

Rio Tinto Exploration Canada Inc. Assessment Report
On the Cu-Ni-PGE Crystal Lake Project

Pardee, Devon, and Crooks Townships
NTS 52A/04
Thunder Bay Mining Division
Ontario, Canada

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Introduction

In late 2011, Rio Tinto Exploration Canada Inc. (RTECI) entered into an option agreement with Great Lakes Nickel (GLN) to acquire the GLN property in Pardee Township. This property covers the Crystal Lake Gabbro which has been extensively explored in the past by various companies including Great Lakes Nickel.

Work included in this assessment report includes re-assaying of historic core with a complete chemistry package, prospecting, 5 diamond drill holes, associated assays, and down hole geophysics. The re-assay work was completed in late 2013 and early 2014 while the field work was completed between May to October of 2014.

The work was completed by RTECI staff and contractors listed below.

Name	Position	Residence
David Simpson	Exploration Manager	Salt Lake City, UT
Dean Rossell	Principle III Geologist	Duluth, MN
Brian Goldner	Sr. Project Geologist	Salt Lake City, UT
John Storie	Sr. Project Geologist	Tamarack, MN
Steve Hovis	Principle II Geologist	Duluth, MN
Robert Rush	Project Geologist	Duluth, MN
Dan Foley	Project Geologist	Duluth, MN
Gavin Wagoner	Project Geologist	Duluth, MN
Holly Keyes	HSEC Coordinator	Vancouver, BC
Christophe Hyde	Principle I Geoscientist	Vancouver, BC
Harish Kumar	Sr. Project Geoscientist	Vancouver, BC
Arron Jergenson	Sr. Project Geologist	Arizona
Pat Farah	Project Coordinator	Tamarack, MN
Ron Wyttenback	Project Coordinator	Tamarack, MN
Alberto Rivera	Project Coordinator	Tamarack, MN
Steve Crowell	Contract Geologist	Nova Scotia
Jesse Koroscil	Contract Geologist	Thunder Bay, ON
Shannon Molloy	Contract Geologist	Thunder Bay, ON
Matt Karaala	Field Tech	Thunder Bay, ON

Location and Access

The Crystal Lake Gabbro is located approximately 40km south of Thunder Bay Ontario on Hwy 61, only a few kilometres north of the Canada USA border (Figure 1). Access to the property was achieved using the Great Lakes Nickel road off of highway 61 then by using historic bush trails that were pushed in by the exploration companies who worked on the property in the past. These trails needed to be touched up to remove overgrowth but no major work was required.

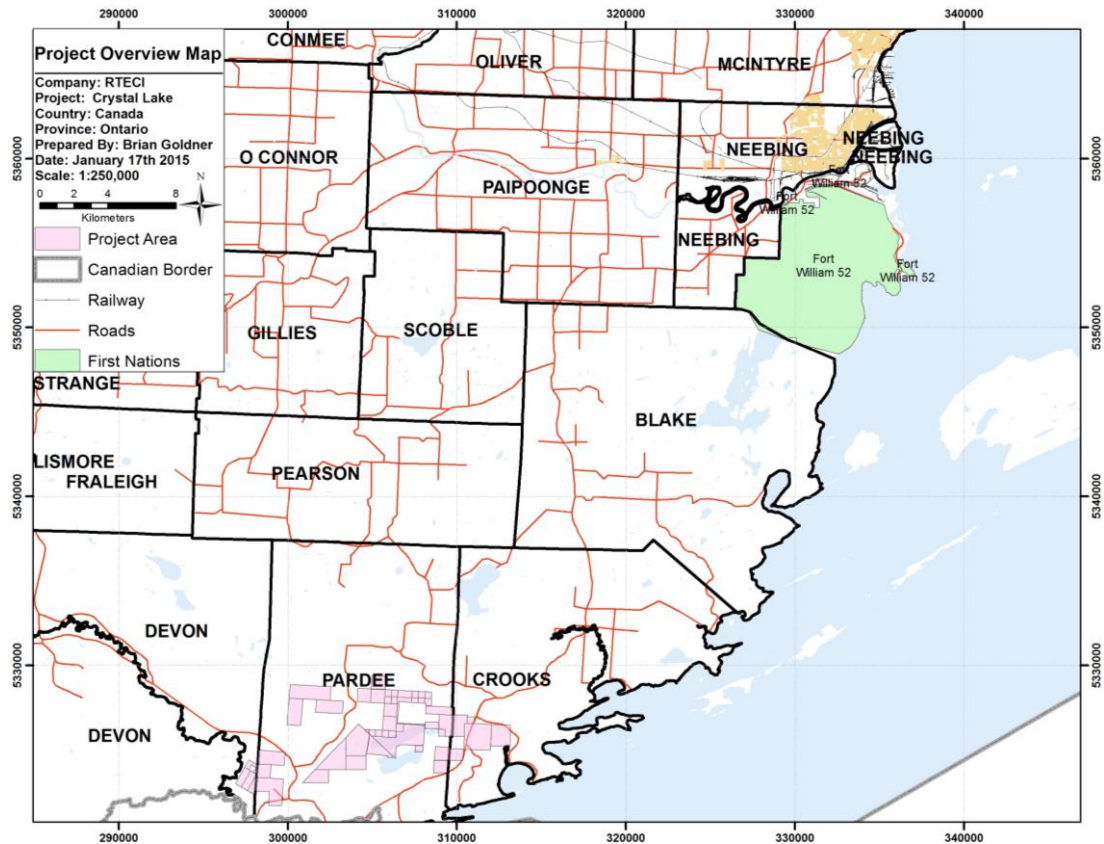


Figure 1: Project area map

Trucks were used to transport crews and supplies from Thunder Bay to the staging area at the base of Crystal Lake but due to the grade of the trails leading up to the top of the ridge UTV's were required to get up to the drill sites.

Property Status

The Crystal Lake property consists of 27 claims made of 167 claim units totalling 2672 Ha and 27 leases over 952.66Ha. These claims and leases are described in the tables below and shown in Figure 2.

Claim Number	Owner	Township/Area	Recorded	Claim Units	Ha
1238168	RTECI (100%)	Pardee	March 28, 2007	8	128
1238182	RTECI (100%)	Pardee	March 28, 2007	6	96
1238183	RTECI (100%)	Pardee	March 28, 2007	16	256
1238184	RTECI (100%)	Devon	April 27, 2007	3	48
1238185	RTECI (100%)	Devon	April 27, 2007	3	48
1238186	RTECI (100%)	Devon	April 27, 2007	3	48
3016282	RTECI (100%)	Pardee	March 28, 2007	6	96
4210932	RTECI (100%)	Pardee	March 21, 2007	8	128
4210933	RTECI (100%)	Pardee	March 21, 2007	16	256
4210934	RTECI (100%)	Pardee	March 21, 2007	4	64
4247184	RTECI (100%)	Pardee	September 18, 2013	4	64
4247185	RTECI (100%)	Pardee	September 18, 2013	1	16
4247186	RTECI (100%)	Pardee	September 18, 2013	8	128
4247187	RTECI (100%)	Pardee	September 18, 2013	12	192
4247188	RTECI (100%)	Pardee	September 18, 2013	8	128
4247189	RTECI (100%)	Pardee	September 18, 2013	1	16
4247190	RTECI (100%)	Devon	September 18, 2013	2	32
4277401	RTECI (100%)	Pardee	March 6, 2014	5	80
4277402	RTECI (100%)	Crooks	March 6, 2014	12	192
4277403	RTECI (100%)	Pardee	March 6, 2014	4	64
4277404	RTECI (100%)	Crooks	March 6, 2014	1	16
4277405	RTECI (100%)	Pardee	March 6, 2014	2	32
4277427	RTECI (100%)	Crooks	March 6, 2014	16	256
4277428	RTECI (100%)	Crooks	March 6, 2014	9	144
4277430	RTECI (100%)	Crooks	March 6, 2014	4	64
4277450	RTECI (100%)	Pardee	June 24, 2014	4	64
4247159	RTECI (100%)	Pardee	July 14, 2014	1	16

Table 1: List of Crystal Lake claims

Lease	Project	Area
107289	Crystal Lake	266.8400 Ha
107331	Crystal Lake	92.7600 Ha
108293	Crystal Lake	64.7500 Ha
108294	Crystal Lake	64.7500 Ha
108295	Crystal Lake	64.7500 Ha
108296	Crystal Lake	32.3800 Ha
108297	Crystal Lake	16.1900 Ha
108298	Crystal Lake	16.1900 Ha
108299	Crystal Lake	38.8500 Ha
108300	Crystal Lake	16.1900 Ha
108301	Crystal Lake	64.7500 Ha
108866	Crystal Lake	16.0400 Ha
108867	Crystal Lake	15.0100 Ha
108868	Crystal Lake	17.2670 Ha
108869	Crystal Lake	3.8940 Ha
108870	Crystal Lake	5.0320 Ha
108871	Crystal Lake	5.0200 Ha
108872	Crystal Lake	16.1900 Ha
108873	Crystal Lake	22.6600 Ha
108874	Crystal Lake	16.1100 Ha
108875	Crystal Lake	16.1100 Ha
109044	Crystal Lake	15.5400 Ha
109045	Crystal Lake	15.6400 Ha
109046	Crystal Lake	9.9900 Ha
109047	Crystal Lake	10.0500 Ha
109048	Crystal Lake	14.0300 Ha
109049	Crystal Lake	15.6800 Ha

Table 2: List of Crystal Lake leases

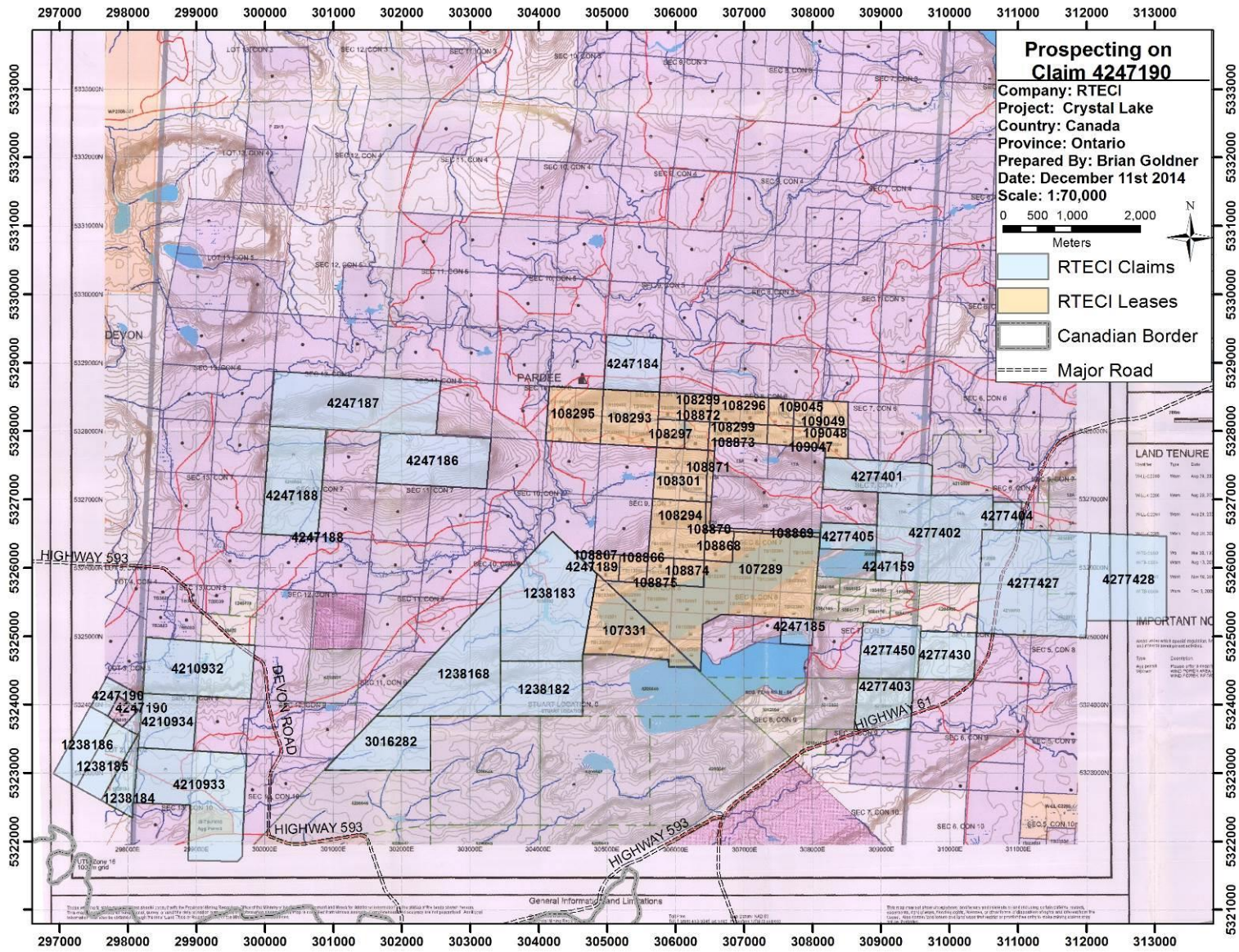


Figure 2: Property Overview Map

Previous Work

1965-1966: Grasset Lakes Mines Ltd drills holes G-65-1 (99 m) and G-66-1 (441 m) on current claim 4210865 at the north end of the Arrow property.

1966-1968: Bordun Mining Corporation drilled 11 diamond drill holes totaling 2,192 m, in the Start Location, directly west of Crystal Lake and Lenore Lake.

Between 1967 to 1969, Phelps Dodge Corporation of Canada Limited carried out exploration programs along the Pine River - Mount Mollie Gabbro feeder dyke that cuts through the eastern portion of the property. The work consisted of geophysical and geological surveys followed-up by 3,028m of diamond drilling in 7 holes.

1968-1969: I.C. Christopher drilled 3 diamond drill holes totaling 773 m, in the Stuart Location, immediately west of Bordun's claims.

In 1987, a 380 line km Aerodat helicopter magnetics and EM airborne survey was flown under contract for Platinum Exploration Canada Inc.

1998: Falconbridge acquires an airborne Dighem electro-magnetic and magnetic survey from Geotrex-Dighem over a large area, some of which includes minor parts of the Arrow property.

1999: Falconbridge drills PR99-03 at a depth of 298 m, 640 m south of the Arrow property, on their grid PR-03 in the Stuart Location.

1999-2002: Dumont Nickel Inc. and North Atlantic Nickel Corp. drill 6 diamond drill holes totaling 2,482 m, at the northwestern end of the Arrow property.

2002: McVicar Minerals Ltd and BHP Billiton acquire from Fugro Airborne Surveys a MEGATEM electro-magnetic survey in the Pardee and Crook townships, over an area which includes a minor part of the current Arrow property in the Stuart Location.

Regional Geology

The Mesoproterozoic Midcontinent Rift (MCR) is a large igneous province that formed from plume influenced intercontinental rifting at ~1.1Ga (Hutchinson et al., 1990). The MCR extends along a 2000km arcuate path from the Lake Superior region to as far south as Kansas and as far southeast as Michigan as shown in figure 3 (Van Schmus and Hinze, 1985). The rift, though only exposed in the Lake Superior region, is known to be as thick as 20km with an estimated lava volume of $2 \times 10^6 \text{ km}^3$ and was thought to be emplaced in 23 million years between 1109Ma and 1186Ma (Davis and Paces, 1990, Cannon et al., 1989, Cannon 1992).

In addition to the extrusive rocks emplaced during the rift a large amount of intrusive rocks were emplaced including the Duluth Complex, Mellen Complex, Coldwell Complex, and the Beaver Bay Complex in addition to various smaller intrusions such as the Eagle intrusion, Tamarack intrusion, Crystal Lake intrusion, and Sonju Lake intrusion (Goldner 2011). Many of these intrusions are known to produce high grade mineralization often with impressive PGE values.

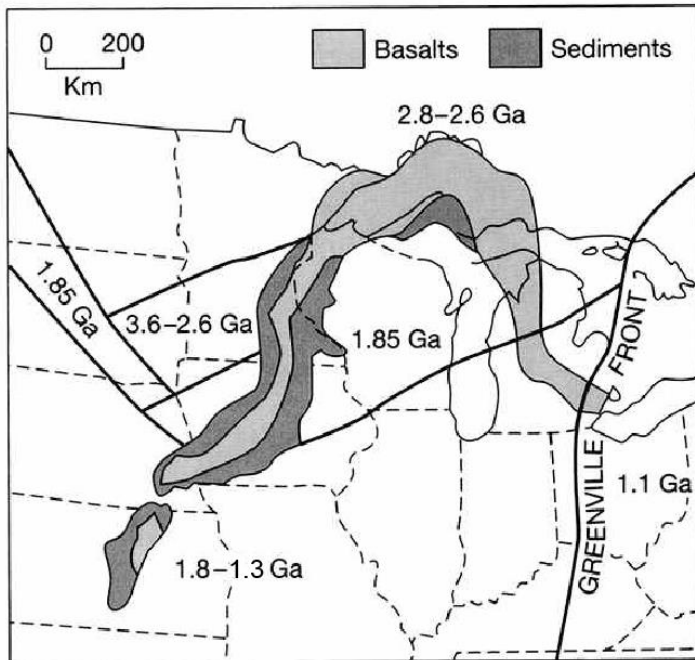


Figure 3: Shows the extent of the MCR from Meyers, 2008

Diamond Drilling

A total 3170.13m over five diamond drill holes was drilled by Downing Drilling between May 29th and August 8th 2014. Three of these holes targeted the north arm of the intrusion and the other two tested the south arm. All of the drill core was HQ in size and was transported to the core shed in Thunder Bay each morning for logging, processing, and storage.

Hole ID	Easting	Northing	Elevation (m)	Azimuth	Dip	Depth (m)
14CL0001	305453.19	5328330.35	493.5	180	-85	873.78
14CL0002	304910.98	5328353.10	474.4	180	-85	607.35
14CL0003	306239.91	5326523.72	486.9	180	-85	828
14CL0004	306257.28	5326463.62	484.1	0	-90	60
14CL0005	305184.28	5328349.54	494.1	180	-85	801

Table 3: Summary of 2014 Drill Holes

Due to the remote nature of this work RTECI required a medic to be on site with the drill crew 24 hours a day. In addition, RTECI operates drills with three man crews instead of the traditional two person crews to ensure our safety standards are met.

Core Data Collection

HQ drill core was placed in 1m long wooden boxes and transported from the drill site to the staging area by UTV or tracked vehicle. From there it was loaded into a pickup truck and driven to the core shed for processing and storage. Figure 4 illustrates the path that the drill core followed from the time it reached the surface at the drill through data collection and sampling.

Extensive geotechnical, geological, and geophysical data is collected from each drill core. This includes

- Geotechnical- Total Core Recovery, Solid Core Recovery, and Longest Piece
- Geophysical- Magnetic Susceptibility
- Geological- Lithology, Structures, Mineralization
- Physical- Density

All data was entered directly into an acquire database at the time of collection.

Where?	Who?	What?
Drill Site	Drilling Crew	Retrieve core tube Box marking, front (Hole ID, box #) Transfer core from tube to core box Mark driller's breaks Insert depth blocks Stack core boxes in UTV and secure with lids
	Project Coordinator/ Geologists	Drive core to pickup truck at staging area Drive pickup truck to core shed Transfer core to logging tables
Core Shed	Geologists	Box marking (Hole ID, From, To) Core restoration and cleaning Orient core using ACT tool marks Run recovery logging geology "quick log"
	Geologists	Detailed geology logging Density measurements Mag Sus logging Sample interval marking Core Photography
Core Shed	Core Technicians	Transfer core to sawing area Lengthwise cutting of core and subsequent sampling of core.
Core Shed	Geologists	Samples packaged for shipment Samples shipped to lab

Figure 4: Drill core flowchart

Sampling Method and Approach

When sampling drill core for analysis lithology breaks were honoured when possible and sample sizes were capped at 3m for unmineralized material and 1.5m intervals for mineralized core. Samples were cut in half longitudinally with the use of a core saw and a representative half of the drill core was dried and submitted to the laboratory for geochemical analysis.

Quality Control

Quality control samples consisting of blanks, duplicates, and standards were inserted into the sampling sequence approximately 1 in every 10 samples. Matrix matched mafic rocks were used as blank material and professionally prepared sample material of high, medium, and low Cu, Ni, S, and PGE grades were used as Standards. Duplicates samples were collected by quartering the core sample being sent to the laboratory. Finally, all individual samples were weighed, with each weight recorded in the database. The weights provide a simple way to verify if a given sample has been inadvertently switched with another during the assaying process.

Each batch of assay data received from the laboratory under goes Quality Control/Quality Assurance checks. Results from the sample standards are plotted to determine if the values reported by the lab are within acceptable tolerance of the know values. Blank samples are checked to monitor for carry-over contamination. The lab is notified of any values that are outside of tolerance and may be asked to re-run specific samples. Once an assay batch has passed QA/QC the data is loaded into the Acquire database.

Sample Preparation, Analyses, and Security

Each sample was placed in a sealed plastic sample bag with a sample number and securely stapled shut. For shipping to the laboratory, individual samples were placed in collapsible shipping totes each of which was assigned a number. The tote number, total number of totes, and list of samples included in the shipment were recorded on a sample tracking sheet, a copy of which was sent to the assay laboratory. Totes were then loaded into the back of a pickup truck and transported to the ALS laboratory in Thunder Bay Ontario. Upon receipt, the lab inventoried the sample shipment against the provided sample list to be sure that all samples were accounted for.

Once the samples arrived at the laboratory they were scanned, dried and weighed before going through the prep facility. In the prep facility the samples were crushed to 70% passing 2mm fraction size and then a representative 1kg split was taken from the crushed allotment. This subsample was then pulverized to 85% passing 75 microns in size. After the prep was completed the sample was submitted for assay. All samples, whether mineralized or barren, were submitted for ALS's Complete Characterization package (CCP-PKG03) with the PGE add on as shown in the chart below (figure 5).

When over limit values were triggered the samples were automatically run for high grade PGE's using PGM-ICP27 and high grade Cu-Ni using OG-62.

ANALYTES AND RANGES (ppm)								CODE	PRICE PER SAMPLE (\$)
SiO ₂	0.01-100%	MgO	0.01-100%	TiO ₂	0.01-100%	BaO	0.01-100%	ME-ICP06	Sold only as a complete package. CCP-PKG01 68.10 CCP-PKG03 Includes ME-XRF26 instead of ME-ICP06. 83.10
Al ₂ O ₃	0.01-100%	Na ₂ O	0.01-100%	MnO	0.01-100%	LOI	0.01-100%		
Fe ₂ O ₃	0.01-100%	K ₂ O	0.01-100%	P ₂ O ₅	0.01-100%				
CaO	0.01-100%	Cr ₂ O ₃	0.01-100%	SrO	0.01-100%				
Ba	0.5-10,000	Hf	0.2-10,000	Sn	1-10,000	Y	0.5-10,000	ME-MS81	
Ce	0.5-10,000	Ho	0.01-1,000	Sr	0.1-10,000	Yb	0.03-1,000		
Cr	10-10,000	La	0.5-10,000	Ta	0.1-2,500	Zr	2-10,000		
Cs	0.01-10,000	Lu	0.01-1,000	Tb	0.01-1,000				
Dy	0.05-1,000	Nb	0.2-2,500	Th	0.05-1,000				
Er	0.03-1,000	Nd	0.1-10,000	Tm	0.01-1,000				
Eu	0.03-1,000	Pr	0.03-1,000	U	0.05-1,000				
Ga	0.1-1,000	Rb	0.2-10,000	V	5-10,000				
Gd	0.05-1,000	Sm	0.03-1,000	W	1-10,000			ME-4ACD81	
Ag	0.5-100	Cu	1-10,000	Ni	1-10,000	Zn	2-10,000		
Cd	0.5-1,000	Li	10-10,000	Pb	2-10,000				
Co	1-10,000	Mo	1-10,000	Sc	1-10,000			ME-MS42	
As	0.1-250	Hg	0.005-25	Se	0.2-250	Tl	0.02-1,000		
Bi	0.01-250	Sb	0.05-250	Te	0.01-250			ME-IR08	
C	0.01-50%	S	0.01-50%						

ANALYTE	RANGE (ppm)	DESCRIPTION	CODE	PRICE PER SAMPLE (\$)
Trace Level				
Pt Pd Au	0.0001-1 0.0001-1 0.001-1	Super trace Pt, Pd and Au by fire assay and ICP-MS finish. 30g nominal sample weight	PGM-MS23L	23.10
Pt Pd Au	0.0005-1 0.001-1 0.001-1	Pt, Pd and Au by fire assay and ICP-MS finish. 30g nominal sample weight 50g nominal sample weight	PGM-MS23 PGM-MS24	20.10 23.15
Rh	0.001-1	Rh by fire assay, gold collection and ICP-MS 30g nominal sample weight	Rh-MS25	22.10
Intermediate Level				
Pt Pd Au	0.005-10 0.001-10 0.001-10	Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight 50g nominal sample weight	PGM-ICP23 PGM-ICP24	18.90 22.05
Pt Pd Ir Os Rh Ru Au	0.02-10 0.02-10 0.001-10 0.01-10 0.005-10 0.05-10 0.001-10	Pt, Pd, Ir, Os, Rh, Ru and Au by fire assay with nickel sulfide collection and neutron activation analysis. 30g nominal sample weight Note: Au is not quantitative by this method.	PGM-NAA26	By Quotation
Ore Grade				
Pt Pd Au	0.03-100 0.03-100 0.03-100	Pt, Pd and Au by fire assay and ICP-AES finish. 30g nominal sample weight	PGM-ICP27	22.90

Figure 5: Table of analytical methods used and limitations from ALS 2014 fee schedule

After QAQC had passed on all batches the master pulps were shipped to RTECI storage and the coarse rejects were kept in paid storage until they are no longer being used, at which time, they will be destroyed.

Drill Holes

14CL0001

Drill hole 14CL0001 was drilled at an orientation of 180/-85 on lease 108293 between June 8th and June 24th of 2014 (Figure 6). A total of 376 samples were collected from this 873.78m HQ hole, all of which were sent for complete characterization litho geochemistry with the PGE add on.

A cross section of this drill hole is shown in figure 7 while the assays, sample intervals, and drill logs are found in the appendix.

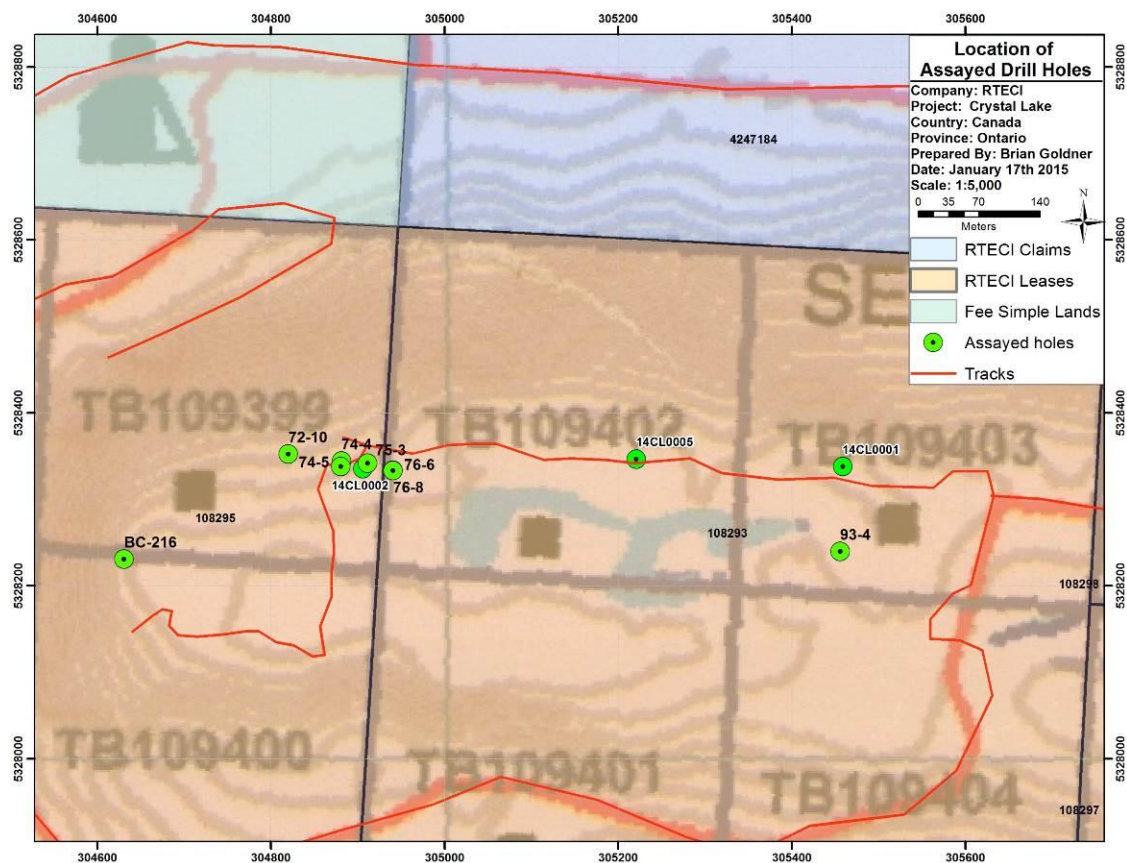


Figure 6: Map showing locations of holes that have been assayed

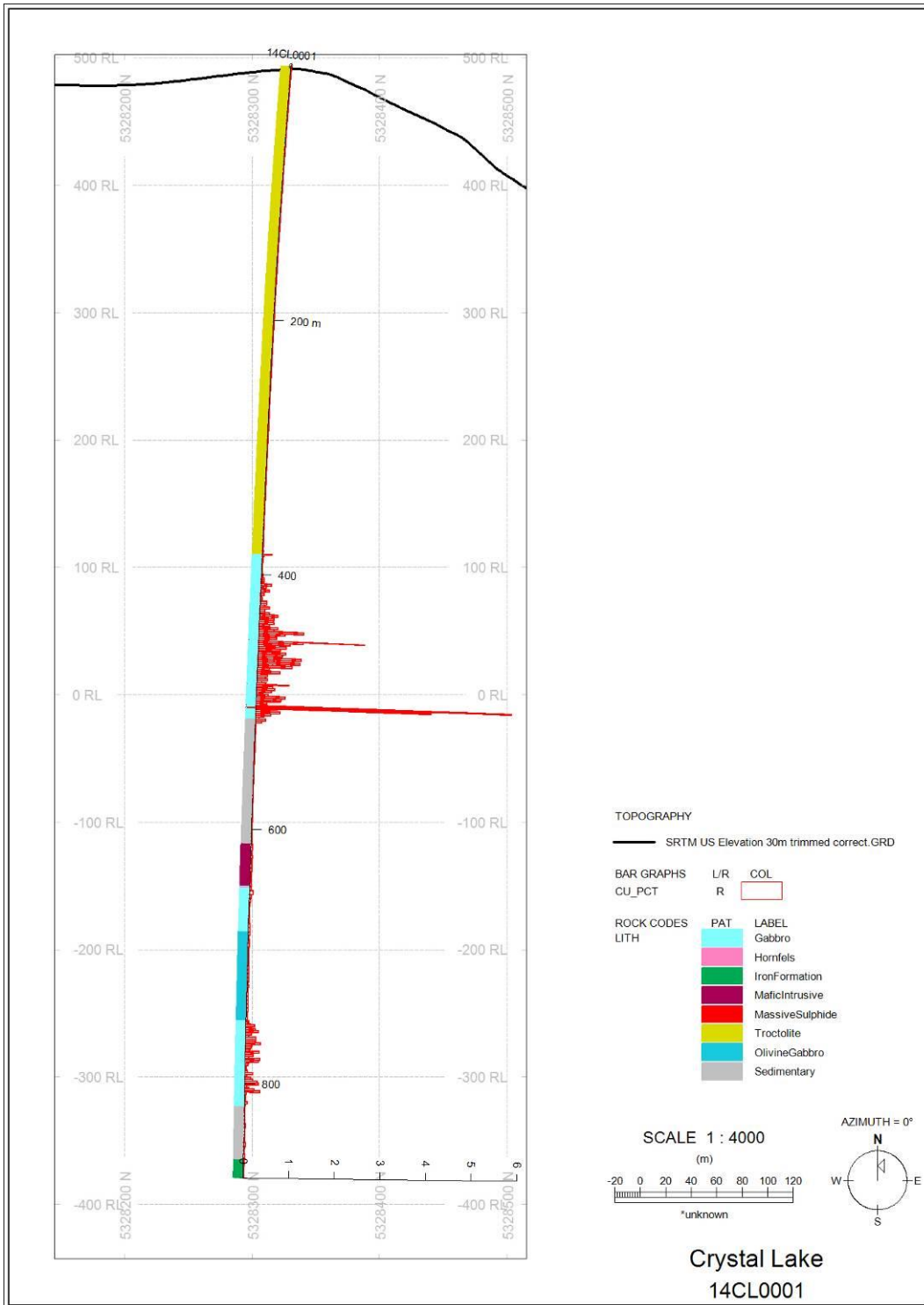


Figure 7: Cross section of hole 14CL0001 with red bars representing copper content.

14CL0002

Drill hole 14CL0002 was drilled at an orientation of 180/-85 on lease 108295 between June 25th and July 5th of 2014 as shown in figure 6. A total of 254 samples

were collected from this 607.35m HQ hole, all of which were sent for complete characterization litho geochemistry with the PGE add on.

A cross section of this drill hole is shown in figure 8 while the assays, sample intervals, and drill logs are found in the appendix.

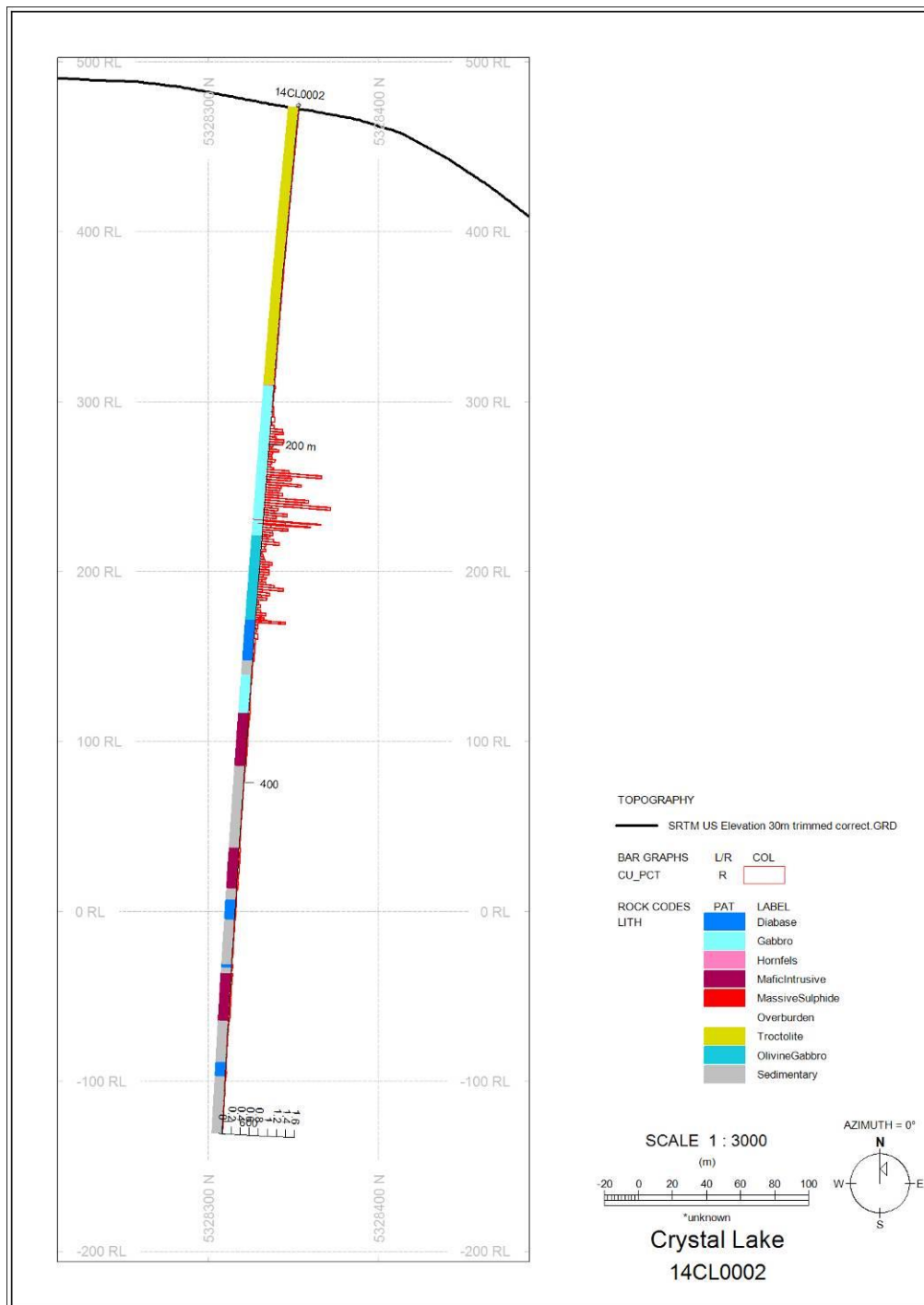


Figure 8: Cross section of hole 14CL0002 with red bars representing copper content.

14CL0003

Drill hole 14CL0003 was drilled at an orientation of 180/-85 on lease 108294 (figure 9) between July 8th and July 23rd of 2014. A total of 323 samples were collected from this 828m HQ hole, all of which were sent for complete characterization litho geochemistry with the PGE add on.

A cross section of this drill hole is shown in figure 10 while the assays, sample intervals, and drill logs are found in the appendix.

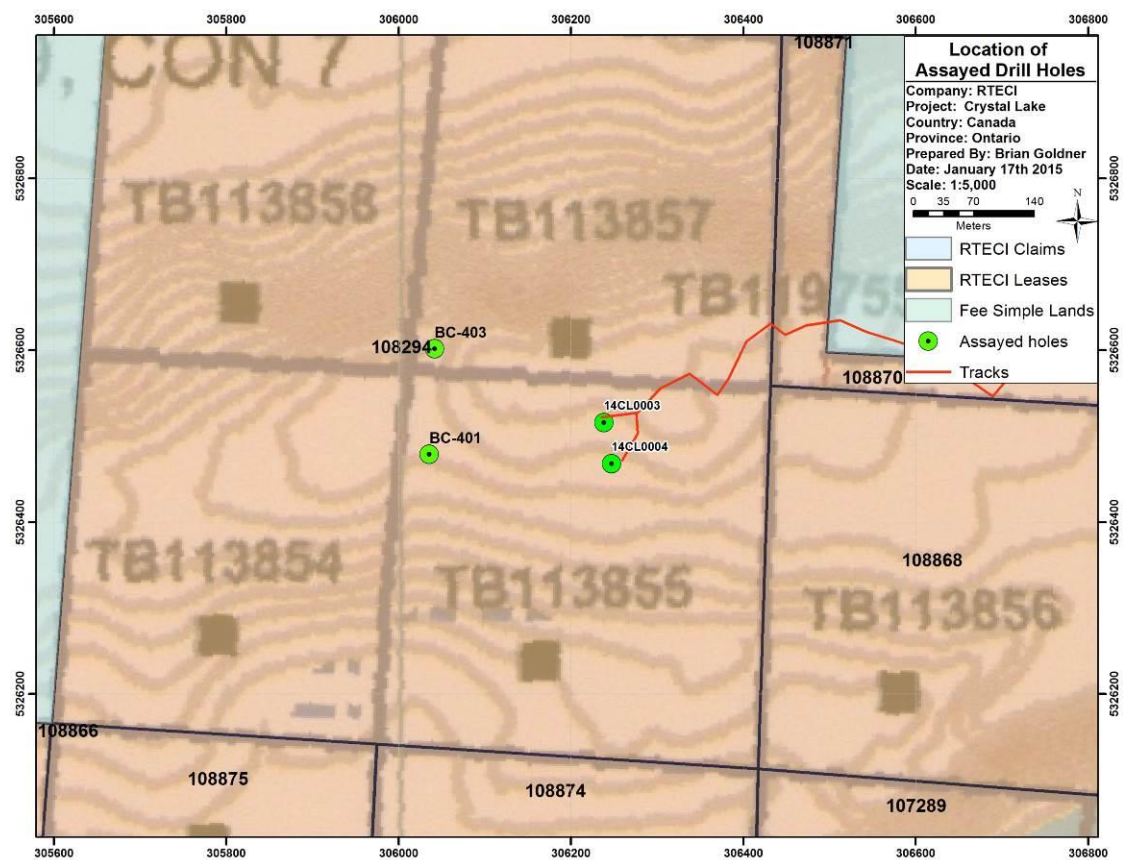
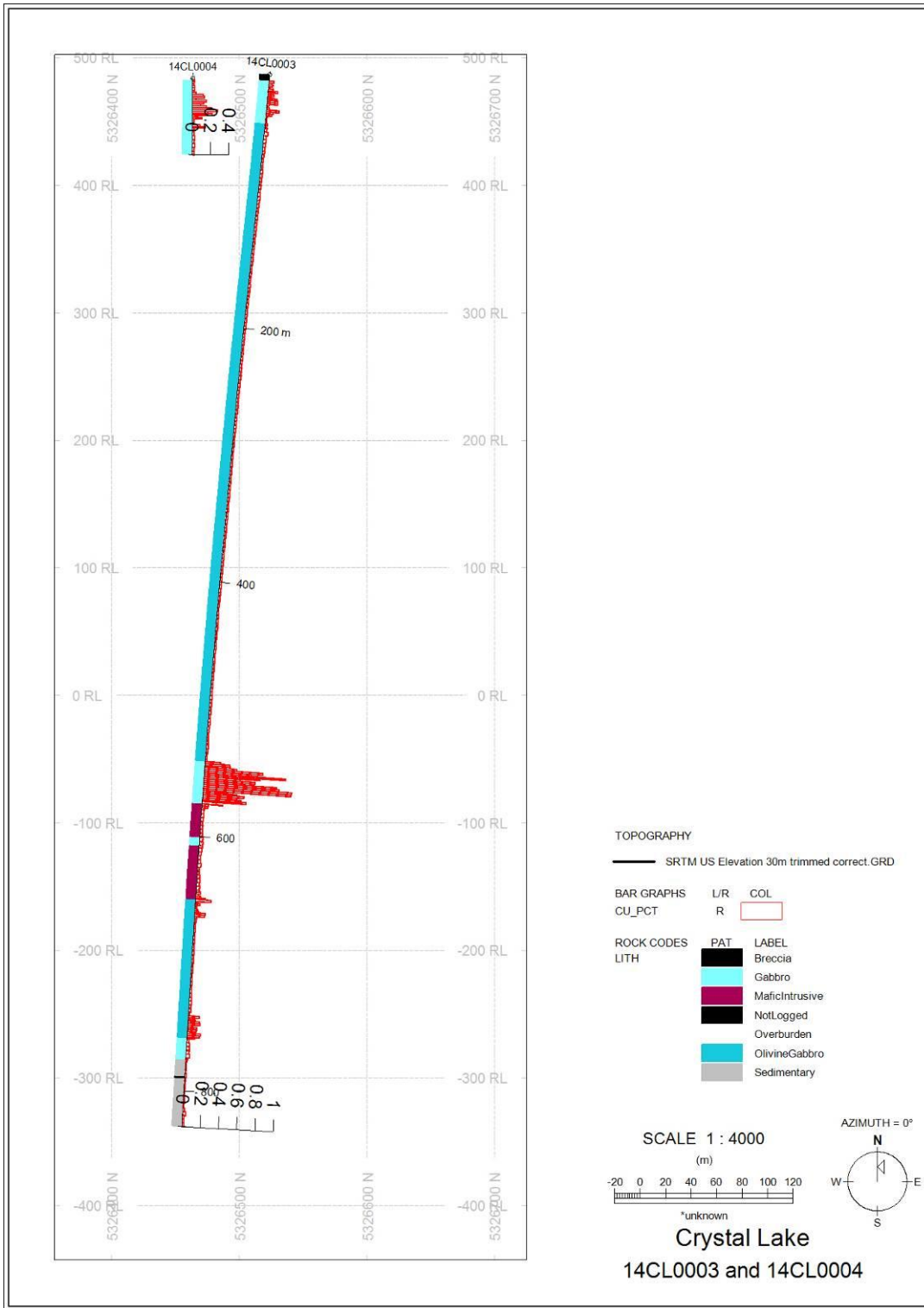


Figure 9: Map showing locations of drill holes that have been assayed



this 60m HQ hole, all of which were sent for complete characterization lithochemistry with the PGE add on.

A cross section of this drill hole is shown in figure 10 while the assays, sample intervals, and drill logs are found in the appendix.

This hole was targeting the peak of the airborne EM anomaly initially intersected in 14CL0003. Interestingly the mineralization intersected in this hole was coarser and higher grade than the similar mineralization encountered in 14CL0003.

14CL0005

Drill hole 14CL0005 was drilled at an orientation of 180/-85 on lease 108293 between July 27th and August 8th of 2014. A total of 342 samples were collected from this 801m HQ hole, all of which were sent for complete characterization lithochemistry with the PGE add on.

A cross section of this drill hole is shown in figure 11 and a map showing the location of the collar is shown in figure 6. The assays, sample intervals, and drill logs are found in the appendix.

14CL0005 was targeting the off hole response from the DHEM on 14CL0001 but failed to identify mineralization at the target depth. The rock at the modeled depth of the off hole conductor was a carbonaceous slate which is interpreted to be the cause of the off hole anomaly.

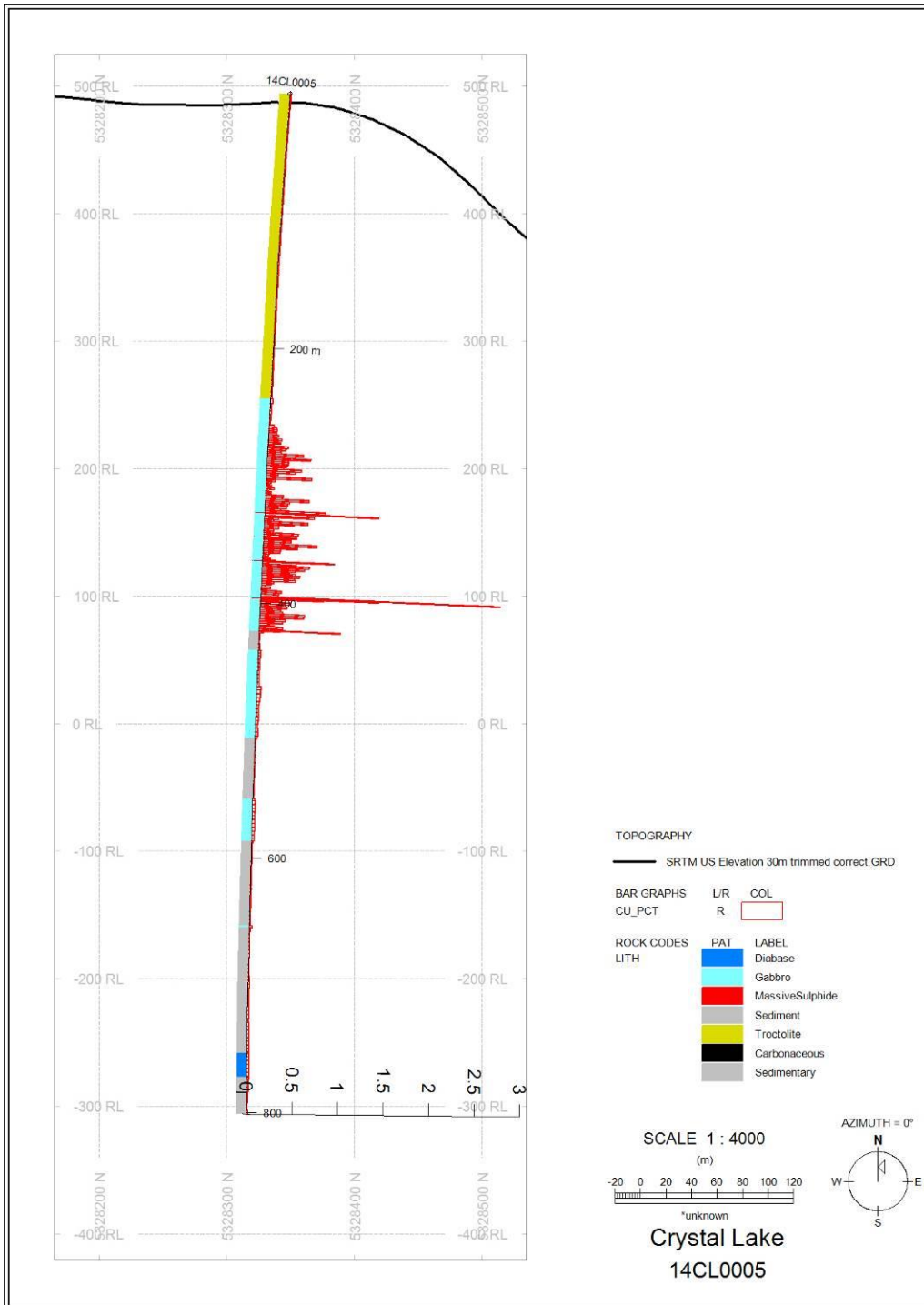


Figure 11: Cross section of hole 14CL0005 with red bars representing copper content.

Drill Site Reclamation

The reclamation of the 5 drill sites was completed upon demobilisation of the drill rig and included the backfilling of sumps, drill pad levelling and smoothing (back blading). This work was supervised by RTECI and photo documented. RTECI also reseeded all sites with MTO #3 at the recommendation of Gord Persson with Bio Consulting out of Kakabeka Falls.

Re-assaying

The historic assay data associated with the Crystal Lake intrusion was found to be incomplete and was often limited to just a few elements. To gain a better understanding of the geochemistry at Crystal Lake a diverse group of historic drill cores were selected for reanalysis. Great Lakes Nickel constructed an adit into the Crystal Lake Gabbro where the bulk of their exploration was conducted. Many of the drill holes that were selected for reassaying came from the adit since it is no longer accessible.

The core is stored in Parry Sound Ontario and over the course of three campaigns was collected, logged, and shipped to another RTECI coreshed for processing and sampling. All samples were submitted for the complete characterization method with PGE add-on. Core size ranged from AX in the underground holes to BQ for the holes drilled from surface. Core quality was excellent for the underground holes but the holes that were drilled from surface were often missing intervals, mostly from the upper troctolite.

Whole core was always cut with a core saw such that half was sent for analysis and the other half remained in the box. When the core was half core an attempt was made to cut core into ¼ core when it was large enough to safely cut. Split AX core was too small to quarter so the remaining core was consumed in the reassay.

Resampling was conducted from November 17th to December 13th of 2013 and from March 31st 2014 to May 1st 2014, and hole CRLK_209748 was resampled between August 20th and November 1st.

HOLEID	EAST	NORTH	RL	GRIDNAME	DEPTH	Azimuth	Dip
CRLK-140	306189	5328243	456.48	NAD83_UTM_16N	785.47	0	-90
CRLK-72-10	304820.2	5328353	326.02	NAD83_UTM_16N	60.96	2.9	-48.5
CRLK-74-4	304881.5	5328345	314.18	NAD83_UTM_16N	107.9	2.9	1
CRLK-74-5	304880.7	5328338	313.19	NAD83_UTM_16N	96.62	182.9	-71.5
CRLK-75-3	304911.5	5328342	307.45	NAD83_UTM_16N	107.9	2.9	-2.5
CRLK-76-6	304940.9	5328334	300.28	NAD83_UTM_16N	122.53	182.9	-65
CRLK-76-8	304940.9	5328333	300.47	NAD83_UTM_16N	146.3	182.9	-27.5
CRLK-77-2	304972.5	5328335	294.67	NAD83_UTM_16N	96.62	2.9	-50
CRLK-93-4	305456	5328240	194.79	NAD83_UTM_16N	227.99	2.9	-70
CRLK-BC-216	304631.1	5328231	490.27	NAD83_UTM_16N	124.97	0	-90
CRLK-BC-300	307821	5327368	467	NAD83_UTM_16N	706.22	0	-90
CRLK-BC-401	306036	5326479	477	NAD83_UTM_16N	495.6	0	-90
CRLK-BC-403	306042	5326602	483	NAD83_UTM_16N	355.5	0	-90
CRLK-TB-14	306707.2	5327840	420.06	NAD83_UTM_16N	1158.85	0	-90
CRLK-TB-17	307293	5326785	467.67	NAD83_UTM_16N	353.26	0	-90
CRLK-TB-19	307342.3	5326673	458.7	NAD83_UTM_16N	788.52	0	-90
CRLK-TB-20W2	307364	5326626	454	NAD83_UTM_16N	914.4	0	-90
CRLK_209748	311980.1	5325402	216.11	NAD83_UTM_16N	751.5	0	-90

Table 4: Collar details for re-assayed holes

CRLK-140

A total of 142 complete characterization samples were taken from this 785.47m vertical hole on lease 108872. Much of the upper portion of this hole was not retained in the core shed but there was a skeleton section of the drill core that was retained and sampled. The main purpose of resampling this hole was to increase the geochemical database for the project by sampling this long interval of core.

Drill hole location is shown on the map in Figure 12 with a cross section of the hole in figure 13. The sample intervals and geochemical data are found in the appendix.

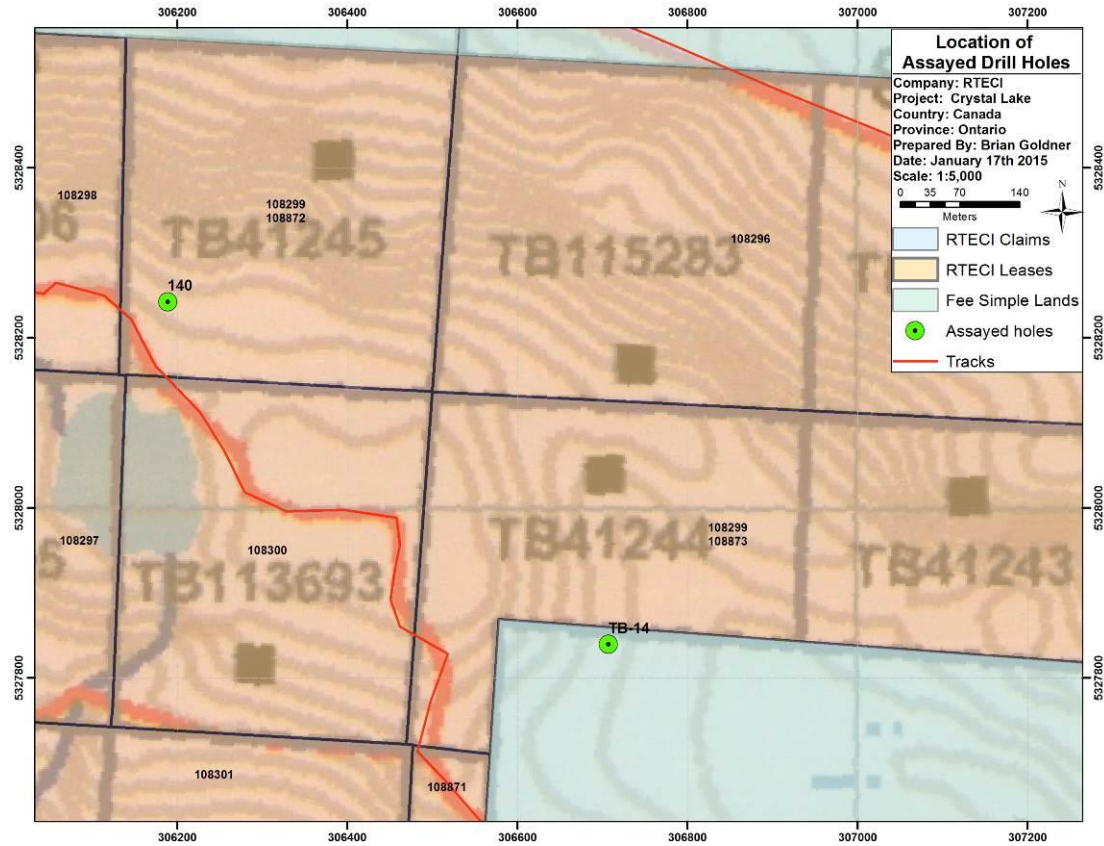


Figure 12: Map showing collar locations for holes CRLK-140 and TB-14

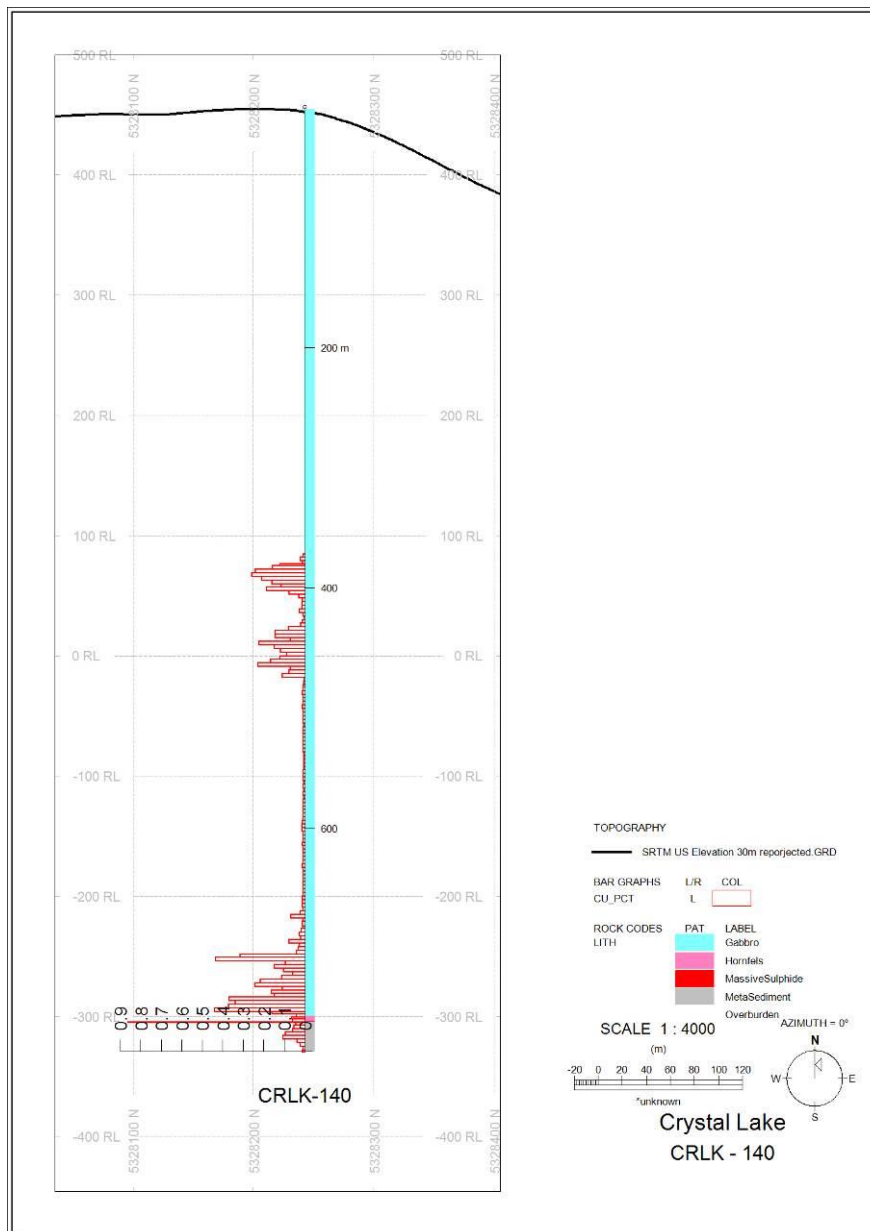


Figure 13: Cross section of hole CRLK-140 with red bars representing copper content.

CRLK-72-10

Hole 72-10 was an underground hole drilled from the adit at an orientation of 2.9/-48.5 on lease 108295. A total of 19 samples were collected from this short 60.96m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 14. The sample intervals and geochemical data are found in the appendix.

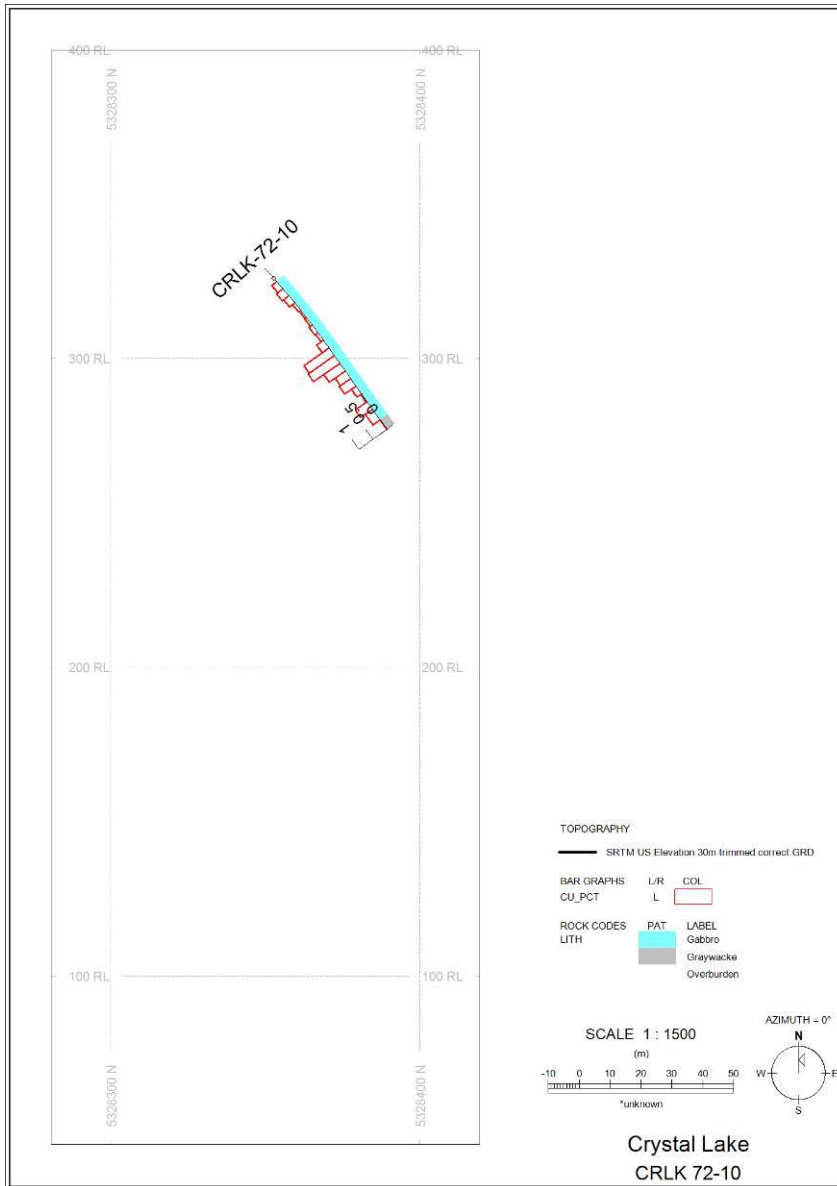


Figure 14: Cross section of hole CRLK-72-10 with red bars representing copper content.

CRLK-74-4

Hole 74-4 was an underground hole drilled from the adit at an orientation of 2.9/+1 on lease 108295. A total of 37 samples were collected from this short 107.9m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 15. The sample intervals and geochemical data are found in the appendix.

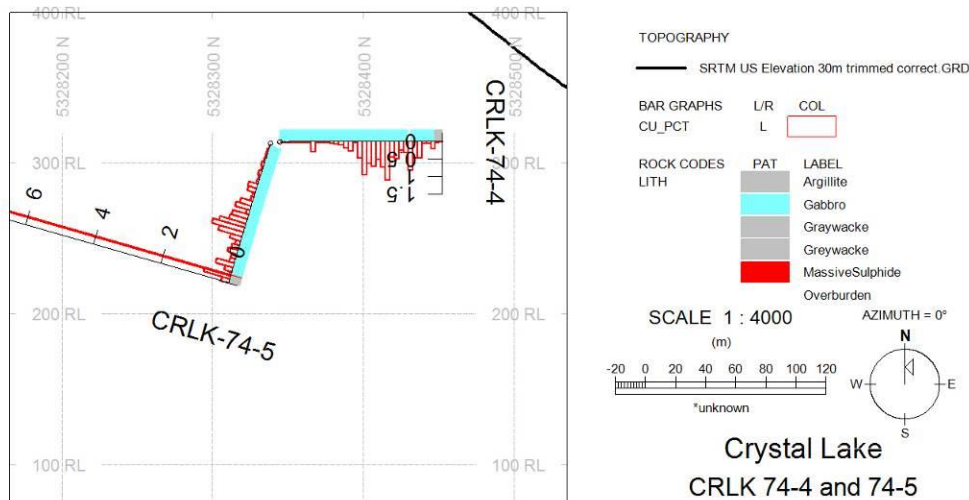


Figure 15: Cross section of hole CRLK-74-4 and CRLK-74-5 with red bars representing copper content.

CRLK-74-5

Hole 74-5 was an underground hole drilled from the adit at an orientation of 182.9/-71.5 on lease 108295. A total of 33 samples were collected from this short 96.62m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 15. The sample intervals and geochemical data are found in the appendix.

CRLK-75-3

Hole 75-3 was an underground hole drilled from the adit at an orientation of 2.9/-2.5 on lease 108295. A total of 70 samples were collected from this short 107.9m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 16. The sample intervals and geochemical data are found in the appendix.

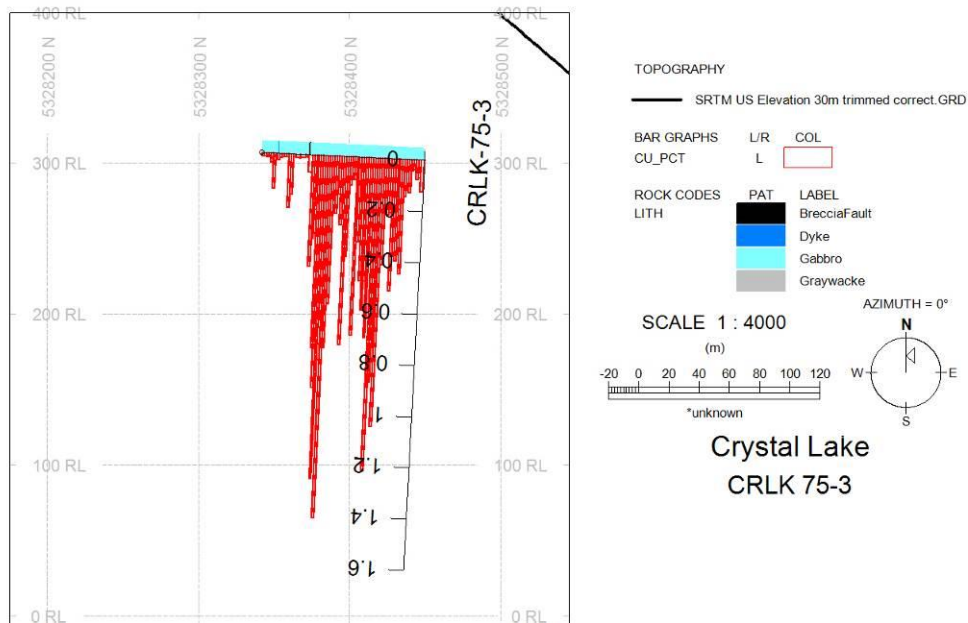


Figure 16: Cross section of hole CRLK-75-3 with red bars representing copper content.

