
46779	45.4	47.4	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46780	47.4	49.4	2	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46781	49.4	51.4	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46782	51.4	53.4	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46783	53.4	55.4	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46784	55.4	56.4	1	Drill Core	0.007	<0.02	0.02	<0.005	<2

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					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-8									
46796	22.25	24.25	2	Drill Core	0.006	<0.02	0.01	0.007	<2
46797	24.25	26.25	2	Drill Core	0.007	<0.02	0.01	0.006	<2
46798	26.25	28.25	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46799	28.25	30.25	2	Drill Core	0.005	<0.02	0.01	<0.005	<2
46800	30.25	32.25	2	Drill Core	0.004	<0.02	<0.01	0.005	<2
46801	32.25	33.55	1.3	Drill Core	<0.001	<0.02	<0.01	<0.005	<2
46802	33.55	35.5	1.95	Drill Core	0.007	<0.02	0.01	0.005	<2
46803	35.5	37.5	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46804	37.5	39.5	2	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46805	39.5	41.5	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46806	41.5	43.5	2	Drill Core	0.006	<0.02	0.01	<0.005	<2
46807	43.5	45.5	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46808	45.5	47.5	2	Drill Core	0.005	<0.02	0.01	<0.005	<2
46809	47.5	49.5	2	Drill Core	0.006	<0.02	0.01	0.005	<2
46810	49.5	51.5	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46811	51.5	53.5	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46812	53.5	55.5	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46813	55.5	57.5	2	Drill Core	0.007	<0.02	0.01	0.007	<2
46814	57.5	59.5	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46815	59.5	61.5	2	Drill Core	0.009	<0.02	0.13	<0.005	<2
46816	61.5	63.5	2	Drill Core	0.006	<0.02	<0.01	0.005	<2
46817	63.5	65.5	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46818	65.5	67.5	2	Drill Core	0.007	<0.02	0.02	0.014	<2
46819	67.5	69.5	2	Drill Core	0.003	<0.02	0.03	0.006	<2
46820	69.5	71.5	2	Drill Core	0.001	<0.02	<0.01	<0.005	<2
46821	71.5	73.5	2	Drill Core	0.005	<0.02	0.01	<0.005	<2
46822	73.5	75.5	2	Drill Core	0.007	<0.02	0.03	<0.005	<2
46823	75.5	77.13	1.63	Drill Core	0.004	<0.02	0.03	<0.005	<2
46824	77.13	77.64	0.51	Drill Core	0.005	0.16	0.23	0.029	6
46825	77.64	79.65	2.01	Drill Core	0.008	<0.02	0.01	<0.005	5
46826	79.65	81.65	2	Drill Core	0.01	<0.02	0.01	<0.005	3
46827	81.65	83.65	2	Drill Core	0.008	<0.02	<0.01	<0.005	<2
46828	83.65	85.65	2	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46829	85.65	87.65	2	Drill Core	0.007	<0.02	<0.01	<0.005	2
46830	87.65	89.65	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46831	89.65	91.65	2	Drill Core	0.008	<0.02	<0.01	<0.005	<2
46832	91.65	93.65	2	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46833	93.65	95.65	2	Drill Core	0.007	<0.02	<0.01	0.005	2
46834	95.65	97.65	2	Drill Core	0.008	<0.02	0.02	<0.005	2

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46835	**97.65**	**99.65**	**2**	*Drill Core*	0.006	<0.02	0.03	<0.005	2
46836	**99.65**	**101.7**	**2**	*Drill Core*	0.008	<0.02	<0.01	<0.005	2
46837	**101.65**	**103.7**	**2**	*Drill Core*	0.006	<0.02	0.03	<0.005	<2
46838	**103.65**	**105.7**	**2**	*Drill Core*	0.006	<0.02	<0.01	0.006	<2
46839	**105.65**	**107.7**	**2**	*Drill Core*	0.009	<0.02	0.02	0.013	3
46840	**107.65**	**109.7**	**2**	*Drill Core*	0.009	<0.02	0.02	<0.005	2
46841	**109.65**	**111.7**	**2**	*Drill Core*	0.009	<0.02	0.03	<0.005	<2
46842	**111.65**	**113.7**	**2**	*Drill Core*	0.007	<0.02	<0.01	<0.005	2
46843	**113.65**	**114.5**	**0.88**	*Drill Core*	0.008	<0.02	<0.01	<0.005	<2
46844	**142.69**	**144.5**	**1.83**	*Drill Core*	0.008	<0.02	0.18	0.019	4
46845	**153.1**	**155.5**	**2.39**	*Drill Core*	0.007	0.06	0.2	0.033	4
46846	**157.34**	**159.7**	**2.39**	*Drill Core*	0.002	0.05	0.14	0.02	<2
46847	**181.74**	**183.8**	**2.02**	*Drill Core*	0.006	<0.02	0.03	0.006	<2

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sample	from	to	length	Method Analyte Unit MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-9									
46848	27.4	29.4	2	Drill Core	0.005	<0.02	0.02	<0.005	<2
46849	29.4	31.4	2	Drill Core	0.007	<0.02	0.02	0.01	<2
46850	31.4	33.4	2	Drill Core	0.007	<0.02	0.02	0.01	<2
46851	33.4	35.4	2	Drill Core	0.007	<0.02	0.02	0.008	<2
46852	35.4	37.4	2	Drill Core	0.007	<0.02	0.02	0.008	<2
46853	37.4	39.4	2	Drill Core	0.007	<0.02	0.01	0.009	<2
46854	39.4	41.4	2	Drill Core	0.007	<0.02	0.02	0.005	<2
46855	41.4	43.4	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46856	43.4	45.4	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46857	45.4	47.4	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46858	47.4	49.4	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46859	49.4	51.4	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46860	51.4	53.4	2	Drill Core	0.005	<0.02	0.08	<0.005	<2
46861	53.4	55.4	2	Drill Core	0.006	0.03	0.05	0.006	<2
46862	55.4	57.4	2	Drill Core	0.006	<0.02	0.03	0.009	<2
46863	57.4	59.4	2	Drill Core	0.01	<0.02	0.22	0.04	<2
46864	59.4	60.1	0.7	Drill Core	0.011	<0.02	0.22	0.273	2
46865	60.1	62.1	2	Drill Core	0.005	<0.02	0.02	0.057	<2
46866	62.1	64.1	2	Drill Core	0.007	<0.02	0.02	0.012	<2
46867	64.1	66.24	2.14	Drill Core	0.006	<0.02	0.03	0.011	<2
46868	66.24	68.24	2	Drill Core	0.006	<0.02	<0.01	0.005	<2
46869	68.24	70.24	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46870	70.24	72.24	2	Drill Core	0.009	<0.02	0.03	<0.005	<2
46871	72.24	74.24	2	Drill Core	0.01	<0.02	0.02	<0.005	2
46872	74.24	76.24	2	Drill Core	0.007	<0.02	<0.01	0.006	<2
46873	76.24	78.24	2	Drill Core	0.008	<0.02	<0.01	0.006	<2
46874	78.24	80.24	2	Drill Core	0.009	<0.02	0.02	0.007	<2
46875	80.24	82.24	2	Drill Core	0.007	<0.02	0.03	0.008	<2
46876	82.24	84.24	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46877	84.24	86.24	2	Drill Core	0.01	<0.02	0.02	0.005	2
46878	86.24	88.24	2	Drill Core	0.007	<0.02	0.01	<0.005	<2
46879	88.24	90.24	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46880	90.24	91.24	1	Drill Core	0.005	<0.02	0.01	<0.005	<2
46881	91.24	92.2	0.96	Drill Core	0.009	0.25	0.58	0.03	11
46882	92.2	93.87	1.67	Drill Core	0.01	0.81	2.17	0.064	24
46883	93.87	95.87	2	Drill Core	0.005	0.07	0.08	0.011	3
46884	95.87	97.87	2	Drill Core	0.007	0.07	0.09	0.007	3
46885	97.87	99.87	2	Drill Core	0.008	0.07	0.13	0.006	5
46886	122	124	2	Drill Core	0.007	<0.02	0.02	0.012	4

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46887	**124**	**126**	**2**	*Drill Core*	0.008	<0.02	0.04	0.009	<2
46888	**126**	**128**	**2**	*Drill Core*	0.006	<0.02	0.04	0.006	<2
46889	**128**	**130**	**2**	*Drill Core*	0.006	<0.02	0.02	0.006	<2
46890	**130**	**132**	**2**	*Drill Core*	0.005	<0.02	0.01	0.006	<2
46891	**132**	**132.8**	**0.75**	*Drill Core*	0.006	<0.02	0.02	0.014	<2
46892	**133**	**134.8**	**2**	*Drill Core*	0.006	<0.02	0.03	0.006	<2
46893	**135**	**136.8**	**2**	*Drill Core*	0.006	<0.02	0.01	0.006	<2
46894	**137**	**138.8**	**2**	*Drill Core*	0.005	<0.02	0.03	0.006	3
46895	**139**	**139.5**	**0.75**	*Drill Core*	0.008	<0.02	0.02	0.007	<2
46896	**166**	**168.4**	**2**	*Drill Core*	0.005	<0.02	0.01	0.006	<2
46897	**168**	**170.7**	**2.3**	*Drill Core*	0.003	<0.02	0.01	<0.005	<2
46898	**187**	**188.1**	**1.09**	*Drill Core*	0.004	<0.02	0.02	0.011	<2

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sample	from	to	length	Method / Analyte / Unit / MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-10									
46899	64	66	2	Drill Core	0.006	<0.02	0.01	<0.005	<2
46900	66	68	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46901	68	70	2	Drill Core	0.005	<0.02	0.03	<0.005	<2
46902	70	72	2	Drill Core	0.01	<0.02	<0.01	<0.005	<2
46903	72	74	2	Drill Core	<0.001	<0.02	<0.01	<0.005	<2
46904	74	76	2	Drill Core	<0.001	<0.02	<0.01	<0.005	<2
46905	76	78	2	Drill Core	0.007	<0.02	0.02	<0.005	<2
46906	78	80	2	Drill Core	0.007	<0.02	0.01	0.009	<2
46907	80	82	2	Drill Core	0.006	<0.02	0.22	0.011	<2
46908	82	84	2	Drill Core	0.005	<0.02	0.06	0.048	<2
46909	84	85.66	1.66	Drill Core	0.006	<0.02	0.54	0.007	<2
46910	93.3	95.3	2	Drill Core	0.003	<0.02	<0.01	0.019	<2
46911	95.3	97.3	2	Drill Core	0.005	<0.02	<0.01	0.01	<2
46912	97.3	99.3	2	Drill Core	0.008	<0.02	0.01	<0.005	<2
46913	99.3	101.3	2	Drill Core	0.007	<0.02	0.01	0.006	<2
46914	101	103.3	2	Drill Core	0.003	<0.02	0.01	<0.005	<2
46915	103	106	2.7	Drill Core	0.006	<0.02	<0.01	<0.005	<2
46916	109	111.4	2	Drill Core	0.006	<0.02	0.06	<0.005	<2
46917	111	113.4	2	Drill Core	0.003	<0.02	<0.01	<0.005	<2
46918	113	115.4	2	Drill Core	0.005	<0.02	0.02	0.008	<2
46919	115	117.4	2	Drill Core	0.007	<0.02	<0.01	<0.005	<2
46920	117	119.4	2	Drill Core	0.008	<0.02	0.02	<0.005	<2
46921	119	121.4	2	Drill Core	0.008	<0.02	<0.01	<0.005	<2
46922	121	123.4	2	Drill Core	0.008	<0.02	<0.01	0.005	<2
46923	123	124.5	1.1	Drill Core	0.008	<0.02	<0.01	<0.005	<2
46924	125	126	1.5	Drill Core	0.04	0.02	0.33	0.136	6
46925	126	128	2	Drill Core	0.018	0.06	0.03	0.015	4
46926	128	130	2	Drill Core	0.077	<0.02	0.04	0.085	9
46927	130	132.1	2.13	Drill Core	0.01	<0.02	0.02	0.027	<2
46928	132	134.3	2.17	Drill Core	0.005	<0.02	<0.01	<0.005	<2
46929	134	135.5	1.2	Drill Core	0.006	<0.02	0.01	<0.005	<2
46930	136	137.5	2	Drill Core	0.006	<0.02	0.05	<0.005	<2
46931	138	139.5	2	Drill Core	0.006	<0.02	0.07	0.012	<2
46932	140	141.6	2.1	Drill Core	0.006	<0.02	0.01	<0.005	<2
46933	142	143.6	2	Drill Core	0.008	<0.02	0.02	<0.005	<2
46934	144	145.6	2	Drill Core	0.006	<0.02	0.02	<0.005	<2
46935	146	147	1.4	Drill Core	0.005	<0.02	0.06	<0.005	<2
46936	147	148.6	1.6	Drill Core	0.006	0.05	0.24	0.007	<2
46937	149	150.4	1.8	Drill Core	0.006	0.07	0.04	<0.005	3

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46938	**157**	**157.7**	**1.2**	*Drill Core*	0.008	<0.02	0.02	<0.005	<2
46939	**158**	**159.1**	**1.35**	*Drill Core*	0.007	0.03	0.17	<0.005	5
46940	**159**	**161.3**	**2.25**	*Drill Core*	0.007	<0.02	0.02	0.011	<2
46941	**161**	**163.3**	**2**	*Drill Core*	0.014	0.27	0.02	0.053	9
46942	**163**	**165**	**1.7**	*Drill Core*	0.012	0.17	0.49	0.01	29
46943	**165**	**166.6**	**1.6**	*Drill Core*	0.005	0.03	0.12	<0.005	3
46944	**167**	**168.3**	**1.65**	*Drill Core*	0.005	0.03	0.02	<0.005	25
46945	**168**	**170.3**	**2.05**	*Drill Core*	0.035	<0.02	1.23	0.009	6
46946	**170**	**172.3**	**2**	*Drill Core*	0.003	0.02	0.05	<0.005	<2
46947	**172**	**174.1**	**1.8**	*Drill Core*	0.003	0.04	0.08	<0.005	<2

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sample #	from	to	length	Method Analyte Unit MDL	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	G6 Au GM/T 0.005	7TD Ag GM/T 2
					> 0.1% = 1000 ppm	> 1.0%	>1000 ppm > 1.0%	> 100 ppb > 1.000 g/t	> 24 g/t > 100 g/t
DDH 10-11									
46948	**32.9**	**34.9**	**2**	*Drill Core*	0.005	<0.02	0.01	<0.005	<2
46949	**34.9**	**35.9**	**1**	*Drill Core*	0.002	<0.02	<0.01	<0.005	<2
46950	**35.9**	**38.4**	**2.5**	*Drill Core*	0.003	<0.02	0.01	<0.005	<2
46951	**38.4**	**40.4**	**2**	*Drill Core*	0.006	<0.02	0.02	<0.005	<2
46952	**40.4**	**42.4**	**2**	*Drill Core*	0.005	<0.02	0.01	0.005	<2
46953	**42.4**	**44.4**	**2**	*Drill Core*	0.005	<0.02	0.08	0.007	<2
46954	**44.4**	**46.4**	**2**	*Drill Core*	0.008	<0.02	0.02	<0.005	<2
46955	**76.2**	**78.2**	**2**	*Drill Core*	0.006	<0.02	0.01	<0.005	<2
46956	**78.2**	**80.2**	**2**	*Drill Core*	0.004	<0.02	<0.01	<0.005	<2
46957	**80.2**	**82.2**	**2**	*Drill Core*	<0.001	<0.02	<0.01	<0.005	<2
46958	**82.2**	**84.2**	**2**	*Drill Core*	<0.001	<0.02	<0.01	<0.005	<2
46959	**84.2**	**85.25**	**1.05**	*Drill Core*	<0.001	<0.02	<0.01	<0.005	<2
46960	**85.25**	**86.85**	**1.6**	*Drill Core*	0.006	<0.02	<0.01	<0.005	<2
46961	**86.85**	**88.41**	**1.56**	*Drill Core*	0.005	<0.02	0.05	<0.005	<2
46962	**88.41**	**90.41**	**2**	*Drill Core*	<0.001	<0.02	<0.01	<0.005	<2
46963	**90.41**	**92.1**	**1.69**	*Drill Core*	0.016	<0.02	0.41	0.343	4
46964	**92.1**	**94.1**	**2**	*Drill Core*	0.012	<0.02	0.19	<0.005	<2
46965	**94.1**	**95.7**	**1.6**	*Drill Core*	0.007	<0.02	0.02	0.023	<2
46966	**101.4**	**103.4**	**2**	*Drill Core*	0.008	<0.02	0.03	<0.005	<2
46967	**133.9**	**135.9**	**2**	*Drill Core*	0.006	<0.02	0.15	<0.005	<2
46968	**135.9**	**137.9**	**2**	*Drill Core*	0.01	<0.02	0.03	0.057	<2
46969	**137.9**	**140**	**2.1**	*Drill Core*	0.009	0.03	0.14	0.005	<2
46970	**140**	**140.7**	**0.65**	*Drill Core*	0.008	<0.02	0.02	<0.005	<2
46971	**158.8**	**160.8**	**2**	*Drill Core*	0.007	<0.02	0.06	<0.005	<2
46972	**160.8**	**162.8**	**2**	*Drill Core*	0.004	<0.02	0.25	0.005	<2
46973	**162.8**	**164.8**	**2**	*Drill Core*	0.003	<0.02	0.22	<0.005	<2
46974	**164.8**	**166.8**	**2**	*Drill Core*	0.01	0.03	0.59	0.019	4
46975	**166.8**	**168.8**	**2**	*Drill Core*	0.017	<0.02	0.75	<0.005	3
46976	**168.8**	**170.8**	**2**	*Drill Core*	0.018	<0.02	0.96	<0.005	4
46977	**170.8**	**172.8**	**1.97**	*Drill Core*	0.006	<0.02	0.3	<0.005	5
46978	**172.8**	**174.8**	**2**	*Drill Core*	0.008	<0.02	<0.01	<0.005	<2
46979	**174.8**	**176.8**	**2**	*Drill Core*	0.006	<0.02	<0.01	<0.005	<2
46980	**176.8**	**178.8**	**2**	*Drill Core*	0.008	<0.02	0.01	0.009	<2
46981	**178.8**	**180.8**	**2**	*Drill Core*	0.002	<0.02	0.04	<0.005	<2
46982	**180.8**	**181.3**	**0.55**	*Drill Core*	0.007	<0.02	0.05	<0.005	<2
46983	**181.3**	**183.3**	**2**	*Drill Core*	0.005	<0.02	0.02	0.006	<2
46984	**183.3**	**184.4**	**1.05**	*Drill Core*	0.007	<0.02	0.05	<0.005	3
46985	**184.4**	**185.6**	**1.23**	*Drill Core*	0.004	<0.02	<0.01	<0.005	<2
46986	**185.6**	**187.5**	**1.9**	*Drill Core*	0.004	<0.02	0.01	<0.005	<2

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CONCLUSIONS

1) A massive sulphide environment of deposition exists at Fireweed.
2) Significant mineralization occurs outside of the massive sulphide zone(s)

3) Drilling to date has not yet defined the extent of mineralization on the west zone or the Feeder Zone. The zone is considered open to depth and laterally.

4) Additional "feeder" zones may exist

5) The 2010 drilling program has demonstrated mineral potential along a trend of geophysical IP conductors established in 2005.

6) Additional Drilling is warranted. It should be conducted with attention paid to downhole survey accuracy

RECCOMMENDATIONS

1) It would be very advantageous to complete a compilation and accurate location of existing features such as grids and old drill collars, some of which are almost 20 years old. These features were well marked in the field at the time of execution and although they are often difficult to see on the ground today, the Identification is still discernable but is rapidly deteriorating. There is a relatively short window of opportunity (just a few years) where they may be accurately located and correlated, thereby creating a positional 3-D digital database and allowing confident planning for future exploration and development.

2) Phase one, (P1) 1500 m of NQ diamond drilling, on the West Zone, Mn, East and South Zones and the Feeder Zone is recommended. A second Phase two (P2) 1500 meter program determined by success of the P1 program could follow directly or be staged at a later date. Each 1500 meter program is estimated to cost $300,000.00 based on the 2010 program cost. Detailed estimates are provided on the following page.

All drilling should be conducted using detailed downhole surveys to help explore and evaluate potential to depth and help to accurately define the shape and structure of the mineralization. Care should be taken to ensure the instrument is sufficiently removed from the drill string at time of survey to avoid magnetic influence from the drill string.

Such a program should be completed in conjunction with the relocations and compilations recommended in (1)

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ESTIMATED COSTS (2011 Canadian Dollars)

Diamond drill project: (Estimated cost is for Each of Phase 1 & Phase 2)

Drilling 1500 m @ 135.00 per meter (incl. downhole surv. and all additives.)	202,500
Room and Board: 3 men 30 days , 100/	9000
Site prep and road maintenance	2500
1 Geologist , 2 technicians (est 120 man days) 1+2 x 30	30,000
Assays- 450 x 40	18000
core racks, field supplies, etc.	3000
Transportation, vehicle rentals, fuel, freight	6000
Communications rentals, core splitters ,equipment rentals	750
Environmental rehab	2500
Report and documentation	8000
Contingency 6%	17750

Phase one	Total estimated cost	$300,000.00
Phase two	Total estimated cost	$300,000.00
TOTAL PHASE 1 and PHASE 2		$600,000.00

Compilation project: (Est. 21 days)

location surveys (2 men)	7000
Room and Board	1100
Transportation, vehicle, rentals,	2500
Report and Documentation	6000
Total estimated cost	$ 16600.00

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EMPR ASS RPT *17774, 18501, 21353, 21879, 26298, 28161, 29052
EMPR BULL 110
EMPR EXPL *1988-A34,B127-B131,C175;; 1999-1-11
EMPR FIELDWORK 2000, pp. 253-268
EMPR MAP 1; 65, 1989
EMPR OF 1992-1; 1992-3; 1997-10; 1998-10

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EMR MIN BULL MR 223 B.C. 240
GSC MAP 971A
GSC OF 720; 351; 215; *2322 (#230)
GCNL #37,#153,#155,#163,#167,#222,#243, 1988; #4,#9,#19,#26,#56, *#66,#75,#85, 1989; #32, #181, 1991
N MINER Aug. 22, 1988; Feb. 6, Mar. 6, 27, 1989; Oct. 21, 1991
NW PROSP Jan/Feb, 1989; May/June, 1989
PR REL Canadian United Minerals, Jan. 19, 1988
V STOCKWATCH Jan. 19, 1988; April 19, 1989
WWW http://www.infomine.com/
Placer Dome File

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STATEMENT OF QUALIFICATIONS

I, William A. Howell, certify the following:

1. I am a registered and practicing member of the Association of Professional Engineers and Geoscientists of British Columbia, Licence # 20440.

2. I reside and conduct my business at 822 Belfort Rd, Princeton B.C. V0X 1W0.
Tel. 250 295-1385 E-mail: wahowell_pgeo@live.ca

3. I graduated from the University of British Columbia in 1971 with a Batchelor of Science Degree (Geology)

4. I have practiced my profession as a Geologist since 1971.

5. I have gained geological experience working with several major companies and several junior companies.

6. I Have worked on a wide variety of mineral deposit types including exploration for Porphyry Copper/moly, Molybdenum, Massive Sulphide deposits, vein gold and base metals, bulk mineable gold deposits. I have gained underground as well as surface experience.

7. I have practiced my profession as a consultant and contractor since 1983, and have conducted and managed exploration programs in British Columbia, Alberta, Yukon, and Northwest Territories, Western and South Western U.S.A., Central and North Western Mexico and the Republic of Panama.

8. I did manage and technically supervise the 2010 drill program described herein and perform geological services for Shamrock Enterprises Inc. on the FIREWEED PROJECT.

_____ April 04, 2011
W.A. Howell, P.Geo. **Date**

WA HOWELL P.Geo. P.O. Box 1849, Princeton BC Canada, V0X 1W0 .
TEL: 250-295-1385 E-Mail: wahowell_pgeo@live.ca

SIGNATURE PAGE

This report, "Diamond Drilling Assessment Report on the Fireweed project , Omineca Mining District, Babine Lake area, BC" was prepared for: Shamrock Enterprises Inc. Unit 19, 650 Roche Pt Drive, North Vancouver BC, V7H 2Z5, Tel: 778 340 1934

The project was managed, technically directed, and the report written by W.A. Howell, P.Geo.

Respectfully submitted this 4th day of April, 2011,

_____

W.A. Howell, P.Geo.

WA HOWELL P.Geo. P.O. Box 1849, Princeton BC Canada, V0X 1W0 .
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APPENDIX I

STATEMENT OF COSTS
(from company ledger)

Shamrock Enterprises Ltd. Fireweed Project. Omineca Mining District, Babine Lake Area BC

Labour	Shamrock personnel		
W.A. Howell, P.Geo.	Oct 28, 2010 to Dec. 08, 2010	42 man days @ 600/	25,200.00
Grant Atkins, Technician,	Oct 27 to Dec.08, 2010	43 man days @ 100/	4,300.00
		85 man days	29,500.00

Contract Personnel- wages included in contract price.

2 drillers and 2 helpers included in contract price,
site cleanup and rehab.

Drill contract,: Blackhawk Diamond Drilling Ltd.:	272, 215.00
Reclamation:, slashing, backfilling, cleanup; Tukii Lodge	1377.50
Hydraulic core splitters: A.M. Rudkovic Inc.	787.00
Field expenses: R&B, Truck rental, Fuel, core rack & core shack materials, communications Consumable field supplies(tarps,sample bags, sacks, saws, ribbon, room and Board,etc.	33393.42
Warehouse and storage: CJL Enterprises	1325.00
Assays (ACME LABS)	20,779.30
Report and maps	8000.00
TOTAL PROJECT COST (Can. $)	**$ 367,266.22**

WA HOWELL P.Geo. P.O. Box 1849, Princeton BC Canada, V0X 1W0 .
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APPENDIX II

DRILL LOGS

WA HOWELL P.Geo. P.O. Box 1849, Princeton BC Canada, V0X 1W0 .
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APPENDIX III

ASSAY RESULTS

WA HOWELL P.Geo. P.O. Box 1849, Princeton BC Canada, V0X 1W0 .
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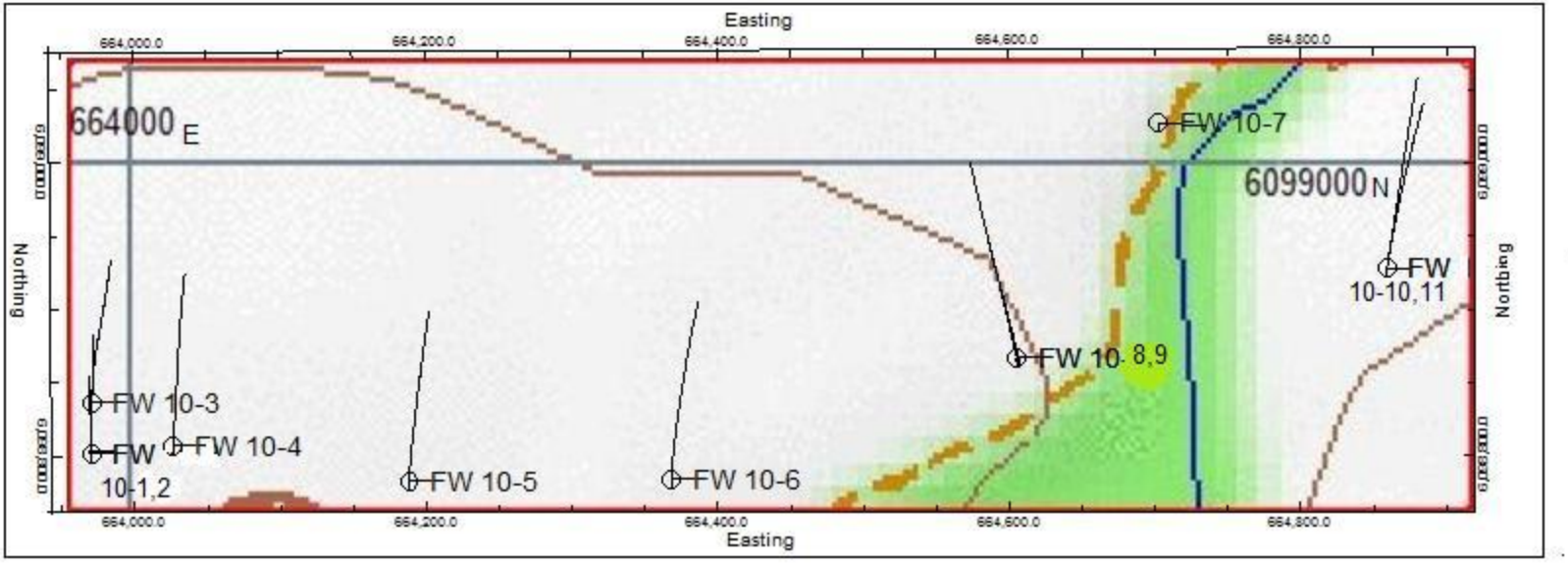
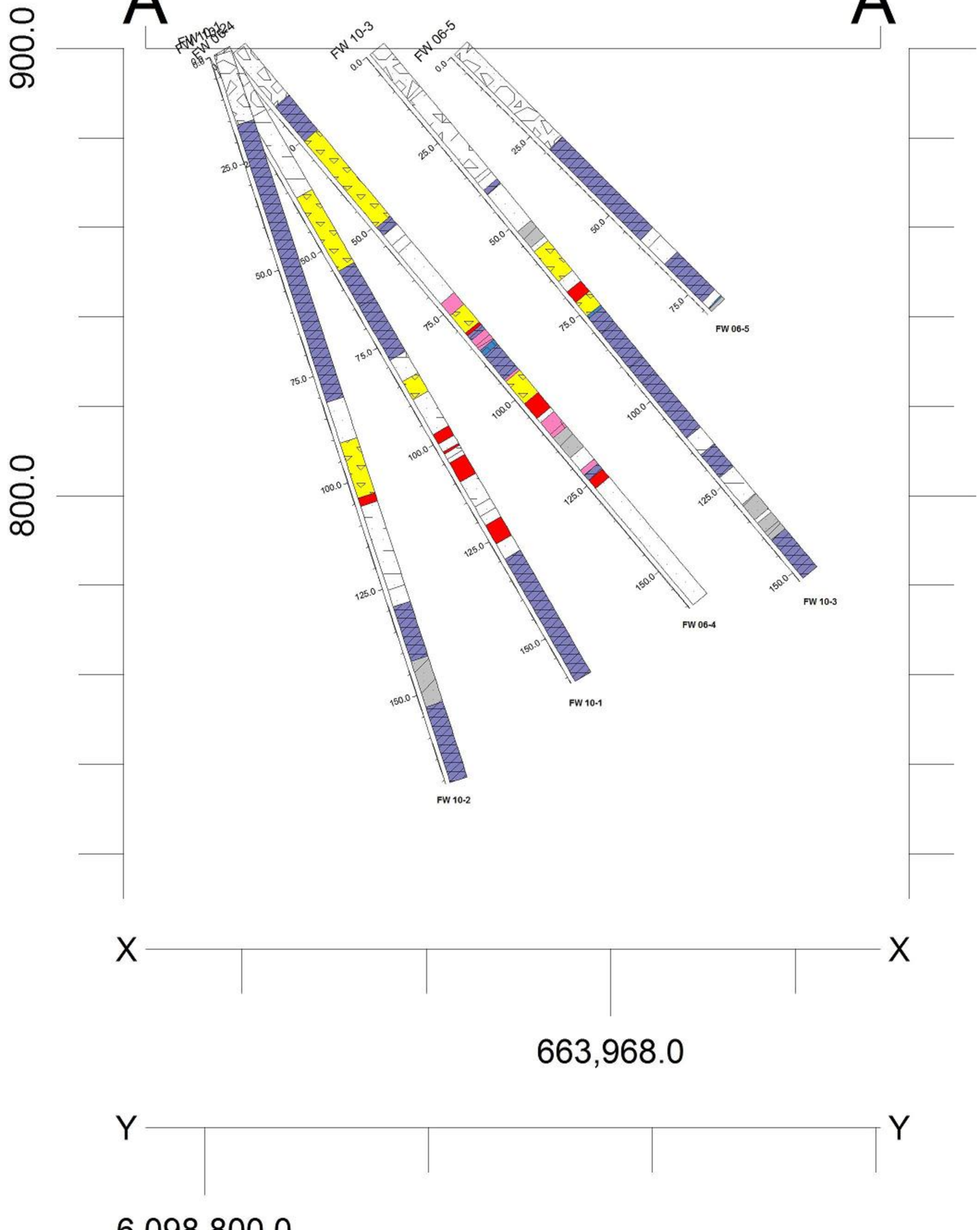


Scale: indicated

Fig.5

Cross-Section A-A'

Shamrock Enterprises Ltd.
Fireweed Property



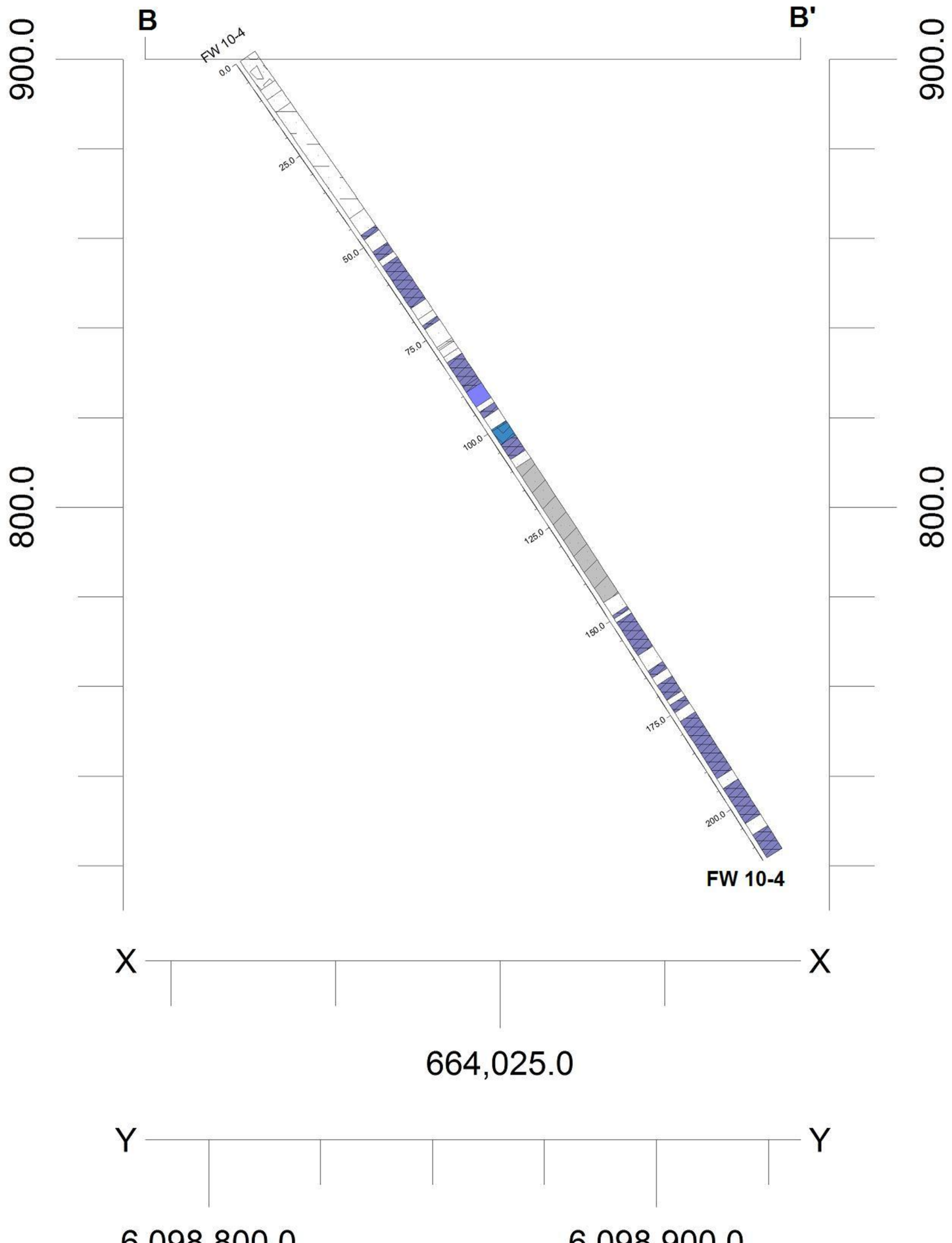
Lithology Index	Stratigraphy Index
Black Argillite	Undefined
Black Siltstone	
Breccia	
Fault Zone	
Grey Sandstone	
Grey Siltstone	
Greywacke-Sandstone	
Latite Dike	
Massive Sulphide	
Mineral Zone	
Overburden	
Quartzite-Sandstone	

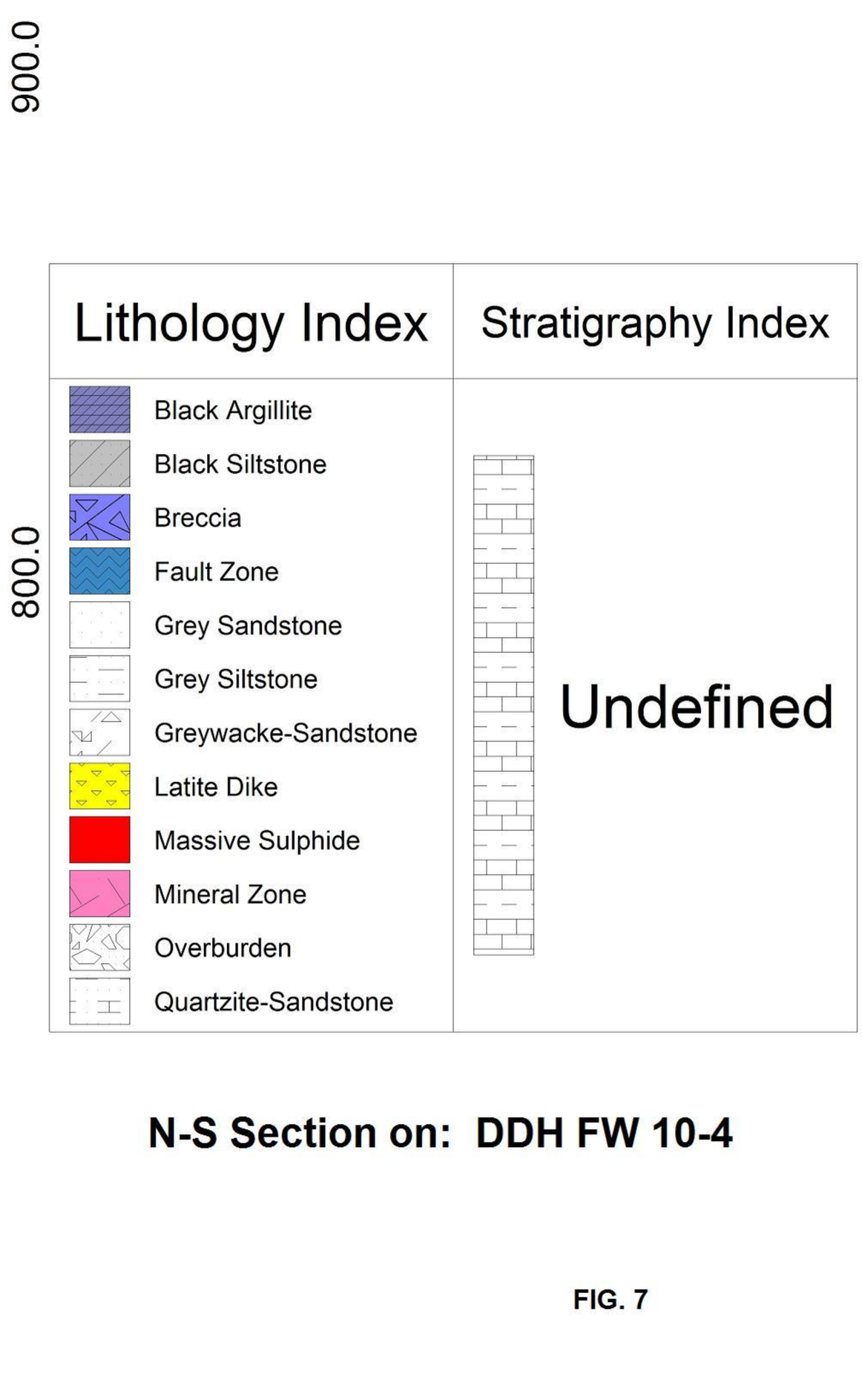
N-S Section on: DDH FW 10-1, 10-2, 10-3, also: FW 06-4, 06-5