CRLK-76-6

Hole 76-6 was an underground hole drilled from the adit at an orientation of 182.9/-65 on lease 108295. A total of 46 samples were collected from this 122.53m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 17. The sample intervals and geochemical data are found in the appendix.

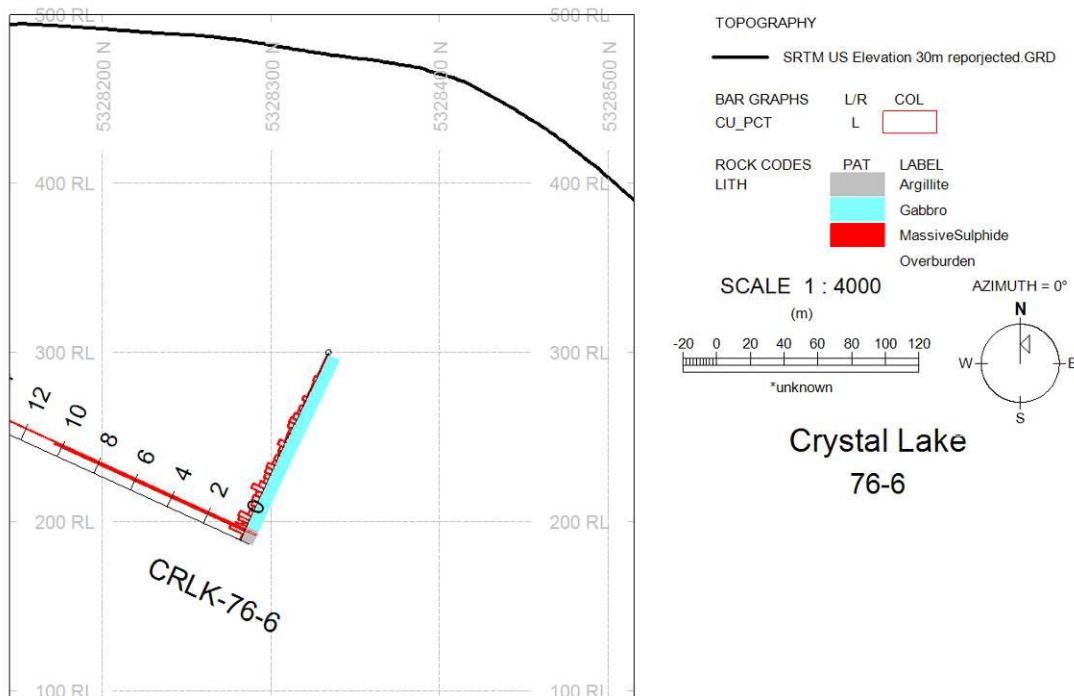


Figure 17: Cross section of hole CRLK-76-6 with red bars representing copper content.

CRLK-76-8

Hole 76-8 was an underground hole drilled from the adit at an orientation of 182.9/-27.5 on lease 108293. A total of 75 samples were collected from this 146.3m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 18. The sample intervals and geochemical data are found in the appendix.

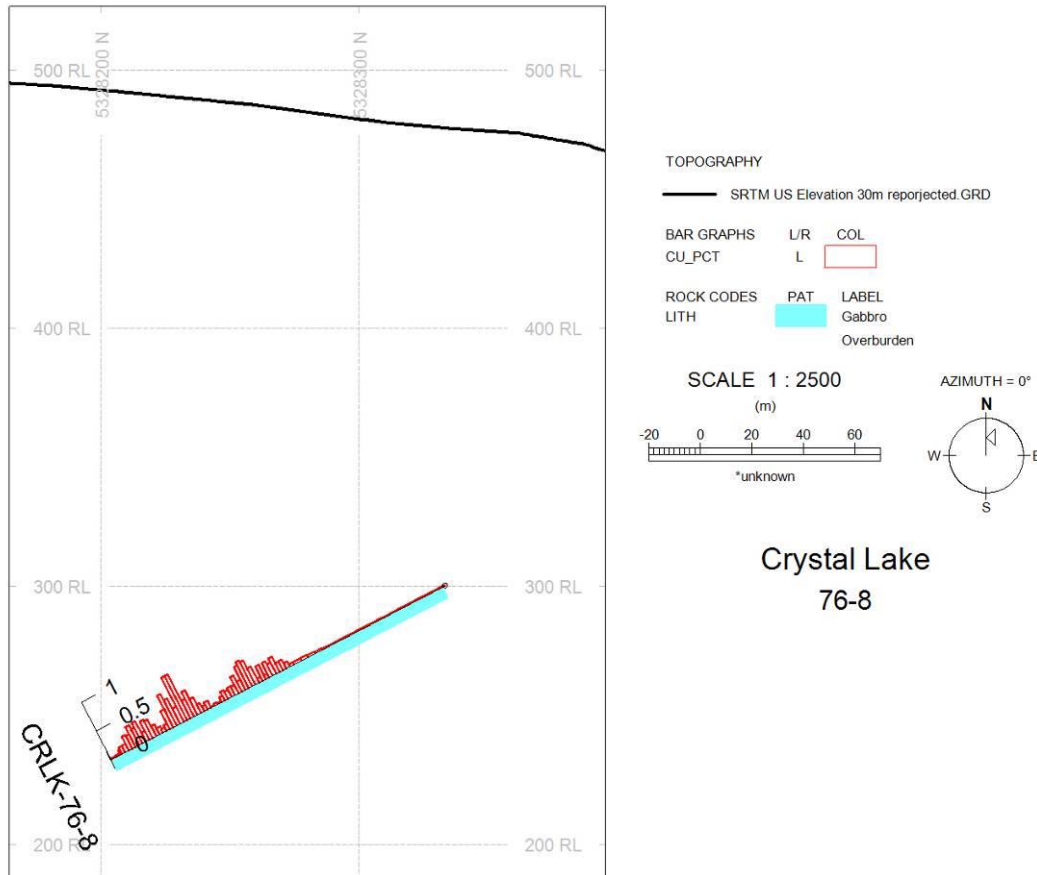
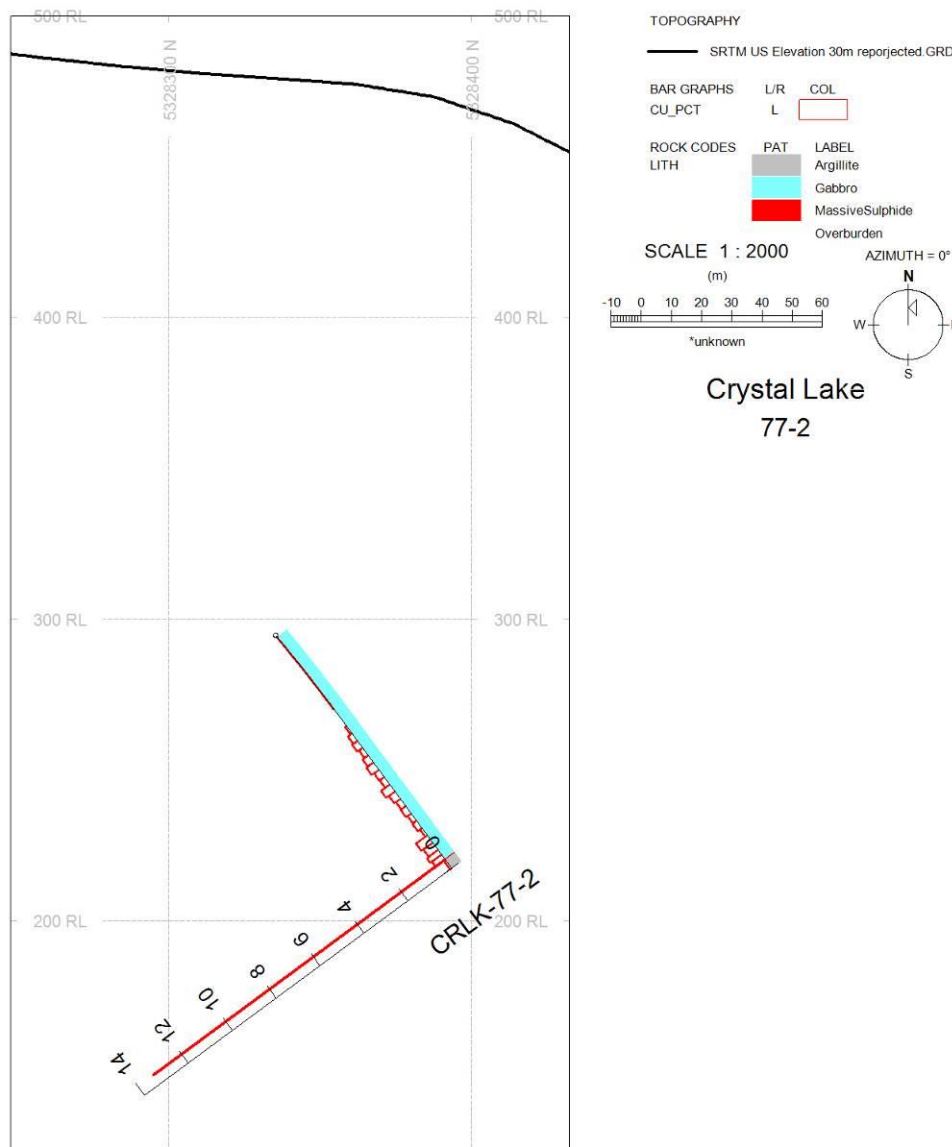


Figure 18: Cross section of hole CRLK-76-8 with red bars representing copper content.

CRLK-77-2

Hole 77-2 was an underground hole drilled from the adit at an orientation of 2.9/-50 on lease 108293. A total of 32 samples were collected from this 96.62m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 19. The sample intervals and geochemical data are found in the appendix.



CRLK-93-4

Hole 93-4 was an underground hole drilled from the adit at an orientation of 2.9/-70 on lease 108293. A total of 46 samples were collected from this 227.99m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 20. The sample intervals and geochemical data are found in the appendix.

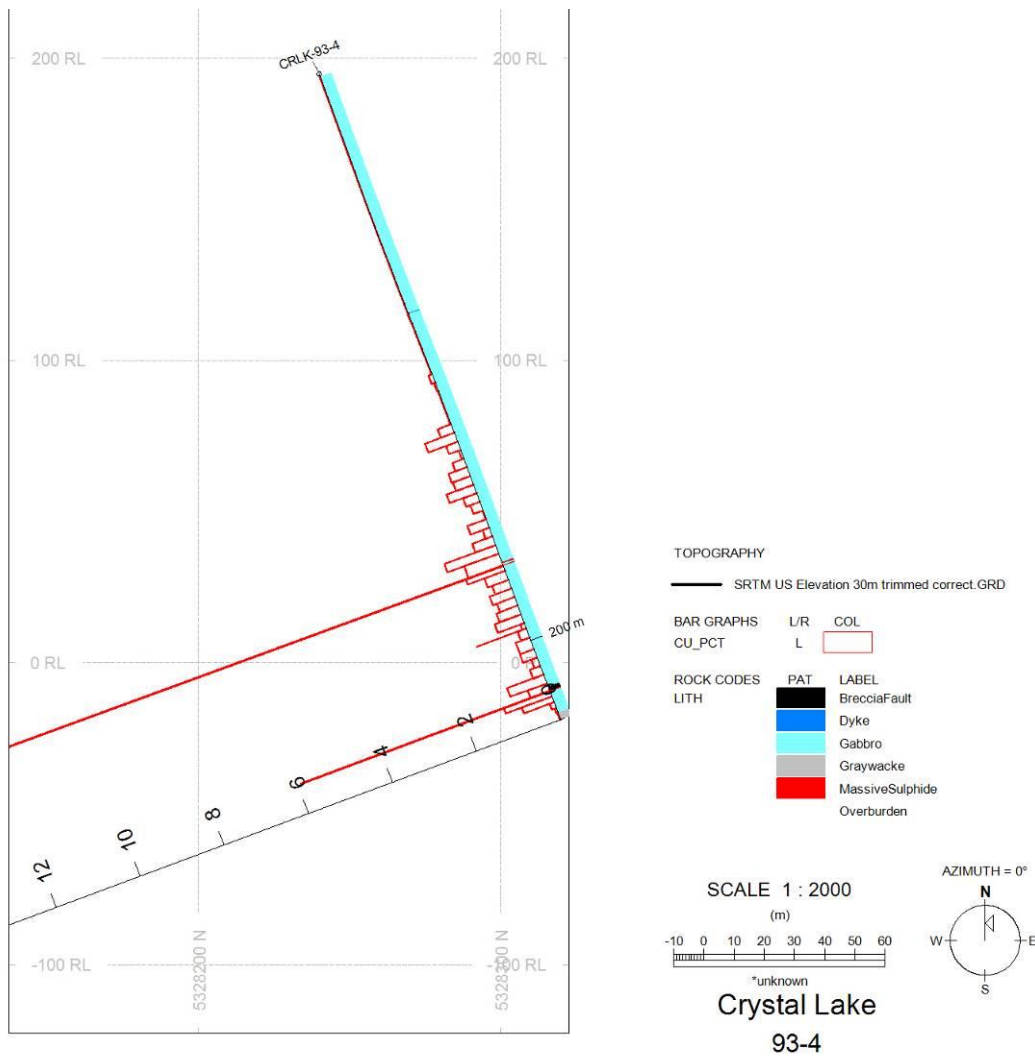


Figure 20: Cross section of hole CRLK-93-4 with red bars representing copper content.

CRLK-BC-216

Hole BC-216 was an above ground hole drilled from surface at an orientation of 000/-90 on lease 108295. A total of 24 samples were collected from this 124.97m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 6 and a cross section of the hole is in figure 21. The sample intervals and geochemical data are found in the appendix.

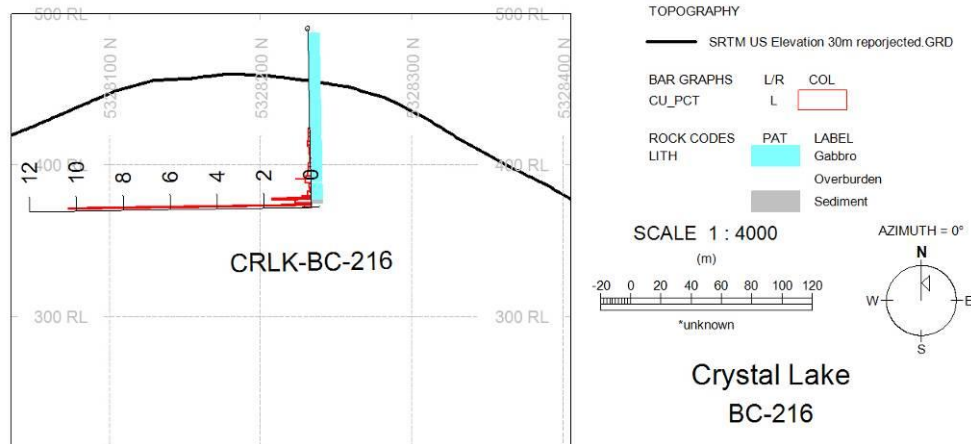


Figure 21: Cross section of hole CRLK-BC-216 with red bars representing copper content.

CRLK-BC-300

Hole BC-300 was an above ground hole drilled from surface at an orientation of 000/-90 on Mining Location 17A. A total of 138 samples were collected from this 706.22m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. The upper portion of this hole was not available for sampling so the skeleton core was sampled. A map showing the location of the hole can be found in figure 22 and a cross section of the hole is in figure 23. The sample intervals and geochemical data are found in the appendix.

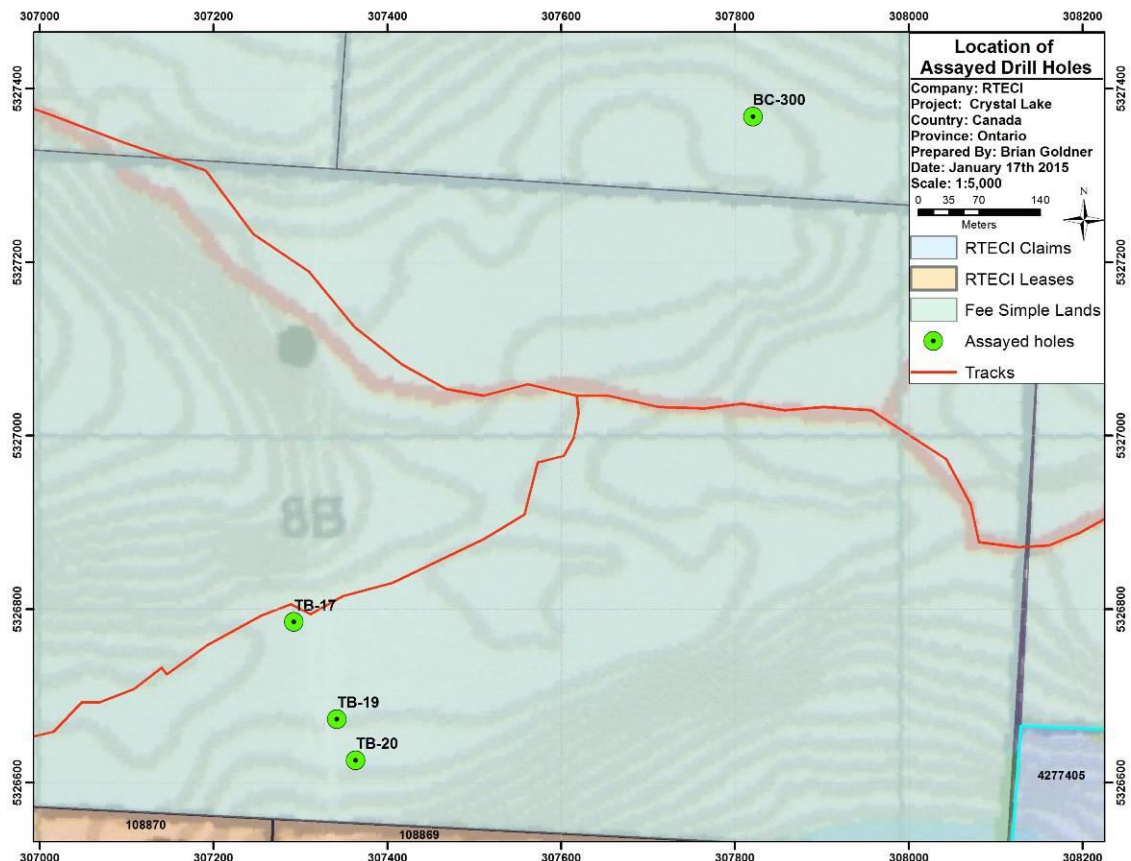


Figure 22: Map showing collar locations for holes CRLK-300, CRLK-TB-17, CRLK-TB-19, and CRLK-TB-20

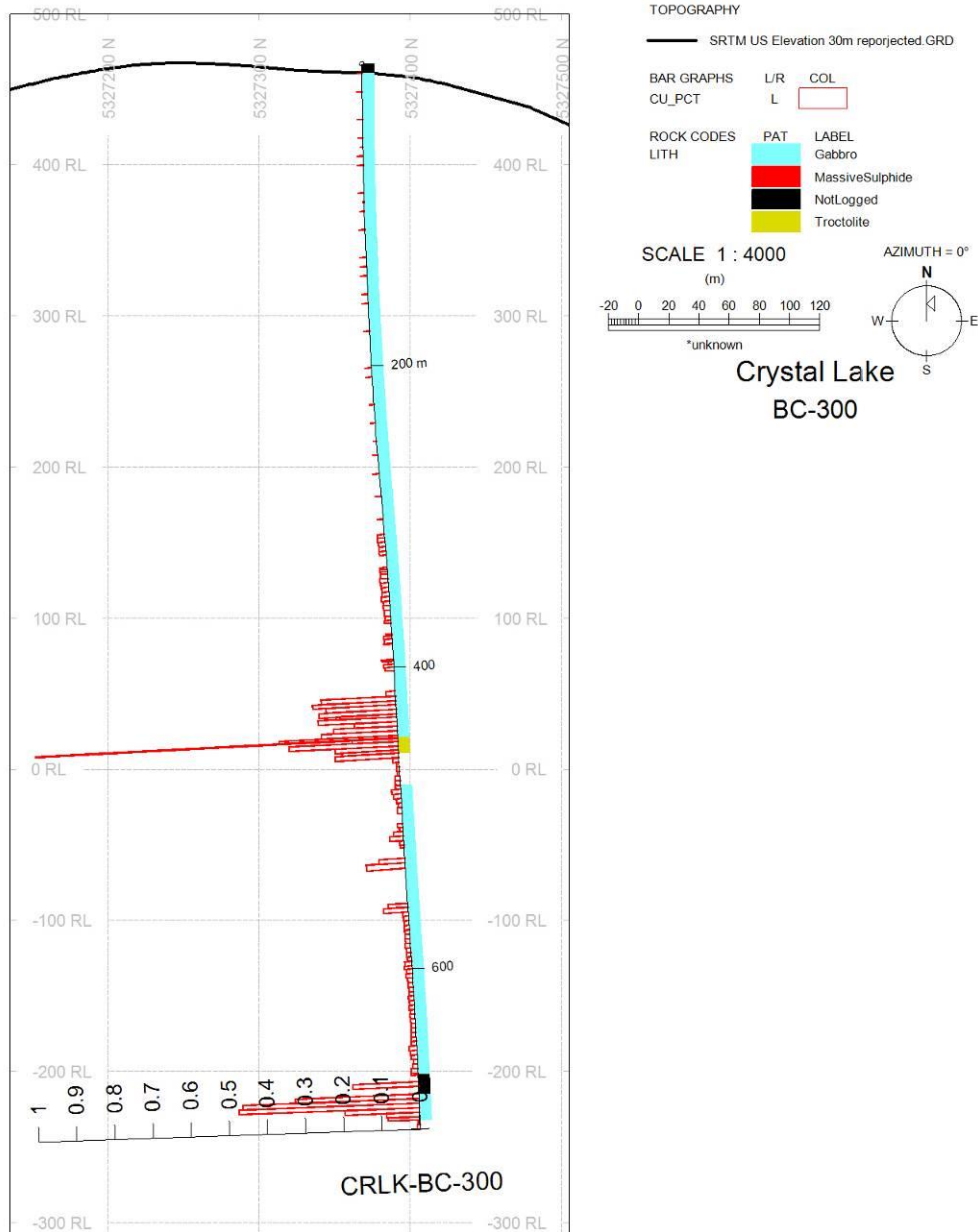


Figure 23: Cross section of hole CRLK-BC-300 with red bars representing copper content.

CRLK-BC-401

Hole BC-401 was an above ground hole drilled from surface at an orientation of 000/-90 on lease 108294. A total of 93 samples were collected from this 495.6m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 24 and a cross section of the hole is in figure 25. The sample intervals and geochemical data are found in the appendix.

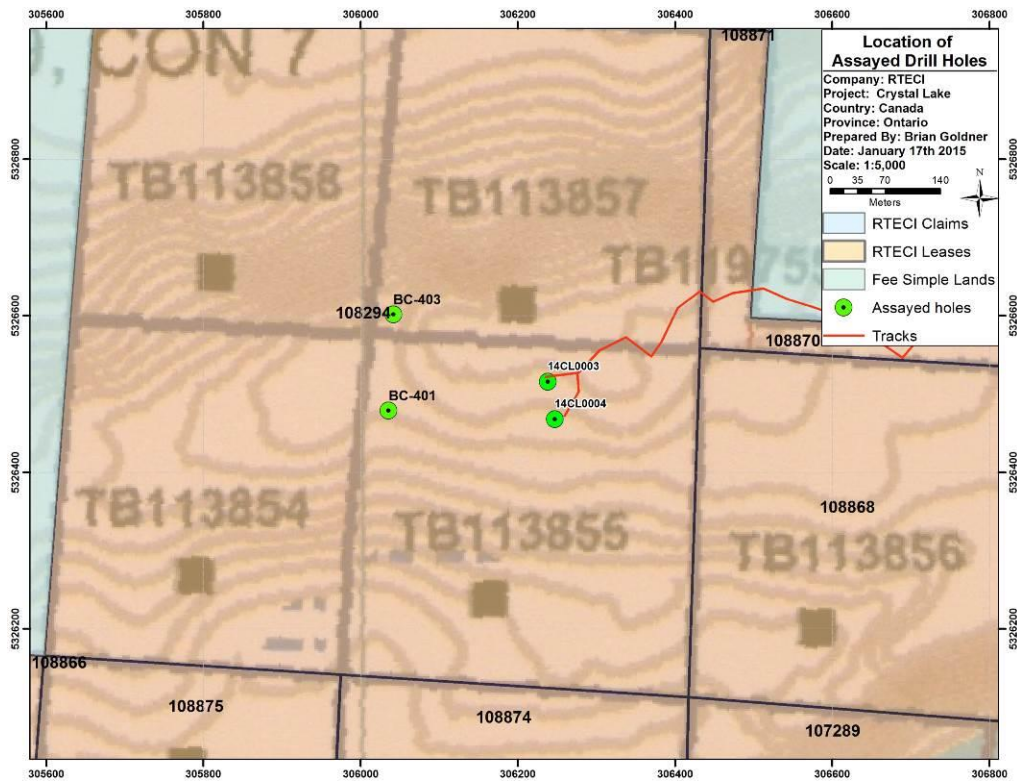


Figure 24: Map showing collar locations for holes 14CL0003, 14CL0004, BC-401, and BC-403.

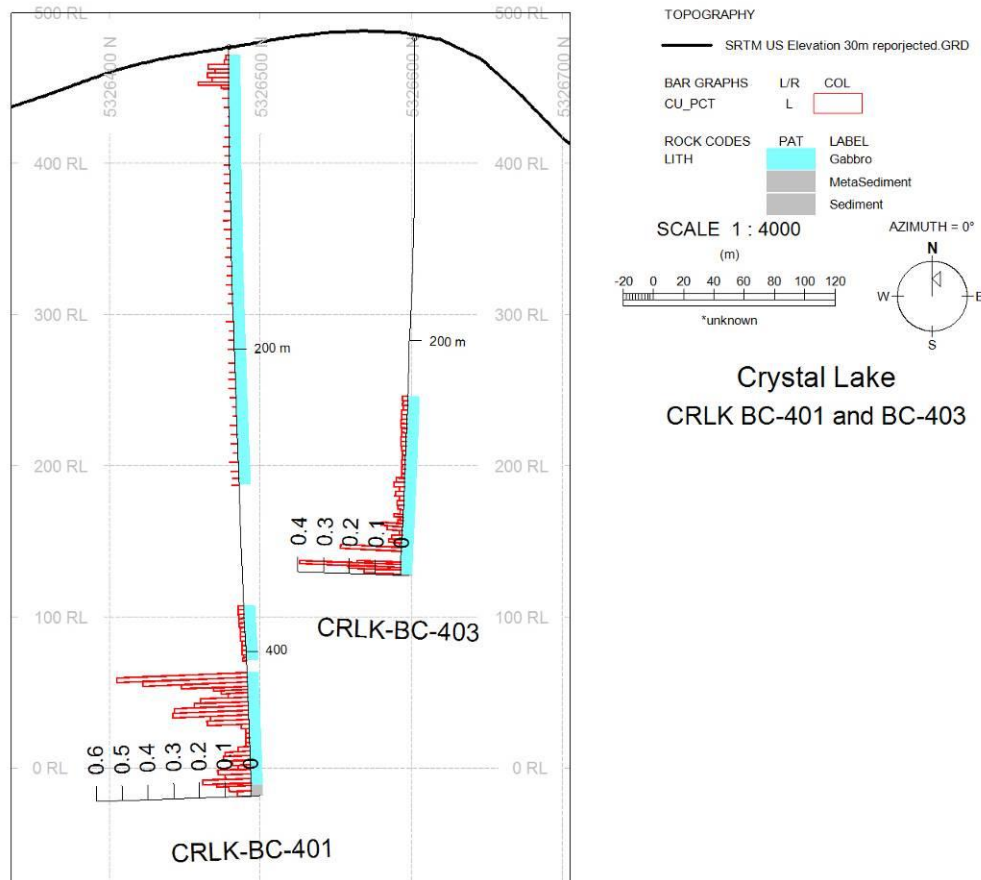


Figure 25: Cross section of hole CRLK-BC-401 and CRLK-BC-403 with red bars representing copper content.

CRLK-BC-403

Hole BC-403 was an above ground hole drilled from surface at an orientation of 000/-90 on lease 108294. A total of 40 samples were collected from this 355.5m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 24 and a cross section of the hole is in figure 25. The sample intervals and geochemical data are found in the appendix.

CRLK-TB-14

Hole TB-14 was an above ground hole drilled from surface at an orientation of 000/-90 on Mining Location 18A. A total of 60 samples were collected from this 1158.85m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 12 and a cross section of the hole is in figure 26. The sample intervals and geochemical data are found in the appendix.

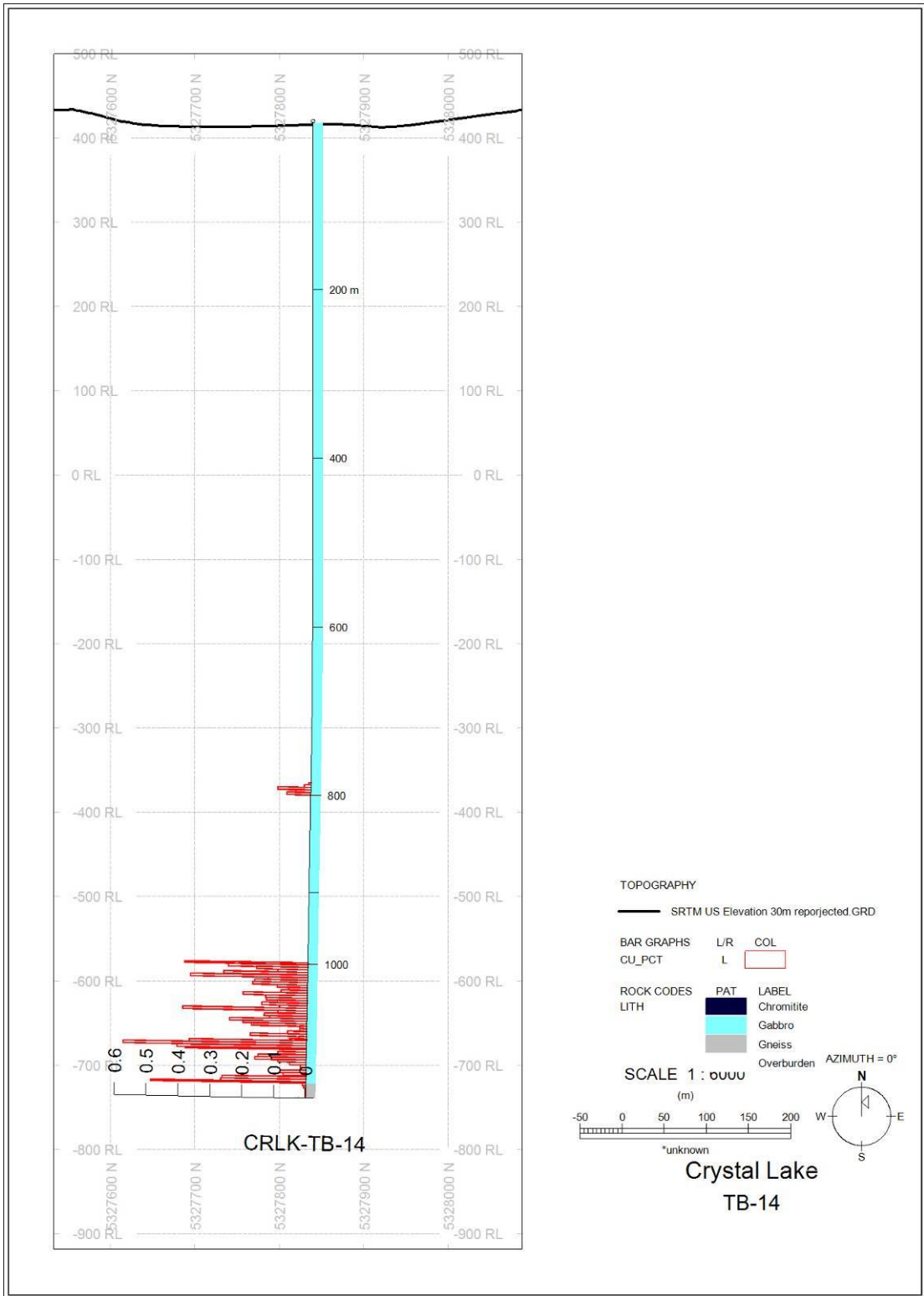


Figure 26: Cross section of hole CRLK-TB-14 with red bars representing copper content.

CRLK-TB-17

Hole TB-17 was an above ground hole drilled from surface at an orientation of 000/-90 on Mining Location 8B. A total of 58 samples were collected from this 353.26m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 22 and a cross section of the hole is in figure 27. The sample intervals and geochemical data are found in the appendix.

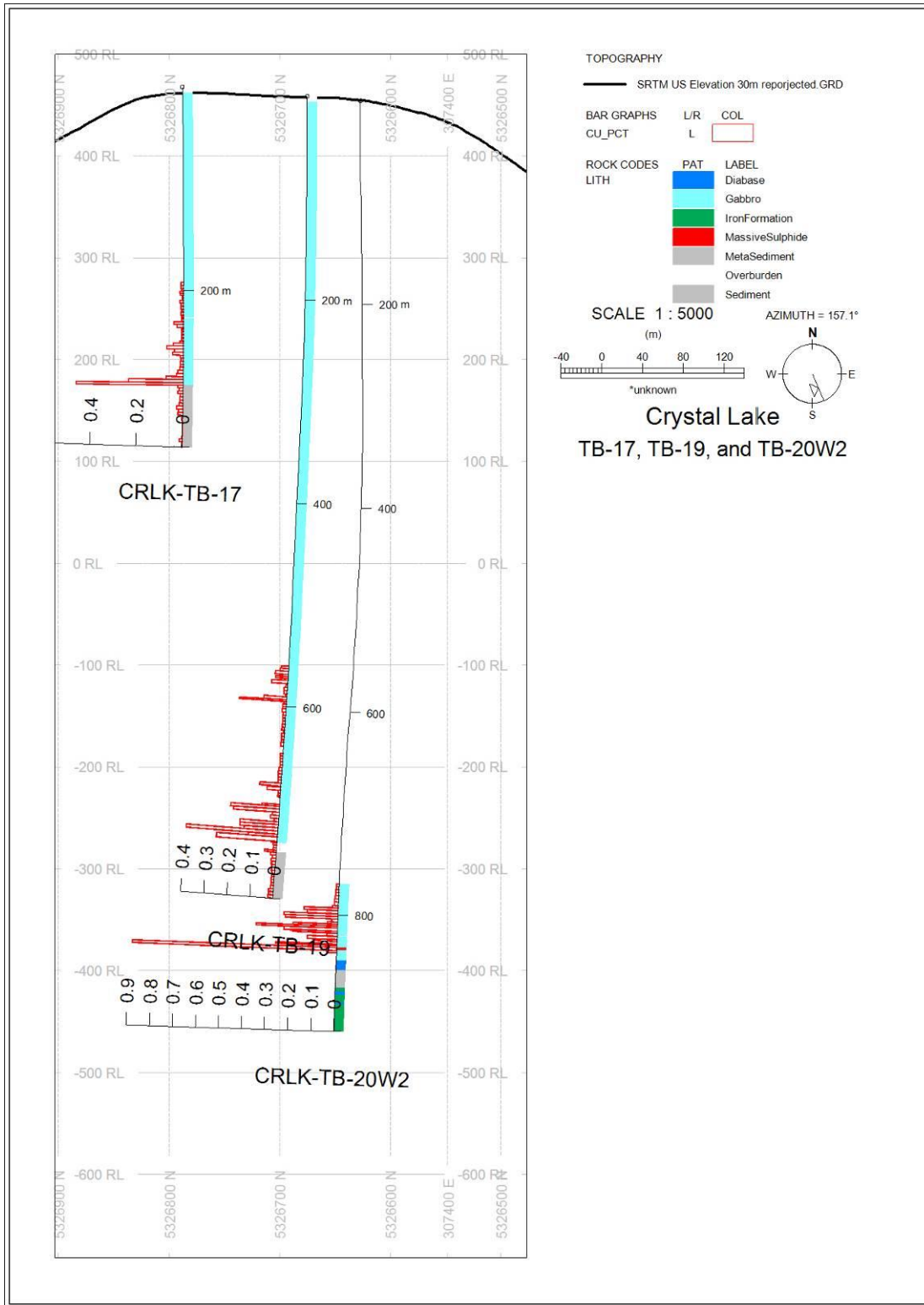


Figure 27: Cross section of holes CRLK-TB-17, CRLK-TB-19, and CRLK-TB-20W2 with red bars representing copper content.

CRLK-TB-19

Hole TB-19 was an above ground hole drilled from surface at an orientation of 000/-90 on Mining Location 8B. A total of 77 samples were collected from this 788.52m

hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 22 and a cross section of the hole is in figure 27. The sample intervals and geochemical data are found in the appendix.

CRLK-TB-20W2

Hole TB-20W2 was an above ground hole drilled from surface at an orientation of 000/-90 on Mining Location 8B. A total of 26 samples were collected from this 914.4m hole to confirm the historic grades and to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 22 and a cross section of the hole is in figure 27. The sample intervals and geochemical data are found in the appendix.

CRLK-209748

Hole 209748, also known as PR98-1 was an above ground hole drilled by Falconbridge in 1998 from surface at an orientation of 000/-90 on mining claim 4277427. Falconbridge had only analysed for a select series of elements so RTECI collected 70 samples focusing on the intrusive to collect high quality litho-geochemical data for modelling. A map showing the location of the hole can be found in figure 28 and a cross section of the hole is in figure 29. The sample intervals and geochemical data are found in the appendix.

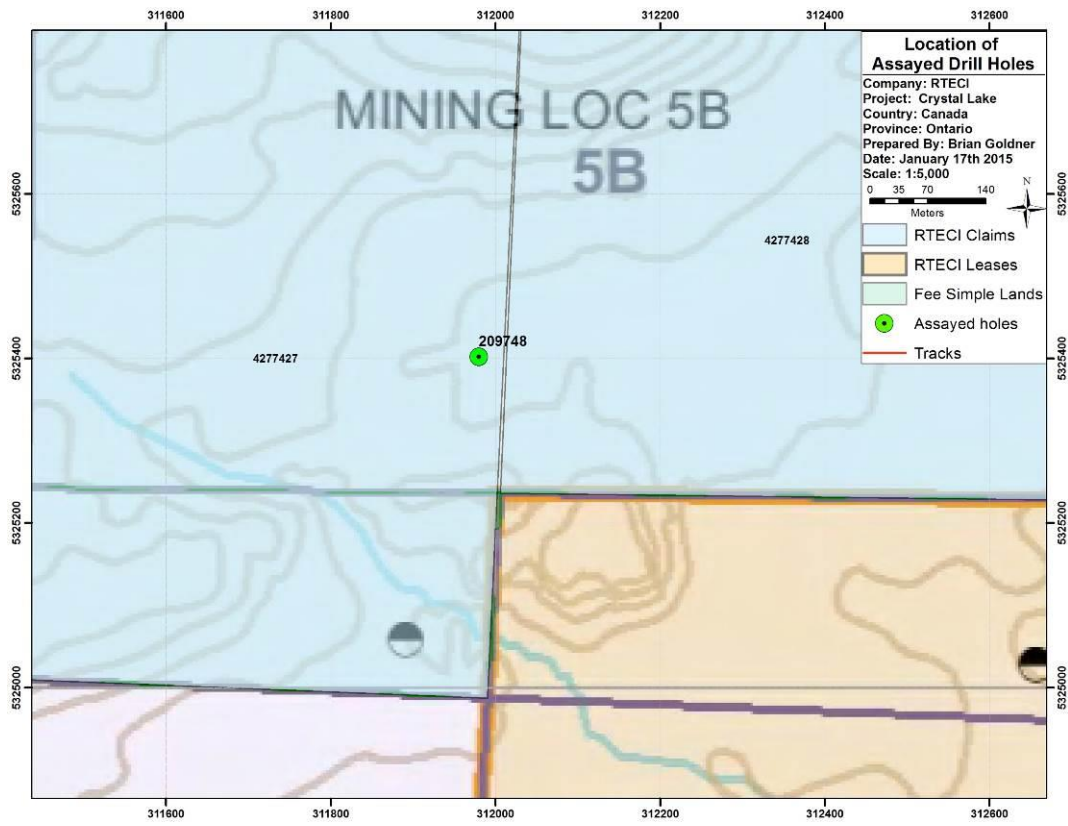


Figure 28: Map showing collar locations for hole 209748

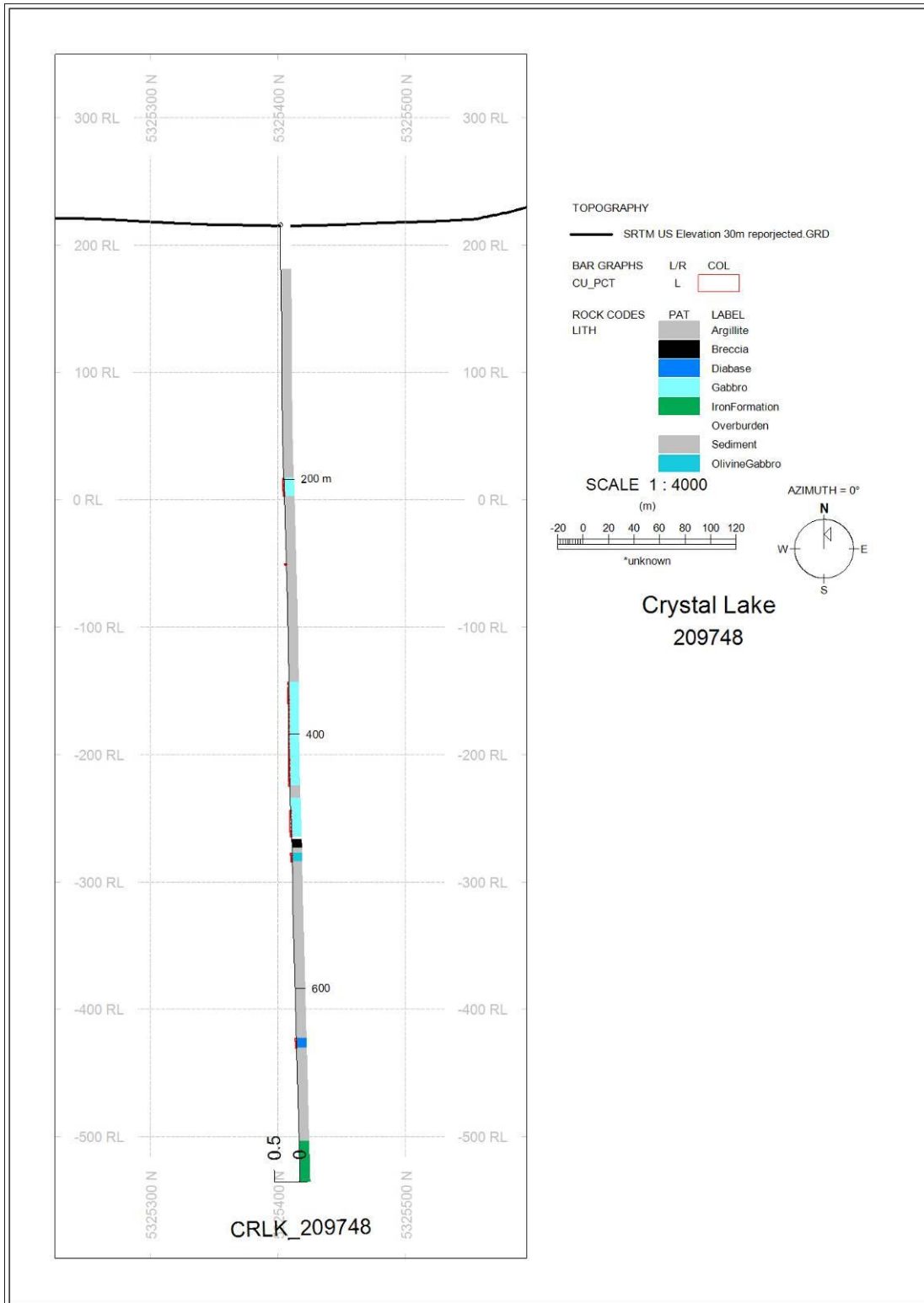


Figure 29: Cross section of holes CRLK-209748 with red bars representing copper content.

Geophysics

Description of Survey: Downhole Crone Pulse-EM

A Crone downhole time-domain electromagnetic survey was completed on the Crystal Lake property between June and September 2014. The equipment used consists of the Pulse-EM CDR2 Receiver, the Pulse-EM transmitter and the Pulse-EM Induction Coil Probes. Two probes are employed, one with a Z-component coil measuring the field in the direction of the borehole and a second with an X-component and a Y-component oriented perpendicular to the borehole. The equipment is described in greater detail in Appendix D. The measurement units are in nano-Teslas per second (nT/s). Typically, noise levels at late time are considered to be around 1 nT/s although may vary depending upon hole and site conditions.

Survey Method

Eleven holes were surveyed from five different transmitter loops (see Figure 30). Five of these were newly-drilled boreholes (2014) while six were historic boreholes (see Table 5). All boreholes were surveyed from at least one large loop. Where a significant conductor was detected, the hole was surveyed from a second loop and in one instance (14CL0001) was surveyed from three loops. The very first survey was completed employing a 8.33ms time base but the background response dominated the response of interest presumably caused by a mineralized zone. Increasing the time base to 16.66ms significantly reduced the background response and better highlighted the response of interest. Further along in the program, the time base was increased yet again to 50.0ms which further reduced the background response. Station spacing was selected at 20m stations with 10m details on short holes and within zones of interest.

Table 5: Summary of holes surveyed by DHEM

HOLE_ID	Surveyed_Depth (m)	Loops_Used	Time_Base (ms)	Comments	# of surveys (# loops x # probe x # time base) – distance (m)
89-70	140	N1 and S1	16.66	No Z-component on S1 loop	3 – 420
89-72	60	N1 and S1	16.66		4 – 240
89-73	110	N1 and S1	16.66		4 – 440
89-74	200	N1 and S1	16.66		4 – 800
89-76	350	N1 and S1	8.33 & 16.66		8 – 2800
89-77	360	N1 and S1	16.66		4 – 1440
14CL0001	870	N1, S1 & Figure 8	16.66 & 50		10 – 8700
14CL0002	600	N1 and S1	16.66 & 50		8 – 4800
14CL0003	760	S1 and S2	50		4 – 3040
14CL0004	60	S2 and S3	50		4 – 240
14CL0005	800	N1 and S1	50		4 - 3200
Total Meters Surveyed:					26.12 km

The total length of surveyed boreholes is 4.31 km. However, since the holes were surveyed several times by varying probe (XY or Z), time base (8.33, 16.66 or 50ms) or loop (see Table 5), the total cumulative survey distance along the boreholes was 26.12 km.

All geophysical data contained in this report was collected by Crone Geophysics during the June to September 2014 period. Data are shown in detail in Appendix D.

Interpretation of the Crone DHEM survey

The objective of the Crone DHEM surveys is to identify anomalous zones associated with mineralization which may indicate further accumulation of massive or semi-massive sulphides. At the Crystal Lake project, the responses are attributed to conductive sediments (possibly the Rove Formation) and conductive sulphide-bearing mineralized horizons. The Crystal Lake intrusion is generally speaking an electrically resistive body intruding within the conductive Rove Formation sediments.

As such, a large volume of conductive sediments surround the intrusion and is interpreted to produce the large background EM response observed in all the surveys. Increasing the time base is an attempt to reduce this background response.

Table 6: Summary of DHEM anomalies and associated interpretation

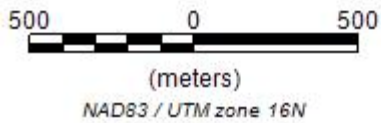
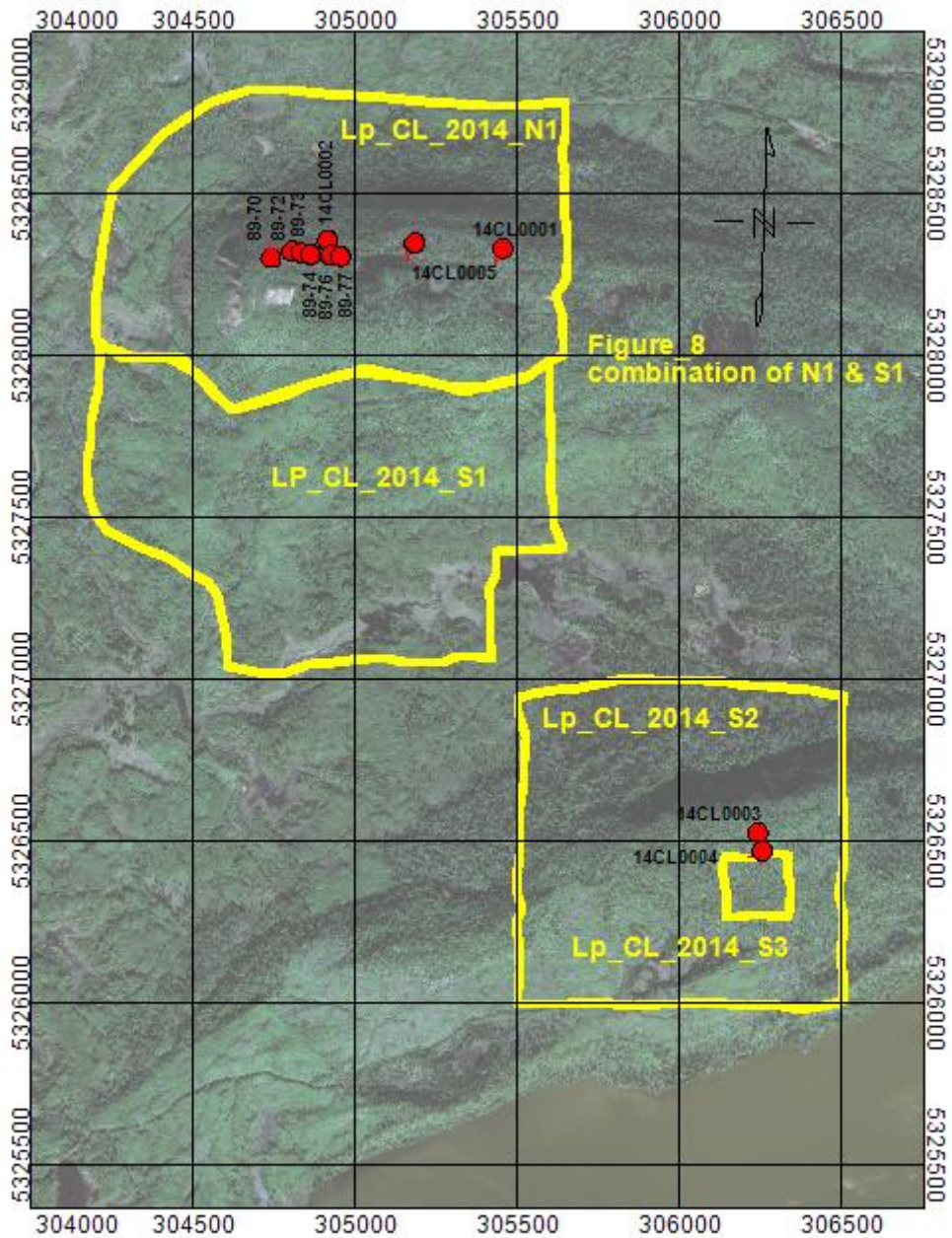
Hole_ID	Depth of Anomaly	Interpretation
14CL0001	500, 560 and 760m	<ul style="list-style-type: none"> • 500m station associated with known mineralized horizon. • 560m station associated with sedimentary horizon. • 760m station associated with newly intercepted mineralized horizon. Off hole-conductor suggests more conductive material to the west of the hole which was the basis of 14CL0005.
14CL0002	250, 480 and 540m	<ul style="list-style-type: none"> • 250m station associated with mixed massive sulphides. Previously known mineralized horizon. • 480m and 540m: associated with sedimentary horizons. Not of interest.
14CL0003	20, 570 and 760m.	<ul style="list-style-type: none"> • 20m: associated with mineralized horizon also intercepted in 14CL0004 • 570m: Off-hole conductor observed associated with mineralized horizon. Conductor is interpreted to lie to the north of the hole. Drill-follow up on this anomaly is suggested. • 760m: Hole was drilled to 828m but DHEM survey stopped at 760m so that only a partially anomaly is measured. Not clear if associated with sediments intersected at depth or intrusive units around 760m. Reaming the hole and completing the survey to the bottom is recommended.
14CL0004	20m	<ul style="list-style-type: none"> • 20m: Hole drilled based upon airborne EM response. DHEM response at 20m associated with mineralization confirms airborne EM interpretation.
14CL0005	520-540m, 700m, 740m	<ul style="list-style-type: none"> • 520-540, 700, 740m: all anomalous responses are associated with conductive sedimentary horizons. Suggests that off-hole conductive anomaly observed in hole 14CL0001 is caused by a sedimentary unit.
89-70, 89-72, 89-73, 89-74		<ul style="list-style-type: none"> • No anomalous response
89-76	260m	<ul style="list-style-type: none"> • Weak anomaly associated with slightly mineralized horizon
89-77	260m	<ul style="list-style-type: none"> • Weak anomaly associated with slightly mineralized horizon

Recommendation for further exploration work

In addition, discrete anomalous responses are associated with mineralized horizons and may be worthy of further follow up while other discrete horizons are associated with conductive sediments and are not of interest. Table 6 summarizes the discrete anomalies and their interpretation. At this point, the only response with a clear discrete response that is deemed worthy of a drillhole target is the response observed at 570m in hole 14CL0003. A drillhole approximately 100m north of the hole is recommended.

Geophysical Data

All geophysical – downhole electromagnetic data – is shown in Appendix D.



Crystal Lake Project DHEM Loop and Hole Layout

Figure 30: Loop and Hole Layout at Crystal Lake Project. Background Image is satellite image.

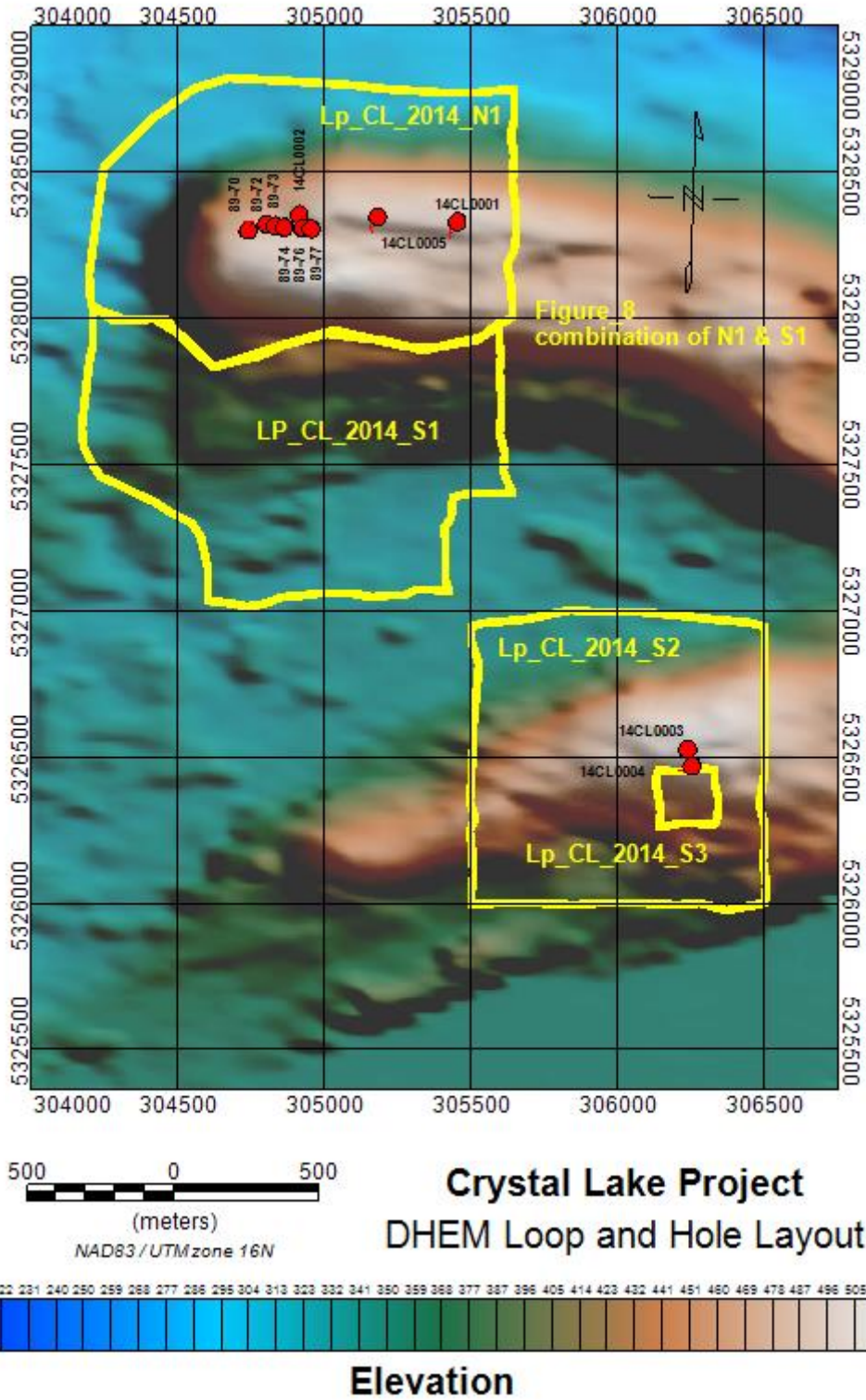


Figure 31: Loop and Hole Layout at Crystal Lake over Elevation (m).

Prospecting

While drilling was the primary focus of the 2014 field season, geologists spent time prospecting the claims with the goal of finding new mineralization and improving the understanding of the local structural setting and intrusive events in the area.

Prospecting teams always consisted of two people due to RTECI safety policies prohibiting working alone in the field. Depending on personnel requirements elsewhere on the project, these two-person teams were made up of a geologist + field technician or a geologist + geologist.

Claim 4247190

A two man crew spent September 27th of 2014 prospecting on claim 4247190 to investigate a historic Cu Ni showing and to evaluate the Arrow intrusion for mineralization (figure 30). A total of 5 outcrop samples were collected from this claim and all were submitted for complete characterization lithogeochemistry. Most of the mineralization observed in the Arrow intrusion was predominately pyrite with little chalcopyrite as shown in the assays attached in the appendix. The geologists' field notes are included below.

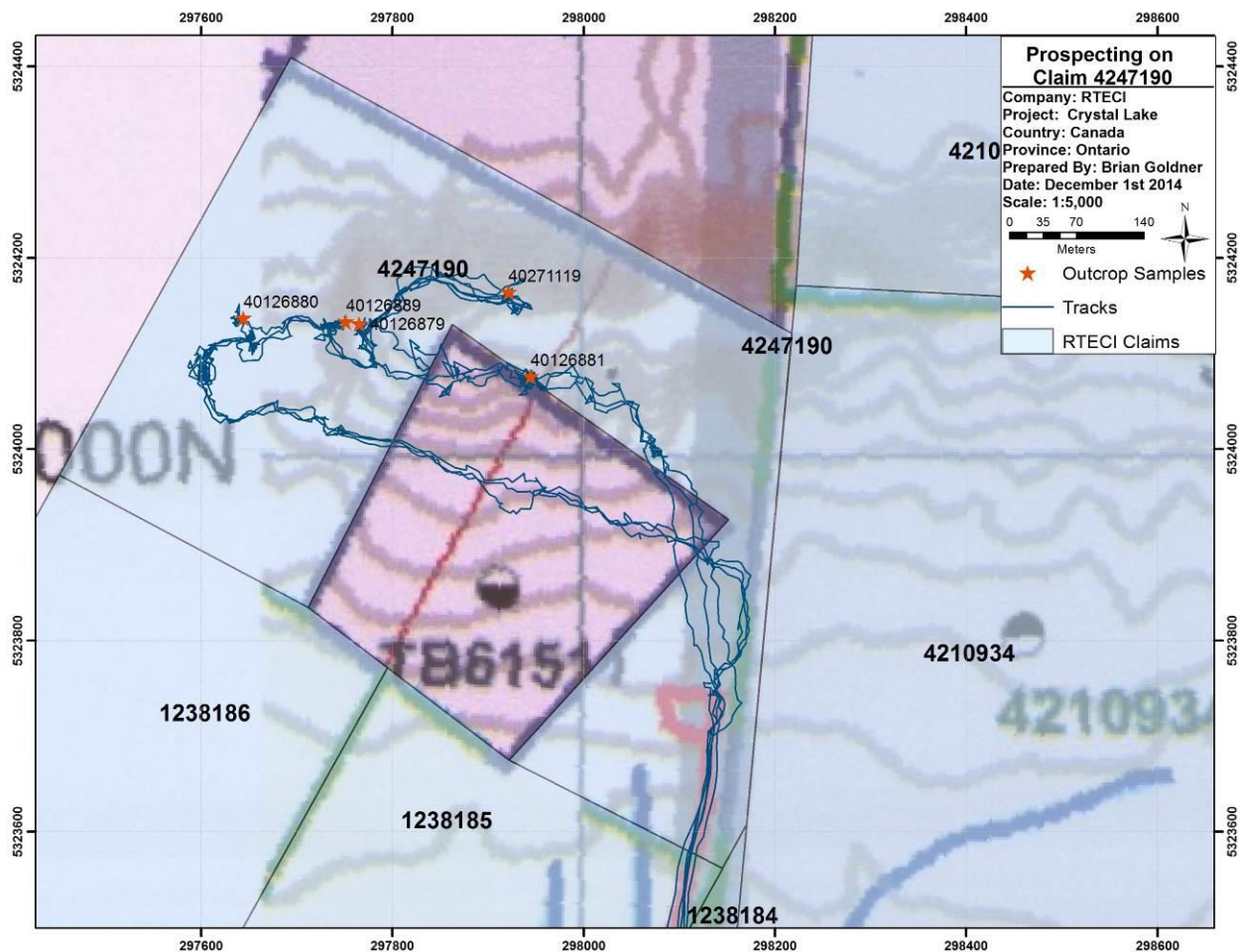


Figure 32: Prospecting on claim 4247190

SAMPLEID	ProspectName	Easting	Northing	POINTGRIDNAME	Survey	Type	Sampler	SampleDate	Comments
40126879	Crystal Lake	297766	5324131	NAD83_UTM_16N	GPS	Outcrop Grab	Gavin Wagoner	27-Sep-14	Grey fn gr gabbro. plag 50% px 40% Ol? very tace pyrite. Sample from bottom of cliff face. Sample from Area 8
40126880	Crystal Lake	297645	5324137	NAD83_UTM_16N	GPS	Outcrop Grab	Gavin Wagoner	27-Sep-14	Grey fn gr gabbro. Plag 50% px 40% with Ol? OC contains bands of 2-4mm coarse grained magnetite grains. 1-2% of the rock. sample from middle of saddle between two ridges.
40126881	Crystal Lake	297945	5324076	NAD83_UTM_16N	GPS	Outcrop Grab	Gavin Wagoner	27-Sep-14	Grey fn gr gabbro with 1-2% disseminated sulphide likley pyrite. rock same as other intrusive on property. sample from near old pit. rock has spheroid weathing in pit.
40126889	Crystal Lake	297752	5324133	NAD83_UTM_16N	GPS	Outcrop Grab	Steven Crowell	27-Sep-14	Taken from base of large cliff in saddle between two ridges. Mag 21 Dark Grey plag and ol dom. (Ol could be px). No sulphides med grained.
40271119	Crystal Lake	297922	5324164	NAD83_UTM_16N	GPS	Outcrop Grab	Jesse Koroscil	27-Sep-14	Mag sus 8.97. Medium to coarse grained gabbro. px+plag could be some biotite. non mineralized.

Table 7: Sample details from claim 4247190

September 27, 2014

Gavin Wagoner Prospecting Notes

Parking (298112, 5323364) on Trail at 10:30 pm.

- Walked to 298074, 5323997 at 11:06
 - Outcrop of gab with sediment float less than 10m downhill
 - Inferred sed- intrusive contact nearby.
 - 15m X 2m oc
 - Intrusive: grey fn gr plag + px+- olivine weakly oxidized. No sulphides

- *Walked to Pit.*
 - *Pit located at 297944, 5324075*
 - *3m circular pit with north face outcrop made of spheroid weathered intrusive. Pretty much same rock as all other intrusive but contains 1-2% fine grained patchy disseminated sulphide likely pyrite.*
 - *Sample pulled (40126881)*
- *Follows Cliffside to the west. Continued to see the same barren gabbro as we have seen all over. Cliff is about 7-12m high.*
 - *Cliff made of grey fine grained gabbro Plag 50% Px 40% and olivine?*
- *Lunch at 12:15 at 297761, 5324125.*
 - *Sample pulled from this area on top of cliff on face (40126879)*
- *From here walked west on top of ridge.*
 - *Rock is very massive*
 - *Jesse took sample rock had a few larger magnetite grains.*
- *Walked back east and then down the cliff to walk through the saddle in-between the two ridges*
 - *In saddle large boulders piled up on the east side near cliff*
 - *A few random boulders in saddle.*
- *OC at 297637, 5324133 OC contained fn gr gab with 1-2% coarse grained magnetite. (1-3mm)*
 - *Sampled (40126879)*
- *Continued up the hillside no change in rock.*
 - *From our furthest west we walked south to find southern contact in this area.*
- *Small OC of Sediments.*
 - *Fn grained sediment. Could be partly baked.*
 - *Must be near the contact but couldn't find it.*
 - *Sample taken but not assayed.*
- *From here walked back on southern side of the ridge down in glacial till*
 - *Looked for boulders and didn't find anything interesting*
- *OC at 297958, 5323961 at 3:15 pm could be sub crop*
 - *Fn gr gab no change from any other intrusive rocks.*
- *From here walked back to truck looking for boulder but didn't find anything interesting.*

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Appendix

Appendix A – Geology logs

Appendix B – Assays and Intervals

Appendix C – Assay certificates

Appendix D – Geophysical Report

Appendix A – Geology Logs

HOLEID	From	To	Geologist	Date	Lithology	Local Unit	Color	Grain Size	Modifier	Comments
14CL0001	0	1.89	Dan Foley	9-Jun-14	Troctolite	TROC	Brown	MediumCoarse	Weathered	Brown med crs grained strongly weathered troctolite w/ 55% Pl. 30% Ol. 15% Px. Plag is grey and lathe shaped. What is presumed to be olivine has a rounded equant habit. Px appears as small sub 1mm anhedral crystals. no visible sulphides.
14CL0001	1.89	384.02	Gavin Wagoner	9-Jun-14	Troctolite	TROC	Grey	Medium		Grey med grained weakly serp'ed troctolite w/ 55-60% Pl. 30% Ol. 10-15% Px. Plag is grey and lathe shaped. Olivine has a rounded equant habit. Px appears as small sub 1mm anhedral crystals. no visible sulphides. Tr fr gr biotite. Plag gradually more grey. At 315m olivine gradational increases to 55% plag px down to 40% and 5% . Alt up at 324m higher degree of serp. At 327.5m stringers of white plag potential early stage alt. Logged by DF before 176m.
14CL0001	384.02	451.63	Gavin Wagoner	15-Jun-14	Gabbro	PTG	Grey	Coarse	Pegmatitic	Grey very cr to med gr variably textured cyclic zone gabbro w/ 5% blebby and interstitial fractionated sulphides. Sulph increase in tenor down hole. Chalco increases to 60% of sulphides. Crome layers 1-6cm at bottom of cycles. Peg zones 30% of rock. Plag 55% px 30% ol 5% and 5% sulphide. Blebby sulphides interpreted to be rip ups. Log same log used for 386.94 to 503.67 just split by small massive sulphide veins.
14CL0001	451.63	451.65	Gavin Wagoner	15-Jun-14	MassiveSulphide	MSU	Yellow	Coarse	Sulphidic	Massive sulphide vein of higher tenor sulphides. 85% sulphide. Of the 85% sulphide there is 50% chalco 40% pyrrhotite and 10% Pent. vein has diffuse upper bound and sharper lower bound.
14CL0001	451.65	486	Gavin Wagoner	15-Jun-14	Gabbro	PTG	Grey	Coarse	Pegmatitic	Grey very cr to med gr variably textured cyclic zone gabbro w/ 5% blebby and interstitial fractionated sulphides. Sulph increase in tenor down hole. Chalco increases to 60% of sulphides. Crome layers 1-6cm at bottom of cycles. Peg zones 30% of rock. Plag 55% px 30% ol 5% and 5% sulphide. Blebby sulphides interpreted to be rip ups. Log same log used for 386.94 to 503.67 just split by small massive sulphide veins.
14CL0001	486	486.02	Gavin Wagoner	15-Jun-14	MassiveSulphide	MSU	Yellow	Coarse	Sulphidic	massive sulphide vein 100% sulphide. Sharp upper and lower bounds. Vein shows Sulphide leaking out into brittle fractures. 60% pyrrhotite 30% pentlandite and 10% chalco.

14CL0001	486.02	486.09	Gavin Wagoner	15-Jun-14	Gabbro	PTG	Grey	Coarse	Pegmatitic	Grey very cr to med gr variably textured cyclic zone gabbro w/ 5% blebby and interstitial fractionated sulphides. Sulph increase in tenor down hole. Chalco increases to 60% of sulphides. Crome layers 1-6cm at bottom of cycles. Peg zones 30% of rock. Plag 55% px 30% ol 5% and 5% sulphide. Blebby sulphides interpreted to be rip ups. Log same log used for 386.94 to 503.67 just split by small massive sulphide veins.
14CL0001	486.09	486.12	Gavin Wagoner	15-Jun-14	MassiveSulphide	MSU	Yellow	Coarse	Sulphidic	massive sulphide vein 100% sulphide. Sharp upper and lower bounds. Vein shows Sulphide leaking out into brittle fractures. 60% pyrrhotite 30% pentlandite and 10% chalco.
14CL0001	486.12	502.33	Gavin Wagoner	15-Jun-14	Gabbro	PTG	Grey	Coarse	Pegmatitic	Grey very cr to med gr variably textured cyclic zone gabbro w/ 5% blebby and interstitial fractionated sulphides. Sulph increase in tenor down hole. Chalco increases to 60% of sulphides. Crome layers 1-6cm at bottom of cycles. Peg zones 30% of rock. Plag 55% px 30% ol 5% and 5% sulphide. Blebby sulphides interpreted to be rip ups. Log same log used for 386.94 to 503.67 just split by small massive sulphide veins.
14CL0001	502.33	502.36	Gavin Wagoner	16-Jun-14	MassiveSulphide	MSU	Yellow	Coarse	Sulphidic	Yellow coarse grained massive sulphide vein. Sharp upper and lower contacts. Chalco 60% Pent 25% pyrrhotite 15%
14CL0001	502.36	502.44	Gavin Wagoner	16-Jun-14	Gabbro	PTG	Grey	Medium		grey fn to med gr gabbro. section inbetween two small sulphide veins. minor disseminated interstitial sulphides. same as other PEG sections around it.
14CL0001	502.44	502.53	Gavin Wagoner	16-Jun-14	MassiveSulphide	MMS	Yellow	Coarse	Sulphidic	Yellow cr gr sulphidic mixed massive sulphide. Could be vein. Sharp upper and lower contact. Made up of 60% sulphide and 40% intrusives. Of the sulphides chalco 60% Pent 25% and pyrrhotite 15%. vein is poss mixed with some melted seds.
14CL0001	502.53	503.67	Gavin Wagoner	16-Jun-14	Gabbro	PTG	Grey	Coarse		Grey very cr to med gr variably textured cyclic zone gabbro w/ 5% blebby and interstitial fractionated sulphides. Sulph increase in tenor down hole. Chalco increases to 60% of sulphides. Crome layers 1-6cm at bottom of cycles. Peg zones 30% of rock. Plag 55% px 30% ol 5% and 5% sulphide. Blebby sulphides interpreted to be rip ups. Log same log used for 386.94 to 503.67 just split by small massive sulphide veins.
14CL0001	503.67	504.33	Gavin Wagoner	15-Jun-14	MassiveSulphide	MSU	Yellow	Coarse	Sulphidic	Yellow massive sulphide unit with sharp upper and lower bounds. 55% pyrrhotite 20% chalco 15% pent and 10% magnetite. magnetite appears to be immiscible liquid. chalco increase near both upper and lower contacts.

14CL0001	504.33	504.75	Gavin Wagoner	16-Jun-14	Gabbro	PTG	Grey	Medium		Grey med gr gabbro with 5 to 10% blebby sulphides. Some blebs of sulphides up to 3cm. Presumed to be same rock unit as above PEG sections.
14CL0001	504.75	504.76	Gavin Wagoner	16-Jun-14	MassiveSulphide	MSU	Yellow	Coarse		1cm massive sulphide vein 80% sulphides. Of the sulphides 70% chalco 20% pent and 10% pyrrhotite.
14CL0001	504.76	513.11	Gavin Wagoner	16-Jun-14	Gabbro	PTG	Grey	Medium		grey med gr gabbro with 7% blebby interstitial sulphides. finer gr size could be chilled from lower contact with seds.
14CL0001	513.11	516	Jesse Koroscil	17-Jun-14	Sedimentary	SED	Grey	VeryFine	PartiallyMelted	vfg rove fm; grey; thin po/py beds; spotty po/py blebs. 1% po/py beds. variable bedding thickness mm-cm size. po/py beds increase in frequency downhole. minor carb veins throughout. Partial melt sed. varies from siltstone to mudstone. hornfelsesd
14CL0001	516	611.09	Jesse Koroscil	17-Jun-14	Sedimentary	SED	Grey	VeryFine		vfg rove fm; grey; thin po/py beds; spotty po/py blebs. 2% po/py. variable bedding thickness mm-cm size. po/py beds increase in frequency downhole. minor carb veins throughout. varies from siltstone to mudstone
14CL0001	611.09	620.47	Dan Foley	19-Jun-14	MaficIntrusive	LSILL	Pink	Fine		Pinkish grey v fn to med grained slightly hematite stained gabbro w/ 50% Pl. 40% Px. 10% IL and trace pyrite/chalcopyrite. Section coarsens away from SED contact.Probable Logan sill.
14CL0001	620.47	624.8	Dan Foley	19-Jun-14	MaficIntrusive	LSILL	Pink	Coarse		Pink med to crs grained moderately hematite stained gabbro w/ 45% Pl. 45% Px. 10% IL and tarce pyrite and chalcopyrite. Graine size is highly variable. Ilmenite becomes prismatic in crs sections.Probable Logan sill.
14CL0001	624.8	644.35	Dan Foley	19-Jun-14	MaficIntrusive	LSILL	Grey	Fine		Pinkish grey v fn to medium grained slightly hematite stained gabbro w/ 50% Pl. 45% Px. 5% IL and trace pyrite and chalco. 2-3% pyrite concentrated at SED wedge/ xeno conatcts. Unit fines down section.Probable logan sill.
14CL0001	644.35	644.75	Dan Foley	19-Jun-14	Hornfels	SED	Grey	Fine	Porphyroblastic	Grey fine grained strongly spotted hornfelsesd SEDs with 2-7% pyrite at contacts. Porphyroblasts are 8-15mm in diameter.
14CL0001	644.75	645.69	Dan Foley	19-Jun-14	Gabbro	RGAB	Grey	Medium		grey to pink medium to crs grained slightly hematite stained gabbro. 50% Px. 40% Pl. 10% IL and 2% pyrite concentrated at contacts.
14CL0001	645.69	645.88	Dan Foley	19-Jun-14	Hornfels	SED	Grey	Fine		grey fine graiend strongly hornfelsesd SED wedge or xenolith with concentrations of pyrite at contacts.
14CL0001	645.88	668	Dan Foley	19-Jun-14	Gabbro	RGAB	Pink	Coarse		Pinkish grey med to crs grained weakly to moderately hematite stained gabbro w/ 45-50% Pl. 45% Px. 5-10% IL and trace pyrite and chalcopyrite. Grain size and alteration are highly variable throughout section.

14CL0001	668	680.38	Dan Foley	19-Jun-14	Gabbro	RGAB	Green	Coarse		White and green crs grained strongly chlorite? and carbonate altered gabbro. Section is highly altered and fractured. Trace pyrite and chalc present.
14CL0001	680.38	750.18	Dan Foley	20-Jun-14	OlivineGabbro	GAB	Grey	Coarse		Grey to pink med to crs grained wk-mod serped non to weakly hematite stained Olivine? Gabbro w/ 45% Pl. 35% Px. 20% Ol and trace Py and Cpy. Upper three meters is characterized by 8-15mm Ol oikocrysts. The rest of the unit displays 2-8mm equant serp'ed Ol grains. Grain size and texture varies throughout unit. 1-3cm carb veins common in the upper 15m of unit. Serp veins common. Lower contact is marked by an increased abundance of fn grnd Ol
14CL0001	750.18	754.64	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium		(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top. Unit contains an average of 1-2% crs blebby Po and Cpy rich sulphides.
14CL0001	754.64	761.26	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium		(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top. Unit conatins .25% irregular Po and Cpy rich sulphides.
14CL0001	761.26	764.49	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium		(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top. Unit conatins 2% blebby irregular Po and Cpy rich sulphides.
14CL0001	764.49	767.37	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium		(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top. Unit conatins 1-2% irregulr blebby Po and CPy rich sulphides.
14CL0001	767.37	768.61	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium		(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top. Unit contains 1.5% blebby irregular Po and Cpy rich sulphides.

14CL0001	768.61	772.4	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium	(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbtro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top.Unit contains .25% patchy sulphides.
14CL0001	772.4	775.27	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium	(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbtro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top.Unit contains 2% blebby irregular Po and Cpy rich sulphides.
14CL0001	775.27	782.51	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium	(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbtro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top.Lower contact almost appears chilled. Unit conatins 0.25% patchy Po amd Cpy rich sulphides.
14CL0001	782.51	789.39	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium	(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbtro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top.Unit contains 0.25% Patchy Po and Cpy rich sulphides.
14CL0001	789.39	794.62	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium	(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbtro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top.Base appears chilled. Unit contains .5% blebby po and CPy rich sulphides.
14CL0001	794.62	802.38	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium	(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbtro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top.Unit contains 2% blebby irregular Po and Cpy rich sulphides.

14CL0001	802.38	806.39	Dan Foley	23-Jun-14	Gabbro	MI	Grey	Medium		(Cyclic Zone) Grey fn to med grained wk serp'ed Olivine gabbro troctolite and mela troctolite. Unit grades from from a melatroctolite at the base to a troctolite and an olivine gabbro at the top. Ol content ranges from 60% at the base to 15% at the top. Unit has a distinct chilled lower contact and contains patchy interstitial Po rich sulphides. Metal tenors look like they would be very low.
14CL0001	806.39	817.56	Jesse Koroscil	27-Jun-14	Gabbro	MI	Grey	Fine	Xenolithic	continuation of mafic intrusive but finer grained, more homogenous and non mineralized. Unit marks gradational bottom contact with Rove formation identified by partially assimilated xenolithic clasts. variable textured sulphideds drop out.
14CL0001	817.56	859.3	Jesse Koroscil	27-Jun-14	Sedimentary	SED	Grey	Silt		Rove formation sediments, interbedded grey silts and black argillite becoming pyritic towards basal contact with underlying Gunflint formation. Contact marked by lapilli of the sudbury impact layer. Bedding thins toward this contact. 840.7 to 842.7 potential ash layer of about 2 meter. ash layers are about 15cm in width. should look in next holes for this horizon. added by G. Wagoner.
14CL0001	859.3	859.8	Jesse Koroscil	27-Jun-14	IronFormation	IronFormation	Grey	FineMedium	ClastAngular	Sudbury impact layer identified by presence of a thin layer of lapilli overlying a chaotic, poorly sorted layer of rip up clasts composed of gunflint cherts and iron grainstone. strong pervasive carbonate alteration/cementation
14CL0001	859.8	873.78	Jesse Koroscil	27-Jun-14	IronFormation	IronFormation	Grey	VeryFine	BeddedCross	Gunflint iron formation, strong pervasive carbonate alteration/cementation. planar and cross bedding visible with sections of fractured cherts and disturturbed/fractured bedding denoted by rip up clasts throughout
14CL0002	0	1	Dan Foley	27-Jun-14	Overburden	OB	Grey			Overburden
14CL0002	1	165.2	Dan Foley	27-Jun-14	Troctolite	TROC	Grey	Medium		Grey med grained wk serp'ed troctolite w/ 55% Pl. 35% Ol. 10% Px and no visibly sulphides. Olivine grains are serpentinized in 1-20cm halos surrounding veins and fractures. Px content decreases in the basal 10m. Grain size is also much more variable in the basal 10m meters than else where. Unit may terminate gains a small SED xeno or a diklet with fine grained pyrrhotite. Ol has seemingly accumulated at the basal contact.
14CL0002	165.2	165.9	Dan Foley	30-Jun-14	Hornfels	SED	Grey	Fine		Grey fine grained partially melted? or hornfelsed? SED xeolith or dikelet w/ fine grained disseminated pyrrhotite. Occurs at the contact between the overlying Troc and underlying PEG Gab.

14CL0002	165.9	245.09	Dan Foley	30-Jun-14	Gabbro	PTG	Grey	Coarse	Grey med to v crs garined wk to mod serp'ed taxitic gabbro w/ 10-15% v crs Peg sections and 85-90% mixture of medium grained Troctolites; olivine gabbros; and gabbros. Unit conatins 5-15cm chromite bearing sections scatters throughout. Chromite sections occur as bands and wispy disseminations. Sulphide content ranges from 0.25-8% as crs grained irregular blebbs or crs interstitial grains. Sulphide content increases down section.
14CL0002	245.09	245.14	Dan Foley	30-Jun-14	MassiveSulphide	MSU	Yellow	Coarse	Pink to yellow crs grained irregular vein like massive sulphide band w/ 55% Pn. 25% Cpy. 5% Po and 15% mafic intrusive.
14CL0002	245.14	247.16	Dan Foley	30-Jun-14	Gabbro	PTG	Grey	Coarse	Grey med to crs grained taxitic olivine gabbro w/ 5% crs blebby to crs interstitial sulphides. Sulphides seem especially Pn rich.
14CL0002	247.16	247.4	Dan Foley	30-Jun-14	MassiveSulphide	MMS	Brown	Coarse	Brownish pink irregular vein like band of mixed massive sulphide in mafics. Overall 55% Sulphide w/ 30% Po. 20% Pn and 5% Cpy.
14CL0002	247.4	254.57	Dan Foley	30-Jun-14	Gabbro	PTG	Grey	Coarse	Grey med grained taxitic olivine gabbro to crs grained gabbro w/ 5% crs blebby and interstitial sulphides. Lower contact marks the end of the Peg gabbro sections. Sulphide content also decreases below this unit.
14CL0002	254.57	304.16	Dan Foley	30-Jun-14	OlivineGabbro	TAX	Grey	Medium	grey fine to med grained wk serp'ed taxitic olivine gabbro w/ intermixed sections of fn-med grained Ol gab and med grained gabbro with white green plag. Unit contains 2% crs irregular to crs interstitial sulphides. Strongly faulted zone from 294-303.47m. Sulphides decrease to .25% from 289-304m. 3% fine disseminated Cpy rich sulphides in the lower 15cm. Contact between Gab and Diab is fairly sharp w/ the CRLK gab possibly brecciating the DIAB.
14CL0002	304.16	328.18	Dan Foley	1-Jul-14	Diabase	LSILL	Grey	Fine	Dark grey to black vfn to fine grained Gabbroic diabase w/ 10% fine disseminated and crs irregular Cpy rich sulphides from 304.16-305.30. Unit coarsens slightly away from the contacts. Lower contact is a sharpish unmineralized contact with the SEDs. Unit has anomalously high Ti and greenish plag phenos. Probably a Logan Sill.
14CL0002	328.18	336.54	Dan Foley	1-Jul-14	Sedimentary	SED	Grey	Fine	Dark grey to black Rove Formation SEDs w/ trace pyrite along fractures and micro defects.
14CL0002	336.54	359.21	Dan Foley	1-Jul-14	Gabbro	LSILL	Red	Medium	Grey to pink fine to med grained slightly hematite stained Gabbro w/ trace pyrite. Section from 337.98-338.15 contains 5 20mm greenish plag phenocrits w/ contacts 90 tca. Section coarsens and becomes hematite stained down section. 55% plag 45% Px. Probable Logan Sill.

14CL0002	359.21	390.46	Dan Foley	1-Jul-14	MaficIntrusive	LSILL	Green	Coarse	Bimodal	grey to light green fine and crs bi modal plagioclase porphyritic gabbro w/ 5-35% 5-30mm light green plagioclase phenocrysts. Matrix appears to be the same medium grained gabbro descibed in the last unit. Pheno content and size decrease down section.Contact with SEDs is fairly sharp and chilled. Trace pyrite throughout. Probable logan sill.
14CL0002	390.46	438.73	Steven Crowell	1-Jul-14	Sedimentary	SED	Grey	Fine		Dark grey to blackfine grained Rove Formation SEDs. with trace pyrite.
14CL0002	438.73	462.84	Steven Crowell	3-Jul-14	MaficIntrusive	LSILL	Grey	Coarse	Bimodal	light to med grey porphyritic gab. lt green plag phenocryst 5-30mm. Small pheno barren section 450.84-451m. Contact is sharp and chilled. Pheno & grn size increase away from contact. No vis sulphide. Pheno contact varies 15-60% near middle of content.Probable logan sill.
14CL0002	462.84	469.17	Steven Crowell	3-Jul-14	Sedimentary	SED	Grey	Fine		dark grey to black seds. (rove frm). Pyrite (1-2%) varies from blebby to bedded.
14CL0002	469.17	481.18	Steven Crowell	3-Jul-14	Diabase	DIAB	Grey	Fine		V fine grn, dark gr to black diab. Blebby pyrite throughout, 1-2%. Low angle contact to core axis.
14CL0002	481.18	507.73	Steven Crowell	3-Jul-14	Sedimentary	SED	Grey	Fine		Grey to blk fine grained Rove Fomrtaiion SEDs w/ trace pyrite.
14CL0002	507.73	509.56	Dan Foley	4-Jul-14	Diabase	LSILL	Grey	Fine		Dark grey vfine to fine grained Diabase w/ ragged sharp chilled contacts at about 30 degrees tca. A few 3-5mm greenish plagioclase crystals have been observed suggesting the interval is probably a Logan Sill.
14CL0002	509.56	513.11	Dan Foley	4-Jul-14	Sedimentary	SED	Grey	Fine		Grey to black fine grained Rove Formation SEDs w/ trace pyrite.
14CL0002	513.11	540.9	Dan Foley	4-Jul-14	MaficIntrusive	LSILL	Grey	Medium		Grey fine to mediumgrained wkly serp'ed or chloritized gabbro or OI? gabbro. Sharp planar chilled lower contact with some pyrite accumulation. unit coarsens away from contacts.Exact modal content is difficult to determine but a sub 1mm rounded equant serped or chlorite altered mineral (possibly OI? or Px) is easily seen. A few 3-5mm greenish plag phenocrysts have been observed suggesting the unit may be aLogan sill.
14CL0002	540.9	565.5	Jesse Koroscil	5-Jul-14	Sedimentary	SED	Grey	VFineSilt		Rove formation, interbedded siltstone and argillite. blebs of pyrite randomly dispersed throughout interval.

14CL0002	565.5	573.61	Dan Foley	5-Jul-14	Diabase	DIAB	Grey	Fine		Dark grey to black vfn to fn grained diabase w/ 0.1% disseminated pyrite. Upper contact is sharp chilled irregular and ~30 degrees tca. Lower contact is sharp chilled planar and ~85 degrees tca. Unit displays a texture characterized by dark grey clouds in amongst lighter gray surroundings which may be a very fine grained ophitic texture? Not sure of intrusive unit. May be a logan sill but no convincing plag phenos present.
14CL0002	573.61	607.35	Dan Foley	5-Jul-14	Sedimentary	SED	Grey	Fine		Dark grey to black fine grained bedded Rove Formation SEDs w trace pyrite.
14CL0003	0	5	Gavin Wagoner	10-Jul-14	NotLogged	NONE				not recovered
14CL0003	5	12.81	Steven Crowell	11-Jul-14	Gabbro	TAX	Green			believe to be a chilled zone, taxitic gabbro/diabase. sed wedges (xenolith of melted seds) are speradic w sulphides being concentrated on the margins. 1-2% sulphide, (95% pyrr 5% chalco). Crs grn gab has 55-60% plag, 30% pyrox, 10-15% ol. Coarsening down hole.
14CL0003	12.81	33.47	Steven Crowell	12-Jul-14	Gabbro	PTG	Grey	Coarse		(cyclic zone) peg tax gab grey crs grn. sericitic alt to plag, crys size varies from 4-15mm in peg zone. cpx varies from 5-35mm. Plag 55-65% CPX 30-40%, OI <5% Magnetite <3%. Sulphides occur in blebs and interstitially. Grns varie from 5-10mm. Pyrr dom wi chalco rim. Chalco increases down hole. Sulphides 1-2% (90% pyrr 10% chalco). 3 Chromite vein occur <10mm near 25m, 1 at 30-50mm at 28m.
14CL0003	33.47	33.57	Steven Crowell	12-Jul-14	Gabbro	GAB	Grey	Medium		leucocratic gab grey med grn. 75-80% plag 15-20% cpx <5% ol. well formed plag crys, 5-8mm. trace magnetite.
14CL0003	33.57	33.67	Steven Crowell	12-Jul-14	Gabbro	PEG	Grey	Coarse		pegmatitic gab grey crs grn. plag crys 10-15mm, cpx 10-20mm. cpx being replaced by magnetite. Plag 50-60%, CPX 35-45%, OI <5%.
14CL0003	33.67	33.87	Steven Crowell	12-Jul-14	Gabbro	GAB	Grey	Medium		gab grey med grn. Same as above section (33.47-33.57) although seemingly less plag, 45-55% 3-5mm in size. CPX 40-45% and OI <5%.
14CL0003	33.87	36.51	Steven Crowell	12-Jul-14	Gabbro	PEG	Grey	Coarse		Pegmatitic gab grey crs grn. CPX varies 15-40mm. Plag seems to occur interstitially in areas and more massive in others with 10-15mm grn size. Plag 50-55%, CPX 40-45%, OI <5% tr Mag. no vis sulphide.
14CL0003	36.51	36.76	Steven Crowell	12-Jul-14	Gabbro	GAB	Grey	Medium		grey gabbro med grn. Plag crystals varie from 3-25mm. very similar to 33.67-33.87 section. Plag 50-60% CPX 40-45% OI <5% Mag <5%.
14CL0003	36.76	38.42	Steven Crowell	12-Jul-14	Gabbro	PTG	Grey	Coarse		peg tax gab grey crs grn wi tr sericitic alt to plag. no vis sulph. Plag 40-50% (interstitial) CPX 40-50% (10-20mm) OI <5% Mag <5%. no vis sulph.

14CL0003	38.42	540.97	Steven Crowell	12-Jul-14	OlivineGabbro	GAB	Grey	Coarse		Px troctolite to Ol Gab grey crs grn. weak sericitic alt to plag throughout section. Peg zones randomly distributed throughout. hematite staining to plag (occurs mostly near peg zones). Plag varies from interstitial to 4-30mm. CPX crystals from 7-30mm.OPX (metallic grey to bronzy) found within CPX grains. Plag 40-50% CPX 10-15% Ol 30-40%. Accessory min-Mag <10%. Trace diss sulph in upper section. No sulph observed down hole.
14CL0003	540.97	574.37	Jesse Koroscil	19-Jul-14	Gabbro	PTG	Purple	Coarse		veri textured gabbro with patches of peg. overall grey/purplish hue to core. roughly equal preportions of plag/cpx, with variable but low amounts of opx (5%). Sulphides are blebby to interstitial and range from mm scale to 45mm, pyrr increases with depthSulphides may include a few small blebs of pentlandite indicated by platy cleavage and bronzy color.
14CL0003	574.37	574.55	Jesse Koroscil	19-Jul-14	MaficIntrusive	LSILL	Grey			greenish/pink mafic intrusive, strongly altered contact zone indicated by color and lack of individual grain boundaries. contact zone looks "cooked" and metasomatized. contains magmatic chalco/pyrr bleb roughly 12mm in length
14CL0003	574.55	600.74	Dan Foley	20-Jul-14	MaficIntrusive	LSILL	Grey	Coarse		Grey to light green crs grained plagioclase porphyritic probable Logan Sill? with up to 70% crs 5-30mm greenish plag phenos and 30% fine grained diabase matrix. Lower contact transitions to a more intergranular looking red stained gabbro w/out phenos.
14CL0003	600.74	607.15	Dan Foley	22-Jul-14	Gabbro	LSILL	Grey	Medium		Grey to pink fine to medium grained intergranular gabbro Logan Sill w/ rare greenish phenos and trace pyrite. 55% Pl and 45% Px.
14CL0003	607.15	649.33	Dan Foley	22-Jul-14	MaficIntrusive	LSILL	Grey	Coarse		Grey to greenish crs grained plagioclase porphyritic gabbroic Logan sill. Plag pheno content generally decreases down section from 70% to 10%. Modally the rock is roughly 70% PL. 30% PX. 1-2% interstitial granophyre and trace pyrite.Section from 615-624 meters appears to be either hematite stained near veins or cross cut by late felsite veins and stringers. Sharp planar lower contact at ~60 degrees tca.

14CL0003	649.33	663	Dan Foley	22-Jul-14	OlivineGabbro	GAB	Grey	Coarse		Grey med to crs grained weakly serp'ed olivine gabbro w/ 45% PL. 35% Px. 16.5% OL and 3.5% crs irregular Po rich sulphides. Unit is slightly heterogenous w/ variations in both grain size and texture. Section may be made up of several pulses separated by accumulations of Po rich sulphide and what appears to be orange to tan fine grained altered intrusive. Sections could also be remnant SED xenos?
14CL0003	663	743.49	Dan Foley	22-Jul-14	OlivineGabbro	GAB	Grey	Coarse		Grey med to crs grained weakly serp'ed Olivine GAB w/ 55% PL. 45% PX. 10% OL and trace sulphides. Unit contains roughly 5% pegmatitic sections which range in length from 5-10cm. Unit becomes less heterogenous down section.
14CL0003	743.49	758.45	Dan Foley	22-Jul-14	OlivineGabbro	PTG	Grey	Coarse		Grey to pink med to vrcs grained weakly serp'ed and hematized? pegmatitic chromite bearing olivine gabbro PTG. Top of unit is marked by ~50cm chromite rich horizon. 50-70% PL. 10-30% PX. 5-40% Ol and .5-15% crs Sulphide. Sulphide content averages 1.5%. The basal 1.5m in contact with the underlying Logan Sill is pink colored suggesting possible hematite staining. Basal 5m of unit is marked by highly fractured and serp'ed fault zone.
14CL0003	758.45	775.24	Dan Foley	22-Jul-14	Gabbro	LSILL	Grey	Medium		Grey to pink fn to med grained hematized? gabbroic Logan Sill w/ 65% PL. 35% Px and trace pyrite. Crs green plag phenos are present at the contact between the sill and the overlying intrusive. interval from 762- displays a pink discoloration in thin vein like bands and wisps. These pink areas some times look like small felsite veins while at other times looking like pink discoloration of the primary minerals.
14CL0003	775.24	780	Dan Foley	24-Jul-14	Sedimentary	SED	Grey	Fine	PartiallyMelted	Dark grey to black vfn to fn grained Rove Formation SEDs w/ trace pyrite and subtle bedding. Unit contains 1-3% small partial melt wisps.
14CL0003	780	788.51	Dan Foley	25-Jul-14	Sedimentary	SED	Grey	Fine		Dark gray fine grained Rove Formation SEDs w subtle bedding and trace pyrite.
14CL0003	788.51	790.11	Dan Foley	25-Jul-14	Breccia	BX	Grey	Fine		Dark grey to black vfn to fn grained hydrotherally altered hydrothermal breccia. Fragments are soubounded in a darker matrix. Structure is associated with druzey qtz.
14CL0003	790.11	828	Dan Foley	24-Jul-14	Sedimentary	SED	Grey	Fine		Dark grey to black vfn to fn grained Rove Formation SEDs w/ trace pyrite and subtle bedding.
14CL0004	0	1.85	Jesse Koroscil	26-Jul-14	Overburden	OB	Blue			small fragments of country rock, chewed up and weathered gabbro.

14CL0004	1.85	9.58	Jesse Koroscil	26-Jul-14	Gabbro	GAB	Grey	Fine		Fine grained xenolithic gabbro but coarsens toward lower contact. 60/40 plag to pyroxene with minor amounts of oxides. trace amounts of sulphides. wispy bands of felsic/granophytic material often surrounds xenoliths.xenoliths are likely an altered mafic intrusive. easily found in dry core by rims of pinkish alteration/granophyre
14CL0004	9.58	39	Jesse Koroscil	26-Jul-14	Gabbro	TAX	Blue	Coarse		blueish veritextured gabbro. patches of peg throughout but does not dominate lithology. 60/40 plag to clinopyroxene both euhedral to subhedral grains. 2-3% sulphides. Pyrr>Chalco. blebby to coarse interstitial. Small amount of oxides throughout.
14CL0004	39	60	Jesse Koroscil	26-Jul-14	Gabbro	GAB	Blue	Coarse		gradational contact from veritextured gabbro into a homogeneous coarse grained gabbro. composition similar to veri textured with acception to increased OI and Magnetite towards bottom of hole. both become <10 modal%.trace amounts of sulphides throughout; .01%
14CL0005	0	239.6	Shannon Molloy	29-Jul-14	Troctolite	TROC	Grey	Medium		60% plag; 30% olivine; 10% pyroxene; trace biotite; trace sulphides; massive troctolite;medium grained; grey in colour; massive; possible xenolith (or dyke) at 22.8m. Xenolith has plag phenocrysts in a f.g matrix.
14CL0005	239.6	260.68	Shannon Molloy	31-Jul-14	Gabbro	PTG	Grey	Medium	Cyclic	cyclic gabbro; medium to coarse grained gabbro with pegmatitic intervals; chromite bands ranging from 1cm to 6.5cm. grey in colour; increase in olivine alt from up hole; no sulphides observed. locally magnetic.
14CL0005	260.68	329.23	Shannon Molloy	31-Jul-14	Gabbro	PTG	Grey	Medium	Cyclic	medium to coarse grained with peg zones; chromite horizons vary on mm-cm scale throughout the unit. sulphide percentage increases downhole. majority of sulph is chalco with pyrrhotite and possible pentlandite. 1% blebby to interstitial sulphides.Below 287m sulphide content increases to 1.5-2%; chalco dominates. sulphides are sporadic; chromite horizons are unobserved after 300m. 316-329.23m blebby to interstitial sulphide content is 3%; 50/50 chalco/po with trace pent.
14CL0005	329.23	329.33	Shannon Molloy	3-Aug-14	MassiveSulphide	MSU	Brown			70% sulphides; 10% chalco; 70% po and 20% pent; mixed massive sulph and gabbro; brownish-pink and yellow in colour.
14CL0005	329.33	347.79	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		medium to coarse grained cyclic gabbro with peg zones; no chromite horizons observed; grey in colour and massive. 10% olivine; 50% plag; 40% cpx. 3-4% sulphides; blebby to interstitial. 60% chalco and 40% po; trace pent. same unit as previous

14CL0005	347.79	347.83	Shannon Molloy	3-Aug-14	MassiveSulphide	MSU	Brown			80% sulphide vein in PTG unit. brownish-yellow in colour; magnetic; po dominant; 80% po and 10% chalco
14CL0005	347.83	367.1	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		medium grained gabbro with sporadic peg zones; 10% olivine; 40% cpx; 50% plag; grey in colour; 6% blebby to interstitial sulphides dominated by po; 80/20 for po/chalco with trace pent. olivine grains are more obvious due to serpentinization.
14CL0005	367.1	367.18	Shannon Molloy	3-Aug-14	MassiveSulphide	MSU	Brown			mized massive sulphide vn and gabbro; 70% sulphide 30% gabbro. brownish-yellow in colour; weakly magnetic; 60/40 for po/chalco; mod serp alt within gabbro
14CL0005	367.18	394.72	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		medium grained gabbro with sporadic peg zones; 10% olivine; 40% cpx; 50% plag; grey in colour; 2-3% blebby to interstitial sulphides dominated by po; 80/20 for po/chalco with trace pent. olivine grains are more obvious due to serpentinization.70% chalco; 20% po; 10% pent
14CL0005	394.72	394.81	Shannon Molloy	3-Aug-14	MassiveSulphide	MSU	Yellow			massive sulph[hide vns; yellow and brown in colour; 45% po; 45% chalco; 10% pent; vn has stringers of sulph coming off of the main vein; two vns appear to be joined together
14CL0005	394.81	395.75	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		5% interstitial to blebby sulphides; medium grained gabbro; grey in colour; 50% plag; 40% cpx; 10% olivine; some plag grains appear greenish possibly due to sericite alteration.
14CL0005	395.75	395.76	Shannon Molloy	3-Aug-14	MassiveSulphide	MSU	Brown			massive sulphide vn less than 1cm thick; po dominated; 80% po; 15% chalco; 5% pent; vn increases in thickness near the down hole portion; yellow in colour
14CL0005	395.76	396.55	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		medium grained gabbro; grey in colour; 10% ol; 50% plag; 40% CPX; 1% sulphides; blebby to interstitial; dominantly chalco; olivine appears to increase near serp vns
14CL0005	396.55	396.59	Shannon Molloy	3-Aug-14	MassiveSulphide	MSU	Brown			massive sulphide vn; 80% po; 10% chalc; 10% pent; brown and yellow in colour; oxides present; magnetic; bits of gabbro within the vein
14CL0005	396.59	421.14	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		medium grained gabbro; grey in colour; 10% ol; 50% plag; 40% cpx; 4-5% interstitial to blebby sulphides; sporadic clusters of plagioclase grains; 50/50 chalco and poplag grains appear green due to weak sericite alteration
14CL0005	421.14	421.46	Shannon Molloy	3-Aug-14	Gabbro	MMS	Brown			35% po and 15% pentlandite; mixed massive sulphidewith gabbro; brown and grey in colour; medium grained gabbro.
14CL0005	421.46	422.04	Shannon Molloy	3-Aug-14	Gabbro	PTG	Grey	Medium		medium grained gabbro; grey in colour; 20% magmatic sulphides and pyrite; blebby in texture; yellowish-bronze in colour

14CL0005	422.04	437.13	Shannon Molloy	3-Aug-14	Sedimentary	SED	Grey	Fine		fine grained seds; rove fm; dark grey in colour; bedding thickness varies in size; pyrite beds present; pyrite blebs also present; 1-2% pyrite;
14CL0005	437.13	465.59	Shannon Molloy	3-Aug-14	Gabbro	LSILL	Grey	Coarse		logan sill; medium grained gabbro with plag phenos; phenos range from mm to cm scale; plag phenos are greenish in colour due to sericitization; hem alt to plag grains localized near carb vns; trace pyrite. Phenos make up 60-70% of the rock.
14CL0005	465.59	477.04	Gavin Wagoner	5-Aug-14	Gabbro	RGAB	Brown	Medium		Grey to red med grained gabbro. Likely part of the Logan sill above and below. plag is partially stained red. 60% plag and 40% px with trace disseminated pyrite. No alteration or chill at contact.
14CL0005	477.04	505.94	Gavin Wagoner	5-Aug-14	Gabbro	LSILL	Grey	Coarse		grey to white med to coarse grained gabbro with large Phenocrysts of plag (0.5-1cm). Liley logan sill. Plag 55% px 45%. Less large pheno crysts then section 437.13-465.59. gradational upper contact and chilled lower contact with sediments.
14CL0005	505.94	553.76	Gavin Wagoner	5-Aug-14	Sediment	SED	Grey	Fine		Grey to black fn gr rove formation sediments. Trace pyrite bed and blebs thinly bedded. slight hornfelsing near upper and lower contact. some quartz carbonate veining near 532m. at 539.5m 3cm irregular bed with 40% pyrite.
14CL0005	553.76	586.81	Gavin Wagoner	5-Aug-14	Gabbro	LSILL	Grey	Fine		Grey to brown fine grained gabbro with plag stained red in some areas. Unsure to code this unit MI or RGAB. Higher px content then RGAB unit above. 55%PX and plag 45%. Potentially some olivine near the bottom. very weakly magnetic. Chilled upper contact Chill zone has sparatic small 2-4mm plag crystals. Believed to be a LSILL due to 2 cm plag crystals at 585.3m showing sericitic alteration.
14CL0005	586.81	653.29	Steven Crowell	6-Aug-14	Sedimentary	SED	Black	Fine		V fine grained dark grey to black seds (rove formation). Pyrite blebs occupy .5-1% between 586.81 to 607m. Blebs can be up to 10mm in size. The blebs seem to be following bedding near 603.4m. Below 603.4m pyrite blebs decrease to trace amounts. Pyrite beds (1-5mm) occur near lower contact. Carbonate veins occur sporadically throughout section from 1mm to 20mm

14CL0005	653.29	654.74	Steven Crowell	6-Aug-14	Gabbro	MI	Grey	Fine		Small section of mafic intrusion (likely LSILL). Very fine grained dark grey to black. 3 discontinuous blebs of carbonate/plag mix occur together at 654.15m showing black alteration halos. Trace pyrite grains occur as 1mm blebs near contact. Halos are not directly in contact with blebs but occur between 5-10mm away. Section is discontinuously magnetic. Upper and lower contacts are not magnetic. Magnetism is higher near center of section. Aphanitic texture.
14CL0005	654.74	753.52	Steven Crowell	6-Aug-14	Sedimentary	SED	Black	Fine		very fine grained black seds (rove formation). Carbonate veins are common (potentially fracture filling) and are 1-3 mm in size. Pyrite beds occur between 696-701m and at 721.03m and 726.49m. They are 5-10mm. rock is very broken up. Brecciated 744-753.52 High angle contact with sediments above. Bottom brecciated section lots of carbonate filled fractures with a large amount of slickensides. Could be broken up from underlying dike/ sill. GW
14CL0005	753.52	772.26	Shannon Molloy	11-Aug-14	Diabase	DIAB	Grey	Fine		fine grained diabase; dark grey in colour; trace diss py present; sed xenoliths between 755.22 and 755.63; mod carb veining (stronger carb near upper contact with seds); rock is moderately broken up. Very high angle upper contact suggesting it is a dike. GW
14CL0005	772.26	783.6	Shannon Molloy	11-Aug-14	Sedimentary	SED	Black	Fine		fine grained seds; black to dark grey in colour; clay seams (brown) occur throughout section 0.5-3cm in size; trace py beds; sed rock is more competent than previous sed unit (654.74-753.52m)
14CL0005	783.6	784.61	Shannon Molloy	11-Aug-14	Carbonaceous	SED	White		Nodular	white carbonate nodules with hem staining in a grey matrix; nodules are reversely graded with finer grained material more downhole than the coarser grains; nodules range from circular to elongated; grainsize varies from very fine to pebble sized (<9mm); 1% pyrite blebs; reverse graded carb nodules may represent a regressive/transgressive deposition environment
14CL0005	784.61	801	Shannon Molloy	11-Aug-14	Sedimentary	SED	Black	Fine		fine grained black seds; more competent than sed unit at 654.74 to 753.52m; 0.25% blebs of pyrites ranging in size from 1mm to 15mm; bedding conforms around blebs; clay seam (7cm) occurs right at contact between seds and carbonaceous unit
CRLK_209748	0	35	Gavin Wagoner		Overburden	OB		Fine		Angular fragment clay rich matrix. Gauge material is medium to dark grey variable grained.

CRLK_20974 8	35	198.31	Gavin Wagoner		Argillite	SED		Fine		Argillite greywacke shale. Med to dark grey to locally black. Very fn gr massive argillaceous shale. Locally interbedded argillite and fn gr greywacke. Rare carbonate filled fractures.
CRLK_20974 8	198.31	213.05	Gavin Wagoner		Gabbro	GAB		Fine		Porphyritic gabbro. Silicified chill margin. Upper contact with overlying sediments is sharp. 40-60% plag 10-15% px 5-10% amphibole. Minor opaques hornblende sericite and chlorite. Trace to 1% sulph. At 200 1 meter of increase sulphides 3-5%
CRLK_20974 8	213.05	359.16	Gavin Wagoner		Argillite	SED		Fine		Argillite greywacke and shale. Similar to Sed unit above. Massive very fn gr. Med to dark grey and locally black. Many late felsic dikes. Under a meter.
CRLK_20974 8	359.16	440.57	Gavin Wagoner		Gabbro	GAB		Fine		Porphyritic gabbro. Massive porphyritic to medium to coarse gr. Cream and dark brownish grey colored. Predominantly composed of cr gr feldspar rich gab. 45-65% plag. From 380 to 394.47 crystal lake gab 0.5-1% sulphide at both contacts.
CRLK_20974 8	440.57	449.94	Gavin Wagoner		Argillite	SED		Fine		Argillite greywacke shale. Massive to laminated vfg dark grey to black colored rock. Trace to 2% pyrite.
CRLK_20974 8	449.94	480.47	Gavin Wagoner		Gabbro	GAB		Medium		Crystal Lake Gabbro. Granophyric gabbro. Massive med to cr gr dark grey and orangey pink colored rock. 40-65% plag. 10-30% px/amphibole. Minor mafics. Typically contains trace to locally 2 % sulphides fn gr to blebby.
CRLK_20974 8	480.47	482.5	Gavin Wagoner		Shale	SED		VeryFine		Black pyritic shale argillite. Laminated very fn gr dark brownish grey to black colored rock. Dominantly composed of clay minerals and approx 1-10% lamination parallel very fn gr pyrite. Laminations 1-10cm thick. Unit is broken up do to the nearby fault.
CRLK_20974 8	482.5	489.3	Gavin Wagoner		Breccia	BX		Fine		Strongly bx interval consisting of prismatic qtz crystals and cemented fragments. The small qtz crystals are terminated by rhombohedrons. Silicified fragments are angular and are cemented by massive granular qtz. Poor RQD 0-25%.
CRLK_20974 8	489.3	493.28	Gavin Wagoner		Argillite	SED		Fine		Argillite greywacke shale. Laminated very fn gr dark grey to black colored rock. Consists mainly of silt sized clay particles and minor dusty pyrite trace -2%
CRLK_20974 8	493.28	500.25	Gavin Wagoner		OlivineGabbro	GAB		Medium		Olivine gabbro. Massive med gr dark olive greenish grey colored rock. Composed dominantly of 30-50%plag 15-35% px and amphibole and 10-20% minor minerals such as epidote biotite chlorite and possibly sericite. Typically 1% disseminated sulph up to 3%

CRLK_20974 8	500.25	579.5	Gavin Wagoner		Argillite	SED		VeryFine		Argillite greywacke shale. Laminated vfg med grey to dark grey to black colored rock. Few 1cm pyrite nodules occasionally elongated with bedding orientation. 2-8% pyrite
CRLK_20974 8	579.5	636	Gavin Wagoner		Argillite	SED		VeryFine		Laminated vfg dark grey to black colored rock. Similar to unit above but mag sus reading elevated due to increase pyrrhotite content 5-10%. Rare mm-cm thick semi massive pyrite bands.
CRLK_20974 8	636	638.89	Gavin Wagoner		Argillite	SED		VeryFine		Contact zone. Strongly brecciated interval. Mm-cm thick veins containing carb and kspar and serp.
CRLK_20974 8	638.89	646.26	Gavin Wagoner		Diabase	DIAB		Fine		Diabasic fn gr gabbro. Massive fn to med gr brownish grey and pink colored rock. Composed of 45-55% plag. 25-35% px amphibole and 10-25% minor constituents including chlorite, biotite, qtz and opaques. Trace to 4% blebby sulph po py cpy
CRLK_20974 8	646.26	684.37	Gavin Wagoner		Argillite	SED		Fine		Argillite greywacke shale. Laminated vfg dark grey to black colored rock. Contains 1-6% fn gr laminated and nodular pyrite 1-6mm in size.
CRLK_20974 8	684.37	693.27	Gavin Wagoner		Argillite	SED		Fine		Similar to unit above but contains several 1-4cm thick beds of light green grey clayey sediments. Resembles serp or take greasy feel. Rare fn gr radiating pyrite sausages.
CRLK_20974 8	693.27	702.53	Gavin Wagoner		Sediment	SED		Fine		Laminated and brecciated fn gr amorphous light grey to medium blue grey colored rock. Transitional sed unit. Contains highly contorted laminations. Locally brecciated. Contains numerous sub rounded chert fragments.
CRLK_20974 8	702.53	719.51	Gavin Wagoner		Sediment	SED		Fine		Gunflint Formation sediments. Massive to locally laminated vfg black colored rock contains a few fragments and bands of underlying iron formation no sulphides.
CRLK_20974 8	719.51	751.5	Gavin Wagoner	13-Oct-14	IronFormation	IronForma tion	Green	Fine		Massive to laminated aphanitic to fn gr very hard brownish red and locally green colored rock. Consists of irregularly altering bands of microcrystalline red chert jasper and massive magnetite bands. EOHA also contains slightly coarser grained intervals of mixed chert and magnetite. Weak patchy carbonate alternation. Interval near up hole contact contains less chert and is locally brecciated up hole contact gradual.
CRLK-140	0	1.52	Scott McFadden	7-Nov-68	Overburden	OB				casing
CRLK-140	1.52	379.48	Scott McFadden	7-Nov-68	Gabbro	GAB				Gabbro, unmineralized

CRLK-140	379.48	483.72	Scott McFadden	7-Nov-68	Gabbro	GAB				Gabbro with disseminated Cp,Po, Pn
CRLK-140	483.72	680.62	Scott McFadden	7-Nov-68	Gabbro	GAB				Gabbro, unmineralized
CRLK-140	680.62	756.06	Scott McFadden	7-Nov-68	Gabbro	GAB				Gabbro with disseminated Cp,Po, Pn
CRLK-140	756.06	760.63	Scott McFadden	7-Nov-68	Hornfels	SED				chilled zone hornfels
CRLK-140	760.63	760.93	Scott McFadden	7-Nov-68	MassiveSulphide	MSU				massive sulfides with no depth given with next interval. 12 massive sulfide bands from 1/4" to 2" wide
CRLK-140	760.93	785.47	Scott McFadden	7-Nov-68	MetaSediment	SED				Slates and Argillites with 12 massive sulfide bands from 1/8' up to 4". No depths provided
CRLK-72-10	0	1.22	Brett Whiteley	24-Feb-73	Overburden	OB				Surface casing
CRLK-72-10	1.22	57.3	Brett Whiteley	24-Feb-73	Gabbro	GAB				Pegmatitic gabbro. Chromite mineralization is present from 4-134' with a strong mineralization noted at 74-94'. Gabbro banding present 54-74'. Very broken ground with poor recovery in transition zone to fine-grained gabbro at 154-164'. Fine-grained gabbro from 154-188'. Composition is 30% mafics with 70% plag. Cp is at 1.0%, Po is 1.8%, Pent is 0.8%. Grain size is 100mm for silicates and 50mm for sulphides.
CRLK-72-10	57.3	60.96	Brett Whiteley	24-Feb-73	Greywacke	SED				Graywacke with sharp contact present at 30 degrees from core axis. End of hole.
CRLK-74-4	0	85.04	Brett Whiteley	15-Mar-73	Gabbro	GAB				Pegmatitic gabbro with transition zone of anoth. Gabbro beginning at 28' with minor sulphides/serp/chromite in fractures. Narrow brecciated zones at 117-220' and 135-137'. Pegmatitic gabbro following for rest of interval. Composition is 25% mafics and 75% plag. Cp is 1.3%, Po is 1.4%, Pent at 1.1%. Grain size is 75mm for silicates and 25-50mm for sulphides.
CRLK-74-4	85.04	86.56	Brett Whiteley	15-Mar-73	SemiMassiveSulphid	SMSU				Semi-massive sulphides. Assay data yields a 0.48% Ni and 0.24% Cu over the 258-268' interval.
CRLK-74-4	86.56	102.72	Brett Whiteley	15-Mar-73	Gabbro	GAB				Pegmatitic gabbro with chromite mineralization. 30% mafics and 70% plag. Cp is 0.7%, Po is 0.8%, Pent is 0.6%. Grain size is 75mm to 40mm for sulphides.

CRLK-74-4	102.72	107.9	Brett Whiteley	15-Mar-73	Argillite	SED				Argillite. End of hole.
CRLK-74-5	0	1.22	Brett Whiteley	17-Mar-73	Overburden	OB				Surface casing
CRLK-74-5	1.22	83.21	Brett Whiteley	17-Mar-73	Gabbro	GAB				Pegmatitic gabbro transition zone in beginning of interval with chromite mineralization mix. Minor sulphide mineralization at 32'. Chromite mineralization continues to 142'. Calcite/serp in fractures at 239'. Medium grained gabbro from 262-272'. Composition is 25% mafics and 75% plag. Cp is 0.75%, Po is 0.8%, Pent is 0.6%. Grain size is 75mm for silicates and 50mm for sulphides.
CRLK-74-5	83.21	90.52	Brett Whiteley	17-Mar-73	Gabbro	GAB	Grey			Finer grained gabbros with fault zone noted at 273-274'. Transitioning into greywacke at end of interval. 40% mafics and 60% plag. Cp is 0.8%, Po is 1.0%, Pent is 0.6%. Grain size is 25mm for silicates and 50mm for sulphides.
CRLK-74-5	90.52	90.98	Brett Whiteley	2-Aug-13	Greywacke	SED	Grey			Greywacke
CRLK-74-5	90.98	91.44	Brett Whiteley	17-Mar-73	MassiveSulphide	MSU				Massive Chalcopryrite present in greywackes. Sulphide content in 297-307' interval is Cp at 3.0%, Po at 2.0%, Pent at 1.0%. Grain size is 25mm for silicates and 50mm for sulphides. Assay results from the 297-300' interval are 1.6% Ni and 5.9% Cu.
CRLK-74-5	91.44	96.62	Brett Whiteley	17-Mar-73	Greywacke	SED				Greywacke with a core angle of 70 degrees. End of hole.
CRLK-75-3	0	11.02	Brett Whiteley	15-Mar-73	Gabbro	GAB	Grey			Pegmatitic gabbro with chromite mineralization. Minor sulphides noted 60-67'. No sulphides in composition data in this interval. 30% mafics and 70% plag. Silicate grain size is 100mm.
CRLK-75-3	11.02	11.1	Brett Whiteley	12-Dec-13	Dyke	D	Grey	FineSilt		fine grained cross cutting dyke. sample taken for geochem.
CRLK-75-3	11.1	31.09	Brett Whiteley	12-Dec-13	Gabbro	GAB	Grey			Pegmatitic gabbro with chromite mineralization. Minor sulphides noted 60-67'. No sulphides in composition data in this interval. 30% mafics and 70% plag. Silicate grain size is 100mm.
CRLK-75-3	31.09	32.31	Brett Whiteley	15-Mar-73	BrecciaFault	FLT				Fault breccia zone for 4'. No composition data available.
CRLK-75-3	32.31	107.44	Brett Whiteley	15-Mar-73	Gabbro	GAB				Pegmatitic gabbro. Med-grained gabbro present for the last 6.5' of interval from 346-352.5'. Composition is 25% for mafics and 75% plag. Cp is 1.7%, Po is 2.3%, Pent is 1.1%. Grain size is 100mm for silicates and 50mm for sulphides.
CRLK-75-3	107.44	107.9	Brett Whiteley	15-Mar-73	Greywacke	SED				Greywacke with no composition data available. End of hole.

CRLK-76-6	0	1.52	Brett Whiteley	1-Jan-20	Overburden	OB				Surface casing
CRLK-76-6	1.52	29.57	Brett Whiteley	1-Jan-20	Gabbro	GAB				Anorthositic gabbro from 5-18' into a transition zone of bands in Pegmatitic gabbro for rest of interval. End of interval has sharp contact at 75degrees to core axis. Minor sulphides noted, but no percentages available.Composition is 30% mafics and 70% plag. Silicate grain size is 65mm.
CRLK-76-6	29.57	114	Brett Whiteley	1-Jan-20	Gabbro	GAB				Pegmatitic gabbro with chromite mineralization present 97-187'. Serp alteration in fractures noted 257-297'. Calcite present in fractures 317-327'. Zeolite mineralization from 327-337'. 337-374' is fine-grained pegmatitic gabbro with mottled appearance.Composition is 30% mafics with 70% plag. Cp is 0.8%, Po is 1.1%, Pent is 1.0%. Grain size is 100mm for silicates and 65mm for sulphides.
CRLK-76-6	114	115.64	Brett Whiteley	1-Jan-20	Argillite	SED				Argillite with sharp contact 98 degrees to core axis. Minor greywacke bands.
CRLK-76-6	115.64	115.7	Brett Whiteley	1-Jan-20	MassiveSulphide	MSU				0.2' band of massive sulphides. Composition data is over 374-386' interval: cp is 3.0%, Po is 4.0%, Pent is 2.5%. Sulphide grain size is 75mm. Assay data from 374-386' is 1.14% Ni and 2.67% Cu.
CRLK-76-6	115.7	116.53	Brett Whiteley	1-Jan-20	Argillite	SED				Argillite with sharp contact 98 degrees to core axis. Minor greywacke bands.
CRLK-76-6	116.53	116.77	Brett Whiteley	1-Jan-20	MassiveSulphide	MSU				0.8' band of massive sulphides. Composition data is over 374-386' interval: cp is 3.0%, Po is 4.0%, Pent is 2.5%. Sulphide grain size is 75mm. Assay data from 374-386' is 1.14% Ni and 2.67% Cu.
CRLK-76-6	116.77	122.53	Brett Whiteley	1-Jan-20	Argillite	SED				Argillite with greywacke bands. End of hole.
CRLK-76-8	0	0.91	Brett Whiteley	1-Jan-20	Overburden	OB				Surface casing
CRLK-76-8	0.91	66.14	Brett Whiteley	1-Jan-20	Gabbro	GAB				Anorthositic gabbro present from 3-81' transitioning into pegmatitic gabbro with serp and calcite in fractures and back into anorthositic gabbro. Pegmatitic gabbro with chromite mineralzation with minor spulphides are present 182-197'and into transition zone of anorothositic pegmatitic gabbro with calcite present. No sulphides present in interval.

CRLK-76-8	66.14	142.34	Brett Whiteley	1-Jan-20	Gabbro	GAB				Interval begins with sharp contact to above unit. Pegmatitic gabbro with chromite mineralization 227-247', 257-267' and carbonates present 247-257' and 407-417'. Gabbro noted as mottled from 447-467'. Composition is 25% mafics and 75% plag.Cp is 1.1%, Po is 1.5%, Pent is 1.2%. Grain size is 100mm for silicates and 50mm for sulphides.
CRLK-76-8	142.34	146.3	Brett Whiteley	1-Jan-20	Gabbro	GAB				Very fine-grained gabbro with questionable minor sediments. End of hole.
CRLK-77-2	0	0.61	Brett Whiteley	20-Dec-72	Overburden	OB				Surface casing
CRLK-77-2	0.61	34.75	Brett Whiteley	20-Dec-72	Gabbro	GAB				Pegmatitic gabbro that transition into anorthositic gabbro. Pegmatitic gabbro follows with serp (51.5-52'') and calcite noted in fractures. No Sulphide content in interval. 35% mafics and 65% plag. Grain size is 75mm for silicates.
CRLK-77-2	34.75	92.81	Brett Whiteley	20-Dec-72	Gabbro	GAB				Pegmatitic gabbro with serp noted in fractures. Breccia zone of unknown width in 124-134' interval and fault zone of unknown width in 134-144' interval. Calcite vein noted 195-196' and serp at 198-199.5'. Composition is 30% mafics and 70% plag.Fine-grained gabbros intermixed at 144-154' and 274-284'. Cp is 1.5%, Po is 2.1%, Pent is 1.2%. Grain size is 100mm for silicates and 50mm for sulphides.
CRLK-77-2	92.81	93.12	Brett Whiteley	20-Dec-72	MassiveSulphide	MSU				Massive chalcocopyrite from 304.5-305'. Massive Pyrrhotite 305-305.5'. In sediments (does not specify). No composition data available. Assay data from 294-306' is 0.96% Ni and 2.19% Cu.
CRLK-77-2	93.12	96.62	Brett Whiteley	20-Dec-72	Argillite	SED				Argillite. End of hole.
CRLK-93-4	0	0.91	Brett Whiteley	25-Aug-73	Overburden	OB				Surface casing
CRLK-93-4	0.91	84.43	Brett Whiteley	25-Aug-73	Gabbro	GAB				Altered anorthositic gabbro to 78' with fault zone from 80-83', 101-103'. Many serp/carb fractures from 78-128', 200-238', possible breccia zones?. Transitioning to unaltered anortho gabbro at end of interval. No sulphides content with 35% mafics and 65% plag. 5mm silicate grain size.
CRLK-93-4	84.43	84.73	Brett Whiteley	25-Aug-73	Dyke	MI				Mafic dyke noted
CRLK-93-4	84.73	123.75	Brett Whiteley	25-Aug-73	Gabbro	GAB				Transition zone with minor chromite and traces of sulphides in pegmatitic zone. No sulphide content. 35% mafics with 65% plag. 5-7mm for silicate grain size.

CRLK-93-4	123.75	172.52	Brett Whiteley	25-Aug-73	Gabbro	GAB				Pegmatitic gabbro with chromite mineralization to 416' and 436-446'. Fine-grained gabbro zone from 524-525'. Composition is: 35% mafics and 65% plag. Cp is 1.2%, Po is 1.6%, Pent is 1.2%. Grain size is 1-10mm for silicates and 1-5mm for sulphides.
CRLK-93-4	172.52	172.97	Brett Whiteley	25-Aug-73	MassiveSulphide	MSU	Yellow			Massive sulphides noted in this interval at an unknown depth. Width is reported at 1.5' in 566-576' interval. Assay data from that interval is: 0.75% Ni and 1.9% Cu
CRLK-93-4	172.97	173.58	Brett Whiteley	25-Aug-73	Gabbro	GAB	Grey			Pegmatitic gabbro. Composition is: Cp is 8.0%, Po is 10%, Pent is 5.0%. Grain size is 3-10mm for silicates and 1-5mm for sulphides.
CRLK-93-4	173.58	173.73	Brian Goldner	5-Dec-13	MassiveSulphide	MSU	Yellow	MediumSilt		MSU, dominantly Cpy. 4mm magnetite band on margin showing botryoidal suggesting some sort of secondary involvement. Some magnetite is in the MSU in wormy blebs but most on margin.
CRLK-93-4	173.73	216.41	Brett Whiteley	25-Aug-73	Gabbro	GAB	Grey			pegmatitic gabbro with possible fault zone from 616-617.5'. Composition is: 30% mafics and 70% plag. Cp is 1.3%, Po is 1.2%, Pent is 0.7%. Grain size is 3-7mm for silicates and 1-3mm for sulphides.
CRLK-93-4	216.41	217.78	Brett Whiteley	25-Aug-73	BrecciaFault	GAB	Grey			Fault breccia noted
CRLK-93-4	217.85	218.03	Brett Whiteley	25-Aug-73	MassiveSulphide	MSU	Yellow			Massive section of Chalcopyrite and Pyrrhotite noted. Composition data is from 706-716': 35% mafics with 65% plag. Cp is 5.0%, Po is 8.0%, Pent is 4.0%. Grain size is 3-7mm for silicates and 1-5mm for sulphides. Assay data shows over the 706-716' interval that Ni is 0.99% and Cu is 1.48%.
CRLK-93-4	218.03	218.24	Brett Whiteley	25-Aug-73	MassiveSulphide	MSU	Grey			Massive section is noted at an unknown depth, but a width of 0.5' is reported. Assay data shows over the 706-716' interval that Ni is 0.99% and Cu is 1.48%.
CRLK-93-4	218.24	221.89	Brett Whiteley	25-Aug-73	Gabbro	GAB				Altered to mottled gabbro with red K-spar rich zones. Composition data is over the 716-728' interval: 40% mafics and 60% plag. Cp is 2.0%, Po is 3.0%, Pent is 2.0%. Grain size is 5mm for silicates and 1-3mm for sulphides.
CRLK-93-4	221.89	225.55	Brett Whiteley	25-Aug-73	Gabbro	GAB				Gabbro porphyry with red k-spar rich zone at 728-729'. Chilled gabbro follows for rest of interval.
CRLK-93-4	225.55	227.99	Brett Whiteley	25-Aug-73	Greywacke	SED				Interbanded greywacke and argillite at 80-90 degrees from core axis. End of hole.
CRLK-BC-216	0	3.05	Scott McFadden	11-Nov-72	Overburden	OB				casing

CRLK-BC-216	3.05	60.05	Scott McFadden	11-Nov-72	Gabbro	GAB				fine to med grained anorthositic Gabbro 25-50 mm grain size. 25% Mafic/75%Pl. unmineralized
CRLK-BC-216	60.05	105.4	Scott McFadden	11-Nov-72	Gabbro	GAB				Pegmatitic Gabbro 100-250 mm grain sized. Moderate talc alteration with carb/talc infill of fractures. Occasional FG Gabbro bands.
CRLK-BC-216	105.4	105.46	Scott McFadden	11-Nov-72	semiMassiveSulphid	SMSU				Po dominant
CRLK-BC-216	105.46	107.9	Scott McFadden	11-Nov-72	Gabbro	GAB				Pegmatitic Gabbro 100-250 mm grain sized. 35%Mafics/65%Pl. Moderate talc alteration with carb/talc infill of fractures. Occasional FG Gabbro bands.
CRLK-BC-216	107.9	108.51	Scott McFadden	11-Nov-72	semiMassiveSulphid	SMSU				estimated width. Not broken out in logs.
CRLK-BC-216	108.51	118.26	Scott McFadden	11-Nov-72	Gabbro	GAB				FG Gabbro (50mm) with 40%Mafics/60%Pl. With sulfides along fractures
CRLK-BC-216	118.26	118.87	Scott McFadden	11-Nov-72	semiMassiveSulphid	SMSU				Po dominant
CRLK-BC-216	118.87	120.4	Scott McFadden	11-Nov-72	Gabbro	GAB				FG Gabbro (50mm) with 40%Mafics/60%Pl. With sulfides along fractures
CRLK-BC-216	120.4	122.83	Scott McFadden	11-Nov-72	Sediment	SED				Seds contact. Cpy and Po present along fractures.
CRLK-BC-216	122.83	124.97	Scott McFadden	11-Nov-72	semiMassiveSulphid	SMSU	Yellow			Slate with semi massive Cpy and Po fracture controlled
CRLK-BC-300	0	6.1	Dan Foley	10-Dec-13	NotLogged	NotLogged				No Core.
CRLK-BC-300	6.1	311.77	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	Medium		Grey medium grained weakly chloritized gabbro w/ 50% Pl. 45% Px and less than 5% Ox. Trace sulphides. Unit displays variale Px alteration from fresh to completely altered. Logged form Skeleton core.
CRLK-BC-300	311.77	366	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	Medium		Grey med to med crs weakly chloritized gabbro w/ 50% Pl. 45%. Px 5% or less Ox and trace sulphides. Section coarsens slighly down section. Two types of Px (CPX and OPX) may be present down section.

CRLK-BC-300	366	432.75	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	MediumCoarse		Grey medium to crs grained weakly chloritized gabbro and intermixed very crs grained pegmatitic gabbro. 50% px. 45% Pl. 5% Ox and trace sulphides. Unit contains decimeter scale intervals of v crs pegmatitic gabbro.
CRLK-BC-300	432.75	446.57	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	MediumFine	Melanocratic	Dark grey med fn grained weakly chloritized mela gabbro w/ 60% Px. 35% Pl and 5% crs irregular sulphides.
CRLK-BC-300	446.57	446.74	Dan Foley	10-Dec-13	MassiveSulphide	MSU	Brown	Coarse		Crs 75% massive sulphide. Pyrrhotite rich
CRLK-BC-300	446.74	457	Dan Foley	10-Dec-13	Troctolite	GAB	Grey	MediumFine	Melanocratic	Dark grey med fn grained weakly chloritized mela troctolite w/ 60% Ol?. 37% Pl and 3% crs irregular sulphides. gradational contact with underlying leuco gabbro.
CRLK-BC-300	457	478.3	Dan Foley	10-Dec-13	Leucogabbro	GAB	Grey	Coarse		Grey crs grained weakly chloritized leuco gabbro w/ 70% Pl. 30% Px and trace sulphides and oxides. Plag graines 3-10mm and show distinct overgrowth zoning. Px appears to mainly interstitial.
CRLK-BC-300	478.3	560.42	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	MediumCoarse		Grey medium crs grained weakly chloritized Gabbro w/ 50% Pl. 45% Px. 5% Ox and trace sulphides.
CRLK-BC-300	560.42	670.25	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	MediumCoarse		Grey med crs grained weakly chloritized Gabbro and nitermixed pegmatitic gabbro w/ 50% Pl. 45% Px. 5% Ox and trace sulphides. Unit contains decimeter scale sections of very crs pegmatitic gabbro.
CRLK-BC-300	670.25	683.06	Dan Foley	10-Dec-13	NotLogged	NotLogged				Core missing.
CRLK-BC-300	683.06	700.13	Dan Foley	10-Dec-13	Gabbro	GAB	Grey	ineMediumCoarse		Grey fine to crs grained weakly chloritized Chilled basal gabbro w/ 60% Pl. 34% Px. 5% Ox and 1% crs sulphide. Unit is the hetergenious base of the intrusion. Grain size varies dramatically. Plag often displays a stellate texture.
CRLK-BC-300	700.13	706.22	Dan Foley	10-Dec-13	Granofels	SED	Grey	Fine	PartiallyMelted	Grey fine grained partially melted granofelsed greywacke. 5-10% partial melt.
CRLK-BC-401	5.18	6.48	Brian Goldner	10-Jun-13	Gabbro	GAB	Black	Medium		kspar (15%) rich gabbro with pyroxene (30%), plag (40%), 10% olivine, 5% biotite and trace magnetite.
CRLK-BC-401	6.48	6.57	Brian Goldner	10-Jun-13	MetaSediment	SED	Grey	Fine		Small sediment clast with chilled margins from the surrounding intrusion.
CRLK-BC-401	6.57	14.05	Brian Goldner	10-Jun-13	Gabbro	GAB	Grey	Medium		Similar to above gabbro with kspar decreasing with depth and patchy feldspar increasing with depth. Pyrrhotite at 2% and increasing with depth.
CRLK-BC-401	14.05	289.56	Brian Goldner	10-Jun-13	Gabbro	GAB	Grey	Coarse		Anorthasitic gabbro decreasing in size and plag abundance with depth. Logged by use of skeleton core. Trace sulfide.
CRLK-BC-401	369.6	406	Brian Goldner	10-Jun-13	Gabbro	GAB	Grey	VeryCoarse		Gabbro with 30% plag, 30% pyroxene, 30% chlorite and 10% hypersthene.