Fig. 6

Cross-Section B-B'

Shamrock Enterprises Ltd.
Fireweed Property



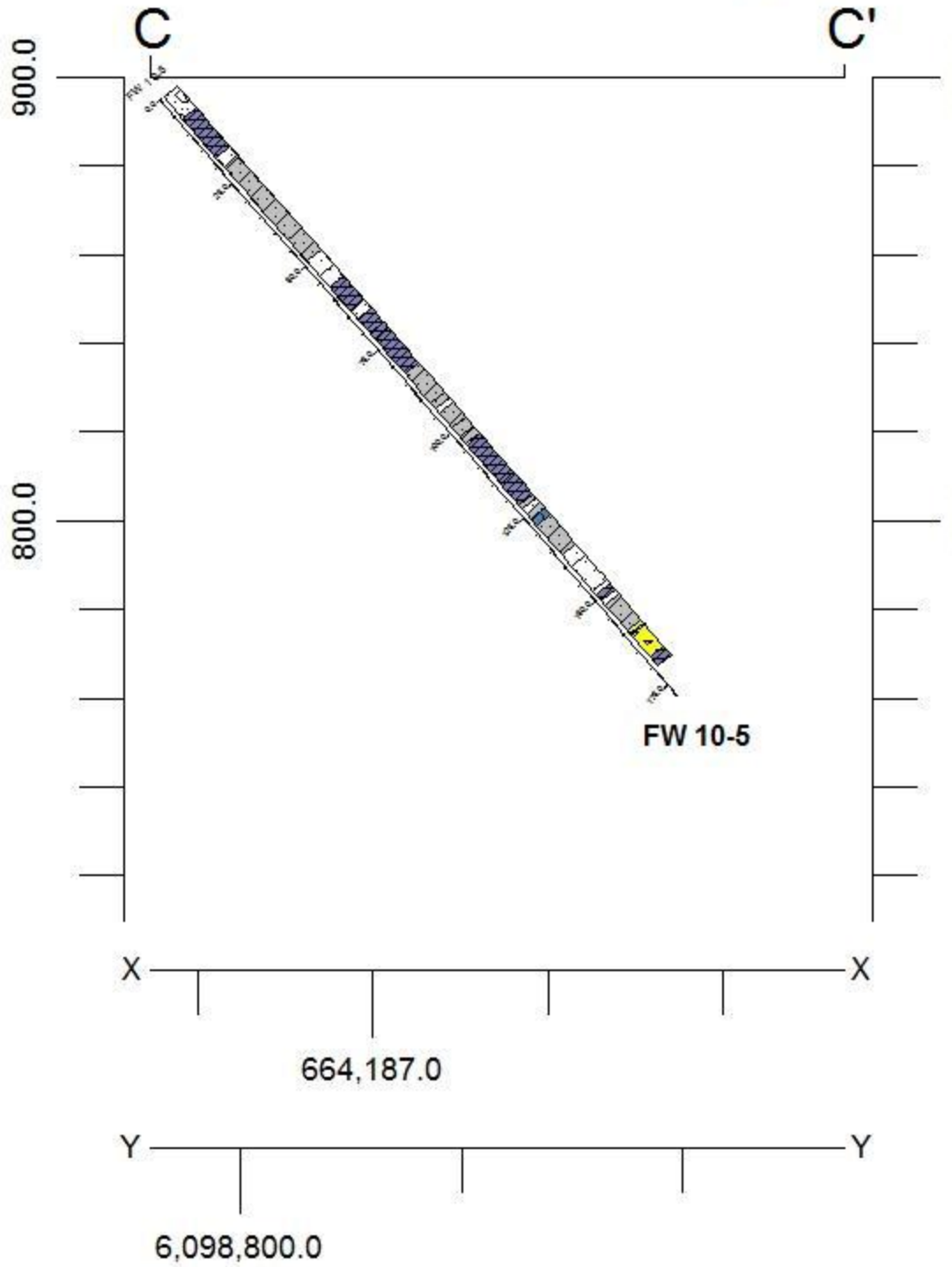


N-S Section on: DDH FW 10-4

FIG. 7

Cross-Section C-C'

Shamrock Enterprises Ltd
Fireweed Property



Lithology Index	Stratigraphy Index
Black Argillite	Undefined
Black Siltstone	
Breccia	
Fault Zone	
Grey Sandstone	
Grey Siltstone	
Greywacke-Sandstone	
Latite Dike	
Massive Sulphide	
Mineral Zone	
Overburden	
Quartzite-Sandstone	

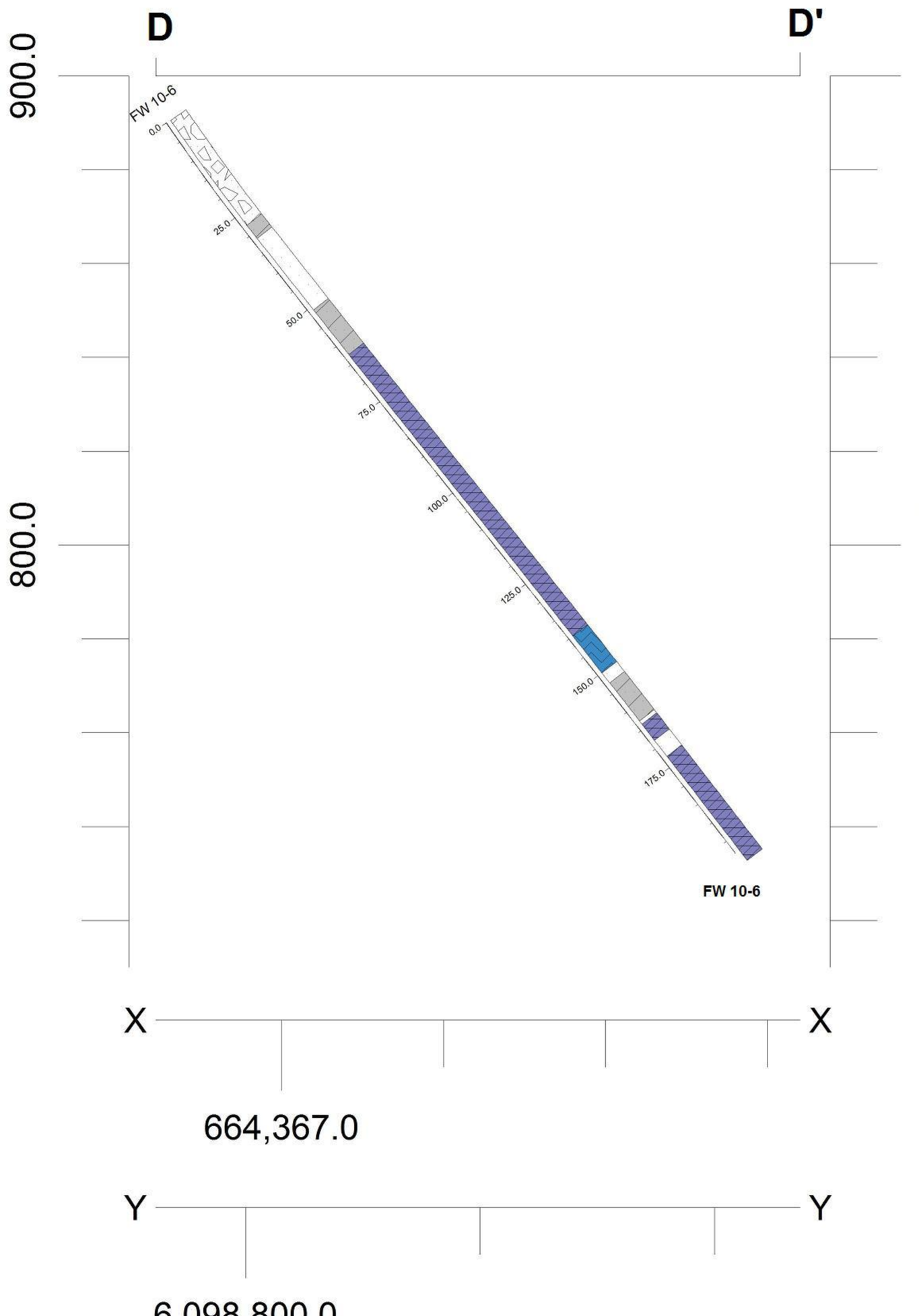
N-S Section on: DDH FW 10-5

Fig. 8

Cross-Section D-D'

Shamrock Enterprises Ltd.

Fireweed Property



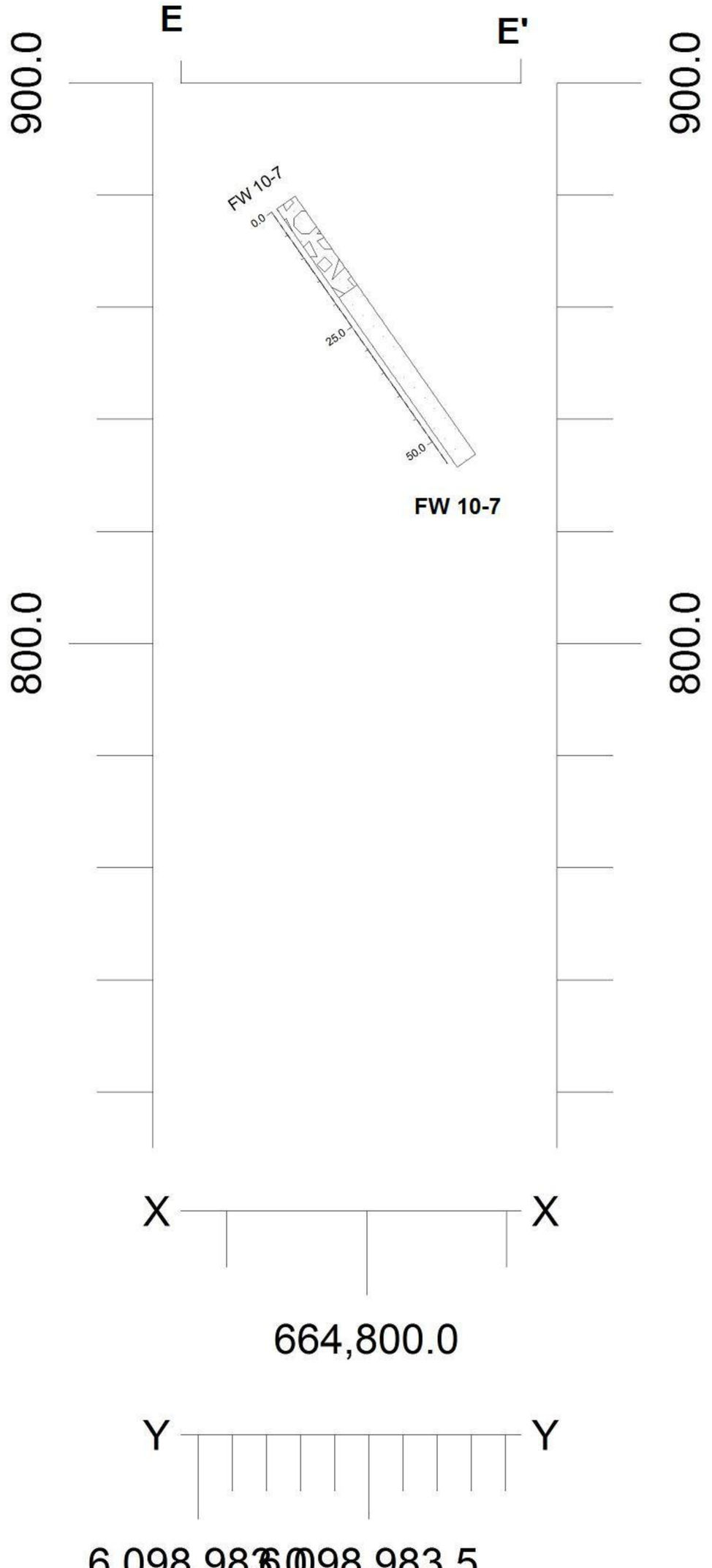
Lithology Index	Stratigraphy Index
Black Argillite	
Black Siltstone	
Breccia	
Fault Zone	
Grey Sandstone	
Grey Siltstone	
Greywacke-Sandstone	
Latite Dike	
Massive Sulphide	
Mineral Zone	
Overburden	
Quartzite-Sandstone	Undefined

N-S Section on: DDH FW 10-6

Fig. 9

Cross-Section E-E'

Shamrock Enterprises Ltd.
Fireweed Property



Lithology Index	Stratigraphy Index
Black Argillite	
Black Siltstone	
Breccia	
Fault Zone	
Grey Sandstone	
Grey Siltstone	
Greywacke-Sandstone	
Latite Dike	
Massive Sulphide	
Mineral Zone	
Overburden	
Quartzite-Sandstone	

Undefined

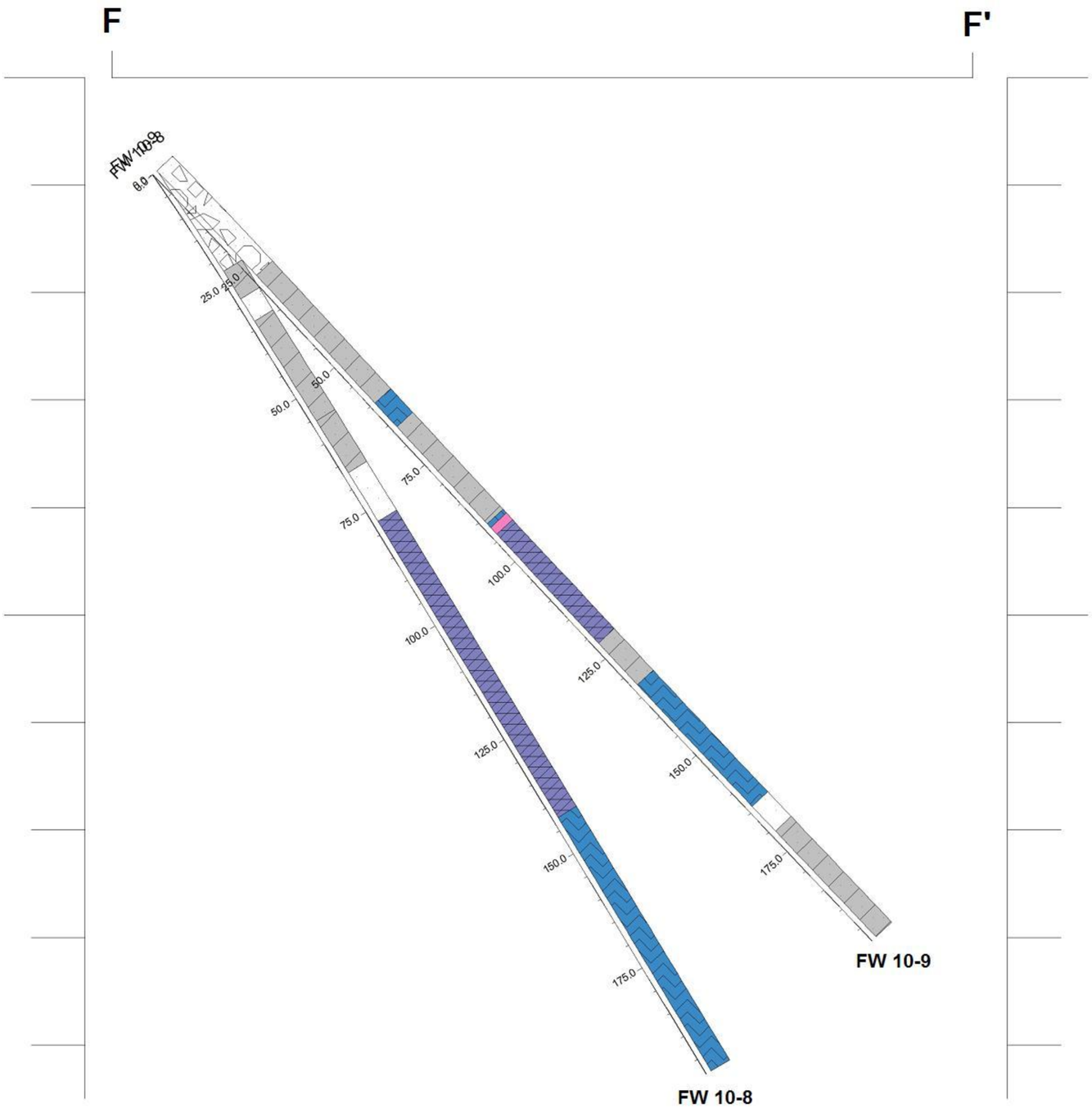
E-W Section on: DDH FW 10-7

Fig. 10

Cross-Section F-F'

Shamrock Enterprises Ltd.

Fireweed Property



Lithology Index	Stratigraphy Index
Black Argillite	Undefined
Black Siltstone	
Breccia	
Fault Zone	
Grey Sandstone	
Grey Siltstone	
Greywacke-Sandstone	
Latite Dike	
Massive Sulphide	
Mineral Zone	
Overburden	
Quartzite-Sandstone	

N-S Section on: DDH FW 10-8, 10-9

Y — Y

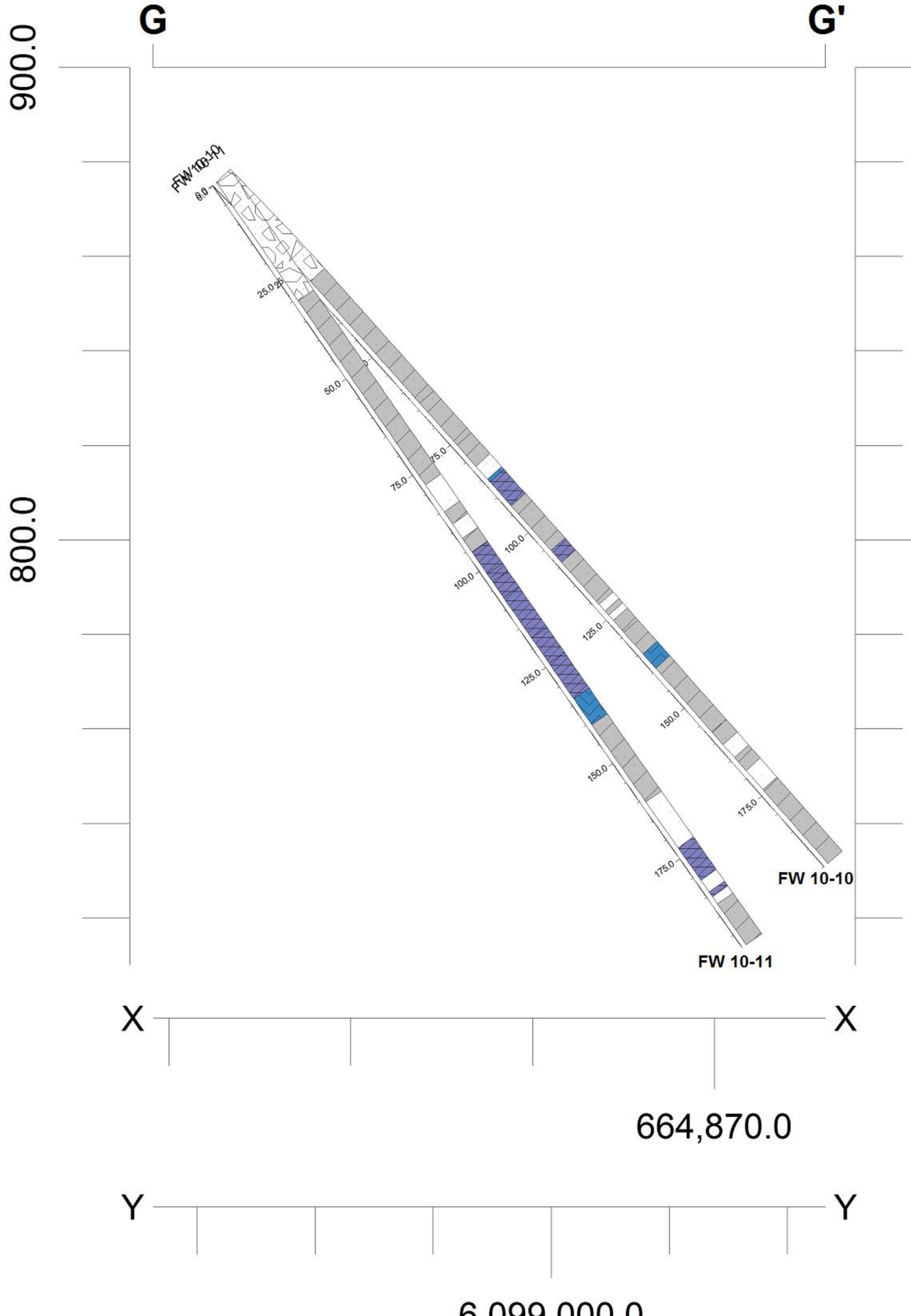
6,099,000.0

Fig. 11

Cross-Section G-G'

Shamrock Enterprises Ltd.

Fireweed Property



Lithology Index

- Black Argillite
- Black Siltstone
- Breccia
- Fault Zone
- Grey Sandstone
- Grey Siltstone
- Greywacke-Sandstone
- Latite Dike
- Massive Sulphide
- Mineral Zone
- Overburden
- Quartzite-Sandstone

Stratigraphy Index

Undefined

N-S Section on: DDH FW 10-10,10-11

Fig. 12

APPENDIX I

STATEMENT OF COSTS : Fireweed project, 2010
(from company ledger)

Shamrock Enterprises Ltd. Fireweed Project. Omineca Mining District, Babine Lake Area BC

Labour	Shamrock personnel		
W.A. Howell, P.Geo.	Oct 28, 2010 to Dec. 08, 2010	42 man days @ 600/	25,200.00
Grant Atkins, Technician,	Oct 27 to Dec.08, 2010	43 man days @ 100/	4,300.00
		85 man days	29,500.00

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2 drillers and 2 helpers included in contract price,
site cleanup and rehab. Labour included in contract price.

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Reclamation:, slashing, backfilling, cleanup; Tukii Lodge	1377.50
Hydraulic core splitters: A.M. Rudkovic Inc.	787.00
Field expenses: R&B, Truck rental, Fuel, core rack & core shack materials, communications Consumable field supplies (tarps,sample bags, sacks, saws, ribbon,) etc.	33393.42
Warehouse and storage: CJL Enterprises	1325.00
Assays (ACME LABS)	20,779.30
Report and maps	8000.00
TOTAL PROJECT COST (Can. $)	**$ 367,377.22**

Fireweed 2010 DDH header information.

FIREWEED PROJECT UTM ZONE 10 U

DRILL HOLE	FW 10-1	FW 10-2	FW 10-3	FW 10-4	FW 10-5	FW 10-6	FW 10-7
Wp ref	302	302	402	400	338	341	332
utm E	663968	663968	663970	664026	664188	664368	664783
utm N	6098971	6098971	6098850	6098806	6098782	6098783	6098984
Log BY	WAH	WAH	WAH	WAH	WAH	WAH	WAH
Collar Elev	898m	898m	898m	899m	895m	890m	877m
AZ	000°	000°	002°	002°	003°	003°	093°
Dip	-60°	-72°	-50°	-55°	-50°	-55°	-55°
Length	161.54	170.8	152.44	213.4	178.04	198.2	54.87
Horiz. Proj	80.75	52.75	97.99	122.4	114.29	113.68	31.4
Vert Proj	139.86	162.35	116.78	174.81	136.2	162.36	44.9
Drill by	Blackhawk	Blackhawk	Blackhawk	Blackhawk	Blackhawk	Blackhawk	Blackhawk
Assay BY	Acme	Acme	Acme	Acme	Acme	Acme	Acme
Core Size	NQ	NQ	NQ	NQ	NQ	NQ	NQ
Start Date	Nov 5/2010	Nov 6/2010	Nov 7/2010	Nov 8/2010	Nov 10/2010	Nov 11/2010	Nov 14/2010
Finish Date	Nov 6/2010	Nov 7/2010	Nov 8/2010	Nov 10/2010	Nov 10/2010	Nov 12/2010	N04 14/2010

Fireweed 2010 DDH header information.

FIREWEED PROJECT UTM ZONE 10 U

DRILL HOLE	FW 10-8	FW 10-9	FW 10-10	FW 10-11
Wp ref	399	399	401	401
utm E	664605	664605	664859	664859
utm N	6098867	6098867	6098928	6098928
Log BY	WAH	WAH	WAH	WAH
Collar Elev	882m	882m	875m	875m
AZ	348°	347°	009°	008°
Dip	-55°	-45°	-45°	-55°
Length	198.2	198.2	195.1	198.2
Horiz. Proj	113.68	140.15	138	122.02
Vert Proj	162.36	140.15	138	162.4
Drill by	Blackhawk	Blackhawk	Blackhawk	Blackhawk
Assay BY	Acme	Acme	Acme	Acme
Core Size	NQ	NQ	NQ	NQ
Start Date	Nov 14/2010	Nov 15/2010	Nov 18/2101(	Nov 20/2010
Finish Date	Nov 15/2010	Nov 17/2010	Nov 20/2010	Nov 22/2010

FIREWEED PROJECT UTM ZONE 10 U

FW 10-1

SHAMROCK ENTERPRISES INC.

m FROM	m TO	LITHOLOGY	COMMENT m
0	16.3	overburden	clay,gravel, till
16.3	37	Siltstone	Sst, Fine Grained Sandy siltstone with Black Argillite - (SSt/bArg)
			The SSt is composed of fg lithic fragments of grey green silicate&dark argillaceous clasts. SSt is probably tuffaceous. Arg is black, vfg, bedding is 45°/CA
			19.8-20.4 Fault, 45°/CA ||bedding
37-	55.8	Latite dike	Latite
			creamy, grey/green colour, vfg, chilled margin, white feldspar porphyry away from contacts, uc is 60°/CA, lc is 5°/CA
			48.8-50.0 xenolith (?) Arg/SS, uc is brecciated intrusive contact. Lc is sheared, faulted 60°/CA
			(the lower Latite is possibly a repeated section)
55.8	65	Black Argillite	BA, Sst
			occasional white silica filled fractures increase frequency downwards, 30°-70° to CA, occasional tension gash, and unrotated incipient BX
65	78.8	Black Argillite	Mixed Black Argillite and Grey Silstone - (BA/Sst)
			increasing Sst to 77.8 . Bedding is 33°/CA
			77.3-78.8 shattered and broken, 50 and 70/CA, with qtz and Py
			lc is faulted 55/CA and 'corroded' to a vuggy texture.
78.8	84.3	Sandstone(?)	Sandstone (?) - Quartzite SS (?)
		Quartzite(?)	Pale creamy Grey grains are indistinct, occ ghost phenocryst (?). Alteration is weak clay or sausserite.
			77.8-79.3, crackled and pyrite filled. Contact at 78,8 is faulted 45/CA and filled for 2.5cm with py. Lower contact at 84.3 is intrusive, 30/CA
84.3	89		Latite
			Similar colour and grain size to "quartzite-SS" but with occasional ghost feldspar phenocrysts. May have a slight translucent appearance, colour shades to brown-grey.
89	98	Sandstone	Sandstone - Quartzite
			Fractures are commonly filled with sulphides
98	100.4	Massive Sulphide	Masssive sulphide
			Mostly Pyrrhotite. Banded textures or flow banding 25° / ca.
			98-98.4 , sulphide is occasionally fragmented with 2nd gen Po rims and healed MS . Occasional 2nd Gen Cpy as rims and matrix filling.

100.4	102.5	Sandstone	Sandstone,- Quartzite
			crackled with sulphide fillings
102.5	103	Massive Sulphide	Massive Sulphide
			Pyrrhotite , 45°/ca
103	104.3	Sandstone	Sandstone - Quartzite
			Crackled
104.3	105.3	Sandstone	Sandstone
			Strongly crackled
105.3	110.2	Massive Sulphide	Massive Sulphide
			Occasional small SSt xenolith or inclusion
110.2	116.7	Sandstone	Sandstone- quartzite
			Strongly crackled and well mineralized.
116.7	119.1	Sandstone	Sandstone-quartzite
			Less crackled and mineralized
119.1	121.4	Sandstone ,MS	Mixed Sandstone & Massive Sulphide
			MS is locally vermicular along fractures, to massive. Locally it has patches corroded out with rims remaining.
121.4	126.2	Massive Sulphide	Mixed Massive Sulphide and Black Shale.
126.2	130.1	Sandstone	Mixed Sandstone and Black Shale with Sulphides as rims to lithic frags and as clots. Looks like fragmental sulphides mixed with lithic fragments and late stage remobilization of some sulphide.
130.1	161.6	Black Argillite	Black Shale
			Bedded, 45° /CA, with laminar beds of grey Sandstone, below 140m, core is vfg Black Shale to EOH @ 161.6
			EOH 161.6m

FW 10-1

SHAMROCK ENTERPRISES INC.

m FROM	m TO	MINERALIZATION DESCRIPTION m
0	16.3	
16.3	37	occasional fracture filled sulphide to 1cm, weak Bx in arg@25.3-25.6. Silicate filling with py,sph,&trace cpy. Similar fracture filling to 37.0
37-	55.8	occasional black sphalerite bleb, py is weakly disseminated & on occasional fractures.
55.8	65	occasional fracture to 1 cm wide, w/sphalerite, pyrite: 58.8m 70°/CA; 64.9m 70°/CA; 61.7m 30°/CA
65	78.8	77.3 - 78.8 qtz &py to 2 cm width in shattered and broken Sst
78.8	84.3	78.8 - 79.3 is 'crackled' and filled with py and minor sph. 2.5 cm at 78.7 is pyrite along contact. 45/CA occasional crackle and fracture filled with po and minor cpy.
84.3	89	
89	98	
98	100.4	Comments to EOH: all sulphide sections are crudely bedded at 25° to 30° to CA and show a wide range of grain sizes from vfg sulphide mudstones to coarse recrystallized pods. Po,Py,Sph,±Gn are variably present, sometimes layered in fine laminar beds. Sulphide beds often include small lithic clasts, mostly argillite. The sulphide zones appear to be true beds and exhibit slump and fragmental textures. secondary sulphide (remobilization) is most evident as textural rims on lithic clasts and sulphide clasts. Cpy commonly fills cracks developed in the Po "mudstones".

100.4	102.5	Occasional bed of vfg silver grey sulphide with fg argillite frags is reminiscent of Eskay Ck bedded arsenopyrite with black argillite. Rims of Po. on small black argillaceous frags are reminiscent of some Giant Mascot MS textures, Where Po./Pentlandite rimmed black Hb or Px.
102.5	103	
103	104.3	
104.3	105.3	
105.3	110.2	
110.2	116.7	
116.7	119.1	
119.1	121.4	
121.4	126.2	
126.2	130.1	
130.1	161.6	
		EOH 161.6 m

FW 10-2

SHAMROCK ENTERPRISES INC.

from	to	LITHOLOGY	Geological Description
0	16.3	overburden	clay, gravels,Tills
16.3	81.4	Black Argillite	(BA) interbedded with Grey Lithic sandstone (Ss). Laminar bedding is 45°/CA
			(good bedding in o/c 3km distant, is 140/33 NE)
			19.6, 2cm bedding plane fault, N-S movement (?)
			27.3-27.4 , Bed (?) of Py, Cpy 40°/CA
			28.7- 28.75, Po, Sph,& tr Gn,
			39.63, 2.5cm , 20° /CA vein-shear, with Po,Sph.
			39.85, 4.0 cm 45° /CA vein-shear, with Po, Sph.
			54.1-54.65 Latite dike. Upper ct intrusive, 20° /CA (perp to bedding), Lower ct sheared 20°/CA
81.4	91	Grey Sandstone	(SS) Small carb veinlets are common 70-80° /CA, occasional long fractures,20-30° /CA have sulphide to 1 cm wide.
			89.5 , fault, 35° /CA, Po,Sph in footwall fractures.
91	103.9	Latite	(LAT) Grey, Tan or Pale Brown colour. Vfg Ghost white feldspar phenocrysts, small fractures filled with a fg dirty pale yellow/green silicate/carb mineral (not epidote) occasionally with short stubby carbonate like crystals.
			Fracts 30° /CA are common with attitudes to 0° /CA. Open spaces along fracts are common. Lower ct of latite is intrusive, minor shearing 45° /Ca
103.9	105.9	Massive Sulphide	(MS) Bedding is 35° /CA . Fracts 40° cross the bedding almost at right angles.Cpy is common in fractures within the massive Po. There is much vfg grey black sulphide lamination, (Sph?) sulphides are interbedded with black siltstone in lower 40 cm. Cpy in fracts. ,
			minor galena with sphalerite in the section.
105.9	125 .6	Siltstone	(Sst) Interbedded dark green and grey varieties. Local crackle bx , filled with Po.
125.6	129.5	Sandstone	(SS Sst) similar to above, Crackled (bx) filled with Silica and sulphides. TS=15%
			Po,Cpy,Sph present.
			128.05-128.15 , short massive section.
129.5	142.3	Black argillite	(BA) with fine black siltstone
			crackled incipient bx, filled with silica & sulphides. Mostly Po & Cpy. TS = 5-7%
			sulphide drops off at 132m , crackle continues to 142.3
142.3	153	Black vfg siltstone	(BSst) crackled,incipient bx, Po and Py filled. Minor cpy.
			Rock may be weakly hornfelsed or silicified.
153	170.7	Black Argillite	(BA) minor to trace Py
			EOH 170.7
100.4	102.5	Sandstone	Sandstone,- Quartzite
			crackled with sulphide fillings
102.5	103	Massive Sulphide	Massive Sulphide
			Pyrrhotite , 45°/ca
103	104.3	Sandstone	Sandstone - Quartzite
			Crackled
104.3	105.3	Sandstone	Sandstone

			Strongly crackled
105.3	110.2	Massive Sulphide	Massive Sulphide Occasional small SSt xenolith or inclusion
110.2	116.7	Sandstone	Sandstone- quartzite Strongly crackled and well mineralized.
116.7	119.1	Sandstone	Sandstone-quartzite Less crackled and mineralized
119.1	121.4	Sandstone ,MS	Mixed Sandstone & Massive Sulphide MS is locally vermicular along fractures, to massive. Locally it has patches corroded out with rims remaining.
121.4	126.2	Massive Sulphide	Mixed Massive Sulphide and Black Shale. Mixed Sandstone and Black Shale with Sulphides as rims to lithic frags and as clots. Looks like fragmental sulphides mixed with lithic fragments and late stage remobilization of some sulphide.
126.2	130.1	Sandstone	
130.1	161.6	Black Argillite	Black Shale Bedded, 45° /CA, with laminar beds of grey Sandstone, below 140m, core is vfg Black Shale to EOH @ 161.6 EOH 161.6m

FW 10-2

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	16.3	
16.3	81.4	
81.4	91	
91	103.9	
103.9	105.9	
105.9	125 .6	
125.6	129.5	
129.5	142.3	
142.3	153	
153	170.7	
100.4	102.5	Occasional bed of vfg silver grey sulphide with fg argillite frags is reminiscent of Eskay Ck bedded arsenopyrite with black argillite. Rims of Po. on small black argillaceous frags are reminiscent of some Giant Mascot MS textures, Where Po./Pentlandite rimmed black Hb or Px.
102.5	103	
103	104.3	
104.3	105.3	

105.3	110.2	
110.2	116.7	
116.7	119.1	
119.1	121.4	
121.4	126.2	
126.2	130.1	
130.1	161.6	
		EOH 161.6 m

FW 10-3

SHAMROCK ENTERPRISES INC.

from	to	Lithology	Geological Description
0	13.7	Casing	
13.7	36.45	Sandstone	(SS)-Greywacke, Silicified, wth obvious bits of lithic Black Argillite 14.8-15.35 Black Argillite
36.45	37.62	Sandstone	sandstone, med. Grained
37.62	39.63	Sandstone	Sandstone with Black Argillite
39.63	40.91	Black Argillite	Black Argillite
40.91	51.65	Sandstone	Interbedded Sandstone with Black Argillite
51.65	56.25	Black Siltstone	Dark Green/Black Siltstone- Sst

56.25	57.5	SS/Quartzite	Hornfels, SS/Quartzite (or Latite ?)
57.5	66.11	Latite	Fine grained, grey, ghost feldpar phenocrysts
66.11	69.15	Siltstone	Sandy siltstone (Sst) Breccia (Bx) with MS Sph, +Py , Sandy siltstone, unrotated Bx.
69.15	72.21	Massive Sulphides	Massive Sulphides with interbedded Ss.
72.21	76.15	Latite	Latite
76.15	76.8	Shearzone- Bx	Shearzone- Bx , 40°/CA , healed with Sulphides
76.8	81.35	Black Argillite	Crackled, silica filled, fracts 30° -60° /CA
81.35	91.3	Black Arg	Becomes Black Arg. With interbedded Sst
91.3	95.75	Black argillite	Black silty arg & fg Sst interbedded with Blk Arg. occasional Coarse-med gr. SS. Rip up clasts of Blk Arg. In the SS are common. Bedding is 55°-60° to CA
95.75	111.6	Black Argillite	Black Argillite with vfg silty component. Occasional beds of f.g. Sst- increased Sst with depth.
111.6	116.5	Sst & Black Argillite	Interbedded Sst & Black Argillite
116.5	123.1	Black Argillite	Black Argillite 117.45-118.9 Crackled and Broken
123.1	131	Sandy Siltstone	Sandy Siltstone med. Grained, with occ clasts & Interbeds of Black Argillite. Bedding is 30°/CA and is locally convoluted
131	135.45	Black silty Argillite	Black silty Argillite (Bast)
135.45	136.45	Grey Sst	Interbedded Bast with grey Sst
136.45	139.05	Black Silty Argillite	Black Silty Argillite (BAst)
139.05	141.3		Interbedded BAst with med/fine gr Sst Shales are convolutely interbedded with qtz. (*These may be decollement features)*
141.3	152.44	Black Argillite	Black Argillite (shale) gradually becoming BAst to end of section. Local tension cracks, 80°/CA. 145 , fault 25° /CA 146.34 -146.75, fault (decollement) EOH 152.44

FW 10-3

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	13.7	
13.7	36.45	
		15.35, increased sulphides, forms rims on sand clasts and fills interstices
		TS can reach 15%, mostly Po, occ Gn,. Py/Po filled fracts,locally is Massive.
		26 to 32 , increased Cpy as secondary mineralization forming rims and fracture fillings
36.45	37.62	**fracture sulphides**
37.62	39.63	**Disseminated interstitial sulphides.**
39.63	40.91	
40.91	51.65	
51.65	56.25	**Fracts are Py, Po filled, Sph is common, minor Gn with Py.**