CRLK-BC-401	413.82	416.97	Brian Goldner	10-Jun-13	Gabbro	GAB	Grey	Pegmatitic		Pegmatitic gabbro with subhedral plagioclase, large pyroxenes, chlorite, pentlandite, chalcopyrite, pyrrhotite. Mineralization is cm in size and grains are fractionated.
CRLK-BC-401	416.97	427.35	Brian Goldner	10-Jun-13	Gabbro	GAB	Grey	VeryCoarse		Grain size decreases downhole (transition), decreases from the pegmatitic gabbro to a more medium grained gabbro. Same as above.
CRLK-BC-401	427.35	488.8	Brian Goldner	10-Jun-13	Gabbro	GAB	Grey	Medium		Medium to coarse grained gabbro(some intervals of pegmatitic gabbro). grain size decreasing, in general, downhole to chill margin/top of sediments.
CRLK-BC-401	488.8	495.6	Brian Goldner	10-Jun-13	MetaSediment	SED	Grey	Fine		Massive, fine grained re-crystallized metasediments that display very trace mineralization, no bedding planes evident. Core is pretty competent and breaks sharply.
CRLK-BC-403	237	348	Brian Goldner	6-Jun-13	Gabbro	GAB	Grey	Coarse		CG Gabbro with 50% pyroxene 35% plag and 15% olivine(?). Pyroxene is found as interstitial anhedral grains 3-9mm. Plagioclase is found as discrete crystals from sub hedral to euhedral and range in size from 3-10mm with a milky white appearance. Olivine is moderately weathered and is composed of 2-5mm grains. Unit also contains 2-3% magnetite and 0.1% Py and Cpy increasing to 4% near the end of this unit.
CRLK-BC-403	348	354.75	Brian Goldner	6-Jun-13	Gabbro	GAB	Grey	Medium		finer grained gabbro than previous with increased sulfide and 5% patchy kspar up to 20% in some intervals. Unit also has increased plag up to 50%. Possible chill.
CRLK-BC-403	354.75	355.5	Brian Goldner	6-Jun-13	Sediment	SED	Grey	VeryFine		Grey metasediment with minor kspar along banding. Hornfelsed.
CRLK-TB-14	0	2.74	Scott McFadden	2-Feb-68	Overburden	OB				casing
CRLK-TB-14	2.74	784.56	Scott McFadden	2-Feb-68	Gabbro	GAB				med grained anorthositic Gabbro with moderate to severe chlorite/serpentinite alteration
CRLK-TB-14	784.56	816.86	Scott McFadden	2-Feb-68	Gabbro	GAB				med grained anorthositic Gabbro with sparse scattered sulfides
CRLK-TB-14	816.86	832.41	Scott McFadden	2-Feb-68	Gabbro	GAB				med grained anorthositic Gabbro with sparse to fair patchy sulfides. Several chrome bands
CRLK-TB-14	832.41	870.2	Scott McFadden	2-Feb-68	Gabbro	GAB				med grained anorthositic Gabbro with fair to good patchy sulfides.

CRLK-TB-14	870.2	911.96	Scott McFadden	2-Feb-68	Gabbro	GAB				fine to coarse grained anorthositic Gabbro with sparse sulfides
CRLK-TB-14	911.96	915.01	Scott McFadden	2-Feb-68	Gabbro	GAB				coarse grained anorthositic Gabbro. Good disseminated sulfides
CRLK-TB-14	915.01	915.92	Scott McFadden	2-Feb-68	Chromitite	CHROM				coarse grained anorthositic Gabbro. Chrome zone
CRLK-TB-14	915.92	970.48	Scott McFadden	2-Feb-68	Gabbro	GAB				coarse grained anorthositic Gabbro. Fair to Good disseminated sulfides
CRLK-TB-14	970.48	979.02	Scott McFadden	2-Feb-68	Gabbro	GAB				fine to coarse grained anorthositic Gabbro with sparse sulfides
CRLK-TB-14	979.02	1018.95	Scott McFadden	2-Feb-68	Gabbro	GAB				coarse grained anorthositic Gabbro. Fair to Good scattered sulfides
CRLK-TB-14	1018.95	1035.1	Scott McFadden	2-Feb-68	Gabbro	GAB				fine to coarse grained anorthositic Gabbro with sparse sulfides
CRLK-TB-14	1035.1	1072.29	Scott McFadden	2-Feb-68	Gabbro	GAB				coarse grained anorthositic Gabbro. Fair disseminated sulfides
CRLK-TB-14	1072.29	1117.7	Scott McFadden	2-Feb-68	Gabbro	GAB				fine to coarse grained anorthositic Gabbro with sparse sulfides
CRLK-TB-14	1117.7	1141.78	Scott McFadden	2-Feb-68	Gabbro	GAB				fine to coarse grained anorthositic Gabbro with fair to good Cp, Po, and Pn
CRLK-TB-14	1141.78	1158.85	Scott McFadden	2-Feb-68	Gneiss	Gneiss				grey Gneiss
CRLK-TB-17	0	0.91	Scott McFadden	3-Sep-69	Overburden	OB				Overburden
CRLK-TB-17	0.91	5.79	Scott McFadden	3-Sep-69	Overburden	OB				CASING
CRLK-TB-17	5.79	191.6	Scott McFadden	3-Sep-69	Gabbro	GAB	Black			med to coarse grained anorthositic Gabbro

CRLK-TB-17	191.6	204.06	Arron Jergenson	3-Sep-69	Gabbro	GAB	Grey	Coarse		Coarse grained gabbro that is grey in color with pyx, minor k-spar, fine grained groundmass. Very trace sulphides.
CRLK-TB-17	204.06	209.13	Arron Jergenson	16-Dec-13	Gabbro	GAB	White	VeryCoarse	Calcareous	Very Calc rich interval altered Gab. with a 10 cm vein of calcite/syenite. K-Spar rich up to 2-3 cm crystals.
CRLK-TB-17	209.13	225.86	Arron Jergenson	16-Dec-13	Gabbro	GAB	Grey	Coarse		Grey to light grey gabbro with Pyx, biotite (secondary), plagioclase, and k-spar (Chlorite?), very trace sulphides.
CRLK-TB-17	225.86	227.36	Arron Jergenson	16-Dec-13	CarbonateVein	Carbonate Facies	White	VeryFine		Calcite/syenite vein. Very reactive to HCl.
CRLK-TB-17	227.36	251.32	Arron Jergenson	16-Dec-13	Gabbro	GAB	White	Coarse		Very Calc rich interval altered Gab. with a 10 cm vein of calcite/syenite. K-Spar rich up to 2-3 cm crystals.
CRLK-TB-17	251.32	292.76	Arron Jergenson	16-Dec-13	Gabbro	GAB	Grey	Coarse		Grey to light grey gabbro with Pyx, biotite (secondary), plagioclase, and k-spar (Chlorite?), sulphides present as pyrhotite, marcasite(?), and chalcopyrte.
CRLK-TB-17	292.76	322.04	Arron Jergenson	16-Dec-13	Sediment	SED	Black	FineSand		Black fine grained seds (they called this a fine grained diabase in the log).
CRLK-TB-17	322.04	353.26	Arron Jergenson	16-Dec-13	Sediment	SED	Pink	Fine		Fine grained hematite stained seds.
CRLK-TB-19	0	5.49	Scott McFadden	5-Nov-69	Overburden	OB				casing
CRLK-TB-19	5.49	24.99	Scott McFadden	5-Nov-69	Gabbro	GAB				coarse grained anorthositic Gabbro
CRLK-TB-19	24.99	534.16	Scott McFadden	5-Nov-69	Gabbro	GAB				medium grained anorthositic Gabbro with moderate chlorite/serpentine alteration. No mineralization
CRLK-TB-19	534.16	543.92	Scott McFadden	5-Nov-69	Gabbro	GAB				medium grained anorthositic Gabbro with sparse scattered sulfides, beginning of Chromite zone
CRLK-TB-19	543.92	550.77	Scott McFadden	5-Nov-69	Gabbro	GAB				medium grained anorthositic Gabbro with fair disseminated sulfides, Chromite zone ending at 1804
CRLK-TB-19	550.77	559.92	Scott McFadden	5-Nov-69	Gabbro	GAB				medium grained anorthositic Gabbro with sparse scattered sulfides,
CRLK-TB-19	559.92	571.8	Scott McFadden	5-Nov-69	Gabbro	GAB				fine grained anorthositic Gabbro with sparse disseminated sulfides
CRLK-TB-19	571.8	594.66	Scott McFadden	5-Nov-69	Gabbro	GAB				coarse grained anorthositic Gabbro with sparse diusseminated sulfides

CRLK-TB-19	594.66	601.98	Scott McFadden	5-Nov-69	Gabbro	GAB					coarse grained anorthositic Gabbro
CRLK-TB-19	601.98	679.09	Scott McFadden	5-Nov-69	Gabbro	GAB					medium grained anorthositic Gabbro with moderate chlorite/serpentine alteration. No mineralization
CRLK-TB-19	679.09	688.85	Scott McFadden	5-Nov-69	Gabbro	GAB					medium to coarse grained anorthositic Gabbro
CRLK-TB-19	688.85	705.31	Scott McFadden	5-Nov-69	Gabbro	GAB					medium to coarse grained anorthositic Gabbro with fair to good disseminate/blebby Cp,Po and Pn
CRLK-TB-19	705.31	709.88	Scott McFadden	5-Nov-69	Gabbro	GAB					medium to coarse grained anorthositic Gabbro
CRLK-TB-19	709.88	733.35	Scott McFadden	5-Nov-69	Gabbro	GAB					medium to coarse grained anorthositic Gabbro with fair to good disseminated Cp,Po and Pn
CRLK-TB-19	733.35	742.95	Scott McFadden	5-Nov-69	Granofels	GRA	Grey	Fine	PartiallyMelted		Fine grained anorthositic Gabbro as chilled marging (originally logged as gabbro/GAB. changed to granofels metaseds RR 12 8 13). intently meta seds. 1-3mm porphyroblasts poss. andalusite.
CRLK-TB-19	742.95	788.52	Scott McFadden	5-Nov-69	MetaSediment	SED	Grey	Fine			Argillites/slate. partial melt pockets and whisps in the upper 2m (RR 12 8 13)
CRLK-TB-20W2	769.32	795.83	Scott McFadden	5-Nov-69	Gabbro	GAB					Med to coarse grained anorthositic Gabbro with moderate serpentinization. Well developed biotite from 2596-2602.
CRLK-TB-20W2	795.83	801.32	Scott McFadden	5-Nov-69	Gabbro	GAB					Med grained anorthositic Gabbro with moderate serpentinization. Chromite zone from 2618-2629 fair to good disseminated and blebby Cp,Po and Pn.
CRLK-TB-20W2	801.32	810.46	Scott McFadden	5-Nov-69	Gabbro	GAB					Med grained anorthositic Gabbro with moderate serpentinization. Sparse to fair disseminated Cp,Po and Pn.
CRLK-TB-20W2	810.46	810.77	Scott McFadden	5-Nov-69	semiMassiveSulphid	SMSU					50% massive sulfides low Cp
CRLK-TB-20W2	810.77	820.22	Scott McFadden	5-Nov-69	Gabbro	GAB					Med grained anorthositic Gabbro with minor Syenite intrusions, Fair to good disseminated/blebby Cp,Po,Pn

CRLK-TB-20W2	820.22	820.98	Scott McFadden	5-Nov-69	semiMassiveSulphid	SMSU				banded massive sulfides. Logs unclear of how many. Listed as 1" at 2691, and 2692 to 2693.5 as 1/2" bands (no quantity given) all low in Cp
CRLK-TB-20W2	820.98	828.45	Scott McFadden	5-Nov-69	Gabbro	GAB				FG anorthositic Gabbro with banded hornfels. Sparse disseminated sulfides
CRLK-TB-20W2	828.45	832.1	Scott McFadden	5-Nov-69	Gabbro	GAB				FG chilled anorthositic Gabbro with banded hornfels. Good Cp,Po,Pn. Syenite intrusions from 1/2" to 2".
CRLK-TB-20W2	832.1	834.69	Scott McFadden	5-Nov-69	MassiveSulphide	MSU				90% massive sulfide.
CRLK-TB-20W2	834.69	844.6	Scott McFadden	5-Nov-69	Gabbro	GAB				FG anorthositic Gabbro with 25% hornfels.
CRLK-TB-20W2	844.6	854.05	Scott McFadden	5-Nov-69	Diabase	MI				fine grained Diabase with sparse sulfides. From 2775 to 2782 tiny stringers of Py and Po noted. Possible chill margin noted at 2794
CRLK-TB-20W2	854.05	871.12	Scott McFadden	5-Nov-69	Sediment	SED				Slates and Argillites
CRLK-TB-20W2	871.12	875.08	Scott McFadden	5-Nov-69	IronFormation	IronFormation	Green			Gunflint Iron formation.
CRLK-TB-20W2	875.08	878.13	Scott McFadden	5-Nov-69	Diabase	MI				fine grained Diabase with 2" chill margins at contacts.
CRLK-TB-20W2	878.13	885.9	Scott McFadden	5-Nov-69	IronFormation	IronFormation	Green			Gunflint Iron formation.
CRLK-TB-20W2	885.9	887.58	Scott McFadden	5-Nov-69	Diabase	MI				fine grained Diabase with 2" chill margins..
CRLK-TB-20W2	887.58	914.4	Scott McFadden	5-Nov-69	IronFormation	IronFormation	Green			Gunflint Iron formation with narrow quartz beds/ magnetite banding from 2973 to 3000.

Appendix B – Assays and Intervals

SAMPLEID	HOLEID	FROM (m)	TO (m)	CU_PCT	NI_PCT	CO_PCT	AU_PPM	PT_PPM	PD_PPM	S_PCT
40096051	14CL0001	0	3	0.0112	0.03	0.006	0.004	0.0047	0.007	0.04
40096052	14CL0001	3	6	0.0115	0.0289	0.0058	0.003	0.0049	0.007	0.04
40096053	14CL0001	6	9	0.0118	0.0329	0.0065	0.003	0.0048	0.007	0.05
40096054	14CL0001	9	12	0.0114	0.0302	0.0059	0.003	0.0043	0.006	0.04
40096055	14CL0001	12	15	0.0109	0.0342	0.0063	0.002	0.0043	0.007	0.04
40096056	14CL0001	15	18	0.0111	0.0313	0.006	0.003	0.0045	0.007	0.04
40096057	14CL0001	18	21	0.0108	0.0334	0.0064	0.003	0.0048	0.008	0.04
40096058	14CL0001	21	24	0.0117	0.0277	0.0055	0.003	0.0044	0.007	0.04
40096059	14CL0001	24	27	0.0116	0.0349	0.0064	0.003	0.0044	0.007	0.04
40096061	14CL0001	27	30	0.011	0.0324	0.0062	0.003	0.0047	0.007	0.04
40096062	14CL0001	30	33	0.0112	0.0267	0.0053	0.003	0.0046	0.007	0.04
40096063	14CL0001	33	36	0.0118	0.0358	0.0066	0.002	0.004	0.007	0.04
40096064	14CL0001	36	39	0.0094	0.0396	0.0068	0.003	0.0061	0.011	0.04
40096065	14CL0001	39	42	0.0106	0.0314	0.006	0.003	0.0044	0.008	0.04
40096066	14CL0001	42	45	0.0116	0.0371	0.0068	0.003	0.0041	0.007	0.03
40096067	14CL0001	45	48	0.0116	0.0458	0.0077	0.002	0.0039	0.007	0.03
40096068	14CL0001	48	51	0.0106	0.039	0.0069	0.002	0.0041	0.007	0.03
40096069	14CL0001	51	54	0.0112	0.0367	0.0066	0.003	0.0048	0.008	0.04
40096071	14CL0001	54	57	0.0102	0.0285	0.0055	0.003	0.0044	0.007	0.03
40096072	14CL0001	57	60	0.0115	0.0338	0.0062	0.003	0.0045	0.007	0.04
40096073	14CL0001	60	63	0.0113	0.041	0.0071	0.003	0.0044	0.007	0.04
40096074	14CL0001	63	66	0.0111	0.042	0.0071	0.003	0.0042	0.007	0.04
40096075	14CL0001	66	69	0.0102	0.0303	0.0056	0.003	0.0044	0.007	0.03
40096076	14CL0001	69	72	0.0109	0.0307	0.0057	0.003	0.0042	0.007	0.03
40096077	14CL0001	72	75	0.0103	0.0283	0.0053	0.002	0.004	0.007	0.04
40096078	14CL0001	75	78	0.0104	0.0292	0.0055	0.002	0.0041	0.007	0.03
40096079	14CL0001	78	81	0.0109	0.0375	0.0067	0.003	0.0042	0.007	0.04
40096081	14CL0001	81	84	0.009	0.0344	0.0061	0.002	0.0042	0.007	0.05
40096082	14CL0001	84	87	0.0097	0.0368	0.0063	0.002	0.0042	0.007	0.03
40096083	14CL0001	87	90	0.0112	0.0332	0.0061	0.002	0.0039	0.006	0.04
40096084	14CL0001	90	93	0.011	0.0372	0.0064	0.003	0.0047	0.007	0.03
40096085	14CL0001	93	96	0.0105	0.0377	0.0062	0.002	0.0041	0.006	0.04
40096086	14CL0001	96	99	0.012	0.0298	0.0057	0.002	0.0042	0.007	0.06
40096087	14CL0001	99	102	0.0101	0.0365	0.0063	0.002	0.0046	0.008	0.04
40096088	14CL0001	102	105	0.0098	0.0342	0.0059	0.002	0.0041	0.007	0.05
40096089	14CL0001	105	108	0.0101	0.0338	0.0058	0.002	0.0042	0.007	0.05
40096091	14CL0001	108	111	0.01	0.0309	0.0057	0.004	0.0043	0.007	0.05
40096092	14CL0001	111	114	0.0103	0.0325	0.0057	0.002	0.0043	0.007	0.05
40096093	14CL0001	114	117	0.0098	0.0313	0.0056	0.003	0.0042	0.007	0.04
40096094	14CL0001	117	120	0.0103	0.0322	0.0058	0.002	0.0043	0.007	0.04
40096095	14CL0001	120	123	0.0107	0.0361	0.0061	0.002	0.0045	0.008	0.05
40096096	14CL0001	123	126	0.0098	0.0338	0.0059	0.002	0.0045	0.007	0.05
40096097	14CL0001	126	129	0.0106	0.0365	0.006	0.002	0.0043	0.007	0.05
40096098	14CL0001	129	132	0.0094	0.0366	0.0061	0.002	0.0037	0.007	0.04
40096099	14CL0001	132	135	0.0097	0.0375	0.006	0.002	0.004	0.007	0.05
40096701	14CL0001	135	138	0.0086	0.0344	0.0057	0.002	0.0042	0.007	0.04

40096702	14CL0001	138	141	0.0099	0.0351	0.0058	0.003	0.0041	0.007	0.05
40096703	14CL0001	141	144	0.0102	0.0344	0.0058	0.002	0.0042	0.007	0.04
40096704	14CL0001	144	147	0.0097	0.0369	0.0059	0.002	0.0039	0.007	0.05
40096705	14CL0001	147	150	0.0095	0.0369	0.0059	0.002	0.0038	0.007	0.04
40096706	14CL0001	150	153	0.0095	0.0391	0.0064	0.002	0.0042	0.008	0.04
40096707	14CL0001	153	156	0.0097	0.0401	0.0063	0.002	0.0041	0.008	0.04
40096708	14CL0001	156	159	0.0102	0.0411	0.0065	0.002	0.0039	0.008	0.04
40096709	14CL0001	159	162	0.01	0.0427	0.0066	0.003	0.0042	0.007	0.05
40096711	14CL0001	162	165	0.0099	0.0398	0.0062	0.002	0.0043	0.007	0.05
40096712	14CL0001	165	168	0.0097	0.0437	0.0068	0.002	0.0041	0.008	0.05
40096713	14CL0001	168	171	0.0094	0.0375	0.0059	0.002	0.0036	0.007	0.05
40096714	14CL0001	171	174	0.0091	0.0349	0.0054	0.002	0.0041	0.007	0.04
40096715	14CL0001	174	177	0.0086	0.0349	0.0056	0.002	0.0039	0.007	0.05
40096716	14CL0001	177	180	0.0094	0.0343	0.0055	0.002	0.0039	0.008	0.05
40096717	14CL0001	180	183	0.0097	0.0335	0.0055	0.003	0.0042	0.008	0.05
40096718	14CL0001	183	186	0.0093	0.0302	0.005	0.003	0.0038	0.008	0.04
40096719	14CL0001	186	189	0.0091	0.0314	0.005	0.002	0.0043	0.008	0.04
40096721	14CL0001	189	192	0.0098	0.0341	0.0052	0.002	0.004	0.008	0.04
40096722	14CL0001	192	195	0.0105	0.0319	0.0051	0.003	0.0045	0.008	0.04
40096723	14CL0001	195	198	0.0107	0.0348	0.0053	0.002	0.0043	0.009	0.04
40096724	14CL0001	198	201	0.0092	0.0382	0.0056	0.002	0.004	0.008	0.03
40096725	14CL0001	201	204	0.0089	0.0415	0.0057	0.0005	0.00025	0.0005	0.03
40096726	14CL0001	204	207	0.0095	0.0461	0.0063	0.003	0.0044	0.01	0.03
40096727	14CL0001	207	210	0.0095	0.04	0.0057	0.002	0.0038	0.008	0.03
40096728	14CL0001	210	213	0.0102	0.0402	0.0057	0.002	0.004	0.009	0.02
40096729	14CL0001	213	216	0.0107	0.0354	0.0055	0.002	0.0042	0.01	0.03
40096731	14CL0001	216	219	0.01	0.043	0.006	0.002	0.0041	0.009	0.03
40096732	14CL0001	219	222	0.0099	0.0392	0.0055	0.003	0.0045	0.01	0.03
40096733	14CL0001	222	225	0.0093	0.0372	0.0053	0.002	0.0044	0.01	0.03
40096734	14CL0001	225	228	0.0098	0.0409	0.0057	0.002	0.0043	0.01	0.03
40096735	14CL0001	228	231	0.009	0.0387	0.0055	0.002	0.0045	0.012	0.02
40096736	14CL0001	231	234	0.0098	0.0438	0.0061	0.002	0.0045	0.012	0.03
40096737	14CL0001	234	237	0.0092	0.044	0.006	0.002	0.0047	0.01	0.02
40096738	14CL0001	237	240	0.0103	0.0427	0.006	0.002	0.0045	0.01	0.02
40096739	14CL0001	240	243	0.0097	0.0442	0.0059	0.002	0.0046	0.009	0.02
40096741	14CL0001	243	246	0.0084	0.0471	0.006	0.002	0.0047	0.009	0.02
40096742	14CL0001	246	249	0.0075	0.043	0.0057	0.002	0.0044	0.01	0.01
40096743	14CL0001	249	252	0.01	0.0454	0.006	0.002	0.0043	0.008	0.03
40096744	14CL0001	252	255	0.0087	0.0362	0.005	0.002	0.0042	0.009	0.03
40096745	14CL0001	255	258	0.0086	0.0485	0.0064	0.002	0.0042	0.009	0.02
40096746	14CL0001	258	261	0.0081	0.0506	0.0063	0.002	0.0041	0.006	0.02
40096747	14CL0001	261	264	0.0093	0.0566	0.0068	0.002	0.0033	0.005	0.02
40096748	14CL0001	264	267	0.0086	0.0572	0.007	0.002	0.0039	0.006	0.02
40096749	14CL0001	267	270	0.0086	0.0491	0.0062	0.002	0.0036	0.005	0.02
40096751	14CL0001	270	273	0.0091	0.052	0.0066	0.002	0.0036	0.005	0.02
40096752	14CL0001	273	276	0.0092	0.0503	0.0063	0.002	0.0038	0.006	0.02
40096753	14CL0001	276	279	0.0096	0.0486	0.0061	0.002	0.0035	0.005	0.02

40096754	14CL0001	279	282	0.0092	0.054	0.0067	0.002	0.0035	0.006	0.01
40096755	14CL0001	282	285	0.0091	0.0472	0.006	0.002	0.0036	0.006	0.02
40096756	14CL0001	285	288	0.0093	0.0466	0.0059	0.002	0.0036	0.007	0.02
40096757	14CL0001	288	291	0.0082	0.0443	0.0056	0.002	0.0033	0.006	0.01
40096758	14CL0001	291	294	0.0081	0.0448	0.0057	0.004	0.0033	0.006	0.01
40096759	14CL0001	294	297	0.0084	0.0534	0.0064	0.002	0.0035	0.006	0.02
40096761	14CL0001	297	300	0.0089	0.053	0.0064	0.002	0.0037	0.007	0.01
40096762	14CL0001	300	303	0.0075	0.0477	0.0057	0.002	0.0036	0.007	0.02
40096763	14CL0001	303	306	0.0083	0.0557	0.0065	0.002	0.0043	0.007	0.02
40096764	14CL0001	306	309	0.0084	0.0688	0.0075	0.002	0.0046	0.007	0.02
40096765	14CL0001	309	312	0.0078	0.0581	0.0065	0.001	0.0034	0.007	0.02
40096766	14CL0001	312	315	0.0078	0.0649	0.0071	0.002	0.0036	0.008	0.02
40096767	14CL0001	315	318	0.0081	0.0709	0.0075	0.002	0.0039	0.009	0.01
40096768	14CL0001	318	321	0.0067	0.0674	0.0071	0.001	0.0035	0.008	0.03
40096769	14CL0001	321	324	0.0084	0.0774	0.0079	0.002	0.0041	0.009	0.02
40096771	14CL0001	324	327	0.0082	0.0873	0.0087	0.002	0.0039	0.008	0.02
40096772	14CL0001	327	330	0.008	0.0923	0.009	0.002	0.0042	0.008	0.02
40096773	14CL0001	330	333	0.0083	0.101	0.0096	0.002	0.0038	0.008	0.02
40096774	14CL0001	333	336	0.008	0.0767	0.0075	0.002	0.0038	0.009	0.02
40096775	14CL0001	336	339	0.0081	0.0666	0.0068	0.002	0.0041	0.01	0.03
40096776	14CL0001	339	342	0.0097	0.0791	0.0081	0.002	0.0052	0.01	0.03
40096777	14CL0001	342	345	0.0083	0.0698	0.0072	0.002	0.0044	0.009	0.02
40096778	14CL0001	345	348	0.009	0.0551	0.0061	0.002	0.0043	0.009	0.02
40096779	14CL0001	348	351	0.0089	0.0531	0.0059	0.002	0.0046	0.009	0.02
40096781	14CL0001	351	354	0.0096	0.0533	0.006	0.002	0.005	0.011	0.02
40096782	14CL0001	354	357	0.0105	0.0552	0.0062	0.002	0.0053	0.012	0.02
40096783	14CL0001	357	360	0.0101	0.0404	0.0051	0.002	0.0056	0.01	0.02
40096784	14CL0001	360	363	0.011	0.0279	0.0041	0.002	0.0054	0.01	0.02
40096785	14CL0001	363	366	0.0107	0.0303	0.0044	0.002	0.0059	0.012	0.03
40096786	14CL0001	366	369	0.0116	0.0239	0.0041	0.002	0.0059	0.011	0.03
40096787	14CL0001	369	372	0.014	0.0275	0.0047	0.003	0.0088	0.026	0.04
40096788	14CL0001	372	375	0.0132	0.0864	0.0093	0.014	0.0151	0.033	0.04
40096789	14CL0001	375	378	0.0136	0.0799	0.0085	0.004	0.0109	0.021	0.03
40096791	14CL0001	378	381	0.0131	0.0925	0.0093	0.006	0.0109	0.034	0.03
40096792	14CL0001	381	383.75	0.0179	0.0967	0.0096	0.009	0.0202	0.075	0.02
40096793	14CL0001	383.75	384.02	0.21	0.15	0.0102	0.12	0.19	1.05	0.29
40096794	14CL0001	384.02	385.5	0.0374	0.0629	0.0067	0.014	0.0325	0.177	0.07
40096795	14CL0001	385.5	387	0.0132	0.0443	0.0058	0.002	0.0033	0.005	0.03
40096796	14CL0001	387	388.5	0.0142	0.0294	0.0051	0.002	0.005	0.006	0.04
40096797	14CL0001	388.5	390	0.0152	0.0325	0.0046	0.002	0.0051	0.015	0.04
40096798	14CL0001	390	391.5	0.0133	0.0384	0.0054	0.002	0.008	0.028	0.03
40096799	14CL0001	391.5	393	0.0118	0.0433	0.0056	0.003	0.0068	0.022	0.02
40096801	14CL0001	393	394.5	0.0123	0.0375	0.0054	0.002	0.0033	0.005	0.06
40096802	14CL0001	394.5	396	0.011	0.0403	0.0056	0.005	0.0058	0.017	0.22
40096803	14CL0001	396	397.5	0.0125	0.0409	0.006	0.002	0.0063	0.011	0.05
40096804	14CL0001	397.5	399	0.0186	0.0526	0.0062	0.005	0.011	0.041	0.06
40096805	14CL0001	399	400.5	0.0341	0.0496	0.006	0.011	0.0272	0.134	0.09

40096806	14CL0001	400.5	402	0.0214	0.047	0.0062	0.005	0.0137	0.036	0.07
40096807	14CL0001	402	403.5	0.0665	0.0688	0.007	0.017	0.029	0.194	0.15
40096808	14CL0001	403.5	405	0.0672	0.0626	0.006	0.015	0.0631	0.167	0.14
40096809	14CL0001	405	406	0.0545	0.0538	0.0061	0.016	0.0289	0.109	0.13
40096811	14CL0001	406	407	0.0389	0.0703	0.0087	0.01	0.04	0.132	0.12
40096812	14CL0001	407	408.5	0.228	0.1825	0.0098	0.038	0.0623	0.219	0.74
40096813	14CL0001	408.5	410	0.112	0.0992	0.0087	0.02	0.0434	0.146	0.48
40096814	14CL0001	410	411.5	0.058	0.073	0.0075	0.008	0.0162	0.074	0.31
40096815	14CL0001	411.5	413	0.1915	0.1635	0.0103	0.041	0.0601	0.413	0.71
40096816	14CL0001	413	414.5	0.0409	0.0468	0.006	0.01	0.0146	0.137	0.13
40096817	14CL0001	414.5	416	0.078	0.0763	0.0066	0.022	0.0511	0.25	0.2
40096818	14CL0001	416	417.5	0.0231	0.0449	0.006	0.007	0.0142	0.065	0.11
40096819	14CL0001	417.5	419	0.0439	0.0619	0.0069	0.01	0.0218	0.119	0.14
40096821	14CL0001	419	420.5	0.0479	0.0642	0.0059	0.009	0.0159	0.091	0.12
40096822	14CL0001	420.5	422	0.1395	0.1135	0.0079	0.034	0.0766	0.415	0.35
40096823	14CL0001	422	423.5	0.1475	0.129	0.0099	0.027	0.0388	0.292	0.9
40096824	14CL0001	423.5	425	0.109	0.0966	0.0086	0.025	0.0522	0.3	0.88
40096825	14CL0001	425	426.5	0.2	0.156	0.0131	0.033	0.0681	0.342	1.9
40096826	14CL0001	426.5	428	0.1065	0.0979	0.0099	0.017	0.0331	0.193	0.8
40096827	14CL0001	428	429.5	0.106	0.0916	0.008	0.031	0.0626	0.347	0.73
40096828	14CL0001	429.5	431	0.214	0.154	0.0107	0.066	0.161	0.748	1.36
40096829	14CL0001	431	432.5	0.394	0.234	0.0113	0.09	0.23	1.2	1.79
40096831	14CL0001	432.5	434	0.095	0.0735	0.0066	0.035	0.07	0.68	0.31
40096832	14CL0001	434	435.5	0.322	0.216	0.0082	0.08	0.35	1.1	0.71
40096833	14CL0001	435.5	437	0.3	0.1855	0.0091	0.06	0.114	0.626	0.77
40096834	14CL0001	437	438.5	0.32	0.188	0.01	0.07	0.233	0.771	1.15
40096835	14CL0001	438.5	440	0.216	0.1375	0.0074	0.056	0.111	0.715	0.57
40096836	14CL0001	440	441	0.212	0.1405	0.0067	0.049	0.0827	0.645	0.53
40096837	14CL0001	441	442.5	0.412	0.211	0.0089	0.09	0.17	1.07	1.08
40096838	14CL0001	442.5	444	0.328	0.171	0.0077	0.06	0.0808	0.572	0.71
40096839	14CL0001	444	445.5	0.983	0.367	0.0139	0.23	0.75	1.77	2.25
40096841	14CL0001	445.5	447	0.57	0.339	0.0127	0.13	0.09	1.35	1.85
40096842	14CL0001	447	448.5	0.364	0.19	0.0075	0.072	0.115	0.779	0.67
40096843	14CL0001	448.5	450	0.385	0.207	0.007	0.084	0.152	0.887	0.67
40096844	14CL0001	450	451.5	0.219	0.122	0.0071	0.046	0.0668	0.423	0.41
40096846	14CL0001	451.5	451.8	2.33	1.225	0.029	0.6	0.55	5.83	5.44
40096847	14CL0001	451.8	453	0.984	0.528	0.0159	0.19	1.39	2.16	2.37
40096848	14CL0001	453	454.5	0.696	0.336	0.0131	0.12	0.2	1.4	1.87
40096849	14CL0001	454.5	456	0.478	0.258	0.0108	0.097	0.17	0.964	1.18
40096851	14CL0001	456	457.5	0.618	0.386	0.0261	0.18	0.216	0.749	2.91
40096852	14CL0001	457.5	459	0.49	0.272	0.0172	0.113	0.179	0.883	2.14
40096853	14CL0001	459	460.5	0.429	0.268	0.02	0.088	0.177	0.661	2.44
40096854	14CL0001	460.5	462	0.6	0.354	0.0241	0.13	0.27	1.01	3.63
40096855	14CL0001	462	463.5	0.541	0.298	0.0191	0.111	0.227	0.931	2.51
40096856	14CL0001	463.5	465	0.519	0.27	0.014	0.11	0.14	1.09	1.71
40096857	14CL0001	465	466.5	0.946	0.544	0.022	0.2	0.44	1.89	3.14
40096858	14CL0001	466.5	468	0.354	0.188	0.0098	0.078	0.0825	0.646	0.79

40096859	14CL0001	468	469.5	0.931	0.507	0.0138	0.17	0.2	1.99	2.1
40096861	14CL0001	469.5	471	0.325	0.1595	0.0082	0.079	0.0875	0.659	0.54
40096862	14CL0001	471	472.5	0.752	0.34	0.0094	0.15	0.25	1.57	1.26
40096863	14CL0001	472.5	474	0.263	0.143	0.0064	0.061	0.107	0.694	0.51
40096864	14CL0001	474	475.5	0.247	0.116	0.0067	0.054	0.0326	0.449	0.49
40096865	14CL0001	475.5	477	0.496	0.318	0.0158	0.104	0.114	0.83	1.69
40096866	14CL0001	477	478.5	0.223	0.0986	0.0068	0.039	0.0825	0.39	0.47
40096867	14CL0001	478.5	480	0.218	0.1055	0.0071	0.037	0.0875	0.395	0.59
40096868	14CL0001	480	481.5	0.188	0.0879	0.0062	0.03	0.0331	0.338	0.37
40096869	14CL0001	481.5	483	0.234	0.1075	0.0065	0.048	0.0604	0.431	0.47
40096871	14CL0001	483	484.5	0.0961	0.0576	0.0058	0.019	0.0365	0.171	0.22
40096872	14CL0001	484.5	485.98	0.195	0.0715	0.0066	0.048	0.0861	0.35	0.41
40096873	14CL0001	485.98	486.14	0.696	0.888	0.094	0.06	0.0516	0.214	14.35
40096874	14CL0001	486.14	487.5	0.1995	0.0938	0.007	0.036	0.071	0.363	0.44
40096875	14CL0001	487.5	489	0.351	0.1485	0.0078	0.067	0.0992	0.593	0.74
40096876	14CL0001	489	490.5	0.386	0.159	0.0076	0.057	0.1465	0.553	0.69
40096877	14CL0001	490.5	492	0.325	0.14	0.0077	0.047	0.0924	0.495	0.66
40096878	14CL0001	492	493.5	0.1455	0.0777	0.0057	0.022	0.0326	0.237	0.28
40096879	14CL0001	493.5	495	0.258	0.116	0.0069	0.041	0.0764	0.398	0.53
40096881	14CL0001	495	496.5	0.627	0.324	0.013	0.09	0.1835	0.988	1.57
40096882	14CL0001	496.5	498	0.549	0.231	0.0104	0.066	0.143	0.738	1.26
40096883	14CL0001	498	499.5	0.525	0.187	0.0096	0.081	0.1245	0.822	0.94
40096884	14CL0001	499.5	501	0.23	0.0989	0.0083	0.031	0.0701	0.399	0.76
40096885	14CL0001	501	502.33	0.148	0.0679	0.0065	0.017	0.0406	0.182	0.3
40096886	14CL0001	502.33	502.53	5.6	1.55	0.041	0.81	0.82	5.44	7.55
40096887	14CL0001	502.53	503.62	0.151	0.0686	0.0057	0.026	0.0337	0.218	0.3
40096889	14CL0001	503.62	504.39	3.84	4.1	0.148	0.84	2.52	8.65	26.9
40096891	14CL0001	504.39	504.7	1.385	0.889	0.033	0.17	0.66	1.65	4.97
40096892	14CL0001	504.7	505.5	0.47	0.138	0.0087	0.067	0.0452	0.41	0.88
40096893	14CL0001	505.5	507	0.298	0.0994	0.0065	0.028	0.0848	0.368	0.46
40096894	14CL0001	507	508.5	0.527	0.208	0.0103	0.062	0.138	0.68	1.23
40096895	14CL0001	508.5	510	0.328	0.1275	0.0084	0.041	0.0868	0.402	0.92
40096896	14CL0001	510	511.5	0.1815	0.0767	0.0073	0.024	0.036	0.226	0.65
40096897	14CL0001	511.5	513.12	0.0791	0.0383	0.0057	0.01	0.0172	0.072	0.47
40096898	14CL0001	513.12	514.5	0.221	0.0536	0.0033	0.019	0.0265	0.158	0.91
40096899	14CL0001	514.5	516	0.138	0.0215	0.0025	0.01	0.0032	0.097	0.77
40096901	14CL0001	516	517.5	0.0106	0.0087	0.0024	0.002	0.0013	0.002	1.02
40096902	14CL0001	517.5	519	0.0089	0.0088	0.0024	0.003	0.0013	0.002	1.09
40096903	14CL0001	519	522	0.0111	0.0081	0.0022	0.002	0.0013	0.002	0.74
40096904	14CL0001	522	525	0.0189	0.0085	0.0026	0.001	0.0012	0.002	0.62
40096905	14CL0001	525	528	0.0089	0.0076	0.0021	0.001	0.0012	0.002	0.9
40096906	14CL0001	528	531	0.0058	0.0074	0.0019	0.001	0.0012	0.002	0.26
40096907	14CL0001	531	534	0.0085	0.0078	0.002	0.001	0.0015	0.002	0.58
40096908	14CL0001	534	537	0.0113	0.0089	0.0025	0.004	0.0022	0.005	1.94
40096909	14CL0001	537	540	0.0098	0.0094	0.0022	0.001	0.0014	0.002	1.42
40096911	14CL0001	540	543	0.0058	0.0064	0.0017	0.001	0.001	0.001	0.35
40096912	14CL0001	543	546	0.0036	0.0051	0.0013	0.001	0.0008	0.001	0.13

40096913	14CL0001	546	549	0.0071	0.0087	0.0022	0.001	0.0012	0.002	1.35
40096914	14CL0001	549	552	0.0057	0.0071	0.0019	0.001	0.0011	0.002	0.87
40096915	14CL0001	552	555	0.0039	0.0065	0.0016	0.001	0.0009	0.001	0.46
40096916	14CL0001	555	558	0.0056	0.0076	0.002	0.001	0.0012	0.002	1.07
40096917	14CL0001	558	561	0.0049	0.0074	0.0018	0.001	0.0016	0.002	0.5
40096918	14CL0001	561	564	0.0084	0.0096	0.0025	0.003	0.0015	0.002	1.82
40096919	14CL0001	564	567	0.0019	0.0042	0.0011	0.001	0.0007	0.001	0.08
40096921	14CL0001	567	570	0.0064	0.0082	0.0019	0.002	0.0012	0.002	0.79
40096922	14CL0001	570	573	0.008	0.0084	0.002	0.001	0.0013	0.002	1.27
40096923	14CL0001	573	576	0.0042	0.0058	0.0015	0.001	0.0009	0.001	0.59
40096924	14CL0001	576	579	0.0083	0.0099	0.0023	0.001	0.0013	0.002	1.4
40096925	14CL0001	579	582	0.0055	0.008	0.0022	0.001	0.0012	0.002	0.98
40096926	14CL0001	582	585	0.0063	0.0086	0.0021	0.001	0.0012	0.002	1.33
40096927	14CL0001	585	588	0.007	0.0089	0.0022	0.001	0.0014	0.002	1.24
40096928	14CL0001	588	591	0.0066	0.0086	0.0023	0.001	0.0011	0.002	0.45
40096929	14CL0001	591	594	0.0073	0.0096	0.0025	0.001	0.0013	0.002	0.64
40096931	14CL0001	594	597	0.0074	0.0098	0.0025	0.001	0.0012	0.002	0.82
40096932	14CL0001	597	600	0.0056	0.008	0.0021	0.001	0.0011	0.002	0.7
40096933	14CL0001	600	603	0.0091	0.0097	0.0024	0.002	0.0014	0.002	1.54
40096934	14CL0001	603	606	0.0096	0.01	0.0025	0.001	0.0014	0.002	1.49
40096935	14CL0001	606	609	0.0093	0.0094	0.0024	0.002	0.0013	0.002	1.45
40096936	14CL0001	609	611.09	0.009	0.0091	0.0023	0.002	0.0014	0.002	1.62
40096937	14CL0001	611.09	614	0.0256	0.0076	0.0046	0.003	0.0023	0.01	0.21
40096938	14CL0001	614	617	0.0274	0.007	0.0049	0.004	0.0027	0.011	0.07
40096939	14CL0001	617	620.47	0.0265	0.0067	0.0049	0.004	0.0026	0.011	0.09
40096941	14CL0001	620.47	622.5	0.0329	0.0061	0.0047	0.003	0.0026	0.011	0.23
40096942	14CL0001	622.5	624.8	0.0255	0.0052	0.0039	0.001	0.0023	0.01	0.09
40096943	14CL0001	624.8	627	0.0287	0.0083	0.0051	0.004	0.0027	0.012	0.12
40096944	14CL0001	627	630	0.0261	0.0098	0.0055	0.004	0.0025	0.011	0.05
40096945	14CL0001	630	633	0.0279	0.0091	0.0053	0.004	0.0027	0.011	0.04
40096946	14CL0001	633	636	0.0269	0.0093	0.0054	0.003	0.0024	0.013	0.12
40096947	14CL0001	636	639	0.0296	0.0076	0.005	0.003	0.0027	0.012	0.23
40096948	14CL0001	639	642	0.0273	0.0074	0.0048	0.005	0.0026	0.011	0.08
40096949	14CL0001	642	644.35	0.0278	0.0088	0.0055	0.003	0.0031	0.011	0.34
40096951	14CL0001	644.35	644.75	0.0211	0.0125	0.0033	0.001	0.0022	0.004	0.51
40096952	14CL0001	644.75	648	0.0348	0.0192	0.0048	0.002	0.0066	0.013	1.91
40096953	14CL0001	648	651	0.0725	0.0404	0.0061	0.006	0.0156	0.058	1.83
40096954	14CL0001	651	654	0.0337	0.018	0.0038	0.004	0.0051	0.016	0.2
40096955	14CL0001	654	657	0.0199	0.0159	0.0051	0.003	0.0068	0.008	0.16
40096956	14CL0001	657	660	0.02	0.0154	0.0051	0.002	0.0077	0.011	0.22
40096957	14CL0001	660	663	0.004	0.0157	0.0042	0.0005	0.0087	0.012	0.1
40096958	14CL0001	663	666	0.0042	0.0097	0.0043	0.0005	0.0101	0.012	0.12
40096959	14CL0001	666	668	0.0117	0.0103	0.0052	0.0005	0.007	0.01	0.37
40096961	14CL0001	668	671	0.0055	0.0089	0.0042	0.001	0.0103	0.014	0.03
40096962	14CL0001	671	674	0.0126	0.007	0.0048	0.002	0.008	0.01	0.18
40096963	14CL0001	674	677	0.0259	0.0082	0.0084	0.001	0.0115	0.034	1.35
40096964	14CL0001	677	680.38	0.0282	0.009	0.0055	0.003	0.0082	0.014	0.53

40096965	14CL0001	680.38	683	0.0271	0.0102	0.0051	0.001	0.0067	0.008	0.27
40096966	14CL0001	683	686	0.0083	0.0041	0.0024	0.0005	0.0029	0.003	0.03
40096967	14CL0001	686	689	0.0183	0.0134	0.0053	0.001	0.0048	0.005	0.11
40096968	14CL0001	689	692	0.0204	0.0164	0.005	0.001	0.0058	0.007	0.19
40096969	14CL0001	692	695	0.0182	0.0132	0.0044	0.001	0.0072	0.008	0.12
40096971	14CL0001	695	698	0.0207	0.0135	0.0045	0.003	0.006	0.007	0.17
40096972	14CL0001	698	701	0.0164	0.0214	0.0051	0.002	0.0052	0.007	0.09
40096973	14CL0001	701	704	0.0225	0.0174	0.005	0.003	0.0064	0.008	0.12
40096974	14CL0001	704	707	0.023	0.0146	0.0047	0.003	0.0056	0.007	0.08
40096975	14CL0001	707	710	0.0253	0.0092	0.0042	0.003	0.0062	0.006	0.19
40096976	14CL0001	710	713	0.0247	0.0149	0.0047	0.003	0.0063	0.007	0.09
40096977	14CL0001	713	716	0.0266	0.0121	0.0048	0.003	0.0074	0.006	0.1
40096978	14CL0001	716	719	0.0249	0.012	0.0045	0.003	0.0073	0.008	0.09
40096979	14CL0001	719	722	0.0241	0.0104	0.0043	0.003	0.0053	0.006	0.2
40096981	14CL0001	722	725	0.0274	0.0096	0.0043	0.004	0.0073	0.009	0.09
40096982	14CL0001	725	728	0.0279	0.0091	0.0044	0.003	0.0059	0.007	0.33
40096983	14CL0001	728	731	0.027	0.0131	0.0046	0.003	0.0071	0.007	0.21
40096984	14CL0001	731	734	0.0259	0.0093	0.0047	0.003	0.0078	0.008	0.21
40096985	14CL0001	734	737	0.0234	0.0113	0.0046	0.003	0.0065	0.008	0.23
40096986	14CL0001	737	740	0.025	0.0102	0.0044	0.003	0.005	0.005	0.13
40096987	14CL0001	740	743	0.0262	0.0109	0.0048	0.003	0.0069	0.007	0.1
40096988	14CL0001	743	746	0.0236	0.0132	0.0047	0.003	0.008	0.009	0.07
40096989	14CL0001	746	749	0.0228	0.0126	0.0046	0.003	0.0068	0.008	0.08
40096991	14CL0001	749	750.18	0.023	0.0134	0.0048	0.003	0.0059	0.009	0.1
40096992	14CL0001	750.18	751.5	0.0512	0.022	0.0043	0.009	0.0205	0.103	0.11
40096993	14CL0001	751.5	753	0.0588	0.0306	0.0048	0.01	0.0167	0.111	0.16
40096994	14CL0001	753	754.64	0.181	0.0831	0.0069	0.021	0.0404	0.277	0.47
40096995	14CL0001	754.64	756	0.0649	0.0334	0.0048	0.009	0.0183	0.106	0.2
40096996	14CL0001	756	757.5	0.196	0.0783	0.0054	0.029	0.0606	0.313	0.41
40096997	14CL0001	757.5	759	0.268	0.12	0.0061	0.031	0.0568	0.339	0.48
40096998	14CL0001	759	760	0.0504	0.0365	0.0052	0.007	0.0181	0.083	0.14
40096999	14CL0001	760	761.26	0.109	0.0498	0.0055	0.013	0.0254	0.135	0.25
40097001	14CL0001	761.26	763	0.0613	0.041	0.0059	0.009	0.0171	0.076	0.19
40097002	14CL0001	763	764.49	0.219	0.0995	0.0101	0.023	0.0475	0.195	1.29
40097003	14CL0001	764.49	766	0.222	0.0804	0.006	0.025	0.125	0.281	0.45
40097004	14CL0001	766	767.37	0.201	0.0785	0.0071	0.02	0.0397	0.176	0.6
40097005	14CL0001	767.37	768.61	0.324	0.1245	0.0085	0.029	0.0551	0.298	1.02
40097006	14CL0001	768.61	770	0.134	0.0521	0.0055	0.015	0.0255	0.127	0.42
40097007	14CL0001	770	771.5	0.123	0.0604	0.0071	0.014	0.0354	0.118	0.81
40097008	14CL0001	771.5	772.4	0.103	0.0585	0.0055	0.013	0.0414	0.168	0.23
40097009	14CL0001	772.4	774	0.0772	0.04	0.0052	0.01	0.0207	0.082	0.23
40097011	14CL0001	774	775.27	0.291	0.1125	0.0095	0.023	0.0473	0.257	1.18
40097012	14CL0001	775.27	776.5	0.125	0.0537	0.0065	0.012	0.0195	0.109	0.49
40097013	14CL0001	776.5	778	0.1685	0.0822	0.0082	0.017	0.0409	0.165	0.76
40097014	14CL0001	778	779.5	0.0745	0.0478	0.0068	0.009	0.0206	0.097	0.35
40097015	14CL0001	779.5	781	0.316	0.129	0.011	0.028	0.0396	0.31	1.38
40097016	14CL0001	781	782.51	0.28	0.123	0.0101	0.035	0.0427	0.288	1.73

40097017	14CL0001	782.51	784	0.079	0.0364	0.0066	0.007	0.012	0.063	0.34
40097018	14CL0001	784	785.5	0.059	0.034	0.0062	0.011	0.0137	0.045	0.23
40097019	14CL0001	785.5	787	0.0176	0.0274	0.0053	0.003	0.0052	0.009	0.05
40097021	14CL0001	787	788.5	0.0158	0.0198	0.0044	0.004	0.0056	0.009	0.06
40097022	14CL0001	788.5	789.49	0.0361	0.0298	0.0053	0.009	0.0166	0.111	0.07
40097023	14CL0001	789.49	791	0.0434	0.0307	0.0058	0.005	0.0098	0.04	0.15
40097024	14CL0001	791	792.5	0.1635	0.0662	0.0068	0.017	0.0329	0.191	0.52
40097025	14CL0001	792.5	794	0.0402	0.0245	0.0053	0.006	0.0129	0.038	0.16
40097026	14CL0001	794	794.62	0.0237	0.017	0.0045	0.003	0.0072	0.04	0.1
40097027	14CL0001	794.62	796	0.118	0.0526	0.0063	0.014	0.0342	0.156	0.42
40097028	14CL0001	796	797.5	0.1605	0.0673	0.0078	0.017	0.0241	0.188	0.82
40097029	14CL0001	797.5	799	0.26	0.11	0.0114	0.024	0.0416	0.233	1.41
40097031	14CL0001	799	800.5	0.292	0.139	0.0133	0.027	0.131	0.251	1.82
40097032	14CL0001	800.5	802.38	0.0347	0.0201	0.0046	0.01	0.0109	0.03	0.1
40097033	14CL0001	802.38	803.5	0.0851	0.0375	0.005	0.012	0.0229	0.097	0.18
40097034	14CL0001	803.5	805	0.194	0.0717	0.0088	0.022	0.036	0.151	1.02
40097035	14CL0001	805	806.39	0.331	0.128	0.0139	0.037	0.065	0.269	2.26
40097036	14CL0001	806.39	808	0.0268	0.0167	0.0046	0.004	0.0087	0.02	0.08
40097037	14CL0001	808	809.5	0.0191	0.0143	0.0047	0.003	0.0073	0.01	0.08
40097038	14CL0001	809.5	811	0.0158	0.0164	0.0044	0.003	0.0066	0.01	0.04
40097039	14CL0001	811	812.5	0.0146	0.019	0.0049	0.002	0.0054	0.008	0.04
40097041	14CL0001	812.5	814	0.018	0.0151	0.0046	0.003	0.0102	0.02	0.07
40097042	14CL0001	814	815.5	0.0583	0.0258	0.0053	0.008	0.0131	0.039	0.44
40097043	14CL0001	815.5	817	0.014	0.0072	0.0031	0.002	0.0044	0.006	0.47
40097044	14CL0001	817	817.56	0.0084	0.0043	0.0026	0.01	0.0008	0.001	1.1
40097045	14CL0001	817.56	819	0.0041	0.0041	0.0008	0.001	0.0009	0.002	0.4
40097046	14CL0001	819	820.5	0.0101	0.0089	0.0014	0.0005	0.0022	0.004	0.28
40097047	14CL0001	820.5	822	0.0126	0.0104	0.0015	0.0005	0.0026	0.004	0.31
40097048	14CL0001	822	825	0.01	0.0084	0.0016	0.0005	0.002	0.004	0.09
40097049	14CL0001	825	828	0.0085	0.0079	0.0015	0.0005	0.0019	0.003	0.7
40097051	14CL0001	828	831	0.015	0.0088	0.0019	0.0005	0.0025	0.006	0.28
40097052	14CL0001	831	834	0.0236	0.008	0.004	0.001	0.0029	0.01	0.22
40097053	14CL0001	834	837	0.0126	0.009	0.0014	0.003	0.0028	0.005	0.52
40097054	14CL0001	837	840	0.016	0.0099	0.0015	0.007	0.0034	0.006	0.62
40097055	14CL0001	840	843	0.0139	0.0061	0.0013	0.004	0.0023	0.004	0.6
40097056	14CL0001	843	846	0.0144	0.0039	0.0008	0.002	0.003	0.005	0.4
40097057	14CL0001	846	849	0.0361	0.0053	0.0021	0.005	0.0038	0.009	0.76
40097058	14CL0001	849	852	0.0168	0.005	0.0019	0.003	0.0029	0.007	0.26
40097059	14CL0001	852	855	0.0108	0.003	0.0009	0.002	0.002	0.004	0.24
40097061	14CL0001	855	858	0.0225	0.0028	0.0015	0.006	0.0024	0.003	1.44
40097062	14CL0001	858	859.3	0.0022	0.0063	0.0013	0.001	0.0021	0.003	0.02
40097063	14CL0001	859.3	859.8	0.0046	0.0065	0.0009	0.006	0.0023	0.002	0.05
40097064	14CL0001	859.8	861	0.0117	0.0005	0.0004	0.006	0.00025	0.0005	1.59
40097065	14CL0001	861	864	0.0097	0.0004	0.0005	0.002	0.00025	0.0005	2.3
40097066	14CL0001	864	867	0.0079	0.0003	0.0006	0.002	0.00025	0.0005	2.25
40097067	14CL0001	867	870	0.008	0.007	0.002	0.001	0.0011	0.002	1.35
40097068	14CL0001	870	873	0.0037	0.0013	0.0009	0.002	0.00025	0.001	1.55

40097069	14CL0001	873	873.78	0.0042	0.0003	0.0007	0.001	0.00025	0.0005	2.95
40097101	14CL0002	1	3	0.012	0.0378	0.0064	0.002	0.0042	0.007	0.04
40097102	14CL0002	3	6	0.0113	0.0365	0.0061	0.002	0.0042	0.006	0.04
40097103	14CL0002	6	9	0.0107	0.0381	0.0064	0.001	0.0039	0.006	0.04
40097104	14CL0002	9	12	0.0103	0.0317	0.0055	0.001	0.004	0.007	0.03
40097105	14CL0002	12	15	0.0113	0.0341	0.0059	0.002	0.004	0.007	0.06
40097106	14CL0002	15	18	0.0101	0.0313	0.0054	0.001	0.0039	0.007	0.04
40097107	14CL0002	18	21	0.0102	0.0294	0.0052	0.002	0.0039	0.007	0.05
40097108	14CL0002	21	24	0.0115	0.0397	0.0064	0.001	0.0039	0.007	0.04
40097109	14CL0002	24	27	0.0103	0.0356	0.0059	0.002	0.0041	0.007	0.04
40097111	14CL0002	27	30	0.0108	0.0314	0.0053	0.002	0.004	0.007	0.03
40097112	14CL0002	30	33	0.0103	0.0323	0.0054	0.002	0.0043	0.008	0.03
40097113	14CL0002	33	36	0.0108	0.0335	0.0054	0.002	0.0039	0.007	0.02
40097114	14CL0002	36	39	0.0112	0.0344	0.0057	0.002	0.004	0.007	0.03
40097115	14CL0002	39	42	0.0097	0.0315	0.0053	0.001	0.0038	0.007	0.03
40097116	14CL0002	42	45	0.0106	0.0417	0.0065	0.001	0.0045	0.008	0.03
40097117	14CL0002	45	48	0.0101	0.0417	0.0065	0.001	0.0043	0.008	0.04
40097118	14CL0002	48	51	0.011	0.0443	0.0068	0.001	0.0047	0.008	0.02
40097119	14CL0002	51	54	0.0106	0.0362	0.0056	0.001	0.0037	0.007	0.03
40097121	14CL0002	54	57	0.0104	0.0349	0.0055	0.002	0.0048	0.008	0.02
40097122	14CL0002	57	60	0.0101	0.038	0.0058	0.001	0.0049	0.009	0.03
40097123	14CL0002	60	63	0.0102	0.0384	0.0059	0.002	0.0054	0.009	0.04
40097124	14CL0002	63	66	0.0101	0.0346	0.0054	0.002	0.0043	0.009	0.04
40097125	14CL0002	66	69	0.0101	0.0332	0.0053	0.002	0.0042	0.008	0.06
40097126	14CL0002	69	72	0.0101	0.0327	0.0053	0.002	0.0043	0.008	0.04
40097127	14CL0002	72	75	0.0103	0.0311	0.0049	0.002	0.0041	0.007	0.03
40097128	14CL0002	75	78	0.0101	0.0321	0.0051	0.002	0.0042	0.008	0.03
40097129	14CL0002	78	81	0.0107	0.0369	0.0056	0.002	0.0049	0.013	0.03
40097131	14CL0002	81	84	0.0106	0.0337	0.0053	0.002	0.0042	0.009	0.03
40097132	14CL0002	84	87	0.0102	0.0446	0.0066	0.002	0.0046	0.01	0.03
40097133	14CL0002	87	90	0.0095	0.0423	0.0061	0.001	0.0043	0.009	0.03
40097134	14CL0002	90	93	0.0097	0.0342	0.0053	0.002	0.0042	0.008	0.04
40097135	14CL0002	93	96	0.0094	0.0335	0.0052	0.001	0.0039	0.009	0.02
40097136	14CL0002	96	99	0.0107	0.04	0.006	0.002	0.0042	0.009	0.03
40097137	14CL0002	99	102	0.0103	0.0379	0.0059	0.0005	0.0044	0.01	0.02
40097138	14CL0002	102	105	0.0101	0.0358	0.0055	0.0005	0.0044	0.011	0.04
40097139	14CL0002	105	108	0.0107	0.0409	0.0062	0.003	0.0048	0.014	0.04
40097141	14CL0002	108	111	0.0113	0.0406	0.0059	0.002	0.0047	0.012	0.04
40097142	14CL0002	111	114	0.0108	0.0442	0.0061	0.002	0.0049	0.012	0.04
40097143	14CL0002	114	117	0.0099	0.0387	0.0055	0.002	0.0051	0.013	0.04
40097144	14CL0002	117	120	0.0104	0.0369	0.0054	0.002	0.005	0.013	0.04
40097145	14CL0002	120	123	0.0078	0.0478	0.0063	0.002	0.0038	0.012	0.06
40097146	14CL0002	123	126	0.0096	0.0375	0.0056	0.002	0.004	0.01	0.06
40097147	14CL0002	126	129	0.0109	0.0477	0.0063	0.003	0.0072	0.02	0.05
40097148	14CL0002	129	132	0.0111	0.0587	0.0071	0.003	0.0055	0.013	0.04
40097149	14CL0002	132	135	0.0112	0.058	0.007	0.003	0.0052	0.013	0.05
40097151	14CL0002	135	138	0.011	0.0667	0.0077	0.003	0.0048	0.011	0.04

40097152	14CL0002	138	141	0.0119	0.0748	0.0081	0.004	0.0048	0.018	0.05
40097153	14CL0002	141	144	0.0114	0.0636	0.0073	0.002	0.0035	0.01	0.03
40097154	14CL0002	144	147	0.0119	0.0646	0.0072	0.002	0.0028	0.006	0.05
40097155	14CL0002	147	150	0.0126	0.051	0.0063	0.002	0.002	0.005	0.05
40097156	14CL0002	150	153	0.0134	0.0501	0.0062	0.002	0.0023	0.005	0.05
40097157	14CL0002	153	156	0.0128	0.0631	0.0072	0.002	0.002	0.005	0.06
40097158	14CL0002	156	159	0.0114	0.0374	0.0049	0.003	0.0048	0.012	0.05
40097159	14CL0002	159	162	0.0132	0.029	0.0045	0.002	0.0014	0.004	0.07
40097161	14CL0002	162	165.2	0.013	0.0221	0.0043	0.004	0.0025	0.006	0.24
40097162	14CL0002	165.2	165.92	0.0237	0.0271	0.0059	0.004	0.0065	0.016	0.45
40097163	14CL0002	165.92	169	0.0332	0.0447	0.0059	0.006	0.0139	0.049	0.08
40097164	14CL0002	169	172	0.0117	0.0505	0.0067	0.002	0.0047	0.011	0.05
40097165	14CL0002	172	175	0.0122	0.0383	0.0058	0.003	0.0043	0.013	0.04
40097166	14CL0002	175	178	0.013	0.0365	0.0058	0.003	0.0062	0.012	0.05
40097167	14CL0002	178	181	0.0366	0.0734	0.0081	0.012	0.0213	0.144	0.1
40097168	14CL0002	181	184	0.0457	0.0669	0.007	0.012	0.0226	0.174	0.11
40097169	14CL0002	184	187	0.0802	0.0781	0.007	0.021	0.0515	0.24	0.17
40097171	14CL0002	187	189	0.0299	0.0381	0.0054	0.007	0.0116	0.067	0.1
40097172	14CL0002	189	191	0.0812	0.0867	0.0077	0.019	0.0329	0.237	0.18
40097173	14CL0002	191	192.5	0.268	0.152	0.0082	0.054	0.0816	0.614	0.63
40097174	14CL0002	192.5	194	0.29	0.1825	0.0082	0.068	0.1175	0.721	0.58
40097175	14CL0002	194	195.5	0.11	0.0949	0.0074	0.027	0.0521	0.284	0.3
40097176	14CL0002	195.5	197	0.137	0.114	0.0079	0.04	0.0699	0.41	0.3
40097177	14CL0002	197	198.5	0.319	0.236	0.0118	0.065	0.117	0.746	0.9
40097178	14CL0002	198.5	200	0.299	0.17	0.0084	0.065	0.1425	0.566	0.59
40097179	14CL0002	200	201.5	0.081	0.0768	0.0068	0.021	0.05	0.269	0.23
40097181	14CL0002	201.5	203	0.0586	0.0585	0.0062	0.023	0.0245	0.147	0.17
40097182	14CL0002	203	204.5	0.217	0.165	0.0098	0.051	0.0905	0.609	0.49
40097183	14CL0002	204.5	206	0.089	0.075	0.0067	0.022	0.0451	0.272	0.23
40097184	14CL0002	206	207.5	0.0661	0.0687	0.0071	0.018	0.0261	0.219	0.17
40097185	14CL0002	207.5	209	0.091	0.0694	0.006	0.027	0.0595	0.364	0.23
40097186	14CL0002	209	210.5	0.158	0.12	0.009	0.043	0.0805	0.526	0.41
40097187	14CL0002	210.5	212	0.0903	0.0722	0.0063	0.019	0.0272	0.167	0.29
40097188	14CL0002	212	213.5	0.0616	0.0515	0.0049	0.022	0.0673	0.262	0.14
40097189	14CL0002	213.5	215	0.129	0.0769	0.0051	0.046	0.276	0.62	0.26
40097191	14CL0002	215	216.5	0.487	0.254	0.0088	0.1	0.23	1.03	0.91
40097192	14CL0002	216.5	218	1.205	0.59	0.0144	0.38	0.45	2.82	2.39
40097193	14CL0002	218	219.5	0.501	0.282	0.0096	0.087	0.175	0.881	1.06
40097194	14CL0002	219.5	221	0.546	0.27	0.0091	0.14	0.14	1.45	0.99
40097195	14CL0002	221	222.5	0.061	0.0632	0.0054	0.01	0.0203	0.183	0.16
40097196	14CL0002	222.5	224	0.778	0.386	0.01	0.15	0.17	1.89	1.33
40097197	14CL0002	224	225.5	0.336	0.1855	0.007	0.065	0.0992	0.786	0.6
40097198	14CL0002	225.5	227	0.316	0.1595	0.0075	0.08	0.13	0.9	0.77
40097199	14CL0002	227	228.5	0.151	0.0897	0.008	0.043	0.0788	0.373	0.74
40097201	14CL0002	228.5	230	0.383	0.208	0.0074	0.1	0.21	1.04	0.69
40097202	14CL0002	230	231.5	0.281	0.1455	0.0063	0.059	0.0762	0.699	0.45
40097203	14CL0002	231.5	233	0.955	0.447	0.0097	0.18	0.19	2.11	1.29

40097204	14CL0002	233	234.5	0.811	0.374	0.0097	0.13	0.45	1.89	1.49
40097205	14CL0002	234.5	236	1.455	0.535	0.0118	0.34	1.8	2.85	2.48
40097206	14CL0002	236	237.5	0.164	0.0818	0.0052	0.056	0.112	0.618	0.32
40097207	14CL0002	237.5	239	0.299	0.143	0.0072	0.047	0.071	0.455	0.49
40097208	14CL0002	239	240.5	0.227	0.0969	0.0051	0.054	0.128	0.486	0.38
40097209	14CL0002	240.5	242	0.514	0.271	0.0122	0.11	0.14	1.1	1.87
40097211	14CL0002	242	243.5	0.277	0.203	0.0143	0.04	0.105	0.423	1.65
40097212	14CL0002	243.5	245	0.148	0.0876	0.0084	0.025	0.0637	0.239	0.54
40097213	14CL0002	245	245.5	1.265	0.549	0.0299	0.29	0.64	2.59	4.88
40097214	14CL0002	245.5	247	0.481	0.236	0.0145	0.091	0.235	0.765	1.65
40097216	14CL0002	247	247.5	1.05	0.958	0.0711	0.064	0.0757	0.767	12.6
40097218	14CL0002	247.5	249	0.172	0.1195	0.0115	0.032	0.0468	0.246	1.4
40097219	14CL0002	249	250.5	0.551	0.371	0.0327	0.085	0.146	0.641	5.13
40097221	14CL0002	250.5	252	0.22	0.0978	0.0077	0.067	0.0921	0.468	0.78
40097222	14CL0002	252	253.5	0.237	0.121	0.0067	0.043	0.0658	0.491	0.44
40097223	14CL0002	253.5	254.57	0.177	0.0649	0.0055	0.04	0.104	0.332	0.32
40097224	14CL0002	254.57	256	0.109	0.064	0.0055	0.027	0.0463	0.224	0.29
40097225	14CL0002	256	257.5	0.26	0.1125	0.0062	0.031	0.0754	0.376	0.59
40097226	14CL0002	257.5	259	0.392	0.1445	0.0065	0.066	0.0748	0.523	0.69
40097227	14CL0002	259	260.5	0.0982	0.0571	0.0058	0.015	0.0285	0.156	0.2
40097228	14CL0002	260.5	262	0.0772	0.0439	0.0053	0.016	0.0378	0.146	0.17
40097229	14CL0002	262	263.5	0.103	0.0548	0.0055	0.017	0.042	0.195	0.26
40097231	14CL0002	263.5	265	0.0207	0.025	0.0051	0.004	0.0139	0.025	0.1
40097232	14CL0002	265	266.5	0.0522	0.0342	0.0055	0.013	0.0333	0.125	0.14
40097233	14CL0002	266.5	268	0.0784	0.0486	0.0053	0.012	0.0188	0.141	0.27
40097234	14CL0002	268	269.5	0.1115	0.0642	0.0061	0.017	0.0395	0.173	0.29
40097235	14CL0002	269.5	271	0.268	0.1215	0.008	0.037	0.0597	0.349	0.69
40097236	14CL0002	271	272.5	0.198	0.0819	0.0066	0.029	0.0568	0.279	0.45
40097237	14CL0002	272.5	274	0.14	0.0744	0.0067	0.017	0.0536	0.2	0.34
40097238	14CL0002	274	275.5	0.212	0.089	0.0067	0.021	0.0375	0.286	0.39
40097239	14CL0002	275.5	277	0.214	0.0952	0.0073	0.027	0.0463	0.32	0.56
40097241	14CL0002	277	278.5	0.0929	0.0456	0.0054	0.012	0.0193	0.146	0.22
40097242	14CL0002	278.5	280	0.158	0.0669	0.0059	0.024	0.0411	0.21	0.29
40097243	14CL0002	280	281.5	0.0709	0.0401	0.0056	0.01	0.018	0.091	0.35
40097244	14CL0002	281.5	283	0.165	0.0703	0.0062	0.019	0.0318	0.214	0.36
40097245	14CL0002	283	284.5	0.344	0.148	0.0087	0.046	0.0627	0.488	0.81
40097246	14CL0002	284.5	286	0.552	0.235	0.0106	0.056	0.126	0.63	1.48
40097247	14CL0002	286	287.5	0.0992	0.0453	0.0059	0.013	0.0281	0.128	0.26
40097248	14CL0002	287.5	289	0.264	0.1145	0.0072	0.034	0.0632	0.359	0.64
40097249	14CL0002	289	290.5	0.0839	0.0406	0.0056	0.012	0.0262	0.15	0.23
40097251	14CL0002	290.5	292	0.207	0.0849	0.0067	0.028	0.0429	0.288	0.43
40097252	14CL0002	292	293.5	0.029	0.0225	0.0055	0.004	0.0084	0.02	0.09
40097253	14CL0002	293.5	295	0.042	0.0356	0.0051	0.008	0.0214	0.083	0.12
40097254	14CL0002	295	296.5	0.0808	0.0433	0.006	0.01	0.0141	0.067	0.14
40097255	14CL0002	296.5	298	0.0349	0.0266	0.0057	0.006	0.0112	0.035	0.06
40097256	14CL0002	298	299.5	0.0971	0.0307	0.0059	0.011	0.019	0.06	0.17
40097257	14CL0002	299.5	301	0.209	0.0526	0.0061	0.016	0.0168	0.101	0.29

40097258	14CL0002	301	302.5	0.121	0.0547	0.0059	0.018	0.0243	0.157	0.38
40097259	14CL0002	302.5	303.66	0.171	0.0633	0.0073	0.015	0.0206	0.127	0.4
40097261	14CL0002	303.66	304.16	0.245	0.0809	0.0099	0.023	0.0316	0.157	1.36
40097262	14CL0002	304.16	305.35	0.651	0.1065	0.0089	0.055	0.0761	0.345	1.09
40097263	14CL0002	305.35	307	0.0569	0.0163	0.0058	0.008	0.0075	0.038	0.18
40097264	14CL0002	307	309	0.0612	0.0157	0.0055	0.009	0.0082	0.055	0.08
40097265	14CL0002	309	312	0.0337	0.009	0.0053	0.005	0.0032	0.02	0.07
40097266	14CL0002	312	315	0.0765	0.0114	0.0053	0.007	0.0028	0.025	0.13
40097267	14CL0002	315	318	0.0288	0.0076	0.0054	0.004	0.0024	0.011	0.07
40097268	14CL0002	318	321	0.0263	0.0071	0.0054	0.004	0.0025	0.011	0.03
40097269	14CL0002	321	324	0.0265	0.0068	0.0051	0.005	0.0027	0.012	0.09
40097271	14CL0002	324	327	0.0259	0.007	0.0055	0.006	0.003	0.014	0.09
40097272	14CL0002	327	328.18	0.0253	0.0071	0.0053	0.006	0.0027	0.012	0.3
40097273	14CL0002	328.18	331	0.0042	0.0067	0.0017	0.002	0.0013	0.002	0.1
40097274	14CL0002	331	334	0.0032	0.0063	0.0016	0.001	0.0014	0.001	0.08
40097275	14CL0002	334	336.54	0.0081	0.0082	0.0022	0.002	0.0014	0.002	0.42
40097276	14CL0002	336.54	339	0.0104	0.0033	0.0025	0.003	0.002	0.005	0.08
40097277	14CL0002	339	342	0.0045	0.0003	0.0021	0.001	0.00025	0.001	0.1
40097278	14CL0002	342	345	0.0064	0.0004	0.0021	0.001	0.00025	0.0005	0.16
40097279	14CL0002	345	348	0.0093	0.0008	0.0025	0.001	0.0007	0.0005	0.34
40097281	14CL0002	348	351	0.0077	0.0005	0.0024	0.001	0.0008	0.0005	0.12
40097282	14CL0002	351	354	0.0153	0.0005	0.0029	0.001	0.0007	0.0005	0.08
40097283	14CL0002	354	357	0.0202	0.0014	0.0033	0.002	0.0014	0.0005	0.07
40097284	14CL0002	357	359.21	0.0297	0.0031	0.004	0.006	0.0054	0.0005	0.09
40097285	14CL0002	359.21	361	0.023	0.0026	0.0033	0.003	0.0034	0.004	0.07
40097286	14CL0002	361	363	0.0222	0.0029	0.0035	0.005	0.0038	0.004	0.07
40097287	14CL0002	363	366	0.0186	0.0025	0.003	0.003	0.0027	0.005	0.14
40097288	14CL0002	366	369	0.0186	0.0025	0.0029	0.002	0.0023	0.006	0.09
40097289	14CL0002	369	372	0.0187	0.0028	0.0031	0.003	0.0026	0.006	0.05
40097291	14CL0002	372	375	0.0181	0.0026	0.0028	0.002	0.0024	0.006	0.07
40097292	14CL0002	375	378	0.0192	0.0029	0.0031	0.003	0.0024	0.008	0.09
40097293	14CL0002	378	381	0.0205	0.003	0.0033	0.003	0.0026	0.008	0.08
40097294	14CL0002	381	384	0.0208	0.0038	0.0037	0.002	0.003	0.011	0.12
40097295	14CL0002	384	387	0.0194	0.0031	0.0036	0.002	0.0026	0.009	0.07
40097296	14CL0002	387	390.46	0.0222	0.0043	0.0037	0.003	0.0036	0.014	0.1
40097297	14CL0002	390.46	393	0.0046	0.0068	0.002	0.001	0.0013	0.002	0.1
40097298	14CL0002	393	396	0.0036	0.0063	0.0018	0.001	0.0011	0.001	0.04
40097299	14CL0002	396	399	0.0017	0.0055	0.0013	0.001	0.0011	0.001	0.01
40097301	14CL0002	399	402	0.0034	0.0064	0.0015	0.001	0.001	0.001	0.1
40097302	14CL0002	402	405	0.0051	0.0068	0.0018	0.003	0.0012	0.001	0.22
40097303	14CL0002	405	408	0.0035	0.0065	0.0017	0.001	0.0009	0.001	0.02
40097304	14CL0002	408	411	0.0028	0.0055	0.0016	0.001	0.0008	0.001	0.03
40097305	14CL0002	411	414	0.0045	0.0072	0.0019	0.004	0.0013	0.002	0.14
40097306	14CL0002	414	417	0.0051	0.0064	0.0018	0.002	0.0012	0.001	0.37
40097307	14CL0002	417	420	0.0048	0.0069	0.0018	0.002	0.0011	0.001	0.42
40097308	14CL0002	420	423	0.0041	0.0065	0.0016	0.001	0.001	0.001	0.26
40097309	14CL0002	423	426	0.0035	0.0059	0.0015	0.001	0.0009	0.001	0.18

40097311	14CL0002	426	429	0.004	0.0065	0.0019	0.002	0.001	0.001	0.33
40097312	14CL0002	429	432	0.0067	0.0083	0.0022	0.003	0.0012	0.002	0.62
40097313	14CL0002	432	435	0.0075	0.0085	0.0022	0.003	0.0013	0.002	0.92
40097314	14CL0002	435	437	0.0084	0.0093	0.0025	0.002	0.0014	0.002	1.38
40097315	14CL0002	437	438.73	0.0077	0.0087	0.0024	0.003	0.0014	0.002	1.2
40097316	14CL0002	438.73	441	0.0261	0.0038	0.0039	0.004	0.0034	0.008	0.09
40097317	14CL0002	441	444	0.0212	0.0027	0.0035	0.004	0.0029	0.005	0.06
40097318	14CL0002	444	447	0.0233	0.003	0.0035	0.004	0.003	0.007	0.05
40097319	14CL0002	447	450	0.0257	0.0029	0.0036	0.004	0.0033	0.008	0.05
40097321	14CL0002	450	453	0.0253	0.0031	0.0035	0.004	0.0032	0.006	0.04
40097322	14CL0002	453	456	0.0263	0.0037	0.0042	0.006	0.0036	0.008	0.07
40097323	14CL0002	456	459	0.0195	0.003	0.0036	0.007	0.0028	0.007	0.05
40097324	14CL0002	459	461	0.0279	0.0035	0.004	0.009	0.0033	0.008	0.14
40097325	14CL0002	461	462.84	0.029	0.0044	0.0042	0.005	0.0039	0.01	0.1
40097326	14CL0002	462.84	465	0.008	0.0091	0.0026	0.003	0.0014	0.002	1.26
40097327	14CL0002	465	468	0.0064	0.0083	0.0022	0.003	0.0012	0.002	1.02
40097328	14CL0002	468	469.17	0.0096	0.0106	0.0031	0.004	0.0024	0.003	0.62
40097329	14CL0002	469.17	472	0.0174	0.0173	0.0055	0.003	0.0058	0.007	0.17
40097331	14CL0002	472	475	0.0164	0.0182	0.0057	0.003	0.0053	0.006	0.12
40097332	14CL0002	475	478	0.0177	0.0178	0.0059	0.003	0.0055	0.006	0.17
40097333	14CL0002	478	481.18	0.0162	0.0164	0.0054	0.003	0.0049	0.006	0.27
40097334	14CL0002	481.18	483	0.002	0.0051	0.0014	0.002	0.0007	0.001	0.03
40097335	14CL0002	483	486	0.0035	0.0063	0.0017	0.001	0.0009	0.001	0.15
40097336	14CL0002	486	489	0.0093	0.0092	0.0026	0.004	0.0016	0.002	2.08
40097337	14CL0002	489	492	0.0088	0.0104	0.0026	0.003	0.0017	0.002	1.73
40097338	14CL0002	492	495	0.0076	0.0093	0.0025	0.003	0.0015	0.002	1.07
40097339	14CL0002	495	498	0.0037	0.0069	0.0018	0.002	0.0011	0.001	0.2
40097341	14CL0002	498	501	0.0117	0.011	0.0031	0.005	0.002	0.003	2.63
40097342	14CL0002	501	504	0.0027	0.0055	0.0014	0.001	0.0008	0.001	0.16
40097343	14CL0002	504	506	0.0036	0.007	0.0019	0.002	0.0011	0.001	0.59
40097344	14CL0002	506	507.73	0.0074	0.0092	0.0025	0.002	0.0013	0.002	1.26
40097345	14CL0002	507.73	509.56	0.0236	0.0073	0.0047	0.003	0.0026	0.009	0.48
40097346	14CL0002	509.56	511.34	0.0071	0.008	0.0021	0.001	0.0013	0.002	0.21
40097347	14CL0002	511.34	513.11	0.0059	0.0093	0.0025	0.003	0.0016	0.002	1.1
40097348	14CL0002	513.11	516	0.0288	0.0079	0.0056	0.004	0.0034	0.011	0.07
40097349	14CL0002	516	519	0.0288	0.0067	0.0054	0.004	0.0036	0.012	0.05
40097351	14CL0002	519	522	0.0255	0.0076	0.0055	0.004	0.0033	0.011	0.03
40097352	14CL0002	522	525	0.0266	0.0082	0.0055	0.004	0.0035	0.011	0.04
40097353	14CL0002	525	528	0.0265	0.0084	0.0055	0.004	0.0033	0.012	0.03
40097354	14CL0002	528	531	0.0279	0.0101	0.0056	0.004	0.0033	0.012	0.04
40097355	14CL0002	531	534	0.0269	0.0078	0.0055	0.004	0.0035	0.011	0.05
40097356	14CL0002	534	537	0.0264	0.0075	0.0054	0.003	0.0034	0.01	0.62
40097357	14CL0002	537	539	0.0276	0.008	0.0053	0.005	0.0031	0.011	0.05
40097358	14CL0002	539	540.9	0.0269	0.0077	0.0053	0.004	0.003	0.011	0.17
40097359	14CL0002	540.9	543	0.0075	0.0097	0.0024	0.003	0.0016	0.002	1.25
40097361	14CL0002	543	546	0.009	0.0101	0.0024	0.004	0.0027	0.002	1.54
40097362	14CL0002	546	549	0.0035	0.0058	0.0015	0.001	0.0014	0.001	0.31

40097363	14CL0002	549	552	0.0069	0.0089	0.0021	0.003	0.0027	0.002	1.06
40097364	14CL0002	552	555	0.0067	0.0087	0.0021	0.003	0.0025	0.002	0.99
40097365	14CL0002	555	558	0.0064	0.0083	0.0021	0.003	0.0025	0.002	1.02
40097366	14CL0002	558	561	0.0067	0.0089	0.0025	0.003	0.0027	0.002	1.83
40097367	14CL0002	561	564	0.0065	0.0088	0.0023	0.003	0.0019	0.002	1.09
40097368	14CL0002	564	565.5	0.0067	0.0087	0.0023	0.002	0.0019	0.002	0.92
40097369	14CL0002	565.5	568	0.0104	0.0096	0.0042	0.001	0.0019	0.002	0.29
40097371	14CL0002	568	571	0.0128	0.0087	0.0043	0.002	0.002	0.003	0.26
40097372	14CL0002	571	573.61	0.0255	0.0075	0.005	0.004	0.0032	0.011	0.14
40097373	14CL0002	573.61	576	0.0067	0.009	0.0021	0.002	0.0019	0.002	1.31
40097374	14CL0002	576	579	0.0053	0.0082	0.0021	0.002	0.0018	0.002	0.87
40097375	14CL0002	579	582	0.006	0.0082	0.0021	0.002	0.0018	0.002	0.88
40097376	14CL0002	582	585	0.0103	0.0104	0.0026	0.004	0.0028	0.003	2.09
40097377	14CL0002	585	588	0.0091	0.0091	0.0026	0.003	0.0026	0.002	1.5
40097378	14CL0002	588	591	0.009	0.0093	0.0023	0.003	0.0025	0.002	1.57
40097379	14CL0002	591	594	0.0084	0.0087	0.0023	0.003	0.0026	0.002	1.18
40097381	14CL0002	594	597	0.0095	0.0095	0.0026	0.004	0.0028	0.003	2.01
40097382	14CL0002	597	600	0.009	0.0091	0.0025	0.003	0.0026	0.002	1.72
40097383	14CL0002	600	603	0.0082	0.0091	0.0023	0.003	0.0025	0.002	1.45
40097384	14CL0002	603	606	0.0081	0.0087	0.0023	0.003	0.0025	0.002	0.65
40097385	14CL0002	606	607.35	0.0094	0.0093	0.0023	0.003	0.0027	0.002	0.71
40097401	14CL0003	5	6.5	0.0523	0.0175	0.0051	0.007	0.007	0.011	0.19
40097402	14CL0003	6.5	8	0.0335	0.0136	0.0053	0.006	0.0055	0.011	0.16
40097403	14CL0003	8	9.5	0.0449	0.0244	0.0075	0.004	0.0079	0.007	0.81
40097404	14CL0003	9.5	11	0.0173	0.0126	0.0054	0.003	0.0026	0.002	0.4
40097405	14CL0003	11	12.81	0.0489	0.0383	0.0066	0.007	0.0192	0.048	0.49
40097406	14CL0003	12.81	14	0.102	0.0697	0.006	0.016	0.0301	0.068	0.66
40097407	14CL0003	14	15.5	0.0555	0.0395	0.0046	0.014	0.036	0.109	0.15
40097408	14CL0003	15.5	17	0.0663	0.0556	0.0059	0.02	0.0223	0.068	0.3
40097409	14CL0003	17	18.5	0.0372	0.0321	0.0057	0.013	0.0209	0.045	0.16
40097411	14CL0003	18.5	20	0.1015	0.0786	0.009	0.024	0.0421	0.156	0.65
40097412	14CL0003	20	21.5	0.1145	0.0781	0.0082	0.042	0.0295	0.135	0.49
40097413	14CL0003	21.5	23	0.117	0.0653	0.0107	0.024	0.019	0.043	0.97
40097414	14CL0003	23	24.5	0.0258	0.03	0.0055	0.007	0.0166	0.031	0.16
40097415	14CL0003	24.5	26	0.0133	0.03	0.0052	0.005	0.0094	0.037	0.06
40097416	14CL0003	26	27.5	0.0273	0.0441	0.0068	0.004	0.0018	0.007	0.09
40097417	14CL0003	27.5	29	0.136	0.0905	0.0061	0.056	0.0478	0.372	0.21
40097418	14CL0003	29	30.5	0.0787	0.0666	0.006	0.026	0.0386	0.146	0.15
40097419	14CL0003	30.5	32	0.0628	0.0433	0.0044	0.031	0.0555	0.149	0.14
40097421	14CL0003	32	33.67	0.0171	0.0156	0.0047	0.003	0.0019	0.003	0.07
40097422	14CL0003	33.67	33.87	0.0122	0.0076	0.0027	0.001	0.0018	0.004	0.07
40097423	14CL0003	33.87	35	0.0116	0.0241	0.005	0.002	0.0033	0.005	0.05
40097424	14CL0003	35	36.51	0.0093	0.0302	0.0051	0.002	0.0028	0.004	0.05
40097425	14CL0003	36.51	36.76	0.0074	0.003	0.0024	0.001	0.00025	0.001	0.04
40097426	14CL0003	36.76	38.42	0.0158	0.025	0.0054	0.003	0.0055	0.006	0.04
40097427	14CL0003	38.42	40	0.023	0.007	0.0042	0.005	0.0116	0.013	0.04
40097428	14CL0003	40	42	0.0176	0.008	0.0043	0.004	0.0099	0.011	0.03

40097429	14CL0003	42	45	0.0249	0.011	0.004	0.004	0.0091	0.009	0.06
40097431	14CL0003	45	48	0.0389	0.009	0.0052	0.005	0.0083	0.009	0.08
40097432	14CL0003	48	51	0.0233	0.0072	0.0047	0.004	0.007	0.007	0.06
40097433	14CL0003	51	54	0.0254	0.0079	0.005	0.005	0.0109	0.01	0.06
40097434	14CL0003	54	57	0.0233	0.0074	0.0046	0.005	0.0104	0.01	0.07
40097435	14CL0003	57	60	0.0211	0.0071	0.0047	0.005	0.0121	0.011	0.06
40097436	14CL0003	60	63	0.0224	0.0073	0.0048	0.006	0.0125	0.013	0.07
40097437	14CL0003	63	66	0.0195	0.0062	0.0044	0.005	0.0095	0.006	0.08
40097438	14CL0003	66	69	0.0197	0.0053	0.0042	0.004	0.0099	0.008	0.08
40097439	14CL0003	69	72	0.017	0.0047	0.004	0.003	0.0083	0.007	0.08
40097441	14CL0003	72	75	0.0178	0.004	0.004	0.002	0.0066	0.006	0.08
40097442	14CL0003	75	78	0.0236	0.0048	0.0045	0.002	0.0079	0.007	0.08
40097443	14CL0003	78	81	0.0228	0.005	0.0041	0.002	0.0064	0.006	0.05
40097444	14CL0003	81	84	0.021	0.0037	0.0037	0.002	0.0039	0.004	0.03
40097445	14CL0003	84	87	0.0199	0.004	0.0045	0.002	0.0025	0.002	0.03
40097446	14CL0003	87	90	0.0234	0.005	0.005	0.003	0.0055	0.005	0.06
40097447	14CL0003	90	93	0.0196	0.0049	0.004	0.002	0.0016	0.003	0.04
40097448	14CL0003	93	96	0.0218	0.0053	0.0045	0.003	0.0032	0.006	0.03
40097449	14CL0003	96	99	0.0256	0.007	0.0049	0.003	0.0164	0.034	0.04
40097451	14CL0003	99	102	0.022	0.0072	0.0049	0.003	0.0107	0.016	0.02
40097452	14CL0003	102	105	0.0205	0.0067	0.0046	0.004	0.0055	0.007	0.03
40097453	14CL0003	105	108	0.021	0.0086	0.005	0.005	0.0031	0.007	0.01
40097454	14CL0003	108	111	0.0207	0.0073	0.0047	0.005	0.0068	0.008	0.03
40097455	14CL0003	111	114	0.0213	0.0084	0.005	0.007	0.0115	0.02	0.02
40097456	14CL0003	114	117	0.0204	0.0073	0.0046	0.004	0.0073	0.009	0.03
40097457	14CL0003	117	120	0.02	0.0075	0.005	0.004	0.0061	0.007	0.04
40097458	14CL0003	120	123	0.0197	0.0071	0.0048	0.004	0.0089	0.011	0.06
40097459	14CL0003	123	126	0.0181	0.0075	0.005	0.004	0.0067	0.009	0.02
40097461	14CL0003	126	129	0.0196	0.0085	0.0052	0.007	0.0065	0.014	0.03
40097462	14CL0003	129	132	0.019	0.0085	0.0052	0.008	0.0063	0.013	0.04
40097463	14CL0003	132	135	0.0207	0.0095	0.0056	0.008	0.0053	0.013	0.04
40097464	14CL0003	135	138	0.0195	0.0089	0.005	0.006	0.0045	0.011	0.04
40097465	14CL0003	138	141	0.0187	0.0088	0.0049	0.006	0.0054	0.013	0.05
40097466	14CL0003	141	144	0.0196	0.011	0.0054	0.006	0.005	0.014	0.03
40097467	14CL0003	144	147	0.0196	0.0127	0.0059	0.008	0.0183	0.025	0.03
40097468	14CL0003	147	150	0.0191	0.0107	0.0055	0.006	0.0285	0.032	0.06
40097469	14CL0003	150	153	0.0159	0.0087	0.0052	0.002	0.0251	0.031	0.05
40097471	14CL0003	153	156	0.0175	0.0099	0.0059	0.001	0.0251	0.031	0.04
40097472	14CL0003	156	159	0.0197	0.0094	0.0047	0.003	0.0119	0.015	0.07
40097473	14CL0003	159	162	0.0173	0.0079	0.0048	0.002	0.0111	0.012	0.06
40097474	14CL0003	162	165	0.0153	0.0047	0.0041	0.001	0.0023	0.003	0.02
40097475	14CL0003	165	168	0.0211	0.0092	0.0054	0.003	0.0033	0.004	0.02
40097476	14CL0003	168	171	0.0183	0.0065	0.0051	0.001	0.003	0.004	0.02
40097477	14CL0003	171	174	0.0198	0.0072	0.0051	0.002	0.0039	0.005	0.03
40097478	14CL0003	174	177	0.0183	0.0094	0.0059	0.003	0.0026	0.005	0.03
40097479	14CL0003	177	180	0.0193	0.0074	0.0049	0.003	0.0021	0.003	0.02
40097481	14CL0003	180	183	0.0201	0.0086	0.0057	0.003	0.0026	0.005	0.03

40097482	14CL0003	183	186	0.0163	0.007	0.005	0.002	0.0033	0.005	0.02
40097483	14CL0003	186	189	0.0169	0.0076	0.0045	0.003	0.0033	0.004	0.02
40097484	14CL0003	189	192	0.0184	0.0085	0.0048	0.003	0.0061	0.008	0.03
40097485	14CL0003	192	195	0.0198	0.0076	0.0049	0.002	0.0062	0.008	0.04
40097486	14CL0003	195	198	0.0183	0.0068	0.0046	0.003	0.0063	0.008	0.03
40097487	14CL0003	198	201	0.0189	0.0072	0.0046	0.002	0.0061	0.007	0.04
40097488	14CL0003	201	204	0.0166	0.0075	0.0042	0.004	0.0034	0.004	0.02
40097489	14CL0003	204	207	0.016	0.0075	0.0041	0.003	0.0034	0.004	0.03
40097491	14CL0003	207	210	0.0167	0.0081	0.0043	0.003	0.0046	0.005	0.03
40097492	14CL0003	210	213	0.0178	0.0063	0.0038	0.004	0.0052	0.006	0.03
40097493	14CL0003	213	216	0.0152	0.0074	0.0043	0.003	0.0064	0.008	0.02
40097494	14CL0003	216	219	0.0146	0.01	0.0045	0.002	0.0005	0.001	0.05
40097495	14CL0003	219	222	0.0184	0.0122	0.0053	0.002	0.00025	0.001	0.07
40097496	14CL0003	222	225	0.0178	0.0107	0.0051	0.002	0.0018	0.003	0.05
40097497	14CL0003	225	228	0.0182	0.0108	0.005	0.002	0.0029	0.004	0.05
40097498	14CL0003	228	231	0.0166	0.0089	0.0043	0.002	0.0029	0.004	0.06
40097499	14CL0003	231	234	0.0201	0.0096	0.0046	0.002	0.0025	0.003	0.05
40097501	14CL0003	234	237	0.0174	0.0104	0.0046	0.003	0.0035	0.004	0.06
40097502	14CL0003	237	240	0.0208	0.0115	0.0051	0.003	0.0033	0.004	0.07
40097503	14CL0003	240	243	0.0184	0.0116	0.0046	0.001	0.0042	0.005	0.03
40097504	14CL0003	243	246	0.0192	0.0104	0.0043	0.002	0.0055	0.006	0.03
40097505	14CL0003	246	249	0.0172	0.0095	0.0042	0.002	0.0081	0.008	0.03
40097506	14CL0003	249	252	0.018	0.009	0.0041	0.002	0.0075	0.007	0.05
40097507	14CL0003	252	255	0.0191	0.0099	0.0045	0.002	0.0069	0.007	0.05
40097508	14CL0003	255	258	0.0157	0.0097	0.0041	0.001	0.004	0.003	0.04
40097509	14CL0003	258	261	0.0175	0.0112	0.0044	0.001	0.004	0.004	0.06
40097511	14CL0003	261	264	0.0193	0.0142	0.0053	0.002	0.006	0.006	0.06
40097512	14CL0003	264	267	0.0192	0.0166	0.0059	0.002	0.0057	0.008	0.07
40097513	14CL0003	267	270	0.0162	0.0125	0.005	0.002	0.005	0.004	0.05
40097514	14CL0003	270	273	0.0189	0.0107	0.0046	0.003	0.0042	0.004	0.07
40097515	14CL0003	273	276	0.0158	0.0162	0.0057	0.002	0.0059	0.006	0.05
40097516	14CL0003	276	279	0.0196	0.0215	0.0069	0.003	0.0066	0.006	0.05
40097517	14CL0003	279	282	0.0187	0.0208	0.007	0.003	0.0055	0.005	0.05
40097518	14CL0003	282	285	0.0161	0.0115	0.0047	0.002	0.005	0.004	0.05
40097519	14CL0003	285	288	0.0147	0.0105	0.0045	0.002	0.0048	0.004	0.06
40097521	14CL0003	288	291	0.0136	0.0094	0.0042	0.001	0.003	0.003	0.06
40097522	14CL0003	291	294	0.0176	0.0092	0.0043	0.002	0.0016	0.002	0.06
40097523	14CL0003	294	297	0.0155	0.0087	0.0043	0.002	0.0015	0.002	0.06
40097524	14CL0003	297	300	0.0159	0.0093	0.0044	0.002	0.0015	0.001	0.04
40097525	14CL0003	300	303	0.0168	0.0106	0.0047	0.004	0.0005	0.0005	0.06
40097526	14CL0003	303	306	0.0163	0.0131	0.0053	0.01	0.0017	0.002	0.05
40097527	14CL0003	306	309	0.0184	0.0185	0.0066	0.006	0.0073	0.005	0.04
40097528	14CL0003	309	312	0.0171	0.014	0.0053	0.007	0.0148	0.013	0.04
40097529	14CL0003	312	315	0.0205	0.0114	0.0049	0.009	0.0148	0.013	0.06
40097531	14CL0003	315	318	0.0185	0.0129	0.0053	0.009	0.0126	0.01	0.05
40097532	14CL0003	318	321	0.0206	0.0087	0.0042	0.008	0.0203	0.021	0.07
40097533	14CL0003	321	324	0.0204	0.0111	0.0048	0.007	0.0087	0.01	0.06

40097534	14CL0003	324	327	0.0225	0.0109	0.0048	0.005	0.0082	0.01	0.06
40097535	14CL0003	327	330	0.0202	0.0109	0.0047	0.003	0.0093	0.007	0.08
40097536	14CL0003	330	333	0.0211	0.0107	0.0047	0.004	0.0037	0.003	0.06
40097537	14CL0003	333	336	0.0209	0.0121	0.0051	0.003	0.0022	0.002	0.06
40097538	14CL0003	336	339	0.0178	0.0105	0.0045	0.003	0.0174	0.01	0.06
40097539	14CL0003	339	342	0.0194	0.0122	0.0052	0.004	0.0179	0.014	0.06
40097541	14CL0003	342	345	0.0203	0.0124	0.0053	0.004	0.0129	0.01	0.07
40097542	14CL0003	345	348	0.0192	0.0117	0.0047	0.004	0.0053	0.005	0.06
40097543	14CL0003	348	351	0.021	0.0115	0.0047	0.004	0.0036	0.004	0.04
40097544	14CL0003	351	354	0.0204	0.0159	0.0054	0.003	0.0038	0.004	0.04
40097545	14CL0003	354	357	0.0186	0.0136	0.005	0.003	0.003	0.005	0.05
40097546	14CL0003	357	360	0.0188	0.015	0.0051	0.003	0.0038	0.005	0.04
40097547	14CL0003	360	363	0.0199	0.0147	0.0051	0.006	0.0044	0.006	0.05
40097548	14CL0003	363	366	0.0187	0.0126	0.0047	0.004	0.0042	0.005	0.06
40097549	14CL0003	366	369	0.0198	0.0128	0.0047	0.004	0.0045	0.005	0.07
40097551	14CL0003	369	372	0.0206	0.014	0.0051	0.003	0.0057	0.006	0.07
40097552	14CL0003	372	375	0.0188	0.0137	0.0048	0.003	0.0053	0.006	0.07
40097553	14CL0003	375	378	0.0177	0.0156	0.005	0.003	0.0054	0.006	0.04
40097554	14CL0003	378	381	0.0176	0.0165	0.0051	0.002	0.0089	0.007	0.04
40097555	14CL0003	381	384	0.0191	0.0164	0.0051	0.003	0.0048	0.005	0.06
40097556	14CL0003	384	387	0.0206	0.0184	0.0055	0.003	0.0046	0.005	0.03
40097557	14CL0003	387	390	0.0175	0.0182	0.0053	0.003	0.0051	0.006	0.05
40097558	14CL0003	390	393	0.0185	0.016	0.0052	0.005	0.0085	0.008	0.06
40097559	14CL0003	393	396	0.0179	0.015	0.0049	0.005	0.008	0.007	0.07
40097561	14CL0003	396	399	0.0189	0.0178	0.0055	0.003	0.0066	0.007	0.06
40097562	14CL0003	399	402	0.0186	0.018	0.0054	0.003	0.0054	0.006	0.06
40097563	14CL0003	402	405	0.019	0.0188	0.0057	0.003	0.0068	0.016	0.07
40097564	14CL0003	405	408	0.0168	0.0176	0.0053	0.004	0.006	0.006	0.07
40097565	14CL0003	408	411	0.017	0.0181	0.0054	0.003	0.005	0.006	0.06
40097566	14CL0003	411	414	0.0158	0.0173	0.0051	0.003	0.0048	0.006	0.05
40097567	14CL0003	414	417	0.0163	0.0193	0.0052	0.003	0.0094	0.012	0.07
40097568	14CL0003	417	420	0.0141	0.0237	0.0055	0.002	0.002	0.002	0.06
40097569	14CL0003	420	423	0.0146	0.0219	0.0054	0.002	0.0025	0.003	0.07
40097571	14CL0003	423	426	0.0167	0.0219	0.0056	0.002	0.0041	0.006	0.07
40097572	14CL0003	426	429	0.0177	0.0202	0.0054	0.0005	0.0041	0.005	0.06
40097573	14CL0003	429	432	0.0157	0.0192	0.0051	0.002	0.0044	0.007	0.07
40097574	14CL0003	432	435	0.0163	0.0193	0.0053	0.0005	0.0089	0.012	0.07
40097575	14CL0003	435	438	0.0191	0.0166	0.0056	0.002	0.0053	0.008	0.06
40097576	14CL0003	438	441	0.0144	0.0205	0.0055	0.002	0.0094	0.014	0.06
40097577	14CL0003	441	444	0.0136	0.0219	0.0057	0.002	0.0048	0.006	0.08
40097578	14CL0003	444	447	0.0151	0.0229	0.0057	0.002	0.0069	0.01	0.08
40097579	14CL0003	447	450	0.016	0.0197	0.0054	0.002	0.0044	0.007	0.07
40097581	14CL0003	450	453	0.0188	0.0264	0.0062	0.003	0.0045	0.006	0.07
40097582	14CL0003	453	456	0.0152	0.0314	0.0065	0.003	0.0057	0.009	0.07
40097583	14CL0003	456	459	0.0128	0.0269	0.0059	0.002	0.0059	0.009	0.05
40097584	14CL0003	459	462	0.0137	0.0307	0.0063	0.003	0.0051	0.007	0.06
40097585	14CL0003	462	465	0.0155	0.0357	0.0069	0.003	0.0058	0.008	0.05

40097586	14CL0003	465	468	0.015	0.0296	0.0062	0.003	0.0056	0.008	0.05
40097587	14CL0003	468	471	0.0156	0.0313	0.0063	0.003	0.0062	0.009	0.05
40097588	14CL0003	471	474	0.0164	0.0266	0.006	0.003	0.0057	0.008	0.05
40097589	14CL0003	474	477	0.0195	0.03	0.0061	0.004	0.0069	0.014	0.05
40097591	14CL0003	477	480	0.0162	0.0257	0.0055	0.003	0.0058	0.01	0.03
40097592	14CL0003	480	483	0.0163	0.0229	0.0053	0.003	0.0056	0.008	0.05
40097593	14CL0003	483	486	0.0166	0.0219	0.0052	0.003	0.006	0.009	0.06
40097594	14CL0003	486	489	0.0179	0.0226	0.0052	0.003	0.0061	0.009	0.04
40097595	14CL0003	489	492	0.0194	0.0244	0.0054	0.003	0.0065	0.011	0.04
40097596	14CL0003	492	495	0.0187	0.026	0.0059	0.004	0.0071	0.011	0.05
40097597	14CL0003	495	498	0.0182	0.0271	0.0057	0.003	0.0057	0.008	0.05
40097598	14CL0003	498	501	0.0172	0.0239	0.0054	0.003	0.0054	0.008	0.06
40097599	14CL0003	501	504	0.018	0.0215	0.0051	0.003	0.0059	0.007	0.07
40097601	14CL0003	504	507	0.0173	0.0226	0.0054	0.003	0.0048	0.006	0.08
40097602	14CL0003	507	510	0.02	0.0198	0.0052	0.003	0.0063	0.008	0.06
40097603	14CL0003	510	513	0.0194	0.0237	0.0057	0.003	0.0057	0.009	0.06
40097604	14CL0003	513	516	0.0149	0.0286	0.0052	0.003	0.0056	0.021	0.05
40097605	14CL0003	516	519	0.0117	0.0323	0.0052	0.003	0.0071	0.013	0.03
40097606	14CL0003	519	522	0.0107	0.0343	0.0057	0.002	0.0041	0.01	0.03
40097607	14CL0003	522	525	0.0108	0.0309	0.0057	0.002	0.0042	0.01	0.04
40097608	14CL0003	525	528	0.014	0.0331	0.0053	0.003	0.008	0.018	0.04
40097609	14CL0003	528	531	0.02	0.0412	0.0066	0.003	0.0056	0.019	0.08
40097611	14CL0003	531	534	0.0172	0.046	0.0063	0.003	0.011	0.026	0.05
40097612	14CL0003	534	537	0.0154	0.0383	0.0057	0.003	0.0066	0.011	0.06
40097613	14CL0003	537	539	0.0151	0.0306	0.0053	0.003	0.0062	0.009	0.05
40097614	14CL0003	539	540.97	0.0153	0.0308	0.0057	0.004	0.0111	0.033	0.05
40097616	14CL0003	540.97	542.5	0.165	0.138	0.0094	0.03	0.101	0.371	0.27
40097617	14CL0003	542.5	544	0.269	0.16	0.0109	0.03	0.0682	0.348	0.85
40097618	14CL0003	544	545.5	0.275	0.136	0.0091	0.031	0.063	0.307	0.79
40097619	14CL0003	545.5	547	0.35	0.168	0.0095	0.04	0.0835	0.396	1.03
40097621	14CL0003	547	548.5	0.637	0.266	0.0128	0.095	0.135	0.733	1.65
40097622	14CL0003	548.5	550	0.51	0.274	0.0128	0.072	0.14	0.743	1.61
40097623	14CL0003	550	551.5	0.894	0.398	0.0149	0.21	0.27	1.32	2.22
40097624	14CL0003	551.5	553	0.612	0.417	0.0154	0.12	0.17	0.96	2.07
40097625	14CL0003	553	554.5	0.393	0.255	0.0143	0.065	0.158	0.707	1.07
40097626	14CL0003	554.5	556	0.559	0.309	0.015	0.085	0.232	0.81	1.54
40097627	14CL0003	556	557.5	0.404	0.265	0.015	0.053	0.117	0.64	1.38
40097628	14CL0003	557.5	559	0.801	0.517	0.0195	0.14	0.35	1.34	2.78
40097629	14CL0003	559	560.5	0.829	0.511	0.02	0.15	0.21	1.43	3.05
40097631	14CL0003	560.5	562	0.969	0.531	0.0194	0.16	0.34	1.49	3
40097632	14CL0003	562	563.5	0.962	0.417	0.0139	0.13	0.28	1.44	2.13
40097633	14CL0003	563.5	565	0.267	0.144	0.0078	0.033	0.081	0.41	0.57
40097634	14CL0003	565	566.5	0.374	0.21	0.0136	0.047	0.0941	0.451	1.49
40097635	14CL0003	566.5	568	0.448	0.227	0.0135	0.051	0.124	0.48	1.72
40097636	14CL0003	568	569.5	0.365	0.177	0.0108	0.037	0.0478	0.36	1.36
40097638	14CL0003	569.5	571	0.421	0.161	0.0099	0.044	0.0712	0.411	1.13
40097639	14CL0003	571	572.5	0.475	0.239	0.0151	0.044	0.0594	0.402	2.11

40097641	14CL0003	572.5	574.37	0.153	0.0628	0.0065	0.016	0.019	0.125	0.4
40097642	14CL0003	574.37	574.55	0.224	0.11	0.0072	0.027	0.045	0.196	0.39
40097643	14CL0003	574.55	576	0.0659	0.0171	0.0048	0.011	0.0116	0.047	0.14
40097644	14CL0003	576	577.5	0.0645	0.0144	0.0035	0.011	0.0175	0.056	0.08
40097645	14CL0003	577.5	579	0.0213	0.0026	0.0031	0.004	0.0032	0.006	0.02
40097646	14CL0003	579	582	0.025	0.0026	0.0031	0.004	0.0031	0.007	0.02
40097647	14CL0003	582	585	0.0234	0.0024	0.0028	0.003	0.0027	0.008	0.02
40097648	14CL0003	585	588	0.0206	0.002	0.0027	0.003	0.0049	0.008	0.01
40097649	14CL0003	588	591	0.0188	0.0021	0.0025	0.003	0.0027	0.007	0.02
40097651	14CL0003	591	594	0.0225	0.0026	0.0029	0.003	0.0026	0.007	0.01
40097652	14CL0003	594	597	0.0229	0.0023	0.003	0.003	0.0026	0.007	0.02
40097653	14CL0003	597	600	0.0228	0.002	0.0029	0.002	0.0029	0.007	0.02
40097654	14CL0003	600	600.74	0.0096	0.0011	0.0024	0.001	0.0023	0.006	0.02
40097655	14CL0003	600.74	604	0.0329	0.0016	0.0039	0.003	0.0022	0.001	0.05
40097656	14CL0003	604	607.15	0.036	0.0042	0.0048	0.006	0.0036	0.01	0.04
40097657	14CL0003	607.15	609	0.0327	0.0036	0.0041	0.007	0.004	0.009	0.03
40097658	14CL0003	609	612	0.0295	0.0031	0.0037	0.005	0.0057	0.015	0.03
40097659	14CL0003	612	615	0.0227	0.0035	0.0035	0.003	0.0072	0.027	0.04
40097661	14CL0003	615	618	0.0201	0.003	0.0033	0.002	0.003	0.008	0.03
40097662	14CL0003	618	621	0.0233	0.0028	0.0033	0.004	0.0027	0.006	0.03
40097663	14CL0003	621	624	0.0307	0.0035	0.0036	0.006	0.003	0.007	0.03
40097664	14CL0003	624	627	0.0166	0.0036	0.0038	0.003	0.0033	0.008	0.02
40097665	14CL0003	627	630	0.0196	0.0036	0.0037	0.006	0.0034	0.009	0.02
40097666	14CL0003	630	633	0.025	0.0043	0.004	0.005	0.0041	0.01	0.02
40097667	14CL0003	633	636	0.0312	0.0038	0.0041	0.005	0.0039	0.009	0.04
40097668	14CL0003	636	639	0.0253	0.0039	0.004	0.005	0.0041	0.01	0.03
40097669	14CL0003	639	642	0.0327	0.004	0.0044	0.006	0.0045	0.01	0.04
40097671	14CL0003	642	643.5	0.0297	0.0038	0.004	0.005	0.0042	0.01	0.07
40097672	14CL0003	643.5	645	0.0443	0.0061	0.0048	0.006	0.0049	0.013	0.17
40097673	14CL0003	645	646.5	0.0274	0.007	0.0057	0.007	0.0069	0.02	0.09
40097674	14CL0003	646.5	648	0.046	0.0215	0.006	0.012	0.0118	0.053	0.15
40097675	14CL0003	648	649.33	0.1035	0.046	0.0076	0.023	0.033	0.115	0.28
40097676	14CL0003	649.33	651	0.1685	0.0717	0.012	0.009	0.0116	0.025	1.29
40097677	14CL0003	651	652.5	0.0089	0.008	0.0034	0.003	0.003	0.005	0.35
40097678	14CL0003	652.5	654	0.045	0.0391	0.0087	0.008	0.0084	0.02	1.72
40097679	14CL0003	654	655.5	0.0146	0.0209	0.004	0.005	0.0092	0.013	0.32
40097681	14CL0003	655.5	657	0.0162	0.0164	0.0034	0.004	0.0095	0.013	0.62
40097682	14CL0003	657	658.5	0.0283	0.0204	0.0058	0.005	0.0048	0.016	1.52
40097683	14CL0003	658.5	660	0.0387	0.0239	0.0091	0.006	0.0102	0.019	1.38
40097684	14CL0003	660	661.5	0.11	0.093	0.0144	0.022	0.034	0.077	1.26
40097685	14CL0003	661.5	663	0.107	0.103	0.011	0.019	0.0331	0.051	0.71
40097686	14CL0003	663	664.5	0.0241	0.0499	0.0059	0.005	0.0133	0.031	0.08
40097687	14CL0003	664.5	666	0.0169	0.0242	0.0051	0.003	0.0076	0.01	0.05
40097688	14CL0003	666	667.5	0.0149	0.0237	0.005	0.004	0.0063	0.007	0.04
40097689	14CL0003	667.5	669	0.0115	0.0348	0.0053	0.003	0.0053	0.007	0.04
40097691	14CL0003	669	670.5	0.0129	0.0295	0.005	0.003	0.0056	0.009	0.05
40097692	14CL0003	670.5	672	0.0164	0.0215	0.0048	0.003	0.0065	0.011	0.04

40097693	14CL0003	672	675	0.018	0.0243	0.005	0.004	0.0075	0.012	0.06
40097694	14CL0003	675	678	0.0119	0.0295	0.0049	0.003	0.0053	0.01	0.11
40097695	14CL0003	678	681	0.013	0.028	0.0047	0.002	0.0013	0.003	0.05
40097696	14CL0003	681	684	0.0183	0.0202	0.0043	0.004	0.0053	0.009	0.06
40097697	14CL0003	684	687	0.0131	0.0221	0.0045	0.003	0.0077	0.013	0.05
40097698	14CL0003	687	690	0.0121	0.0283	0.0049	0.004	0.0103	0.018	0.03
40097699	14CL0003	690	693	0.0183	0.0319	0.0051	0.003	0.0059	0.011	0.04
40097701	14CL0003	693	696	0.0133	0.0385	0.0055	0.002	0.0071	0.014	0.05
40097702	14CL0003	696	699	0.0155	0.0357	0.0056	0.001	0.0011	0.001	0.06
40097703	14CL0003	699	702	0.0147	0.0378	0.0056	0.004	0.0051	0.008	0.05
40097704	14CL0003	702	705	0.0154	0.0356	0.0056	0.002	0.0032	0.005	0.05
40097705	14CL0003	705	708	0.0142	0.0407	0.0059	0.004	0.0052	0.009	0.05
40097706	14CL0003	708	711	0.0144	0.0409	0.0058	0.003	0.0067	0.012	0.05
40097707	14CL0003	711	714	0.0144	0.0417	0.006	0.003	0.0065	0.012	0.05
40097708	14CL0003	714	717	0.0169	0.0456	0.0067	0.008	0.0105	0.008	0.06
40097709	14CL0003	717	720	0.0156	0.0496	0.0066	0.002	0.0059	0.01	0.05
40097711	14CL0003	720	723	0.0159	0.047	0.0064	0.005	0.006	0.01	0.05
40097712	14CL0003	723	726	0.0171	0.0443	0.0061	0.004	0.0065	0.011	0.05
40097713	14CL0003	726	729	0.0183	0.0392	0.0059	0.003	0.0071	0.011	0.05
40097714	14CL0003	729	732	0.0229	0.0362	0.0059	0.004	0.0073	0.012	0.07
40097715	14CL0003	732	735	0.0169	0.0251	0.0051	0.004	0.0074	0.012	0.05
40097716	14CL0003	735	738	0.0194	0.0419	0.0058	0.004	0.0083	0.021	0.05
40097717	14CL0003	738	741	0.0113	0.0414	0.0059	0.003	0.0108	0.011	0.05
40097718	14CL0003	741	742.5	0.118	0.0901	0.0068	0.027	0.0547	0.261	0.21
40097719	14CL0003	742.5	743.75	0.0198	0.032	0.0059	0.008	0.0255	0.047	0.05
40097720	14CL0003	743.75	744.21	0.073	0.12	0.0123	0.013	0.0527	0.253	0.18
40097721	14CL0003	744.21	745	0.079	0.0897	0.0082	0.014	0.0516	0.119	0.27
40097722	14CL0003	745	746.5	0.1225	0.0807	0.0092	0.015	0.0269	0.077	0.95
40097723	14CL0003	746.5	748	0.128	0.1065	0.0118	0.019	0.0494	0.171	1.2
40097724	14CL0003	748	749.5	0.0377	0.0416	0.0064	0.006	0.01	0.052	0.12
40097725	14CL0003	749.5	751	0.0967	0.0801	0.0092	0.014	0.0322	0.157	0.72
40097726	14CL0003	751	751.5	0.0656	0.0572	0.0075	0.014	0.0289	0.199	0.23
40097727	14CL0003	751.5	753	0.0957	0.0901	0.0094	0.022	0.0381	0.204	0.49
40097728	14CL0003	753	754.5	0.0819	0.0634	0.0101	0.016	0.0372	0.07	1.01
40097729	14CL0003	754.5	756	0.1445	0.1065	0.0139	0.021	0.0396	0.11	1.24
40097731	14CL0003	756	757.5	0.132	0.1185	0.0247	0.015	0.0183	0.069	5.42
40097732	14CL0003	757.5	758.45	0.0339	0.0325	0.0059	0.004	0.0049	0.019	0.38
40097733	14CL0003	758.45	759	0.0817	0.0489	0.0093	0.015	0.0145	0.077	0.86
40097734	14CL0003	759	762	0.0232	0.0142	0.0072	0.007	0.0048	0.02	0.16
40097735	14CL0003	762	765	0.0305	0.0122	0.0064	0.004	0.0043	0.018	0.08
40097736	14CL0003	765	768	0.03	0.0091	0.0058	0.005	0.0036	0.013	0.05
40097737	14CL0003	768	771	0.0311	0.0088	0.0054	0.005	0.0033	0.012	0.08
40097738	14CL0003	771	774	0.0386	0.0108	0.0053	0.005	0.0039	0.015	0.06
40097739	14CL0003	774	775.24	0.0184	0.011	0.0032	0.003	0.0047	0.016	0.08
40097741	14CL0003	775.24	777	0.0127	0.0106	0.0029	0.002	0.0019	0.003	1.32
40097742	14CL0003	777	780	0.0093	0.0097	0.0026	0.001	0.0016	0.002	0.98
40097743	14CL0003	780	783	0.0076	0.0088	0.002	0.001	0.0015	0.002	0.27

40097744	14CL0003	783	786	0.0083	0.0083	0.002	0.001	0.0014	0.002	0.71
40097745	14CL0003	786	789	0.0148	0.0092	0.0024	0.002	0.0018	0.003	0.38
40097746	14CL0003	789	792	0.0075	0.0097	0.0025	0.001	0.0129	0.022	0.08
40097747	14CL0003	792	795	0.0083	0.0092	0.0021	0.002	0.0014	0.002	0.39
40097748	14CL0003	795	798	0.0053	0.0085	0.0019	0.001	0.0014	0.002	0.2
40097749	14CL0003	798	801	0.0064	0.0087	0.0021	0.001	0.0014	0.002	0.15
40097751	14CL0003	801	804	0.0064	0.009	0.0023	0.002	0.0013	0.002	0.27
40097752	14CL0003	804	807	0.0109	0.0087	0.0023	0.002	0.0015	0.002	0.38
40097753	14CL0003	807	810	0.0082	0.0096	0.0023	0.012	0.0015	0.002	0.32
40097754	14CL0003	810	813	0.0059	0.0099	0.0024	0.005	0.0014	0.002	0.12
40097755	14CL0003	813	816	0.0139	0.0104	0.0026	0.003	0.0017	0.002	0.81
40097756	14CL0003	816	819	0.0319	0.0132	0.0039	0.004	0.0022	0.003	4.85
40097757	14CL0003	819	822	0.0167	0.0149	0.0033	0.002	0.0021	0.003	4.74
40097758	14CL0003	822	825	0.0156	0.0152	0.0028	0.002	0.0021	0.003	3.91
40097759	14CL0003	825	828	0.0162	0.018	0.003	0.003	0.002	0.003	3.81
40097776	14CL0004	1.85	3	0.0163	0.0135	0.0049	0.003	0.005	0.006	0.1
40097777	14CL0004	3	4.5	0.009	0.0088	0.004	0.002	0.0032	0.003	0.11
40097778	14CL0004	4.5	6	0.0099	0.0112	0.0043	0.002	0.005	0.005	0.03
40097779	14CL0004	6	7.5	0.0188	0.0153	0.005	0.004	0.007	0.013	0.09
40097781	14CL0004	7.5	9.58	0.018	0.0165	0.005	0.004	0.0071	0.011	0.05
40097782	14CL0004	9.58	11	0.0136	0.0117	0.0042	0.002	0.0053	0.006	0.12
40097783	14CL0004	11	12.5	0.0314	0.0227	0.0048	0.007	0.0167	0.047	0.18
40097784	14CL0004	12.5	14	0.109	0.0702	0.0071	0.02	0.0539	0.108	0.57
40097785	14CL0004	14	15.5	0.129	0.0948	0.01	0.034	0.0517	0.284	1.6
40097786	14CL0004	15.5	17	0.0341	0.0203	0.0046	0.009	0.0118	0.104	0.28
40097787	14CL0004	17	18.5	0.147	0.0585	0.0092	0.029	0.0316	0.047	1.31
40097788	14CL0004	18.5	20	0.121	0.0631	0.0101	0.023	0.0153	0.035	1.79
40097789	14CL0004	20	21.5	0.0818	0.0572	0.0113	0.016	0.0242	0.035	1.37
40097791	14CL0004	21.5	23	0.151	0.089	0.0124	0.022	0.0313	0.049	1.45
40097792	14CL0004	23	24.5	0.205	0.1315	0.0094	0.098	0.122	0.45	0.87
40097793	14CL0004	24.5	26	0.271	0.161	0.0086	0.049	0.135	0.465	1.04
40097794	14CL0004	26	27.5	0.166	0.114	0.0091	0.036	0.0503	0.174	0.52
40097795	14CL0004	27.5	29	0.211	0.104	0.0087	0.045	0.0809	0.203	0.66
40097796	14CL0004	29	30.5	0.0562	0.0368	0.0061	0.008	0.0109	0.026	0.17
40097797	14CL0004	30.5	32	0.0993	0.0514	0.0073	0.008	0.0114	0.022	0.37
40097798	14CL0004	32	33.5	0.0165	0.0312	0.006	0.003	0.005	0.006	0.04
40097799	14CL0004	33.5	35	0.0154	0.0279	0.0057	0.007	0.0151	0.013	0.02
40097801	14CL0004	35	36.5	0.0134	0.0155	0.0047	0.002	0.0077	0.012	0.04
40097802	14CL0004	36.5	38	0.0771	0.0331	0.0062	0.013	0.0203	0.057	0.18
40097803	14CL0004	38	39	0.135	0.0706	0.0068	0.013	0.0277	0.103	0.33
40097804	14CL0004	39	40.5	0.0129	0.0279	0.0061	0.003	0.0051	0.006	0.02
40097805	14CL0004	40.5	42	0.0118	0.0249	0.0057	0.002	0.0046	0.005	0.02
40097806	14CL0004	42	45	0.015	0.0193	0.0053	0.003	0.0053	0.005	0.02
40097807	14CL0004	45	48	0.0203	0.0152	0.0056	0.004	0.0061	0.006	0.05
40097808	14CL0004	48	51	0.0204	0.0134	0.0053	0.004	0.0084	0.009	0.01
40097809	14CL0004	51	54	0.0248	0.0093	0.0056	0.005	0.0131	0.011	0.01
40097811	14CL0004	54	57	0.0191	0.0058	0.004	0.004	0.0076	0.007	0.03

40097812	14CL0004	57	60	0.02	0.0049	0.004	0.003	0.0037	0.002	0.04
40097826	14CL0005	0	3	0.0106	0.03	0.0057	0.002	0.0043	0.006	0.02
40097827	14CL0005	3	6	0.0114	0.0318	0.0058	0.002	0.0044	0.006	0.04
40097828	14CL0005	6	9	0.0106	0.0284	0.0056	0.002	0.0043	0.006	0.04
40097829	14CL0005	9	12	0.0114	0.0292	0.0055	0.002	0.0043	0.006	0.04
40097831	14CL0005	12	15	0.0112	0.0306	0.0058	0.002	0.0043	0.007	0.04
40097832	14CL0005	15	18	0.0117	0.0324	0.0058	0.002	0.0044	0.007	0.04
40097833	14CL0005	18	21	0.0115	0.0373	0.0066	0.002	0.0038	0.006	0.04
40097834	14CL0005	21	24	0.0113	0.0393	0.0068	0.002	0.0039	0.006	0.04
40097835	14CL0005	24	27	0.0108	0.0399	0.0069	0.002	0.0043	0.007	0.03
40097836	14CL0005	27	30	0.0111	0.0383	0.0065	0.002	0.0042	0.007	0.03
40097837	14CL0005	30	33	0.0104	0.035	0.0061	0.002	0.0039	0.006	0.04
40097838	14CL0005	33	36	0.0118	0.0361	0.0064	0.002	0.0039	0.006	0.03
40097839	14CL0005	36	39	0.0113	0.0366	0.0064	0.002	0.004	0.006	0.03
40097841	14CL0005	39	42	0.0098	0.0347	0.006	0.002	0.0039	0.006	0.05
40097842	14CL0005	42	45	0.0111	0.0346	0.0061	0.002	0.0042	0.007	0.05
40097843	14CL0005	45	48	0.0103	0.0321	0.0057	0.002	0.0045	0.009	0.05
40097844	14CL0005	48	51	0.0103	0.0305	0.0055	0.002	0.0042	0.007	0.05
40097845	14CL0005	51	54	0.0102	0.0287	0.0052	0.002	0.0036	0.006	0.05
40097846	14CL0005	54	57	0.0104	0.0309	0.0055	0.002	0.0041	0.007	0.05
40097847	14CL0005	57	60	0.0123	0.0364	0.0061	0.002	0.0045	0.007	0.05
40097848	14CL0005	60	63	0.0107	0.0414	0.0066	0.002	0.0042	0.007	0.04
40097849	14CL0005	63	66	0.0106	0.0311	0.0055	0.002	0.0046	0.007	0.04
40097851	14CL0005	66	69	0.0105	0.0358	0.006	0.003	0.0043	0.007	0.05
40097852	14CL0005	69	72	0.0109	0.0341	0.0058	0.002	0.0044	0.007	0.04
40097853	14CL0005	72	75	0.0112	0.0363	0.006	0.002	0.0044	0.007	0.04
40097854	14CL0005	75	78	0.0102	0.0349	0.0058	0.002	0.0042	0.007	0.04
40097855	14CL0005	78	81	0.0103	0.0353	0.0059	0.002	0.0043	0.007	0.04
40097856	14CL0005	81	84	0.0093	0.0377	0.0062	0.002	0.0046	0.007	0.05
40097857	14CL0005	84	87	0.0097	0.0381	0.0061	0.002	0.0046	0.008	0.04
40097858	14CL0005	87	90	0.0098	0.04	0.0063	0.002	0.0044	0.007	0.04
40097859	14CL0005	90	93	0.0101	0.0439	0.0068	0.002	0.0044	0.007	0.05
40097861	14CL0005	93	96	0.0103	0.0501	0.0076	0.002	0.0043	0.007	0.04
40097862	14CL0005	96	99	0.0111	0.0464	0.0072	0.002	0.0046	0.007	0.05
40097863	14CL0005	99	102	0.01	0.0427	0.0066	0.002	0.0044	0.007	0.04
40097864	14CL0005	102	105	0.0096	0.037	0.0058	0.002	0.0043	0.007	0.03
40097865	14CL0005	105	108	0.0094	0.0372	0.0057	0.002	0.0041	0.007	0.05
40097866	14CL0005	108	111	0.0076	0.0382	0.0058	0.001	0.0044	0.008	0.07
40097867	14CL0005	111	114	0.0084	0.0337	0.0056	0.002	0.0046	0.009	0.05
40097868	14CL0005	114	117	0.0101	0.032	0.0054	0.002	0.0043	0.009	0.04
40097869	14CL0005	117	120	0.0103	0.0353	0.0057	0.002	0.0043	0.009	0.04
40097871	14CL0005	120	123	0.0105	0.036	0.0059	0.002	0.0043	0.008	0.03
40097872	14CL0005	123	126	0.01	0.0377	0.0059	0.002	0.0052	0.01	0.03
40097873	14CL0005	126	129	0.0101	0.0436	0.0065	0.002	0.0061	0.01	0.03
40097874	14CL0005	129	132	0.01	0.0524	0.0073	0.002	0.0051	0.009	0.03
40097875	14CL0005	132	135	0.0092	0.0595	0.0081	0.002	0.0043	0.007	0.03
40097876	14CL0005	135	138	0.0087	0.0423	0.006	0.001	0.0039	0.006	0.04

40097877	14CL0005	138	141	0.0093	0.0385	0.0058	0.003	0.0044	0.007	0.02
40097878	14CL0005	141	144	0.0093	0.0366	0.0055	0.002	0.0044	0.008	0.03
40097879	14CL0005	144	147	0.0085	0.0339	0.0053	0.002	0.0041	0.008	0.03
40097881	14CL0005	147	150	0.0108	0.0383	0.0055	0.005	0.0045	0.009	0.03
40097882	14CL0005	150	153	0.0093	0.036	0.0053	0.003	0.0052	0.01	0.03
40097883	14CL0005	153	156	0.0087	0.038	0.0053	0.002	0.0045	0.01	0.03
40097884	14CL0005	156	159	0.0097	0.045	0.0061	0.002	0.0047	0.01	0.03
40097885	14CL0005	159	162	0.0094	0.0407	0.0058	0.002	0.0048	0.01	0.03
40097886	14CL0005	162	165	0.01	0.0355	0.0053	0.002	0.0049	0.009	0.05
40097887	14CL0005	165	168	0.0099	0.0421	0.0057	0.003	0.0049	0.009	0.03
40097888	14CL0005	168	171	0.0094	0.0447	0.006	0.002	0.0044	0.011	0.03
40097889	14CL0005	171	174	0.01	0.0407	0.0057	0.002	0.0043	0.012	0.04
40097891	14CL0005	174	177	0.0097	0.0388	0.0054	0.002	0.0045	0.013	0.03
40097892	14CL0005	177	180	0.0098	0.041	0.0058	0.002	0.0048	0.014	0.03
40097893	14CL0005	180	183	0.01	0.0472	0.0061	0.002	0.0046	0.013	0.04
40097894	14CL0005	183	186	0.0097	0.0439	0.0059	0.002	0.0042	0.011	0.03
40097895	14CL0005	186	189	0.0103	0.0459	0.0061	0.002	0.0041	0.009	0.03
40097896	14CL0005	189	192	0.0099	0.0453	0.0061	0.002	0.0038	0.007	0.04
40097897	14CL0005	192	195	0.0092	0.0434	0.0059	0.002	0.0038	0.007	0.03
40097898	14CL0005	195	198	0.0097	0.0445	0.0059	0.002	0.004	0.007	0.03
40097899	14CL0005	198	201	0.0091	0.0425	0.0057	0.002	0.004	0.006	0.04
40097901	14CL0005	201	204	0.0098	0.0429	0.0057	0.002	0.004	0.007	0.03
40097902	14CL0005	204	207	0.01	0.0499	0.0063	0.002	0.0043	0.007	0.03
40097903	14CL0005	207	210	0.0093	0.0704	0.0079	0.002	0.0058	0.012	0.03
40097904	14CL0005	210	213	0.0096	0.0563	0.0066	0.002	0.0056	0.012	0.03
40097905	14CL0005	213	216	0.01	0.0629	0.0072	0.003	0.0071	0.013	0.04
40097906	14CL0005	216	219	0.0107	0.0715	0.0078	0.003	0.0087	0.017	0.03
40097907	14CL0005	219	222	0.0118	0.0473	0.0058	0.003	0.0055	0.01	0.04
40097908	14CL0005	222	225	0.0121	0.0488	0.0061	0.002	0.0086	0.015	0.05
40097909	14CL0005	225	228	0.0124	0.0464	0.0058	0.005	0.0075	0.015	0.04
40097911	14CL0005	228	231	0.0131	0.0421	0.0053	0.003	0.005	0.009	0.03
40097912	14CL0005	231	234	0.0126	0.0344	0.0049	0.002	0.0067	0.013	0.04
40097913	14CL0005	234	237	0.0138	0.0266	0.0044	0.005	0.007	0.013	0.04
40097914	14CL0005	237	239.57	0.018	0.0303	0.0047	0.016	0.0016	0.004	0.06
40097915	14CL0005	239.57	243	0.0264	0.0548	0.007	0.002	0.0069	0.012	0.06
40097916	14CL0005	243	246	0.013	0.0731	0.0077	0.003	0.0066	0.023	0.03
40097917	14CL0005	246	249	0.0136	0.0304	0.0048	0.003	0.0035	0.008	0.05
40097918	14CL0005	249	252	0.0143	0.0337	0.005	0.002	0.0078	0.023	0.05
40097919	14CL0005	252	255	0.0139	0.0384	0.0057	0.002	0.0064	0.013	0.04
40097921	14CL0005	255	258	0.0111	0.0335	0.0055	0.003	0.0097	0.026	0.03
40097922	14CL0005	258	260	0.0113	0.0305	0.0051	0.002	0.0048	0.005	0.05
40097923	14CL0005	260	261.5	0.0532	0.0498	0.0057	0.013	0.0318	0.147	0.11
40097924	14CL0005	261.5	263	0.0818	0.0733	0.007	0.014	0.0579	0.16	0.15
40097925	14CL0005	263	264.5	0.089	0.0965	0.0077	0.025	0.0525	0.279	0.21
40097926	14CL0005	264.5	266	0.0413	0.0799	0.0085	0.01	0.0278	0.165	0.09
40097927	14CL0005	266	267.5	0.0856	0.081	0.0069	0.02	0.0328	0.26	0.2
40097928	14CL0005	267.5	269	0.1085	0.0952	0.0075	0.02	0.0491	0.289	0.22