56.25	57.5	
57.5	66.11	**occ. Small blebs of Gn with Py**
		under >20x , small blebs &feld replacements by Py, Cpy,Sph & Gn.are locally common. TS is <1%
66.11	69.15	**unrotated Bx matrix is filled with Sph "mud". TS=40%**
69.15	72.21	
		Massive Po, with Cpy, Sph and trace Gn. TS 85%
72.21	76.15	
76.15	76.8	**fine diss Sph, Py. TS 1%. Fine fract sulphides 40°/CA**
76.8	81.35	**TS 25-30 %**
81.35	91.3	**local bebs and clots of disseminated sulphides. TS < 1% 83.30- fracts to 5mm, occ filled with Py and Sph. Matrix sulphide is <1% TS**
91.3	95.75	**occ bleb of Galena, +/- Sph, +/- Py.**
95.75	111.6	**96.5-8cm True thickness, 45°/CA of massive sulphide. Po, Py, Gn, Sph appear to be late stage. Sulphides fill cracks and fracts in the BA**
		occ bleb of Sulphide
111.6	116.5	**occ very fine grained Py. (vfg)**
116.5	123.1	**117.45-118.9; vfg Py,Gn(?) 118.9-123.10; vfg disseminated Py(?)**
123.1	131	**Trace Py**
131	135.45	**Trace Py**
135.45	136.45	**increased Py, & other vfg Sulphides. TS 2%**
136.45	139.05	**Trace Py**
139.05	141.3	
141.3	152.44	**Py films on fracts, trace diss Py.**
		EOH 152.44

FW 10-4

SHAMROCK ENTERPRISES INC.

from	to	Lithology	Geological Description
0	8	Casing	Overburden, Casing
8	10.6	Sandstone	Sandstone (SS), Grey, med. Grained Fracts are 30° -70° /CA. Limonite with Siderite (?) and silica filled.
10.6	14	Laminar Siltstone	gradational to Green Black fine gr. Interbedded laminar Sst/BA
14	42.9	Siltstpone	Green Black siltstone (Sst) and interlaminar Black Argillite (BA) 19.55- 19.8 fault
42.9	47.35	Sandstone	Sandstone (SS) fine to med grained, with thin repetetive black Sst laminations. bedding is gently folded to conoluted . 47.35 fault 30 /CA below is increased BSst to BA and occasional sharp line of contact with argillite and Sst components.
47.35	48.6	Black Argillite	Black Argillite (BA) to Black Siltstone (BSst)_, silty shales
48.6	51.95	Sandstone	Sandstone (SS), grey green, fine to med grained, Thin repetitive BSst laminations bedding is gently irregular with thin (to 0.5mm) black laminations.
51.95	54.4	Black Argillite	Black Argillites (shales)
54.4	55.8	Sandstone	Sandstone (SS) fine grained, interbedded with BSst, chaotic bedding (*This may be a slump sole or detachment)*
55.8	67.2	Black Argillite	Black Argillite (BA) with occasional fine gr SS bed. Bedding is chaotic, to sub parallel to CA
67.2	70.12	Sandstone	Sandstone (SS) fine to med grained
70.12	71.8	Sandstone	Sandstone (SS) fine to medium grained SS.
71.8	72.8	Black Argillite	Black Argillite (BA)
72.8	77.6	Sandstone	Sandstone, fine grained, grey.
77.6	78.1	Siltstone	Siltstone (Sst) to Sandstone (SS), fine grained, dark grey.
78.1	78.5	Siltstone	Sandstone, med grained, with "flammé" BA
78.5	80.33	Siltstone	Siltstone (Sst)_dark grey, fractured &broken, with siderite fract filling.
80.33	81.75	Sandstone	Sandstone, med grained, fractured, almost breccia, Siderite filled + black shaley material with quartz and siderite..
81.75	88.3	Black Argillite	Black Argillite and siltstone with chaotic SS. Irregular bedding, generally 25°-30° /CA. Occasional "mini Breccia", .Less chaotic below aqbout 84m, becomes coarser, to Sst and SS
88.3	89.6	Black Argillite	Black Argillite (BA) commonly cut by qtz stringers containing Pyrite, to 2 cm wide.
89.6	93.6	Breccia	Breccia (Bx) 25° /CA with chaotic black shales and sandstones.Siderite and py
	94.9	Sandstone	Sandstone (SS), grey , fine grained. fracts and open spaces filled with qtz+py+trace sph.
94.9	96.65	Black Argillite	Black Argillite (BA)
96.65	99.7	Sandstone	Sandstone (SS), fine to medium gr., grey, siderite filled fractures.
99.7	100.1	Fault Gouge	Fault Gouge, 15° /CA , clay, BA, clots of sideritic material, & Pyrite .
100.1	103.66	Fault Breccia	Fault Breccia , Broken brecciated, chaotic mixture of BA, Sst,minor SS, with matrix qtz, siderite, &late stage pyrite.
103.66	107.6	Black Argillite	Black Argillite_(BA) with minor SS, bedding is 40° /CA

107.6	109.8	Sandstone	Sandstone (SS) , med - fine grained, with qtz stringers to 7mm, no min'l, 45° /CA
			occasional small 0.2m incl of Chaotic BA (Small bedding shear/ detachment ?)
109.8	145.7	Black sandy Argillite	Black sandy Argillite (BA/BS), occasional, more frequent Sandy interbeds
			Occasional thin Black laminations near transitions.
145.7	149.2	Sandstone	Sandstone, (SS) fine grained, occasional black lamination, Lc ~15 /CA , Sharp definition.
			Uc ~50 /CA, fairly sharp definition along fracture.
149.2	150	Black Argillite	(BA) Lower contact of shale is sheared 50 /CA
150	151	Sandstone	Sandstone (SS)
151	159.8	Black Argillite	(BA) Initial 1.5m is fractured and broken, Then in BA/BSst with occasional grey sandy interbeds.
159.8	163.9	Sandstone	(SS), grey, with white qtz filled stringers to 2mm wide, 30-60 /CA. rarely to 1.2cm, with blebs of Py.
163.9	165.7	Black Argillite	
165.7	167.7	Sandstone	(SS) Qtz fracts and Py
167.7	171.7	Black Argillite	Black Argillite, interbedded with Sandstone, broken, cut by Qtz veinlets.
171.7	173	Sandstone	(SS)
173	175	Black Argillite	(BA)
175	177.3	Sandstone	(SS)
177.3	192.5	Black Argillite	(BA)
192.5	195.1	Sandstone	(SS)
195.1	204.4	Black Argillite	(BA), with occasional SS interbeds, lower sandy beds begin convolutions.
204.4	207.4	Sandstone	(SS) Sheared SS with BA , shearing is initially 70 /CA, BA becomes almost myloniticwith
			pieces of harder Ssand shearing sub parallel to CA
207.4	213.41	Black Argillite	BA is very fine grained, with calcite veinlets and tensional void fillings 50 -55 /CA

EOH 213.41 (700 feet)

FW 10-4

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	8	
8	10.6	fracts filled with weak Py
10.6	14	weakly pyritic
14	42.9	
42.9	47.35	Fault 45.35-48.6, fracts and local Bx filled with Po,Py,Cpy. 47.6-47.7, TS is 25% in Bx, sandy laminations are occ. replaced by Py.
47.35	48.6	
48.6	51.95	occ. Py replaces SS laminations.
51.95	54.4	Tr Py
54.4	55.8	Tr Py, occ stringer with Py.
55.8	67.2	Tr Py.
67.2	70.12	Tr Py
70.12	71.8	Fracture Py, about 3% TS
71.8	72.8	Tr Py
72.8	77.6	weak Py, on Fracts
77.6	78.1	Tr Py
78.1	78.5	
78.5	80.33	weak fract Py and diss. Py
80.33	81.75	Fract Py filling and sideritic Bx Filling
81.75	88.3	Fract Py.
88.3	89.6	Py Common in Stringers
89.6	93.6	bx hs matrix Siderite, qtz, Py. Mineral appears confined to fractures and broken rock
	94.9	Fractures filled with Qtz +py+minor Sph.(?)
94.9	96.65	Trace to 0 Py
96.65	99.7	occ py filled fract to 1 cm wide. 70°/CA
99.7	100.1	Py as clots,in fault gouge 15°/CA
100.1	103.66	Chaotic Bx with matrix late stage Py (slide or slump?)
103.66	107.6	minor to tr Py, with qtz filled fract

107.6	109.8	Barren Qtz filled stringers.
109.8	145.7	Barren
145.7	149.2	Barren
149.2	150	Barren
150	151	
151	159.8	Barren
159.8	163.9	Rare bleb of Py in QV 1.2mm wide at 162.9
163.9	165.7	Barren
165.7	167.7	Pyritic Qv
167.7	171.7	veinlets carry Py,minor Py is also Dissem.
171.7	173	
173	175	QV at 173.6 has 8cm of near massive Py with qtz.
175	177.3	(Feeder Dike ?)
177.3	192.5	
192.5	195.1	
195.1	204.4	Barren to EOH
204.4	207.4	
207.4	213.41	

EOH 213.41

DDH FW 10-5

SHAMROCK ENTERPRISES INC.

from	to	Lithology	Geological Description
0	18.3	Casing	
18.3	21	Sandstone	(SS), grey, fine grained,bedding 55° /CA, ocasional thin lamination, SS is weakly silicified.
21	49.3	Black siltstone	(BSst), with ocasional SS interbeds. BSst is Soft, unaltered.
49.3	53.65	Sandstone	(SS), fractured and broken, sheared, Increased shale toward end .bedding 55° /CA incipient brecciation infill is amorphous creamy carbonate/tufalike. Local bedding is chaotic.
53.65	57.13	Sandstone	(SS) with BSst interbeds, shearing along shale /SS beds is 60° /CA. SS contains SS cintaina shale ripup clasts.
57.13	64.3	Black Argillite	(BA) Very fine grained, soft, occasional BSst beds 60° /CA.
64.3	66.61	Sandstone	(SS) Grey, medium grained, commonly interbedded with laminar to narrow beds of BA.
66.61	70.9	Black Argillite	(BA) and BSst, with narrow interbeds of grey SS. Soft, competent core.
70.9	72.75	Black Argillite	(BA) with chaotic bedding and silica fracture filling. Shears commonly 45° /CA. Local po (?) fracture filling. Po(?) is also laminar within the chaotic bedding - fault gouge.
72.75	83.06	Black Argillite	(BA) Black/grey, soft, competent, occasional siltstone interbed. Bedding 30° /CA. Generally more BSst lower iin section.
83.06	92	Siltstone	(BSst) transitional contact, still in black sediments.
92	93.55	Siltstone	(BSst) Interbedded with grey, fine grained SS, transitional contact.
93.55	95	Sandstone	(SS) /BSst
95	99.25	Sandstone	(SS) Grey, brecciated, silicified, crackle breccia with quartz filling and occasional siderite (?). Bx 95-97.3 SS 97.3-99.25
99.25	102	Siltstone	(BSst) Fractured and broken to 101 then broken SS to 102, silicified.
102	104	Siltstone	(BSst) Silicified, weakly brecciated.
104	104.4	Sandstone	(SS) Grey, brecciated.
104.4	115.8	Black Argillite	(BA)/BSst. Becomes transitionally more BSst with depth. 115.7 Quartz nodule.
115.8	122.4	Black Argillite	(BA) & BSst locally fract and filled with white silica and minor carb. Generally, BA becomes finer grained with depth.
122.4	123.5	Black Siltstone	(BSst) Convoluted &chaotic bedding with interbedded grey SS.
123.5	125	Siltstone	st
123.5	125	Siltstone	Sst Grey, convoluted and chaotic bedding with interbeds of Black Argillite (BA)& Black Siltstone (BSst)
125	126.5	Black siltstone	BSst & BA, irregular bedding 25° -30° /CA. numerous small (<1mm) white silica stringers
126.5	128.4	Fault zone	FZ Rock is chaotic, fragmental, crudely bedded or layered 10° -50° /CA mostly dark grey or black matrix with lighter, coloured, hard frags. (*This is probably an older or early fault zone)*
128.4	137.2	Black Siltstone	BSst, Black to dark grey BSst with 1-2 cm fine Ss interbeds.
137.2	140.6	Sandstone	Sandstone, fine to med grained, with black shaley intervals 30° /CA. Mineral fract/

			veinlets cut bedding at near 90°, (*if bedding is about 140°/SE, This makes the mineral veins NNW/NE)* , possible left hand movement on veins core is weakly Bx.
140.6	148	Sandstone	(SS) grey, locally weakly Bx , Bedding 40° /CA. with occasional BA
148	149	Sandstone	(SS) grey, fractured and broken, incipient Bx Fracture silica in lower portion of section is highly disrupted and Chaotic.
149	151	Black Argillite	BA and BSst, lower contact is sharp with fine black Argillite beneath SS
151	152.1	Sandstone	SS grey, chaotically mixed together with BA and BSst
152.1	159.8	Siltstone	BSst 152.1-156 crackled with white silica, 157 small fault 40 /CA 158 small fault 40 /CA 15 cm wide
159.8	160.8	Latite	Latite is fine grained, grey, weakly crackledand silica filled.
160.8	161.3	Contact zone	Latite and BSst Highly irregular, alternating units.
161.3	167.7	Latite	Latite, grey, with distinctive small, 0.5-2mm felspar phenocrysts
167.7	178.04	Black Argillite	BA, clean competent, very fine grained,occasionally fractured. 177.0 minor shear 35 /CA 167.7 to 169.22 core missing EOH 178.04 m

DDH FW 10-5

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	18.3	
18.3	21	Barren
21	49.3	Barren
49.3	53.65	Barren
53.65	57.13	Barren
57.13	64.3	Barren
64.3	66.61	Barren
66.61	70.9	Barren
70.9	72.75	minor sulphides
72.75	83.06	Barren
83.06	92	Tr. -weak Py, Po.
92	93.55	Tr. Py,Po
93.55	95	
95	99.25	Qtz filling with minor Cpy, occ. Gn, & Tr. Sph.
99.25	102	little sulphide.
102	104	little sulphide.
104	104.4	
104.4	115.8	tr sulphide
115.8	122.4	
122.4	123.5	
123.5	125	
123.5	125	
125	126.5	no sulphide recognized.
126.5	128.4	occ. Fragment of Py, elongated along the fabric, 1-2 cm thick,4cm long
128.4	137.2	occ. Qtz stringer 1-5 mm thick with Py & Sph. Occ Py open space filling
137.2	140.6	Fract & local Bx matrix fillings are Py & Sph. Sph is dark brown (hi Mn ?)

		py and qtz rims +/- sph veins To 1.5 cm., cut bedding at 90°to bedding
140.6	148	occ Sph +/- Py filled fractor veinlet to 5mm where Sph forms rims on Silica.
148	149	
149	151	tr. Py
151	152.1	
152.1	159.8	
159.8	160.8	
160.8	161.3	locally abundant Py
161.3	167.7	occ vfg Py, Cpy, Gn, disseminations, TS < 1%
167.7	178.04	no vis sulphides

EOH 178.04 m

DDH FW 10-6

SHAMROCK ENTERPRISES INC.

from	to	Lithology	Geological Description
0	27.8	Overburden	Clay gravel tills.
27.8	31.4	Black Siltstone	(BSst)/BA. Black to very dark grey,with fine grained grey and yellow sulphides
31.4	50.85	Sandstone	(SS) Grey,silica/weak sericite altered with black wispy argillite interbeds. Bedding is 25 to 35 /CA. Occassional crackle.
50.85	63	Black150.1Siltstone	(BSst), locally massive to crackle Bx. Matrix is silica snd carbonate, fractures 45 /CA are filled with white carbonate. Rock is black siltstone, commonly interbedded with fine grained, dark green SS-Sst. 61.8 Fault 10 cm wide, 50 /CA 63.0 Fault 15cm wide 80 /CA.
63	150.1	Black Argilite	(BA)/BSst, finer grained from above. Uniform black silty sediment becoming more sandy with occassional sandstone interbeds toward bottom of section. Occassional white carbonate/silicate filled fracture at 87.0 1cm wide 94.0-96.0 Crackle 102.4-102.7 Local Bx 134.5 - 136.0 Sheared and convoluted 30 /CA 139.0 Weak local Bx/ silica filled. 145-146.3 Local SS with black shiny carbon film fractures, bedding is 25 /CA 140 Chaotic bedding with SS interbeds 30 /CA.
150.1	152.8	Sandstone	(SS) ,grey, crackled to Bx, carbon.graphite films on slip planes 30-35 /CA
152.8	163.2	Siltstone	(BSst)/BA Minor tensional openings and silica tension; cracks are more common in more sandy material than in argillite.
163.2	164	Sandstone	(SS)
164	168.4	Black Argilite	(BA)/BSst, shows tensio;nal openings while BA deforms easier
168.4	172.8	Sandstone	(SS) and argillite and BA, chaotic Bx. Frags of crackle SS and BSst in highly deformed and chaotic BA (photo). Shear at 30 /CA repeats. Hard lump may be 'milled' resulting in rounded silicate frags. (*Is this a slide "sole"=local thrust plane?)*
172.8	201	Black Argilite	(BA) BSst Almost massive, poorly bedded. Shear planes have highly polished graphite coatings. EOH = 201.0 m

DDH FW 10-6

SHAMROCK ENTERPRISES INC.

Mineralization Description

from	to	
0	27.8	
27.8	31.4	vfg clots of Py, cpy, +/- vf Sph.
31.4	50.85	vfg grey and yellow sulphides present
50.85	63	
63	150.1	minor sulphides vfg. Occ clot of Gn. &Py.
150.1	152.8	
152.8	163.2	
163.2	164	
164	168.4	
168.4	172.8	minor Sulphides a vfg black mineral was suspect sulphide, but yeiled no assay values. hole was split and assayed to end.
172.8	201	
		EOH= 201.0 m

DDH FW 10-7

SHAMROCK ENTERPRISES INC.

from	to	lithology	Geological Description
0	19.4	Overburden	
19.4	56.3	Sandstone	(SS), grey, mediem to fine grain, interbedded with fine black laminations sub parrellel to 15 /CA. Rock transitions to BSst and back several times. 54.8-56.3 Cave and squeeze. Hole lost in severe conditions. EOH = 56.3

DDH FW 10-7

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	19.4	
19.4	56.3	suspect vfg black mineral appears to be unimportant

EOH = 56.3

DDH FW 10-8

SHAMROCK ENTERPRISES INC.

from	to	lithology	Geological Description
0	22.25	Casing	
22.25	28.6	Siltstone	BSst with lesser interbeds of fine grained SS, common polished graphite slip surfaces bedding, 30 /CA. Occasional silica filled tension openings along bedding planes.
28.6	33.54	Sandstone	SS, medium-fine grained, grey
33.54	55.5	Black siltstone	BSst, interbedded with fine gr. Grey SS. Bedding 30 /CA, occasional white veinlet to 1.5 cm 51.85 small fault, bedding in HW is parallel CA, in FW is 30 /CA 57.5 small shear zone Section becomes finer gr., BSst & BA towards bottom.
55.5	66.97	Black Siltstone	BSst, fine gr, interbedded with grey to black SS &BSst 66.9 - 66.97 local BX Silca supported.
66.97	77 64	Sandstone	SS, interbedded with BSst. Occasional qtz stringer, 1 - 2 mm, with py , graphite slips are common.
77.64	142.69	Black argillite	BA to BSst, fairly uniform, consistent. 96 weak shear, 45 /CA 99 weak shear, 60 /CA 109-135 core is uniform, competent, BSst to BA 135-136.69 becomes slightly more sandy with little or no BA
142.69	198.2	Fault	(FZ), Flault zone, gouge,chaotic chunks and frags of SS, occassional latite and BSst in graphitic, black, soft gouge. Shear foliation and slips are 15 -40 /CA. 157.34-159.73 latite knocker, broken and fragmented. 160.5-162.3 BSst relatively undisturbed, intensely shattered and deformed rocks on either side. Gouge and broken rocks continue to EOH @ 198.2 with more black seds than upper section. With minor fractures and Qtz/Carb filling. EOH 198.2

DDH FW 10-8

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	22.25	
22.25	28.6	occ silica stringer in tensional opening with Py
28.6	33.54	
33.54	55.5	
55.5	66.97	
66.97	77 64	
77.64	142.69	
142.69	198.2	

trace to minor sulphides

EOH 198.2

DDH FW 10-9

SHAMROCK ENTERPRISES INC.

from	to	Lithology	Geological Description
0	27.3	casing	
27.3	60.11	Black Siltstone	BSst Moderately broken, locally crackled and filled with white silica/ carbonate. Fracs are parallel CA to 90 /CA. Minor occurance of fine SS interbeds. Bedding is 60 - 80 /CA 59.4-60.11 SS supported BSst Bx.
60.11	66.24	Fault	FZ Chaotic fault gouge similar to hole 10-8 but much shorter intersection. (*suggests fault dips away from drill. If fault is NE to SW then intersection is* further accentuated.)
66.24	91.24	Black Siltstone	BSst with BA and minor SS, (tuffs) occasional crackle or tensoinal fracture/veinlet. Core is competent and whole.
91.24	92.2	Fault	FZ Fine black to grey mud over 0.1m them broken and fractured seds.
92.2	93.87	Sandstone	SS MINERAL ZONE, fine to medium grained SS with 25% sugary Py, plus trace sphalerite and galena. Possible pale green albite.
93.87	122	Black Argillite	BA, massive BA plus BSst. Very fine grained brown secondary biotite is present. Becomes more BSst below 114.0.
122	132.75	Black Siltstone	BSst interbedded with fine grained SS, fairly competent.
132.75	164.3	Fault	FZ chaotic , broken, sheared, interbedded, sandy silt and argillacious seds. (SS, BSst and BA) beddding is 35 - 50 / CA. Shearing is foliated about the same. Graphitic slip/shears are evident.
164.4	170.7	Sandstone	SS with BSst beds, 45 /CA, SS is slightly chloritic.
170.7	198.17	Black Siltstone	BSst and BA 173.9 3mm Qtz vn 45 /CA and perpendicular to bedding is offset 3mm by small Qtz vn parallel Qtz vn and perpendicular to first Qtz vn. 182.5-182.9 Fault FZ chaotic fault gouge with small white knockers, shear is 35 /CA 183.2-183.5 similar 184.3-184.4 Quartz and argillite filled fault 45 /CA Abundent polished graphite shears in Arg sections. 189-198.17 BA broken with weak, <1.0mm, Quartz stringers. EOH 198.17

DDH FW 10-9

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	27.3	
27.3	60.11	tr. Sulphides
60.11	66.24	tr. Sulphides
66.24	91.24	
91.24	92.2	
92.2	93.87	Near Massive sugary Pyrite with Sph & tr. Gn.
93.87	122	tr local Py
122	132.75	
132.75	164.3	
164.4	170.7	
170.7	198.17	0-tr. Sulphides

EOH 198.17

DDH FW 10-10

SHAMROCK ENTERPRISES INC.

from	to	lithology	Geological Description
0	29.1	Casing	
29.1	64	Black Siltstone	BSst, BA, minor fg SS, interbedded, occasional Qtz filled fractures to 3mm wide.
			33.3 Fault 45 /CA, 2cm wide
			29.1-36.6 Broken
			36.3-64.0 fairly competent
64	76	Black Siltstone	BSst, SS interbedded. SS is sericitic with clay on margins of silica filled fractures.
			Bedding is 45 /CA. Ocdasional Qtz +/- Py stringers to 1cm wide, cut core at
			30-45 /CA and perpendicular to beds.
			71.0 SS becomes sheared 30 /CA.
			75-76 Strongly sheared and broken fault zone.
76	82	Black Siltstone	BSst and fine grained SS. Minor core grinding.
82	85.66	Sandstone	SS medium grained, occasional BSst interbed. Occasional Qtz vn 45/CA.
			84.66-84.80 Fault, chaotic gouge/Bx.
85.66	86.5	Fault	FZ, chaotic gaouge/ Bx with broken Qtx frags and Qtz/carb veinlets.
86.5	93.3	Black Argillite	BA, competnet core, occasional graphitic shear.
93.3	106	Black Siltstone	BSst and lesser SS interbeds, with minor BA. Qtz filled fracs are common, bedding
			50 /CA.
106	109.4	Black Argillite	BA, and BSst, competent fine grained to very fine grained rock. Minor core grinding,
			no fractures, occasional graphitic slip.
109.4	121.4	Black Siltstone	BSst and fine grained,interbedded. Occasional 1mm stringer 45 /CA.
121.4	123.3	Sandstone	SS and BSst with Qtz/Py veinlets to 3cm, 30 /CA, bedding 45 /CA.
123.3	124.5	Black Siltstone	BSst and BA bedding 30 /CA occasional Qtz filled open space.
124.5	126	Sandstone	SS Qtz filled Bx.
			125.0 Fault 4cm
126	129.4	Black Siltstone	BSst and SS, common Qtz crackle and occasional Py stringer 30 /CA.
129.4	135.5	Black Siltstone	BSst fractures filled with Qtz and Py, small Py lenses.
135.5	139.6	Fault	FZ chaotic consolidated gouge consisting of BA and hard lumps of Qtz in foliations
			(shears) 30 /CA.
139.6	157.7	Black Siltstone	BSst, minor SS interbedded, some core grinding. Core is competent and fairly soft.
157.7	161.3	Black Siltstone	BSst minor SS interbedded and weak crackle filled with Qtz. Veinlets are 30 and
			45 /CA
			On-echelon veinlets around 15 /CA.
			161.3 small fault with occasional Py as matrix, 5cm wide.
161.3	165	Sandstone	SS, Qtz Bx, pale grey, silicified and sericitized frags. Margins are a little indistinct
			indicating long term heat or mulltiple fusion episodes.
165	168.7	Black Siltstone	BSst with minor fine grained SS.
168.7	174.1	Sandstone	SS with BSst laminations or "rip ups" 45 /CA.
174.1	195.1	Black Siltstone	Bsstand minot SS, interbedded.
			EOH 195.1

DDH FW 10-10

SHAMROCK ENTERPRISES INC.

from	to	Mineralization Description
0	29.1	
29.1	64	
64	76	
76	82	
82	85.66	occ qtz vein , 2-15 mm, 45°/CA with minor Py
85.66	86.5	
86.5	93.3	no Vis Sulphides
93.3	106	tr sulphides with fracts
106	109.4	
109.4	121.4	occ stringer with Py& Sph
121.4	123.3	
123.3	124.5	
124.5	126	Qtz + Py Cemented Bx, Py/Sph veinlets to 7mm are present.
126	129.4	
129.4	135.5	
135.5	139.6	gouge has low dissem Py and Sph *(The zone, 124.5-139.6 may be a faulted mineral zone)*
139.6	157.7	minor Bx at 149.5 has minor Py + Sph.
157.7	161.3	
161.3	165	Disseminated and fracture Py, Po, Sph, Gn.
165	168.7	
168.7	174.1	
174.1	195.1	

EOH 195.1

DDH FW 10-11

SHAMROCK ENTERPRISES INC.

from	to	Lithology	Geological Description
0	30.5	Casing	
30.5	78.2	Black Siltstone	BSst and BA interbedded.
78.2	85.25	Sandstone	SS
85.25	88.41	Black Siltstone	BSst and fine grained SS interbedded, occasional small crackle veinlet. Bedding to 50 /CA.
88.41	92.1	Sandstone	SS brecciated, common to well pyritized.
92.1	95.7	Black Siltstone	BSst and SS interbedded, bedding 50-60 /CA. 95.7 5cm chaotic to zone section bottom.
95.7	101.4	Black Argillite	BA with minor SS beds and occassional fractures.
101.4	103.4	Black Argillite	BA, crackled.
103.4	107.5	Black Argillite	BA , massive, occasional 5mm white Qtz veinlet.
107.5	118	Black Argillite	BA with interbedded SS, SS increasing with depth.
118	124.6	Black Argillite	BA and BSst. 124.6 Fault 60 /CA, 5cm.
124.6	133.9	Black Argillite	BA and SS interbedded, increasing SS with depth, weak crackle, no sulphides.
133.9	140.65	Fault	FZ chaotic cohesive gouge. Silica chunks in a smeared out graphitic black matrix. Numerous graphitic shears and slip faces.
140.65	160.8	Black Siltstone	BSst and fine sandy SS interbedded. Increasing SS with depth.
160.8	172.8	Sandstone	SS, grey, sericitized, weakly crackled. (*this is the same unit that was intesely crackled/Bx in FW 10-10.)* Unit becomes chloritic about 168m. Fractures are 45 and 80 /CA.
172.8	181.3	Black Argillite	BA ans BSst, minoor crackled veining. 177.8 Small fault. A few SS interbeds near bottom of section.
181.32	184.37	Sandstone	SS, competent core.
184.37	185.6	Black Argillite	BA interbedded with fg SS, bedding 50 to 55 /CA.
185.6	187.5	Sandstone	SS, grey, occasional BA interbed to lamination, occasional BA rip up clasts in the SS. Beds are 60 /CA.
187.5	198.2	Black Siltstone	BSst and fg grey SS, interbedded. BSst rip up lclasts are common in SS. bedding is 30 /CA.

EOH 198.2 (650 ft)

DDH FW 10-11

SHAMROCK ENTERPRISES INC.

Mineralization Description

from	to	
0	30.5	
30.5	78.2	
78.2	85.25	
85.25	88.41	
88.41	92.1	Pyritized crackleBx.
92.1	95.7	(*increased relative amounts of Ss might denote proximity to a vent .)*
95.7	101.4	
101.4	103.4	
103.4	107.5	
107.5	118	
118	124.6	
124.6	133.9	
133.9	140.65	minor Py and tr. Grey sulphides are seen as clots and disseminations within the gouge.
140.65	160.8	
160.8	172.8	
172.8	181.3	occ Py with crackle veining
181.32	184.37	
184.37	185.6	
185.6	187.5	
187.5	198.2	

EOH 198.2

p44+A1 Final Report ACME ANAL

Client: rock Enterprises Inc.
File Created: 17-Jan-11
Job Number: SMI10000888
Number of Sam 250
Project: Fireweed
Shipment ID:
P.O. Number:
Received: 07-Dec-10

p1	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
Sample	Type							
46501	Drill Core	3.14	<0.005	3	<0.001	0.012	0.02	1.01
46502	Drill Core	5.58	0.012	6	<0.001	0.041	0.02	4.39
46503	Drill Core	2.85	0.022	12	<0.001	0.085	0.13	2.39
46504	Drill Core	2.57	<0.005	<2	<0.001	0.008	<0.02	0.29
46505	Drill Core	4.1	0.005	<2	<0.001	0.009	<0.02	0.12
46506	Drill Core	3.06	0.077	<2	<0.001	0.016	0.03	0.12
46507	Drill Core	1.38	1.11	10	<0.001	0.038	0.07	0.2
46508	Drill Core	3.08	<0.005	<2	<0.001	0.011	<0.02	1.07
46509	Drill Core	2.91	<0.005	<2	<0.001	0.004	<0.02	0.51
46510	Drill Core	2.33	<0.005	<2	<0.001	0.008	0.07	0.11
46511	Drill Core	5.39	0.031	<2	<0.001	0.012	<0.02	0.07
46512	Drill Core	5.39	0.296	7	<0.001	0.104	<0.02	0.02
46513	Drill Core	4.88	0.104	3	<0.001	0.072	<0.02	0.08
46514	Drill Core	2.3	0.034	<2	<0.001	0.012	<0.02	0.11
46515	Drill Core	8.15	1.982	108	<0.001	0.885	1.73	7.05
46516	Drill Core	5.44	0.01	2	<0.001	0.021	0.03	0.22
46517	Drill Core	1.81	3.668	169	<0.001	0.138	6.69	7.89
46518	Drill Core	3.66	0.972	26	<0.001	0.075	0.82	4.19
46519	Drill Core	2.12	0.216	23	<0.001	0.084	0.55	1.11
46520	Drill Core	8.87	1.406	208	<0.001	0.136	9.89	13
46521	Drill Core	6.32	1.272	128	<0.001	0.156	6.48	9.13
46522	Drill Core	5.06	0.487	106	<0.001	0.18	4.52	7.49
46523	Drill Core	6.68	1.194	16	<0.001	0.099	0.12	0.28
46524	Drill Core	6.04	0.825	7	<0.001	0.063	0.13	0.35
46525	Drill Core	6.52	1.119	15	<0.001	0.092	1.25	2.41
46526	Drill Core	1.26	1.087	8	<0.001	0.117	0.11	0.62
46527	Drill Core	7.57	0.088	2	<0.001	0.029	<0.02	0.02
46528	Drill Core	7.44	1.136	49	<0.001	0.175	1.95	5.41
46529	Drill Core	3.86	1.407	73	<0.001	0.253	2.21	3.83
46530	Drill Core	7.04	0.599	64	<0.001	0.239	2.08	6.25
46531	Drill Core	9.57	0.91	81	<0.001	0.287	2.19	7.41
46532	Drill Core	4.31	1.654	14	<0.001	0.113	0.16	0.89

p2	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46533	Drill Core	5.47	0.568	<2	<0.001	0.013	0.02	0.13
46534	Drill Core	6.2	0.224	7	<0.001	0.103	0.02	0.1
46535	Drill Core	3.24	0.156	4	<0.001	0.057	<0.02	0.08
46536	Drill Core	5.05	0.103	2	<0.001	0.008	<0.02	0.05
46537	Drill Core	4.99	0.04	4	<0.001	0.008	0.12	0.32
46538	Drill Core	5.09	0.319	20	<0.001	0.036	0.44	1.04
46539	Drill Core	7.61	0.991	82	<0.001	0.617	1.5	20.3
46540	Drill Core	4.06	0.331	151	<0.001	1.327	0.17	0.38
46541	Drill Core	4.15	0.059	32	<0.001	0.659	<0.02	0.04
46542	Drill Core	5.56	0.145	49	<0.001	1.255	<0.02	0.08
46543	Drill Core	4.51	0.216	3	<0.001	0.08	0.03	0.07
46544	Drill Core	5.59	0.027	<2	<0.001	0.008	0.04	0.26
46545	Drill Core	4.06	0.005	<2	<0.001	0.007	<0.02	0.02
46546	Drill Core	5.21	0.128	6	<0.001	0.143	<0.02	0.03
46547	Drill Core	3.99	0.213	18	<0.001	0.272	0.03	0.08
46548	Drill Core	3.46	0.105	19	<0.001	0.324	0.08	0.26
46549	Drill Core	6.22	0.042	5	<0.001	0.069	0.04	0.08
46550	Drill Core	9.39	0.055	7	<0.001	0.126	0.05	0.14
46551	Drill Core	4.6	0.107	4	<0.001	0.077	<0.02	0.04
46552	Drill Core	4.76	0.016	7	<0.001	0.164	0.02	0.05
46553	Drill Core	8.5	0.02	4	<0.001	0.049	0.03	0.13
46554	Drill Core	1.63	0.169	9	<0.001	0.047	0.03	0.13
46555	Drill Core	4.64	0.137	5	<0.001	0.013	0.1	0.24
46556	Drill Core	4.06	0.716	20	<0.001	0.067	0.16	0.4
46557	Drill Core	6.01	0.418	27	<0.001	0.07	1.84	4.88
46558	Drill Core	6.11	0.241	16	<0.001	0.083	0.23	1.65
46559	Drill Core	6.91	0.189	24	<0.001	0.084	0.56	6.99
46560	Drill Core	5.97	1.023	40	<0.001	0.082	3.91	5.21
46561	Drill Core	6.41	0.802	25	<0.001	0.08	0.6	3.86
46562	Drill Core	4.41	0.323	29	<0.001	0.066	0.95	4.38
46563	Drill Core	2.66	0.314	85	<0.001	0.027	2.25	4.49
46564	Drill Core	4.92	0.089	38	<0.001	0.021	2.04	3.71
46565	Drill Core	3.8	0.053	7	<0.001	0.024	0.17	2.3
46566	Drill Core	1.81	0.019	5	<0.001	0.016	0.07	0.35
46567	Drill Core	2.44	0.055	9	<0.001	0.063	0.08	2.22
46568	Drill Core	4.43	0.125	11	<0.001	0.029	0.06	0.14
46569	Drill Core	2.79	0.214	<2	<0.001	0.016	<0.02	0.07
46570	Drill Core	5.86	0.029	11	<0.001	0.006	0.33	0.82
46571	Drill Core	3.08	0.013	8	<0.001	0.004	0.23	0.86
46572	Drill Core	2.98	<0.005	2	<0.001	<0.001	0.04	0.11
46573	Drill Core	5.62	0.06	<2	<0.001	<0.001	<0.02	0.04
46574	Drill Core	6.41	0.016	6	<0.001	0.003	0.27	0.68
46575	Drill Core	3.93	0.047	5	<0.001	0.004	0.18	0.35

p3	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46576	Drill Core	3.38	0.161	15	<0.001	0.006	0.42	4.6
46577	Drill Core	3.59	0.022	14	<0.001	0.003	0.44	1.88
46578	Drill Core	3.6	0.455	26	<0.001	0.006	0.9	6.54
46579	Drill Core	3.82	0.009	<2	<0.001	0.002	<0.02	0.31
46580	Drill Core	4.85	0.027	<2	<0.001	0.001	0.13	0.39
46581	Drill Core	4.9	0.009	<2	<0.001	0.001	0.1	0.35
46582	Drill Core	5.17	0.009	3	<0.001	0.003	0.22	0.53
46583	Drill Core	3.64	<0.005	<2	<0.001	0.001	0.09	0.21
46584	Drill Core	2.21	0.024	<2	<0.001	0.001	0.08	0.41
46585	Drill Core	7.61	0.175	26	<0.001	0.013	0.41	16.31
46586	Drill Core	3.16	0.375	38	<0.001	0.072	1.73	8.56
46587	Drill Core	5.19	2.499	197	<0.001	0.534	6.12	18.99
46588	Drill Core	6.16	4.373	185	<0.001	0.443	3.9	20.67
46589	Drill Core	5.22	0.068	4	<0.001	0.02	0.13	0.9
46590	Drill Core	5.34	0.023	<2	<0.001	0.002	0.06	0.3
46591	Drill Core	1.98	0.854	15	<0.001	0.011	0.5	0.55
46592	Drill Core	3.61	0.034	3	<0.001	0.01	0.07	0.56
46593	Drill Core	4.97	<0.005	2	<0.001	0.007	0.16	0.16
46594	Drill Core	2.79	<0.005	<2	<0.001	0.004	<0.02	0.02
46595	Drill Core	4.98	<0.005	<2	<0.001	0.004	0.03	0.06
46596	Drill Core	5.08	<0.005	5	<0.001	0.003	0.17	0.34
46597	Drill Core	4.78	0.023	10	<0.001	0.006	0.55	1.23
46598	Drill Core	5.7	0.008	10	<0.001	0.003	0.66	0.57
46599	Drill Core	5.55	<0.005	4	<0.001	0.002	0.5	0.28
46600	Drill Core	2.45	<0.005	<2	<0.001	0.004	0.03	0.02
46601	Drill Core	5.83	<0.005	3	<0.001	0.005	0.1	0.26
46602	Drill Core	3.88	<0.005	10	<0.001	0.009	0.39	1.09
46603	Drill Core	2.29	<0.005	3	<0.001	0.027	0.1	0.2
46604	Drill Core	0.35	0.212	>300	<0.001	0.117	>10.00	8.63
46605	Drill Core	5.39	<0.005	2	<0.001	0.005	<0.02	0.14
46606	Drill Core	5.46	0.03	9	<0.001	0.013	0.3	0.92
46607	Drill Core	5.49	<0.005	3	<0.001	0.007	<0.02	0.05
46608	Drill Core	5.12	0.029	<2	<0.001	0.01	<0.02	0.01
46609	Drill Core	3.7	0.011	<2	<0.001	0.037	<0.02	0.02
46610	Drill Core	5.22	<0.005	<2	<0.001	0.002	<0.02	0.04
46611	Drill Core	2.42	<0.005	<2	<0.001	0.004	<0.02	0.08
46612	Drill Core	4.02	0.036	9	<0.001	0.21	0.04	0.13
46613	Drill Core	2.62	0.005	<2	<0.001	0.002	<0.02	0.23
46614	Drill Core	4.72	0.022	<2	<0.001	0.004	<0.02	0.25
46615	Drill Core	5.1	0.019	3	<0.001	0.025	<0.02	0.08
46616	Drill Core	2.14	0.008	<2	<0.001	0.002	<0.02	0.11
46617	Drill Core	1.6	0.014	<2	0.001	<0.001	<0.02	0.07
46618	Drill Core	1.03	0.017	<2	<0.001	0.001	<0.02	0.13

p4	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46619	Drill Core	4.71	0.026	<2	<0.001	0.003	<0.02	0.04
46620	Drill Core	3.75	0.01	2	<0.001	0.004	<0.02	0.26
46621	Drill Core	5.15	0.007	<2	<0.001	0.002	<0.02	0.09
46622	Drill Core	6.21	0.01	<2	<0.001	0.005	<0.02	0.08
46623	Drill Core	6.36	0.007	<2	<0.001	<0.001	<0.02	0.1
46624	Drill Core	2.95	0.01	<2	<0.001	0.004	<0.02	0.08
46625	Drill Core	4.81	0.012	<2	<0.001	<0.001	<0.02	0.11
46626	Drill Core	5.69	0.015	<2	<0.001	0.016	<0.02	0.1
46627	Drill Core	3.53	0.051	3	<0.001	0.01	<0.02	0.07
46628	Drill Core	5.09	0.005	<2	<0.001	<0.001	<0.02	0.03
46629	Drill Core	4.36	<0.005	2	<0.001	0.038	<0.02	0.03
46630	Drill Core	4.43	0.092	6	<0.001	0.031	<0.02	0.06
46631	Drill Core	1.05	0.172	19	<0.001	0.15	0.08	0.36
46632	Drill Core	3.7	0.006	<2	<0.001	0.001	<0.02	0.03
46633	Drill Core	5.83	0.03	<2	<0.001	0.004	<0.02	0.01
46634	Drill Core	4.92	<0.005	<2	<0.001	<0.001	<0.02	0.01
46635	Drill Core	4.87	<0.005	<2	<0.001	0.002	<0.02	0.02
46636	Drill Core	5.57	<0.005	<2	<0.001	0.013	<0.02	0.01
46637	Drill Core	4.06	0.068	<2	<0.001	0.003	<0.02	0.01
46638	Drill Core	4.68	<0.005	<2	<0.001	0.004	<0.02	<0.01
46639	Drill Core	4.89	<0.005	<2	<0.001	0.005	<0.02	0.1
46640	Drill Core	3.07	<0.005	<2	<0.001	0.003	<0.02	0.19
46641	Drill Core	5.47	0.83	6	<0.001	0.031	0.26	0.08
46642	Drill Core	5.61	0.017	<2	<0.001	0.009	0.14	0.65
46643	Drill Core	8.31	<0.005	<2	<0.001	0.007	<0.02	0.01
46644	Drill Core	4.42	0.024	3	<0.001	0.035	<0.02	0.02
46645	Drill Core	4.58	<0.005	<2	<0.001	0.007	<0.02	<0.01
46646	Drill Core	3.75	<0.005	<2	<0.001	0.005	<0.02	0.01
46647	Drill Core	4.93	0.008	7	<0.001	0.205	0.03	0.26
46648	Drill Core	5.66	<0.005	<2	<0.001	0.034	<0.02	0.03
46649	Drill Core	4.86	0.005	<2	<0.001	0.006	<0.02	<0.01
46650	Drill Core	2.13	<0.005	<2	<0.001	0.006	<0.02	<0.01
46651	Drill Core	3.48	<0.005	<2	<0.001	0.007	<0.02	<0.01
46652	Drill Core	1.14	0.013	<2	<0.001	0.007	<0.02	<0.01
46653	Drill Core	0.95	0.012	<2	<0.001	0.006	<0.02	<0.01
46654	Drill Core	1.94	<0.005	<2	<0.001	0.007	<0.02	0.02
46655	Drill Core	5.29	<0.005	<2	<0.001	0.008	<0.02	0.01
46656	Drill Core	5.03	<0.005	<2	<0.001	0.008	<0.02	0.01
46657	Drill Core	5.1	<0.005	<2	<0.001	0.006	<0.02	0.01
46658	Drill Core	5.64	0.005	<2	<0.001	0.006	<0.02	0.01
46659	Drill Core	5.56	0.006	<2	<0.001	0.006	<0.02	0.01
46660	Drill Core	1.92	0.005	<2	<0.001	0.004	<0.02	0.04
46661	Drill Core	4.45	0.015	3	<0.001	0.006	0.09	0.22

p5	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46662	Drill Core	4.85	0.087	2	<0.001	0.008	0.03	0.12
46663	Drill Core	5.7	0.009	<2	<0.001	0.006	<0.02	0.02
46664	Drill Core	2.09	0.007	<2	<0.001	0.006	<0.02	0.02
46665	Drill Core	2.73	<0.005	<2	<0.001	0.006	<0.02	0.02
46666	Drill Core	3.62	<0.005	<2	<0.001	0.002	<0.02	<0.01
46667	Drill Core	4.1	<0.005	<2	<0.001	0.005	<0.02	0.01
46668	Drill Core	5.2	0.031	3	<0.001	0.007	<0.02	0.21
46669	Drill Core	3.21	0.022	<2	<0.001	0.008	<0.02	0.07
46670	Drill Core	2.65	0.087	26	<0.001	0.081	0.16	11.67
46671	Drill Core	6.14	0.015	3	<0.001	0.006	<0.02	0.62
46672	Drill Core	5.41	<0.005	4	<0.001	0.022	0.02	0.04
46673	Drill Core	7.4	0.017	3	<0.001	0.036	<0.02	1.23
46674	Drill Core	6.28	0.018	3	<0.001	0.018	<0.02	0.53
46675	Drill Core	2.71	<0.005	<2	<0.001	0.009	<0.02	0.74
46676	Drill Core	1.35	0.008	46	<0.001	0.061	0.54	4.52
46677	Drill Core	3.88	<0.005	<2	<0.001	<0.001	<0.02	0.02
46678	Drill Core	4.95	<0.005	2	<0.001	0.009	<0.02	0.32
46679	Drill Core	4.75	<0.005	<2	<0.001	<0.001	<0.02	0.04
46680	Drill Core	2.71	0.007	5	<0.001	0.022	<0.02	1.66
46681	Drill Core	5.69	0.007	<2	<0.001	0.002	<0.02	0.14
46682	Drill Core	2.05	0.019	<2	<0.001	0.003	<0.02	0.03
46683	Drill Core	2.05	0.061	5	<0.001	0.028	<0.02	0.69
46684	Drill Core	4.92	0.094	<2	<0.001	<0.001	<0.02	<0.01
46685	Drill Core	5.21	0.007	<2	<0.001	0.004	<0.02	0.02
46686	Drill Core	5.13	0.018	<2	<0.001	0.01	<0.02	0.06
46687	Drill Core	4.06	<0.005	<2	<0.001	0.005	<0.02	0.04
46688	Drill Core	2.66	<0.005	<2	<0.001	0.002	0.03	0.25
46689	Drill Core	1.42	0.005	<2	<0.001	0.003	<0.02	0.14
46690	Drill Core	4.85	<0.005	<2	<0.001	0.002	0.12	0.35
46691	Drill Core	5.22	<0.005	<2	<0.001	<0.001	0.03	0.06
46692	Drill Core	4.44	<0.005	<2	<0.001	<0.001	<0.02	0.04
46693	Drill Core	4.89	<0.005	<2	<0.001	0.006	<0.02	0.02
46694	Drill Core	5.21	<0.005	<2	<0.001	0.001	0.17	0.16
46695	Drill Core	4.73	<0.005	3	<0.001	0.003	0.43	0.55
46696	Drill Core	4.01	<0.005	<2	<0.001	0.002	0.34	0.27
46697	Drill Core	4.9	<0.005	4	<0.001	0.003	0.54	0.77
46698	Drill Core	4.28	0.015	14	<0.001	0.041	0.8	3.34
46699	Drill Core	5.13	0.012	9	<0.001	0.039	0.12	2.36
46700	Drill Core	4.89	<0.005	<2	<0.001	0.002	0.03	0.86
46701	Drill Core	3.82	<0.005	<2	<0.001	0.012	0.06	1.77
46702	Drill Core	4.34	0.007	<2	<0.001	0.005	0.1	0.54
46703	Drill Core	2.59	<0.005	<2	<0.001	0.008	<0.02	0.02
46704	Drill Core	5.76	<0.005	<2	<0.001	0.007	<0.02	0.02

p6	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46705	Drill Core	4.74	<0.005	<2	<0.001	0.007	<0.02	<0.01
46706	Drill Core	5	<0.005	2	<0.001	0.008	<0.02	0.02
46707	Drill Core	4.64	<0.005	2	<0.001	0.007	<0.02	<0.01
46708	Drill Core	5.3	<0.005	<2	<0.001	0.007	<0.02	0.01
46709	Drill Core	3.5	<0.005	<2	<0.001	0.007	<0.02	<0.01
46710	Drill Core	6.65	<0.005	<2	<0.001	0.007	<0.02	0.01
46711	Drill Core	4.62	<0.005	<2	<0.001	0.008	<0.02	0.01
46712	Drill Core	5.05	0.028	<2	<0.001	0.006	<0.02	<0.01
46713	Drill Core	5.54	<0.005	<2	<0.001	0.009	<0.02	0.02
46714	Drill Core	4.75	0.005	<2	<0.001	0.008	<0.02	0.01
46715	Drill Core	5.18	0.009	<2	<0.001	0.007	<0.02	<0.01
46716	Drill Core	4.88	0.011	<2	<0.001	0.007	<0.02	<0.01
46717	Drill Core	4.87	0.006	<2	<0.001	0.006	<0.02	<0.01
46718	Drill Core	4.2	0.007	<2	<0.001	0.007	<0.02	<0.01
46719	Drill Core	5.08	0.01	<2	<0.001	0.008	<0.02	0.02
46720	Drill Core	4.77	0.005	<2	<0.001	0.005	<0.02	0.01
46721	Drill Core	4.92	0.006	<2	<0.001	0.008	<0.02	0.02
46722	Drill Core	5.09	0.008	<2	<0.001	0.01	<0.02	0.02
46723	Drill Core	3.99	<0.005	<2	<0.001	0.006	<0.02	0.01
46724	Drill Core	4.3	0.009	<2	<0.001	0.006	<0.02	0.01
46725	Drill Core	5.22	0.008	<2	<0.001	0.006	<0.02	0.01
46726	Drill Core	4.55	<0.005	<2	<0.001	0.004	0.14	0.16
46727	Drill Core	4.41	<0.005	<2	<0.001	0.002	<0.02	0.02
46728	Drill Core	4.3	<0.005	<2	<0.001	0.003	<0.02	0.03
46729	Drill Core	4.38	<0.005	<2	<0.001	<0.001	<0.02	0.02
46730	Drill Core	3.64	<0.005	<2	<0.001	0.006	<0.02	0.1
46731	Drill Core	4.05	0.006	<2	<0.001	0.008	<0.02	0.02
46732	Drill Core	4.19	<0.005	<2	<0.001	0.006	<0.02	<0.01
46733	Drill Core	4.52	0.005	<2	<0.001	0.006	<0.02	0.01
46734	Drill Core	4.7	0.01	<2	<0.001	0.008	<0.02	0.02
46735	Drill Core	3.41	<0.005	<2	<0.001	0.007	<0.02	<0.01
46736	Drill Core	5.03	<0.005	<2	<0.001	0.007	<0.02	<0.01
46737	Drill Core	5.03	0.007	<2	<0.001	0.007	<0.02	0.01
46738	Drill Core	5.54	<0.005	<2	<0.001	0.007	<0.02	0.01
46739	Drill Core	4.96	<0.005	<2	<0.001	0.006	<0.02	0.01
46740	Drill Core	4.35	<0.005	<2	<0.001	0.008	<0.02	0.02
46741	Drill Core	5.37	<0.005	<2	<0.001	0.007	<0.02	0.03
46742	Drill Core	6.42	<0.005	<2	<0.001	0.008	<0.02	<0.01
46743	Drill Core	5.92	<0.005	<2	<0.001	0.007	<0.02	<0.01
46744	Drill Core	5.92	<0.005	<2	<0.001	0.007	<0.02	0.01
46745	Drill Core	4.91	<0.005	<2	<0.001	0.007	<0.02	0.02
46746	Drill Core	4.82	<0.005	<2	<0.001	0.006	<0.02	0.01
46747	Drill Core	5.08	<0.005	<2	<0.001	0.006	<0.02	0.01

p7	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46748	Drill Core	4.88	0.006	<2	<0.001	0.007	<0.02	0.01
46749	Drill Core	5.45	<0.005	<2	<0.001	0.007	<0.02	<0.01
46750	Drill Core	4.55	0.005	<2	<0.001	0.007	<0.02	0.01
Pulp Duplicates								
46567	Drill Core	2.44	0.055	9	<0.001	0.063	0.08	2.22
46567	REP			9				
46539	Drill Core	7.61	0.991	82	<0.001	0.617	1.5	20.3
46539	REP			81				
46575	Drill Core	3.93	0.047	5	<0.001	0.004	0.18	0.35
46575	REP			5				
46698	Drill Core	4.28	0.015	14	<0.001	0.041	0.8	3.34
46698	REP			13				
46632	Drill Core	3.7	0.006	<2	<0.001	0.001	<0.02	0.03
46632	REP			<2				
46661	Drill Core	4.45	0.015	3	<0.001	0.006	0.09	0.22
46661	REP			3				
46740	Drill Core	4.35	<0.005	<2	<0.001	0.008	<0.02	0.02
46740	REP			<2				
46586	Drill Core	3.16	0.375	38	<0.001	0.072	1.73	8.56
46586	REP				<0.001	0.068	1.68	8.42
46509	Drill Core	2.91	<0.005	<2	<0.001	0.004	<0.02	0.51
46509	REP			<2				
46539	Drill Core	7.61	0.991	82	<0.001	0.617	1.5	20.3
46539	REP				<0.001	0.613	1.5	19.93
46674	Drill Core	6.28	0.018	3	<0.001	0.018	<0.02	0.53
46674	REP				<0.001	0.018	<0.02	0.53
46691	Drill Core	5.22	<0.005	<2	<0.001	<0.001	0.03	0.06
46691	REP				<0.001	<0.001	0.03	0.06
46600	Drill Core	2.45	<0.005	<2	<0.001	0.004	0.03	0.02
46600	REP			<2				
46646	Drill Core	3.75	<0.005	<2	<0.001	0.005	<0.02	0.01
46646	REP				<0.001	0.005	<0.02	0.01
46680	Drill Core	2.71	0.007	5	<0.001	0.022	<0.02	1.66
46680	REP		0.009					
46693	Drill Core	4.89	<0.005	<2	<0.001	0.006	<0.02	0.02
46693	REP		<0.005					
46734	Drill Core	4.7	0.01	<2	<0.001	0.008	<0.02	0.02
46734	REP				<0.001	0.008	<0.02	0.02
46560	Drill Core	5.97	1.023	40	<0.001	0.082	3.91	5.21
46560	REP				<0.001	0.082	3.93	5.23
46643	Drill Core	8.31	<0.005	<2	<0.001	0.007	<0.02	0.01
46643	REP		<0.005					
46750	Drill Core	4.55	0.005	<2	<0.001	0.007	<0.02	0.01

p8	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD	
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	
	Unit	KG	GM/T	GM/T	%	%	%	%	
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01	
46750	REP				<0.001	0.007	<0.02	<0.01	
46618	Drill Core	1.03	0.017	<2	<0.001	0.001	<0.02	0.13	
46618	REP		0.016						
46571	Drill Core	3.08	0.013	8	<0.001	0.004	0.23	0.86	
46571	REP		0.019						
46551	Drill Core	4.6	0.107	4	<0.001	0.077	<0.02	0.04	
46551	REP		0.093						
46604	Drill Core	0.35	0.212	>300	<0.001	0.117	>10.00	8.63	
46604	REP								
46604	Drill Core	0.35	0.212	>300	<0.001	0.117	>10.00	8.63	
46604	REP								
Preparation Duplicates									Prep
46526	Drill Core	1.26	1.087	8	<0.001	0.117	0.11	0.62	
46526	DUP		0.988	8	<0.001	0.106	0.13	0.74	
46561	Drill Core	6.41	0.802	25	<0.001	0.08	0.6	3.86	
46561	DUP		0.844	25	<0.001	0.081	0.61	3.83	
46596	Drill Core	5.08	<0.005	5	<0.001	0.003	0.17	0.34	
46596	DUP		<0.005	4	<0.001	0.002	0.16	0.31	
46631	Drill Core	1.05	0.172	19	<0.001	0.15	0.08	0.36	
46631	DUP		0.227	22	<0.001	0.155	0.09	0.41	
46666	Drill Core	3.62	<0.005	<2	<0.001	0.002	<0.02	<0.01	
46666	DUP		0.007	<2	<0.001	0.002	<0.02	<0.01	
46701	Drill Core	3.82	<0.005	<2	<0.001	0.012	0.06	1.77	
46701	DUP		<0.005	2	<0.001	0.011	0.06	1.69	
46736	Drill Core	5.03	<0.005	<2	<0.001	0.007	<0.02	<0.01	
46736	DUP		<0.005	<2	0.001	0.007	<0.02	<0.01	
Reference Materials									Re
STD R4A	STD			83					
STD R4A	STD			85					
STD R4A	STD			85					
STD R4A	STD			85					
STD R4A	STD			86					
STD R4A	STD			88					
STD R4A	STD			86					
STD R4A	STD			87					
STD R4A	STD			86					
STD R4A	STD			87					
STD R4A	STD			87					
STD R4A	STD			86					
STD R4A	STD			86					
STD R4A	STD			86					
STD R4T	STD				0.064	0.516	1.57	3.47	
STD OREAS131	STD				<0.001	0.032	1.69	2.9	

p9	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
STD SU-1B	STD				<0.001	1.239	<0.02	0.03
STD R4T	STD				0.07	0.527	1.64	3.59
STD OREAS131	STD				<0.001	0.033	1.74	2.96
STD SU-1B	STD				<0.001	1.196	<0.02	0.02
STD R4A	STD			87				
STD R4A	STD			87				
STD OXH66	STD		1.268					
STD OXK79	STD		3.511					
STD R4T	STD				0.065	0.509	1.58	3.45
STD OREAS131	STD				<0.001	0.033	1.75	2.91
STD SU-1B	STD				<0.001	1.22	<0.02	0.03
STD R4T	STD				0.065	0.51	1.58	3.49
STD OREAS131	STD				<0.001	0.032	1.73	2.9
STD SU-1B	STD				<0.001	1.18	<0.02	0.03
STD R4T	STD				0.065	0.51	1.59	3.51
STD OREAS131	STD				<0.001	0.033	1.75	2.93
STD SU-1B	STD				<0.001	1.211	<0.02	0.03
STD OXH66	STD		1.321					
STD OXK79	STD		3.529					
STD R4A	STD			89				
STD R4A	STD			87				
STD R4T	STD				0.063	0.513	1.57	3.42
STD OREAS131	STD				0.001	0.032	1.69	2.84
STD SU-1B	STD				<0.001	1.234	<0.02	0.03
STD OXH66	STD		1.353					
STD OXK79	STD		3.714					
STD OXH66	STD		1.412					
STD OXK79	STD		3.385					
STD R4T	STD				0.063	0.507	1.55	3.44
STD OREAS131	STD				<0.001	0.032	1.69	2.86
STD SU-1B	STD				<0.001	1.203	<0.02	0.03
STD R4T	STD				0.062	0.514	1.52	3.48
STD OREAS131	STD				<0.001	0.032	1.68	2.91
STD SU-1B	STD				<0.001	1.192	<0.02	0.02
STD OXH66	STD		1.289					
STD OXK79	STD		3.448					
STD CDN-ME-3	STD							
STD AGPROOF	STD							
STD R4T	STD				0.06	0.514	1.57	3.42
STD OREAS131	STD				<0.001	0.032	1.74	2.84
STD SU-1B	STD				<0.001	1.17	<0.02	0.02
STD OXH66	STD		1.283					
STD OXK79	STD		3.579					

p10	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
STD OXH66	STD		1.303					
STD OXK79	STD		3.55					
STD OXH66	STD		1.28					
STD OXK79	STD		3.601					
STD SARM 71	STD							
STD CZN-3	STD							
STD CCU-1C	STD							
STD PTC-1A	STD							
STD OXH66	STD		1.302					
STD OXK79	STD		3.609					
STD CDN-ME-3	STD							
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK			<2				
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK			<2				
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK							
BLK	BLK							
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					

p11	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK							
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK							
Prep Wash								
G1	Prep Blank		<0.005	<2	<0.001	<0.001	<0.02	<0.01
G1	Prep Blank		<0.005	<2	<0.001	<0.001	<0.02	<0.01

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p12	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
Sample								
46501	3	0.012	<0.001	0.42	11.89	<0.02	<0.01	0.005
46502	6	0.01	0.002	0.49	14.59	<0.02	<0.01	0.022
46503	12	0.014	0.005	0.41	15.64	<0.02	<0.01	0.012
46504	<2	0.011	0.003	0.27	8.02	<0.02	<0.01	<0.001
46505	<2	0.013	0.002	0.23	7	<0.02	<0.01	<0.001
46506	2	0.011	0.003	0.32	9.49	<0.02	<0.01	<0.001
46507	10	0.004	0.004	0.13	8.22	<0.02	<0.01	<0.001
46508	2	0.015	0.001	0.33	9.88	<0.02	<0.01	0.006
46509	<2	0.013	<0.001	0.38	9.86	<0.02	<0.01	0.002
46510	<2	<0.001	<0.001	0.15	3.78	<0.02	<0.01	<0.001
46511	<2	<0.001	<0.001	0.22	6.35	<0.02	<0.01	<0.001
46512	8	0.001	0.005	0.18	13.71	<0.02	<0.01	<0.001
46513	4	<0.001	0.002	0.2	8.44	<0.02	<0.01	<0.001
46514	2	<0.001	<0.001	0.22	6.22	<0.02	<0.01	<0.001
46515	113	0.013	0.015	0.21	30.29	<0.02	<0.01	0.036
46516	4	0.002	<0.001	0.21	6.51	<0.02	<0.01	0.001
46517	178	0.005	0.012	0.23	35.62	<0.02	<0.01	0.034
46518	27	0.01	0.005	0.53	16.97	<0.02	<0.01	0.017
46519	25	0.009	0.012	0.3	21.28	<0.02	<0.01	0.003
46520	210	0.004	0.009	0.27	33.07	<0.02	<0.01	0.064
46521	134	0.004	0.013	0.26	34.76	<0.02	<0.01	0.046
46522	110	0.004	0.012	0.24	31.73	<0.02	<0.01	0.036
46523	17	<0.001	0.011	0.24	21.78	<0.02	<0.01	0.002
46524	9	<0.001	0.006	0.21	10.22	<0.02	<0.01	0.002
46525	18	0.004	0.009	0.22	13.4	<0.02	<0.01	0.038
46526	9	<0.001	0.005	0.24	10.78	<0.02	<0.01	0.003
46527	3	<0.001	0.001	0.19	7.42	<0.02	<0.01	<0.001
46528	51	0.004	0.012	0.35	29.53	<0.02	<0.01	0.029
46529	75	0.005	0.026	0.18	44.43	<0.02	<0.01	0.02
46530	67	0.006	0.017	0.24	37.6	<0.02	<0.01	0.033
46531	84	0.008	0.022	0.2	41	<0.02	<0.01	0.039
46532	14	0.011	0.005	0.34	17.13	0.02	<0.01	0.004

p13	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46533	<2	0.008	0.002	0.4	8.39	<0.02	<0.01	<0.001
46534	7	0.017	0.005	0.33	13.08	<0.02	<0.01	<0.001
46535	4	0.018	0.005	0.4	15.21	<0.02	<0.01	<0.001
46536	3	0.014	0.003	0.29	9.76	<0.02	<0.01	<0.001
46537	5	0.013	0.002	0.36	8.83	<0.02	<0.01	0.002
46538	21	0.011	0.006	0.49	19.04	<0.02	<0.01	0.005
46539	84	0.021	0.031	0.27	27.69	<0.02	<0.01	0.109
46540	158	0.02	0.041	0.33	34.05	<0.02	<0.01	0.002
46541	34	0.008	0.011	0.26	15.63	<0.02	<0.01	<0.001
46542	51	0.014	0.024	0.28	22.26	<0.02	<0.01	<0.001
46543	3	<0.001	0.002	0.22	8.03	<0.02	<0.01	<0.001
46544	2	<0.001	<0.001	0.19	4.3	<0.02	<0.01	<0.001
46545	<2	0.008	0.002	0.34	11.81	<0.02	<0.01	<0.001
46546	6	0.007	0.006	0.37	15.5	<0.02	<0.01	<0.001
46547	16	0.01	0.015	0.52	19.32	<0.02	<0.01	<0.001
46548	20	0.01	0.009	0.53	17.76	<0.02	<0.01	0.001
46549	4	0.007	0.011	0.49	18.77	<0.02	<0.01	<0.001
46550	7	0.007	0.01	0.44	19.72	<0.02	<0.01	<0.001
46551	3	0.008	0.01	0.48	20.42	<0.02	<0.01	<0.001
46552	8	0.009	0.008	0.41	18.58	<0.02	<0.01	<0.001
46553	2	0.008	0.005	0.54	17.86	<0.02	<0.01	<0.001
46554	9	0.01	0.014	0.55	14.44	<0.02	<0.01	<0.001
46555	5	0.005	0.002	0.38	10.17	<0.02	<0.01	0.001
46556	20	0.003	0.006	0.34	16.29	<0.02	<0.01	0.003
46557	27	0.004	0.002	0.27	13	<0.02	<0.01	0.022
46558	16	0.004	0.006	0.32	19.13	<0.02	<0.01	0.008
46559	26	0.004	0.004	0.28	13.71	<0.02	<0.01	0.034
46560	42	0.006	0.003	0.48	13.41	<0.02	<0.01	0.026
46561	25	0.007	0.007	0.47	17.28	<0.02	0.01	0.02
46562	31	0.006	0.004	0.6	12.36	<0.02	<0.01	0.019
46563	90	0.004	0.001	0.42	10.29	<0.02	<0.01	0.017
46564	37	0.004	0.001	0.41	9.43	<0.02	<0.01	0.015
46565	7	0.005	0.002	0.41	10.41	<0.02	<0.01	0.01
46566	5	0.006	0.002	0.51	12.15	<0.02	<0.01	0.002
46567	9	0.008	0.004	0.46	16.67	<0.02	<0.01	0.012
46568	9	0.009	0.004	0.53	17.46	<0.02	<0.01	<0.001
46569	<2	0.017	0.003	0.52	10.91	<0.02	<0.01	<0.001
46570	11	0.01	0.002	0.53	6.97	<0.02	<0.01	0.003
46571	9	0.01	0.002	0.75	7.75	<0.02	<0.01	0.003
46572	2	0.011	0.002	0.81	7.67	<0.02	<0.01	<0.001
46573	<2	0.011	0.002	0.73	6.81	<0.02	<0.01	<0.001
46574	7	0.008	0.002	1.12	10.79	<0.02	<0.01	0.002
46575	5	0.005	<0.001	1.08	11.13	<0.02	<0.01	0.001

p14	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46576	15	0.004	0.001	1.35	13.21	<0.02	<0.01	0.016
46577	15	0.004	0.002	1.14	12.3	<0.02	<0.01	0.006
46578	27	0.005	0.002	1.04	12.81	<0.02	<0.01	0.023
46579	<2	<0.001	<0.001	0.13	2.64	<0.02	<0.01	0.001
46580	2	<0.001	<0.001	0.22	2.93	<0.02	<0.01	0.002
46581	<2	<0.001	<0.001	0.18	2.76	<0.02	<0.01	0.002
46582	2	<0.001	<0.001	0.19	3.57	<0.02	<0.01	0.002
46583	<2	<0.001	<0.001	0.15	2.42	<0.02	<0.01	<0.001
46584	<2	<0.001	<0.001	0.19	3.21	<0.02	<0.01	0.002
46585	28	0.007	0.003	0.66	13.78	<0.02	<0.01	0.058
46586	38	0.007	0.004	0.59	14.35	<0.02	<0.01	0.033
46587	208	0.007	0.012	0.3	25.23	<0.02	<0.01	0.088
46588	190	0.008	0.018	0.24	33.92	<0.02	<0.01	0.112
46589	4	<0.001	<0.001	0.19	4.26	<0.02	<0.01	0.004
46590	<2	<0.001	<0.001	0.17	3.35	<0.02	<0.01	0.001
46591	16	0.009	0.007	0.13	14.91	0.04	<0.01	0.002
46592	3	0.013	0.002	0.21	5.47	<0.02	<0.01	0.003
46593	3	0.013	0.002	0.36	4.92	<0.02	<0.01	<0.001
46594	<2	0.013	0.002	0.43	5.85	<0.02	<0.01	<0.001
46595	<2	0.012	0.002	0.43	5.03	<0.02	<0.01	<0.001
46596	5	0.011	0.002	0.42	4.63	<0.02	<0.01	0.001
46597	10	0.011	0.002	0.48	5.32	<0.02	<0.01	0.005
46598	10	0.012	0.002	0.48	6.16	<0.02	<0.01	0.002
46599	6	0.009	0.001	0.54	6.53	<0.02	<0.01	0.001
46600	<2	0.013	0.002	0.42	5.05	<0.02	<0.01	<0.001
46601	3	0.011	0.002	0.55	5.8	<0.02	<0.01	0.001
46602	10	0.013	0.002	0.65	7.19	<0.02	<0.01	0.005
46603	3	0.013	0.002	0.49	6.58	<0.02	<0.01	0.001
46604	>300	0.009	0.005	0.25	15.64	<0.02	<0.01	0.043
46605	<2	0.012	0.002	0.36	5.33	<0.02	<0.01	<0.001
46606	10	0.012	0.003	0.42	7.32	<0.02	<0.01	0.004
46607	5	0.014	0.003	0.26	5.13	<0.02	<0.01	<0.001
46608	<2	0.011	0.003	0.25	8.41	<0.02	<0.01	<0.001
46609	<2	0.01	0.005	0.23	10.02	<0.02	<0.01	<0.001
46610	<2	0.009	0.002	0.34	7.99	<0.02	<0.01	<0.001
46611	<2	0.008	0.002	0.41	7.81	<0.02	<0.01	<0.001
46612	11	0.008	0.003	0.37	11.27	<0.02	<0.01	<0.001
46613	<2	0.009	0.002	0.23	5.98	<0.02	<0.01	<0.001
46614	<2	0.007	0.003	0.32	9.17	<0.02	<0.01	<0.001
46615	<2	0.008	0.002	0.35	10.68	<0.02	<0.01	<0.001
46616	<2	0.007	0.002	0.32	10	<0.02	<0.01	<0.001
46617	<2	0.008	0.003	0.29	9.8	<0.02	<0.01	<0.001
46618	<2	0.006	0.002	0.28	10.11	<0.02	<0.01	<0.001

p15	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46619	<2	0.008	0.003	0.26	9.18	<0.02	<0.01	<0.001
46620	<2	0.007	0.002	0.36	10.85	<0.02	<0.01	<0.001
46621	<2	0.011	0.002	0.17	5.92	<0.02	<0.01	<0.001
46622	<2	0.011	0.002	0.17	4.48	<0.02	<0.01	<0.001
46623	<2	0.012	0.002	0.24	6.75	<0.02	<0.01	<0.001
46624	<2	0.013	0.002	0.15	4.47	<0.02	<0.01	<0.001
46625	<2	0.008	0.002	0.21	5.8	<0.02	<0.01	<0.001
46626	<2	0.01	0.003	0.21	8.74	<0.02	<0.01	<0.001
46627	<2	0.009	0.003	0.34	12.08	<0.02	<0.01	<0.001
46628	<2	0.011	0.002	0.17	6.76	<0.02	<0.01	<0.001
46629	<2	0.01	0.002	0.24	9.7	<0.02	<0.01	<0.001
46630	4	0.009	0.004	0.26	10.83	<0.02	<0.01	<0.001
46631	19	0.025	0.009	0.29	11.4	<0.02	<0.01	<0.001
46632	<2	0.009	0.002	0.18	7.63	<0.02	<0.01	<0.001
46633	<2	0.013	0.002	0.24	8.84	<0.02	<0.01	<0.001
46634	<2	0.011	0.002	0.17	6.93	<0.02	<0.01	<0.001
46635	<2	0.011	0.002	0.15	6.58	<0.02	<0.01	<0.001
46636	<2	0.01	0.003	0.23	8.91	<0.02	<0.01	<0.001
46637	10	0.012	0.003	0.22	9.29	<0.02	<0.01	<0.001
46638	<2	0.016	0.003	0.2	6.63	<0.02	<0.01	<0.001
46639	<2	0.012	0.002	0.22	4.86	<0.02	<0.01	<0.001
46640	<2	0.011	0.002	0.21	5.22	<0.02	<0.01	<0.001
46641	5	0.016	0.004	0.21	7.59	0.03	<0.01	<0.001
46642	<2	0.011	0.002	0.41	6.06	<0.02	<0.01	0.002
46643	<2	0.015	0.003	0.18	5.54	<0.02	<0.01	<0.001
46644	3	0.013	0.003	0.16	8.28	<0.02	<0.01	<0.001
46645	<2	0.013	0.002	0.14	4.63	<0.02	<0.01	<0.001
46646	<2	0.01	0.002	0.26	6.59	<0.02	<0.01	<0.001
46647	7	0.007	0.002	0.47	10.21	<0.02	<0.01	<0.001
46648	<2	0.004	0.001	0.27	9.06	<0.02	<0.01	<0.001
46649	<2	0.008	0.002	0.26	5.78	<0.02	<0.01	<0.001
46650	<2	0.009	<0.001	0.21	4.99	<0.02	<0.01	<0.001
46651	<2	0.011	0.002	0.28	4.75	<0.02	<0.01	<0.001
46652	<2	0.011	0.002	0.29	4.93	<0.02	<0.01	<0.001
46653	<2	0.013	0.002	0.29	5.15	<0.02	<0.01	<0.001
46654	<2	0.014	0.002	0.38	5.36	<0.02	<0.01	<0.001
46655	<2	0.014	0.002	0.27	5.66	<0.02	<0.01	<0.001
46656	<2	0.014	0.002	0.15	5.66	<0.02	<0.01	<0.001
46657	<2	0.015	0.003	0.13	5.75	<0.02	<0.01	<0.001
46658	<2	0.015	0.003	0.12	5.86	<0.02	<0.01	<0.001
46659	<2	0.014	0.002	0.18	5.48	<0.02	<0.01	<0.001
46660	<2	0.012	0.002	0.33	5.33	<0.02	<0.01	<0.001
46661	3	0.011	0.002	0.32	5.43	<0.02	<0.01	<0.001

p16	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46662	<2	0.013	0.003	0.26	5.97	<0.02	<0.01	<0.001
46663	<2	0.014	0.002	0.23	5.36	<0.02	<0.01	<0.001
46664	<2	0.014	0.002	0.26	5.62	<0.02	<0.01	<0.001
46665	<2	0.014	0.002	0.2	5.7	<0.02	<0.01	<0.001
46666	<2	0.011	0.002	0.19	5.68	<0.02	<0.01	<0.001
46667	<2	0.01	0.002	0.14	4.54	<0.02	<0.01	<0.001
46668	3	0.01	0.002	0.25	6.72	<0.02	<0.01	0.001
46669	<2	0.012	0.001	0.35	9.18	<0.02	<0.01	<0.001
46670	26	0.015	0.005	0.3	12.17	<0.02	<0.01	0.067
46671	<2	0.012	0.001	0.3	7.68	<0.02	<0.01	0.003
46672	4	0.014	0.002	0.24	6.79	<0.02	<0.01	<0.001
46673	2	0.013	0.002	0.22	6.17	<0.02	<0.01	0.007
46674	2	0.015	0.003	0.28	8.85	<0.02	<0.01	0.003
46675	<2	0.011	0.001	0.28	7.2	<0.02	<0.01	0.004
46676	45	0.027	0.006	0.25	11.23	<0.02	<0.01	0.025
46677	<2	0.01	0.001	0.33	6.88	<0.02	<0.01	<0.001
46678	<2	0.009	0.001	0.29	6.18	<0.02	<0.01	0.002
46679	<2	0.009	0.001	0.28	5.65	<0.02	<0.01	<0.001
46680	5	0.009	0.002	0.36	7.13	<0.02	<0.01	0.008
46681	<2	0.009	0.001	0.35	6.22	<0.02	<0.01	<0.001
46682	<2	0.014	0.002	0.18	5.28	<0.02	<0.01	<0.001
46683	4	0.007	0.002	0.19	6.78	<0.02	<0.01	0.003
46684	<2	0.011	0.001	0.35	8.26	<0.02	<0.01	<0.001
46685	<2	0.015	0.002	0.4	7.48	<0.02	<0.01	<0.001
46686	<2	0.015	0.003	0.52	8.54	<0.02	<0.01	<0.001
46687	<2	0.014	0.002	0.38	6.43	<0.02	<0.01	<0.001
46688	<2	<0.001	<0.001	0.24	2.51	<0.02	<0.01	0.001
46689	<2	0.007	<0.001	0.23	5.94	<0.02	<0.01	<0.001
46690	2	<0.001	<0.001	0.14	2.27	<0.02	<0.01	0.001
46691	<2	<0.001	<0.001	0.24	1.48	<0.02	<0.01	<0.001
46692	<2	<0.001	<0.001	0.18	1.22	<0.02	<0.01	<0.001
46693	<2	0.01	0.002	0.55	5.02	<0.02	<0.01	<0.001
46694	<2	0.011	0.002	0.59	5.88	<0.02	<0.01	<0.001
46695	3	0.009	0.002	0.47	5.1	<0.02	<0.01	0.002
46696	<2	0.008	0.001	0.58	6.12	<0.02	<0.01	0.001
46697	3	0.009	0.001	0.49	6.14	<0.02	<0.01	0.004
46698	13	0.009	0.003	0.76	8.96	<0.02	<0.01	0.016
46699	9	0.009	0.002	0.53	7.21	<0.02	<0.01	0.011
46700	<2	0.008	0.001	0.44	6.13	<0.02	<0.01	0.004
46701	<2	0.008	0.002	0.49	7.09	<0.02	<0.01	0.009
46702	2	0.009	0.001	0.67	8.16	<0.02	<0.01	0.003
46703	<2	0.012	0.002	0.52	5.27	<0.02	<0.01	<0.001
46704	<2	0.012	0.002	0.43	5.02	<0.02	<0.01	<0.001