40097929	14CL0005	269	270.5	0.0619	0.096	0.0082	0.022	0.0547	0.33	0.13
40097931	14CL0005	270.5	272	0.1485	0.134	0.0096	0.032	0.0635	0.355	0.37
40097932	14CL0005	272	273.5	0.106	0.0927	0.0076	0.017	0.0474	0.203	0.29
40097933	14CL0005	273.5	275	0.134	0.111	0.0088	0.033	0.0583	0.289	0.34
40097934	14CL0005	275	276.5	0.0158	0.041	0.0055	0.003	0.0026	0.008	0.04
40097935	14CL0005	276.5	278	0.225	0.183	0.01	0.047	0.0998	0.551	0.44
40097936	14CL0005	278	279.5	0.198	0.119	0.0077	0.039	0.102	0.499	0.37
40097937	14CL0005	279.5	281	0.0412	0.0554	0.0061	0.009	0.0346	0.128	0.09
40097938	14CL0005	281	282.5	0.1455	0.136	0.0099	0.031	0.0722	0.382	0.31
40097939	14CL0005	282.5	284	0.39	0.26	0.0113	0.079	0.183	0.973	0.79
40097941	14CL0005	284	285.5	0.135	0.12	0.0073	0.039	0.0732	0.484	0.31
40097942	14CL0005	285.5	287	0.474	0.283	0.0095	0.1	0.16	1.31	0.84
40097943	14CL0005	287	288.5	0.23	0.147	0.0073	0.05	0.0758	0.549	0.46
40097944	14CL0005	288.5	290	0.234	0.148	0.0072	0.06	0.126	0.702	0.59
40097945	14CL0005	290	291.5	0.228	0.135	0.0071	0.091	0.425	0.85	0.39
40097946	14CL0005	291.5	293	0.213	0.132	0.0064	0.058	0.0837	0.808	0.39
40097947	14CL0005	293	294.5	0.187	0.124	0.0061	0.054	0.182	0.828	0.35
40097948	14CL0005	294.5	296	0.376	0.244	0.009	0.08	0.17	1.07	0.63
40097949	14CL0005	296	297.5	0.315	0.16	0.0059	0.079	0.167	0.861	0.5
40097951	14CL0005	297.5	299	0.122	0.0768	0.0052	0.033	0.0634	0.359	0.18
40097952	14CL0005	299	300.5	0.0934	0.0796	0.0055	0.02	0.0431	0.277	0.18
40097953	14CL0005	300.5	302	0.493	0.254	0.0076	0.11	0.34	1.21	0.81
40097954	14CL0005	302	303	0.0893	0.057	0.005	0.026	0.0938	0.282	0.15
40097955	14CL0005	303	304.5	0.0956	0.0526	0.0046	0.028	0.0718	0.403	0.15
40097956	14CL0005	304.5	306	0.0485	0.0507	0.0052	0.016	0.0183	0.143	0.11
40097957	14CL0005	306	307.5	0.0363	0.0426	0.0048	0.012	0.0292	0.177	0.09
40097958	14CL0005	307.5	309	0.059	0.0518	0.0058	0.016	0.0226	0.107	0.12
40097959	14CL0005	309	310.5	0.09	0.0582	0.0059	0.017	0.0258	0.138	0.18
40097961	14CL0005	310.5	312	0.0166	0.0253	0.0054	0.003	0.0045	0.004	0.03
40097962	14CL0005	312	313.5	0.054	0.047	0.0055	0.012	0.0229	0.115	0.09
40097963	14CL0005	313.5	315	0.0488	0.0332	0.0049	0.006	0.0153	0.043	0.11
40097964	14CL0005	315	316.5	0.193	0.0992	0.0056	0.042	0.069	0.455	0.34
40097965	14CL0005	316.5	318	0.182	0.115	0.0058	0.069	0.136	0.953	0.36
40097966	14CL0005	318	319.5	0.477	0.261	0.0133	0.094	0.205	0.837	1.56
40097967	14CL0005	319.5	321	0.266	0.173	0.0121	0.063	0.0911	0.378	1.38
40097968	14CL0005	321	322.5	0.248	0.162	0.0137	0.047	0.0993	0.325	1.42
40097969	14CL0005	322.5	324	0.2	0.121	0.0099	0.052	0.1965	0.345	0.93
40097971	14CL0005	324	325.5	0.231	0.128	0.0085	0.048	0.0888	0.39	0.83
40097972	14CL0005	325.5	327	0.173	0.0882	0.0074	0.05	0.0778	0.334	0.53
40097973	14CL0005	327	328.5	0.663	0.3	0.0138	0.11	0.24	1.1	1.73
40097974	14CL0005	328.5	329	0.212	0.112	0.0072	0.049	0.0692	0.324	0.6
40097976	14CL0005	329	329.33	1.25	1.355	0.0707	0.126	0.0984	0.915	11.1
40097977	14CL0005	329.33	331	0.468	0.171	0.0095	0.104	0.1275	0.765	1.01
40097978	14CL0005	331	332.5	0.544	0.285	0.011	0.23	0.39	1.34	1.49
40097979	14CL0005	332.5	334	0.155	0.121	0.0069	0.035	0.0798	0.362	0.34
40097981	14CL0005	334	335.5	0.0986	0.0659	0.0057	0.02	0.034	0.204	0.15
40097982	14CL0005	335.5	337	0.479	0.227	0.0085	0.095	0.1475	0.956	0.78

40097983	14CL0005	337	338.5	0.327	0.157	0.0074	0.082	0.329	0.766	0.53
40097984	14CL0005	338.5	340	0.155	0.0821	0.0063	0.035	0.0533	0.384	0.28
40097985	14CL0005	340	341.5	0.157	0.0696	0.0057	0.043	0.0934	0.497	0.23
40097986	14CL0005	341.5	343	0.1	0.0588	0.0062	0.023	0.043	0.198	0.16
40097987	14CL0005	343	344.5	0.0954	0.0624	0.0066	0.023	0.0553	0.174	0.33
40097988	14CL0005	344.5	346	0.379	0.196	0.0122	0.071	0.177	0.637	1.45
40097989	14CL0005	346	347.69	0.198	0.1125	0.0084	0.035	0.0969	0.401	0.64
40097991	14CL0005	347.69	348	0.258	0.342	0.0283	0.034	0.074	0.336	4.6
40097992	14CL0005	348	349	0.361	0.1395	0.0078	0.066	0.199	0.695	0.6
40097993	14CL0005	349	350	0.197	0.0888	0.0078	0.04	0.0589	0.37	0.37
40097994	14CL0005	350	351.5	0.302	0.182	0.0156	0.054	0.0679	0.449	1.99
40097995	14CL0005	351.5	353	0.186	0.0872	0.009	0.037	0.0589	0.348	1.27
40097996	14CL0005	353	354.5	0.589	0.393	0.0434	0.107	0.186	0.743	7.66
40097997	14CL0005	354.5	356	0.356	0.201	0.0185	0.059	0.0966	0.441	2.29
40097998	14CL0005	356	357	0.378	0.1955	0.0174	0.076	0.13	0.605	2.31
40097999	14CL0005	357	358.5	0.191	0.1045	0.0093	0.041	0.0704	0.345	0.81
40209001	14CL0005	358.5	360	0.184	0.0823	0.0074	0.05	0.0935	0.351	0.61
40209002	14CL0005	360	361.5	0.072	0.036	0.0052	0.023	0.029	0.233	0.18
40209003	14CL0005	361.5	363	0.0599	0.0328	0.005	0.009	0.0181	0.08	0.14
40209004	14CL0005	363	364.5	0.0252	0.0224	0.0052	0.004	0.0087	0.028	0.08
40209005	14CL0005	364.5	366	0.0832	0.0469	0.0055	0.011	0.0102	0.137	0.14
40209006	14CL0005	366	367.03	0.14	0.073	0.0062	0.023	0.0523	0.244	0.26
40209007	14CL0005	367.03	367.33	0.787	0.681	0.0366	0.054	0.074	0.585	6.31
40209008	14CL0005	367.33	369	0.0714	0.0404	0.0055	0.01	0.0156	0.099	0.16
40209009	14CL0005	369	370.5	0.369	0.1455	0.0065	0.081	0.1435	0.728	0.67
40209011	14CL0005	370.5	372	0.517	0.2	0.0098	0.088	0.121	0.847	0.99
40209012	14CL0005	372	373.5	0.462	0.1815	0.0092	0.067	0.13	0.697	0.97
40209013	14CL0005	373.5	375	0.358	0.148	0.0082	0.054	0.1005	0.555	0.75
40209014	14CL0005	375	376.5	0.303	0.1185	0.0068	0.045	0.0679	0.467	0.57
40209015	14CL0005	376.5	378	0.365	0.1355	0.0079	0.041	0.176	0.478	0.74
40209016	14CL0005	378	379.5	0.415	0.186	0.0092	0.059	0.0922	0.653	1
40209017	14CL0005	379.5	381	0.353	0.132	0.0078	0.046	0.0805	0.462	0.71
40209018	14CL0005	381	382.5	0.371	0.143	0.0077	0.051	0.1225	0.572	0.76
40209019	14CL0005	382.5	384	0.13	0.0686	0.0065	0.018	0.031	0.165	0.3
40209021	14CL0005	384	385.5	0.101	0.0486	0.0057	0.018	0.0152	0.152	0.24
40209022	14CL0005	385.5	387	0.0362	0.0244	0.005	0.008	0.0151	0.059	0.1
40209023	14CL0005	387	388.5	0.0963	0.0446	0.0056	0.014	0.0304	0.117	0.19
40209024	14CL0005	388.5	390	0.0469	0.028	0.0052	0.008	0.0155	0.059	0.11
40209025	14CL0005	390	391.5	0.217	0.0962	0.0068	0.028	0.072	0.315	0.41
40209026	14CL0005	391.5	393	0.19	0.0515	0.0055	0.046	0.0535	0.146	0.29
40209027	14CL0005	393	394.66	0.184	0.0795	0.007	0.025	0.0452	0.206	0.36
40209028	14CL0005	394.66	394.97	2.62	0.866	0.052	0.55	0.55	4.14	9.02
40209029	14CL0005	394.97	395.69	0.37	0.133	0.0069	0.063	0.112	0.59	0.7
40209031	14CL0005	395.69	395.95	1.29	0.473	0.0274	0.41	0.77	2.73	4.55
40209032	14CL0005	395.95	396.48	0.0205	0.0385	0.0062	0.003	0.0069	0.017	0.08
40209033	14CL0005	396.48	396.76	0.689	0.621	0.0393	0.122	0.25	0.982	6.29
40209034	14CL0005	396.76	398	0.19	0.0661	0.0063	0.031	0.0313	0.258	0.37

40209035	14CL0005	398	399	0.201	0.0742	0.0063	0.029	0.0378	0.255	0.43
40209036	14CL0005	399	400.5	0.323	0.1255	0.0075	0.038	0.0592	0.402	0.69
40209037	14CL0005	400.5	402	0.246	0.0995	0.0069	0.032	0.0541	0.327	0.56
40209038	14CL0005	402	403.5	0.291	0.12	0.0067	0.041	0.0748	0.463	0.54
40209039	14CL0005	403.5	405	0.19	0.0824	0.0065	0.022	0.0412	0.225	0.41
40209041	14CL0005	405	406.5	0.223	0.105	0.0071	0.028	0.0518	0.3	0.55
40209042	14CL0005	406.5	408	0.242	0.0934	0.0067	0.029	0.0472	0.267	0.5
40209043	14CL0005	408	409.5	0.49	0.1785	0.0093	0.059	0.114	0.733	1.06
40209044	14CL0005	409.5	411	0.478	0.1775	0.0098	0.072	0.1085	0.662	1
40209045	14CL0005	411	412.5	0.188	0.0905	0.008	0.025	0.0335	0.243	0.61
40209046	14CL0005	412.5	414	0.275	0.1115	0.0087	0.033	0.0361	0.332	0.8
40209047	14CL0005	414	415.5	0.249	0.0985	0.0074	0.033	0.1245	0.343	0.52
40209048	14CL0005	415.5	417	0.105	0.0436	0.0058	0.015	0.031	0.122	0.23
40209049	14CL0005	417	418.5	0.155	0.0708	0.0067	0.022	0.0277	0.174	0.41
40209051	14CL0005	418.5	420	0.251	0.0971	0.0066	0.037	0.0901	0.367	0.79
40209052	14CL0005	420	421.14	0.179	0.0916	0.0114	0.019	0.0256	0.116	1.94
40209054	14CL0005	421.14	421.46	0.889	0.568	0.0617	0.047	0.0438	0.405	19
40209056	14CL0005	421.46	422.04	0.226	0.099	0.0106	0.027	0.0157	0.169	3.2
40209057	14CL0005	422.04	423.12	0.0402	0.0207	0.0033	0.007	0.0045	0.046	1.09
40209058	14CL0005	423.12	424.5	0.0063	0.0072	0.0018	0.001	0.001	0.001	0.33
40209059	14CL0005	424.5	426	0.0069	0.0087	0.0022	0.002	0.0013	0.001	0.98
40209061	14CL0005	426	429	0.0067	0.0079	0.0021	0.002	0.0012	0.001	0.71
40209062	14CL0005	429	432	0.0039	0.0062	0.0015	0.002	0.0009	0.0005	0.08
40209063	14CL0005	432	435	0.0083	0.0088	0.0023	0.002	0.0015	0.001	1.06
40209064	14CL0005	435	437.13	0.0108	0.0103	0.0028	0.002	0.0017	0.002	2.3
40209065	14CL0005	437.13	439	0.0247	0.0034	0.0038	0.004	0.0034	0.008	0.07
40209066	14CL0005	439	441	0.0218	0.0027	0.0035	0.003	0.0026	0.007	0.06
40209067	14CL0005	441	444	0.0213	0.0026	0.003	0.004	0.0028	0.007	0.06
40209068	14CL0005	444	447	0.0207	0.0025	0.003	0.004	0.0028	0.008	0.05
40209069	14CL0005	447	450	0.0199	0.002	0.0026	0.003	0.0026	0.008	0.06
40209071	14CL0005	450	453	0.0197	0.002	0.0025	0.003	0.0024	0.008	0.05
40209072	14CL0005	453	456	0.0193	0.002	0.0025	0.003	0.0026	0.007	0.1
40209073	14CL0005	456	459	0.02	0.0021	0.0027	0.003	0.0024	0.007	0.07
40209074	14CL0005	459	462	0.021	0.0022	0.0028	0.003	0.0029	0.008	0.07
40209075	14CL0005	462	465.59	0.0235	0.0024	0.0033	0.005	0.0037	0.01	0.09
40209076	14CL0005	465.59	468	0.0445	0.0021	0.0044	0.008	0.007	0.003	0.17
40209077	14CL0005	468	471	0.0394	0.0009	0.004	0.003	0.0031	0.0005	0.27
40209078	14CL0005	471	474	0.0427	0.0023	0.0044	0.011	0.0096	0.011	0.09
40209079	14CL0005	474	477.04	0.0341	0.0028	0.0042	0.005	0.0048	0.01	0.39
40209081	14CL0005	477.04	480	0.0289	0.0032	0.0041	0.004	0.004	0.008	0.09
40209082	14CL0005	480	483	0.0271	0.0033	0.0039	0.005	0.0038	0.009	0.06
40209083	14CL0005	483	486	0.0266	0.003	0.0037	0.004	0.0073	0.009	0.07
40209084	14CL0005	486	489	0.029	0.0041	0.0044	0.005	0.0042	0.011	0.08
40209085	14CL0005	489	492	0.0281	0.0039	0.0043	0.004	0.0039	0.007	0.05
40209086	14CL0005	492	495	0.0273	0.0036	0.0039	0.004	0.0039	0.009	0.16
40209087	14CL0005	495	498	0.018	0.0033	0.0037	0.002	0.0035	0.009	0.15
40209088	14CL0005	498	501	0.0289	0.0044	0.0045	0.002	0.0042	0.01	0.29

40209089	14CL0005	501	504	0.0276	0.0051	0.0043	0.003	0.0043	0.016	0.27
40209091	14CL0005	504	505.94	0.0244	0.0065	0.005	0.002	0.0054	0.016	0.4
40209092	14CL0005	505.94	507	0.0139	0.0135	0.0031	0.002	0.0021	0.003	2.27
40209093	14CL0005	507	510	0.0055	0.0086	0.0023	0.001	0.0013	0.002	0.58
40209094	14CL0005	510	513	0.0033	0.0065	0.0019	0.001	0.001	0.001	0.17
40209095	14CL0005	513	516	0.0091	0.0092	0.0024	0.002	0.0016	0.002	1.79
40209096	14CL0005	516	519	0.0038	0.0059	0.0018	0.001	0.0013	0.001	0.53
40209097	14CL0005	519	522	0.0063	0.0089	0.0025	0.002	0.0014	0.002	1.32
40209098	14CL0005	522	525	0.0058	0.0082	0.0023	0.002	0.0013	0.002	0.93
40209099	14CL0005	525	528	0.0088	0.0103	0.0028	0.003	0.0017	0.003	2.24
40209101	14CL0005	528	531	0.0072	0.0095	0.0025	0.002	0.0015	0.002	0.98
40209102	14CL0005	531	534	0.0076	0.009	0.002	0.003	0.0014	0.002	1.23
40209103	14CL0005	534	537	0.0084	0.0101	0.0027	0.003	0.0017	0.003	1.71
40209104	14CL0005	537	540	0.0068	0.0068	0.002	0.002	0.001	0.002	1.12
40209105	14CL0005	540	543	0.007	0.0091	0.0022	0.002	0.0014	0.002	1.23
40209106	14CL0005	543	546	0.0072	0.0092	0.0027	0.004	0.0014	0.002	1.79
40209107	14CL0005	546	549	0.0063	0.0088	0.0024	0.001	0.0013	0.002	1.13
40209108	14CL0005	549	552	0.0064	0.0084	0.0023	0.002	0.0013	0.002	1.04
40209109	14CL0005	552	553.76	0.0062	0.0086	0.0023	0.002	0.0012	0.002	1.01
40209111	14CL0005	553.76	555	0.0212	0.0073	0.0044	0.003	0.0023	0.008	0.2
40209112	14CL0005	555	558	0.0236	0.0058	0.0047	0.004	0.0025	0.01	0.09
40209113	14CL0005	558	561	0.0285	0.0051	0.0047	0.005	0.0029	0.012	0.07
40209114	14CL0005	561	564	0.028	0.0061	0.0052	0.004	0.0029	0.011	0.04
40209115	14CL0005	564	567	0.0261	0.0082	0.0055	0.004	0.0027	0.011	0.03
40209116	14CL0005	567	570	0.0258	0.0083	0.0056	0.004	0.0028	0.011	0.04
40209117	14CL0005	570	573	0.027	0.0085	0.0056	0.004	0.0028	0.011	0.04
40209118	14CL0005	573	576	0.0246	0.0123	0.0059	0.004	0.0026	0.014	0.16
40209119	14CL0005	576	579	0.0259	0.0099	0.0055	0.004	0.0026	0.011	0.08
40209121	14CL0005	579	582	0.0252	0.0071	0.0051	0.004	0.0026	0.01	0.1
40209122	14CL0005	582	584.5	0.0264	0.0079	0.0055	0.004	0.0027	0.011	0.05
40209123	14CL0005	584.5	586.81	0.0263	0.0082	0.0054	0.004	0.0028	0.011	0.07
40209124	14CL0005	586.81	588	0.0111	0.0096	0.0032	0.003	0.0017	0.003	1.37
40209125	14CL0005	588	591	0.0065	0.0094	0.0025	0.002	0.0013	0.002	1.23
40209126	14CL0005	591	594	0.0056	0.008	0.0021	0.001	0.0012	0.002	0.67
40209127	14CL0005	594	597	0.0069	0.009	0.0022	0.002	0.0013	0.002	1.2
40209128	14CL0005	597	600	0.0085	0.0091	0.0025	0.003	0.0015	0.002	1.67
40209129	14CL0005	600	603	0.0074	0.0084	0.0023	0.003	0.0013	0.002	1.3
40209131	14CL0005	603	606	0.0079	0.0084	0.0022	0.004	0.0016	0.002	1.5
40209132	14CL0005	606	609	0.008	0.0088	0.0024	0.003	0.0014	0.002	1.4
40209133	14CL0005	609	612	0.0079	0.0083	0.0025	0.003	0.0014	0.002	1.63
40209134	14CL0005	612	615	0.0087	0.0091	0.0024	0.003	0.0015	0.002	1.31
40209135	14CL0005	615	618	0.0069	0.0081	0.0021	0.002	0.0012	0.002	0.61
40209136	14CL0005	618	621	0.01	0.009	0.0025	0.003	0.0016	0.003	1.07
40209137	14CL0005	621	624	0.0074	0.0083	0.0022	0.002	0.0012	0.002	1.1
40209138	14CL0005	624	627	0.0087	0.0088	0.0023	0.003	0.0016	0.002	1.32
40209139	14CL0005	627	630	0.0075	0.0087	0.0023	0.003	0.0013	0.002	1.14
40209141	14CL0005	630	633	0.0063	0.0082	0.0022	0.002	0.0012	0.002	0.86

40209142	14CL0005	633	636	0.0083	0.0089	0.0023	0.003	0.0018	0.002	1.28
40209143	14CL0005	636	639	0.0074	0.0087	0.0023	0.003	0.0014	0.002	1.69
40209144	14CL0005	639	642	0.0072	0.0094	0.0025	0.003	0.0014	0.002	1.55
40209145	14CL0005	642	645	0.0066	0.0091	0.0023	0.002	0.0013	0.002	1.5
40209146	14CL0005	645	648	0.0049	0.0076	0.002	0.002	0.0016	0.002	1.12
40209147	14CL0005	648	651	0.0059	0.0082	0.0019	0.002	0.0013	0.002	0.92
40209148	14CL0005	651	653.29	0.0057	0.0083	0.002	0.002	0.0012	0.002	0.7
40209149	14CL0005	653.29	654.74	0.0271	0.0072	0.0054	0.004	0.0027	0.011	0.14
40209151	14CL0005	654.74	657	0.0072	0.0086	0.0023	0.003	0.0014	0.002	0.75
40209152	14CL0005	657	660	0.0066	0.0083	0.0021	0.002	0.0013	0.002	0.63
40209153	14CL0005	660	663	0.0061	0.0083	0.0021	0.002	0.0013	0.002	0.29
40209154	14CL0005	663	666	0.0062	0.0083	0.0022	0.002	0.0012	0.001	0.23
40209155	14CL0005	666	669	0.0055	0.0083	0.0022	0.002	0.0012	0.001	0.24
40209156	14CL0005	669	672	0.0063	0.0086	0.0023	0.002	0.0013	0.001	0.32
40209157	14CL0005	672	675	0.0063	0.0091	0.0023	0.003	0.0014	0.001	0.81
40209158	14CL0005	675	678	0.0069	0.0092	0.0024	0.003	0.0014	0.001	0.72
40209159	14CL0005	678	681	0.0063	0.0091	0.0023	0.003	0.0014	0.001	0.47
40209161	14CL0005	681	684	0.0059	0.0084	0.0021	0.002	0.0013	0.001	0.3
40209162	14CL0005	684	687	0.0065	0.0087	0.0022	0.002	0.0013	0.001	0.34
40209163	14CL0005	687	690	0.0058	0.0089	0.0022	0.002	0.0014	0.001	0.35
40209164	14CL0005	690	693	0.0063	0.0092	0.0022	0.002	0.0014	0.001	0.28
40209165	14CL0005	693	696	0.0114	0.0104	0.0027	0.004	0.0019	0.001	1.97
40209166	14CL0005	696	699	0.0158	0.0131	0.0032	0.004	0.0022	0.002	5.58
40209167	14CL0005	699	702	0.0145	0.0145	0.0031	0.004	0.0021	0.002	5.13
40209168	14CL0005	702	705	0.013	0.014	0.0028	0.004	0.002	0.002	3.87
40209169	14CL0005	705	708	0.0133	0.0162	0.0026	0.004	0.0018	0.002	3.63
40209171	14CL0005	708	711	0.0118	0.0142	0.0026	0.004	0.0019	0.001	3.61
40209172	14CL0005	711	714	0.0113	0.0141	0.0027	0.004	0.002	0.003	3.54
40209173	14CL0005	714	717	0.0113	0.0122	0.003	0.004	0.002	0.003	4.12
40209174	14CL0005	717	720	0.0111	0.0145	0.003	0.004	0.0018	0.003	3.87
40209175	14CL0005	720	723	0.0112	0.0139	0.0027	0.004	0.0022	0.003	3.83
40209176	14CL0005	723	726	0.0115	0.0128	0.0028	0.004	0.002	0.003	2.88
40209177	14CL0005	726	729	0.0113	0.0129	0.0027	0.005	0.0021	0.003	4.88
40209178	14CL0005	729	732	0.0142	0.014	0.0027	0.005	0.0024	0.003	4.77
40209179	14CL0005	732	735	0.0168	0.0138	0.0028	0.005	0.0024	0.004	4.63
40209181	14CL0005	735	738	0.019	0.0162	0.0025	0.006	0.0033	0.005	4.28
40209182	14CL0005	738	741	0.0182	0.0141	0.0023	0.007	0.0036	0.005	3.66
40209183	14CL0005	741	744	0.0162	0.0144	0.0022	0.004	0.0026	0.003	5.08
40209184	14CL0005	744	747	0.0149	0.014	0.0018	0.004	0.0017	0.003	4.79
40209185	14CL0005	747	750	0.0154	0.0127	0.0016	0.004	0.0022	0.003	3.59
40209186	14CL0005	750	752	0.0167	0.0129	0.0016	0.004	0.0027	0.003	2.87
40209187	14CL0005	752	753.52	0.0159	0.0129	0.0013	0.005	0.0022	0.003	2.04
40209188	14CL0005	753.52	756	0.023	0.0142	0.0047	0.004	0.0086	0.011	0.96
40209189	14CL0005	756	759	0.0223	0.0134	0.0047	0.004	0.0086	0.011	0.34
40209191	14CL0005	759	762	0.0241	0.0141	0.0053	0.004	0.0087	0.011	0.5
40209192	14CL0005	762	765	0.0224	0.0138	0.0049	0.004	0.0083	0.01	0.4
40209193	14CL0005	765	768	0.0223	0.0134	0.0048	0.004	0.0081	0.01	0.26

40209194	14CL0005	768	771	0.0233	0.0142	0.005	0.004	0.0087	0.011	0.4
40209195	14CL0005	771	772.26	0.0232	0.0142	0.005	0.004	0.0081	0.011	0.49
40209196	14CL0005	772.26	774	0.0198	0.0081	0.0022	0.007	0.0041	0.006	0.78
40209197	14CL0005	774	777	0.0142	0.0059	0.0011	0.007	0.0024	0.004	0.53
40209198	14CL0005	777	780	0.0189	0.0098	0.0015	0.014	0.0083	0.006	1.08
40209199	14CL0005	780	782	0.0179	0.0101	0.0015	0.011	0.0032	0.005	0.88
40209201	14CL0005	782	783.6	0.0166	0.0115	0.0015	0.009	0.0031	0.005	1.61
40209202	14CL0005	783.6	784.61	0.0015	0.0025	0.0007	0.002	0.0006	0.001	2.26
40209203	14CL0005	784.61	786	0.0105	0.0068	0.0013	0.004	0.002	0.003	1.94
40209204	14CL0005	786	789	0.0079	0.008	0.0014	0.003	0.0018	0.003	0.81
40209205	14CL0005	789	792	0.0079	0.008	0.0014	0.004	0.0019	0.003	0.72
40209206	14CL0005	792	795	0.0068	0.0072	0.0014	0.003	0.0018	0.003	0.78
40209207	14CL0005	795	798	0.005	0.0049	0.001	0.003	0.0011	0.002	0.45
40209208	14CL0005	798	801	0.0107	0.01	0.0016	0.004	0.0022	0.003	1.06
40233977	CRLK-140	371.47	374	0.0104	0.0452	0.0059	0.004	0.0129	0.026	0.04
40233978	CRLK-140	374	377	0.0242	0.0268	0.0052	0.003	0.0036	0.006	0.07
40233979	CRLK-140	377	379.48	0.0132	0.0473	0.0065	0.006	0.0195	0.062	0.04
40233981	CRLK-140	379.48	381	0.122	0.107	0.0085	0.063	0.1165	0.414	0.16
40233982	CRLK-140	381	384	0.158	0.109	0.0069	0.051	0.1205	0.47	0.27
40233983	CRLK-140	384	387	0.241	0.147	0.0081	0.067	0.1495	0.508	0.57
40233984	CRLK-140	387	390	0.26	0.169	0.0104	0.054	0.1045	0.4	0.93
40233985	CRLK-140	390	393	0.212	0.127	0.0113	0.043	0.0906	0.334	1.2
40233986	CRLK-140	393	396	0.1615	0.086	0.0143	0.031	0.0505	0.253	1.27
40233987	CRLK-140	396	399	0.1165	0.0622	0.0099	0.023	0.0473	0.174	1.02
40233988	CRLK-140	399	402	0.1885	0.0994	0.0082	0.041	0.0665	0.302	1.38
40233989	CRLK-140	402	405	0.0777	0.0356	0.0044	0.015	0.0243	0.115	0.42
40233991	CRLK-140	405	408	0.0294	0.0146	0.0033	0.007	0.0111	0.051	0.24
40233992	CRLK-140	408	411	0.0133	0.0057	0.0029	0.005	0.0052	0.023	0.16
40233993	CRLK-140	411	414	0.0141	0.0034	0.0023	0.004	0.0033	0.011	0.05
40233994	CRLK-140	414	417	0.0154	0.0043	0.0027	0.006	0.0041	0.014	0.1
40233995	CRLK-140	417	420	0.0281	0.01	0.0045	0.007	0.0073	0.029	0.27
40233996	CRLK-140	420	423	0.01	0.0043	0.0041	0.004	0.0053	0.014	0.1
40233997	CRLK-140	423	426	0.004	0.0011	0.004	0.001	0.0024	0.007	0.07
40233998	CRLK-140	426	429	0.0119	0.0055	0.0052	0.003	0.0043	0.01	0.35
40233999	CRLK-140	429	432	0.0222	0.0117	0.0071	0.006	0.0058	0.015	0.76
40234001	CRLK-140	432	435	0.0802	0.0318	0.007	0.011	0.0144	0.054	0.22
40234002	CRLK-140	435	438	0.146	0.0528	0.009	0.021	0.0333	0.125	1.04
40234003	CRLK-140	438	441	0.148	0.0626	0.0108	0.019	0.0204	0.06	0.89
40234004	CRLK-140	441	444	0.0723	0.0316	0.0089	0.011	0.0088	0.052	0.43
40234005	CRLK-140	444	447	0.225	0.0991	0.0169	0.042	0.0659	0.204	1.68
40234006	CRLK-140	447	450	0.1505	0.0762	0.0135	0.028	0.0385	0.131	1.61
40234007	CRLK-140	450	453	0.1195	0.0688	0.0124	0.014	0.0127	0.039	1.22
40234008	CRLK-140	453	456	0.0897	0.049	0.0143	0.021	0.0206	0.069	1.55
40234009	CRLK-140	456	459	0.123	0.0688	0.0116	0.017	0.0263	0.065	1.3
40234011	CRLK-140	459	462	0.167	0.0923	0.0133	0.032	0.0534	0.122	1.39
40234012	CRLK-140	462	465	0.23	0.103	0.0139	0.042	0.0728	0.177	1.56
40234013	CRLK-140	465	468	0.0732	0.0438	0.014	0.018	0.0242	0.068	1.42

40234014	CRLK-140	468	471	0.0774	0.0468	0.0105	0.015	0.0262	0.075	0.81
40234015	CRLK-140	471	474	0.1115	0.0809	0.0065	0.009	0.0466	0.11	0.33
40234016	CRLK-140	474	477	0.0048	0.0301	0.004	0.002	0.0064	0.01	0.06
40234017	CRLK-140	477	480	0.0076	0.0224	0.0038	0.002	0.0053	0.009	0.04
40234018	CRLK-140	480	482	0.0101	0.0241	0.0043	0.003	0.0054	0.012	0.04
40234019	CRLK-140	482	485	0.0105	0.0184	0.0039	0.003	0.0056	0.01	0.04
40234022	CRLK-140	485	488	0.0113	0.0184	0.0039	0.002	0.0052	0.009	0.04
40234023	CRLK-140	488	491	0.0106	0.0234	0.0044	0.002	0.0062	0.012	0.04
40234024	CRLK-140	491	494	0.0095	0.0203	0.0039	0.002	0.0056	0.011	0.03
40234025	CRLK-140	494	497	0.0108	0.0186	0.0039	0.002	0.0067	0.014	0.03
40234026	CRLK-140	497	500	0.0113	0.0354	0.0053	0.002	0.0056	0.011	0.04
40234027	CRLK-140	500	503	0.0108	0.0549	0.007	0.002	0.0051	0.01	0.04
40234028	CRLK-140	503	506	0.0085	0.0677	0.0078	0.002	0.0047	0.008	0.04
40234029	CRLK-140	506	509	0.0095	0.0509	0.0063	0.002	0.0038	0.008	0.04
40234031	CRLK-140	509	512	0.0092	0.0452	0.0058	0.002	0.0035	0.007	0.04
40234032	CRLK-140	512	515	0.007	0.0483	0.0056	0.001	0.0028	0.006	0.03
40234033	CRLK-140	515	518	0.0082	0.0656	0.0077	0.002	0.0039	0.007	0.04
40234034	CRLK-140	518	521	0.0081	0.0585	0.0069	0.002	0.004	0.008	0.04
40234035	CRLK-140	521	524	0.0089	0.0583	0.0068	0.002	0.004	0.008	0.03
40234036	CRLK-140	524	527	0.0082	0.0597	0.0069	0.002	0.0041	0.009	0.04
40234037	CRLK-140	527	530	0.008	0.0584	0.0069	0.002	0.0037	0.008	0.03
40234038	CRLK-140	530	533	0.0083	0.0607	0.0071	0.002	0.0036	0.008	0.03
40234039	CRLK-140	533	536	0.0081	0.062	0.0071	0.002	0.0036	0.007	0.03
40234041	CRLK-140	536	539	0.0078	0.0646	0.0075	0.002	0.0036	0.007	0.03
40234042	CRLK-140	539	542	0.0073	0.0642	0.0072	0.002	0.0033	0.007	0.03
40234043	CRLK-140	542	545	0.0077	0.0618	0.0072	0.002	0.0036	0.007	0.03
40234044	CRLK-140	545	548	0.0076	0.0669	0.0075	0.002	0.004	0.013	0.03
40234045	CRLK-140	548	551	0.0077	0.0632	0.0069	0.002	0.0038	0.01	0.03
40234046	CRLK-140	551	554	0.0081	0.0678	0.0071	0.002	0.0035	0.008	0.04
40234047	CRLK-140	554	557	0.0082	0.0743	0.0077	0.002	0.004	0.008	0.04
40234048	CRLK-140	557	560	0.0083	0.0756	0.008	0.002	0.0038	0.007	0.04
40234049	CRLK-140	560	563	0.0075	0.0588	0.0061	0.001	0.0028	0.005	0.03
40234051	CRLK-140	563	566	0.0087	0.0521	0.0057	0.002	0.0029	0.006	0.03
40234052	CRLK-140	566	569	0.0077	0.0563	0.0062	0.002	0.0036	0.008	0.04
40234053	CRLK-140	569	572	0.0082	0.0693	0.0072	0.002	0.0025	0.006	0.03
40234054	CRLK-140	572	575	0.0079	0.0753	0.0078	0.004	0.0028	0.006	0.03
40234055	CRLK-140	575	578	0.0084	0.0766	0.0079	0.002	0.0035	0.005	0.03
40234056	CRLK-140	578	581	0.0081	0.0704	0.0075	0.002	0.0036	0.005	0.03
40234057	CRLK-140	581	584	0.0089	0.0754	0.0079	0.002	0.0036	0.004	0.03
40234058	CRLK-140	584	587	0.0092	0.0742	0.0075	0.001	0.0024	0.003	0.03
40234059	CRLK-140	587	590	0.0099	0.066	0.007	0.002	0.0023	0.002	0.03
40234061	CRLK-140	590	593	0.0097	0.0683	0.0071	0.001	0.0022	0.003	0.04
40234062	CRLK-140	593	596	0.0115	0.0573	0.0063	0.001	0.0018	0.005	0.03
40234063	CRLK-140	596	599	0.0142	0.0697	0.0073	0.003	0.0062	0.02	0.05
40234064	CRLK-140	599	602	0.0143	0.0827	0.0084	0.004	0.008	0.036	0.04
40234065	CRLK-140	602	605	0.009	0.0485	0.0057	0.002	0.0036	0.007	0.03
40234066	CRLK-140	605	608	0.0087	0.0529	0.0059	0.002	0.0044	0.007	0.04

40234067	CRLK-140	608	611	0.0088	0.0565	0.0062	0.002	0.0034	0.007	0.03
40234068	CRLK-140	611	614	0.011	0.056	0.0061	0.002	0.0033	0.01	0.04
40234069	CRLK-140	614	617	0.0106	0.0622	0.0067	0.002	0.0046	0.018	0.03
40234071	CRLK-140	617	620	0.0081	0.0541	0.006	0.002	0.0034	0.011	0.03
40234072	CRLK-140	620	623	0.0084	0.0523	0.0059	0.002	0.0039	0.009	0.03
40234073	CRLK-140	623	626	0.0087	0.0599	0.0067	0.002	0.0042	0.01	0.03
40234074	CRLK-140	626	629	0.0091	0.0543	0.006	0.002	0.0041	0.011	0.03
40234075	CRLK-140	629	632	0.0115	0.0574	0.0058	0.004	0.0101	0.044	0.04
40234076	CRLK-140	632	635	0.0087	0.0486	0.0056	0.002	0.0046	0.011	0.04
40234077	CRLK-140	635	638	0.0093	0.0495	0.0056	0.002	0.0049	0.011	0.04
40234078	CRLK-140	638	641	0.0095	0.0469	0.0056	0.002	0.0058	0.022	0.04
40234079	CRLK-140	641	644	0.0102	0.049	0.0057	0.002	0.0047	0.01	0.03
40234081	CRLK-140	644	647	0.0103	0.0556	0.0063	0.002	0.005	0.012	0.04
40234082	CRLK-140	647	650	0.0107	0.0532	0.0062	0.002	0.006	0.013	0.04
40234083	CRLK-140	650	653	0.0108	0.06	0.0067	0.002	0.0057	0.015	0.03
40234084	CRLK-140	653	656	0.0107	0.0466	0.0058	0.002	0.0061	0.014	0.04
40234085	CRLK-140	656	659	0.0113	0.0532	0.0063	0.002	0.0062	0.011	0.04
40234086	CRLK-140	659	662	0.0123	0.0411	0.0055	0.002	0.0058	0.013	0.05
40234087	CRLK-140	662	665	0.0121	0.0342	0.0051	0.002	0.0051	0.007	0.05
40234088	CRLK-140	665	668	0.0091	0.0415	0.0055	0.002	0.0088	0.021	0.04
40234089	CRLK-140	668	671	0.0258	0.0761	0.0084	0.007	0.018	0.116	0.09
40234091	CRLK-140	671	674	0.0689	0.0842	0.0074	0.012	0.0232	0.106	0.21
40234092	CRLK-140	674	677	0.0087	0.0411	0.0059	0.001	0.0035	0.007	0.06
40234093	CRLK-140	677	680.62	0.0128	0.0405	0.0057	0.002	0.0068	0.012	0.05
40234094	CRLK-140	680.62	683	0.0098	0.0366	0.0056	0.002	0.0041	0.009	0.04
40234095	CRLK-140	683	686	0.0178	0.0421	0.0056	0.003	0.0063	0.023	0.07
40234096	CRLK-140	686	689	0.0261	0.0412	0.0056	0.005	0.0125	0.072	0.07
40234097	CRLK-140	689	692	0.0199	0.0325	0.0056	0.003	0.0045	0.024	0.08
40234098	CRLK-140	692	695	0.0775	0.0666	0.0065	0.012	0.0339	0.148	0.19
40234099	CRLK-140	695	698	0.0264	0.0453	0.0066	0.005	0.0129	0.059	0.09
40234101	CRLK-140	698	701	0.032	0.0446	0.0061	0.006	0.0125	0.051	0.08
40234102	CRLK-140	701	704	0.0436	0.0571	0.0069	0.009	0.0202	0.115	0.1
40234103	CRLK-140	704	707	0.317	0.146	0.0071	0.06	0.113	0.625	0.57
40234104	CRLK-140	707	710	0.436	0.245	0.0092	0.073	0.145	0.794	0.79
40234105	CRLK-140	710	713	0.0973	0.0762	0.0063	0.019	0.0468	0.229	0.19
40234106	CRLK-140	713	716	0.1495	0.0792	0.0058	0.034	0.0628	0.28	0.27
40234107	CRLK-140	716	719	0.104	0.0611	0.006	0.022	0.129	0.199	0.27
40234108	CRLK-140	719	722	0.06	0.0444	0.0055	0.012	0.024	0.109	0.16
40234109	CRLK-140	722	725	0.114	0.0839	0.0092	0.018	0.0205	0.121	0.71
40234111	CRLK-140	725	728	0.217	0.138	0.0149	0.036	0.0527	0.218	1.84
40234112	CRLK-140	728	731	0.246	0.121	0.0079	0.042	0.0435	0.348	0.7
40234113	CRLK-140	731	734	0.111	0.0618	0.0067	0.017	0.0403	0.151	0.41
40234114	CRLK-140	734	737	0.165	0.0987	0.0099	0.024	0.029	0.19	0.92
40234115	CRLK-140	737	740	0.1495	0.0783	0.0074	0.02	0.0302	0.146	0.54
40234116	CRLK-140	740	743	0.372	0.206	0.0138	0.058	0.0923	0.468	1.68
40234117	CRLK-140	743	746	0.341	0.1815	0.0148	0.052	0.0862	0.407	2.1
40234118	CRLK-140	746	749	0.375	0.1895	0.0143	0.064	0.0945	0.503	2.02

40234119	CRLK-140	749	752	0.441	0.1895	0.0141	0.078	0.132	0.633	1.9
40234121	CRLK-140	752	754	0.1625	0.0861	0.0097	0.024	0.0294	0.209	1.07
40234122	CRLK-140	754	756.63	0.0409	0.03	0.0056	0.007	0.013	0.054	0.31
40234123	CRLK-140	756.63	758	0.0661	0.0282	0.003	0.006	0.0081	0.032	3.52
40234124	CRLK-140	758	760.63	0.0596	0.0295	0.0032	0.009	0.0104	0.043	3.97
40234125	CRLK-140	760.63	760.93	0.864	0.548	0.0539	0.095	0.197	0.974	15.3
40234126	CRLK-140	760.93	763	0.0439	0.031	0.0034	0.01	0.0148	0.044	3.93
40234127	CRLK-140	763	766	0.0547	0.0264	0.0032	0.009	0.0081	0.032	3.35
40234128	CRLK-140	766	769	0.0587	0.0341	0.0035	0.01	0.0085	0.031	3.25
40234129	CRLK-140	769	772	0.095	0.0463	0.0047	0.015	0.0141	0.061	3.51
40234131	CRLK-140	772	775	0.108	0.0824	0.0061	0.025	0.0216	0.148	2.59
40234132	CRLK-140	775	778	0.0393	0.025	0.0015	0.012	0.0079	0.025	1.69
40234133	CRLK-140	778	781	0.0231	0.0118	0.0011	0.009	0.0025	0.015	1.55
40234134	CRLK-140	781	784	0.0084	0.0042	0.0007	0.005	0.0013	0.002	0.85
40234135	CRLK-140	784	785.47	0.0117	0.0051	0.001	0.006	0.0017	0.003	0.86
40233839	CRLK-72-10	1.22	4.27	0.1875	0.1275	0.0098	0.027	0.0839	0.189	0.8
40233841	CRLK-72-10	4.27	7.32	0.235	0.1445	0.011	0.038	0.0742	0.356	0.93
40233842	CRLK-72-10	7.32	10.36	0.189	0.1005	0.0063	0.032	0.0382	0.3	0.57
40233843	CRLK-72-10	10.36	13.41	0.0784	0.056	0.009	0.013	0.0361	0.06	1.04
40233844	CRLK-72-10	13.41	16.46	0.0499	0.0429	0.0088	0.009	0.02	0.037	0.82
40233845	CRLK-72-10	16.46	19.51	0.0652	0.0487	0.0059	0.014	0.0281	0.15	0.17
40233846	CRLK-72-10	19.51	22.56	0.1155	0.0866	0.0072	0.016	0.0229	0.183	0.5
40233847	CRLK-72-10	22.56	25.6	0.0819	0.0659	0.0061	0.031	0.0535	0.418	0.21
40233848	CRLK-72-10	25.6	28.65	0.243	0.1085	0.0077	0.053	0.163	0.659	0.62
40233849	CRLK-72-10	28.65	31.7	0.896	0.44	0.0113	0.21	0.5	2.31	1.56
40233851	CRLK-72-10	31.7	34.75	0.937	0.436	0.0112	0.22	0.75	2.36	1.6
40233852	CRLK-72-10	34.75	37.8	0.571	0.246	0.01	0.15	0.42	1.36	1.22
40233853	CRLK-72-10	37.8	40.84	0.362	0.118	0.0102	0.092	0.321	0.737	1.23
40233854	CRLK-72-10	40.84	43.89	0.401	0.1905	0.0127	0.075	0.0646	0.708	1.88
40233855	CRLK-72-10	43.89	46.94	0.163	0.068	0.0058	0.039	0.0856	0.352	0.25
40233856	CRLK-72-10	46.94	49.99	0.03	0.0233	0.0052	0.005	0.0103	0.032	0.13
40233857	CRLK-72-10	49.99	53.04	0.421	0.163	0.01	0.062	0.12	0.527	1.05
40233858	CRLK-72-10	53.04	57.3	0.258	0.113	0.0093	0.04	0.071	0.287	1.03
40233859	CRLK-72-10	57.3	60.96	0.006	0.006	0.0017	0.002	0.0013	0.002	0.07
40233861	CRLK-74-4	0.24	2.74	0.0118	0.0232	0.0045	0.002	0.0031	0.005	0.04
40233862	CRLK-74-4	2.74	5.8	0.013	0.0225	0.0048	0.002	0.0023	0.006	0.05
40233863	CRLK-74-4	5.8	8.53	0.0084	0.0218	0.0047	0.002	0.0019	0.003	0.04
40233864	CRLK-74-4	8.53	11.28	0.012	0.0358	0.0055	0.002	0.0053	0.008	0.04
40233865	CRLK-74-4	11.28	14.33	0.013	0.0434	0.0065	0.003	0.003	0.007	0.04
40233866	CRLK-74-4	14.33	17.37	0.0144	0.0411	0.0063	0.002	0.0048	0.008	0.05
40233867	CRLK-74-4	17.37	20.42	0.0167	0.0513	0.0068	0.004	0.0081	0.039	0.05
40233868	CRLK-74-4	20.42	23.47	0.275	0.1695	0.0088	0.045	0.0981	0.393	0.63
40233869	CRLK-74-4	23.47	26.52	0.0176	0.0497	0.0064	0.004	0.0054	0.018	0.06
40233871	CRLK-74-4	26.52	29.57	0.0144	0.0445	0.0063	0.003	0.0066	0.013	0.09
40233872	CRLK-74-4	29.57	32.62	0.0206	0.0407	0.0059	0.005	0.016	0.017	0.06
40233873	CRLK-74-4	32.62	33.22	0.0154	0.0351	0.0059	0.003	0.0066	0.006	0.05
40233874	CRLK-74-4	33.22	35.66	0.0341	0.0403	0.0058	0.006	0.0111	0.045	0.09

40233875	CRLK-74-4	35.66	38.71	0.0597	0.0724	0.0079	0.015	0.0357	0.166	0.11
40233876	CRLK-74-4	38.71	42.06	0.0797	0.076	0.0072	0.029	0.0399	0.274	0.14
40233877	CRLK-74-4	42.06	45.11	0.172	0.0989	0.0067	0.044	0.131	0.402	0.31
40233878	CRLK-74-4	45.11	48.16	0.267	0.126	0.0061	0.082	0.176	0.899	0.42
40233879	CRLK-74-4	48.16	51.21	0.0302	0.0258	0.0053	0.007	0.0072	0.056	0.08
40233881	CRLK-74-4	51.21	54.25	0.453	0.268	0.0106	0.08	0.14	1.03	1.18
40233882	CRLK-74-4	54.25	57.3	0.927	0.322	0.0099	0.2	0.55	1.91	1.43
40233883	CRLK-74-4	57.3	60.35	0.601	0.264	0.0083	0.16	0.29	1.42	0.94
40233884	CRLK-74-4	60.35	63.4	0.691	0.333	0.0111	0.14	0.23	1.49	1.12
40233885	CRLK-74-4	63.4	66.45	0.501	0.261	0.0095	0.12	0.28	1.24	0.99
40233886	CRLK-74-4	66.45	69.49	0.724	0.355	0.0103	0.17	0.19	1.72	1.32
40233887	CRLK-74-4	69.49	72.54	1.095	0.506	0.0115	0.21	0.37	2.53	1.69
40233888	CRLK-74-4	72.54	75.59	0.434	0.198	0.0078	0.096	0.154	0.982	0.73
40233889	CRLK-74-4	75.59	78.64	0.478	0.193	0.0087	0.14	0.16	1.22	0.88
40233891	CRLK-74-4	78.64	81.69	0.236	0.1285	0.0102	0.051	0.0857	0.466	0.88
40233892	CRLK-74-4	81.69	84.73	0.31	0.1655	0.0159	0.068	0.124	0.528	1.83
40233893	CRLK-74-4	84.73	87.78	0.805	0.713	0.12	0.053	0.0734	0.299	26.6
40233894	CRLK-74-4	87.78	90.83	0.458	0.205	0.0149	0.096	0.248	0.858	1.92
40233895	CRLK-74-4	90.83	93.88	0.465	0.1935	0.0117	0.084	0.243	0.845	1.36
40233896	CRLK-74-4	93.88	96.93	0.0436	0.0329	0.0053	0.009	0.0177	0.07	0.09
40233897	CRLK-74-4	96.93	99.97	0.0415	0.0361	0.0058	0.006	0.0116	0.058	0.16
40233898	CRLK-74-4	99.97	102.72	0.189	0.0905	0.0095	0.031	0.0599	0.214	0.84
40233899	CRLK-74-4	102.72	105.16	0.0295	0.0195	0.0034	0.004	0.0045	0.021	0.12
40233901	CRLK-74-4	105.16	107.9	0.0013	0.005	0.0013	0.002	0.0008	0.001	0.01
40233801	CRLK-74-5	1.22	4	0.0121	0.0453	0.0064	0.002	0.0053	0.014	0.04
40233802	CRLK-74-5	4	7	0.0409	0.0677	0.0078	0.004	0.0116	0.03	0.07
40233803	CRLK-74-5	7	10	0.0345	0.0721	0.0088	0.011	0.0284	0.15	0.08
40233804	CRLK-74-5	10	13	0.0379	0.0616	0.0073	0.01	0.0285	0.148	0.1
40233805	CRLK-74-5	13	16	0.0733	0.0639	0.0066	0.014	0.0243	0.199	0.17
40233806	CRLK-74-5	16	19	0.0319	0.0468	0.0063	0.011	0.0215	0.099	0.08
40233807	CRLK-74-5	19	22	0.0775	0.0701	0.0071	0.019	0.043	0.203	0.16
40233808	CRLK-74-5	22	25	0.0342	0.043	0.0058	0.008	0.0155	0.072	0.08
40233809	CRLK-74-5	25	28.04	0.0567	0.0544	0.0061	0.014	0.0285	0.149	0.13
40233811	CRLK-74-5	28.04	31.09	0.262	0.1555	0.0076	0.064	0.208	0.858	0.49
40233812	CRLK-74-5	31.09	34.14	0.235	0.1125	0.0071	0.06	0.0983	0.476	0.38
40233813	CRLK-74-5	34.14	37.19	0.0501	0.0406	0.0052	0.015	0.0354	0.174	0.12
40233814	CRLK-74-5	37.19	40.23	0.072	0.0677	0.0057	0.018	0.0801	0.239	0.18
40233815	CRLK-74-5	40.23	43.28	0.342	0.1885	0.0083	0.07	0.1555	0.706	0.69
40233816	CRLK-74-5	43.28	46.33	0.44	0.1805	0.0071	0.081	0.15	0.86	0.74
40233817	CRLK-74-5	46.33	49.38	0.0849	0.0649	0.0054	0.042	0.0983	0.307	0.15
40233818	CRLK-74-5	49.38	52.43	0.462	0.29	0.009	0.12	0.19	1.4	1.02
40233819	CRLK-74-5	52.43	55.47	0.504	0.229	0.0102	0.12	0.38	1.28	1.3
40233821	CRLK-74-5	55.47	58.52	0.763	0.361	0.0125	0.16	0.27	1.7	1.87
40233822	CRLK-74-5	58.52	61.57	0.938	0.498	0.0146	0.23	0.59	2.52	2.08
40233823	CRLK-74-5	61.57	64.62	0.706	0.31	0.0115	0.12	0.31	1.26	1.45
40233824	CRLK-74-5	64.62	67.67	0.328	0.1335	0.01	0.059	0.1	0.498	1.21
40233825	CRLK-74-5	67.67	70.71	0.134	0.0742	0.0081	0.027	0.0608	0.199	0.48

40233826	CRLK-74-5	70.71	73.76	0.208	0.1505	0.0169	0.025	0.0448	0.235	2.79
40233827	CRLK-74-5	73.76	76.81	0.286	0.184	0.0185	0.031	0.0221	0.311	2.83
40233828	CRLK-74-5	76.81	79.86	0.1475	0.0642	0.0064	0.02	0.0482	0.16	0.33
40233829	CRLK-74-5	79.86	82.91	0.151	0.0641	0.0077	0.021	0.0888	0.153	0.42
40233831	CRLK-74-5	82.91	85.96	0.518	0.0868	0.007	0.013	0.0501	0.098	0.7
40233832	CRLK-74-5	85.96	89	0.225	0.0417	0.0033	0.013	0.0244	0.125	0.26
40233833	CRLK-74-5	89	90.9	0.047	0.0087	0.0019	0.003	0.0012	0.003	0.05
40233835	CRLK-74-5	90.9	91.44	17.15	4.72	0.1615	2.33	2.08	17.3	33.9
40233837	CRLK-74-5	91.44	93.57	0.775	0.227	0.0083	0.101	0.296	0.897	0.99
40233838	CRLK-74-5	93.57	96.62	0.222	0.0199	0.0019	0.013	0.0281	0.105	0.13
40237901	CRLK-75-3	0.15	1.5	0.0121	0.0392	0.0059	0.003	0.0113	0.027	0.05
40237902	CRLK-75-3	1.5	3	0.0125	0.0418	0.0061	0.004	0.0162	0.063	0.04
40237903	CRLK-75-3	3	4.5	0.0135	0.031	0.0053	0.003	0.0054	0.007	0.05
40237904	CRLK-75-3	4.5	6	0.0147	0.0285	0.0051	0.005	0.0263	0.088	0.04
40237905	CRLK-75-3	6	7.5	0.0336	0.0594	0.0066	0.01	0.0152	0.069	0.08
40237906	CRLK-75-3	7.5	9	0.135	0.108	0.0083	0.038	0.0552	0.302	0.22
40237907	CRLK-75-3	9	10.5	0.0139	0.0353	0.0065	0.002	0.005	0.008	0.05
40237908	CRLK-75-3	10.5	12	0.0245	0.0184	0.0024	0.005	0.0188	0.077	0.19
40237909	CRLK-75-3	12	13.5	0.0162	0.0318	0.0056	0.003	0.0069	0.022	0.05
40237911	CRLK-75-3	13.5	15	0.0131	0.0429	0.0069	0.002	0.0049	0.007	0.04
40237912	CRLK-75-3	15	16.5	0.0126	0.0436	0.0064	0.002	0.0053	0.005	0.06
40237913	CRLK-75-3	16.5	18	0.0112	0.0257	0.0049	0.001	0.003	0.005	0.1
40237914	CRLK-75-3	18	19.5	0.208	0.136	0.0097	0.038	0.0781	0.21	0.77
40237915	CRLK-75-3	19.5	21	0.157	0.107	0.009	0.029	0.0569	0.191	0.71
40237916	CRLK-75-3	21	22.5	0.0111	0.0431	0.0064	0.002	0.0049	0.012	0.07
40237917	CRLK-75-3	22.5	25.6	0.0134	0.0425	0.006	0.004	0.0123	0.041	0.06
40237918	CRLK-75-3	25.6	29	0.0121	0.0376	0.006	0.003	0.0054	0.007	0.07
40237919	CRLK-75-3	29	30.5	0.0085	0.0324	0.0057	0.002	0.0035	0.005	0.03
40237921	CRLK-75-3	30.5	31.09	0.0101	0.0262	0.005	0.002	0.0028	0.007	0.04
40237922	CRLK-75-3	31.09	33.5	0.068	0.0617	0.0067	0.015	0.0373	0.153	0.23
40237923	CRLK-75-3	33.5	35	0.435	0.222	0.0096	0.094	0.194	0.957	0.96
40237924	CRLK-75-3	35	36.5	0.325	0.206	0.0099	0.077	0.153	0.817	0.85
40237925	CRLK-75-3	36.5	38	0.212	0.143	0.0092	0.047	0.0981	0.543	0.59
40237926	CRLK-75-3	38	39.5	0.748	0.339	0.0133	0.18	0.36	1.59	1.53
40237927	CRLK-75-3	39.5	41	0.905	0.473	0.0126	0.16	0.41	2.24	1.62
40237928	CRLK-75-3	41	42.5	1.26	0.38	0.0125	0.2	0.26	2.09	2.25
40237929	CRLK-75-3	42.5	44	0.666	0.313	0.0105	0.16	0.37	1.67	1.23
40237931	CRLK-75-3	44	45.5	1.41	0.635	0.0165	0.32	0.85	3.75	2.77
40237932	CRLK-75-3	45.5	47	0.746	0.362	0.0131	0.18	0.5	1.98	2.02
40237933	CRLK-75-3	47	48.5	0.575	0.267	0.0118	0.12	0.2	1.44	1.83
40237934	CRLK-75-3	48.5	50	0.173	0.108	0.0089	0.041	0.111	0.528	0.69
40237935	CRLK-75-3	50	51.5	0.224	0.126	0.0088	0.043	0.09	0.488	1.01
40237936	CRLK-75-3	51.5	53	0.147	0.111	0.0075	0.035	0.0756	0.424	0.52
40237937	CRLK-75-3	53	54.5	0.266	0.125	0.0098	0.046	0.06	0.579	1.08
40237938	CRLK-75-3	54.5	56	0.182	0.0841	0.0067	0.036	0.0611	0.465	0.4
40237939	CRLK-75-3	56	57.5	0.732	0.241	0.0089	0.18	0.61	2.08	1.31
40237941	CRLK-75-3	57.5	59	0.388	0.251	0.0085	0.12	0.17	1.37	0.99

40237942	CRLK-75-3	59	60.5	0.11	0.077	0.0053	0.031	0.0351	0.385	0.3
40237943	CRLK-75-3	60.5	62	0.0643	0.0619	0.0062	0.013	0.0142	0.163	0.24
40237944	CRLK-75-3	62	63.5	0.0869	0.059	0.007	0.015	0.0337	0.156	0.41
40237945	CRLK-75-3	63.5	65	0.695	0.38	0.0108	0.17	0.43	2.16	1.75
40237946	CRLK-75-3	65	66.5	0.33	0.1705	0.0081	0.08	0.244	0.933	0.78
40237947	CRLK-75-3	66.5	68	0.17	0.0998	0.0063	0.027	0.0596	0.266	0.31
40237948	CRLK-75-3	68	69.5	0.48	0.1965	0.0084	0.091	0.194	0.913	0.92
40237949	CRLK-75-3	69.5	71	0.593	0.252	0.0089	0.13	0.28	1.29	1.19
40237951	CRLK-75-3	71	72.5	0.48	0.267	0.0096	0.11	0.16	1.2	1.14
40237952	CRLK-75-3	72.5	74	0.701	0.294	0.0098	0.15	0.18	1.63	1.23
40237953	CRLK-75-3	74	75.5	0.399	0.1905	0.0078	0.102	0.19	0.942	0.92
40237954	CRLK-75-3	75.5	77	1.22	0.574	0.0144	0.21	0.24	2.78	2.75
40237955	CRLK-75-3	77	78.5	0.872	0.347	0.0097	0.23	0.26	1.99	1.52
40237956	CRLK-75-3	78.5	80	0.739	0.307	0.0105	0.17	0.35	1.54	1.32
40237957	CRLK-75-3	80	81.5	1.045	0.313	0.015	0.22	0.24	1.69	2.51
40237958	CRLK-75-3	81.5	83	0.413	0.288	0.0418	0.054	0.0505	0.456	7.94
40237959	CRLK-75-3	83	84.5	0.21	0.124	0.0172	0.034	0.0552	0.265	2.75
40237961	CRLK-75-3	84.5	86	0.219	0.0686	0.0056	0.036	0.0516	0.366	0.37
40237962	CRLK-75-3	86	87.5	0.21	0.0921	0.0049	0.052	0.056	0.473	0.37
40237963	CRLK-75-3	87.5	89	0.514	0.271	0.0146	0.12	0.1	1.06	2.21
40237964	CRLK-75-3	89	90.5	0.262	0.123	0.0099	0.055	0.095	0.506	1
40237965	CRLK-75-3	90.5	92	0.396	0.1695	0.0104	0.077	0.0839	0.804	1.17
40237966	CRLK-75-3	92	93.5	0.196	0.1015	0.0091	0.045	0.0576	0.367	0.85
40237967	CRLK-75-3	93.5	95	0.446	0.1585	0.0087	0.12	0.36	1.29	0.87
40237968	CRLK-75-3	95	96.5	0.145	0.0748	0.0065	0.025	0.0468	0.266	0.45
40237969	CRLK-75-3	96.5	98	0.0345	0.026	0.0052	0.011	0.0185	0.1	0.08
40237971	CRLK-75-3	98	99.5	0.128	0.0579	0.0052	0.029	0.0493	0.296	0.22
40237972	CRLK-75-3	99.5	101	0.0435	0.0342	0.0052	0.01	0.0158	0.107	0.09
40237973	CRLK-75-3	101	102.5	0.0373	0.0322	0.0058	0.009	0.0181	0.066	0.1
40237974	CRLK-75-3	102.5	104	0.0754	0.0495	0.0066	0.019	0.0175	0.115	0.25
40237975	CRLK-75-3	104	105.5	0.0693	0.044	0.0064	0.022	0.0425	0.089	0.15
40237976	CRLK-75-3	105.5	107.44	0.122	0.0786	0.0084	0.028	0.0515	0.148	0.5
40237977	CRLK-75-3	107.44	107.9	0.0014	0.005	0.0013	0.002	0.0009	0.001	0.01
40238151	CRLK-76-6	1.67	4	0.0117	0.0873	0.0093	0.002	0.0035	0.009	0.05
40238152	CRLK-76-6	4	7	0.0121	0.067	0.0078	0.002	0.0056	0.019	0.04
40238153	CRLK-76-6	7	10	0.0137	0.0519	0.007	0.003	0.0074	0.017	0.05
40238154	CRLK-76-6	10	13	0.013	0.0367	0.0058	0.003	0.0089	0.009	0.04
40238155	CRLK-76-6	13	16	0.0131	0.0385	0.0056	0.002	0.0044	0.007	0.04
40238156	CRLK-76-6	16	19	0.108	0.0829	0.0077	0.032	0.0557	0.285	0.16
40238157	CRLK-76-6	19	22	0.0426	0.0566	0.0061	0.008	0.0168	0.101	0.1
40238158	CRLK-76-6	22	25	0.019	0.0392	0.0061	0.003	0.0086	0.039	0.06
40238159	CRLK-76-6	25	28	0.0187	0.0553	0.0077	0.003	0.0056	0.018	0.05
40238161	CRLK-76-6	28	29.57	0.0205	0.0552	0.0071	0.007	0.0129	0.105	0.05
40238162	CRLK-76-6	29.57	32	0.187	0.123	0.0083	0.04	0.0783	0.378	0.48
40238163	CRLK-76-6	32	35	0.0227	0.0382	0.0058	0.01	0.0157	0.091	0.07
40238164	CRLK-76-6	35	38	0.127	0.0953	0.0081	0.033	0.0879	0.368	0.29
40238165	CRLK-76-6	38	41	0.109	0.0828	0.0069	0.028	0.0913	0.259	0.24

40238166	CRLK-76-6	41	44	0.217	0.138	0.0079	0.054	0.242	0.764	0.42
40238167	CRLK-76-6	44	47	0.299	0.153	0.0094	0.045	0.0883	0.491	0.89
40238168	CRLK-76-6	47	50	0.255	0.15	0.0111	0.04	0.0827	0.323	1.24
40238169	CRLK-76-6	50	53	0.102	0.0676	0.0069	0.02	0.0353	0.172	0.42
40238171	CRLK-76-6	53	56	0.0881	0.0638	0.006	0.016	0.0284	0.161	0.22
40238172	CRLK-76-6	56	59	0.066	0.0514	0.0055	0.021	0.0399	0.254	0.13
40238173	CRLK-76-6	59	62	0.322	0.124	0.0066	0.071	0.435	0.708	0.56
40238174	CRLK-76-6	62	65	0.147	0.1	0.0059	0.038	0.0553	0.475	0.31
40238175	CRLK-76-6	65	68	0.0875	0.0569	0.0057	0.017	0.045	0.219	0.24
40238176	CRLK-76-6	68	71	0.154	0.082	0.0055	0.053	0.0916	0.496	0.27
40238177	CRLK-76-6	71	74	0.147	0.0578	0.0053	0.041	0.0687	0.45	0.26
40238178	CRLK-76-6	74	77	0.349	0.143	0.0065	0.082	0.19	0.627	0.62
40238179	CRLK-76-6	77	80	0.316	0.135	0.0066	0.068	0.141	0.662	0.57
40238181	CRLK-76-6	80	83	0.239	0.133	0.0064	0.055	0.213	0.583	0.56
40238182	CRLK-76-6	83	86	0.157	0.084	0.0052	0.064	0.1175	0.682	0.29
40238183	CRLK-76-6	86	89	0.299	0.133	0.0059	0.1	0.117	0.77	0.49
40238184	CRLK-76-6	89	92	0.59	0.228	0.0119	0.15	0.28	1.21	1.53
40238185	CRLK-76-6	92	95	0.258	0.116	0.0081	0.058	0.073	0.509	0.81
40238186	CRLK-76-6	95	98	0.305	0.111	0.0078	0.088	0.102	0.671	0.8
40238187	CRLK-76-6	98	101	0.234	0.0952	0.0073	0.083	0.241	0.518	0.36
40238188	CRLK-76-6	101	104	0.114	0.0571	0.0063	0.02	0.0182	0.205	0.29
40238189	CRLK-76-6	104	107	0.173	0.0758	0.0066	0.037	0.0795	0.21	0.36
40238191	CRLK-76-6	107	110	0.599	0.213	0.011	0.132	0.113	0.926	1.34
40238192	CRLK-76-6	110	112	0.516	0.226	0.0145	0.073	0.0969	0.46	1.56
40238194	CRLK-76-6	112	114	0.241	0.0813	0.0069	0.044	0.0535	0.321	0.49
40238195	CRLK-76-6	114	115.64	0.572	0.0167	0.0027	0.01	0.0067	0.028	0.62
40238196	CRLK-76-6	115.64	115.7	13.45	3.42	0.1065	1.52	2.09	10.85	21.2
40238197	CRLK-76-6	115.7	116.53	0.166	0.0139	0.0023	0.017	0.0045	0.026	0.17
40238198	CRLK-76-6	116.53	116.77	10.4	6.05	0.169	3.05	3.04	25.6	29.7
40238201	CRLK-76-6	116.77	119	0.753	0.13	0.0062	0.081	0.196	0.375	1.08
40238202	CRLK-76-6	119	121	0.0169	0.0084	0.0018	0.004	0.0028	0.004	0.3
40238203	CRLK-76-6	121	122.53	0.0239	0.0095	0.0023	0.007	0.0035	0.006	0.95
40237595	CRLK-76-8	0	3	0.0131	0.0861	0.0095	0.003	0.0038	0.005	0.04
40237596	CRLK-76-8	3	6	0.0122	0.0948	0.0101	0.002	0.0034	0.004	0.04
40237597	CRLK-76-8	6	9	0.013	0.082	0.009	0.002	0.0038	0.005	0.05
40237598	CRLK-76-8	9	12	0.0121	0.0663	0.0077	0.002	0.0034	0.005	0.04
40237599	CRLK-76-8	12	15	0.0132	0.0849	0.0092	0.004	0.008	0.03	0.04
40237601	CRLK-76-8	15	18	0.0127	0.0819	0.009	0.003	0.0066	0.019	0.03
40237602	CRLK-76-8	18	21	0.0136	0.0976	0.0105	0.004	0.0067	0.007	0.04
40237603	CRLK-76-8	21	24	0.0114	0.0948	0.0101	0.002	0.0042	0.003	0.04
40237604	CRLK-76-8	24	27	0.0094	0.0791	0.0087	0.002	0.007	0.008	0.05
40237605	CRLK-76-8	27	30	0.0122	0.077	0.0087	0.003	0.0045	0.022	0.06
40237606	CRLK-76-8	30	33	0.0118	0.0278	0.0042	0.002	0.0022	0.007	0.02
40237607	CRLK-76-8	33	36	0.0133	0.0261	0.0045	0.001	0.0026	0.002	0.03
40237608	CRLK-76-8	36	39	0.0136	0.07	0.0082	0.004	0.0159	0.043	0.04
40237609	CRLK-76-8	39	42	0.0106	0.0919	0.0097	0.002	0.0062	0.012	0.03
40237611	CRLK-76-8	42	45	0.0116	0.0658	0.0077	0.001	0.0025	0.005	0.03