p17	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46705	2	0.013	0.002	0.35	5.27	<0.02	<0.01	<0.001
46706	2	0.013	0.002	0.29	5.07	<0.02	<0.01	<0.001
46707	<2	0.012	0.002	0.22	4.94	<0.02	<0.01	<0.001
46708	2	0.013	0.002	0.25	5.2	<0.02	<0.01	<0.001
46709	<2	0.013	0.002	0.25	5.31	<0.02	<0.01	<0.001
46710	<2	0.014	0.002	0.28	5.08	<0.02	<0.01	<0.001
46711	<2	0.012	0.002	0.2	4.16	<0.02	0.01	<0.001
46712	<2	0.01	0.002	0.15	5.28	<0.02	0.01	<0.001
46713	<2	0.012	0.002	0.09	4.82	<0.02	<0.01	<0.001
46714	<2	0.016	0.002	0.11	5.39	<0.02	0.01	<0.001
46715	<2	0.015	0.003	0.07	5.55	<0.02	<0.01	<0.001
46716	<2	0.014	0.003	0.09	6.09	<0.02	<0.01	<0.001
46717	<2	0.014	0.003	0.07	5.5	<0.02	<0.01	<0.001
46718	<2	0.013	0.002	0.08	5.35	<0.02	<0.01	<0.001
46719	<2	0.014	0.002	0.12	5.4	<0.02	<0.01	<0.001
46720	<2	0.013	0.002	0.15	5.38	<0.02	<0.01	<0.001
46721	<2	0.013	0.002	0.14	4.46	<0.02	<0.01	<0.001
46722	<2	0.015	0.003	0.18	5.62	<0.02	<0.01	<0.001
46723	<2	0.012	0.002	0.15	4.42	<0.02	<0.01	<0.001
46724	<2	0.013	0.002	0.17	4.69	<0.02	<0.01	<0.001
46725	<2	0.014	0.002	0.28	6.82	<0.02	<0.01	<0.001
46726	<2	0.013	0.002	0.18	5.87	<0.02	<0.01	<0.001
46727	<2	0.012	0.002	0.14	4.96	<0.02	<0.01	<0.001
46728	<2	0.013	0.002	0.27	7.43	<0.02	<0.01	<0.001
46729	<2	0.013	0.002	0.24	6.61	<0.02	<0.01	<0.001
46730	<2	0.014	0.002	0.2	5.8	<0.02	<0.01	<0.001
46731	<2	0.014	0.003	0.13	5.33	<0.02	0.01	<0.001
46732	<2	0.013	0.002	0.11	5.49	<0.02	0.01	<0.001
46733	<2	0.014	0.003	0.11	5.23	<0.02	0.01	<0.001
46734	<2	0.012	0.003	0.1	5.71	<0.02	0.01	<0.001
46735	<2	0.011	0.003	0.3	5.17	<0.02	<0.01	<0.001
46736	<2	0.009	0.002	0.32	5.27	<0.02	<0.01	<0.001
46737	<2	0.012	0.002	0.11	5.39	<0.02	0.01	<0.001
46738	<2	0.013	0.002	0.12	5.38	<0.02	0.01	<0.001
46739	<2	0.013	0.002	0.11	5.21	<0.02	0.01	<0.001
46740	<2	0.013	0.002	0.13	5.81	<0.02	0.01	<0.001
46741	<2	0.011	0.002	0.16	5.44	<0.02	<0.01	<0.001
46742	<2	0.013	0.002	0.14	5.07	<0.02	<0.01	<0.001
46743	<2	0.012	0.002	0.13	4.94	<0.02	<0.01	<0.001
46744	<2	0.01	0.002	0.15	4.94	<0.02	<0.01	<0.001
46745	<2	0.01	0.002	0.17	5.3	<0.02	<0.01	<0.001
46746	<2	0.011	0.002	0.2	4.9	<0.02	<0.01	<0.001
46747	<2	0.011	0.002	0.2	4.71	<0.02	<0.01	<0.001

p18	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46748	<2	0.012	0.002	0.12	4.92	<0.02	<0.01	<0.001
46749	<2	0.011	0.002	0.11	4.72	<0.02	<0.01	<0.001
46750	<2	0.012	0.002	0.1	4.81	<0.02	<0.01	<0.001
Pulp Duplicates								
46567	9	0.008	0.004	0.46	16.67	<0.02	<0.01	0.012
46567								
46539	84	0.021	0.031	0.27	27.69	<0.02	<0.01	0.109
46539								
46575	5	0.005	<0.001	1.08	11.13	<0.02	<0.01	0.001
46575								
46698	13	0.009	0.003	0.76	8.96	<0.02	<0.01	0.016
46698								
46632	<2	0.009	0.002	0.18	7.63	<0.02	<0.01	<0.001
46632								
46661	3	0.011	0.002	0.32	5.43	<0.02	<0.01	<0.001
46661								
46740	<2	0.013	0.002	0.13	5.81	<0.02	0.01	<0.001
46740								
46586	38	0.007	0.004	0.59	14.35	<0.02	<0.01	0.033
46586	38	0.007	0.004	0.57	13.98	<0.02	<0.01	0.032
46509	<2	0.013	<0.001	0.38	9.86	<0.02	<0.01	0.002
46509								
46539	84	0.021	0.031	0.27	27.69	<0.02	<0.01	0.109
46539	83	0.021	0.031	0.27	27.47	<0.02	<0.01	0.108
46674	2	0.015	0.003	0.28	8.85	<0.02	<0.01	0.003
46674	3	0.016	0.003	0.29	8.9	<0.02	<0.01	0.003
46691	<2	<0.001	<0.001	0.24	1.48	<0.02	<0.01	<0.001
46691	<2	<0.001	<0.001	0.24	1.47	<0.02	<0.01	<0.001
46600	<2	0.013	0.002	0.42	5.05	<0.02	<0.01	<0.001
46600								
46646	<2	0.01	0.002	0.26	6.59	<0.02	<0.01	<0.001
46646	<2	0.01	0.002	0.25	6.59	<0.02	<0.01	<0.001
46680	5	0.009	0.002	0.36	7.13	<0.02	<0.01	0.008
46680								
46693	<2	0.01	0.002	0.55	5.02	<0.02	<0.01	<0.001
46693								
46734	<2	0.012	0.003	0.1	5.71	<0.02	0.01	<0.001
46734	<2	0.012	0.003	0.1	5.69	<0.02	0.01	<0.001
46560	42	0.006	0.003	0.48	13.41	<0.02	<0.01	0.026
46560	42	0.006	0.003	0.48	13.4	<0.02	<0.01	0.026
46643	<2	0.015	0.003	0.18	5.54	<0.02	<0.01	<0.001
46643								
46750	<2	0.012	0.002	0.1	4.81	<0.02	<0.01	<0.001

p19	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46750	<2	0.012	0.002	0.1	4.78	<0.02	<0.01	<0.001
46618	<2	0.006	0.002	0.28	10.11	<0.02	<0.01	<0.001
46618								
46571	9	0.01	0.002	0.75	7.75	<0.02	<0.01	0.003
46571								
46551	3	0.008	0.01	0.48	20.42	<0.02	<0.01	<0.001
46551								
46604	>300	0.009	0.005	0.25	15.64	<0.02	<0.01	0.043
46604								
46604	>300	0.009	0.005	0.25	15.64	<0.02	<0.01	0.043
46604								
paration Duplicates								Prep
46526	9	<0.001	0.005	0.24	10.78	<0.02	<0.01	0.003
46526	9	<0.001	0.005	0.22	10.38	<0.02	<0.01	0.003
46561	25	0.007	0.007	0.47	17.28	<0.02	0.01	0.02
46561	26	0.007	0.007	0.47	17.31	<0.02	0.01	0.021
46596	5	0.011	0.002	0.42	4.63	<0.02	<0.01	0.001
46596	5	0.011	0.002	0.4	4.46	<0.02	<0.01	0.001
46631	19	0.025	0.009	0.29	11.4	<0.02	<0.01	<0.001
46631	22	0.028	0.011	0.33	12.69	<0.02	<0.01	<0.001
46666	<2	0.011	0.002	0.19	5.68	<0.02	<0.01	<0.001
46666	<2	0.011	0.002	0.19	5.75	<0.02	<0.01	<0.001
46701	<2	0.008	0.002	0.49	7.09	<0.02	<0.01	0.009
46701	<2	0.008	0.002	0.49	7.06	<0.02	<0.01	0.008
46736	<2	0.009	0.002	0.32	5.27	<0.02	<0.01	<0.001
46736	<2	0.01	0.003	0.31	5.07	<0.02	<0.01	<0.001
ference Materials								Re
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4T	90	0.355	0.041	0.09	24.62	<0.02	0.02	0.019
STD OREAS131A	31	0.003	0.002	0.17	5.92	<0.02	<0.01	0.008

p20	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
STD SU-1B	7	2.001	0.069	0.07	26.16	<0.02	0.03	<0.001
STD R4T	91	0.359	0.043	0.09	25.13	<0.02	0.02	0.019
STD OREAS131A	32	0.003	0.003	0.18	5.94	<0.02	<0.01	0.008
STD SU-1B	7	1.997	0.067	0.07	26.02	<0.02	0.03	<0.001
STD R4A								
STD R4A								
STD OXH66								
STD OXK79								
STD R4T	87	0.354	0.041	0.09	24.06	<0.02	0.02	0.019
STD OREAS131A	32	0.003	0.002	0.17	5.85	<0.02	<0.01	0.008
STD SU-1B	8	1.996	0.068	0.07	25.64	<0.02	0.03	<0.001
STD R4T	90	0.355	0.041	0.09	24.13	<0.02	0.02	0.019
STD OREAS131A	32	0.003	0.002	0.17	5.82	<0.02	<0.01	0.008
STD SU-1B	7	1.937	0.067	0.07	25.28	<0.02	0.03	<0.001
STD R4T	88	0.356	0.041	0.09	24.32	<0.02	0.02	0.019
STD OREAS131A	32	0.003	0.002	0.17	5.89	<0.02	<0.01	0.008
STD SU-1B	7	1.987	0.068	0.07	25.56	<0.02	0.03	<0.001
STD OXH66								
STD OXK79								
STD R4A								
STD R4A								
STD R4T	89	0.354	0.041	0.09	24.08	<0.02	0.02	0.018
STD OREAS131A	30	0.002	0.002	0.17	5.78	<0.02	<0.01	0.008
STD SU-1B	7	2.019	0.069	0.07	25.58	<0.02	0.03	<0.001
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD R4T	89	0.352	0.04	0.09	24.06	<0.02	0.02	0.018
STD OREAS131A	31	0.003	0.002	0.17	5.72	<0.02	<0.01	0.008
STD SU-1B	6	1.997	0.067	0.07	25.42	<0.02	0.03	<0.001
STD R4T	87	0.35	0.039	0.09	23.86	<0.02	0.02	0.018
STD OREAS131A	31	0.003	0.002	0.18	5.73	<0.02	<0.01	0.008
STD SU-1B	7	1.96	0.066	0.07	25.11	<0.02	0.03	<0.001
STD OXH66								
STD OXK79								
STD CDN-ME-3								
STD AGPROOF								
STD R4T	91	0.355	0.039	0.09	24.26	<0.02	0.02	0.018
STD OREAS131A	31	0.003	0.002	0.17	5.71	<0.02	<0.01	0.008
STD SU-1B	6	1.933	0.066	0.07	24.65	<0.02	0.03	<0.001
STD OXH66								
STD OXK79								

p21	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD SARM 71								
STD CZN-3								
STD CCU-1C								
STD PTC-1A								
STD OXH66								
STD OXK79								
STD CDN-ME-3								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								

p22	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
Prep Wash								
G1	<2	<0.001	<0.001	0.08	2.52	<0.02	0.08	<0.001
G1	<2	<0.001	<0.001	0.08	2.72	<0.02	0.08	<0.001

Client:

File Created:

p23	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Sample								
46501	<0.01	<0.01	0.22	0.05	0.017	0.87	9.09	0.03
46502	<0.01	<0.01	0.19	0.04	0.016	0.73	8	0.02
46503	<0.01	<0.01	0.75	0.26	0.016	0.71	7.56	0.03
46504	<0.01	<0.01	0.47	0.09	0.018	0.84	9.22	0.1
46505	<0.01	<0.01	0.35	0.09	0.016	1.12	9.58	0.1
46506	<0.01	<0.01	0.28	0.04	0.028	0.62	6.57	0.03
46507	<0.01	<0.01	0.11	0.02	0.002	0.25	6.31	0.04
46508	<0.01	<0.01	0.41	0.1	0.016	0.95	9.16	0.03
46509	<0.01	<0.01	0.45	0.12	0.019	0.92	8.82	0.03
46510	<0.01	<0.01	0.08	0.01	<0.001	0.18	6.65	0.04
46511	<0.01	<0.01	0.09	0.01	<0.001	0.29	5.96	0.04
46512	<0.01	<0.01	0.06	0.01	0.003	0.25	5.07	0.03
46513	<0.01	<0.01	0.06	<0.01	<0.001	0.24	5.41	0.03
46514	<0.01	<0.01	0.06	<0.01	<0.001	0.25	5.63	0.03
46515	<0.01	0.01	0.12	0.03	0.004	0.33	3.44	0.01
46516	<0.01	<0.01	0.19	0.03	0.002	0.42	7.56	0.06
46517	0.02	<0.01	0.15	0.01	0.002	0.38	1.63	<0.01
46518	<0.01	<0.01	0.37	0.02	0.007	0.67	2.83	0.02
46519	<0.01	<0.01	0.3	0.02	0.002	0.58	4.26	0.02
46520	0.02	<0.01	0.06	0.01	0.003	0.2	1.5	<0.01
46521	0.01	<0.01	0.07	0.02	0.004	0.25	1.9	<0.01
46522	0.01	0.01	0.06	0.03	0.006	0.33	3	<0.01
46523	<0.01	<0.01	0.11	<0.01	<0.001	0.29	4.07	0.02
46524	<0.01	<0.01	0.17	<0.01	<0.001	0.28	5.29	0.03
46525	<0.01	<0.01	0.22	<0.01	<0.001	0.34	4.52	0.03
46526	<0.01	<0.01	0.14	<0.01	<0.001	0.27	5.2	0.03
46527	<0.01	<0.01	0.05	<0.01	<0.001	0.25	5.78	0.02
46528	<0.01	<0.01	0.08	0.02	0.005	0.42	3.8	<0.01
46529	<0.01	0.01	0.08	0.01	0.003	0.23	1.65	<0.01
46530	<0.01	<0.01	0.15	0.02	0.006	0.35	2.87	<0.01
46531	<0.01	0.01	0.07	0.02	0.004	0.27	1.91	<0.01
46532	<0.01	<0.01	0.55	0.04	0.013	0.71	6.01	0.02

p24	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46533	<0.01	<0.01	2.51	0.05	0.013	0.69	6.6	0.02
46534	<0.01	<0.01	0.27	0.07	0.011	0.95	8.2	0.03
46535	<0.01	<0.01	0.23	0.08	0.012	0.86	8.39	0.03
46536	<0.01	<0.01	0.19	0.06	0.016	0.84	9.74	0.03
46537	<0.01	<0.01	0.22	0.07	0.026	0.87	8.44	0.02
46538	<0.01	<0.01	0.28	0.05	0.013	0.87	6.93	0.02
46539	<0.01	<0.01	0.14	0.02	0.004	0.35	1.93	0.01
46540	<0.01	0.01	0.09	0.02	0.009	0.51	2.29	<0.01
46541	<0.01	<0.01	0.08	0.02	0.018	0.71	3.25	<0.01
46542	<0.01	<0.01	0.09	0.03	0.016	0.86	4.09	<0.01
46543	<0.01	<0.01	0.11	<0.01	<0.001	0.27	5.61	0.03
46544	<0.01	<0.01	0.11	<0.01	<0.001	0.22	6.27	0.04
46545	<0.01	<0.01	0.24	0.06	0.016	1.17	7.62	0.02
46546	<0.01	<0.01	0.33	0.09	0.011	1.3	7.87	0.02
46547	<0.01	<0.01	0.24	0.04	0.011	1.28	6.75	0.01
46548	<0.01	<0.01	0.55	0.04	0.012	1.22	5.97	0.02
46549	<0.01	<0.01	0.14	0.04	0.009	1.17	5.26	<0.01
46550	<0.01	<0.01	0.24	0.05	0.009	1.32	6.1	<0.01
46551	<0.01	<0.01	0.22	0.05	0.009	1.38	6.24	<0.01
46552	<0.01	<0.01	0.19	0.03	0.01	1.27	6.43	<0.01
46553	<0.01	<0.01	0.41	0.09	0.01	1.41	6.96	<0.01
46554	<0.01	<0.01	0.34	0.03	0.011	1.23	7.59	0.02
46555	<0.01	<0.01	0.36	0.04	0.009	0.47	3.94	0.02
46556	<0.01	<0.01	0.13	<0.01	0.004	0.3	1.54	0.01
46557	<0.01	<0.01	0.12	0.04	0.005	0.32	1.91	<0.01
46558	<0.01	<0.01	0.13	0.03	0.005	0.31	2.01	<0.01
46559	<0.01	<0.01	0.23	0.04	0.004	0.36	2.06	<0.01
46560	<0.01	<0.01	0.22	0.04	0.006	0.43	2.31	<0.01
46561	<0.01	<0.01	0.41	0.04	0.006	0.48	2.33	0.02
46562	<0.01	<0.01	0.26	0.02	0.006	0.47	2.13	0.02
46563	<0.01	<0.01	0.22	0.02	0.004	0.6	2.14	0.01
46564	<0.01	<0.01	0.21	0.02	0.008	0.56	2.54	<0.01
46565	<0.01	<0.01	0.2	0.02	0.009	0.6	2.76	<0.01
46566	<0.01	<0.01	0.21	0.02	0.009	0.66	3.04	<0.01
46567	<0.01	<0.01	0.38	0.09	0.014	0.8	3.23	<0.01
46568	<0.01	<0.01	0.17	0.04	0.016	0.71	4.46	<0.01
46569	<0.01	<0.01	0.4	0.06	0.02	0.87	8.99	0.05
46570	<0.01	<0.01	0.39	0.12	0.014	0.51	5.07	0.04
46571	<0.01	<0.01	0.17	0.04	0.023	0.64	5.47	0.01
46572	<0.01	<0.01	0.22	0.07	0.017	0.92	7.59	0.02
46573	<0.01	<0.01	0.24	0.06	0.02	0.87	6.23	0.02
46574	<0.01	<0.01	0.24	0.05	0.019	1.08	6.48	0.01
46575	<0.01	<0.01	0.36	0.06	0.01	0.92	6.51	0.02

p25	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46576	<0.01	<0.01	0.2	0.05	0.007	1.08	7.78	0.01
46577	<0.01	<0.01	0.25	0.07	0.008	1.13	8.61	0.02
46578	<0.01	<0.01	0.55	0.08	0.008	0.81	6.79	0.03
46579	<0.01	<0.01	0.12	0.01	<0.001	0.19	6.33	0.05
46580	<0.01	<0.01	0.16	0.01	<0.001	0.22	4.52	0.04
46581	<0.01	<0.01	0.12	0.01	<0.001	0.19	4.96	0.04
46582	<0.01	<0.01	0.17	0.01	<0.001	0.23	4.9	0.04
46583	<0.01	<0.01	0.18	<0.01	<0.001	0.21	5.03	0.05
46584	<0.01	<0.01	0.18	0.01	<0.001	0.25	5.13	0.04
46585	<0.01	<0.01	0.6	0.06	0.009	0.63	4.36	0.02
46586	<0.01	<0.01	0.46	0.06	0.008	0.57	4.94	0.02
46587	0.01	<0.01	0.18	0.02	0.005	0.29	2.05	<0.01
46588	<0.01	0.02	0.18	<0.01	0.002	0.2	0.73	<0.01
46589	<0.01	<0.01	0.13	0.01	<0.001	0.23	5.64	0.04
46590	<0.01	<0.01	0.27	0.01	<0.001	0.29	5.9	0.05
46591	<0.01	<0.01	0.3	0.02	0.004	0.32	4.42	0.04
46592	<0.01	<0.01	0.55	0.13	0.017	0.69	8.51	0.06
46593	<0.01	<0.01	0.49	0.08	0.016	0.78	8.7	0.06
46594	<0.01	<0.01	0.92	0.07	0.016	1.04	8.7	0.06
46595	<0.01	<0.01	0.63	0.1	0.023	0.93	8.23	0.04
46596	<0.01	<0.01	0.53	0.04	0.027	0.87	5.85	0.03
46597	<0.01	<0.01	0.3	0.03	0.027	0.95	5.08	0.02
46598	<0.01	<0.01	0.21	0.03	0.027	1.01	5.58	0.02
46599	<0.01	<0.01	0.34	0.05	0.014	1.01	4.86	0.02
46600	<0.01	<0.01	0.24	0.07	0.016	1.09	7.72	0.03
46601	<0.01	<0.01	0.91	0.06	0.019	1.21	5.8	0.02
46602	<0.01	<0.01	0.46	0.08	0.023	1.62	6.75	0.02
46603	<0.01	<0.01	0.39	0.16	0.015	1.28	8.29	0.02
46604	0.04	<0.01	0.08	0.01	0.005	0.31	3.39	0.02
46605	<0.01	<0.01	0.23	0.09	0.014	1.04	7.52	0.04
46606	<0.01	<0.01	0.5	0.08	0.018	1.08	7.77	0.04
46607	<0.01	<0.01	0.28	0.1	0.016	1.18	7.39	0.1
46608	<0.01	<0.01	0.23	0.07	0.015	1.02	8.2	0.02
46609	<0.01	<0.01	0.19	0.06	0.014	0.97	8.71	0.03
46610	<0.01	<0.01	0.2	0.05	0.017	1.12	6.46	0.02
46611	<0.01	<0.01	0.35	0.06	0.011	1.25	5.65	0.01
46612	<0.01	<0.01	0.23	0.03	0.011	0.95	3.92	0.01
46613	<0.01	<0.01	0.4	0.14	0.012	0.74	8.91	0.05
46614	<0.01	<0.01	0.32	0.04	0.012	0.88	5.65	0.03
46615	<0.01	<0.01	0.39	0.03	0.009	0.86	3.93	0.02
46616	<0.01	<0.01	0.44	0.04	0.008	0.85	4.51	0.02
46617	<0.01	<0.01	0.46	0.07	0.011	0.9	8.22	0.06
46618	<0.01	<0.01	0.55	0.06	0.013	0.92	5.45	0.03

p26	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46619	<0.01	<0.01	0.35	0.08	0.012	0.97	7.94	0.04
46620	<0.01	<0.01	0.5	0.07	0.01	1	4.48	0.01
46621	<0.01	<0.01	0.36	0.08	0.013	0.8	7.62	0.04
46622	<0.01	<0.01	0.18	0.04	0.012	0.89	7.36	0.04
46623	<0.01	<0.01	0.25	0.05	0.018	1.1	6.35	0.02
46624	<0.01	<0.01	0.08	0.02	0.013	0.92	7.77	0.03
46625	<0.01	<0.01	0.3	0.04	0.013	0.76	4.43	0.02
46626	<0.01	<0.01	0.29	0.06	0.018	1.02	7.83	0.02
46627	<0.01	<0.01	0.45	0.04	0.018	1.2	4.97	<0.01
46628	<0.01	<0.01	0.46	0.14	0.013	0.96	8.92	0.02
46629	<0.01	<0.01	0.49	0.06	0.015	1.18	6.19	0.01
46630	<0.01	<0.01	0.33	0.05	0.017	1.03	7.12	0.02
46631	<0.01	<0.01	1	0.07	0.014	1.32	7.28	0.03
46632	<0.01	<0.01	0.73	0.07	0.016	1.03	7.99	0.03
46633	<0.01	<0.01	0.65	0.06	0.014	1.09	7.76	0.03
46634	<0.01	<0.01	0.39	0.07	0.017	1.05	8.03	0.02
46635	<0.01	<0.01	0.49	0.15	0.013	1.02	8.81	0.03
46636	<0.01	<0.01	0.48	0.05	0.016	1.12	6.33	0.01
46637	<0.01	<0.01	1.39	0.04	0.014	1.36	5.2	0.04
46638	<0.01	<0.01	0.6	0.08	0.017	1.22	8.51	0.05
46639	<0.01	<0.01	0.4	0.08	0.02	1.02	7.01	0.08
46640	<0.01	<0.01	0.73	0.07	0.019	0.93	6.18	0.05
46641	<0.01	<0.01	0.95	0.05	0.013	0.87	6.53	0.05
46642	<0.01	<0.01	0.48	0.06	0.02	1.12	5.76	0.03
46643	<0.01	<0.01	0.25	0.09	0.016	1.44	7.94	0.04
46644	<0.01	<0.01	0.43	0.07	0.017	1.11	8.31	0.04
46645	<0.01	<0.01	0.18	0.05	0.015	1	8.3	0.05
46646	<0.01	<0.01	0.28	0.07	0.028	1.25	7.23	0.02
46647	<0.01	<0.01	1.04	0.04	0.01	1.05	4.03	<0.01
46648	<0.01	<0.01	0.25	0.03	0.009	0.86	3.73	<0.01
46649	<0.01	<0.01	1.09	0.1	0.011	1.09	10.08	0.06
46650	<0.01	<0.01	0.54	0.05	0.011	0.84	5.65	0.03
46651	<0.01	<0.01	0.43	0.06	0.015	1.15	7.77	0.05
46652	<0.01	<0.01	0.45	0.07	0.018	1.06	6.44	0.05
46653	<0.01	<0.01	0.52	0.07	0.022	0.94	7.11	0.06
46654	<0.01	<0.01	0.82	0.09	0.015	1.39	9.06	0.1
46655	<0.01	<0.01	0.37	0.12	0.014	1.4	9.34	0.17
46656	<0.01	<0.01	0.38	0.13	0.015	1.31	9.38	0.29
46657	<0.01	<0.01	0.34	0.06	0.022	1.4	8.98	0.45
46658	<0.01	<0.01	0.52	0.11	0.024	1.45	8.94	0.48
46659	<0.01	<0.01	0.26	0.07	0.018	1.25	7.95	0.43
46660	<0.01	<0.01	0.43	0.08	0.021	1.22	7.7	0.19
46661	<0.01	<0.01	0.35	0.09	0.019	1.06	6.46	0.06

p27	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46662	<0.01	<0.01	0.45	0.09	0.017	1.22	8.86	0.14
46663	<0.01	<0.01	0.35	0.06	0.017	1.29	8.67	0.19
46664	<0.01	<0.01	0.56	0.1	0.019	1.39	7.95	0.24
46665	<0.01	<0.01	0.72	0.07	0.017	1.24	8.49	0.11
46666	<0.01	<0.01	0.47	0.06	0.017	1.02	8.75	0.08
46667	<0.01	<0.01	0.24	0.03	0.016	0.93	8.77	0.06
46668	<0.01	<0.01	0.89	0.06	0.017	0.85	8.39	0.06
46669	<0.01	<0.01	0.4	0.1	0.019	1.15	8.59	0.04
46670	<0.01	<0.01	0.32	0.05	0.007	0.85	6.29	0.02
46671	<0.01	<0.01	0.23	0.06	0.017	1.07	8.41	0.04
46672	<0.01	<0.01	0.27	0.09	0.016	1.06	8.7	0.05
46673	<0.01	<0.01	0.23	0.06	0.016	1.04	8.66	0.05
46674	<0.01	<0.01	0.48	0.12	0.02	1.11	7.71	0.04
46675	<0.01	<0.01	0.26	0.07	0.027	1.16	8.58	0.05
46676	<0.01	<0.01	0.59	0.06	0.014	1	7.82	0.04
46677	<0.01	<0.01	0.27	0.07	0.026	1.16	6.21	0.02
46678	<0.01	<0.01	0.52	0.04	0.018	0.94	5.75	0.03
46679	<0.01	<0.01	0.45	0.04	0.02	0.87	5.3	0.03
46680	<0.01	<0.01	0.53	0.06	0.011	1.02	5.1	0.02
46681	<0.01	<0.01	1.52	0.06	0.013	1.03	5.23	0.04
46682	<0.01	<0.01	0.35	0.05	0.014	0.98	8.84	0.07
46683	<0.01	<0.01	0.58	0.03	0.017	0.67	5.86	0.04
46684	<0.01	<0.01	0.54	0.06	0.024	0.99	8.19	0.04
46685	<0.01	<0.01	0.41	0.08	0.017	1.29	9.17	0.05
46686	<0.01	<0.01	0.56	0.09	0.015	1.48	8.5	0.04
46687	<0.01	<0.01	0.38	0.06	0.018	1.18	9.7	0.06
46688	<0.01	<0.01	0.99	0.02	0.002	0.49	6.55	0.06
46689	<0.01	<0.01	0.3	0.03	0.018	0.47	7.87	0.07
46690	<0.01	<0.01	0.22	<0.01	<0.001	0.24	6	0.05
46691	<0.01	<0.01	1.32	<0.01	<0.001	0.48	6.5	0.07
46692	<0.01	<0.01	1.11	<0.01	<0.001	0.32	6.72	0.08
46693	<0.01	<0.01	2.36	0.06	0.019	1.28	7.09	0.05
46694	<0.01	<0.01	1.22	0.05	0.014	1.05	6.37	0.05
46695	<0.01	<0.01	0.41	0.04	0.014	0.7	4.86	0.04
46696	<0.01	<0.01	0.29	0.03	0.015	0.78	4.83	0.03
46697	<0.01	<0.01	0.6	0.03	0.018	0.82	4.92	0.04
46698	<0.01	<0.01	0.83	0.09	0.017	1.15	5.17	0.02
46699	<0.01	<0.01	1	0.09	0.012	1.06	4.9	0.03
46700	<0.01	<0.01	0.43	0.03	0.014	0.79	5.05	0.04
46701	<0.01	<0.01	0.51	0.04	0.019	0.88	4.74	0.03
46702	<0.01	<0.01	0.64	0.04	0.028	1.18	4.51	0.02
46703	<0.01	<0.01	0.38	0.06	0.016	1.19	8.39	0.06
46704	<0.01	<0.01	0.52	0.07	0.018	1.36	8.14	0.09

p28	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46705	<0.01	<0.01	0.67	0.08	0.019	1.45	8.55	0.16
46706	<0.01	<0.01	1.03	0.08	0.019	1.44	8.07	0.08
46707	<0.01	<0.01	0.6	0.08	0.017	1.11	8.65	0.07
46708	<0.01	<0.01	0.63	0.07	0.015	1.19	8.39	0.08
46709	<0.01	<0.01	0.37	0.06	0.013	1.12	9.08	0.12
46710	<0.01	<0.01	0.62	0.07	0.014	1.08	9.01	0.11
46711	<0.01	<0.01	0.66	0.06	0.015	0.88	9.22	0.13
46712	<0.01	<0.01	0.81	0.06	0.015	1.17	8.62	0.21
46713	<0.01	<0.01	0.46	0.09	0.017	1.09	7.5	0.24
46714	<0.01	<0.01	1.17	0.21	0.018	1.29	8.31	0.31
46715	<0.01	<0.01	0.39	0.12	0.015	1.32	8.02	0.39
46716	<0.01	<0.01	0.42	0.06	0.015	1.4	8.43	0.38
46717	<0.01	<0.01	0.26	0.06	0.013	1.4	8.75	0.49
46718	<0.01	<0.01	0.24	0.08	0.012	1.44	7.71	0.39
46719	<0.01	<0.01	0.65	0.09	0.013	1.28	7.07	0.27
46720	<0.01	<0.01	0.53	0.06	0.014	1.03	7.77	0.23
46721	<0.01	<0.01	0.37	0.06	0.012	1.1	7.69	0.19
46722	<0.01	<0.01	0.33	0.06	0.012	1.32	7.65	0.17
46723	<0.01	<0.01	0.23	0.05	0.012	1.15	8.19	0.21
46724	<0.01	<0.01	0.44	0.06	0.012	1.2	8.82	0.2
46725	<0.01	<0.01	0.65	0.1	0.014	1.53	8.98	0.17
46726	<0.01	<0.01	0.42	0.07	0.014	1.27	8.25	0.21
46727	<0.01	<0.01	0.27	0.05	0.014	1.09	8.49	0.17
46728	<0.01	<0.01	0.3	0.08	0.015	1.29	8.4	0.12
46729	<0.01	<0.01	0.53	0.12	0.016	1.27	8.22	0.17
46730	<0.01	<0.01	0.64	0.08	0.015	1.23	8.43	0.18
46731	<0.01	<0.01	0.59	0.12	0.016	1.23	9.38	0.41
46732	<0.01	<0.01	0.46	0.1	0.016	1.3	8.94	0.54
46733	<0.01	<0.01	0.47	0.08	0.016	1.28	10.1	0.65
46734	<0.01	<0.01	0.52	0.18	0.012	1.31	9.31	0.45
46735	<0.01	<0.01	0.6	0.09	0.015	1.3	8.45	0.07
46736	<0.01	<0.01	0.52	0.06	0.012	1.3	9.64	0.07
46737	<0.01	<0.01	0.38	0.1	0.014	1.34	8.45	0.48
46738	<0.01	<0.01	0.38	0.07	0.017	1.33	8.48	0.62
46739	<0.01	<0.01	0.39	0.09	0.017	1.28	8.23	0.61
46740	<0.01	<0.01	0.48	0.12	0.014	1.32	8.57	0.46
46741	<0.01	<0.01	0.24	0.06	0.014	1.26	8.57	0.29
46742	<0.01	<0.01	0.25	0.04	0.016	1.18	8.67	0.27
46743	<0.01	<0.01	0.24	0.05	0.016	1.18	8.08	0.38
46744	<0.01	<0.01	0.42	0.13	0.013	1.23	8.5	0.41
46745	<0.01	<0.01	0.46	0.09	0.013	1.31	7.68	0.4
46746	<0.01	<0.01	0.71	0.08	0.015	1.35	8.16	0.36
46747	<0.01	<0.01	1.54	0.12	0.015	1.32	8.66	0.29

p29	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46748	<0.01	<0.01	0.46	0.06	0.015	1.19	7.08	0.45
46749	<0.01	<0.01	0.39	0.06	0.013	1.3	8.49	0.49
46750	<0.01	<0.01	0.26	0.06	0.012	1.34	9.17	0.41
Pulp Duplicates								
46567	<0.01	<0.01	0.38	0.09	0.014	0.8	3.23	<0.01
46567								
46539	<0.01	<0.01	0.14	0.02	0.004	0.35	1.93	0.01
46539								
46575	<0.01	<0.01	0.36	0.06	0.01	0.92	6.51	0.02
46575								
46698	<0.01	<0.01	0.83	0.09	0.017	1.15	5.17	0.02
46698								
46632	<0.01	<0.01	0.73	0.07	0.016	1.03	7.99	0.03
46632								
46661	<0.01	<0.01	0.35	0.09	0.019	1.06	6.46	0.06
46661								
46740	<0.01	<0.01	0.48	0.12	0.014	1.32	8.57	0.46
46740								
46586	<0.01	<0.01	0.46	0.06	0.008	0.57	4.94	0.02
46586	<0.01	<0.01	0.45	0.06	0.008	0.56	4.81	0.02
46509	<0.01	<0.01	0.45	0.12	0.019	0.92	8.82	0.03
46509								
46539	<0.01	<0.01	0.14	0.02	0.004	0.35	1.93	0.01
46539	<0.01	<0.01	0.14	0.02	0.004	0.34	1.93	0.01
46674	<0.01	<0.01	0.48	0.12	0.02	1.11	7.71	0.04
46674	<0.01	<0.01	0.48	0.12	0.02	1.12	7.89	0.04
46691	<0.01	<0.01	1.32	<0.01	<0.001	0.48	6.5	0.07
46691	<0.01	<0.01	1.33	0.01	<0.001	0.48	6.62	0.06
46600	<0.01	<0.01	0.24	0.07	0.016	1.09	7.72	0.03
46600								
46646	<0.01	<0.01	0.28	0.07	0.028	1.25	7.23	0.02
46646	<0.01	<0.01	0.28	0.07	0.029	1.25	7.19	0.02
46680	<0.01	<0.01	0.53	0.06	0.011	1.02	5.1	0.02
46680								
46693	<0.01	<0.01	2.36	0.06	0.019	1.28	7.09	0.05
46693								
46734	<0.01	<0.01	0.52	0.18	0.012	1.31	9.31	0.45
46734	<0.01	<0.01	0.53	0.18	0.013	1.3	9.58	0.44
46560	<0.01	<0.01	0.22	0.04	0.006	0.43	2.31	<0.01
46560	<0.01	<0.01	0.23	0.04	0.006	0.43	2.32	<0.01
46643	<0.01	<0.01	0.25	0.09	0.016	1.44	7.94	0.04
46643								
46750	<0.01	<0.01	0.26	0.06	0.012	1.34	9.17	0.41

p30	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46750	<0.01	<0.01	0.27	0.05	0.012	1.38	9.81	0.4
46618	<0.01	<0.01	0.55	0.06	0.013	0.92	5.45	0.03
46618								
46571	<0.01	<0.01	0.17	0.04	0.023	0.64	5.47	0.01
46571								
46551	<0.01	<0.01	0.22	0.05	0.009	1.38	6.24	<0.01
46551								
46604	0.04	<0.01	0.08	0.01	0.005	0.31	3.39	0.02
46604								
46604	0.04	<0.01	0.08	0.01	0.005	0.31	3.39	0.02
46604								
paration Duplicates								Prep
46526	<0.01	<0.01	0.14	<0.01	<0.001	0.27	5.2	0.03
46526	<0.01	<0.01	0.14	<0.01	<0.001	0.27	5.19	0.03
46561	<0.01	<0.01	0.41	0.04	0.006	0.48	2.33	0.02
46561	<0.01	<0.01	0.41	0.04	0.007	0.49	2.3	0.02
46596	<0.01	<0.01	0.53	0.04	0.027	0.87	5.85	0.03
46596	<0.01	<0.01	0.51	0.04	0.027	0.85	5.56	0.03
46631	<0.01	<0.01	1	0.07	0.014	1.32	7.28	0.03
46631	<0.01	<0.01	1.22	0.06	0.014	1.48	6.82	0.03
46666	<0.01	<0.01	0.47	0.06	0.017	1.02	8.75	0.08
46666	<0.01	<0.01	0.48	0.05	0.018	1.03	8.86	0.07
46701	<0.01	<0.01	0.51	0.04	0.019	0.88	4.74	0.03
46701	<0.01	<0.01	0.5	0.03	0.02	0.88	4.74	0.03
46736	<0.01	<0.01	0.52	0.06	0.012	1.3	9.64	0.07
46736	<0.01	<0.01	0.52	0.06	0.012	1.25	8.94	0.08
ference Materials								Re
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4T	0.02	<0.01	2.2	0.05	0.019	1.44	3.96	0.95
STD OREAS131A	<0.01	<0.01	5.45	0.06	0.002	3.13	4.61	0.15

p31	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
STD SU-1B	<0.01	<0.01	2.27	0.08	0.03	1.84	4.44	1.77
STD R4T	0.02	<0.01	2.28	0.05	0.019	1.45	4.07	0.96
STD OREAS131A	<0.01	<0.01	5.5	0.06	0.003	3.17	4.63	0.16
STD SU-1B	<0.01	<0.01	2.25	0.06	0.031	1.79	4.37	1.72
STD R4A								
STD R4A								
STD OXH66								
STD OXK79								
STD R4T	0.02	<0.01	2.2	0.04	0.019	1.42	3.98	0.92
STD OREAS131A	<0.01	<0.01	5.42	0.06	0.002	3.17	4.69	0.16
STD SU-1B	<0.01	<0.01	2.26	0.06	0.032	1.83	4.47	1.73
STD R4T	0.02	<0.01	2.21	0.04	0.019	1.43	4	0.92
STD OREAS131A	<0.01	<0.01	5.37	0.05	0.002	3.13	4.64	0.15
STD SU-1B	<0.01	<0.01	2.26	0.06	0.032	1.81	4.45	1.73
STD R4T	0.02	<0.01	2.22	0.04	0.018	1.43	4.02	0.92
STD OREAS131A	<0.01	<0.01	5.44	0.05	0.003	3.18	4.7	0.16
STD SU-1B	<0.01	<0.01	2.26	0.06	0.031	1.82	4.46	1.74
STD OXH66								
STD OXK79								
STD R4A								
STD R4A								
STD R4T	0.02	<0.01	2.19	0.05	0.018	1.42	3.95	0.91
STD OREAS131A	<0.01	<0.01	5.22	0.06	0.003	3.09	4.57	0.15
STD SU-1B	<0.01	<0.01	2.24	0.06	0.032	1.81	4.44	1.7
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD R4T	0.02	<0.01	2.19	0.04	0.019	1.43	4	0.92
STD OREAS131A	<0.01	<0.01	5.28	0.05	0.003	3.14	4.63	0.15
STD SU-1B	<0.01	<0.01	2.26	0.06	0.031	1.82	4.45	1.72
STD R4T	0.02	<0.01	2.21	0.04	0.018	1.43	4.02	0.92
STD OREAS131A	<0.01	<0.01	5.3	0.05	0.002	3.17	4.69	0.15
STD SU-1B	<0.01	<0.01	2.22	0.06	0.03	1.81	4.42	1.69
STD OXH66								
STD OXK79								
STD CDN-ME-3								
STD AGPROOF								
STD R4T	<0.01	<0.01	2.18	0.04	0.018	1.45	3.83	0.94
STD OREAS131A	<0.01	<0.01	5.27	0.05	0.002	3.19	4.69	0.16
STD SU-1B	<0.01	<0.01	2.24	0.06	0.031	1.8	4.38	1.75
STD OXH66								
STD OXK79								

p32	7TD Sb % 0.01	7TD Bi % 0.01	7TD Ca % 0.01	7TD P % 0.01	7TD Cr % 0.001	7TD Mg % 0.01	7TD Al % 0.01	7TD Na % 0.01
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD SARM 71								
STD CZN-3								
STD CCU-1C								
STD PTC-1A								
STD OXH66								
STD OXK79								
STD CDN-ME-3								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								

p33	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
Prep Wash								
G1	<0.01	<0.01	2.46	0.08	<0.001	0.69	7.73	2.68
G1	<0.01	<0.01	2.53	0.08	0.001	0.7	8.01	2.72