40237612	CRLK-76-8	45	48	0.0126	0.0845	0.0095	0.004	0.0061	0.01	0.04
40237613	CRLK-76-8	48	51	0.0129	0.0717	0.0086	0.003	0.007	0.011	0.04
40237614	CRLK-76-8	51	54	0.0151	0.0485	0.007	0.002	0.0036	0.006	0.04
40237615	CRLK-76-8	54	57	0.0247	0.0449	0.0064	0.006	0.0156	0.09	0.05
40237616	CRLK-76-8	57	60	0.0311	0.0646	0.0074	0.013	0.0364	0.167	0.06
40237617	CRLK-76-8	60	63	0.0421	0.097	0.0102	0.012	0.0217	0.122	0.08
40237618	CRLK-76-8	63	66.14	0.0393	0.0631	0.007	0.01	0.019	0.111	0.09
40237619	CRLK-76-8	66.14	68	0.0399	0.0507	0.0064	0.009	0.0297	0.087	0.09
40237621	CRLK-76-8	68	69.5	0.093	0.1	0.0093	0.025	0.0644	0.272	0.23
40237622	CRLK-76-8	69.5	71	0.1585	0.121	0.0079	0.052	0.1005	0.599	0.32
40237623	CRLK-76-8	71	72.5	0.1515	0.154	0.0101	0.036	0.0809	0.479	0.39
40237624	CRLK-76-8	72.5	74	0.266	0.173	0.0089	0.058	0.114	0.531	0.73
40237625	CRLK-76-8	74	75.5	0.1975	0.151	0.0088	0.042	0.0804	0.345	0.67
40237626	CRLK-76-8	75.5	77	0.252	0.1545	0.0081	0.035	0.0763	0.361	0.53
40237627	CRLK-76-8	77	78.5	0.0675	0.0647	0.006	0.017	0.0375	0.167	0.16
40237628	CRLK-76-8	78.5	80	0.25	0.1775	0.0103	0.042	0.1045	0.378	1.04
40237629	CRLK-76-8	80	81.5	0.0723	0.0515	0.0062	0.012	0.0171	0.092	0.32
40237631	CRLK-76-8	81.5	83	0.282	0.134	0.0081	0.071	0.1235	0.742	0.84
40237632	CRLK-76-8	83	84.5	0.42	0.214	0.0116	0.078	0.1395	0.693	1.05
40237633	CRLK-76-8	84.5	86	0.453	0.236	0.009	0.11	0.3	1.23	0.98
40237634	CRLK-76-8	86	87.5	0.393	0.238	0.0093	0.11	0.2	1.25	1
40237635	CRLK-76-8	87.5	89	0.1765	0.123	0.0071	0.042	0.0762	0.412	0.45
40237636	CRLK-76-8	89	90.5	0.284	0.1265	0.0064	0.081	0.159	0.809	0.48
40237637	CRLK-76-8	90.5	92	0.146	0.0872	0.0064	0.035	0.0715	0.341	0.31
40237638	CRLK-76-8	92	93.5	0.156	0.0846	0.0063	0.032	0.0724	0.265	0.32
40237639	CRLK-76-8	93.5	95	0.127	0.0764	0.0065	0.021	0.0396	0.207	0.28
40237641	CRLK-76-8	95	96.5	0.151	0.0772	0.0071	0.027	0.0624	0.23	0.31
40237642	CRLK-76-8	96.5	98	0.0843	0.0602	0.0068	0.011	0.0295	0.092	0.26
40237643	CRLK-76-8	98	99.5	0.0187	0.0238	0.0061	0.002	0.0016	0.013	0.1
40237644	CRLK-76-8	99.5	101	0.0331	0.0267	0.006	0.005	0.0076	0.036	0.16
40237645	CRLK-76-8	101	102.5	0.0132	0.0207	0.0056	0.006	0.0138	0.04	0.1
40237646	CRLK-76-8	102.5	104	0.122	0.0625	0.006	0.035	0.0618	0.276	0.25
40237647	CRLK-76-8	104	105.5	0.0844	0.043	0.0059	0.016	0.0341	0.121	0.29
40237648	CRLK-76-8	105.5	107	0.145	0.117	0.0077	0.043	0.0763	0.579	0.52
40237649	CRLK-76-8	107	108.5	0.272	0.1385	0.0064	0.072	0.176	0.658	0.47
40237651	CRLK-76-8	108.5	110	0.428	0.2	0.01	0.077	0.173	0.74	1.04
40237652	CRLK-76-8	110	111.5	0.306	0.163	0.0096	0.072	0.197	0.742	0.95
40237653	CRLK-76-8	111.5	113	0.771	0.302	0.0196	0.094	0.0935	0.792	2.69
40237654	CRLK-76-8	113	114.5	0.77	0.441	0.0295	0.074	0.0529	0.946	4.73
40237655	CRLK-76-8	114.5	116	0.266	0.163	0.0111	0.051	0.0781	0.529	1.22
40237656	CRLK-76-8	116	117.5	0.446	0.261	0.0181	0.058	0.0485	0.647	2.55
40237657	CRLK-76-8	117.5	119	0.553	0.251	0.0133	0.12	0.41	1.2	1.94
40237658	CRLK-76-8	119	120.5	0.317	0.1785	0.0162	0.076	0.0892	0.515	2.36
40237659	CRLK-76-8	120.5	122	0.101	0.0671	0.0078	0.021	0.0408	0.13	0.82
40237661	CRLK-76-8	122	123.5	0.0626	0.0494	0.007	0.014	0.0256	0.08	0.59
40237662	CRLK-76-8	123.5	125	0.109	0.0748	0.0101	0.023	0.0367	0.114	0.97
40237663	CRLK-76-8	125	126.5	0.174	0.103	0.0059	0.034	0.0621	0.35	0.51

40237664	CRLK-76-8	126.5	128	0.298	0.216	0.0185	0.048	0.0682	0.387	3.78
40237665	CRLK-76-8	128	129.5	0.319	0.1855	0.0116	0.056	0.0982	0.515	1.46
40237666	CRLK-76-8	129.5	131	0.157	0.1125	0.0086	0.03	0.0382	0.226	0.62
40237667	CRLK-76-8	131	132.5	0.365	0.1855	0.017	0.073	0.108	0.373	2.29
40237668	CRLK-76-8	132.5	134	0.278	0.162	0.0139	0.034	0.0509	0.266	1.23
40237669	CRLK-76-8	134	135.5	0.346	0.1975	0.0257	0.027	0.0543	0.166	3.39
40237671	CRLK-76-8	135.5	137	0.225	0.131	0.0145	0.046	0.0769	0.264	1.78
40237672	CRLK-76-8	137	138.5	0.243	0.1475	0.021	0.038	0.042	0.209	2.93
40237673	CRLK-76-8	138.5	140	0.119	0.0735	0.0095	0.026	0.0438	0.135	0.97
40237674	CRLK-76-8	140	141.5	0.113	0.0481	0.0057	0.021	0.0386	0.12	0.39
40237675	CRLK-76-8	141.5	142.34	0.079	0.0467	0.0062	0.02	0.0311	0.094	0.32
40237676	CRLK-76-8	142.34	144	0.028	0.0137	0.0047	0.005	0.0075	0.017	0.14
40237677	CRLK-76-8	144	146.3	0.0195	0.0121	0.0048	0.005	0.0067	0.011	0.04
40238276	CRLK-77-2	0.55	3	0.0127	0.0253	0.0045	0.001	0.0011	0.002	0.05
40238277	CRLK-77-2	3	6	0.0113	0.0226	0.0039	0.002	0.002	0.005	0.07
40238278	CRLK-77-2	6	9	0.0165	0.0821	0.0094	0.002	0.0031	0.006	0.05
40238279	CRLK-77-2	9	12	0.0125	0.0853	0.0091	0.005	0.0089	0.035	0.05
40238280	CRLK-77-2	12	15	0.0125	0.0934	0.0098	0.004	0.0056	0.015	0.04
40238281	CRLK-77-2	15	18	0.0129	0.0699	0.0077	0.008	0.0192	0.077	0.06
40238282	CRLK-77-2	18	21	0.0152	0.0476	0.0062	0.005	0.0144	0.027	0.05
40238283	CRLK-77-2	21	24	0.0102	0.0448	0.0059	0.002	0.0045	0.008	0.04
40238284	CRLK-77-2	24	27	0.013	0.0327	0.0052	0.003	0.006	0.007	0.04
40238286	CRLK-77-2	27	30	0.009	0.0322	0.0053	0.002	0.0091	0.007	0.03
40238287	CRLK-77-2	30	31	0.0117	0.0343	0.0057	0.002	0.0057	0.007	0.04
40238288	CRLK-77-2	38.1	41	0.0584	0.0761	0.0076	0.01	0.0337	0.141	0.11
40238289	CRLK-77-2	41	44	0.182	0.118	0.0076	0.033	0.0626	0.4	0.27
40238290	CRLK-77-2	44	47	0.234	0.147	0.0112	0.051	0.0456	0.367	1.01
40238291	CRLK-77-2	47	50	0.161	0.101	0.0063	0.041	0.0716	0.353	0.31
40238292	CRLK-77-2	50	53	0.253	0.158	0.0061	0.068	0.0804	0.699	0.47
40238293	CRLK-77-2	53	56	0.32	0.173	0.0063	0.115	0.258	0.907	0.6
40238294	CRLK-77-2	56	59	0.217	0.12	0.0063	0.062	0.114	0.528	0.42
40238296	CRLK-77-2	59	62	0.202	0.0768	0.0047	0.047	0.089	0.358	0.31
40238297	CRLK-77-2	62	65	0.391	0.167	0.0072	0.093	0.201	0.951	0.77
40238298	CRLK-77-2	65	68	0.268	0.143	0.0091	0.052	0.0901	0.467	0.82
40238299	CRLK-77-2	68	71	0.1965	0.0888	0.0062	0.038	0.0554	0.314	0.39
40238300	CRLK-77-2	71	74	0.227	0.0783	0.0063	0.045	0.059	0.323	0.35
40238301	CRLK-77-2	74	77	0.16	0.0787	0.006	0.037	0.0438	0.305	0.31
40238302	CRLK-77-2	77	80	0.188	0.0833	0.0064	0.033	0.0279	0.264	0.36
40238303	CRLK-77-2	80	83	0.0869	0.0405	0.0056	0.013	0.0259	0.12	0.18
40238304	CRLK-77-2	83	86	0.508	0.201	0.0098	0.09	0.146	0.81	0.96
40238306	CRLK-77-2	86	89	0.421	0.18	0.0095	0.07	0.125	0.655	1.03
40238307	CRLK-77-2	89	91	0.506	0.1805	0.0104	0.054	0.0729	0.531	1.28
40238308	CRLK-77-2	91	92.81	0.431	0.0437	0.0028	0.131	0.0216	0.243	0.55
40238309	CRLK-77-2	92.81	93.12	13.3	5.44	0.1935	0.97	3.74	19	32.8
40238312	CRLK-77-2	93.12	96.62	0.066	0.0079	0.0015	0.008	0.001	0.004	0.07
40237501	CRLK-93-4	0.91	3	0.0084	0.0435	0.0059	0.002	0.0037	0.006	0.04
40237502	CRLK-93-4	3	6	0.0089	0.0524	0.0067	0.002	0.0038	0.006	0.03

40237503	CRLK-93-4	6	9	0.0083	0.0533	0.0066	0.001	0.0035	0.005	0.04
40237504	CRLK-93-4	9	12	0.0082	0.0547	0.0068	0.001	0.0033	0.005	0.04
40237505	CRLK-93-4	12	15	0.0079	0.0482	0.0061	0.002	0.0033	0.005	0.03
40237506	CRLK-93-4	15	18	0.0083	0.0447	0.0058	0.002	0.0033	0.005	0.04
40237507	CRLK-93-4	18	21	0.008	0.0455	0.0059	0.002	0.0033	0.005	0.04
40237508	CRLK-93-4	21	24	0.007	0.0466	0.0058	0.001	0.0029	0.005	0.04
40237509	CRLK-93-4	24	27	0.007	0.0499	0.0062	0.001	0.0032	0.006	0.04
40237511	CRLK-93-4	27	30	0.0082	0.0563	0.0067	0.001	0.0026	0.006	0.04
40237512	CRLK-93-4	30	33	0.0084	0.0612	0.0073	0.002	0.0032	0.007	0.05
40237513	CRLK-93-4	33	36	0.0072	0.0606	0.007	0.001	0.0031	0.007	0.05
40237514	CRLK-93-4	36	39	0.0077	0.0767	0.0082	0.002	0.0034	0.008	0.04
40237515	CRLK-93-4	39	42	0.0074	0.0784	0.0081	0.002	0.0032	0.009	0.03
40237516	CRLK-93-4	42	45	0.0077	0.0813	0.0087	0.002	0.0031	0.01	0.02
40237517	CRLK-93-4	45	48	0.0078	0.0866	0.009	0.002	0.0033	0.009	0.03
40237518	CRLK-93-4	48	51	0.0078	0.0843	0.0087	0.003	0.0033	0.008	0.03
40237519	CRLK-93-4	51	54	0.0075	0.0801	0.0084	0.002	0.0035	0.008	0.03
40237521	CRLK-93-4	54	57	0.008	0.0767	0.0078	0.002	0.0038	0.008	0.03
40237522	CRLK-93-4	57	60	0.0092	0.0802	0.0084	0.002	0.0031	0.007	0.03
40237523	CRLK-93-4	60	63	0.0084	0.0583	0.0066	0.002	0.0033	0.009	0.03
40237524	CRLK-93-4	63	66	0.008	0.0506	0.0058	0.002	0.0033	0.009	0.03
40237525	CRLK-93-4	66	69	0.0079	0.0512	0.0059	0.002	0.0032	0.007	0.03
40237526	CRLK-93-4	69	72	0.0087	0.0545	0.0063	0.002	0.0041	0.009	0.03
40237527	CRLK-93-4	72	75	0.0094	0.0712	0.0077	0.002	0.0054	0.011	0.03
40237528	CRLK-93-4	75	78	0.0109	0.0561	0.0067	0.002	0.005	0.011	0.04
40237529	CRLK-93-4	78	81	0.0097	0.0831	0.0088	0.002	0.0047	0.009	0.04
40237531	CRLK-93-4	81	84.43	0.0115	0.0516	0.0068	0.002	0.0061	0.012	0.04
40237532	CRLK-93-4	84.43	87.73	0.0181	0.007	0.005	0.001	0.0014	0.001	0.16
40237533	CRLK-93-4	87.73	88	0.011	0.0708	0.0079	0.002	0.0068	0.012	0.06
40237534	CRLK-93-4	88	91	0.0104	0.101	0.0104	0.002	0.0053	0.009	0.04
40237535	CRLK-93-4	91	94	0.0113	0.114	0.0114	0.003	0.01	0.028	0.07
40237536	CRLK-93-4	94	97	0.0108	0.1035	0.0105	0.002	0.0079	0.024	0.03
40237537	CRLK-93-4	97	100	0.0125	0.0499	0.0063	0.002	0.0065	0.021	0.05
40237538	CRLK-93-4	100	103	0.011	0.0364	0.0058	0.002	0.005	0.005	0.05
40237539	CRLK-93-4	103	106	0.011	0.0563	0.0072	0.002	0.0043	0.008	0.05
40237541	CRLK-93-4	106	109	0.0889	0.071	0.0074	0.014	0.0247	0.093	0.26
40237542	CRLK-93-4	109	112	0.0341	0.0517	0.0058	0.007	0.0164	0.055	0.11
40237543	CRLK-93-4	112	115	0.0125	0.0462	0.0065	0.003	0.0067	0.01	0.05
40237544	CRLK-93-4	115	118	0.0157	0.0514	0.0074	0.003	0.0051	0.007	0.06
40237545	CRLK-93-4	118	121	0.0174	0.0484	0.0069	0.004	0.007	0.04	0.07
40237546	CRLK-93-4	121	123.75	0.0187	0.0498	0.0073	0.004	0.0093	0.025	0.07
40237547	CRLK-93-4	123.75	126.8	0.322	0.174	0.0122	0.058	0.0973	0.429	1.27
40237548	CRLK-93-4	126.8	129.94	0.698	0.339	0.0142	0.12	0.27	1.11	2.11
40237549	CRLK-93-4	129.94	132.89	0.278	0.1385	0.0068	0.052	0.0838	0.525	0.74
40237551	CRLK-93-4	132.89	135.94	0.0489	0.0467	0.0069	0.007	0.0096	0.1	0.17
40237552	CRLK-93-4	135.94	138.99	0.279	0.168	0.0093	0.052	0.1105	0.511	0.72
40237553	CRLK-93-4	138.99	142.04	0.444	0.234	0.0094	0.08	0.228	0.821	0.9
40237554	CRLK-93-4	142.04	145.08	0.42	0.232	0.0107	0.072	0.151	0.694	0.97

40237555	CRLK-93-4	145.08	148.13	0.643	0.296	0.0128	0.11	0.238	0.918	1.82
40237556	CRLK-93-4	148.13	151.18	0.327	0.1535	0.0074	0.067	0.134	0.656	0.65
40237557	CRLK-93-4	151.18	154.23	0.229	0.146	0.0078	0.048	0.0903	0.539	0.63
40237558	CRLK-93-4	154.23	157.28	0.0128	0.0256	0.0044	0.004	0.0296	0.045	0.05
40237559	CRLK-93-4	157.28	160.32	0.448	0.246	0.014	0.094	0.1295	0.821	1.72
40237561	CRLK-93-4	160.32	163.37	0.164	0.1195	0.0085	0.038	0.1215	0.374	0.53
40237562	CRLK-93-4	163.37	166.42	0.483	0.223	0.0107	0.094	0.1095	0.945	1.2
40237563	CRLK-93-4	166.42	169.47	1.22	0.569	0.0194	0.24	1.11	2.52	2.8
40237564	CRLK-93-4	169.47	173.58	0.823	0.412	0.016	0.16	0.37	1.59	2.33
40237565	CRLK-93-4	173.58	173.73	13.5	2.99	0.1575	4.4	5.35	14.15	25.5
40237566	CRLK-93-4	173.73	175.56	0.89	0.389	0.0285	0.24	0.38	1.36	3.97
40237567	CRLK-93-4	175.56	178.61	0.494	0.257	0.0214	0.088	0.1435	0.493	2.41
40237568	CRLK-93-4	178.61	181.66	0.391	0.251	0.0192	0.075	0.1485	0.473	2.25
40237569	CRLK-93-4	181.66	184.71	0.523	0.259	0.0181	0.099	0.1725	0.708	2.07
40237571	CRLK-93-4	184.71	187.76	0.425	0.1875	0.0085	0.096	0.141	0.842	0.8
40237572	CRLK-93-4	187.76	190.8	0.514	0.259	0.009	0.12	0.16	1.08	0.92
40237573	CRLK-93-4	190.8	193.85	0.632	0.4	0.0221	0.111	0.228	0.981	2.61
40237574	CRLK-93-4	193.85	195.73	0.0952	0.0661	0.0093	0.016	0.0281	0.105	0.71
40237575	CRLK-93-4	195.73	195.83	1.18	1.335	0.174	0.117	0.122	0.42	23.9
40237577	CRLK-93-4	195.83	199	0.211	0.0985	0.0072	0.035	0.0439	0.316	0.41
40237578	CRLK-93-4	199	203	0.334	0.193	0.0145	0.044	0.095	0.332	1.51
40237579	CRLK-93-4	203	206.04	0.339	0.1345	0.0074	0.059	0.12	0.52	0.64
40237581	CRLK-93-4	206.04	209.09	0.1425	0.074	0.0066	0.022	0.0398	0.197	0.3
40237582	CRLK-93-4	209.09	212.14	0.252	0.105	0.0071	0.034	0.0767	0.343	0.54
40237583	CRLK-93-4	212.14	215.19	0.87	0.32	0.0133	0.11	0.17	1.14	1.72
40237584	CRLK-93-4	215.19	217.85	0.458	0.1755	0.0101	0.053	0.0826	0.338	1
40237586	CRLK-93-4	217.85	218.03	5.93	5.45	0.211	1.12	2.77	11.3	33.2
40237588	CRLK-93-4	218.03	219.8	1.095	0.946	0.0372	0.12	0.33	1.51	4.87
40237589	CRLK-93-4	219.8	221.89	0.714	0.181	0.011	0.132	0.096	0.35	1.81
40237591	CRLK-93-4	221.89	224	0.1045	0.0295	0.0048	0.034	0.0292	0.117	0.3
40237592	CRLK-93-4	224	225.55	0.0381	0.0094	0.005	0.017	0.0171	0.055	0.12
40237593	CRLK-93-4	225.55	227.99	0.0173	0.0095	0.0026	0.003	0.0016	0.003	1.29
40238226	CRLK-BC-216	70	73	0.0499	0.0607	0.0068	0.01	0.0247	0.11	0.14
40238227	CRLK-BC-216	73	76	0.0802	0.0575	0.0061	0.017	0.0271	0.168	0.2
40238228	CRLK-BC-216	76	79	0.0674	0.0651	0.007	0.018	0.045	0.202	0.16
40238229	CRLK-BC-216	79	82	0.104	0.0982	0.0075	0.027	0.0534	0.336	0.3
40238230	CRLK-BC-216	82	85	0.0591	0.0671	0.007	0.017	0.0293	0.21	0.16
40238231	CRLK-BC-216	85	88	0.0347	0.0448	0.0058	0.008	0.0159	0.092	0.1
40238232	CRLK-BC-216	88	91	0.0247	0.0413	0.006	0.006	0.0176	0.091	0.07
40238233	CRLK-BC-216	91	94	0.027	0.0437	0.006	0.008	0.0184	0.086	0.08
40238234	CRLK-BC-216	94	97	0.0837	0.0641	0.0062	0.023	0.0402	0.263	0.25
40238236	CRLK-BC-216	97	100	0.0947	0.0729	0.008	0.02	0.033	0.207	0.7
40238237	CRLK-BC-216	100	103	0.143	0.0938	0.0092	0.03	0.0853	0.258	0.94
40238238	CRLK-BC-216	103	105.4	0.208	0.14	0.0156	0.043	0.083	0.373	2.41
40238239	CRLK-BC-216	105.4	105.46	0.63	0.499	0.063	0.053	0.0372	0.351	11.65
40238240	CRLK-BC-216	105.46	107.9	0.233	0.166	0.0192	0.029	0.0446	0.227	3.12
40238242	CRLK-BC-216	107.9	108.51	0.0668	0.034	0.0048	0.012	0.0149	0.066	0.31

40238243	CRLK-BC-216	108.51	111	0.0674	0.0495	0.0046	0.018	0.0371	0.087	0.45
40238244	CRLK-BC-216	111	114	0.0447	0.0292	0.0038	0.009	0.0106	0.044	0.29
40238246	CRLK-BC-216	114	117	0.1465	0.119	0.0143	0.017	0.0662	0.117	2.47
40238247	CRLK-BC-216	117	118.26	0.37	0.251	0.0269	0.02	0.0405	0.208	4.84
40238248	CRLK-BC-216	118.26	119.33	1.65	1.345	0.141	0.096	0.166	0.987	28.8
40238251	CRLK-BC-216	119.33	122	0.66	0.167	0.0065	0.062	0.183	0.489	0.92
40238252	CRLK-BC-216	122	122.78	0.1035	0.0266	0.0026	0.035	0.0215	0.055	0.13
40238253	CRLK-BC-216	122.78	123.4	10.35	4.81	0.089	3.17	2.61	13.45	16.7
40238255	CRLK-BC-216	123.4	124.97	0.271	0.015	0.0021	0.024	0.0128	0.047	0.28
40237776	CRLK-BC-300	6.1	6.2	0.0117	0.0088	0.0037	0.002	0.0063	0.012	0.05
40237777	CRLK-BC-300	18.3	18.4	0.0143	0.0173	0.0063	0.003	0.0073	0.015	0.14
40237778	CRLK-BC-300	36.6	36.7	0.0139	0.0162	0.0052	0.002	0.0076	0.013	0.03
40237779	CRLK-BC-300	48.8	48.9	0.0122	0.0107	0.0042	0.004	0.0076	0.014	0.05
40237781	CRLK-BC-300	54.9	55	0.006	0.0124	0.0047	0.001	0.0126	0.025	0.02
40237782	CRLK-BC-300	60.9	61	0.014	0.0109	0.0042	0.005	0.0076	0.009	0.05
40237783	CRLK-BC-300	67	67.2	0.0155	0.0105	0.0043	0.002	0.0057	0.01	0.05
40237784	CRLK-BC-300	85.3	85.4	0.0144	0.011	0.0043	0.004	0.0071	0.017	0.05
40237785	CRLK-BC-300	91.4	91.5	0.0029	0.0117	0.004	0.001	0.0062	0.015	0.01
40237786	CRLK-BC-300	97.5	97.6	0.012	0.0127	0.0044	0.004	0.0061	0.016	0.04
40237787	CRLK-BC-300	109.7	109.8	0.0156	0.013	0.0046	0.005	0.0097	0.016	0.05
40237788	CRLK-BC-300	128	128.1	0.0171	0.0153	0.0053	0.004	0.0079	0.012	0.05
40237789	CRLK-BC-300	134.1	134.2	0.0155	0.0151	0.005	0.003	0.0108	0.017	0.05
40237791	CRLK-BC-300	140.2	140.3	0.0164	0.0163	0.0053	0.004	0.0087	0.016	0.05
40237792	CRLK-BC-300	152.4	152.5	0.0143	0.0163	0.0055	0.003	0.0076	0.01	0.05
40237793	CRLK-BC-300	158.5	158.6	0.0159	0.0215	0.0064	0.002	0.0113	0.015	0.06
40237794	CRLK-BC-300	176.8	176.9	0.0151	0.0187	0.0057	0.003	0.0108	0.008	0.06
40237795	CRLK-BC-300	201.2	201.3	0.0175	0.0209	0.0056	0.003	0.0047	0.005	0.06
40237796	CRLK-BC-300	207.3	207.4	0.0156	0.0202	0.0054	0.004	0.0045	0.005	0.06
40237797	CRLK-BC-300	225.5	225.6	0.0119	0.0208	0.005	0.003	0.001	0.001	0.04
40237798	CRLK-BC-300	237.7	237.8	0.0133	0.0203	0.0052	0.003	0.0051	0.005	0.05
40237799	CRLK-BC-300	249.9	250	0.0083	0.0278	0.0061	0.001	0.0074	0.006	0.04
40237801	CRLK-BC-300	259	259.1	0.013	0.0219	0.0055	0.002	0.0064	0.006	0.05
40237802	CRLK-BC-300	271.3	271.4	0.0163	0.0245	0.0056	0.005	0.0039	0.003	0.06
40237803	CRLK-BC-300	286.5	286.6	0.0155	0.0224	0.0051	0.002	0.0061	0.003	0.05
40237804	CRLK-BC-300	301.7	301.8	0.0143	0.0261	0.0059	0.002	0.0018	0.002	0.06
40237805	CRLK-BC-300	311.77	314	0.0181	0.0267	0.0063	0.006	0.0117	0.013	0.06
40237806	CRLK-BC-300	314	317	0.0192	0.0234	0.0064	0.007	0.0069	0.007	0.07
40237807	CRLK-BC-300	317	320	0.0176	0.0248	0.0064	0.005	0.0086	0.007	0.06
40237808	CRLK-BC-300	320	323	0.0177	0.026	0.0065	0.004	0.0185	0.029	0.05
40237809	CRLK-BC-300	323	325.62	0.0174	0.0224	0.0062	0.005	0.0176	0.02	0.06
40237811	CRLK-BC-300	333.67	335	0.0197	0.0279	0.007	0.006	0.0061	0.009	0.07
40237813	CRLK-BC-300	335	336.5	0.0191	0.0254	0.0064	0.003	0.0075	0.013	0.06
40237814	CRLK-BC-300	336.5	338	0.0191	0.0278	0.0067	0.003	0.0062	0.009	0.05
40237815	CRLK-BC-300	338	341	0.019	0.0282	0.0065	0.004	0.0065	0.008	0.05
40237816	CRLK-BC-300	341	344	0.021	0.0277	0.0067	0.003	0.0072	0.008	0.05
40237817	CRLK-BC-300	344	347	0.0195	0.0324	0.0072	0.003	0.0065	0.007	0.07
40237818	CRLK-BC-300	347	350	0.0183	0.0296	0.0067	0.003	0.0067	0.008	0.06

40237819	CRLK-BC-300	350	353	0.0184	0.0292	0.0067	0.003	0.005	0.008	0.07
40237821	CRLK-BC-300	353	356	0.0212	0.0308	0.0074	0.003	0.0062	0.008	0.08
40237822	CRLK-BC-300	356	359	0.0169	0.0285	0.0066	0.003	0.0058	0.007	0.07
40237823	CRLK-BC-300	359	362	0.0177	0.0294	0.0069	0.003	0.0078	0.01	0.06
40237824	CRLK-BC-300	362	366	0.0156	0.0274	0.0061	0.003	0.0094	0.016	0.04
40237825	CRLK-BC-300	366	369	0.0147	0.025	0.006	0.003	0.0158	0.028	0.05
40237826	CRLK-BC-300	369	370.72	0.017	0.0326	0.0069	0.006	0.0166	0.023	0.05
40237827	CRLK-BC-300	377.82	379	0.0149	0.0278	0.006	0.003	0.0036	0.008	0.05
40237828	CRLK-BC-300	379	381	0.0218	0.035	0.0074	0.004	0.0046	0.018	0.05
40237829	CRLK-BC-300	381	384	0.0211	0.0354	0.0076	0.004	0.0054	0.028	0.07
40237832	CRLK-BC-300	384	384.54	0.0237	0.0372	0.0078	0.003	0.0055	0.02	0.08
40237833	CRLK-BC-300	394.85	396	0.0309	0.0381	0.0053	0.007	0.0174	0.028	0.07
40237834	CRLK-BC-300	396	398	0.0132	0.0257	0.0049	0.002	0.0061	0.009	0.04
40237835	CRLK-BC-300	398	400	0.0265	0.0395	0.0063	0.003	0.0075	0.016	0.06
40237836	CRLK-BC-300	400	402.22	0.0241	0.0427	0.0066	0.004	0.0156	0.028	0.05
40237838	CRLK-BC-300	415.58	419	0.0255	0.051	0.0066	0.007	0.0137	0.047	0.1
40237839	CRLK-BC-300	419	422	0.196	0.114	0.0078	0.037	0.0726	0.304	0.43
40237841	CRLK-BC-300	422	425	0.219	0.1575	0.0085	0.034	0.0693	0.307	0.68
40237842	CRLK-BC-300	425	428	0.1835	0.118	0.0082	0.032	0.076	0.322	0.68
40237843	CRLK-BC-300	428	431	0.203	0.126	0.0097	0.036	0.0761	0.317	1.11
40237844	CRLK-BC-300	431	432.75	0.159	0.102	0.008	0.034	0.0693	0.331	1.01
40237845	CRLK-BC-300	432.75	436	0.207	0.1125	0.0117	0.034	0.0594	0.253	1.94
40237846	CRLK-BC-300	436	439	0.112	0.0588	0.0079	0.017	0.0297	0.116	0.83
40237847	CRLK-BC-300	439	442	0.1665	0.107	0.0147	0.011	0.0302	0.105	3.06
40237848	CRLK-BC-300	442	445	0.2	0.1165	0.0114	0.03	0.0555	0.218	1.79
40237849	CRLK-BC-300	445	446.57	0.311	0.1755	0.0117	0.068	0.111	0.374	1.72
40237851	CRLK-BC-300	446.57	446.94	0.952	0.646	0.0974	0.04	0.0441	0.202	23.1
40237852	CRLK-BC-300	446.94	449	0.1195	0.159	0.014	0.02	0.0768	0.261	2.04
40237853	CRLK-BC-300	449	452	0.287	0.184	0.0146	0.051	0.0886	0.308	2.33
40237854	CRLK-BC-300	452	455	0.166	0.1355	0.0236	0.015	0.0194	0.059	3.92
40237855	CRLK-BC-300	455	457	0.148	0.1145	0.0086	0.016	0.0224	0.096	1.03
40237856	CRLK-BC-300	457	460	0.1675	0.0958	0.007	0.009	0.0168	0.063	0.84
40237857	CRLK-BC-300	460	463	0.0157	0.005	0.0018	0.004	0.0036	0.011	0.03
40237858	CRLK-BC-300	463	466	0.0074	0.0036	0.0022	0.008	0.0025	0.01	0.01
40237859	CRLK-BC-300	466	469	0.008	0.0027	0.0018	0.003	0.0023	0.008	0.01
40237861	CRLK-BC-300	469	472	0.0068	0.0026	0.001	0.003	0.0026	0.009	0.01
40237862	CRLK-BC-300	472	475	0.0129	0.0045	0.0011	0.004	0.003	0.01	0.03
40237863	CRLK-BC-300	475	478.3	0.0127	0.0033	0.002	0.003	0.0021	0.008	0.07
40237864	CRLK-BC-300	478.3	481	0.0133	0.0031	0.0038	0.003	0.0027	0.003	0.05
40237865	CRLK-BC-300	481	484	0.0239	0.0017	0.0029	0.004	0.002	0.005	0.06
40237866	CRLK-BC-300	484	487	0.02	0.0028	0.0029	0.007	0.0029	0.007	0.08
40237867	CRLK-BC-300	487	490	0.0131	0.003	0.003	0.008	0.0026	0.006	0.09
40237868	CRLK-BC-300	490	493	0.0094	0.0026	0.0029	0.006	0.0027	0.007	0.12
40237869	CRLK-BC-300	493	497	0.0119	0.0019	0.0029	0.004	0.0029	0.007	0.11
40237871	CRLK-BC-300	503.53	506	0.0133	0.0019	0.004	0.003	0.0036	0.009	0.1
40237872	CRLK-BC-300	506	509	0.0095	0.0058	0.0044	0.008	0.0051	0.014	0.1
40237873	CRLK-BC-300	509	512	0.0258	0.0118	0.0053	0.007	0.0069	0.02	0.17

40237874	CRLK-BC-300	512	515	0.0356	0.0148	0.0045	0.008	0.0103	0.03	0.19
40237875	CRLK-BC-300	515	518	0.0111	0.0062	0.0037	0.007	0.0064	0.019	0.07
40237876	CRLK-BC-300	518	519.58	0.0086	0.0059	0.0035	0.005	0.007	0.017	0.05
40237877	CRLK-BC-300	526.7	529.5	0.0678	0.0442	0.0103	0.013	0.0216	0.066	0.98
40237878	CRLK-BC-300	529.5	533.4	0.102	0.0788	0.0117	0.018	0.0254	0.098	1.29
40237879	CRLK-BC-300	556.5	559	0.0515	0.042	0.0044	0.016	0.0324	0.056	0.13
40237881	CRLK-BC-300	559	562	0.0644	0.0488	0.0048	0.013	0.0253	0.115	0.17
40237882	CRLK-BC-300	562	565	0.0154	0.0266	0.0052	0.004	0.0076	0.009	0.05
40237883	CRLK-BC-300	565	568	0.0142	0.0282	0.005	0.003	0.0065	0.012	0.05
40237884	CRLK-BC-300	568	571	0.0128	0.0319	0.0052	0.002	0.0058	0.01	0.05
40237885	CRLK-BC-300	571	574	0.0128	0.0349	0.0054	0.002	0.003	0.005	0.05
40237886	CRLK-BC-300	574	577	0.0128	0.0424	0.0058	0.002	0.0037	0.007	0.05
40237887	CRLK-BC-300	577	580	0.012	0.0405	0.0059	0.001	0.0024	0.004	0.06
40237888	CRLK-BC-300	580	583	0.0125	0.0331	0.0053	0.001	0.0017	0.002	0.09
40237889	CRLK-BC-300	583	586	0.0142	0.0258	0.0045	0.002	0.0023	0.004	0.08
40237891	CRLK-BC-300	586	589	0.0118	0.0223	0.0042	0.002	0.0026	0.004	0.06
40237892	CRLK-BC-300	589	592	0.0114	0.0239	0.0043	0.002	0.0018	0.003	0.06
40237893	CRLK-BC-300	592	595	0.0111	0.0318	0.005	0.002	0.0054	0.009	0.05
40237894	CRLK-BC-300	595	598	0.0182	0.0379	0.0053	0.003	0.0074	0.019	0.1
40237895	CRLK-BC-300	598	600.15	0.0198	0.039	0.0055	0.003	0.0049	0.012	0.15
40237896	CRLK-BC-300	600.15	603	0.0141	0.0444	0.0061	0.002	0.0041	0.008	0.04
40237897	CRLK-BC-300	603	606	0.0176	0.0463	0.0063	0.003	0.0045	0.012	0.2
40237898	CRLK-BC-300	606	609	0.0135	0.0469	0.0062	0.003	0.0053	0.009	0.04
40237899	CRLK-BC-300	609	612	0.0136	0.043	0.0058	0.003	0.0058	0.012	0.05
40238101	CRLK-BC-300	612	615	0.0126	0.0423	0.0058	0.002	0.0045	0.009	0.04
40238102	CRLK-BC-300	615	618	0.0132	0.0439	0.006	0.002	0.0039	0.008	0.04
40238103	CRLK-BC-300	618	621	0.0144	0.0367	0.0057	0.003	0.0069	0.013	0.05
40238104	CRLK-BC-300	621	624	0.0129	0.0224	0.0047	0.002	0.0061	0.012	0.06
40238105	CRLK-BC-300	624	627	0.0144	0.0481	0.0065	0.002	0.0063	0.016	0.05
40238106	CRLK-BC-300	627	630	0.0114	0.045	0.0059	0.002	0.0052	0.01	0.04
40238107	CRLK-BC-300	630	633	0.0132	0.0382	0.0056	0.003	0.0057	0.011	0.04
40238108	CRLK-BC-300	633	636	0.0119	0.0478	0.0061	0.003	0.0072	0.018	0.05
40238109	CRLK-BC-300	636	639	0.0119	0.0448	0.006	0.003	0.0066	0.013	0.04
40238111	CRLK-BC-300	639	642	0.0117	0.0467	0.006	0.003	0.0067	0.014	0.04
40238112	CRLK-BC-300	642	645	0.0125	0.0458	0.006	0.003	0.007	0.013	0.04
40238113	CRLK-BC-300	645	648	0.0132	0.0451	0.006	0.003	0.0064	0.016	0.04
40238114	CRLK-BC-300	648	651	0.0134	0.041	0.0057	0.003	0.0067	0.015	0.04
40238115	CRLK-BC-300	651	654	0.0201	0.0347	0.0053	0.004	0.0095	0.023	0.07
40238116	CRLK-BC-300	654	657	0.0173	0.0309	0.0054	0.004	0.0112	0.03	0.06
40238117	CRLK-BC-300	657	660	0.0155	0.0451	0.0063	0.002	0.0064	0.014	0.07
40238118	CRLK-BC-300	660	663	0.0108	0.0518	0.0067	0.002	0.0046	0.01	0.05
40238119	CRLK-BC-300	663	666	0.0127	0.0444	0.0063	0.003	0.0069	0.016	0.04
40238121	CRLK-BC-300	666	669	0.0175	0.0247	0.005	0.006	0.0156	0.027	0.06
40238122	CRLK-BC-300	669	670.26	0.0186	0.0261	0.0055	0.004	0.0099	0.024	0.06
40238123	CRLK-BC-300	675	678	0.1725	0.117	0.0108	0.026	0.0588	0.24	0.93
40238124	CRLK-BC-300	683.06	686	0.324	0.1875	0.015	0.053	0.0729	0.432	1.81
40238125	CRLK-BC-300	686	689	0.462	0.291	0.0224	0.069	0.1185	0.658	3.04

40238126	CRLK-BC-300	689	692	0.473	0.235	0.0125	0.084	0.131	0.678	1.51
40238127	CRLK-BC-300	692	695	0.195	0.1055	0.0105	0.025	0.0381	0.166	1.11
40238128	CRLK-BC-300	695	698	0.0861	0.0406	0.006	0.014	0.0195	0.083	0.24
40238129	CRLK-BC-300	698	700.13	0.0829	0.0414	0.0074	0.009	0.016	0.045	0.68
40238131	CRLK-BC-300	700.13	703	0.0051	0.0073	0.0017	0.001	0.0012	0.002	0.04
40238132	CRLK-BC-300	703	706.22	0.0067	0.0091	0.0021	0.001	0.0015	0.002	0.26
40234137	CRLK-BC-401	5.18	8	0.0134	0.0098	0.0044	0.003	0.0017	0.002	0.05
40234138	CRLK-BC-401	8	11	0.017	0.0129	0.0052	0.004	0.0026	0.003	0.05
40234139	CRLK-BC-401	11	14.05	0.0821	0.0608	0.0126	0.014	0.0168	0.02	0.67
40234141	CRLK-BC-401	14.05	17	0.055	0.0434	0.0067	0.008	0.013	0.039	0.28
40234142	CRLK-BC-401	17	20	0.0847	0.053	0.005	0.009	0.0243	0.067	0.22
40234143	CRLK-BC-401	20	23	0.067	0.0397	0.0045	0.015	0.0211	0.052	0.14
40234144	CRLK-BC-401	23	25	0.121	0.074	0.0065	0.013	0.0289	0.088	0.16
40234145	CRLK-BC-401	25	27.03	0.0308	0.0349	0.005	0.004	0.01	0.017	0.05
40234146	CRLK-BC-401	27.03	27.52	0.0203	0.0166	0.0055	0.003	0.0148	0.017	0.06
40234147	CRLK-BC-401	33.52	33.6	0.024	0.0141	0.0054	0.008	0.0176	0.024	0.08
40234148	CRLK-BC-401	39.62	39.7	0.019	0.0151	0.006	0.003	0.0313	0.064	0.08
40234149	CRLK-BC-401	45.72	45.8	0.0054	0.0107	0.0041	0.005	0.0093	0.008	0.06
40234151	CRLK-BC-401	51.81	51.9	0.0173	0.0059	0.004	0.009	0.0102	0.009	0.14
40234152	CRLK-BC-401	59.43	59.53	0.0163	0.0055	0.004	0.003	0.0067	0.006	0.1
40234153	CRLK-BC-401	65.53	65.6	0.0225	0.005	0.0042	0.002	0.0082	0.006	0.13
40234154	CRLK-BC-401	71.62	71.8	0.0184	0.0053	0.0037	0.002	0.0076	0.007	0.08
40234155	CRLK-BC-401	77.72	77.8	0.0215	0.0048	0.0039	0.003	0.007	0.006	0.13
40234156	CRLK-BC-401	83.82	83.9	0.0213	0.0053	0.0046	0.003	0.0078	0.007	0.14
40234157	CRLK-BC-401	89.91	90	0.0223	0.0043	0.0045	0.001	0.0071	0.002	0.1
40234158	CRLK-BC-401	96.01	96.1	0.0149	0.0025	0.0032	0.004	0.003	0.004	0.08
40234159	CRLK-BC-401	102.08	102.15	0.017	0.0026	0.0032	0.001	0.0035	0.004	0.19
40234161	CRLK-BC-401	108.2	108.3	0.024	0.0093	0.0057	0.003	0.0019	0.006	0.14
40234162	CRLK-BC-401	114.5	114.55	0.027	0.0064	0.0051	0.003	0.0056	0.007	0.09
40234163	CRLK-BC-401	120.39	120.5	0.0261	0.007	0.0058	0.003	0.0059	0.011	0.1
40234164	CRLK-BC-401	126.49	126.55	0.0161	0.0049	0.0037	0.002	0.0069	0.007	0.04
40234165	CRLK-BC-401	132.58	132.7	0.0144	0.0067	0.0037	0.003	0.0062	0.011	0.05
40234166	CRLK-BC-401	138.68	138.78	0.0221	0.0117	0.0057	0.003	0.0048	0.008	0.11
40234167	CRLK-BC-401	144.78	144.9	0.0172	0.0071	0.0038	0.004	0.0007	0.001	0.02
40234168	CRLK-BC-401	150.87	150.97	0.0181	0.0066	0.0041	0.002	0.0011	0.001	0.04
40234169	CRLK-BC-401	156.97	157.04	0.0221	0.0106	0.0058	0.002	0.0005	0.001	0.08
40234171	CRLK-BC-401	163.06	163.16	0.0149	0.0045	0.0031	0.002	0.0009	0.001	0.04
40234172	CRLK-BC-401	169.16	169.26	0.0189	0.0094	0.005	0.001	0.00025	0.0005	0.06
40234173	CRLK-BC-401	175.26	175.34	0.0005	0.0061	0.0015	0.004	0.001	0.001	0.01
40234174	CRLK-BC-401	181.35	181.42	0.0244	0.0064	0.0045	0.002	0.0008	0.0005	0.12
40234175	CRLK-BC-401	187.45	187.53	0.0157	0.0084	0.0043	0.003	0.0057	0.004	0.02
40234176	CRLK-BC-401	193.54	193.61	0.0199	0.0069	0.0044	0.002	0.0037	0.004	0.03
40234177	CRLK-BC-401	199.64	199.71	0.0219	0.0087	0.005	0.002	0.0225	0.041	0.11
40234178	CRLK-BC-401	208.78	208.84	0.0215	0.0087	0.0047	0.002	0.0019	0.003	0.06
40234179	CRLK-BC-401	214.88	214.98	0.0207	0.0097	0.0051	0.002	0.0035	0.006	0.03
40234181	CRLK-BC-401	219.45	219.53	0.0249	0.0108	0.0058	0.002	0.0213	0.006	0.12
40234182	CRLK-BC-401	225.55	225.65	0.025	0.0064	0.0048	0.003	0.0049	0.005	0.09

40234183	CRLK-BC-401	231.69	231.78	0.022	0.0101	0.0055	0.002	0.0021	0.005	0.1
40234184	CRLK-BC-401	237.7	237.8	0.0142	0.0051	0.0039	0.001	0.0006	0.001	0.03
40234185	CRLK-BC-401	243.84	243.9	0.0112	0.0042	0.0035	0.001	0.00025	0.0005	0.02
40234186	CRLK-BC-401	249.93	250	0.0247	0.0049	0.004	0.002	0.0033	0.003	0.1
40234187	CRLK-BC-401	256.03	256.13	0.024	0.0078	0.0052	0.005	0.0128	0.008	0.05
40234188	CRLK-BC-401	262.12	262.2	0.0229	0.0073	0.0049	0.003	0.0044	0.002	0.07
40234189	CRLK-BC-401	268.22	268.3	0.0178	0.0082	0.0047	0.004	0.0246	0.036	0.04
40234191	CRLK-BC-401	274.32	274.42	0.0315	0.011	0.006	0.014	0.0155	0.007	0.07
40234192	CRLK-BC-401	280.41	280.5	0.0264	0.0078	0.0053	0.004	0.0167	0.01	0.1
40234193	CRLK-BC-401	284.98	285.08	0.0241	0.0102	0.0055	0.005	0.0307	0.023	0.08
40234194	CRLK-BC-401	289.56	289.66	0.0266	0.0088	0.0049	0.004	0.0108	0.007	0.1
40234195	CRLK-BC-401	369.6	372	0.0223	0.0152	0.0056	0.013	0.0061	0.004	0.06
40234196	CRLK-BC-401	372	375	0.023	0.0174	0.0058	0.003	0.0045	0.005	0.07
40234197	CRLK-BC-401	375	378	0.0212	0.0179	0.0058	0.003	0.0053	0.007	0.07
40234198	CRLK-BC-401	378	381	0.0202	0.0174	0.0056	0.003	0.0065	0.007	0.08
40234199	CRLK-BC-401	381	384	0.0205	0.019	0.0055	0.003	0.007	0.008	0.07
40234201	CRLK-BC-401	384	387	0.0174	0.0222	0.0059	0.003	0.0028	0.004	0.07
40234202	CRLK-BC-401	387	390	0.0186	0.0244	0.0062	0.003	0.0052	0.01	0.08
40234203	CRLK-BC-401	390	393	0.018	0.0349	0.0064	0.003	0.0146	0.033	0.06
40234204	CRLK-BC-401	393	396	0.0133	0.039	0.0072	0.004	0.011	0.015	0.05
40234205	CRLK-BC-401	396	399	0.0136	0.0388	0.0064	0.003	0.0121	0.015	0.05
40234206	CRLK-BC-401	399	402	0.0146	0.0284	0.0054	0.003	0.0076	0.011	0.05
40234207	CRLK-BC-401	402	404	0.0111	0.0407	0.0063	0.002	0.006	0.016	0.05
40234208	CRLK-BC-401	404	406	0.0137	0.0518	0.0071	0.004	0.0107	0.047	0.05
40234209	CRLK-BC-401	413.82	416.97	0.507	0.228	0.01	0.067	0.128	0.717	1.18
40234211	CRLK-BC-401	416.97	420	0.405	0.1625	0.009	0.048	0.0912	0.432	0.91
40234212	CRLK-BC-401	420	423	0.256	0.114	0.0086	0.028	0.0567	0.253	0.7
40234213	CRLK-BC-401	423	425	0.133	0.0693	0.0095	0.017	0.0457	0.137	0.53
40234214	CRLK-BC-401	425	427.35	0.1035	0.0531	0.0077	0.012	0.0301	0.111	0.48
40234215	CRLK-BC-401	427.35	430	0.0756	0.041	0.0064	0.011	0.0293	0.077	0.23
40234216	CRLK-BC-401	430	433	0.184	0.0941	0.0087	0.024	0.0438	0.153	0.66
40234217	CRLK-BC-401	433	436	0.209	0.103	0.0093	0.027	0.0438	0.183	0.69
40234218	CRLK-BC-401	436	439	0.288	0.14	0.0101	0.031	0.0449	0.25	1
40234219	CRLK-BC-401	439	442	0.295	0.13	0.0098	0.031	0.0869	0.225	0.93
40234221	CRLK-BC-401	442	445	0.148	0.0729	0.0069	0.017	0.0313	0.118	0.47
40234222	CRLK-BC-401	445	448	0.162	0.089	0.0094	0.021	0.0361	0.133	0.51
40234223	CRLK-BC-401	448	451	0.03	0.0375	0.0054	0.008	0.0174	0.058	0.08
40234224	CRLK-BC-401	451	454	0.0134	0.0283	0.0056	0.005	0.017	0.022	0.05
40234225	CRLK-BC-401	454	457	0.0132	0.0315	0.0055	0.002	0.0055	0.009	0.05
40234226	CRLK-BC-401	457	460	0.014	0.0286	0.0054	0.002	0.0058	0.011	0.05
40234227	CRLK-BC-401	460	463	0.0147	0.031	0.0055	0.002	0.0047	0.01	0.06
40234228	CRLK-BC-401	463	466	0.0441	0.0379	0.0066	0.007	0.0221	0.026	0.15
40234229	CRLK-BC-401	466	469	0.0961	0.0624	0.0094	0.018	0.0266	0.064	0.69
40234231	CRLK-BC-401	469	472	0.102	0.0539	0.0073	0.007	0.0138	0.043	0.64
40234232	CRLK-BC-401	472	475	0.0692	0.0493	0.0064	0.009	0.0143	0.053	0.44
40234233	CRLK-BC-401	475	478	0.0468	0.0426	0.0062	0.008	0.0146	0.051	0.41
40234234	CRLK-BC-401	478	481	0.127	0.0716	0.0087	0.018	0.0179	0.084	1.01

40234235	CRLK-BC-401	481	484	0.098	0.0503	0.0066	0.006	0.013	0.063	1.18
40234236	CRLK-BC-401	484	487	0.186	0.0921	0.0086	0.009	0.0233	0.11	1.18
40234237	CRLK-BC-401	487	488.8	0.133	0.0813	0.0078	0.013	0.0323	0.109	0.8
40234238	CRLK-BC-401	488.8	492	0.0848	0.0473	0.0057	0.006	0.0167	0.077	0.44
40234239	CRLK-BC-401	492	495.6	0.0533	0.0408	0.0028	0.001	0.0129	0.049	0.12
40233932	CRLK-BC-403	237	240	0.021	0.0132	0.0058	0.006	0.0155	0.009	0.06
40233933	CRLK-BC-403	240	243	0.0184	0.0126	0.0051	0.004	0.0099	0.012	0.04
40233934	CRLK-BC-403	243	246	0.0175	0.0127	0.0052	0.006	0.0182	0.016	0.03
40233935	CRLK-BC-403	246	249	0.021	0.0117	0.0051	0.008	0.0192	0.019	0.02
40233936	CRLK-BC-403	249	252	0.0217	0.0116	0.0052	0.006	0.0118	0.008	0.06
40233937	CRLK-BC-403	252	255	0.0221	0.0143	0.0059	0.007	0.0152	0.017	0.06
40233938	CRLK-BC-403	255	258	0.0229	0.0133	0.0054	0.006	0.0141	0.011	0.05
40233939	CRLK-BC-403	258	261	0.019	0.0142	0.0053	0.005	0.0105	0.009	0.06
40233941	CRLK-BC-403	261	264	0.0174	0.0134	0.005	0.005	0.009	0.012	0.04
40233942	CRLK-BC-403	264	267	0.0214	0.0137	0.0055	0.005	0.0147	0.01	0.06
40233943	CRLK-BC-403	267	270	0.0197	0.0151	0.0052	0.005	0.0096	0.008	0.04
40233944	CRLK-BC-403	270	273	0.0165	0.0176	0.0056	0.003	0.008	0.008	0.06
40233945	CRLK-BC-403	273	276	0.0134	0.019	0.0054	0.003	0.0062	0.006	0.05
40233946	CRLK-BC-403	276	279	0.0135	0.0188	0.0053	0.002	0.0048	0.005	0.03
40233947	CRLK-BC-403	279	282	0.0152	0.0215	0.0057	0.003	0.0038	0.005	0.05
40233948	CRLK-BC-403	282	285	0.0126	0.0259	0.0056	0.003	0.0054	0.007	0.03
40233949	CRLK-BC-403	285	288	0.0122	0.0255	0.0053	0.002	0.005	0.005	0.03
40233951	CRLK-BC-403	288	291	0.0127	0.0267	0.0056	0.002	0.0074	0.007	0.03
40233952	CRLK-BC-403	291	294	0.0338	0.0323	0.0058	0.005	0.0104	0.033	0.08
40233953	CRLK-BC-403	294	297	0.0409	0.0356	0.0057	0.007	0.012	0.026	0.08
40233954	CRLK-BC-403	297	300	0.0205	0.0316	0.0061	0.002	0.007	0.011	0.06
40233955	CRLK-BC-403	300	303	0.0348	0.0346	0.0061	0.007	0.0146	0.024	0.1
40233956	CRLK-BC-403	303	306	0.0181	0.0436	0.0066	0.003	0.006	0.016	0.08
40233957	CRLK-BC-403	306	309	0.0271	0.0474	0.0066	0.005	0.0072	0.02	0.14
40233958	CRLK-BC-403	309	312	0.021	0.0332	0.0055	0.004	0.0064	0.047	0.08
40233959	CRLK-BC-403	312	315	0.0136	0.0239	0.0051	0.002	0.006	0.007	0.05
40233961	CRLK-BC-403	315	317	0.0354	0.0332	0.0055	0.007	0.0139	0.038	0.09
40233962	CRLK-BC-403	317	319.1	0.012	0.0381	0.0057	0.003	0.0074	0.028	0.05
40233963	CRLK-BC-403	319.1	321	0.0196	0.0387	0.0064	0.002	0.0043	0.009	0.09
40233964	CRLK-BC-403	321	323.1	0.0834	0.069	0.0081	0.01	0.0167	0.063	0.33
40233965	CRLK-BC-403	323.1	326	0.0595	0.0603	0.0064	0.007	0.0357	0.063	0.17
40233966	CRLK-BC-403	326	329	0.0114	0.0386	0.0062	0.003	0.0079	0.011	0.04
40233967	CRLK-BC-403	329	331.88	0.0403	0.0438	0.0065	0.007	0.0353	0.036	0.11
40233968	CRLK-BC-403	331.88	334	0.0508	0.044	0.0061	0.01	0.043	0.054	0.13
40233969	CRLK-BC-403	334	337	0.0094	0.033	0.006	0.002	0.007	0.029	0.05
40233971	CRLK-BC-403	337	339.4	0.237	0.137	0.01	0.035	0.139	0.287	0.71
40233972	CRLK-BC-403	346.86	348	0.1705	0.132	0.0109	0.041	0.0587	0.235	0.94
40233973	CRLK-BC-403	348	350	0.393	0.246	0.0148	0.076	0.171	0.436	1.05
40233974	CRLK-BC-403	350	352	0.202	0.137	0.0114	0.04	0.072	0.245	0.93
40233975	CRLK-BC-403	352	354.75	0.1435	0.0678	0.0083	0.015	0.0319	0.111	0.52
40238001	CRLK-TB-14	784.49	787	0.0078	0.048	0.0054	0.001	0.0031	0.006	0.04
40238002	CRLK-TB-14	787	790	0.0207	0.0534	0.0058	0.004	0.0103	0.041	0.06

40238003	CRLK-TB-14	790	793	0.103	0.0823	0.0064	0.041	0.0514	0.193	0.17
40238004	CRLK-TB-14	793	796	0.0464	0.0688	0.0065	0.007	0.0242	0.077	0.1
40238005	CRLK-TB-14	796	799.24	0.076	0.088	0.0068	0.019	0.0414	0.203	0.17
40238006	CRLK-TB-14	998.22	1000.35	0.387	0.1745	0.0084	0.051	0.161	0.55	0.74
40238007	CRLK-TB-14	1000.35	1003.4	0.25	0.14	0.0078	0.058	0.11	0.356	0.61
40238008	CRLK-TB-14	1003.4	1006.45	0.16	0.0931	0.0065	0.037	0.0599	0.289	0.37
40238009	CRLK-TB-14	1006.45	1009.5	0.0945	0.0711	0.0065	0.021	0.0402	0.225	0.25
40238011	CRLK-TB-14	1009.5	1012.55	0.262	0.135	0.0079	0.046	0.0748	0.424	0.67
40238012	CRLK-TB-14	1012.55	1015.59	0.368	0.182	0.0086	0.078	0.155	0.609	0.82
40238013	CRLK-TB-14	1015.59	1018.64	0.124	0.0836	0.0068	0.026	0.0402	0.209	0.31
40238014	CRLK-TB-14	1018.64	1021.69	0.1665	0.0992	0.007	0.031	0.0536	0.273	0.46
40238015	CRLK-TB-14	1021.69	1024.74	0.1715	0.1025	0.0072	0.031	0.0588	0.24	0.48
40238016	CRLK-TB-14	1024.74	1027.79	0.0953	0.0628	0.007	0.013	0.024	0.135	0.35
40238017	CRLK-TB-14	1027.79	1030.83	0.0585	0.0515	0.0057	0.008	0.0168	0.067	0.17
40238018	CRLK-TB-14	1030.83	1033.88	0.082	0.0592	0.0067	0.018	0.0366	0.14	0.2
40238019	CRLK-TB-14	1033.88	1036.93	0.201	0.102	0.0067	0.038	0.092	0.318	0.45
40238021	CRLK-TB-14	1036.93	1039.98	0.1305	0.0905	0.0075	0.02	0.0459	0.161	0.41
40238022	CRLK-TB-14	1039.98	1043.03	0.1275	0.0854	0.0072	0.021	0.0337	0.183	0.4
40238023	CRLK-TB-14	1043.03	1046.07	0.0942	0.0695	0.0069	0.015	0.0389	0.155	0.31
40238024	CRLK-TB-14	1046.07	1049.12	0.1415	0.0771	0.0064	0.021	0.0413	0.136	0.37
40238025	CRLK-TB-14	1049.12	1052.17	0.0866	0.0581	0.0058	0.014	0.0221	0.12	0.25
40238026	CRLK-TB-14	1052.17	1055.22	0.389	0.1685	0.0084	0.06	0.143	0.528	0.8
40238027	CRLK-TB-14	1055.22	1058.27	0.0919	0.0543	0.0058	0.017	0.0316	0.144	0.23
40238028	CRLK-TB-14	1058.27	1061.31	0.1345	0.0749	0.0059	0.018	0.035	0.202	0.28
40238029	CRLK-TB-14	1061.31	1064.36	0.118	0.0613	0.0065	0.023	0.0327	0.155	0.36
40238031	CRLK-TB-14	1064.36	1067.41	0.242	0.103	0.0066	0.057	0.0995	0.472	0.52
40238032	CRLK-TB-14	1067.41	1070.46	0.2	0.0818	0.0054	0.041	0.0857	0.32	0.39
40238033	CRLK-TB-14	1070.46	1073.51	0.174	0.0831	0.0053	0.033	0.0514	0.305	0.36
40238034	CRLK-TB-14	1073.51	1076.55	0.0223	0.0264	0.0053	0.004	0.0124	0.026	0.07
40238035	CRLK-TB-14	1076.55	1079.6	0.0227	0.0177	0.005	0.003	0.0074	0.015	0.08
40238036	CRLK-TB-14	1079.6	1082.65	0.0593	0.0416	0.0049	0.009	0.0174	0.088	0.13
40238037	CRLK-TB-14	1082.65	1085.7	0.1765	0.0753	0.0067	0.029	0.0425	0.203	0.42
40238038	CRLK-TB-14	1085.7	1088.75	0.0234	0.0269	0.0051	0.003	0.0063	0.02	0.09
40238039	CRLK-TB-14	1088.75	1090.57	0.0537	0.0344	0.0052	0.015	0.0207	0.077	0.1
40238041	CRLK-TB-14	1090.57	1093.62	0.367	0.201	0.0074	0.076	0.192	0.832	0.87
40238042	CRLK-TB-14	1093.62	1096.67	0.575	0.254	0.0101	0.105	0.199	0.957	1.38
40238043	CRLK-TB-14	1096.67	1099.72	0.405	0.167	0.0081	0.115	0.19	0.635	0.82
40238044	CRLK-TB-14	1099.72	1101.39	0.379	0.154	0.0085	0.097	0.395	0.625	0.73
40238045	CRLK-TB-14	1101.39	1104.44	0.0732	0.045	0.0065	0.016	0.0234	0.097	0.26
40238046	CRLK-TB-14	1104.44	1107.49	0.0887	0.0507	0.0055	0.017	0.0317	0.171	0.17
40238047	CRLK-TB-14	1107.49	1110.54	0.152	0.0657	0.0063	0.034	0.0639	0.227	0.35
40238048	CRLK-TB-14	1110.54	1113.59	0.1605	0.0827	0.0063	0.035	0.0659	0.311	0.36
40238049	CRLK-TB-14	1113.59	1116.63	0.0877	0.0526	0.0056	0.021	0.0265	0.12	0.2
40238051	CRLK-TB-14	1116.63	1119.68	0.0527	0.0343	0.0053	0.01	0.0164	0.067	0.12
40238052	CRLK-TB-14	1119.68	1122.73	0.0171	0.0228	0.0056	0.003	0.0057	0.005	0.07
40238053	CRLK-TB-14	1122.73	1125.78	0.0152	0.0289	0.0059	0.004	0.0079	0.016	0.05
40238054	CRLK-TB-14	1125.78	1128.83	0.0826	0.0384	0.0058	0.015	0.0245	0.179	0.19

40238055	CRLK-TB-14	1128.83	1131.88	0.0713	0.0371	0.0053	0.014	0.0239	0.109	0.15
40238056	CRLK-TB-14	1131.88	1133.25	0.0643	0.0467	0.0054	0.012	0.0446	0.161	0.15
40238057	CRLK-TB-14	1133.25	1136.29	0.264	0.108	0.0079	0.04	0.0677	0.366	0.69
40238058	CRLK-TB-14	1136.29	1139.34	0.268	0.113	0.0084	0.036	0.0805	0.298	0.77
40238059	CRLK-TB-14	1139.34	1141.02	0.487	0.189	0.0096	0.073	0.0934	0.617	1.24
40238061	CRLK-TB-14	1141.02	1144.07	0.0111	0.0062	0.0017	0.002	0.0047	0.01	0.05
40238062	CRLK-TB-14	1144.07	1147.12	0.0061	0.0016	0.0006	0.001	0.0018	0.007	0.02
40238063	CRLK-TB-14	1147.12	1150.17	0.0017	0.0014	0.0008	0.001	0.00025	0.001	0.02
40238064	CRLK-TB-14	1150.17	1153.22	0.0025	0.0014	0.001	0.001	0.00025	0.001	0.02
40238065	CRLK-TB-14	1153.22	1156.27	0.0018	0.0013	0.0008	0.001	0.00025	0.0005	0.02
40238066	CRLK-TB-14	1156.27	1158.2	0.0021	0.0009	0.0005	0.001	0.00025	0.0005	0.02
40238326	CRLK-TB-17	191.6	194.6	0.0118	0.0258	0.0046	0.002	0.0038	0.008	0.04
40238327	CRLK-TB-17	194.6	197.6	0.0133	0.0379	0.0058	0.003	0.0089	0.022	0.04
40238328	CRLK-TB-17	197.6	200.6	0.0108	0.0417	0.0055	0.002	0.0069	0.013	0.03
40238329	CRLK-TB-17	200.6	202.33	0.0169	0.0422	0.0059	0.006	0.0171	0.038	0.05
40238330	CRLK-TB-17	202.33	204.06	0.015	0.0425	0.0063	0.003	0.0141	0.038	0.13
40238331	CRLK-TB-17	204.06	206.6	0.0062	0.0115	0.0017	0.001	0.0033	0.003	0.78
40238332	CRLK-TB-17	206.6	209.13	0.0056	0.009	0.0014	0.001	0.0021	0.001	1.27
40238333	CRLK-TB-17	209.13	212	0.0188	0.031	0.0048	0.005	0.0107	0.061	0.49
40238334	CRLK-TB-17	212	215	0.0113	0.0282	0.0049	0.003	0.0044	0.006	0.31
40238336	CRLK-TB-17	215	218	0.012	0.0234	0.0045	0.002	0.0053	0.008	0.06
40238337	CRLK-TB-17	218	221	0.0106	0.0393	0.0056	0.002	0.0038	0.006	0.04
40238338	CRLK-TB-17	221	224	0.0109	0.0379	0.0056	0.002	0.0041	0.008	0.05
40238339	CRLK-TB-17	224	225.86	0.0084	0.0317	0.005	0.003	0.0029	0.006	1.32
40238340	CRLK-TB-17	225.86	227.36	0.0011	0.0028	0.0004	0.001	0.0005	0.001	0.45
40238341	CRLK-TB-17	227.36	230	0.0099	0.037	0.006	0.002	0.0045	0.009	0.96
40238342	CRLK-TB-17	230	233	0.0418	0.0307	0.0064	0.007	0.0054	0.01	0.61
40238343	CRLK-TB-17	233	236	0.029	0.0403	0.0057	0.008	0.0101	0.016	0.55
40238344	CRLK-TB-17	236	237.23	0.009	0.0403	0.0055	0.002	0.0036	0.006	0.35
40238346	CRLK-TB-17	237.23	240	0.0073	0.0239	0.0038	0.004	0.0038	0.008	2.03
40238347	CRLK-TB-17	240	243	0.008	0.0287	0.0049	0.012	0.0062	0.053	2.64
40238348	CRLK-TB-17	243	246	0.0073	0.0283	0.0048	0.005	0.0047	0.012	3.37
40238349	CRLK-TB-17	246	249	0.0082	0.0138	0.0021	0.003	0.0028	0.003	2.79
40238350	CRLK-TB-17	249	251.32	0.0164	0.022	0.0028	0.004	0.008	0.007	3.29
40238351	CRLK-TB-17	251.32	254	0.0455	0.0454	0.0077	0.025	0.0491	0.06	1.99
40238352	CRLK-TB-17	254	257	0.0736	0.0677	0.0087	0.019	0.0369	0.069	0.35
40238353	CRLK-TB-17	257	260	0.0385	0.0525	0.0082	0.009	0.0229	0.033	0.38
40238354	CRLK-TB-17	260	263	0.0475	0.0733	0.0094	0.029	0.0157	0.041	0.19
40238356	CRLK-TB-17	263	266	0.0124	0.0369	0.0058	0.004	0.006	0.014	0.03
40238357	CRLK-TB-17	266	269	0.0091	0.038	0.0059	0.003	0.0044	0.008	0.03
40238358	CRLK-TB-17	269	272	0.0142	0.0344	0.0056	0.003	0.0055	0.009	0.03
40238359	CRLK-TB-17	272	275	0.0134	0.0345	0.0056	0.003	0.0049	0.009	0.04
40238360	CRLK-TB-17	275	278	0.0148	0.0308	0.0055	0.004	0.0063	0.012	0.03
40238361	CRLK-TB-17	278	281	0.0229	0.0414	0.0062	0.004	0.0076	0.017	0.06
40238362	CRLK-TB-17	281	284	0.0299	0.0394	0.0059	0.005	0.0145	0.054	0.06
40238363	CRLK-TB-17	284	287	0.0742	0.069	0.0064	0.016	0.0354	0.131	0.17
40238364	CRLK-TB-17	287	290	0.237	0.165	0.011	0.04	0.0691	0.3	0.95