YTICAL LABORATORIES LTD.
Client:
File Created:

p34	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
Sample					
46501	1.97	<0.01	1.72		
46502	1.47	<0.01	4.43		
46503	1.21	<0.01	5.67		
46504	1.71	<0.01	0.51		
46505	2.39	<0.01	0.21		
46506	1.34	<0.01	2.8		
46507	1.96	<0.01	6.19		
46508	2.06	<0.01	1.28		
46509	1.89	<0.01	0.55		
46510	2.52	<0.01	0.57		
46511	2.02	<0.01	0.76		
46512	1.52	<0.01	7.24		
46513	1.04	<0.01	2.74		
46514	1.15	<0.01	1.05		
46515	0.53	<0.01	18.54		
46516	1.32	<0.01	1.11		
46517	0.17	<0.01	20.46		
46518	0.03	<0.01	7.11		
46519	0.71	<0.01	11.56		
46520	0.1	<0.01	19.79		
46521	0.14	<0.01	18.89		
46522	0.2	<0.01	15.68		
46523	0.95	<0.01	10.21		
46524	1.47	<0.01	5.39		
46525	1.19	<0.01	9.5		
46526	1.24	<0.01	6.03		
46527	1	<0.01	1.19		
46528	0.32	<0.01	13.73		
46529	0.07	<0.01	20.59		
46530	0.21	<0.01	17.67		
46531	0.1	<0.01	20.74		
46532	1.3	<0.01	8.5		

p35	7TD	7TD	7TD	G6Gr	7TD.1
	K	W	S	Ag	Pb
	%	%	%	GM/T	%
	0.01	0.01	0.05	50	0.02
46533	1.78	<0.01	3.38		
46534	1.69	<0.01	5.02		
46535	1.76	<0.01	5.42		
46536	1.06	<0.01	1.31		
46537	1.02	<0.01	0.42		
46538	1.09	<0.01	7.86		
46539	0.13	<0.01	18.45		
46540	0.04	<0.01	17.86		
46541	0.04	<0.01	5.35		
46542	0.15	<0.01	6.74		
46543	1.6	<0.01	3.26		
46544	1.16	<0.01	0.39		
46545	1.18	<0.01	0.06		
46546	1.15	<0.01	0.97		
46547	0.48	<0.01	3.96		
46548	0.32	<0.01	1.94		
46549	0.01	<0.01	4.26		
46550	0.07	<0.01	3.03		
46551	<0.01	<0.01	2.75		
46552	0.38	<0.01	2.63		
46553	0.37	<0.01	1.35		
46554	1.64	<0.01	2.23		
46555	0.45	<0.01	2.63		
46556	<0.01	<0.01	10.34		
46557	<0.01	<0.01	6.69		
46558	<0.01	<0.01	11.39		
46559	<0.01	<0.01	10.54		
46560	<0.01	<0.01	7.85		
46561	0.01	<0.01	12.23		
46562	<0.01	<0.01	6.78		
46563	<0.01	<0.01	4.45		
46564	<0.01	<0.01	3.54		
46565	0.03	<0.01	3.2		
46566	<0.01	<0.01	3.28		
46567	<0.01	<0.01	9.19		
46568	0.16	<0.01	6.25		
46569	2.19	<0.01	1.15		
46570	1.15	<0.01	2.57		
46571	1.07	<0.01	1.89		
46572	1.74	<0.01	0.39		
46573	1.45	<0.01	0.25		
46574	1.03	<0.01	1.94		
46575	1.03	<0.01	1.68		

p36	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
46576	1.22	<0.01	3.75		
46577	1.59	<0.01	1.75		
46578	0.99	<0.01	4.21		
46579	2.86	<0.01	0.94		
46580	2.6	<0.01	0.78		
46581	2.54	<0.01	0.6		
46582	2.51	<0.01	1.32		
46583	2.67	<0.01	0.36		
46584	2.48	<0.01	0.39		
46585	0.41	<0.01	9.61		
46586	0.64	<0.01	8.36		
46587	0.19	<0.01	18.18		
46588	0.07	<0.01	19.42		
46589	2.48	<0.01	1.47		
46590	2.59	<0.01	0.67		
46591	1.27	<0.01	14.52		
46592	2.85	<0.01	0.72		
46593	2.92	<0.01	1.05		
46594	2.57	<0.01	0.14		
46595	2.3	<0.01	0.25		
46596	1.79	<0.01	0.59		
46597	1.3	<0.01	1.16		
46598	1.2	<0.01	0.68		
46599	1.01	<0.01	0.58		
46600	2.56	<0.01	0.27		
46601	1.39	<0.01	0.6		
46602	1.42	<0.01	1.03		
46603	2.24	<0.01	0.91		
46604	0.94	<0.01	15.6	453	24.15
46605	2.63	<0.01	0.77		
46606	2.23	<0.01	2.34		
46607	2.22	<0.01	0.06		
46608	2.25	<0.01	0.38		
46609	2.52	<0.01	1.98		
46610	1.55	<0.01	0.15		
46611	1.13	<0.01	0.07		
46612	0.11	<0.01	0.98		
46613	2.55	<0.01	0.06		
46614	0.81	<0.01	0.34		
46615	0.13	<0.01	0.53		
46616	0.34	<0.01	0.28		
46617	1.81	<0.01	0.32		
46618	1.11	<0.01	0.26		

p37	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
46619	1.75	<0.01	0.19		
46620	0.31	<0.01	0.17		
46621	1.63	<0.01	0.57		
46622	1.35	<0.01	0.38		
46623	1.06	<0.01	<0.05		
46624	1.58	<0.01	0.73		
46625	1.08	<0.01	0.3		
46626	1.58	<0.01	0.26		
46627	0.19	<0.01	0.71		
46628	2.07	<0.01	<0.05		
46629	0.98	<0.01	0.17		
46630	1.15	<0.01	1.37		
46631	1.28	<0.01	3.12		
46632	1.18	<0.01	0.09		
46633	1.27	<0.01	0.25		
46634	1.82	<0.01	0.06		
46635	1.64	<0.01	0.14		
46636	1.03	<0.01	0.36		
46637	0.93	<0.01	0.49		
46638	1.93	<0.01	<0.05		
46639	1.41	<0.01	0.09		
46640	1.04	<0.01	0.12		
46641	1.75	<0.01	4.61		
46642	1.21	<0.01	1.1		
46643	1.45	<0.01	<0.05		
46644	1.44	<0.01	1.33		
46645	1.49	<0.01	<0.05		
46646	1.26	<0.01	0.08		
46647	0.23	<0.01	0.96		
46648	0.08	<0.01	0.09		
46649	2.97	<0.01	0.3		
46650	1.32	<0.01	0.25		
46651	2.54	<0.01	0.11		
46652	1.79	<0.01	0.25		
46653	2.03	<0.01	0.97		
46654	2.15	<0.01	0.16		
46655	2.6	<0.01	0.08		
46656	2.42	<0.01	<0.05		
46657	2.03	<0.01	<0.05		
46658	1.85	<0.01	<0.05		
46659	2.09	<0.01	<0.05		
46660	2.1	<0.01	<0.05		
46661	1.78	<0.01	1.02		

p38	7TD	7TD	7TD	G6Gr	7TD.1
	K	W	S	Ag	Pb
	%	%	%	GM/T	%
	0.01	0.01	0.05	50	0.02
46662	2.55	<0.01	0.52		
46663	2.38	<0.01	<0.05		
46664	2.01	<0.01	<0.05		
46665	2.06	<0.01	<0.05		
46666	2.4	<0.01	<0.05		
46667	2.61	<0.01	<0.05		
46668	2.05	<0.01	0.93		
46669	2.12	<0.01	1.29		
46670	1.51	<0.01	8.46		
46671	2.36	<0.01	1.18		
46672	2.71	<0.01	0.52		
46673	2.69	<0.01	0.87		
46674	2.03	<0.01	2.62		
46675	2.42	<0.01	0.74		
46676	2.19	<0.01	7.52		
46677	1.37	<0.01	<0.05		
46678	1.31	<0.01	0.27		
46679	1.28	<0.01	0.05		
46680	0.91	<0.01	0.91		
46681	1.16	<0.01	0.49		
46682	2.84	<0.01	0.76		
46683	1.32	<0.01	2.57		
46684	1.96	<0.01	0.36		
46685	2.34	<0.01	0.07		
46686	1.99	<0.01	0.1		
46687	2.66	<0.01	0.16		
46688	2.28	<0.01	0.23		
46689	2.37	<0.01	0.92		
46690	2.56	<0.01	0.49		
46691	2.79	<0.01	0.12		
46692	2.9	<0.01	0.14		
46693	1.49	<0.01	0.06		
46694	1.17	<0.01	0.15		
46695	0.92	<0.01	0.37		
46696	0.83	<0.01	0.22		
46697	0.78	<0.01	0.52		
46698	0.42	<0.01	2.02		
46699	0.62	<0.01	1.43		
46700	0.79	<0.01	0.47		
46701	0.48	<0.01	1.1		
46702	0.32	<0.01	0.42		
46703	2.48	<0.01	<0.05		
46704	2.37	<0.01	<0.05		

p39	7TD	7TD	7TD	G6Gr	7TD.1
	K	W	S	Ag	Pb
	%	%	%	GM/T	%
	0.01	0.01	0.05	50	0.02
46705	2.31	<0.01	<0.05		
46706	2.1	<0.01	<0.05		
46707	2.29	<0.01	<0.05		
46708	2.24	<0.01	<0.05		
46709	2.6	<0.01	<0.05		
46710	2.68	<0.01	<0.05		
46711	2.45	<0.01	0.08		
46712	1.79	<0.01	0.08		
46713	1.78	<0.01	0.17		
46714	1.77	<0.01	1.25		
46715	1.98	<0.01	0.98		
46716	1.96	<0.01	1.09		
46717	2.06	<0.01	1.13		
46718	2.01	<0.01	0.42		
46719	1.47	<0.01	0.39		
46720	1.92	<0.01	<0.05		
46721	2.22	<0.01	0.19		
46722	1.97	<0.01	0.32		
46723	2.5	<0.01	<0.05		
46724	2.41	<0.01	0.21		
46725	2.12	<0.01	0.37		
46726	2.2	<0.01	0.4		
46727	2.38	<0.01	<0.05		
46728	1.88	<0.01	0.21		
46729	2.2	<0.01	0.13		
46730	2.04	<0.01	0.32		
46731	1.66	<0.01	0.15		
46732	1.59	<0.01	0.05		
46733	1.74	<0.01	<0.05		
46734	1.74	<0.01	0.39		
46735	2.32	<0.01	<0.05		
46736	2.72	<0.01	<0.05		
46737	1.69	<0.01	0.13		
46738	1.55	<0.01	<0.05		
46739	1.55	<0.01	<0.05		
46740	1.66	<0.01	<0.05		
46741	2.13	<0.01	<0.05		
46742	2.28	<0.01	<0.05		
46743	2.28	<0.01	0.05		
46744	2.14	<0.01	0.1		
46745	1.96	<0.01	0.05		
46746	1.89	<0.01	0.06		
46747	1.92	<0.01	<0.05		

p40	7TD	7TD	7TD	G6Gr	7TD.1
	K	W	S	Ag	Pb
	%	%	%	GM/T	%
	0.01	0.01	0.05	50	0.02
46748	1.9	<0.01	<0.05		
46749	2	<0.01	<0.05		
46750	2.24	<0.01	<0.05		
Pulp Duplicates					
46567	<0.01	<0.01	9.19		
46567					
46539	0.13	<0.01	18.45		
46539					
46575	1.03	<0.01	1.68		
46575					
46698	0.42	<0.01	2.02		
46698					
46632	1.18	<0.01	0.09		
46632					
46661	1.78	<0.01	1.02		
46661					
46740	1.66	<0.01	<0.05		
46740					
46586	0.64	<0.01	8.36		
46586	0.63	<0.01	8.09		
46509	1.89	<0.01	0.55		
46509					
46539	0.13	<0.01	18.45		
46539	0.13	<0.01	18.12		
46674	2.03	<0.01	2.62		
46674	2.06	<0.01	2.66		
46691	2.79	<0.01	0.12		
46691	2.79	<0.01	0.11		
46600	2.56	<0.01	0.27		
46600					
46646	1.26	<0.01	0.08		
46646	1.23	<0.01	0.08		
46680	0.91	<0.01	0.91		
46680					
46693	1.49	<0.01	0.06		
46693					
46734	1.74	<0.01	0.39		
46734	1.74	<0.01	0.39		
46560	<0.01	<0.01	7.85		
46560	<0.01	<0.01	7.7		
46643	1.45	<0.01	<0.05		
46643					
46750	2.24	<0.01	<0.05		

p41	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
46750	2.23	<0.01	<0.05		
46618	1.11	<0.01	0.26		
46618					
46571	1.07	<0.01	1.89		
46571					
46551	<0.01	<0.01	2.75		
46551					
46604	0.94	<0.01	15.6	453	24.15
46604					24.34
46604	0.94	<0.01	15.6	453	24.15
46604				456	
oaration Duplicates					
46526	1.24	<0.01	6.03		
46526	1.3	<0.01	5.63		
46561	0.01	<0.01	12.23		
46561	<0.01	<0.01	12.34		
46596	1.79	<0.01	0.59		
46596	1.78	<0.01	0.52		
46631	1.28	<0.01	3.12		
46631	1.11	<0.01	3.87		
46666	2.4	<0.01	<0.05		
46666	2.42	<0.01	<0.05		
46701	0.48	<0.01	1.1		
46701	0.47	<0.01	1.05		
46736	2.72	<0.01	<0.05		
46736	2.63	<0.01	<0.05		
ference Materials					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4A					
STD R4T	1.21	<0.01	12.78		
STD OREAS131A	3.45	<0.01	4.86		

p42	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
STD SU-1B	0.64	<0.01	10.5		
STD R4T	1.21	<0.01	12.37		
STD OREAS131A	3.5	<0.01	4.99		
STD SU-1B	0.63	<0.01	8.55		
STD R4A					
STD R4A					
STD OXH66					
STD OXK79					
STD R4T	1.11	<0.01	11.91		
STD OREAS131A	2.99	<0.01	4.85		
STD SU-1B	0.63	<0.01	8.87		
STD R4T	1.19	<0.01	12.23		
STD OREAS131A	3.4	<0.01	4.87		
STD SU-1B	0.63	<0.01	8.45		
STD R4T	1.19	<0.01	13.38		
STD OREAS131A	3.46	<0.01	4.92		
STD SU-1B	0.63	<0.01	9.13		
STD OXH66					
STD OXK79					
STD R4A					
STD R4A					
STD R4T	1.14	<0.01	12.29		
STD OREAS131A	3.24	<0.01	4.8		
STD SU-1B	0.61	<0.01	9.37		
STD OXH66					
STD OXK79					
STD OXH66					
STD OXK79					
STD R4T	1.19	<0.01	12.03		
STD OREAS131A	3.39	<0.01	4.73		
STD SU-1B	0.62	<0.01	8.82		
STD R4T	1.13	<0.01	12.56		
STD OREAS131A	3.4	<0.01	4.75		
STD SU-1B	0.6	<0.01	9.64		
STD OXH66					
STD OXK79					
STD CDN-ME-3				284	
STD AGPROOF				93	
STD R4T	1.15	<0.01	11.85		
STD OREAS131A	3.35	<0.01	4.67		
STD SU-1B	0.73	<0.01	8.35		
STD OXH66					
STD OXK79					

p43	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
STD OXH66					
STD OXK79					
STD OXH66					
STD OXK79					
STD SARM 71					<0.02
STD CZN-3					0.05
STD CCU-1C					0.33
STD PTC-1A					<0.02
STD OXH66					
STD OXK79					
STD CDN-ME-3				263	
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK					
BLK	<0.01	<0.01	<0.05		
BLK	<0.01	<0.01	<0.05		
BLK					
BLK					
BLK					
BLK	<0.01	<0.01	<0.05		
BLK	<0.01	<0.01	<0.05		
BLK	<0.01	<0.01	<0.05		
BLK					
BLK					
BLK					
BLK	<0.01	<0.01	<0.05		
BLK					
BLK					
BLK					
BLK					
BLK	<0.01	<0.01	<0.05		
BLK	<0.01	<0.01	<0.05		
BLK					
BLK					
BLK				<50	
BLK				<50	
BLK	<0.01	<0.01	<0.05		
BLK					
BLK					

	7TD K %	7TD W %	7TD S %	G6Gr Ag GM/T	7TD.1 Pb %
	0.01	0.01	0.05	50	0.02
BLK					
BLK					
BLK					
BLK					
BLK					<0.02
BLK					
BLK					
BLK				<50	
Prep Wash					
G1	3.14	<0.01	<0.05		
G1	3.06	<0.01	<0.05		

ACME ANALYTICAL LABORATORIES LTD. Final Report
Client: nrock Enterprises Inc.
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P.O. Number:
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p45	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
Sample	Type							
46751	Drill Core	5.05	<0.005	<2	<0.001	0.006	<0.02	<0.01
46752	Drill Core	4.67	<0.005	<2	<0.001	0.005	<0.02	0.01
46753	Drill Core	4.19	<0.005	<2	<0.001	0.006	<0.02	<0.01
46754	Drill Core	3.25	0.005	<2	<0.001	0.005	<0.02	<0.01
46755	Drill Core	5.26	0.007	<2	<0.001	0.006	<0.02	0.01
46756	Drill Core	6.29	0.007	<2	<0.001	0.006	<0.02	0.01
46757	Drill Core	5.33	<0.005	<2	<0.001	0.007	<0.02	0.02
46758	Drill Core	5.22	0.005	<2	<0.001	0.005	<0.02	<0.01
46759	Drill Core	5.33	<0.005	<2	<0.001	0.006	<0.02	<0.01
46760	Drill Core	5.42	<0.005	<2	<0.001	0.007	<0.02	0.01
46761	Drill Core	2.46	<0.005	<2	<0.001	0.003	<0.02	0.01
46762	Drill Core	5.62	<0.005	<2	<0.001	0.007	<0.02	0.01
46763	Drill Core	5.47	<0.005	<2	<0.001	0.007	<0.02	0.02
46764	Drill Core	4.05	<0.005	<2	<0.001	0.006	<0.02	0.01
46765	Drill Core	5.68	0.009	<2	<0.001	0.006	<0.02	0.01
46766	Drill Core	5.04	<0.005	<2	<0.001	0.005	<0.02	<0.01
46767	Drill Core	5.41	<0.005	<2	<0.001	0.005	<0.02	0.02
46768	Drill Core	5.08	<0.005	<2	<0.001	0.006	<0.02	0.02
46769	Drill Core	5.21	<0.005	<2	<0.001	0.007	<0.02	0.01
46770	Drill Core	5.62	0.006	<2	<0.001	0.007	<0.02	0.01
46771	Drill Core	4.49	0.005	<2	<0.001	0.007	<0.02	0.01
46772	Drill Core	4.27	<0.005	<2	<0.001	0.007	<0.02	<0.01
46773	Drill Core	3.65	<0.005	<2	<0.001	0.007	<0.02	0.01
46774	Drill Core	5.31	0.007	<2	<0.001	0.006	<0.02	0.01
46775	Drill Core	5.25	<0.005	<2	<0.001	0.007	<0.02	0.01
46776	Drill Core	5.23	<0.005	<2	<0.001	0.006	<0.02	<0.01
46777	Drill Core	5.59	<0.005	<2	<0.001	0.006	<0.02	<0.01
46778	Drill Core	4.77	<0.005	<2	<0.001	0.005	<0.02	0.01
46779	Drill Core	6.08	<0.005	<2	<0.001	0.007	<0.02	0.02
46780	Drill Core	5.01	<0.005	<2	<0.001	0.006	<0.02	<0.01
46781	Drill Core	4.69	<0.005	<2	<0.001	0.007	<0.02	0.01
46782	Drill Core	4.1	<0.005	<2	<0.001	0.007	<0.02	<0.01

p46	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46783	Drill Core	4.66	<0.005	<2	<0.001	0.007	<0.02	0.01
46784	Drill Core	2.28	<0.005	<2	<0.001	0.007	<0.02	0.02
46785	Drill Core	1.83	<0.005	<2	<0.001	0.007	<0.02	0.01
46786	Drill Core	5.23	<0.005	<2	<0.001	0.007	<0.02	0.02
46787	Drill Core	5.05	<0.005	<2	<0.001	0.007	<0.02	0.02
46788	Drill Core	3.83	0.005	<2	<0.001	0.007	<0.02	0.01
46789	Drill Core	5.3	<0.005	<2	<0.001	0.007	<0.02	0.02
46790	Drill Core	4.58	<0.005	<2	<0.001	0.007	<0.02	0.01
46791	Drill Core	5.61	<0.005	<2	<0.001	0.007	<0.02	0.01
46792	Drill Core	4.98	0.007	<2	<0.001	0.007	<0.02	0.01
46793	Drill Core	4.44	0.01	<2	<0.001	0.007	<0.02	0.01
46794	Drill Core	6.01	0.007	<2	<0.001	0.007	<0.02	0.01
46795	Drill Core	6.53	<0.005	<2	<0.001	0.007	<0.02	0.01
46796	Drill Core	5.07	0.007	<2	<0.001	0.006	<0.02	0.01
46797	Drill Core	5.11	0.006	<2	<0.001	0.007	<0.02	0.01
46798	Drill Core	6	<0.005	<2	<0.001	0.007	<0.02	0.01
46799	Drill Core	7.61	<0.005	<2	<0.001	0.005	<0.02	0.01
46800	Drill Core	4.95	0.005	<2	<0.001	0.004	<0.02	<0.01
46801	Drill Core	2.06	<0.005	<2	<0.001	<0.001	<0.02	<0.01
46802	Drill Core	5.43	0.005	<2	<0.001	0.007	<0.02	0.01
46803	Drill Core	6.07	<0.005	<2	<0.001	0.007	<0.02	0.01
46804	Drill Core	6.15	<0.005	<2	<0.001	0.006	<0.02	<0.01
46805	Drill Core	5.3	<0.005	<2	<0.001	0.007	<0.02	0.01
46806	Drill Core	5.45	<0.005	<2	<0.001	0.006	<0.02	0.01
46807	Drill Core	5.85	<0.005	<2	<0.001	0.006	<0.02	0.02
46808	Drill Core	5.22	<0.005	<2	0.001	0.005	<0.02	0.01
46809	Drill Core	5.55	0.005	<2	<0.001	0.006	<0.02	0.01
46810	Drill Core	5.69	<0.005	<2	<0.001	0.007	<0.02	0.01
46811	Drill Core	5.45	<0.005	<2	<0.001	0.007	<0.02	0.02
46812	Drill Core	5.71	<0.005	<2	<0.001	0.007	<0.02	0.01
46813	Drill Core	6.33	0.007	<2	<0.001	0.007	<0.02	0.01
46814	Drill Core	5.47	<0.005	<2	<0.001	0.007	<0.02	0.02
46815	Drill Core	6.03	<0.005	<2	<0.001	0.009	<0.02	0.13
46816	Drill Core	5.79	0.005	<2	<0.001	0.006	<0.02	<0.01
46817	Drill Core	5.31	<0.005	<2	<0.001	0.007	<0.02	0.02
46818	Drill Core	4.97	0.014	<2	<0.001	0.007	<0.02	0.02
46819	Drill Core	5.16	0.006	<2	<0.001	0.003	<0.02	0.03
46820	Drill Core	5.07	<0.005	<2	<0.001	0.001	<0.02	<0.01
46821	Drill Core	5.43	<0.005	<2	<0.001	0.005	<0.02	0.01
46822	Drill Core	5.14	<0.005	<2	<0.001	0.007	<0.02	0.03
46823	Drill Core	3.92	<0.005	<2	<0.001	0.004	<0.02	0.03
46824	Drill Core	1.48	0.029	6	<0.001	0.005	0.16	0.23
46825	Drill Core	4.77	<0.005	3	<0.001	0.008	<0.02	0.01

p47	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46826	Drill Core	4.98	<0.005	3	<0.001	0.01	<0.02	0.01
46827	Drill Core	4.78	<0.005	<2	<0.001	0.008	<0.02	<0.01
46828	Drill Core	4.86	<0.005	<2	<0.001	0.006	<0.02	<0.01
46829	Drill Core	4.79	<0.005	<2	<0.001	0.007	<0.02	<0.01
46830	Drill Core	5.03	<0.005	<2	<0.001	0.007	<0.02	<0.01
46831	Drill Core	5.16	<0.005	2	<0.001	0.008	<0.02	<0.01
46832	Drill Core	5.23	<0.005	<2	<0.001	0.006	<0.02	<0.01
46833	Drill Core	2.12	0.005	<2	<0.001	0.007	<0.02	<0.01
46834	Drill Core	7.87	<0.005	2	<0.001	0.008	<0.02	0.02
46835	Drill Core	4.71	<0.005	2	<0.001	0.006	<0.02	0.03
46836	Drill Core	5.18	<0.005	2	<0.001	0.008	<0.02	<0.01
46837	Drill Core	4.97	<0.005	<2	<0.001	0.006	<0.02	0.03
46838	Drill Core	4.86	0.006	<2	<0.001	0.006	<0.02	<0.01
46839	Drill Core	5.63	0.013	3	<0.001	0.009	<0.02	0.02
46840	Drill Core	4.85	<0.005	2	<0.001	0.009	<0.02	0.02
46841	Drill Core	5.75	<0.005	<2	<0.001	0.009	<0.02	0.03
46842	Drill Core	4.36	<0.005	<2	<0.001	0.007	<0.02	<0.01
46843	Drill Core	2.15	<0.005	<2	<0.001	0.008	<0.02	<0.01
46844	Drill Core	4.59	0.019	3	<0.001	0.008	<0.02	0.18
46845	Drill Core	6.47	0.033	3	<0.001	0.007	0.06	0.2
46846	Drill Core	7.11	0.02	<2	<0.001	0.002	0.05	0.14
46847	Drill Core	5.04	0.006	<2	<0.001	0.006	<0.02	0.03
46848	Drill Core	5.98	<0.005	<2	<0.001	0.005	<0.02	0.02
46849	Drill Core	5.72	0.01	<2	<0.001	0.007	<0.02	0.02
46850	Drill Core	5.61	0.01	<2	<0.001	0.007	<0.02	0.02
46851	Drill Core	5.93	0.008	<2	<0.001	0.007	<0.02	0.02
46852	Drill Core	5.66	0.008	<2	<0.001	0.007	<0.02	0.02
46853	Drill Core	5.6	0.009	<2	<0.001	0.007	<0.02	0.01
46854	Drill Core	5.74	0.005	<2	<0.001	0.007	<0.02	0.02
46855	Drill Core	5.06	<0.005	<2	<0.001	0.007	<0.02	0.01
46856	Drill Core	5.73	<0.005	<2	<0.001	0.007	<0.02	0.02
46857	Drill Core	5.41	<0.005	<2	<0.001	0.007	<0.02	0.02
46858	Drill Core	5.28	<0.005	<2	<0.001	0.006	<0.02	0.02
46859	Drill Core	5.15	<0.005	<2	<0.001	0.006	<0.02	0.02
46860	Drill Core	4.57	<0.005	<2	<0.001	0.005	<0.02	0.08
46861	Drill Core	4.7	0.006	<2	<0.001	0.006	0.03	0.05
46862	Drill Core	5.3	0.009	<2	<0.001	0.006	<0.02	0.03
46863	Drill Core	4.47	0.04	<2	<0.001	0.01	<0.02	0.22
46864	Drill Core	1.94	0.273	2	<0.001	0.011	<0.02	0.22
46865	Drill Core	4.2	0.057	<2	<0.001	0.005	<0.02	0.02
46866	Drill Core	5.13	0.012	<2	<0.001	0.007	<0.02	0.02
46867	Drill Core	5.25	0.011	<2	<0.001	0.006	<0.02	0.03
46868	Drill Core	5.73	0.005	<2	<0.001	0.006	<0.02	<0.01

p48	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46869	Drill Core	5.15	<0.005	3	<0.001	0.007	<0.02	0.02
46870	Drill Core	5.16	<0.005	3	<0.001	0.009	<0.02	0.03
46871	Drill Core	5.61	<0.005	4	<0.001	0.01	<0.02	0.02
46872	Drill Core	5.37	0.006	<2	<0.001	0.007	<0.02	<0.01
46873	Drill Core	4.88	0.006	<2	<0.001	0.008	<0.02	<0.01
46874	Drill Core	5.31	0.007	2	<0.001	0.009	<0.02	0.02
46875	Drill Core	4.88	0.008	2	<0.001	0.007	<0.02	0.03
46876	Drill Core	5.33	<0.005	<2	0.001	0.007	<0.02	0.02
46877	Drill Core	5.29	0.005	3	<0.001	0.01	<0.02	0.02
46878	Drill Core	5.28	<0.005	<2	<0.001	0.007	<0.02	0.01
46879	Drill Core	4.6	<0.005	<2	<0.001	0.006	<0.02	0.02
46880	Drill Core	1.1	<0.005	2	<0.001	0.005	<0.02	0.01
46881	Drill Core	2.21	0.03	12	<0.001	0.009	0.25	0.58
46882	Drill Core	5.08	0.064	24	<0.001	0.01	0.81	2.17
46883	Drill Core	5.12	0.011	4	<0.001	0.005	0.07	0.08
46884	Drill Core	4.81	0.007	4	<0.001	0.007	0.07	0.09
46885	Drill Core	5.14	0.006	4	<0.001	0.008	0.07	0.13
46886	Drill Core	4.87	0.012	2	<0.001	0.007	<0.02	0.02
46887	Drill Core	5.03	0.009	<2	<0.001	0.008	<0.02	0.04
46888	Drill Core	5.61	0.006	4	<0.001	0.006	<0.02	0.04
46889	Drill Core	5.41	0.006	3	<0.001	0.006	<0.02	0.02
46890	Drill Core	6.27	0.006	<2	<0.001	0.005	<0.02	0.01
46891	Drill Core	1.65	0.014	2	<0.001	0.006	<0.02	0.02
46892	Drill Core	4.47	0.006	3	<0.001	0.006	<0.02	0.03
46893	Drill Core	2.31	0.006	2	<0.001	0.006	<0.02	0.01
46894	Drill Core	7.42	0.006	<2	<0.001	0.005	<0.02	0.03
46895	Drill Core	1.93	0.007	<2	<0.001	0.008	<0.02	0.02
46896	Drill Core	7	0.006	<2	<0.001	0.005	<0.02	0.01
46897	Drill Core	3.05	<0.005	<2	<0.001	0.003	<0.02	0.01
46898	Drill Core	2.74	0.011	<2	<0.001	0.004	<0.02	0.02
46899	Drill Core	5.48	<0.005	2	<0.001	0.006	<0.02	0.01
46900	Drill Core	4.75	<0.005	<2	<0.001	0.006	<0.02	0.02
46901	Drill Core	5.11	<0.005	<2	<0.001	0.005	<0.02	0.03
46902	Drill Core	4.04	<0.005	<2	<0.001	0.01	<0.02	<0.01
46903	Drill Core	5.32	<0.005	<2	<0.001	<0.001	<0.02	<0.01
46904	Drill Core	2.87	<0.005	<2	<0.001	<0.001	<0.02	<0.01
46905	Drill Core	5.2	<0.005	<2	<0.001	0.007	<0.02	0.02
46906	Drill Core	4.38	0.009	2	<0.001	0.007	<0.02	0.01
46907	Drill Core	4.92	0.011	<2	<0.001	0.006	<0.02	0.22
46908	Drill Core	5.35	0.048	<2	<0.001	0.005	<0.02	0.06
46909	Drill Core	3.91	0.007	4	<0.001	0.006	<0.02	0.54
46910	Drill Core	5.01	0.019	2	<0.001	0.003	<0.02	<0.01
46911	Drill Core	4.39	0.01	<2	<0.001	0.005	<0.02	<0.01

p49	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46912	Drill Core	4.59	<0.005	<2	<0.001	0.008	<0.02	0.01
46913	Drill Core	5.25	0.006	<2	<0.001	0.007	<0.02	0.01
46914	Drill Core	4.74	<0.005	<2	<0.001	0.003	<0.02	0.01
46915	Drill Core	5.73	<0.005	<2	<0.001	0.006	<0.02	<0.01
46916	Drill Core	4.7	<0.005	2	<0.001	0.006	<0.02	0.06
46917	Drill Core	4.69	<0.005	<2	<0.001	0.003	<0.02	<0.01
46918	Drill Core	4.99	0.008	<2	<0.001	0.005	<0.02	0.02
46919	Drill Core	4.26	<0.005	<2	<0.001	0.007	<0.02	<0.01
46920	Drill Core	4.8	<0.005	<2	<0.001	0.008	<0.02	0.02
46921	Drill Core	3.89	<0.005	<2	<0.001	0.008	<0.02	<0.01
46922	Drill Core	5.01	0.005	2	<0.001	0.008	<0.02	<0.01
46923	Drill Core	3.2	<0.005	<2	<0.001	0.008	<0.02	<0.01
46924	Drill Core	4.27	0.136	4	<0.001	0.04	0.02	0.33
46925	Drill Core	5.46	0.015	2	<0.001	0.018	0.06	0.03
46926	Drill Core	5.05	0.085	9	<0.001	0.077	<0.02	0.04
46927	Drill Core	6.62	0.027	<2	<0.001	0.01	<0.02	0.02
46928	Drill Core	5.19	<0.005	<2	<0.001	0.005	<0.02	<0.01
46929	Drill Core	2.97	<0.005	<2	<0.001	0.006	<0.02	0.01
46930	Drill Core	4.35	<0.005	<2	<0.001	0.006	<0.02	0.05
46931	Drill Core	4.3	0.012	<2	<0.001	0.006	<0.02	0.07
46932	Drill Core	3.89	<0.005	<2	<0.001	0.006	<0.02	0.01
46933	Drill Core	4.72	<0.005	<2	<0.001	0.008	<0.02	0.02
46934	Drill Core	6.27	<0.005	<2	<0.001	0.006	<0.02	0.02
46935	Drill Core	2.15	<0.005	<2	<0.001	0.005	<0.02	0.06
46936	Drill Core	4.5	0.007	<2	<0.001	0.006	0.05	0.24
46937	Drill Core	5.2	<0.005	<2	<0.001	0.006	0.07	0.04
46938	Drill Core	2.8	<0.005	<2	<0.001	0.008	<0.02	0.02
46939	Drill Core	3.17	<0.005	4	<0.001	0.007	0.03	0.17
46940	Drill Core	5.58	0.011	<2	<0.001	0.007	<0.02	0.02
46941	Drill Core	5.53	0.053	8	<0.001	0.014	0.27	0.02
46942	Drill Core	4.59	0.01	26	<0.001	0.012	0.17	0.49
46943	Drill Core	3.62	<0.005	3	<0.001	0.005	0.03	0.12
46944	Drill Core	3.81	<0.005	23	<0.001	0.005	0.03	0.02
46945	Drill Core	4.92	0.009	6	<0.001	0.035	<0.02	1.23
46946	Drill Core	4.91	<0.005	<2	<0.001	0.003	0.02	0.05
46947	Drill Core	4.81	<0.005	<2	<0.001	0.003	0.04	0.08
46948	Drill Core	4.81	<0.005	<2	<0.001	0.005	<0.02	0.01
46949	Drill Core	2.9	<0.005	<2	<0.001	0.002	<0.02	<0.01
46950	Drill Core	5.5	<0.005	<2	<0.001	0.003	<0.02	0.01
46951	Drill Core	5.32	<0.005	<2	<0.001	0.006	<0.02	0.02
46952	Drill Core	4.68	0.005	<2	<0.001	0.005	<0.02	0.01
46953	Drill Core	4.41	0.007	<2	<0.001	0.005	<0.02	0.08
46954	Drill Core	6.07	<0.005	<2	<0.001	0.008	<0.02	0.02

p50	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD	
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	
	Unit	KG	GM/T	GM/T	%	%	%	%	
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01	
46955	Drill Core	5.71	<0.005	<2	<0.001	0.006	<0.02	0.01	
46956	Drill Core	5.74	<0.005	<2	<0.001	0.004	<0.02	<0.01	
46957	Drill Core	6.2	<0.005	<2	<0.001	<0.001	<0.02	<0.01	
46958	Drill Core	4.24	<0.005	<2	<0.001	<0.001	<0.02	<0.01	
46959	Drill Core	2.36	<0.005	<2	<0.001	<0.001	<0.02	<0.01	
46960	Drill Core	4.66	<0.005	<2	<0.001	0.006	<0.02	<0.01	
46961	Drill Core	3.95	<0.005	<2	<0.001	0.005	<0.02	0.05	
46962	Drill Core	4.91	<0.005	<2	<0.001	<0.001	<0.02	<0.01	
46963	Drill Core	5.14	0.343	4	<0.001	0.016	<0.02	0.41	
46964	Drill Core	5.72	<0.005	<2	<0.001	0.012	<0.02	0.19	
46965	Drill Core	8.24	0.023	<2	<0.001	0.007	<0.02	0.02	
46966	Drill Core	5.84	<0.005	<2	<0.001	0.008	<0.02	0.03	
46967	Drill Core	3.92	<0.005	<2	<0.001	0.006	<0.02	0.15	
46968	Drill Core	7.47	0.057	<2	<0.001	0.01	<0.02	0.03	
46969	Drill Core	4.68	0.005	<2	<0.001	0.009	0.03	0.14	
46970	Drill Core	1.28	<0.005	<2	<0.001	0.008	<0.02	0.02	
46971	Drill Core	5.25	<0.005	<2	<0.001	0.007	<0.02	0.06	
46972	Drill Core	4.65	0.005	<2	<0.001	0.004	<0.02	0.25	
46973	Drill Core	4.34	<0.005	<2	<0.001	0.003	<0.02	0.22	
46974	Drill Core	6.03	0.019	4	<0.001	0.01	0.03	0.59	
46975	Drill Core	7.86	<0.005	4	<0.001	0.017	<0.02	0.75	
46976	Drill Core	2.49	<0.005	4	<0.001	0.018	<0.02	0.96	
46977	Drill Core	4.74	<0.005	5	<0.001	0.006	<0.02	0.3	
46978	Drill Core	5.97	<0.005	<2	<0.001	0.008	<0.02	<0.01	
46979	Drill Core	5.4	<0.005	<2	<0.001	0.006	<0.02	<0.01	
46980	Drill Core	5.16	0.009	<2	<0.001	0.008	<0.02	0.01	
46981	Drill Core	4.43	<0.005	<2	<0.001	0.002	<0.02	0.04	
46982	Drill Core	1.52	<0.005	<2	<0.001	0.007	<0.02	0.05	
46983	Drill Core	4.5	0.006	3	<0.001	0.005	<0.02	0.02	
46984	Drill Core	2.64	<0.005	3	<0.001	0.007	<0.02	0.05	
46985	Drill Core	2.84	<0.005	<2	<0.001	0.004	<0.02	<0.01	
46986	Drill Core	5.15	<0.005	<2	<0.001	0.004	<0.02	0.01	
Pulp Duplicates									P
46757	Drill Core	5.33	<0.005	<2	<0.001	0.007	<0.02	0.02	
46757	REP			<2					
46792	Drill Core	4.98	0.007	<2	<0.001	0.007	<0.02	0.01	
46792	REP			<2					
46883	Drill Core	5.12	0.011	4	<0.001	0.005	0.07	0.08	
46883	REP		0.007						
46958	Drill Core	4.24	<0.005	<2	<0.001	<0.001	<0.02	<0.01	
46958	REP			<2					
46821	Drill Core	5.43	<0.005	<2	<0.001	0.005	<0.02	0.01	
46821	REP			<2					

p51	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46885	Drill Core	5.14	0.006	4	<0.001	0.008	0.07	0.13
46885	REP			5				
46888	Drill Core	5.61	0.006	4	<0.001	0.006	<0.02	0.04
46888	REP				<0.001	0.006	<0.02	0.04
46979	Drill Core	5.4	<0.005	<2	<0.001	0.006	<0.02	<0.01
46979	REP		<0.005					
46965	Drill Core	8.24	0.023	<2	<0.001	0.007	<0.02	0.02
46965	REP			<2				
46824	Drill Core	1.48	0.029	6	<0.001	0.005	0.16	0.23
46824	REP				<0.001	0.005	0.17	0.23
46902	Drill Core	4.04	<0.005	<2	<0.001	0.01	<0.02	<0.01
46902	REP			3				
46754	Drill Core	3.25	0.005	<2	<0.001	0.005	<0.02	<0.01
46754	REP		0.005					
46754	Drill Core	3.25	0.005	<2	<0.001	0.005	<0.02	<0.01
46754	REP				<0.001	0.006	<0.02	<0.01
46807	Drill Core	5.85	<0.005	<2	<0.001	0.006	<0.02	0.02
46807	REP				<0.001	0.006	<0.02	0.01
46916	Drill Core	4.7	<0.005	2	<0.001	0.006	<0.02	0.06
46916	REP				<0.001	0.006	<0.02	0.06
46907	Drill Core	4.92	0.011	<2	<0.001	0.006	<0.02	0.22
46907	REP		0.01					
46914	Drill Core	4.74	<0.005	<2	<0.001	0.003	<0.02	0.01
46914	REP		<0.005					
46948	Drill Core	4.81	<0.005	<2	<0.001	0.005	<0.02	0.01
46948	REP		<0.005					
46778	Drill Core	4.77	<0.005	<2	<0.001	0.005	<0.02	0.01
46778	REP		<0.005					
46793	Drill Core	4.44	0.01	<2	<0.001	0.007	<0.02	0.01
46793	REP		0.007					
46870	Drill Core	5.16	<0.005	3	<0.001	0.009	<0.02	0.03
46870	REP				<0.001	0.009	<0.02	0.03
46975	Drill Core	7.86	<0.005	4	<0.001	0.017	<0.02	0.75
46975	REP				<0.001	0.017	<0.02	0.74
Preparation Duplicates								Prep
46778	Drill Core	4.77	<0.005	<2	<0.001	0.005	<0.02	0.01
46778	DUP		<0.005	<2	<0.001	0.005	<0.02	0.01
46813	Drill Core	6.33	0.007	<2	<0.001	0.007	<0.02	0.01
46813	DUP		<0.005	<2	<0.001	0.007	<0.02	0.02
46848	Drill Core	5.98	<0.005	<2	<0.001	0.005	<0.02	0.02
46848	DUP		0.006	<2	<0.001	0.006	<0.02	0.02
46883	Drill Core	5.12	0.011	4	<0.001	0.005	0.07	0.08
46883	DUP		0.006	4	<0.001	0.006	0.07	0.09

p52	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
46918	Drill Core	4.99	0.008	<2	<0.001	0.005	<0.02	0.02
46918	DUP		0.008	<2	<0.001	0.005	<0.02	0.02
46953	Drill Core	4.41	0.007	<2	<0.001	0.005	<0.02	0.08
46953	DUP		<0.005	<2	<0.001	0.005	<0.02	0.09
Reference Materials								Ref
STD R4A	STD			88				
STD R4A	STD			86				
STD R4A	STD			85				
STD R4A	STD			86				
STD OXH66	STD		1.324					
STD OXK79	STD		3.74					
STD R4A	STD			86				
STD R4A	STD			85				
STD R4A	STD			85				
STD R4A	STD			87				
STD R4A	STD			87				
STD R4A	STD			86				
STD R4T	STD				0.064	0.511	1.57	3.42
STD OREAS	STD				<0.001	0.033	1.74	2.88
STD SU-1B	STD				<0.001	1.188	<0.02	0.03
STD OXH66	STD		1.278					
STD R4A	STD			85				
STD R4A	STD			87				
STD R4T	STD				0.065	0.512	1.55	3.45
STD OREAS	STD				<0.001	0.032	1.72	2.9
STD SU-1B	STD				<0.001	1.192	<0.02	0.03
STD R4A	STD			88				
STD R4A	STD			87				
STD OXH66	STD		1.321					
STD OXK79	STD		3.529					
STD OXH66	STD		1.264					
STD OXK79	STD		3.567					
STD R4T	STD				0.063	0.507	1.58	3.52
STD OREAS	STD				<0.001	0.032	1.71	2.93
STD SU-1B	STD				<0.001	1.205	<0.02	0.03
STD R4T	STD				0.064	0.511	1.59	3.41
STD OREAS	STD				<0.001	0.032	1.76	2.88
STD SU-1B	STD				<0.001	1.197	<0.02	0.03
STD R4T	STD				0.064	0.517	1.58	3.52
STD OREAS	STD				<0.001	0.032	1.71	2.95
STD SU-1B	STD				<0.001	1.214	<0.02	0.02
STD OXH66	STD		1.26					
STD OXK79	STD		3.254					

p53	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
STD OXH66	STD		1.259					
STD OXK79	STD		3.507					
STD OXH66	STD		1.269					
STD OXK79	STD		3.507					
STD OXH66	STD		1.227					
STD OXK79	STD		3.512					
STD OXK79	STD		3.705					
STD R4T	STD				0.066	0.521	1.58	3.5
STD OREAS	STD				<0.001	0.032	1.7	2.91
STD SU-1B	STD				<0.001	1.185	<0.02	0.03
STD R4T	STD				0.065	0.515	1.58	3.48
STD OREAS	STD				<0.001	0.033	1.72	2.92
STD SU-1B	STD				<0.001	1.193	<0.02	0.03
STD R4T	STD				0.064	0.506	1.51	3.4
STD OREAS	STD				<0.001	0.032	1.67	2.86
STD SU-1B	STD				<0.001	1.214	<0.02	0.03
STD R4T	STD				0.065	0.512	1.58	3.4
STD OREAS	STD				<0.001	0.032	1.73	2.89
STD SU-1B	STD				0.001	1.206	<0.02	0.03
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK			<2				
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK		<0.005					
BLK	BLK			<2				
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK			<2				
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					

p54	Method	WGHT	G6	7AR	7TD	7TD	7TD	7TD
	Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn
	Unit	KG	GM/T	GM/T	%	%	%	%
	MDL	0.01	0.005	2	0.001	0.001	0.02	0.01
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK		<0.005					
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
BLK	BLK				<0.001	<0.001	<0.02	<0.01
Prep Wash								
G1	Prep Blank		<0.005	<2	<0.001	<0.001	<0.02	<0.01
G1	Prep Blank		<0.005	<2	<0.001	<0.001	<0.02	<0.01

p55	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
Sample								
46751	<2	0.011	0.002	0.12	5.17	<0.02	<0.01	<0.001
46752	<2	0.011	0.002	0.16	5.2	<0.02	<0.01	<0.001
46753	<2	0.012	0.002	0.11	5.34	<0.02	<0.01	<0.001
46754	<2	0.013	0.002	0.11	4.68	<0.02	<0.01	<0.001
46755	<2	0.013	0.002	0.23	4.91	<0.02	<0.01	<0.001
46756	<2	0.013	0.002	0.09	5.03	<0.02	<0.01	<0.001
46757	<2	0.015	0.003	0.09	5.35	<0.02	<0.01	<0.001
46758	<2	0.012	0.002	0.08	4.38	<0.02	<0.01	<0.001
46759	<2	0.014	0.002	0.16	5.16	<0.02	<0.01	<0.001
46760	<2	0.012	0.002	0.11	4.77	<0.02	<0.01	<0.001
46761	<2	0.01	0.002	0.15	4.29	<0.02	<0.01	<0.001
46762	<2	0.012	0.002	0.08	4.82	<0.02	<0.01	<0.001
46763	<2	0.013	0.002	0.11	5.56	<0.02	<0.01	<0.001
46764	<2	0.013	0.002	0.18	5.32	<0.02	<0.01	<0.001
46765	<2	0.012	0.002	0.18	4.94	<0.02	<0.01	<0.001
46766	<2	0.013	0.002	0.1	4.81	<0.02	0.01	<0.001
46767	<2	0.012	0.002	0.08	4.92	<0.02	<0.01	<0.001
46768	<2	0.011	0.002	0.08	4.7	<0.02	<0.01	<0.001
46769	<2	0.015	0.002	0.09	5.49	<0.02	<0.01	<0.001
46770	<2	0.013	0.002	0.07	5.16	<0.02	0.01	<0.001
46771	<2	0.015	0.002	0.08	5.76	<0.02	<0.01	<0.001
46772	<2	0.014	0.002	0.07	5.12	<0.02	0.01	<0.001
46773	<2	0.013	0.002	0.09	6.48	<0.02	0.01	0.001
46774	<2	0.009	0.002	0.16	5.26	<0.02	0.01	<0.001
46775	<2	0.019	0.003	0.09	6.02	<0.02	0.01	<0.001
46776	<2	0.01	0.002	0.07	5.1	<0.02	0.01	<0.001
46777	<2	0.014	0.002	0.09	6.35	<0.02	0.01	<0.001
46778	<2	0.011	0.002	0.12	5.57	<0.02	0.01	<0.001
46779	<2	0.011	0.002	0.1	5.08	<0.02	0.01	<0.001
46780	<2	0.01	0.002	0.07	4.58	<0.02	0.01	<0.001
46781	<2	0.012	0.002	0.06	4.68	<0.02	<0.01	<0.001
46782	<2	0.014	0.002	0.07	4.55	<0.02	0.01	<0.001

p56	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46783	<2	0.014	0.002	0.07	4.55	<0.02	0.01	0.002
46784	<2	0.013	0.002	0.08	5.19	<0.02	0.01	0.002
46785	<2	0.015	0.002	0.06	5.37	<0.02	<0.01	<0.001
46786	<2	0.016	0.003	0.12	6.39	<0.02	0.01	<0.001
46787	<2	0.015	0.003	0.09	5.89	<0.02	0.01	<0.001
46788	<2	0.015	0.002	0.09	5.34	<0.02	0.01	0.002
46789	<2	0.014	0.003	0.1	6.21	<0.02	0.01	<0.001
46790	<2	0.014	0.002	0.11	5.67	<0.02	0.01	<0.001
46791	<2	0.015	0.002	0.1	5.98	<0.02	0.01	<0.001
46792	<2	0.016	0.003	0.08	5.41	<0.02	0.01	<0.001
46793	<2	0.014	0.002	0.14	5.79	<0.02	0.01	<0.001
46794	<2	0.016	0.002	0.09	6.02	<0.02	<0.01	<0.001
46795	<2	0.014	0.002	0.11	5.51	<0.02	0.01	0.001
46796	<2	0.013	0.002	0.11	5.25	<0.02	0.01	0.002
46797	<2	0.013	0.002	0.09	5.47	<0.02	0.01	0.002
46798	<2	0.012	0.002	0.09	5.28	<0.02	0.01	0.002
46799	<2	0.011	0.002	0.1	5.06	<0.02	0.01	0.002
46800	<2	0.011	0.002	0.1	4.56	<0.02	<0.01	0.002
46801	<2	0.002	<0.001	0.01	0.51	<0.02	<0.01	0.002
46802	<2	0.013	0.002	0.07	4.77	<0.02	<0.01	0.002
46803	<2	0.013	0.002	0.09	5.22	<0.02	0.01	0.002
46804	<2	0.011	0.002	0.07	4.82	<0.02	<0.01	0.002
46805	<2	0.013	0.002	0.09	5.22	<0.02	0.01	0.002
46806	<2	0.013	0.002	0.09	4.85	<0.02	<0.01	0.002
46807	<2	0.014	0.002	0.11	5.35	<0.02	<0.01	0.001
46808	<2	0.012	0.002	0.09	4.95	<0.02	<0.01	0.002
46809	<2	0.012	0.002	0.1	5.15	<0.02	<0.01	<0.001
46810	<2	0.012	0.002	0.13	5.67	<0.02	<0.01	0.003
46811	<2	0.012	0.002	0.12	5.45	<0.02	<0.01	0.002
46812	<2	0.013	0.002	0.13	5.69	<0.02	<0.01	0.002
46813	<2	0.017	0.003	0.12	5.87	<0.02	<0.01	0.002
46814	<2	0.017	0.002	0.12	6.15	<0.02	<0.01	0.002
46815	<2	0.016	0.003	0.2	6.09	<0.02	<0.01	0.003
46816	<2	0.017	0.003	0.16	5.4	<0.02	<0.01	0.002
46817	<2	0.015	0.002	0.21	6.19	<0.02	<0.01	<0.001
46818	<2	0.016	0.002	0.19	6.63	<0.02	<0.01	<0.001
46819	<2	0.006	0.001	0.13	4.44	<0.02	<0.01	<0.001
46820	<2	0.003	<0.001	0.13	2.84	<0.02	0.01	<0.001
46821	<2	0.013	0.002	0.16	5.4	<0.02	<0.01	<0.001
46822	<2	0.013	0.002	0.2	6	<0.02	<0.01	<0.001
46823	<2	0.013	0.002	0.21	5.7	<0.02	<0.01	<0.001
46824	6	0.012	0.002	0.64	6.88	<0.02	<0.01	<0.001
46825	5	0.013	0.002	0.38	5.58	<0.02	<0.01	<0.001

p57	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46826	3	0.016	0.003	0.38	6.18	<0.02	<0.01	<0.001
46827	<2	0.014	0.002	0.28	4.88	<0.02	<0.01	<0.001
46828	<2	0.013	0.003	0.45	5.63	<0.02	<0.01	<0.001
46829	2	0.015	0.003	0.28	5.46	<0.02	<0.01	<0.001
46830	<2	0.012	0.002	0.26	5.41	<0.02	<0.01	<0.001
46831	<2	0.012	0.002	0.2	4.37	<0.02	<0.01	<0.001
46832	<2	0.012	0.002	0.24	5.19	<0.02	<0.01	<0.001
46833	2	0.013	0.003	0.24	5.34	<0.02	<0.01	<0.001
46834	2	0.013	0.003	0.29	5.76	<0.02	<0.01	<0.001
46835	2	0.014	0.003	0.3	5.49	<0.02	<0.01	<0.001
46836	2	0.013	0.002	0.32	6.02	<0.02	<0.01	<0.001
46837	<2	0.013	0.003	0.3	5.67	<0.02	<0.01	<0.001
46838	<2	0.012	0.003	0.27	4.8	<0.02	<0.01	<0.001
46839	3	0.017	0.004	0.52	7.8	<0.02	<0.01	<0.001
46840	2	0.013	0.002	0.41	6.23	<0.02	<0.01	<0.001
46841	<2	0.016	0.003	0.49	7.68	<0.02	<0.01	<0.001
46842	2	0.013	0.003	0.26	5.32	<0.02	<0.01	<0.001
46843	<2	0.014	0.003	0.27	5.75	<0.02	<0.01	<0.001
46844	4	0.01	0.002	0.33	7.66	<0.02	0.01	<0.001
46845	4	0.01	0.002	0.38	6.69	<0.02	<0.01	<0.001
46846	<2	0.003	<0.001	0.58	5.01	<0.02	<0.01	<0.001
46847	<2	0.013	0.002	0.13	5.28	<0.02	<0.01	<0.001
46848	<2	0.012	0.002	0.09	5.22	<0.02	<0.01	<0.001
46849	<2	0.013	0.002	0.09	5.76	<0.02	0.01	<0.001
46850	<2	0.012	0.002	0.11	5.79	<0.02	0.01	<0.001
46851	<2	0.014	0.003	0.12	5.75	<0.02	0.01	<0.001
46852	<2	0.013	0.002	0.13	5.93	<0.02	0.01	<0.001
46853	<2	0.015	0.002	0.09	4.87	<0.02	0.01	<0.001
46854	<2	0.014	0.002	0.11	6	<0.02	0.01	<0.001
46855	<2	0.014	0.002	0.1	5.13	<0.02	<0.01	<0.001
46856	<2	0.015	0.002	0.13	5.54	<0.02	<0.01	<0.001
46857	<2	0.016	0.002	0.13	6.19	<0.02	<0.01	<0.001
46858	<2	0.018	0.003	0.16	6.08	<0.02	<0.01	<0.001
46859	<2	0.021	0.003	0.18	5.99	<0.02	<0.01	<0.001
46860	<2	0.014	0.002	0.22	6.46	<0.02	<0.01	<0.001
46861	<2	0.015	0.002	0.18	6.41	<0.02	<0.01	<0.001
46862	<2	0.016	0.003	0.16	5.88	<0.02	<0.01	<0.001
46863	<2	0.017	0.003	0.23	7.14	<0.02	<0.01	0.001
46864	<2	0.016	0.002	0.39	7.34	<0.02	<0.01	0.001
46865	<2	0.013	0.002	0.29	6.76	<0.02	<0.01	<0.001
46866	<2	0.014	0.002	0.15	5.19	<0.02	<0.01	<0.001
46867	<2	0.012	0.002	0.43	5.96	<0.02	<0.01	<0.001
46868	<2	0.011	0.002	0.34	4.8	<0.02	<0.01	<0.001

p58	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46869	<2	0.012	0.002	0.46	7.23	<0.02	0.01	<0.001
46870	<2	0.015	0.002	0.4	6.84	<0.02	<0.01	<0.001
46871	2	0.015	0.002	0.4	7.22	<0.02	<0.01	<0.001
46872	<2	0.012	0.002	0.23	4.73	<0.02	<0.01	<0.001
46873	<2	0.013	0.003	0.29	5.53	<0.02	<0.01	<0.001
46874	<2	0.015	0.003	0.34	7.06	<0.02	<0.01	<0.001
46875	<2	0.014	0.003	0.26	5.25	<0.02	<0.01	<0.001
46876	<2	0.013	0.002	0.29	5.93	<0.02	<0.01	<0.001
46877	2	0.016	0.003	0.31	6.98	<0.02	<0.01	<0.001
46878	<2	0.013	0.002	0.26	5.22	<0.02	<0.01	<0.001
46879	<2	0.016	0.002	0.4	6.71	<0.02	<0.01	<0.001
46880	<2	0.012	0.002	0.51	5.82	<0.02	<0.01	<0.001
46881	11	0.011	0.002	0.84	7.29	<0.02	<0.01	0.002
46882	24	0.007	0.002	1.39	11.73	<0.02	<0.01	0.007
46883	3	0.014	0.003	0.5	6.15	<0.02	<0.01	<0.001
46884	3	0.014	0.003	0.53	5.84	<0.02	<0.01	<0.001
46885	5	0.016	0.002	0.57	6.39	<0.02	<0.01	<0.001
46886	4	0.014	0.003	0.25	5.68	<0.02	<0.01	<0.001
46887	<2	0.013	0.002	0.25	5.9	<0.02	<0.01	<0.001
46888	<2	0.013	0.003	0.24	5.38	<0.02	<0.01	<0.001
46889	<2	0.012	0.002	0.28	4.72	<0.02	<0.01	<0.001
46890	<2	0.013	0.002	0.32	4.76	<0.02	<0.01	<0.001
46891	<2	0.015	0.004	0.17	4.73	<0.02	0.03	<0.001
46892	<2	0.015	0.003	0.26	4.59	<0.02	0.01	<0.001
46893	<2	0.011	0.002	0.24	4.87	<0.02	<0.01	<0.001
46894	3	0.01	0.002	0.27	5.22	<0.02	0.01	<0.001
46895	<2	0.012	0.002	0.19	4.71	<0.02	<0.01	<0.001
46896	<2	0.011	0.002	0.11	4.34	<0.02	<0.01	<0.001
46897	<2	0.011	0.002	0.09	4.53	<0.02	<0.01	<0.001
46898	<2	0.011	0.002	0.11	4.59	<0.02	<0.01	<0.001
46899	<2	0.012	0.002	0.12	5.44	<0.02	<0.01	<0.001
46900	<2	0.013	0.003	0.15	4.53	<0.02	<0.01	<0.001
46901	<2	0.012	0.002	0.18	4.95	<0.02	<0.01	<0.001
46902	<2	0.011	0.002	0.19	6.18	<0.02	<0.01	<0.001
46903	<2	0.009	0.002	0.19	5.32	<0.02	<0.01	<0.001
46904	<2	0.008	0.001	0.24	5.04	<0.02	<0.01	<0.001
46905	<2	0.013	0.002	0.2	5.72	<0.02	<0.01	<0.001
46906	<2	0.012	0.002	0.23	5.33	<0.02	<0.01	<0.001
46907	<2	0.012	0.002	0.24	5.15	<0.02	<0.01	<0.001
46908	<2	0.011	0.002	0.3	6.1	<0.02	<0.01	<0.001
46909	<2	0.008	0.002	0.44	7.75	<0.02	<0.01	0.003
46910	<2	0.014	0.002	0.19	6.31	<0.02	<0.01	<0.001
46911	<2	0.012	0.002	0.15	5.95	<0.02	<0.01	<0.001

p59	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46912	<2	0.013	0.002	0.1	5.22	<0.02	<0.01	<0.001
46913	<2	0.012	0.002	0.1	4.99	<0.02	<0.01	<0.001
46914	<2	0.01	0.002	0.13	4.71	<0.02	<0.01	<0.001
46915	<2	0.011	0.002	0.11	5.37	<0.02	<0.01	<0.001
46916	<2	0.011	0.002	0.17	5.15	<0.02	<0.01	<0.001
46917	<2	0.012	0.002	0.15	6.08	<0.02	<0.01	<0.001
46918	<2	0.011	0.002	0.13	5.74	<0.02	<0.01	<0.001
46919	<2	0.011	0.002	0.11	5.41	<0.02	<0.01	<0.001
46920	<2	0.012	0.002	0.13	5.33	<0.02	<0.01	<0.001
46921	<2	0.013	0.002	0.11	5.25	<0.02	<0.01	<0.001
46922	<2	0.014	0.002	0.18	6.98	<0.02	<0.01	<0.001
46923	<2	0.011	0.002	0.13	6.84	<0.02	<0.01	<0.001
46924	6	0.012	0.003	0.35	12.42	<0.02	<0.01	0.002
46925	4	0.01	0.002	0.33	9.85	<0.02	<0.01	<0.001
46926	9	0.009	0.005	0.36	13.42	<0.02	<0.01	<0.001
46927	<2	0.012	0.002	0.2	6.9	<0.02	<0.01	<0.001
46928	<2	0.011	0.002	0.19	5.11	<0.02	<0.01	<0.001
46929	<2	0.014	0.002	0.25	5.97	<0.02	0.02	<0.001
46930	<2	0.011	0.002	0.34	5.19	<0.02	0.01	<0.001
46931	<2	0.011	0.002	0.34	5.45	<0.02	0.03	<0.001
46932	<2	0.012	0.002	0.33	4.79	<0.02	0.02	<0.001
46933	<2	0.014	0.002	0.28	5.6	<0.02	<0.01	<0.001
46934	<2	0.013	0.002	0.13	5.61	<0.02	0.01	<0.001
46935	<2	0.011	0.002	0.17	4.81	<0.02	<0.01	<0.001
46936	<2	0.012	0.002	0.26	7.26	<0.02	<0.01	0.001
46937	3	0.01	0.001	0.31	7.46	<0.02	<0.01	<0.001
46938	<2	0.014	0.002	0.21	5.74	<0.02	<0.01	<0.001
46939	5	0.022	0.002	0.35	9.42	<0.02	<0.01	0.001
46940	<2	0.013	0.003	0.16	6.3	<0.02	<0.01	<0.001
46941	9	0.003	<0.001	0.27	6.01	<0.02	<0.01	<0.001
46942	29	0.003	<0.001	0.41	7.11	<0.02	<0.01	0.002
46943	3	0.012	0.002	0.2	7.35	<0.02	<0.01	<0.001
46944	25	0.017	0.002	0.32	9.21	<0.02	<0.01	<0.001
46945	6	0.017	0.002	0.39	6.67	<0.02	<0.01	0.007
46946	<2	0.012	0.002	0.46	4.81	<0.02	<0.01	<0.001
46947	<2	0.01	0.001	0.39	4.44	<0.02	<0.01	<0.001
46948	<2	0.012	0.002	0.24	5.09	<0.02	<0.01	<0.001
46949	<2	0.014	0.002	0.2	6.32	<0.02	<0.01	<0.001
46950	<2	0.012	0.002	0.17	5.33	<0.02	<0.01	<0.001
46951	<2	0.013	0.002	0.14	5.43	<0.02	<0.01	<0.001
46952	<2	0.014	0.002	0.15	5.54	<0.02	<0.01	<0.001
46953	<2	0.013	0.002	0.23	6.18	<0.02	<0.01	<0.001
46954	<2	0.014	0.002	0.14	5.65	<0.02	<0.01	<0.001

p60	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %	
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	
46955	<2	0.013	0.002	0.17	5.09	<0.02	<0.01	<0.001	
46956	<2	0.012	0.003	0.29	5.12	<0.02	<0.01	<0.001	
46957	<2	0.01	0.002	0.25	5.53	<0.02	<0.01	<0.001	
46958	<2	0.008	0.001	0.22	5.71	<0.02	<0.01	<0.001	
46959	<2	0.007	0.001	0.23	6.05	<0.02	<0.01	<0.001	
46960	<2	0.014	0.003	0.16	5.51	<0.02	<0.01	<0.001	
46961	<2	0.014	0.003	0.15	5.88	<0.02	<0.01	<0.001	
46962	<2	0.012	0.002	0.23	7.51	<0.02	<0.01	<0.001	
46963	4	0.016	0.005	0.27	10.93	0.03	<0.01	0.002	
46964	<2	0.015	0.003	0.14	5.64	<0.02	<0.01	0.001	
46965	<2	0.014	0.003	0.14	6.81	<0.02	<0.01	<0.001	
46966	<2	0.014	0.003	0.13	5.65	<0.02	<0.01	<0.001	
46967	<2	0.012	0.003	0.16	4.77	<0.02	0.04	<0.001	
46968	<2	0.013	0.003	0.28	6.71	<0.02	0.02	<0.001	
46969	<2	0.013	0.003	0.34	5.56	<0.02	<0.01	<0.001	
46970	<2	0.014	0.003	0.36	5.97	<0.02	<0.01	<0.001	
46971	<2	0.012	0.002	0.49	6.59	<0.02	<0.01	<0.001	
46972	<2	0.01	0.002	0.41	4.73	<0.02	<0.01	0.001	
46973	<2	0.009	0.002	0.34	5.38	<0.02	<0.01	0.001	
46974	4	0.008	0.001	0.4	6.29	<0.02	<0.01	0.003	
46975	3	0.008	0.001	0.33	6.68	<0.02	<0.01	0.004	
46976	4	0.008	0.001	0.34	7.13	<0.02	<0.01	0.005	
46977	5	0.006	<0.001	0.32	6.75	<0.02	<0.01	0.002	
46978	<2	0.014	0.003	0.27	5.85	<0.02	<0.01	<0.001	
46979	<2	0.012	0.003	0.21	5.57	<0.02	<0.01	<0.001	
46980	<2	0.015	0.003	0.22	6.24	<0.02	<0.01	<0.001	
46981	<2	0.017	0.002	0.24	8.17	<0.02	<0.01	<0.001	
46982	<2	0.019	0.003	0.27	8.82	<0.02	<0.01	<0.001	
46983	<2	0.005	<0.001	0.33	8.04	<0.02	<0.01	<0.001	
46984	3	0.006	<0.001	0.32	7.32	<0.02	<0.01	<0.001	
46985	<2	0.014	0.003	0.25	5.39	<0.02	<0.01	<0.001	
46986	<2	0.012	0.002	0.2	4.2	<0.02	<0.01	<0.001	
›ulp Duplicates									P
46757	<2	0.015	0.003	0.09	5.35	<0.02	<0.01	<0.001	
46757									
46792	<2	0.016	0.003	0.08	5.41	<0.02	0.01	<0.001	
46792									
46883	3	0.014	0.003	0.5	6.15	<0.02	<0.01	<0.001	
46883									
46958	<2	0.008	0.001	0.22	5.71	<0.02	<0.01	<0.001	
46958									
46821	<2	0.013	0.002	0.16	5.4	<0.02	<0.01	<0.001	
46821									

p61	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46885	5	0.016	0.002	0.57	6.39	<0.02	<0.01	<0.001
46885								
46888	<2	0.013	0.003	0.24	5.38	<0.02	<0.01	<0.001
46888	4	0.012	0.003	0.24	5.39	<0.02	<0.01	<0.001
46979	<2	0.012	0.003	0.21	5.57	<0.02	<0.01	<0.001
46979								
46965	<2	0.014	0.003	0.14	6.81	<0.02	<0.01	<0.001
46965								
46824	6	0.012	0.002	0.64	6.88	<0.02	<0.01	<0.001
46824	7	0.012	0.002	0.65	6.94	<0.02	<0.01	<0.001
46902	<2	0.011	0.002	0.19	6.18	<0.02	<0.01	<0.001
46902								
46754	<2	0.013	0.002	0.11	4.68	<0.02	<0.01	<0.001
46754								
46754	<2	0.013	0.002	0.11	4.68	<0.02	<0.01	<0.001
46754	<2	0.012	0.002	0.11	4.59	<0.02	<0.01	<0.001
46807	<2	0.014	0.002	0.11	5.35	<0.02	<0.01	0.001
46807	<2	0.014	0.002	0.11	5.31	<0.02	<0.01	<0.001
46916	<2	0.011	0.002	0.17	5.15	<0.02	<0.01	<0.001
46916	<2	0.01	0.002	0.16	5.1	<0.02	<0.01	<0.001
46907	<2	0.012	0.002	0.24	5.15	<0.02	<0.01	<0.001
46907								
46914	<2	0.01	0.002	0.13	4.71	<0.02	<0.01	<0.001
46914								
46948	<2	0.012	0.002	0.24	5.09	<0.02	<0.01	<0.001
46948								
46778	<2	0.011	0.002	0.12	5.57	<0.02	0.01	<0.001
46778								
46793	<2	0.014	0.002	0.14	5.79	<0.02	0.01	<0.001
46793								
46870	<2	0.015	0.002	0.4	6.84	<0.02	<0.01	<0.001
46870	2	0.015	0.002	0.4	6.93	<0.02	<0.01	<0.001
46975	3	0.008	0.001	0.33	6.68	<0.02	<0.01	0.004
46975	3	0.008	0.001	0.33	6.63	<0.02	<0.01	0.004
aration Duplicates								Prep
46778	<2	0.011	0.002	0.12	5.57	<0.02	0.01	<0.001
46778	<2	0.011	0.002	0.12	5.78	<0.02	0.02	<0.001
46813	<2	0.017	0.003	0.12	5.87	<0.02	<0.01	0.002
46813	<2	0.017	0.003	0.12	6.07	<0.02	<0.01	<0.001
46848	<2	0.012	0.002	0.09	5.22	<0.02	<0.01	<0.001
46848	<2	0.012	0.002	0.09	5.18	<0.02	<0.01	<0.001
46883	3	0.014	0.003	0.5	6.15	<0.02	<0.01	<0.001
46883	3	0.015	0.003	0.51	6.12	<0.02	<0.01	<0.001

p62	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
46918	<2	0.011	0.002	0.13	5.74	<0.02	<0.01	<0.001
46918	<2	0.01	0.002	0.14	5.54	<0.02	<0.01	<0.001
46953	<2	0.013	0.002	0.23	6.18	<0.02	<0.01	<0.001
46953	<2	0.013	0.002	0.23	6.04	<0.02	<0.01	<0.001
erence Materials								Ref
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD OXH66								
STD OXK79								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4T	91	0.354	0.041	0.09	24.56	<0.02	0.02	0.019
TD OREAS131	31	0.003	0.002	0.17	5.95	<0.02	<0.01	0.008
STD SU-1B	9	1.984	0.067	0.07	26.01	<0.02	0.03	0.002
STD OXH66								
STD R4A								
STD R4A								
STD R4T	89	0.352	0.041	0.09	24.55	<0.02	0.02	0.019
TD OREAS131	31	0.003	0.002	0.18	5.96	<0.02	<0.01	0.008
STD SU-1B	6	1.97	0.067	0.07	25.87	<0.02	0.03	<0.001
STD R4A								
STD R4A								
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD R4T	86	0.356	0.041	0.09	24.1	<0.02	0.02	0.022
TD OREAS131	30	0.003	0.002	0.17	5.83	<0.02	<0.01	0.007
STD SU-1B	6	2.011	0.07	0.07	25.27	<0.02	0.03	0.002
STD R4T	91	0.358	0.043	0.09	24.08	<0.02	0.02	0.02
TD OREAS131	32	0.003	0.002	0.17	5.82	<0.02	<0.01	0.01
STD SU-1B	6	2.013	0.069	0.07	25.21	<0.02	0.03	0.002
STD R4T	87	0.36	0.041	0.09	24.43	<0.02	0.02	0.019
TD OREAS131	32	0.003	0.002	0.17	5.74	<0.02	<0.01	0.008
STD SU-1B	7	1.991	0.067	0.07	25.53	<0.02	0.03	<0.001
STD OXH66								
STD OXK79								

p63	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD OXK79								
STD R4T	89	0.357	0.044	0.09	24.83	<0.02	0.02	0.02
TD OREAS131	31	0.003	0.002	0.18	5.96	<0.02	<0.01	0.008
STD SU-1B	7	1.98	0.069	0.07	25.91	<0.02	0.03	<0.001
STD R4T	88	0.357	0.043	0.09	24.61	<0.02	0.02	0.019
TD OREAS131	31	0.003	0.002	0.18	5.96	<0.02	<0.01	0.009
STD SU-1B	7	1.973	0.068	0.07	25.81	<0.02	0.03	<0.001
STD R4T	90	0.349	0.041	0.09	24.41	<0.02	0.02	0.019
TD OREAS131	31	0.003	0.002	0.17	5.91	<0.02	<0.01	0.008
STD SU-1B	7	2.003	0.068	0.07	26.36	<0.02	0.03	<0.001
STD R4T	87	0.356	0.043	0.09	24.52	<0.02	0.02	0.018
TD OREAS131	31	0.002	0.002	0.18	5.87	<0.02	<0.01	0.008
STD SU-1B	7	1.991	0.069	0.07	25.85	<0.02	0.03	<0.001
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK								
BLK								
BLK								
BLK								
BLK								

p64	7TD Ag GM/T	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %
	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
BLK	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001
Prep Wash								
G1	<2	<0.001	<0.001	0.07	2.33	<0.02	0.07	<0.001
G1	<2	<0.001	<0.001	0.07	2.36	<0.02	0.07	<0.001

p65	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Sample								
46751	<0.01	<0.01	0.46	0.08	0.015	1.27	8	0.41
46752	<0.01	<0.01	1.08	0.08	0.015	1.47	8.18	0.42
46753	<0.01	<0.01	0.33	0.07	0.013	1.35	8.91	0.46
46754	<0.01	<0.01	0.45	0.06	0.019	1.16	8.16	0.37
46755	<0.01	<0.01	1.93	0.06	0.023	1.37	6.57	0.15
46756	<0.01	<0.01	0.43	0.07	0.016	1.15	9.06	0.36
46757	<0.01	<0.01	0.45	0.08	0.018	1.31	8.45	0.43
46758	<0.01	<0.01	0.44	0.06	0.017	1.11	8.56	0.51
46759	<0.01	<0.01	1.34	0.11	0.018	1.37	8.84	0.44
46760	<0.01	<0.01	0.83	0.1	0.018	1.17	8.76	0.39
46761	<0.01	<0.01	1.72	0.1	0.014	1.26	6.48	0.29
46762	<0.01	<0.01	0.68	0.09	0.015	1.14	8.99	0.46
46763	<0.01	<0.01	0.94	0.12	0.017	1.22	8.77	0.4
46764	<0.01	<0.01	1.3	0.08	0.016	1.03	8.56	0.38
46765	<0.01	<0.01	1.59	0.09	0.015	1.09	8.98	0.36
46766	<0.01	<0.01	1.22	0.06	0.02	1.42	8.19	0.41
46767	<0.01	<0.01	0.65	0.07	0.019	1.25	7.42	0.45
46768	<0.01	<0.01	0.64	0.05	0.019	1.09	7.54	0.45
46769	<0.01	<0.01	0.55	0.08	0.022	1.33	7.32	0.51
46770	<0.01	<0.01	0.41	0.12	0.015	1.25	8.77	0.63
46771	<0.01	<0.01	0.27	0.08	0.018	1.36	8.24	0.58
46772	<0.01	<0.01	0.25	0.06	0.013	1.15	9.03	0.7
46773	<0.01	<0.01	0.43	0.13	0.012	1.39	11.14	0.81
46774	<0.01	<0.01	2.05	0.07	0.021	1.25	8.4	0.5
46775	<0.01	<0.01	0.45	0.09	0.02	1.33	9.9	0.62
46776	<0.01	<0.01	0.24	0.05	0.013	1.14	10.33	0.77
46777	<0.01	<0.01	0.36	0.09	0.016	1.31	10.06	0.74
46778	<0.01	<0.01	1.07	0.07	0.018	1.27	8.13	0.42
46779	<0.01	<0.01	0.92	0.1	0.016	1.17	9.19	0.53
46780	<0.01	<0.01	0.34	0.04	0.014	1.09	9.45	0.6
46781	<0.01	<0.01	0.36	0.09	0.013	1.14	8.3	0.41
46782	<0.01	<0.01	0.52	0.09	0.014	1.14	9.47	0.52

p66	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46783	<0.01	<0.01	0.55	0.14	0.015	1	9.71	0.58
46784	<0.01	<0.01	0.53	0.09	0.014	1	9.92	0.5
46785	<0.01	<0.01	0.13	0.03	0.014	1.26	10.34	0.68
46786	<0.01	<0.01	0.97	0.14	0.017	1.46	10.07	0.75
46787	<0.01	<0.01	0.41	0.07	0.018	1.41	9.91	0.77
46788	<0.01	<0.01	0.46	0.07	0.016	1.32	9.92	0.83
46789	<0.01	<0.01	0.72	0.19	0.016	1.41	10	0.76
46790	<0.01	<0.01	1.08	0.14	0.015	1.35	9.96	0.77
46791	<0.01	<0.01	0.6	0.09	0.014	1.45	10.12	0.74
46792	<0.01	<0.01	0.2	0.04	0.016	1.35	10.21	0.82
46793	<0.01	<0.01	1.11	0.09	0.015	1.37	9.68	0.74
46794	<0.01	<0.01	0.38	0.12	0.016	1.42	9.59	0.73
46795	<0.01	<0.01	0.69	0.05	0.015	1.32	9.79	0.71
46796	<0.01	<0.01	1.07	0.08	0.017	1.37	9.33	0.59
46797	<0.01	<0.01	0.29	0.07	0.014	1.3	9.58	0.53
46798	<0.01	<0.01	0.49	0.06	0.015	1.23	9.73	0.64
46799	<0.01	<0.01	1.43	0.06	0.013	1.26	8.34	0.43
46800	<0.01	<0.01	1.37	0.05	0.017	1.21	7.58	0.46
46801	<0.01	<0.01	0.07	<0.01	0.006	0.08	0.29	0.05
46802	<0.01	<0.01	0.23	0.06	0.014	1.18	9.85	0.53
46803	<0.01	<0.01	0.64	0.07	0.018	1.27	9.07	0.58
46804	<0.01	<0.01	0.3	0.06	0.014	1.16	9.99	0.51
46805	<0.01	<0.01	0.36	0.07	0.015	1.23	9.74	0.66
46806	<0.01	<0.01	0.25	0.04	0.014	1.23	9.55	0.6
46807	<0.01	<0.01	1	0.09	0.018	1.34	8.76	0.54
46808	<0.01	<0.01	0.49	0.07	0.017	1.27	8.71	0.66
46809	<0.01	<0.01	0.74	0.07	0.018	1.32	8.89	0.66
46810	<0.01	<0.01	0.87	0.08	0.017	1.4	9.22	0.59
46811	<0.01	<0.01	0.59	0.07	0.018	1.31	9.31	0.56
46812	<0.01	<0.01	0.37	0.08	0.014	1.33	9.64	0.41
46813	<0.01	<0.01	0.37	0.1	0.018	1.35	9.85	0.45
46814	<0.01	<0.01	0.29	0.09	0.018	1.39	9.79	0.43
46815	<0.01	<0.01	0.31	0.08	0.015	1.29	9.89	0.28
46816	<0.01	<0.01	0.24	0.07	0.018	1.27	10.17	0.31
46817	<0.01	<0.01	0.47	0.1	0.022	1.21	8.65	0.25
46818	<0.01	<0.01	1	0.16	0.015	1.1	9.19	0.29
46819	<0.01	<0.01	0.62	0.04	0.006	0.93	8.97	0.44
46820	<0.01	<0.01	1.07	0.04	0.003	0.87	7.62	0.38
46821	<0.01	<0.01	0.98	0.09	0.018	1.25	8.71	0.46
46822	<0.01	<0.01	0.65	0.17	0.016	1.28	9.49	0.34
46823	<0.01	<0.01	0.52	0.07	0.016	1.12	9.12	0.21
46824	<0.01	<0.01	0.74	0.06	0.02	1	6.64	0.1
46825	<0.01	<0.01	0.49	0.09	0.015	1.06	9.3	0.09

p67	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46826	<0.01	<0.01	0.31	0.1	0.016	1.36	9.62	0.09
46827	<0.01	<0.01	0.22	0.06	0.017	1.13	9.81	0.1
46828	<0.01	<0.01	0.38	0.08	0.015	1.21	9.53	0.12
46829	<0.01	<0.01	0.21	0.07	0.015	1.2	10.04	0.11
46830	<0.01	<0.01	0.33	0.14	0.014	1.22	9.5	0.09
46831	<0.01	<0.01	0.11	0.04	0.014	1.03	9.6	0.1
46832	<0.01	<0.01	0.23	0.08	0.015	1.15	9.69	0.1
46833	<0.01	<0.01	0.15	0.05	0.017	1.08	9.37	0.1
46834	<0.01	<0.01	0.27	0.11	0.017	1.21	9.53	0.1
46835	<0.01	<0.01	0.42	0.12	0.017	1.19	9.12	0.09
46836	<0.01	<0.01	0.21	0.07	0.017	1.32	9.16	0.08
46837	<0.01	<0.01	0.27	0.06	0.017	1.21	9.42	0.09
46838	<0.01	<0.01	0.18	0.06	0.016	1.03	9.4	0.09
46839	<0.01	<0.01	0.35	0.14	0.014	1.62	9.25	0.07
46840	<0.01	<0.01	0.29	0.11	0.016	1.31	9.59	0.08
46841	<0.01	<0.01	0.51	0.18	0.015	1.53	9.48	0.08
46842	<0.01	<0.01	0.51	0.14	0.016	1.07	9.18	0.1
46843	<0.01	<0.01	0.35	0.14	0.016	1.23	9.39	0.09
46844	<0.01	<0.01	1.04	0.06	0.014	1.23	6.87	0.11
46845	<0.01	<0.01	0.55	0.08	0.022	1.02	7.06	0.1
46846	<0.01	<0.01	0.6	0.03	0.003	0.54	6.13	0.07
46847	<0.01	<0.01	1.37	0.1	0.019	1.33	7.43	0.26
46848	<0.01	<0.01	1.16	0.08	0.018	1.28	7.65	0.43
46849	<0.01	<0.01	0.58	0.12	0.017	1.3	9.15	0.46
46850	<0.01	<0.01	0.75	0.1	0.017	1.28	8.81	0.54
46851	<0.01	<0.01	0.69	0.07	0.019	1.28	9.14	0.54
46852	<0.01	<0.01	1.23	0.2	0.018	1.34	8.54	0.44
46853	<0.01	<0.01	0.53	0.07	0.018	1.4	9.33	0.64
46854	<0.01	<0.01	0.67	0.12	0.018	1.38	8.46	0.53
46855	<0.01	<0.01	0.47	0.07	0.017	1.3	8.28	0.44
46856	<0.01	<0.01	0.45	0.08	0.018	1.24	8.52	0.42
46857	<0.01	<0.01	0.5	0.13	0.017	1.31	8.67	0.42
46858	<0.01	<0.01	1.29	0.06	0.025	1.48	8.51	0.39
46859	<0.01	<0.01	0.77	0.06	0.03	1.68	7.87	0.23
46860	<0.01	<0.01	0.42	0.06	0.029	1.36	7.01	0.14
46861	<0.01	<0.01	0.33	0.08	0.019	1.18	8.65	0.2
46862	<0.01	<0.01	0.19	0.06	0.02	1.16	8.56	0.24
46863	<0.01	<0.01	0.45	0.07	0.021	0.94	5.68	0.19
46864	<0.01	<0.01	1.58	0.08	0.02	0.89	6.86	0.13
46865	<0.01	<0.01	1.18	0.08	0.016	1.1	6.48	0.15
46866	<0.01	<0.01	0.46	0.11	0.014	0.9	7.23	0.21
46867	<0.01	<0.01	0.67	0.08	0.015	0.98	7.14	0.16
46868	<0.01	<0.01	0.24	0.05	0.014	0.96	8.06	0.1

p68	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46869	<0.01	<0.01	1.07	0.16	0.013	1.47	8.11	0.09
46870	<0.01	<0.01	0.47	0.18	0.015	1.34	8.1	0.08
46871	<0.01	<0.01	0.87	0.27	0.015	1.41	8.76	0.09
46872	<0.01	<0.01	0.17	0.05	0.015	0.97	7.82	0.11
46873	<0.01	<0.01	0.58	0.15	0.014	1.12	8.64	0.11
46874	<0.01	<0.01	0.84	0.28	0.014	1.33	8.72	0.09
46875	<0.01	<0.01	0.29	0.07	0.014	1.07	8.57	0.11
46876	<0.01	<0.01	0.28	0.1	0.014	1.21	7.79	0.09
46877	<0.01	<0.01	0.54	0.21	0.015	1.32	8.6	0.09
46878	<0.01	<0.01	0.26	0.08	0.016	1.05	8.03	0.1
46879	<0.01	<0.01	0.57	0.19	0.017	1.34	8.43	0.08
46880	<0.01	<0.01	0.63	0.09	0.018	1.07	8.02	0.1
46881	<0.01	<0.01	1.02	0.05	0.014	0.95	7.44	0.09
46882	<0.01	<0.01	1.04	0.02	0.008	0.95	2.85	0.03
46883	<0.01	<0.01	0.22	0.08	0.018	0.85	7.36	0.08
46884	<0.01	<0.01	0.18	0.08	0.018	0.9	7.67	0.08
46885	<0.01	<0.01	0.18	0.08	0.016	1.01	7.75	0.07
46886	<0.01	<0.01	0.32	0.09	0.017	1.31	9.18	0.12
46887	<0.01	<0.01	0.29	0.1	0.018	1.44	8.82	0.11
46888	<0.01	<0.01	0.25	0.06	0.02	1.31	9.23	0.14
46889	<0.01	<0.01	0.72	0.07	0.022	1.35	8.49	0.1
46890	<0.01	<0.01	1.26	0.1	0.022	1.29	7.79	0.09
46891	<0.01	<0.01	1.79	0.11	0.018	0.88	7.18	0.09
46892	<0.01	<0.01	1.56	0.07	0.022	1.14	7.79	0.11
46893	<0.01	<0.01	1.73	0.09	0.014	1.37	9.62	0.21
46894	<0.01	<0.01	1.23	0.1	0.015	1.22	8.55	0.16
46895	<0.01	<0.01	0.6	0.08	0.016	1.14	8.67	0.16
46896	<0.01	<0.01	1.26	0.08	0.016	1.34	7.93	0.32
46897	<0.01	<0.01	0.78	0.06	0.018	1.19	7.28	0.35
46898	<0.01	<0.01	1.84	0.06	0.017	1.23	7.85	0.42
46899	<0.01	<0.01	0.17	0.06	0.016	1.13	7.24	0.26
46900	<0.01	<0.01	0.4	0.06	0.022	1.24	7.78	0.19
46901	<0.01	<0.01	0.36	0.06	0.025	1.22	7.06	0.06
46902	<0.01	<0.01	0.33	0.04	0.022	1.04	6.74	0.04
46903	<0.01	<0.01	0.21	0.04	0.017	0.9	5.72	0.03
46904	<0.01	<0.01	0.84	0.03	0.017	0.86	4.85	0.03
46905	<0.01	<0.01	0.48	0.14	0.018	1.37	8.7	0.06
46906	<0.01	<0.01	0.39	0.06	0.018	1.44	8.86	0.06
46907	<0.01	<0.01	0.21	0.07	0.023	1.39	7.58	0.04
46908	<0.01	<0.01	0.3	0.04	0.02	1.05	5.58	0.03
46909	<0.01	<0.01	0.74	0.05	0.015	1.24	5.07	0.03
46910	<0.01	<0.01	0.46	0.08	0.023	1.06	7.64	0.09
46911	<0.01	<0.01	0.31	0.09	0.018	1.1	9.19	0.19

p69	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46912	<0.01	<0.01	0.43	0.1	0.016	1.27	9.33	0.38
46913	<0.01	<0.01	0.55	0.09	0.014	1.24	9.45	0.38
46914	<0.01	<0.01	1.04	0.08	0.018	1.54	8.32	0.28
46915	<0.01	<0.01	0.84	0.11	0.015	1.37	9.39	0.36
46916	<0.01	<0.01	0.55	0.09	0.016	0.99	8.76	0.24
46917	<0.01	<0.01	0.3	0.06	0.019	1.2	9.18	0.18
46918	<0.01	<0.01	0.41	0.08	0.016	1.11	8.98	0.23
46919	<0.01	<0.01	0.41	0.09	0.011	1.13	10.03	0.33
46920	<0.01	<0.01	0.43	0.14	0.015	1.15	8.5	0.17
46921	<0.01	<0.01	0.29	0.11	0.015	1.2	9.8	0.17
46922	<0.01	<0.01	0.31	0.07	0.016	1.04	9.12	0.1
46923	<0.01	<0.01	0.17	0.05	0.01	0.77	10.29	0.12
46924	<0.01	<0.01	0.3	0.07	0.017	1.15	7.3	0.05
46925	<0.01	<0.01	0.16	0.05	0.027	1.02	6.23	0.03
46926	<0.01	<0.01	0.25	0.04	0.012	1.07	5.58	0.03
46927	<0.01	<0.01	0.33	0.11	0.016	0.95	8.71	0.07
46928	<0.01	<0.01	0.44	0.06	0.015	0.86	9.06	0.09
46929	<0.01	<0.01	0.59	0.1	0.016	0.98	8.99	0.1
46930	<0.01	<0.01	1.68	0.08	0.016	1.09	7.85	0.12
46931	<0.01	<0.01	1.33	0.09	0.017	1.08	8.09	0.12
46932	<0.01	<0.01	0.93	0.08	0.016	1.04	8.95	0.16
46933	<0.01	<0.01	0.94	0.14	0.017	1.16	8.69	0.22
46934	<0.01	<0.01	0.68	0.11	0.018	1.2	9.56	0.43
46935	<0.01	<0.01	0.82	0.08	0.02	1.03	8.56	0.24
46936	<0.01	<0.01	0.78	0.06	0.017	1.15	9.48	0.09
46937	<0.01	<0.01	0.58	0.08	0.018	1.09	7.28	0.06
46938	<0.01	<0.01	0.3	0.07	0.016	1.25	9.24	0.12
46939	<0.01	<0.01	0.68	0.09	0.024	1.36	8.07	0.08
46940	<0.01	<0.01	0.24	0.06	0.02	0.92	7.82	0.15
46941	<0.01	<0.01	0.16	0.04	0.01	0.53	2.57	0.03
46942	<0.01	<0.01	0.27	0.03	0.015	0.7	3.17	0.03
46943	<0.01	<0.01	0.18	0.07	0.015	0.99	7.2	0.08
46944	<0.01	0.01	0.5	0.1	0.019	1.47	9.38	0.1
46945	<0.01	<0.01	0.92	0.08	0.026	1.2	7.24	0.07
46946	<0.01	<0.01	0.52	0.08	0.025	1.25	5.71	0.05
46947	<0.01	<0.01	0.68	0.07	0.027	1.11	5.69	0.05
46948	<0.01	<0.01	1.46	0.07	0.025	1.22	7.22	0.08
46949	<0.01	<0.01	0.49	0.06	0.026	1.01	7.79	0.08
46950	<0.01	<0.01	0.32	0.07	0.025	1.01	8.73	0.19
46951	<0.01	<0.01	1.09	0.08	0.021	1.17	8.73	0.44
46952	<0.01	<0.01	1.48	0.07	0.027	1.28	8.36	0.39
46953	<0.01	<0.01	1.14	0.09	0.022	1.27	7.8	0.16
46954	<0.01	<0.01	0.58	0.17	0.016	1.19	9.31	0.27

p70	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %	
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	
46955	<0.01	<0.01	0.8	0.07	0.025	1.32	8.69	0.11	
46956	<0.01	<0.01	0.88	0.07	0.016	1.25	6.34	0.07	
46957	<0.01	<0.01	0.19	0.04	0.013	0.94	4.23	0.04	
46958	<0.01	<0.01	0.3	0.04	0.01	0.74	3.24	0.03	
46959	<0.01	<0.01	0.34	0.16	0.009	0.8	3.95	0.03	
46960	<0.01	<0.01	0.21	0.06	0.016	1.1	7.04	0.08	
46961	<0.01	<0.01	0.21	0.07	0.017	1.11	6.47	0.06	
46962	<0.01	<0.01	0.3	0.04	0.027	1.06	6.07	0.04	
46963	<0.01	<0.01	0.66	0.05	0.019	1.05	5.39	0.04	
46964	<0.01	<0.01	0.18	0.05	0.016	1.11	7.58	0.09	
46965	<0.01	<0.01	0.44	0.17	0.016	1.19	7.62	0.23	
46966	<0.01	<0.01	0.51	0.1	0.015	1.16	8.53	0.29	
46967	<0.01	<0.01	0.98	0.11	0.012	1	8.06	0.18	
46968	<0.01	<0.01	1.78	0.07	0.014	1.34	6.66	0.1	
46969	<0.01	<0.01	1.03	0.09	0.015	1.13	7.44	0.15	
46970	<0.01	<0.01	0.99	0.08	0.013	1.23	8.81	0.14	
46971	<0.01	<0.01	0.45	0.12	0.018	1.33	7.44	0.06	
46972	<0.01	<0.01	0.42	0.06	0.024	0.89	5.86	0.06	
46973	<0.01	<0.01	0.14	0.04	0.017	0.75	4.48	0.04	
46974	<0.01	<0.01	0.13	0.03	0.014	0.67	4.47	0.03	
46975	<0.01	<0.01	0.13	0.04	0.012	0.61	4.22	0.03	
46976	<0.01	<0.01	0.1	0.03	0.014	0.65	3.96	0.03	
46977	<0.01	<0.01	0.14	0.03	0.013	0.75	4.09	0.03	
46978	<0.01	<0.01	0.33	0.14	0.017	1.23	8.43	0.09	
46979	<0.01	<0.01	0.2	0.05	0.015	1.03	7.83	0.11	
46980	<0.01	<0.01	0.46	0.09	0.018	0.96	6.46	0.14	
46981	<0.01	<0.01	0.29	0.07	0.033	1.21	6.91	0.09	
46982	<0.01	<0.01	0.19	0.06	0.034	1.11	6.68	0.07	
46983	<0.01	<0.01	0.13	0.04	0.012	0.75	3.65	0.02	
46984	<0.01	<0.01	0.16	0.04	0.016	0.76	3.39	0.03	
46985	<0.01	<0.01	0.65	0.07	0.027	1.14	6.96	0.12	
46986	<0.01	<0.01	0.37	0.05	0.034	1.11	5.26	0.07	
'ulp Duplicates									P
46757	<0.01	<0.01	0.45	0.08	0.018	1.31	8.45	0.43	
46757									
46792	<0.01	<0.01	0.2	0.04	0.016	1.35	10.21	0.82	
46792									
46883	<0.01	<0.01	0.22	0.08	0.018	0.85	7.36	0.08	
46883									
46958	<0.01	<0.01	0.3	0.04	0.01	0.74	3.24	0.03	
46958									
46821	<0.01	<0.01	0.98	0.09	0.018	1.25	8.71	0.46	
46821									

p71	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46885	<0.01	<0.01	0.18	0.08	0.016	1.01	7.75	0.07
46885								
46888	<0.01	<0.01	0.25	0.06	0.02	1.31	9.23	0.14
46888	<0.01	<0.01	0.26	0.06	0.02	1.3	9.29	0.14
46979	<0.01	<0.01	0.2	0.05	0.015	1.03	7.83	0.11
46979								
46965	<0.01	<0.01	0.44	0.17	0.016	1.19	7.62	0.23
46965								
46824	<0.01	<0.01	0.74	0.06	0.02	1	6.64	0.1
46824	<0.01	<0.01	0.75	0.06	0.021	1.02	6.78	0.1
46902	<0.01	<0.01	0.33	0.04	0.022	1.04	6.74	0.04
46902								
46754	<0.01	<0.01	0.45	0.06	0.019	1.16	8.16	0.37
46754								
46754	<0.01	<0.01	0.45	0.06	0.019	1.16	8.16	0.37
46754	<0.01	<0.01	0.43	0.06	0.019	1.13	7.48	0.37
46807	<0.01	<0.01	1	0.09	0.018	1.34	8.76	0.54
46807	<0.01	<0.01	1.01	0.09	0.018	1.35	8.58	0.53
46916	<0.01	<0.01	0.55	0.09	0.016	0.99	8.76	0.24
46916	<0.01	<0.01	0.55	0.09	0.016	0.99	8.73	0.24
46907	<0.01	<0.01	0.21	0.07	0.023	1.39	7.58	0.04
46907								
46914	<0.01	<0.01	1.04	0.08	0.018	1.54	8.32	0.28
46914								
46948	<0.01	<0.01	1.46	0.07	0.025	1.22	7.22	0.08
46948								
46778	<0.01	<0.01	1.07	0.07	0.018	1.27	8.13	0.42
46778								
46793	<0.01	<0.01	1.11	0.09	0.015	1.37	9.68	0.74
46793								
46870	<0.01	<0.01	0.47	0.18	0.015	1.34	8.1	0.08
46870	<0.01	<0.01	0.48	0.18	0.015	1.36	8.32	0.08
46975	<0.01	<0.01	0.13	0.04	0.012	0.61	4.22	0.03
46975	<0.01	<0.01	0.12	0.04	0.013	0.6	4.15	0.03
aration Duplicates								Prep
46778	<0.01	<0.01	1.07	0.07	0.018	1.27	8.13	0.42
46778	<0.01	<0.01	1.09	0.07	0.018	1.33	8.37	0.44
46813	<0.01	<0.01	0.37	0.1	0.018	1.35	9.85	0.45
46813	<0.01	<0.01	0.45	0.13	0.018	1.38	9.65	0.43
46848	<0.01	<0.01	1.16	0.08	0.018	1.28	7.65	0.43
46848	<0.01	<0.01	1.16	0.08	0.018	1.28	7.53	0.43
46883	<0.01	<0.01	0.22	0.08	0.018	0.85	7.36	0.08
46883	<0.01	<0.01	0.22	0.09	0.017	0.86	7.23	0.08

p72	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
46918	<0.01	<0.01	0.41	0.08	0.016	1.11	8.98	0.23
46918	<0.01	<0.01	0.4	0.08	0.016	1.11	8.53	0.24
46953	<0.01	<0.01	1.14	0.09	0.022	1.27	7.8	0.16
46953	<0.01	<0.01	1.13	0.08	0.021	1.25	7.54	0.15
erence Materials								Ref
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD OXH66								
STD OXK79								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4A								
STD R4T	0.02	<0.01	2.21	0.04	0.019	1.43	4.01	0.93
TD OREAS131	<0.01	<0.01	5.33	0.06	0.002	3.19	4.71	0.16
STD SU-1B	0.01	<0.01	2.26	0.06	0.032	1.82	4.48	1.75
STD OXH66								
STD R4A								
STD R4A								
STD R4T	0.02	<0.01	2.2	0.05	0.018	1.44	3.94	0.94
TD OREAS131	<0.01	<0.01	5.49	0.06	0.002	3.14	4.6	0.16
STD SU-1B	<0.01	<0.01	2.24	0.07	0.031	1.82	4.37	1.76
STD R4A								
STD R4A								
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD R4T	0.02	<0.01	2.21	0.04	0.019	1.43	3.99	0.91
TD OREAS131	<0.01	<0.01	5.22	0.06	0.002	3.12	4.63	0.15
STD SU-1B	<0.01	<0.01	2.26	0.06	0.032	1.81	4.46	1.69
STD R4T	0.02	<0.01	2.2	0.04	0.019	1.43	4	0.91
TD OREAS131	<0.01	<0.01	5.34	0.06	0.002	3.16	4.7	0.15
STD SU-1B	<0.01	<0.01	2.27	0.06	0.032	1.8	4.44	1.67
STD R4T	0.01	<0.01	2.27	0.05	0.019	1.47	4.07	0.95
TD OREAS131	<0.01	<0.01	5.32	0.06	0.002	3.19	4.72	0.15
STD SU-1B	<0.01	<0.01	2.28	0.06	0.031	1.83	4.49	1.71
STD OXH66								
STD OXK79								

p73	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD OXH66								
STD OXK79								
STD OXK79								
STD R4T	0.02	<0.01	2.22	0.05	0.018	1.45	3.96	0.94
TD OREAS131	<0.01	<0.01	5.48	0.06	0.002	3.14	4.56	0.15
STD SU-1B	<0.01	<0.01	2.24	0.07	0.031	1.82	4.37	1.72
STD R4T	0.02	<0.01	2.22	0.05	0.019	1.42	3.85	0.93
TD OREAS131	<0.01	<0.01	5.48	0.06	0.003	3.12	4.59	0.16
STD SU-1B	<0.01	<0.01	2.26	0.07	0.031	1.8	4.34	1.7
STD R4T	0.02	<0.01	2.18	0.05	0.018	1.42	3.93	0.93
TD OREAS131	<0.01	<0.01	5.43	0.05	0.002	3.12	4.57	0.15
STD SU-1B	<0.01	<0.01	2.26	0.08	0.032	1.83	4.41	1.75
STD R4T	0.01	<0.01	2.22	0.05	0.02	1.44	3.95	0.94
TD OREAS131	<0.01	<0.01	5.41	0.06	0.003	3.14	4.6	0.16
STD SU-1B	<0.01	<0.01	2.27	0.07	0.033	1.82	4.39	1.76
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK								
BLK								
BLK								
BLK								
BLK								

p74	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	7TD Na %
	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
BLK								
BLK								
BLK								
BLK								
BLK								
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
BLK	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01
Prep Wash								
G1	<0.01	<0.01	2.31	0.08	<0.001	0.59	7.01	2.73
G1	<0.01	<0.01	2.24	0.07	<0.001	0.59	6.99	2.65

p75	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
Sample			
46751	1.23	<0.01	0.05
46752	1.4	<0.01	<0.05
46753	1.39	<0.01	<0.05
46754	1.2	<0.01	0.05
46755	1.02	<0.01	0.06
46756	1.42	<0.01	0.06
46757	1.1	<0.01	<0.05
46758	1.41	<0.01	<0.05
46759	1.25	<0.01	<0.05
46760	1.3	<0.01	<0.05
46761	1.09	<0.01	0.13
46762	1.44	<0.01	0.06
46763	1.25	<0.01	<0.05
46764	1.12	<0.01	0.06
46765	1.12	<0.01	<0.05
46766	1.18	<0.01	<0.05
46767	1.07	<0.01	<0.05
46768	1.16	<0.01	0.11
46769	1.08	<0.01	<0.05
46770	1.44	<0.01	0.22
46771	1.42	<0.01	0.1
46772	1.62	<0.01	<0.05
46773	1.42	<0.01	<0.05
46774	1.15	<0.01	<0.05
46775	1.34	<0.01	<0.05
46776	1.51	<0.01	<0.05
46777	1.4	<0.01	<0.05
46778	1.03	<0.01	<0.05
46779	1.2	<0.01	<0.05
46780	1.63	<0.01	<0.05
46781	1.48	<0.01	0.09
46782	1.23	<0.01	<0.05

p76	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46783	1.44	<0.01	0.27
46784	1.47	<0.01	0.09
46785	1.61	<0.01	<0.05
46786	1.21	<0.01	<0.05
46787	1.29	<0.01	<0.05
46788	1.39	<0.01	<0.05
46789	1.19	<0.01	<0.05
46790	1.26	<0.01	<0.05
46791	1.38	<0.01	<0.05
46792	1.42	<0.01	<0.05
46793	1.24	<0.01	<0.05
46794	1.31	<0.01	<0.05
46795	1.29	<0.01	<0.05
46796	1.45	<0.01	<0.05
46797	1.57	<0.01	<0.05
46798	1.53	<0.01	<0.05
46799	1.41	<0.01	0.07
46800	1.28	<0.01	0.12
46801	0.12	<0.01	<0.05
46802	1.9	<0.01	<0.05
46803	1.47	<0.01	<0.05
46804	1.94	<0.01	<0.05
46805	1.6	<0.01	<0.05
46806	1.76	<0.01	<0.05
46807	1.38	<0.01	<0.05
46808	1.51	<0.01	<0.05
46809	1.52	<0.01	<0.05
46810	1.61	<0.01	<0.05
46811	1.6	<0.01	<0.05
46812	1.91	<0.01	<0.05
46813	1.84	<0.01	<0.05
46814	1.83	<0.01	<0.05
46815	2.09	<0.01	0.11
46816	2.08	<0.01	<0.05
46817	2.09	<0.01	0.06
46818	1.99	<0.01	0.17
46819	1.98	<0.01	0.05
46820	1.73	<0.01	<0.05
46821	1.84	<0.01	<0.05
46822	2.23	<0.01	<0.05
46823	2.31	<0.01	<0.05
46824	1.61	<0.01	0.8
46825	2.48	<0.01	0.31

p77	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46826	2.6	<0.01	0.06
46827	2.74	<0.01	<0.05
46828	2.66	<0.01	<0.05
46829	2.69	<0.01	0.07
46830	2.59	<0.01	<0.05
46831	2.8	<0.01	<0.05
46832	2.7	<0.01	<0.05
46833	2.73	<0.01	<0.05
46834	2.62	<0.01	0.07
46835	2.49	<0.01	0.06
46836	2.46	<0.01	<0.05
46837	2.67	<0.01	0.11
46838	2.83	<0.01	0.1
46839	2.12	<0.01	0.24
46840	2.57	<0.01	0.1
46841	2.2	<0.01	0.1
46842	2.57	<0.01	<0.05
46843	2.52	<0.01	<0.05
46844	1.31	<0.01	0.9
46845	1.67	<0.01	0.95
46846	1.85	<0.01	0.63
46847	1.63	<0.01	0.22
46848	1.36	<0.01	0.09
46849	1.74	<0.01	<0.05
46850	1.56	<0.01	<0.05
46851	1.59	<0.01	<0.05
46852	1.52	<0.01	<0.05
46853	1.59	<0.01	<0.05
46854	1.54	<0.01	<0.05
46855	1.93	<0.01	<0.05
46856	1.87	<0.01	<0.05
46857	1.92	<0.01	<0.05
46858	1.73	<0.01	<0.05
46859	1.68	<0.01	<0.05
46860	1.66	<0.01	0.09
46861	2.17	<0.01	0.13
46862	2.28	<0.01	0.05
46863	1.98	<0.01	1.28
46864	1.68	<0.01	2.3
46865	1.49	<0.01	0.49
46866	2.22	<0.01	<0.05
46867	1.66	<0.01	0.17
46868	2.73	<0.01	<0.05

p78	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46869	2.01	<0.01	0.11
46870	2.04	<0.01	<0.05
46871	2.09	<0.01	0.07
46872	2.7	<0.01	<0.05
46873	2.5	<0.01	0.09
46874	2.03	<0.01	0.11
46875	2.54	<0.01	0.1
46876	2.2	<0.01	<0.05
46877	2.1	<0.01	0.06
46878	2.58	<0.01	<0.05
46879	2.05	<0.01	<0.05
46880	2.43	<0.01	<0.05
46881	1.54	<0.01	1.1
46882	0.08	<0.01	5.11
46883	2.56	<0.01	0.85
46884	2.6	<0.01	0.57
46885	2.4	<0.01	0.78
46886	1.44	<0.01	0.27
46887	1.58	<0.01	0.13
46888	1.23	<0.01	0.52
46889	1.88	<0.01	0.35
46890	1.66	<0.01	0.68
46891	1.23	<0.01	3.12
46892	1.41	<0.01	0.37
46893	1.84	<0.01	<0.05
46894	1.8	<0.01	0.13
46895	1.98	<0.01	<0.05
46896	1.41	<0.01	<0.05
46897	1.06	<0.01	<0.05
46898	1.08	<0.01	<0.05
46899	2.21	<0.01	<0.05
46900	2.1	<0.01	<0.05
46901	1.85	<0.01	0.06
46902	1.54	<0.01	0.54
46903	1.21	<0.01	0.09
46904	0.82	<0.01	0.21
46905	2.2	<0.01	0.06
46906	2.2	<0.01	0.14
46907	1.78	<0.01	0.22
46908	1.01	<0.01	0.6
46909	0.58	<0.01	0.73
46910	1.69	<0.01	0.38
46911	2.37	<0.01	<0.05

p79	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46912	2.18	<0.01	<0.05
46913	1.91	<0.01	<0.05
46914	1.55	<0.01	<0.05
46915	1.69	<0.01	<0.05
46916	1.94	<0.01	0.06
46917	2.1	<0.01	0.12
46918	1.86	<0.01	<0.05
46919	2.29	<0.01	<0.05
46920	2.13	<0.01	0.07
46921	2.55	<0.01	0.06
46922	2.55	<0.01	0.44
46923	3.1	<0.01	1.24
46924	1.24	<0.01	2.67
46925	1.12	<0.01	0.92
46926	0.89	<0.01	4.58
46927	2.42	<0.01	0.43
46928	2.81	<0.01	<0.05
46929	2.31	<0.01	0.09
46930	1.11	<0.01	0.15
46931	1.37	<0.01	0.15
46932	2.26	<0.01	0.06
46933	1.97	<0.01	0.12
46934	1.84	<0.01	0.1
46935	1.95	<0.01	0.2
46936	2.83	<0.01	0.65
46937	1.96	<0.01	0.23
46938	2.65	<0.01	0.07
46939	1.81	<0.01	0.68
46940	1.71	<0.01	0.31
46941	0.21	<0.01	0.83
46942	0.31	<0.01	0.33
46943	1.99	<0.01	0.16
46944	2.45	<0.01	0.22
46945	1.92	<0.01	1.3
46946	1.52	<0.01	<0.05
46947	1.58	<0.01	0.08
46948	1.81	<0.01	<0.05
46949	1.93	<0.01	0.17
46950	2.34	<0.01	0.06
46951	1.87	<0.01	<0.05
46952	1.93	<0.01	<0.05
46953	1.79	<0.01	0.07
46954	2.3	<0.01	0.06

p80	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46955	2.39	<0.01	0.05
46956	1.89	<0.01	0.14
46957	1.19	<0.01	<0.05
46958	0.7	<0.01	0.28
46959	0.68	<0.01	0.09
46960	2.55	<0.01	0.07
46961	2.19	<0.01	<0.05
46962	1.33	<0.01	0.09
46963	0.99	<0.01	5.22
46964	2.53	<0.01	0.44
46965	1.96	<0.01	0.36
46966	2.26	<0.01	<0.05
46967	1.29	<0.01	0.1
46968	1.11	<0.01	0.64
46969	1.46	<0.01	0.12
46970	2.17	<0.01	0.19
46971	1.95	<0.01	0.29
46972	1.64	<0.01	0.24
46973	1.3	<0.01	0.29
46974	1.09	<0.01	1.03
46975	0.96	<0.01	1.53
46976	0.8	<0.01	1.57
46977	0.8	<0.01	0.7
46978	2.62	<0.01	0.07
46979	2.78	<0.01	0.06
46980	2.22	<0.01	0.46
46981	1.83	<0.01	0.25
46982	1.76	<0.01	0.48
46983	0.25	<0.01	0.31
46984	0.31	<0.01	0.21
46985	1.9	<0.01	0.11
46986	1.68	<0.01	0.05
'ulp Duplicates			
46757	1.1	<0.01	<0.05
46757			
46792	1.42	<0.01	<0.05
46792			
46883	2.56	<0.01	0.85
46883			
46958	0.7	<0.01	0.28
46958			
46821	1.84	<0.01	<0.05
46821			

p81	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46885	2.4	<0.01	0.78
46885			
46888	1.23	<0.01	0.52
46888	1.31	<0.01	0.53
46979	2.78	<0.01	0.06
46979			
46965	1.96	<0.01	0.36
46965			
46824	1.61	<0.01	0.8
46824	1.63	<0.01	0.82
46902	1.54	<0.01	0.54
46902			
46754	1.2	<0.01	0.05
46754			
46754	1.2	<0.01	0.05
46754	1.29	<0.01	0.05
46807	1.38	<0.01	<0.05
46807	1.37	<0.01	<0.05
46916	1.94	<0.01	0.06
46916	1.93	<0.01	0.06
46907	1.78	<0.01	0.22
46907			
46914	1.55	<0.01	<0.05
46914			
46948	1.81	<0.01	<0.05
46948			
46778	1.03	<0.01	<0.05
46778			
46793	1.24	<0.01	<0.05
46793			
46870	2.04	<0.01	<0.05
46870	2.07	<0.01	<0.05
46975	0.96	<0.01	1.53
46975	0.96	<0.01	1.53
aration Duplicates			
46778	1.03	<0.01	<0.05
46778	1.05	<0.01	<0.05
46813	1.84	<0.01	<0.05
46813	1.79	<0.01	<0.05
46848	1.36	<0.01	0.09
46848	1.38	<0.01	0.09
46883	2.56	<0.01	0.85
46883	2.54	<0.01	0.86

p82	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
46918	1.86	<0.01	<0.05
46918	1.9	<0.01	<0.05
46953	1.79	<0.01	0.07
46953	1.63	<0.01	0.08
erence Materials			
STD R4A			
STD R4A			
STD R4A			
STD R4A			
STD OXH66			
STD OXK79			
STD R4A			
STD R4A			
STD R4A			
STD R4A			
STD R4A			
STD R4A			
STD R4T	1.11	<0.01	12.25
TD OREAS131	3.39	<0.01	4.84
STD SU-1B	0.63	<0.01	8.52
STD OXH66			
STD R4A			
STD R4A			
STD R4T	1.23	<0.01	13.67
TD OREAS131	3.48	<0.01	5.01
STD SU-1B	0.64	<0.01	9.67
STD R4A			
STD R4A			
STD OXH66			
STD OXK79			
STD OXH66			
STD OXK79			
STD R4T	1.12	<0.01	11.99
TD OREAS131	3.28	<0.01	4.8
STD SU-1B	0.61	<0.01	8.91
STD R4T	1.15	<0.01	12.03
TD OREAS131	3.23	<0.01	5.05
STD SU-1B	0.61	<0.01	8.61
STD R4T	1.2	<0.01	12.29
TD OREAS131	3.42	<0.01	4.8
STD SU-1B	0.61	<0.01	8.6
STD OXH66			
STD OXK79			

p83	7TD K %	7TD W %	7TD S %
	0.01	0.01	0.05
STD OXH66			
STD OXK79			
STD OXH66			
STD OXK79			
STD OXH66			
STD OXK79			
STD OXK79			
STD R4T	1.23	<0.01	14.22
TD OREAS131	3.49	<0.01	4.86
STD SU-1B	0.64	<0.01	10.27
STD R4T	1.2	<0.01	12.9
TD OREAS131	3.45	<0.01	5.02
STD SU-1B	0.63	<0.01	8.78
STD R4T	1.21	<0.01	12.42
TD OREAS131	3.65	<0.01	4.61
STD SU-1B	0.8	<0.01	9.48
STD R4T	1.21	<0.01	11.72
TD OREAS131	3.21	<0.01	4.74
STD SU-1B	0.64	<0.01	7.51
BLK			
BLK			
BLK			
BLK			
BLK			
BLK			
BLK			
BLK	<0.01	<0.01	<0.05
BLK			
BLK			
BLK	<0.01	<0.01	<0.05
BLK			
BLK			
BLK			
BLK			
BLK			
BLK	<0.01	<0.01	<0.05
BLK	<0.01	<0.01	<0.05
BLK	<0.01	<0.01	<0.05
BLK			
BLK			
BLK			
BLK			
BLK			

p84	7TD K % 0.01	7TD W % 0.01	7TD S % 0.05
BLK			
BLK			
BLK			
BLK			
BLK			
BLK	<0.01	<0.01	<0.05
BLK	<0.01	<0.01	<0.05
BLK	<0.01	<0.01	<0.05
Prep Wash			
G1	1.78	<0.01	<0.05
G1	1.64	<0.01	<0.05