40238366	CRLK-TB-17	290	292.76	0.465	0.25	0.0152	0.068	0.125	0.495	2.09
40238367	CRLK-TB-17	292.76	295	0.0217	0.0094	0.0048	0.004	0.0061	0.015	0.05
40238368	CRLK-TB-17	295	298	0.0158	0.0098	0.0055	0.005	0.0075	0.019	0.04
40238369	CRLK-TB-17	298	301	0.0223	0.0128	0.0046	0.004	0.0076	0.02	0.07
40238370	CRLK-TB-17	301	304	0.0107	0.0106	0.0051	0.002	0.0077	0.02	0.02
40238371	CRLK-TB-17	304	307	0.0144	0.0103	0.0056	0.005	0.0077	0.02	0.02
40238372	CRLK-TB-17	307	310	0.0135	0.0088	0.0052	0.003	0.0069	0.016	0.01
40238373	CRLK-TB-17	310	313	0.0153	0.0097	0.0054	0.003	0.0067	0.015	0.01
40238374	CRLK-TB-17	313	316	0.0267	0.0085	0.0055	0.003	0.005	0.014	0.17
40238376	CRLK-TB-17	316	319	0.018	0.0072	0.0055	0.003	0.0024	0.01	0.08
40238377	CRLK-TB-17	319	322.04	0.0206	0.008	0.0056	0.001	0.0024	0.011	0.03
40238378	CRLK-TB-17	322.04	325	0.0005	0.0068	0.0016	0.0005	0.0019	0.003	0.01
40238379	CRLK-TB-17	325	327	0.0036	0.0077	0.0027	0.001	0.0035	0.007	0.02
40238380	CRLK-TB-17	327	330	0.0002	0.0061	0.0015	0.001	0.0012	0.002	0.02
40238381	CRLK-TB-17	330	333	0.0016	0.0068	0.0019	0.001	0.0015	0.002	0.07
40238382	CRLK-TB-17	333	336	0.0002	0.0064	0.0015	0.0005	0.001	0.001	0.05
40238383	CRLK-TB-17	336	339	0.0005	0.0062	0.0011	0.0005	0.0011	0.002	0.02
40238384	CRLK-TB-17	339	342	0.0003	0.0055	0.0011	0.001	0.001	0.001	0.03
40238386	CRLK-TB-17	342	345	0.0007	0.0059	0.0015	0.0005	0.001	0.001	0.02
40238387	CRLK-TB-17	345	348	0.0122	0.0095	0.0021	0.001	0.0027	0.004	0.04
40238388	CRLK-TB-17	348	351	0.0015	0.0079	0.0017	0.002	0.0022	0.003	0.01
40238389	CRLK-TB-17	351	353.26	0.0004	0.005	0.0012	0.001	0.0009	0.001	0.04
40237679	CRLK-TB-19	559.92	562	0.031	0.0291	0.0061	0.005	0.0111	0.025	0.14
40237681	CRLK-TB-19	562	565	0.0357	0.034	0.0067	0.007	0.0142	0.028	0.5
40237682	CRLK-TB-19	565	568	0.056	0.0503	0.008	0.009	0.0171	0.044	0.76
40237683	CRLK-TB-19	568	570	0.0236	0.023	0.0058	0.005	0.0088	0.016	0.2
40237684	CRLK-TB-19	570	571.8	0.0539	0.0314	0.0066	0.01	0.0132	0.03	0.4
40237685	CRLK-TB-19	571.8	574	0.0123	0.0202	0.0053	0.002	0.0091	0.01	0.05
40237686	CRLK-TB-19	574	577	0.0683	0.0327	0.0047	0.004	0.0195	0.034	0.1
40237687	CRLK-TB-19	577	578.39	0.0051	0.0047	0.0019	0.019	0.0022	0.005	0.04
40237688	CRLK-TB-19	578.39	581	0.0076	0.006	0.0042	0.002	0.0033	0.012	0.06
40237689	CRLK-TB-19	581	584	0.0147	0.0096	0.0047	0.003	0.0042	0.013	0.07
40237691	CRLK-TB-19	584	587	0.0135	0.009	0.0045	0.003	0.0025	0.012	0.07
40237692	CRLK-TB-19	587	590	0.0056	0.0042	0.0039	0.002	0.0018	0.007	0.09
40237693	CRLK-TB-19	590	593	0.0996	0.0678	0.009	0.017	0.0214	0.069	0.55
40237694	CRLK-TB-19	593	594.66	0.204	0.124	0.0079	0.031	0.053	0.146	0.57
40237695	CRLK-TB-19	594.66	597	0.0107	0.0273	0.005	0.003	0.0092	0.008	0.04
40237696	CRLK-TB-19	597	600	0.0142	0.0203	0.0048	0.003	0.0082	0.01	0.04
40237697	CRLK-TB-19	600	601.98	0.0151	0.0134	0.0045	0.003	0.0046	0.006	0.04
40237698	CRLK-TB-19	601.98	605	0.0159	0.0182	0.0048	0.003	0.0063	0.009	0.16
40237699	CRLK-TB-19	605	608	0.0114	0.0315	0.0054	0.003	0.0058	0.012	0.05
40237701	CRLK-TB-19	608	611	0.0112	0.031	0.0054	0.002	0.0062	0.011	0.05
40237702	CRLK-TB-19	611	614	0.0118	0.0335	0.0059	0.003	0.0089	0.018	0.04
40237703	CRLK-TB-19	614	617	0.0107	0.0324	0.0059	0.003	0.0103	0.022	0.03
40237704	CRLK-TB-19	617	620	0.0127	0.03	0.0055	0.003	0.0098	0.019	0.1
40237705	CRLK-TB-19	620	623	0.0132	0.0333	0.006	0.005	0.0118	0.022	0.07
40237706	CRLK-TB-19	623	626	0.0057	0.0155	0.0023	0.001	0.0038	0.008	0.2

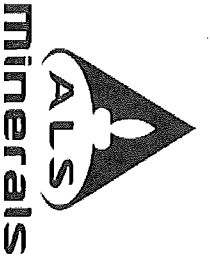
40237707	CRLK-TB-19	626	629	0.0133	0.0329	0.0056	0.004	0.0091	0.021	0.04
40237708	CRLK-TB-19	629	632	0.0127	0.028	0.0051	0.002	0.0044	0.008	0.03
40237709	CRLK-TB-19	632	635	0.0119	0.0299	0.0051	0.003	0.0059	0.009	0.03
40237711	CRLK-TB-19	635	638.57	0.0127	0.0323	0.0054	0.003	0.006	0.01	0.03
40237712	CRLK-TB-19	645.87	648	0.012	0.0328	0.0054	0.002	0.0066	0.01	0.04
40237713	CRLK-TB-19	648	651	0.0126	0.0338	0.0056	0.003	0.0068	0.01	0.04
40237714	CRLK-TB-19	651	654	0.0119	0.0362	0.0057	0.003	0.0074	0.011	0.03
40237715	CRLK-TB-19	654	657	0.0097	0.0327	0.0052	0.002	0.0074	0.01	0.09
40237716	CRLK-TB-19	657	660	0.0106	0.032	0.0051	0.003	0.0132	0.017	0.09
40237717	CRLK-TB-19	660	663	0.0135	0.0327	0.0056	0.004	0.0234	0.029	0.08
40237718	CRLK-TB-19	663	666	0.016	0.029	0.0052	0.007	0.0098	0.011	0.16
40237719	CRLK-TB-19	666	669	0.0155	0.0291	0.0053	0.004	0.0041	0.008	0.08
40237721	CRLK-TB-19	669	672	0.0147	0.0292	0.0049	0.002	0.0019	0.006	0.21
40237722	CRLK-TB-19	672	675	0.0138	0.046	0.006	0.003	0.0048	0.024	0.11
40237723	CRLK-TB-19	675	678	0.0927	0.0832	0.007	0.015	0.0509	0.129	0.16
40237724	CRLK-TB-19	678	679.09	0.045	0.0439	0.005	0.009	0.0233	0.059	0.08
40237725	CRLK-TB-19	679.09	682	0.0596	0.0389	0.005	0.01	0.0152	0.078	0.12
40237726	CRLK-TB-19	682	685	0.0112	0.0283	0.0045	0.002	0.0037	0.016	0.04
40237727	CRLK-TB-19	685	687	0.0106	0.0278	0.0048	0.002	0.0051	0.007	0.04
40237728	CRLK-TB-19	687	688.85	0.0119	0.0274	0.005	0.002	0.0054	0.018	0.04
40237729	CRLK-TB-19	695.86	697.69	0.0768	0.0581	0.0064	0.016	0.0632	0.133	0.34
40237732	CRLK-TB-19	697.69	700.74	0.212	0.15	0.0092	0.03	0.0801	0.234	0.89
40237733	CRLK-TB-19	700.74	703.78	0.198	0.144	0.011	0.03	0.0542	0.198	1.23
40237734	CRLK-TB-19	703.78	706.83	0.0294	0.0298	0.0054	0.006	0.0131	0.021	0.16
40237735	CRLK-TB-19	706.83	709.88	0.0371	0.0404	0.006	0.007	0.0216	0.052	0.17
40237736	CRLK-TB-19	709.88	712.93	0.0195	0.0324	0.0052	0.004	0.0069	0.024	0.14
40237737	CRLK-TB-19	712.93	715.98	0.1665	0.0977	0.0084	0.021	0.0297	0.144	0.81
40237738	CRLK-TB-19	715.98	719.02	0.166	0.0946	0.0105	0.035	0.0558	0.166	0.97
40237739	CRLK-TB-19	719.02	722.07	0.1465	0.0878	0.009	0.022	0.0532	0.155	0.7
40237741	CRLK-TB-19	722.07	725.12	0.397	0.237	0.0133	0.052	0.0615	0.405	1.82
40237742	CRLK-TB-19	725.12	728.17	0.1265	0.0789	0.0083	0.018	0.0292	0.143	0.58
40237743	CRLK-TB-19	728.17	732.13	0.264	0.153	0.0106	0.035	0.0501	0.289	0.98
40237744	CRLK-TB-19	732.13	733.35	0.0258	0.0169	0.0039	0.003	0.0064	0.011	0.17
40237745	CRLK-TB-19	733.35	736	0.017	0.0108	0.0024	0.001	0.0019	0.003	0.7
40237746	CRLK-TB-19	736	739	0.0125	0.0136	0.0021	0.001	0.003	0.007	0.03
40237747	CRLK-TB-19	739	741	0.0144	0.0204	0.0026	0.001	0.0056	0.018	0.05
40237748	CRLK-TB-19	741	742.95	0.0495	0.0244	0.0031	0.002	0.0143	0.032	0.24
40237749	CRLK-TB-19	742.95	746	0.023	0.0143	0.0028	0.002	0.0031	0.011	0.31
40237751	CRLK-TB-19	746	749	0.0152	0.0105	0.0028	0.001	0.0018	0.003	2.88
40237752	CRLK-TB-19	749	752	0.0183	0.014	0.0034	0.001	0.002	0.003	4.6
40237753	CRLK-TB-19	752	755	0.0168	0.015	0.003	0.001	0.0018	0.003	3.97
40237754	CRLK-TB-19	755	758	0.0143	0.0159	0.003	0.001	0.0016	0.003	3.92
40237755	CRLK-TB-19	758	761	0.0144	0.0162	0.0026	0.001	0.0017	0.002	3.48
40237756	CRLK-TB-19	761	764	0.013	0.0155	0.0027	0.002	0.0017	0.002	3.65
40237757	CRLK-TB-19	764	767	0.0122	0.0133	0.0029	0.003	0.0018	0.003	4.48
40237758	CRLK-TB-19	767	770	0.0119	0.0146	0.003	0.005	0.0024	0.003	4.21
40237759	CRLK-TB-19	770	773	0.0129	0.0137	0.0027	0.003	0.0019	0.003	3.44

40237761	CRLK-TB-19	773	776	0.0119	0.0132	0.0027	0.005	0.0024	0.003	3.8
40237762	CRLK-TB-19	776	779	0.0126	0.0143	0.003	0.004	0.0024	0.003	4.72
40237763	CRLK-TB-19	779	782	0.0209	0.0143	0.0028	0.005	0.0031	0.004	4.46
40237764	CRLK-TB-19	782	785	0.0181	0.015	0.0026	0.004	0.0028	0.004	4.15
40237765	CRLK-TB-19	785	788.52	0.0211	0.0183	0.0026	0.006	0.0036	0.005	3.49
40233903	CRLK-TB-20W2	769.32	772	0.0129	0.0354	0.0059	0.002	0.0062	0.009	0.05
40233904	CRLK-TB-20W2	772	775	0.0126	0.0351	0.0057	0.004	0.0067	0.01	0.03
40233905	CRLK-TB-20W2	775	778	0.0139	0.0337	0.0057	0.003	0.0102	0.013	0.04
40233906	CRLK-TB-20W2	778	781	0.0139	0.0316	0.0054	0.005	0.0139	0.019	0.04
40233907	CRLK-TB-20W2	781	784	0.0163	0.0386	0.006	0.004	0.0027	0.007	0.04
40233908	CRLK-TB-20W2	784	787	0.0178	0.0428	0.0064	0.002	0.0026	0.005	0.04
40233909	CRLK-TB-20W2	787	790.8	0.0159	0.048	0.0067	0.002	0.0045	0.007	0.04
40233911	CRLK-TB-20W2	790.8	793	0.0244	0.0486	0.0067	0.005	0.0098	0.041	0.05
40233912	CRLK-TB-20W2	793	795.83	0.147	0.0839	0.0069	0.017	0.0258	0.115	0.21
40233913	CRLK-TB-20W2	795.83	799	0.133	0.0793	0.0075	0.013	0.0264	0.103	0.22
40233914	CRLK-TB-20W2	799	801.32	0.234	0.149	0.0093	0.034	0.0503	0.228	0.71
40233915	CRLK-TB-20W2	801.32	804	0.228	0.1315	0.0089	0.022	0.0624	0.213	0.76
40233916	CRLK-TB-20W2	804	807	0.0263	0.0129	0.0043	0.005	0.0065	0.013	0.46
40233917	CRLK-TB-20W2	807	809	0.0437	0.017	0.0044	0.005	0.0062	0.025	0.28
40233918	CRLK-TB-20W2	809	810.77	0.1925	0.115	0.0131	0.011	0.0323	0.112	3.97
40233919	CRLK-TB-20W2	810.77	813	0.353	0.19	0.0132	0.037	0.0568	0.275	2.54
40233921	CRLK-TB-20W2	813	816	0.232	0.1335	0.0101	0.017	0.05	0.202	1.92
40233922	CRLK-TB-20W2	816	818	0.193	0.0991	0.0081	0.027	0.0476	0.197	1
40233923	CRLK-TB-20W2	818	820.98	0.0451	0.0287	0.0053	0.006	0.0077	0.028	0.47
40233924	CRLK-TB-20W2	820.98	824	0.128	0.0617	0.006	0.008	0.0126	0.062	1.9
40233925	CRLK-TB-20W2	824	826	0.0235	0.0101	0.0017	0.006	0.0027	0.005	0.57
40233926	CRLK-TB-20W2	826	828.45	0.0987	0.0472	0.0031	0.008	0.0143	0.061	0.86
40233927	CRLK-TB-20W2	828.45	830	0.266	0.1415	0.0147	0.022	0.016	0.101	3.93
40233928	CRLK-TB-20W2	830	832.1	0.1485	0.0413	0.004	0.008	0.0312	0.081	1.31
40233929	CRLK-TB-20W2	832.1	834.7	0.885	0.513	0.0625	0.07	0.256	0.402	21.1
40233931	CRLK-TB-20W2	834.7	837	0.0421	0.0289	0.0021	0.013	0.0036	0.015	1.15
40209227	CRLK_209748	199.25	200.2	0.0243	0.006	0.0052	0.001	0.002	0.009	0.48
40209228	CRLK_209748	200.2	201.5	0.0272	0.0052	0.0053	0.002	0.0022	0.01	0.4
40209229	CRLK_209748	201.5	203	0.0285	0.0035	0.0049	0.001	0.0026	0.011	0.1
40209231	CRLK_209748	203	204.5	0.0265	0.0052	0.0055	0.001	0.0024	0.01	0.09
40209232	CRLK_209748	204.5	206	0.0244	0.0084	0.0053	0.001	0.0022	0.01	0.09
40209233	CRLK_209748	206	207.5	0.0239	0.0103	0.0056	0.003	0.0019	0.009	0.06
40209234	CRLK_209748	207.5	209	0.0245	0.0097	0.0055	0.002	0.002	0.008	0.06
40209235	CRLK_209748	209	210.5	0.025	0.0084	0.0052	0.001	0.0021	0.009	0.13
40209236	CRLK_209748	210.5	212	0.0258	0.0089	0.0055	0.003	0.0022	0.01	0.11
40209237	CRLK_209748	212	213.05	0.0223	0.0077	0.0045	0.002	0.0021	0.008	0.4
40209238	CRLK_209748	266.05	267.03	0.0286	0.0067	0.0052	0.003	0.003	0.011	0.32
40209239	CRLK_209748	359.16	360.88	0.0227	0.003	0.0034	0.003	0.0032	0.008	0.06
40209240	CRLK_209748	360.88	363.18	0.0057	0.0004	0.0016	0.001	0.00025	0.001	0.14
40209241	CRLK_209748	363.18	364	0.0199	0.002	0.0029	0.003	0.0024	0.004	0.08
40209242	CRLK_209748	364	365.5	0.0191	0.0021	0.0028	0.002	0.0025	0.006	0.05
40209243	CRLK_209748	365.5	368	0.0175	0.0021	0.0025	0.003	0.0025	0.007	0.03

40209244	CRLK_209748	368	369.8	0.0196	0.0024	0.0028	0.003	0.0027	0.008	0.06
40209245	CRLK_209748	369.8	372.3	0.0185	0.0022	0.0026	0.003	0.0025	0.008	0.05
40209246	CRLK_209748	372.3	373.6	0.0148	0.0017	0.0023	0.002	0.002	0.007	0.05
40209247	CRLK_209748	373.6	375.51	0.0144	0.0016	0.0023	0.002	0.0019	0.006	0.05
40209248	CRLK_209748	375.51	376	0.0147	0.0017	0.0023	0.001	0.002	0.006	0.03
40209249	CRLK_209748	376	378	0.0103	0.0012	0.0018	0.002	0.0015	0.005	0.03
40209251	CRLK_209748	378	380	0.0139	0.0015	0.0023	0.002	0.0018	0.006	0.05
40209252	CRLK_209748	380	381	0.0089	0.0009	0.0018	0.002	0.0012	0.004	0.08
40209253	CRLK_209748	381	384	0.0055	0.0001	0.0019	0.001	0.00025	0.0005	0.11
40209254	CRLK_209748	384	386	0.0048	0.0001	0.0018	0.001	0.00025	0.0005	0.1
40209255	CRLK_209748	386	387	0.0052	0.0001	0.0018	0.001	0.00025	0.0005	0.11
40209256	CRLK_209748	387	390	0.0054	0.0001	0.0018	0.001	0.00025	0.0005	0.11
40209257	CRLK_209748	390	393	0.0063	0.0001	0.0019	0.001	0.00025	0.0005	0.09
40209258	CRLK_209748	393	394.02	0.0085	0.0004	0.0023	0.001	0.00025	0.0005	0.1
40209259	CRLK_209748	394.02	395	0.0129	0.0021	0.002	0.002	0.0013	0.004	0.1
40209261	CRLK_209748	395	398	0.013	0.0019	0.0022	0.002	0.0019	0.006	0.06
40209262	CRLK_209748	398	400	0.0123	0.0016	0.0021	0.002	0.0016	0.006	0.04
40209263	CRLK_209748	400	401	0.0128	0.0015	0.002	0.002	0.0016	0.006	0.05
40209264	CRLK_209748	401	404	0.0127	0.0015	0.002	0.002	0.0015	0.006	0.04
40209265	CRLK_209748	404	407	0.0123	0.0015	0.0019	0.002	0.0021	0.008	0.04
40209266	CRLK_209748	407	408	0.0136	0.0019	0.0022	0.002	0.0018	0.006	0.04
40209267	CRLK_209748	408	410	0.013	0.0015	0.002	0.002	0.0016	0.007	0.04
40209268	CRLK_209748	410	413	0.0149	0.0019	0.0023	0.002	0.0019	0.007	0.05
40209269	CRLK_209748	413	414	0.0154	0.0022	0.0024	0.003	0.0025	0.008	0.06
40209271	CRLK_209748	414	417	0.0153	0.0021	0.0024	0.003	0.0021	0.008	0.05
40209272	CRLK_209748	417	420	0.0154	0.0021	0.0024	0.002	0.0021	0.007	0.05
40209273	CRLK_209748	420	421	0.017	0.002	0.0026	0.003	0.0025	0.007	0.05
40209274	CRLK_209748	421	423	0.0172	0.0023	0.0027	0.003	0.0035	0.008	0.05
40209275	CRLK_209748	423	426	0.0178	0.0022	0.0027	0.003	0.0025	0.007	0.05
40209276	CRLK_209748	426	427	0.0175	0.0023	0.0027	0.003	0.0027	0.008	0.05
40209277	CRLK_209748	427	428	0.019	0.0024	0.0028	0.003	0.0027	0.008	0.09
40209278	CRLK_209748	428	430.74	0.0189	0.0024	0.0027	0.003	0.0031	0.007	0.08
40209279	CRLK_209748	430.74	432.3	0.0219	0.0029	0.0032	0.003	0.0031	0.008	0.08
40209281	CRLK_209748	432.3	435	0.0262	0.0048	0.0039	0.004	0.0041	0.012	0.07
40209282	CRLK_209748	435	436	0.0307	0.0043	0.0043	0.004	0.0038	0.01	0.07
40209283	CRLK_209748	436	436.47	0.0304	0.0062	0.0047	0.005	0.0051	0.019	0.07
40209284	CRLK_209748	436.47	438	0.0228	0.0032	0.0036	0.003	0.0031	0.008	0.07
40209285	CRLK_209748	438	438.98	0.0197	0.0029	0.0031	0.003	0.0028	0.007	0.06
40209286	CRLK_209748	438.98	440.53	0.0322	0.0066	0.0047	0.006	0.0053	0.017	0.11
40209287	CRLK_209748	459.97	460.5	0.0262	0.007	0.005	0.006	0.0027	0.011	0.2
40209288	CRLK_209748	460.5	461.91	0.0273	0.0072	0.0047	0.005	0.0026	0.011	0.25
40209289	CRLK_209748	461.91	464.37	0.0195	0.0037	0.0033	0.003	0.0017	0.008	0.52
40209291	CRLK_209748	464.37	467	0.0295	0.0046	0.0047	0.004	0.0033	0.013	0.1
40209292	CRLK_209748	467	470	0.0258	0.0082	0.0051	0.003	0.003	0.012	0.35
40209293	CRLK_209748	470	473	0.0264	0.0082	0.005	0.004	0.0028	0.012	0.06
40209294	CRLK_209748	473	476	0.0272	0.0081	0.0049	0.004	0.0027	0.012	0.05
40209295	CRLK_209748	476	479	0.028	0.0083	0.005	0.004	0.003	0.012	0.06

40209296	CRLK_209748	479	480.47	0.0272	0.0077	0.005	0.004	0.0028	0.011	0.17
40209297	CRLK_209748	493.28	495	0.0274	0.0075	0.0051	0.003	0.0025	0.01	0.1
40209298	CRLK_209748	495	498	0.0261	0.0076	0.0051	0.003	0.0027	0.011	0.33
40209299	CRLK_209748	498	500.25	0.0276	0.0073	0.0049	0.003	0.0033	0.011	0.35
40209301	CRLK_209748	638.89	641	0.0311	0.008	0.0052	0.003	0.0027	0.012	0.17
40209302	CRLK_209748	641	644	0.026	0.0076	0.0048	0.002	0.0025	0.01	0.12
40209303	CRLK_209748	644	646.26	0.0277	0.0086	0.0051	0.002	0.0026	0.011	0.21

Appendix C – Assay Certificates



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Page: 1
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 15-NOV-2014
 Account: KAV

CERTIFICATE TB14169184

Project: EB80002799
 P.O. No.: 310120229
 This report is for 5 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 4-NOV-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 STEVE HOVIS
 JENNY GOLDNER
 BRIAN GOLDNER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags

ANALYTICAL PROCEDURES

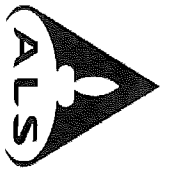
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colin Ramsshaw, Vancouver Laboratory Manager



ALS Minerals

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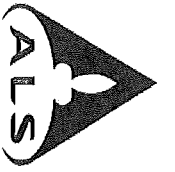
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 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 15-NOV-2014
 Account: KAV

Project: EB80002799

CERTIFICATE OF ANALYSIS TB14169184

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 C/2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %
40126679		0.69	86.2	45.3	16.70	13.80	9.88	2.54	8.15	0.26	0.02	1.20	0.17	0.13	0.03	0.01
40126680		1.26		45.4	17.25	13.45	9.97	2.60	7.98	0.23	0.02	1.19	0.17	0.13	0.03	0.01
40126681		1.60		44.9	18.65	13.75	9.19	1.88	9.19	0.45	0.02	0.34	0.11	0.02	0.04	0.01
40126689		1.19		47.4	16.15	14.35	9.68	2.47	8.13	0.33	0.02	1.44	0.18	0.18	0.03	0.01
40271119		1.45		48.0	16.15	14.05	10.35	2.53	8.35	0.27	0.03	1.40	0.18	0.16	0.03	0.01



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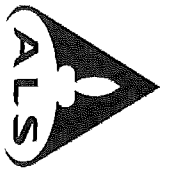
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 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 15-NOV-2014
 Account: KAV

Project: EB80002799

CERTIFICATE OF ANALYSIS TB14169184

Sample Description	Method Analyte Units LOR	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ca ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm	ME-MS81 Lu ppm
40126879		0.02	<0.01	110.0	18.5	150	0.22	3.19	1.86	1.12	16.2	3.25	2.2	0.63	8.2	0.23
40126880		0.03	0.01	112.0	17.4	120	0.05	3.04	1.72	1.05	16.0	2.96	2.0	0.59	7.7	0.21
40126881		0.02	1.44	79.4	4.9	170	3.31	0.88	0.53	0.63	13.3	1.02	0.5	0.14	2.5	0.07
40126889		0.03	0.03	126.5	26.7	120	0.46	4.19	2.29	1.30	17.0	4.42	2.9	0.80	11.6	0.33
40271119		0.06	0.02	117.5	23.2	200	0.14	4.25	2.35	1.25	16.3	3.95	2.6	0.82	10.2	0.30



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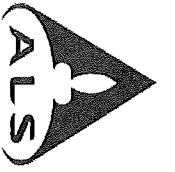
Project: EB80002799

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Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 15-NOV-2014
Account: KAV

CERTIFICATE OF ANALYSIS TB14169184

Sample Description	Method Analyte Units LOR	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm
40126879		5.0	10.7	2.63	3.0	2.79	1	271	0.4	0.47	0.69	<0.5	0.25	0.21	191	1
40126880		4.7	10.7	2.38	2.4	2.59	1	273	0.4	0.49	0.57	<0.5	0.26	0.19	179	1
40126881		0.4	3.1	0.64	15.0	0.72	1	394	0.1	0.12	0.19	<0.5	0.07	0.08	90	<1
40126889		7.1	15.7	3.59	4.8	3.99	1	263	0.5	0.63	0.89	<0.5	0.33	0.24	219	1
40271119		6.1	14.2	3.25	3.7	3.67	1	266	0.4	0.60	0.75	<0.5	0.31	0.19	231	1

***** See Appendix Page for comments regarding this certificate *****



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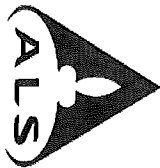
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 Finalized Date: 15-NOV-2014
 Account: KAV

Project: EB80002799

CERTIFICATE OF ANALYSIS TB14169184

Sample Description	Method Analyte Units LOR	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5	ME-4ACD81 Co ppm 1
40126879		16.3	1.89	80	0.2	0.01	<0.005	<0.05	0.2	<0.01	-0.11	98.08	<0.5	<5	<0.5	62
40126880		15.1	1.62	74	0.3	0.01	<0.005	<0.05	0.5	<0.01	-0.36	98.07	<0.5	<5	<0.5	59
40126881		4.5	0.56	20	25.6	0.37	<0.005	0.27	0.9	0.06	2.82	101.37	<0.5	23	0.7	108
40126889		21.5	2.20	107	0.4	0.01	<0.005	<0.05	0.4	<0.01	-0.09	100.28	<0.5	<5	<0.5	61
40271119		19.8	2.07	97	0.4	0.01	<0.005	<0.05	0.4	<0.01	-0.28	101.23	<0.5	<5	<0.5	60



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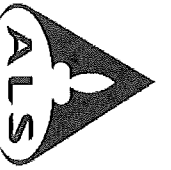
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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 Account: KAV

Project: EB80002799

CERTIFICATE OF ANALYSIS TB14169184

Sample Description	Method Analyte Units LOR	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MSZ4 Au ppm	PGM-MSZ4 Pt ppm	PGM-MSZ4 Pd ppm
40126879		114	10	<1	212	<2	23	100	0.001	0.0040	0.007
40126880		97	10	<1	189	<2	21	101	0.001	0.0048	0.003
40126881		467	30	8	486	11	7	91	0.009	0.0130	0.018
40126889		140	10	1	205	4	22	105	0.001	0.0038	0.006
40271119		132	10	1	202	<2	26	99	0.001	0.0049	0.005



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Project: EB80002799
CERTIFICATE OF ANALYSIS TB14169184

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

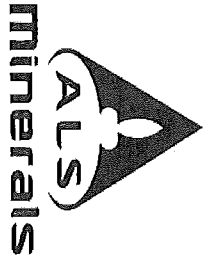
Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
BAG-04 CRU-31 LOG-21
PUL-QC SPL-21 WEI-21

PUL-32

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
C-IR07 ME-4ACD81 ME-ICP06
ME-MS81 OA-GRA05 PGM-MS24
TOT-ICP06

ME-MS42
S-IR08

	<p>CERTIFICATE COMMENTS</p> <p>LABORATORY ADDRESSES</p> <p>Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. BAG-04 CRU-31 LOG-21 PUL-QC SPL-21 WEI-21</p> <p>PUL-32</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. C-IR07 ME-4ACD81 ME-ICP06 ME-MS81 OA-GRA05 PGM-MS24 TOT-ICP06</p> <p>ME-MS42 S-IR08</p>
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 Finalized Date: 23-SEP-2014
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CERTIFICATE TB14136622

Project: EB80002797
 P.O. No.: 3101202290
 This report is for 82 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-SEP-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS SUE DRIEBERG JENNY GOLDNER
 BRIAN GOLDNER BRIAN GOLDNER
 JAY HAMMITT

TO: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

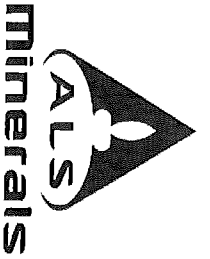
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Loggin - Revd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colin Ramshaw, Vancouver Laboratory Manager



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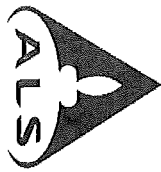
Page: 2 - A
 Total # Pages: 4 (A - E)
 Plus Appendix Pages
 Finalized Date: 23-SEP-2014
 Account: KAV

Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Mg2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40209225		0.31			46.1	16.75	12.10	9.64	2.17	11.15	0.33	0.04	0.92	0.15	0.10	0.03
40209226		0.95			49.5	13.95	15.05	6.75	3.31	4.11	1.35	<0.01	3.31	0.17	0.42	0.06
40209227		1.42	78.6	87.2	48.1	13.55	16.00	5.94	3.41	4.11	2.26	<0.01	3.48	0.19	0.40	0.05
40209228		1.63			48.4	12.40	16.85	6.93	2.96	3.99	1.45	<0.01	3.57	0.19	0.42	0.06
40209229		1.46			48.8	12.00	17.05	6.95	3.00	3.99	1.42	<0.01	3.70	0.20	0.44	0.06
40209230		0.20			36.5	3.15	13.90	2.08	0.22	32.8	0.13	0.61	0.27	0.17	0.05	0.01
40209231		1.85			49.4	13.00	17.25	7.03	2.94	4.16	1.70	<0.01	3.83	0.20	0.43	0.07
40209232		1.85			48.5	13.25	17.30	6.84	2.70	4.41	1.78	<0.01	3.56	0.19	0.37	0.08
40209233		1.77			48.4	13.60	17.05	7.63	2.92	4.62	0.92	0.01	3.53	0.19	0.38	0.07
40209234		1.98			48.6	13.20	16.65	7.52	2.48	4.57	1.32	0.01	3.39	0.19	0.37	0.06
40209235		2.05			49.3	12.90	16.10	7.00	2.34	4.36	2.19	<0.01	3.45	0.19	0.39	0.06
40209236		1.81			48.3	12.90	17.15	7.75	2.83	4.57	0.61	0.01	3.46	0.19	0.39	0.05
40209237		1.94			52.3	14.55	14.35	5.46	2.43	3.96	1.97	0.01	2.74	0.14	0.32	0.04
40209238		1.20			49.2	13.35	16.80	6.84	2.65	4.35	0.93	<0.01	3.80	0.21	0.44	0.05
40209239		1.25			51.4	15.55	12.95	6.24	3.53	3.06	2.18	<0.01	2.73	0.17	0.42	0.07
40209240		2.40			58.6	12.45	13.10	4.30	3.88	1.65	2.62	<0.01	1.74	0.19	0.56	0.05
40209241		1.25			51.6	16.75	11.50	6.55	3.46	2.57	2.58	<0.01	2.37	0.15	0.39	0.10
40209242		3.33			52.3	18.15	10.85	6.40	3.40	2.50	3.09	<0.01	2.31	0.14	0.33	0.12
40209243		5.19			50.6	18.00	9.61	7.30	3.39	2.31	3.60	<0.01	2.04	0.13	0.30	0.12
40209244		1.21			51.9	18.60	10.50	6.60	3.61	2.35	3.03	<0.01	2.16	0.13	0.31	0.12
40209244 CRD		<0.02			51.8	18.75	10.45	6.64	3.60	2.37	2.92	<0.01	2.23	0.13	0.32	0.13
40209245		5.80			51.8	18.90	9.94	6.81	3.55	2.25	2.61	<0.01	2.09	0.12	0.31	0.12
40209246		1.51			51.6	19.70	8.64	7.11	3.72	2.00	2.43	<0.01	1.78	0.11	0.29	0.11
40209247		4.16			53.5	20.2	8.68	8.09	3.75	1.91	1.80	<0.01	1.73	0.11	0.28	0.09
40209248		0.55			52.4	20.0	8.48	7.84	3.79	1.96	1.90	<0.01	1.79	0.11	0.29	0.09
40209249		4.88			48.4	16.40	7.76	11.75	3.77	1.71	1.76	<0.01	1.37	0.10	0.22	0.07
40209250		0.44			45.8	17.25	12.10	9.31	2.21	11.45	0.36	0.03	1.05	0.16	0.12	0.04
40209251		4.59			53.4	20.4	8.74	7.21	3.74	1.86	2.63	<0.01	1.78	0.11	0.28	0.12
40209252		1.25			54.6	17.10	10.60	6.08	3.60	1.65	2.72	<0.01	1.65	0.14	0.41	0.09
40209253		6.38			58.4	11.90	13.75	7.84	3.62	1.54	2.37	<0.01	1.70	0.21	0.63	0.04
40209254		4.43			57.1	11.50	13.25	5.04	3.55	1.42	2.34	<0.01	1.62	0.20	0.59	0.05
40209255		1.24			57.2	12.15	14.15	5.01	3.51	1.60	2.19	<0.01	1.70	0.20	0.64	0.05
40209256		6.86			56.9	11.60	13.30	4.49	3.46	1.60	2.28	<0.01	1.77	0.20	0.66	0.05
40209257		6.24			58.2	12.20	14.10	5.19	3.62	1.85	2.31	<0.01	1.86	0.21	0.76	0.05
40209258		2.57			56.9	12.50	14.20	5.76	3.64	1.98	2.03	<0.01	1.87	0.20	0.85	0.06
40209259		1.03			54.1	16.50	11.45	6.93	3.78	1.88	1.97	<0.01	1.92	0.15	0.50	0.09
40209260		0.21			36.7	3.08	13.70	2.06	0.23	32.4	0.11	0.60	0.27	0.17	0.04	<0.01
40209261		6.51			54.2	19.30	8.92	8.16	4.17	1.76	1.53	<0.01	1.77	0.10	0.32	0.10
40209262		4.67			53.0	19.45	8.33	8.06	4.16	1.68	1.44	<0.01	1.64	0.10	0.29	0.10
40209263		1.17			53.0	20.1	8.10	8.45	4.15	1.65	1.43	<0.01	1.67	0.10	0.27	0.09

***** See Appendix Page for comments regarding this certificate *****



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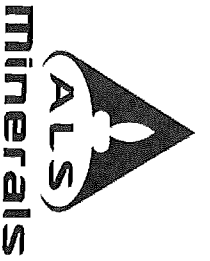
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

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 Total # Pages: 4 (A - E)
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 Finalized Date: 23-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP66	C-IR07	S-IR08	ME-MS91	ME-MS81	ME-MS81	ME-MS91	ME-MS91	ME-MS91	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		BaO %	C %	S %	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm
40209225	0.01	0.02	0.05	118.5	18.5	280	1.53	2.61	1.51	0.94	18.3	2.53	1.9	0.56	8.3								
40209226	0.07	0.02	0.16	603	69.5	10	2.12	7.18	3.53	2.79	25.9	8.78	6.5	1.33	30.2								
40209227	0.15	0.07	0.48	631	70.3	20	1.43	6.65	3.35	2.76	24.7	8.27	6.1	1.32	30.4								
40209228	0.06	0.05	0.40	589	79.1	10	2.25	7.90	4.19	3.13	26.2	9.72	7.3	1.56	34.6								
40209229	0.07	0.02	0.10	613	78.8	10	2.45	8.04	4.08	3.22	25.1	9.65	7.3	1.53	34.0								
40209230	0.08	0.23	0.37	704	6.3	4430	0.24	0.74	0.43	0.19	4.8	0.82	0.6	0.15	3.0								
40209231	0.07	0.11	0.09	590	74.6	10	2.09	7.37	3.74	3.05	25.5	9.17	7.0	1.45	32.4								
40209232	0.06	0.02	0.09	596	66.6	30	2.09	6.57	3.42	2.63	26.1	7.99	6.1	1.21	29.0								
40209233	0.05	0.02	0.06	423	64.8	50	2.18	6.03	3.14	2.61	25.5	7.76	5.9	1.23	27.9								
40209234	0.06	0.02	0.06	513	68.4	40	2.26	6.52	3.15	2.84	26.1	7.72	6.2	1.28	29.9								
40209235	0.08	0.07	0.13	734	73.8	30	2.23	6.97	3.75	2.97	25.3	8.47	6.5	1.47	31.7								
40209236	0.03	0.02	0.11	283	73.6	40	3.65	7.22	3.73	2.92	27.4	8.55	6.6	1.42	31.6								
40209237	0.06	0.06	0.40	558	71.8	80	3.89	6.61	3.40	2.42	25.0	7.46	5.9	1.21	32.3								
40209238	0.05	0.01	0.32	414	77.9	20	4.07	7.80	3.92	2.91	27.4	9.25	6.8	1.47	34.3								
40209239	0.17	0.01	0.06	1450	67.4	10	2.53	6.33	3.41	2.66	25.5	8.20	5.5	1.29	29.6								
40209240	0.15	0.01	0.14	1270	137.0	<10	3.48	11.10	6.10	4.21	25.7	14.25	11.1	2.16	60.4								
40209241	0.18	0.01	0.08	1605	63.2	10	3.13	6.06	3.34	2.57	25.9	7.19	5.3	1.24	28.3								
40209242	0.21	0.01	0.05	1835	55.6	10	2.49	5.23	2.19	2.16	26.7	6.35	4.5	1.09	24.8								
40209243	0.21	0.04	0.03	1865	47.5	10	2.35	4.52	2.34	2.28	25.6	5.19	3.8	0.96	21.1								
40209244	0.18	0.01	0.06	1695	52.9	10	2.47	5.30	2.68	2.41	27.4	6.35	4.8	1.06	23.2								
40209244 CRD																							
40209245	0.19	0.01	0.05	1695	52.9	20	2.45	5.15	2.78	2.50	28.0	6.28	4.4	1.03	23.3								
40209245	0.20	0.01	0.05	1745	47.9	10	2.40	4.77	2.30	2.05	25.2	5.67	4.1	0.93	21.2								
40209246	0.23	0.01	0.05	2070	42.5	10	2.53	4.45	2.19	2.09	25.9	5.09	3.8	0.90	19.0								
40209247	0.22	0.01	0.05	1900	44.3	10	2.92	4.18	2.15	2.16	26.2	4.93	3.8	0.82	19.6								
40209248	0.26	0.01	0.03	2240	46.7	10	3.77	4.32	2.23	2.07	26.9	5.02	3.7	0.88	20.7								
40209249	0.15	1.31	0.03	1330	72.3	10	2.62	5.20	2.67	2.09	23.7	6.37	4.9	1.05	38.4								
40209250	0.01	0.03	0.05	123.0	18.4	220	1.98	2.51	1.47	1.03	18.1	2.65	2.0	0.52	8.4								
40209251	0.17	0.01	0.05	1480	46.9	10	2.61	4.39	2.51	2.15	26.8	5.30	3.8	0.87	21.0								
40209252	0.16	0.02	0.08	1405	77.6	10	5.20	6.93	3.36	2.74	25.9	8.39	6.1	1.35	34.0								
40209253	0.14	0.07	0.11	1155	137.0	<10	6.45	11.25	5.94	4.05	25.6	14.00	10.4	2.22	59.8								
40209254	0.13	0.19	0.10	1330	132.0	<10	7.35	11.45	5.78	4.02	25.2	14.40	10.0	2.13	56.7								
40209255	0.12	0.02	0.11	1035	131.5	<10	7.09	11.20	5.79	3.95	25.5	14.20	10.3	2.15	56.6								
40209256	0.12	0.02	0.11	1100	131.5	<10	4.60	11.80	5.75	3.85	25.1	14.30	10.4	2.22	57.0								
40209257	0.13	0.01	0.09	1010	117.5	<10	6.67	9.75	5.03	3.61	22.8	12.30	9.1	1.94	50.9								
40209258	0.10	0.02	0.10	930	121.5	10	6.88	10.50	5.67	4.01	25.3	14.05	9.1	2.09	53.0								
40209259	0.08	0.02	0.10	659	71.1	10	3.80	6.44	3.29	2.66	24.6	7.85	5.1	1.19	31.2								
40209260	0.08	0.23	0.35	708	7.1	4340	0.22	0.93	0.48	0.33	4.6	1.03	0.6	0.17	4.5								
40209261	0.04	0.01	0.06	338	49.5	10	2.45	4.79	2.28	2.07	25.5	5.26	3.9	0.92	21.8								
40209262	0.04	0.02	0.04	330	47.4	10	1.88	4.52	2.23	2.07	25.7	5.58	3.6	0.91	20.6								
40209263	0.05	0.02	0.05	464	45.4	10	1.81	4.03	2.14	2.07	25.8	5.23	3.4	0.85	19.9								

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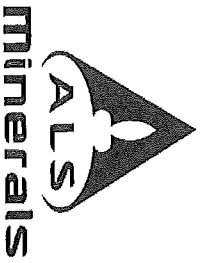
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Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tl ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40209225		0.19	5.2	10.6	2.38	9.4	2.71	1	253	0.3	0.40	0.85	<0.5	0.21	0.22	125
40209226		0.36	24.3	39.9	9.00	55.5	8.95	2	504	1.4	1.23	4.15	<0.5	0.47	1.23	340
40209227		0.37	24.6	39.6	9.21	90.1	9.01	2	433	1.5	1.23	3.87	0.6	0.52	1.17	377
40209228		0.49	28.5	45.5	10.55	62.4	10.30	3	501	1.8	1.49	4.54	<0.5	0.56	1.26	413
40209229		0.45	27.9	44.0	10.30	54.2	9.97	3	481	1.7	1.47	4.41	<0.5	0.56	1.28	355
40209230		0.06	1.4	3.2	0.77	4.0	0.55	1	48.8	0.1	0.12	0.46	<0.5	0.08	0.13	62
40209231		0.46	26.7	42.7	9.77	66.2	9.97	2	603	1.7	1.24	4.48	<0.5	0.52	1.20	395
40209232		0.41	23.9	36.8	8.58	71.7	8.93	3	666	1.5	1.19	3.64	<0.5	0.49	1.06	473
40209233		0.39	23.0	37.1	8.55	33.4	8.49	2	540	1.5	1.09	3.67	<0.5	0.40	1.06	436
40209234		0.41	24.6	40.1	9.11	53.1	9.46	2	529	1.5	1.18	3.92	<0.5	0.49	1.13	427
40209235		0.43	26.3	41.9	9.58	88.4	9.75	2	511	1.6	1.31	4.21	0.5	0.55	1.89	424
40209236		0.42	26.6	42.4	9.85	23.2	9.59	3	473	1.6	1.30	4.06	<0.5	0.51	1.12	425
40209237		0.39	20.7	38.4	9.21	72.4	8.96	2	329	1.3	1.14	5.57	0.8	0.47	3.87	336
40209238		0.50	26.9	43.1	10.10	39.0	9.91	2	411	1.7	1.31	4.92	0.5	0.54	1.42	404
40209239		0.39	20.4	38.0	8.80	86.8	9.04	3	582	1.3	1.19	3.88	<0.5	0.47	0.98	230
40209240		0.66	34.8	73.3	17.40	76.6	15.45	3	359	2.1	2.04	8.64	<0.5	0.84	2.29	43
40209241		0.37	18.6	35.8	8.02	8.18	8.18	2	815	1.2	1.10	3.68	<0.5	0.49	1.02	189
40209242		0.36	16.8	31.4	7.20	14.5	6.59	2	1030	1.0	0.96	3.11	<0.5	0.35	0.81	202
40209243		0.30	14.5	27.1	6.16	129.5	6.21	2	987	0.9	0.89	2.69	<0.5	0.33	0.74	177
40209244		0.34	16.5	29.9	6.91	103.5	6.28	2	1080	1.0	0.94	3.10	<0.5	0.38	0.86	203
40209244 CRD		0.34	16.4	29.4	6.91	104.0	6.58	2	1085	1.0	0.92	3.01	<0.5	0.37	0.84	206
40209245		0.29	14.3	25.6	6.03	85.6	5.86	2	927	0.9	0.83	2.70	<0.5	0.33	0.76	176
40209246		0.27	12.9	23.7	5.57	86.3	5.55	2	871	0.8	0.80	2.52	<0.5	0.32	0.70	148
40209247		0.27	12.8	24.5	5.75	63.5	5.85	1	774	0.8	0.68	2.77	<0.5	0.32	0.76	143
40209248		0.25	13.2	26.0	6.02	68.8	5.79	3	707	0.9	0.83	2.78	<0.5	0.37	0.74	143
40209249		0.34	15.5	36.3	8.65	62.4	7.45	1	564	1.0	0.88	3.62	<0.5	0.41	1.03	105
40209250		0.22	5.2	10.2	2.43	10.9	2.58	2	260	0.3	0.41	0.75	<0.5	0.22	0.20	130
40209251		0.27	13.5	26.2	5.96	90.1	5.99	1	1015	0.9	0.80	2.88	<0.5	0.34	0.69	141
40209252		0.42	19.5	41.0	9.62	88.9	8.63	2	772	1.2	1.17	4.83	<0.5	0.52	1.26	89
40209253		0.76	32.6	72.0	16.40	76.0	15.65	3	367	2.0	2.03	8.66	<0.5	0.83	2.18	25
40209254		0.72	32.6	69.6	16.05	76.9	15.80	3	373	1.9	2.07	8.35	<0.5	0.85	2.06	22
40209255		0.69	31.5	69.6	16.10	72.8	15.65	3	376	2.0	1.95	7.98	<0.5	0.83	2.03	25
40209256		0.70	32.8	69.1	16.20	74.5	15.90	3	367	2.0	2.10	8.10	<0.5	0.80	2.11	28
40209257		0.64	27.9	62.2	14.55	65.6	13.55	3	362	1.7	1.72	6.89	<0.5	0.74	1.76	35
40209258		0.58	26.6	64.7	14.80	64.9	14.50	3	482	1.7	1.97	7.03	<0.5	0.75	1.88	70
40209259		0.39	17.8	38.5	8.80	61.3	8.44	2	741	1.1	1.10	4.29	<0.5	0.46	1.09	111
40209260		0.06	1.6	4.5	1.15	3.0	1.15	1	50.6	0.1	0.14	1.24	<0.5	0.07	0.10	88
40209261		0.28	13.3	26.7	6.19	43.3	5.88	3	767	0.9	0.82	2.71	<0.5	0.35	0.71	127
40209262		0.30	12.8	26.4	5.80	43.2	6.09	1	800	0.8	0.78	2.73	<0.5	0.32	0.72	131
40209263		0.24	12.1	24.2	5.51	45.1	5.69	1	828	0.8	0.81	2.38	<0.5	0.28	0.65	121

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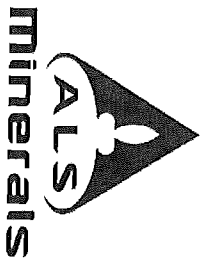
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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAD5 LOI %	TOT-IOP06 Total %	ME-4ACDB1 Ag ppm	ME-4ACDB1 As ppm	ME-4ACDB1 Cd ppm
40209225		<1	13.8	1.36	72	0.3	<0.01	<0.005	<0.05	0.3	0.01	0.77	100.26	<0.5	<5	<0.5
40209226		2	32.9	2.93	239	2.0	0.05	0.011	0.29	0.9	0.02	2.13	99.82	<0.5	<5	<0.5
40209227		1	33.0	2.96	244	1.7	0.08	0.014	0.50	0.9	0.03	2.39	100.15	<0.5	<5	0.6
40209228		2	37.4	3.39	278	3.8	0.04	0.010	0.44	1.0	0.02	2.31	99.59	<0.5	<5	<0.5
40209229		1	36.5	3.46	268	1.8	0.04	0.007	0.20	0.8	0.03	1.96	99.54	<0.5	<5	<0.5
40209230		2	4.1	0.39	19	1.5	0.09	0.025	0.38	1.1	0.17	10.70	100.67	1.4	<5	0.9
40209231		1	35.1	3.01	266	2.7	0.03	0.008	0.18	0.8	0.02	1.54	101.62	<0.5	<5	0.7
40209232		1	31.3	3.16	235	1.7	0.03	0.014	0.16	0.7	0.03	1.64	100.68	<0.5	<5	0.6
40209233		1	29.9	2.60	223	1.3	0.03	<0.005	0.14	0.6	0.02	1.73	101.10	<0.5	<5	0.6
40209234		2	32.8	2.80	246	1.5	0.02	0.008	0.15	0.8	0.03	2.14	100.56	<0.5	<5	0.5
40209235		2	35.1	3.14	258	1.9	0.02	0.011	0.20	0.8	0.02	2.37	100.73	<0.5	<5	0.5
40209236		1	35.0	3.06	261	1.7	0.03	0.006	0.20	0.7	0.02	2.03	100.27	<0.5	<5	0.7
40209237		2	31.4	2.68	221	4.5	0.11	0.033	0.63	0.8	0.04	2.42	100.75	<0.5	<5	<0.5
40209238		2	36.0	3.08	264	4.0	0.04	0.009	0.57	1.0	0.03	2.16	100.83	<0.5	5	0.5
40209239		1	32.0	2.92	225	2.2	0.02	<0.005	0.14	0.6	0.02	1.34	99.81	<0.5	<5	<0.5
40209240		1	54.0	5.17	420	0.6	0.01	<0.005	0.14	0.9	0.02	1.19	100.48	<0.5	<5	<0.5
40209241		2	30.2	2.76	213	1.3	0.02	<0.005	0.10	0.9	<0.01	1.18	99.38	<0.5	<5	<0.5
40209242		1	26.1	2.41	182	1.4	0.02	<0.005	0.06	0.8	0.01	1.52	101.32	<0.5	5	<0.5
40209243		1	22.1	2.03	154	1.0	0.01	<0.005	0.06	0.8	<0.01	2.43	100.04	<0.5	<5	<0.5
40209244		1	25.3	2.24	183	1.2	0.02	<0.005	0.06	0.9	0.01	2.07	101.56	<0.5	<5	<0.5
40209244 CRD		3	25.2	2.33	182	1.1	0.02	<0.005	0.05	0.8	0.01	1.62	101.15	<0.5	<5	<0.5
40209245		1	22.2	1.80	155	1.3	0.02	<0.005	<0.05	0.8	0.01	1.51	100.21	<0.5	<5	<0.5
40209246		2	20.0	1.80	143	1.7	0.01	<0.005	<0.05	0.8	<0.01	1.65	99.37	<0.5	<5	<0.5
40209247		1	20.3	1.87	143	1.2	0.01	<0.005	<0.05	0.8	<0.01	1.25	101.61	<0.5	<5	<0.5
40209248		1	21.0	1.93	149	2.4	0.01	0.006	<0.05	0.7	<0.01	1.34	100.25	<0.5	<5	<0.5
40209249		3	25.4	2.30	201	1.4	0.01	<0.005	0.11	0.7	<0.01	6.19	99.65	<0.5	<5	<0.5
40209250		<1	13.4	1.29	72	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.03	100.92	<0.5	<5	<0.5
40209251		2	21.0	1.93	142	1.0	0.01	<0.005	<0.05	0.8	<0.01	1.32	101.76	<0.5	<5	<0.5
40209252		2	32.4	2.73	234	1.3	0.02	<0.005	0.07	1.0	<0.01	1.38	100.18	<0.5	<5	<0.5
40209253		1	55.4	4.73	412	1.8	0.04	<0.005	0.12	1.4	<0.01	1.44	100.71	<0.5	<5	<0.5
40209254		1	53.4	4.42	385	2.3	0.05	<0.005	0.11	1.5	<0.01	1.89	98.68	<0.5	<5	<0.5
40209255		2	54.1	4.70	398	1.9	0.04	<0.005	0.11	1.4	<0.01	1.38	99.90	<0.5	<5	<0.5
40209256		2	54.3	4.82	396	1.7	0.04	<0.005	0.12	1.5	<0.01	1.67	98.03	<0.5	<5	<0.5
40209257		1	48.7	4.58	355	1.4	0.04	<0.005	0.10	1.4	0.01	1.42	101.90	<0.5	<5	<0.5
40209258		1	50.4	4.40	330	1.4	0.05	<0.005	0.08	1.3	0.01	1.21	101.30	<0.5	<5	<0.5
40209259		2	30.3	2.64	201	0.9	0.04	<0.005	<0.05	0.9	<0.01	1.28	100.63	<0.5	<5	<0.5
40209260		1	4.5	0.40	22	1.2	0.09	0.014	0.50	1.3	0.13	10.45	99.89	1.3	<5	1.1
40209261		2	22.6	1.86	148	0.6	0.01	<0.005	<0.05	0.8	<0.01	1.17	101.54	<0.5	<5	<0.5
40209262		1	21.5	1.83	142	0.9	0.01	<0.005	<0.05	0.8	<0.01	1.16	99.45	<0.5	<5	<0.5
40209263		1	20.9	1.77	132	0.8	0.01	<0.005	<0.05	0.8	<0.01	1.23	100.29	<0.5	<5	<0.5

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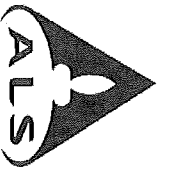
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209225		68	121	20	1	342	7	20	87	0.002	0.0046	0.006
40209226		48	233	50	3	46	7	26	144	0.001	0.0019	0.006
40209227		52	243	40	4	60	9	26	147	0.001	0.0020	0.009
40209228		53	272	40	3	52	11	28	154	0.002	0.0022	0.010
40209229		49	285	30	2	35	11	30	156	0.001	0.0026	0.011
40209230		155	586	<10	2	1940	63	11	204	0.016	0.0066	0.004
40209231		55	265	30	2	52	11	28	158	0.001	0.0024	0.010
40209232		53	244	30	<1	84	5	25	150	0.001	0.0022	0.010
40209233		56	239	20	<1	103	5	24	149	0.003	0.0019	0.009
40209234		55	245	20	<1	97	3	25	170	0.002	0.0020	0.008
40209235		52	250	20	<1	84	<2	25	169	0.001	0.0021	0.009
40209236		55	258	20	<1	89	4	26	159	0.003	0.0022	0.010
40209237		45	223	40	5	77	4	25	148	0.002	0.0021	0.008
40209238		52	286	40	<1	67	2	28	164	0.003	0.0030	0.011
40209239		34	227	20	<1	30	2	21	129	0.003	0.0032	0.008
40209240		16	57	10	2	4	7	19	161	0.001	<0.0005	0.001
40209241		29	199	20	<1	20	<2	18	108	0.003	0.0024	0.004
40209242		28	191	20	<1	21	<2	16	101	0.002	0.0025	0.006
40209243		25	175	20	<1	21	<2	13	95	0.003	0.0025	0.007
40209244		28	196	20	<1	24	<2	15	99	0.003	0.0027	0.008
40209244 CRD		28	196	20	<1	24	<2	15	99	0.003	0.0029	0.008
40209245		26	185	20	<1	22	<2	15	93	0.003	0.0025	0.008
40209246		23	148	20	<1	17	<2	12	86	0.002	0.0020	0.007
40209247		23	144	20	<1	16	2	12	80	0.002	0.0019	0.006
40209248		23	147	20	<1	17	2	11	74	0.001	0.0020	0.006
40209249		18	103	20	1	12	2	10	66	0.002	0.0015	0.005
40209250		63	107	10	<1	345	2	16	102	0.002	0.0044	0.008
40209251		23	139	20	<1	15	2	12	82	0.002	0.0018	0.006
40209252		18	89	10	<1	9	7	16	118	0.002	0.0012	0.004
40209253		19	55	20	2	<1	10	20	176	0.001	<0.0005	<0.001
40209254		18	48	20	1	<1	9	20	170	0.001	<0.0005	<0.001
40209255		18	52	20	1	<1	8	21	174	0.001	<0.0005	<0.001
40209256		18	54	20	1	<1	12	21	175	0.001	<0.0005	<0.001
40209257		19	63	20	2	1	7	21	174	0.001	<0.0005	<0.001
40209258		23	85	10	1	4	7	23	166	0.001	<0.0005	<0.001
40209259		20	129	20	1	21	8	19	128	0.002	0.0013	0.004
40209260		140	558	<10	2	1895	59	10	201	0.013	0.0059	0.004
40209261		22	130	20	<1	19	4	12	84	0.002	0.0019	0.006
40209262		21	123	20	<1	16	2	12	81	0.002	0.0016	0.006
40209263		20	128	20	<1	15	<2	11	75	0.002	0.0016	0.006

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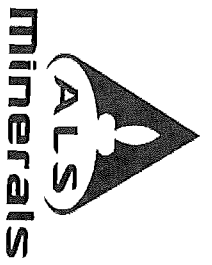
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40209264		6.83	0.02	0.01	53.5	19.90	7.86	8.58	3.87	1.59	1.35	<0.01	1.54	0.09	0.25	0.09
40209264 CRD		<0.02			53.7	20.2	7.87	8.38	4.26	1.58	1.40	<0.01	1.58	0.09	0.27	0.10
40209265		6.80			53.0	21.0	7.87	8.97	4.20	1.60	1.15	<0.01	1.54	0.09	0.25	0.09
40209266		1.07			52.8	20.5	8.49	8.93	4.14	1.75	1.71	<0.01	1.71	0.10	0.25	0.09
40209267		4.68			52.8	20.8	8.14	8.93	4.21	1.67	1.19	<0.01	1.62	0.09	0.25	0.09
40209268		6.73			52.3	19.95	8.93	8.84	4.07	1.84	1.06	<0.01	1.81	0.10	0.27	0.08
40209269		1.28			51.9	18.95	8.68	8.37	4.07	1.83	1.05	0.01	1.84	0.10	0.28	0.09
40209270		0.53			46.2	17.00	10.90	9.03	2.37	9.45	0.43	0.03	1.07	0.13	0.13	0.04
40209271		6.47			52.7	19.30	8.88	8.42	4.19	1.90	1.12	<0.01	1.85	0.10	0.29	0.09
40209272		6.61	77.2	89.4	53.3	19.20	9.24	8.52	4.17	1.95	1.13	<0.01	1.98	0.11	0.30	0.09
40209273		1.11			52.0	18.05	9.69	8.27	3.95	2.04	1.08	<0.01	2.05	0.11	0.31	0.08
40209274		4.60			52.9	18.30	10.20	8.33	4.02	2.15	1.19	<0.01	2.14	0.12	0.32	0.09
40209275		6.10			51.5	17.60	10.00	8.09	3.83	2.13	1.20	<0.01	2.14	0.12	0.30	0.08
40209276		2.10			52.1	17.45	10.65	7.63	3.77	2.26	1.83	<0.01	2.23	0.13	0.34	0.11
40209277		1.26			52.1	17.45	10.40	7.86	3.73	2.24	1.64	<0.01	2.23	0.12	0.34	0.10
40209278		6.38			53.0	17.80	10.65	7.66	3.76	2.27	1.89	<0.01	2.26	0.13	0.32	0.11
40209279		1.76			52.4	16.50	11.90	7.33	3.54	2.60	1.85	<0.01	2.59	0.14	0.38	0.09
40209280		0.20			36.9	3.10	12.40	6.56	3.34	2.80	2.42	0.59	0.26	0.16	0.04	0.01
40209281		6.58			51.0	14.10	14.30	6.90	3.30	3.07	1.61	<0.01	3.07	0.17	0.42	0.07
40209282		2.48			51.0	13.20	16.05	6.88	3.36	3.41	1.66	<0.01	3.52	0.20	0.48	0.06
40209283		0.62			49.9	13.45	15.80	6.87	3.16	3.44	1.47	0.01	3.48	0.18	0.43	0.06
40209284		2.19			52.1	15.95	12.15	6.38	3.39	2.70	2.43	<0.01	2.60	0.16	0.38	0.10
40209284 CRD		<0.02			51.5	16.40	13.55	6.56	3.34	2.80	2.42	<0.01	2.56	0.15	0.38	0.10
40209285		1.10			51.3	16.75	11.75	6.29	3.37	2.73	2.98	<0.01	2.47	0.15	0.35	0.09
40209286		1.69			47.7	12.65	16.80	7.07	2.94	3.41	1.03	<0.01	3.74	0.21	0.44	0.04
40209287		0.91			50.2	13.20	17.20	7.40	3.02	4.29	1.08	0.01	3.63	0.20	0.41	0.05
40209288		1.10			49.1	12.80	15.60	6.43	2.87	3.99	1.33	0.01	3.15	0.17	0.36	0.05
40209289		2.81			52.1	16.45	12.55	6.15	3.03	2.93	2.59	<0.01	2.41	0.14	0.39	0.10
40209290		0.49			45.5	16.95	11.75	9.28	2.13	10.80	0.36	0.03	0.98	0.15	0.42	0.03
40209291		3.18			49.8	12.35	17.35	7.33	2.98	3.92	1.35	<0.01	3.80	0.20	0.45	0.05
40209292		4.00			49.3	13.50	16.35	6.26	2.92	4.36	1.59	0.01	3.43	0.18	0.35	0.05
40209293		3.59			49.8	13.45	16.95	7.35	3.14	4.36	1.13	0.01	3.54	0.20	0.38	0.06
40209294		3.42			49.6	13.20	17.40	7.35	3.06	4.40	1.22	<0.01	3.73	0.21	0.40	0.05
40209295		3.22			49.0	13.00	16.95	7.51	2.98	4.36	0.91	<0.01	3.73	0.22	0.41	0.05
40209296		1.43			50.1	13.25	17.05	7.30	3.02	4.25	1.01	<0.01	3.68	0.21	0.39	0.05
40209297		1.94			49.1	12.85	17.05	7.36	2.78	4.30	0.76	<0.01	3.71	0.21	0.42	0.05
40209298		3.26			48.8	12.90	16.85	6.92	2.71	4.29	1.17	<0.01	3.70	0.21	0.41	0.05
40209299		2.86			48.7	12.55	16.70	6.88	2.24	4.36	1.56	<0.01	3.65	0.20	0.40	0.04
40209300		0.20			36.1	3.12	13.75	2.10	0.23	3.17	0.15	0.60	0.28	0.17	0.04	<0.01
40209301		2.18			48.1	12.80	16.10	6.67	2.76	4.20	1.20	<0.01	3.60	0.26	0.40	0.04



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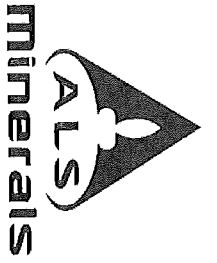
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Project: EBB0002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MSB1 Ba ppm	ME-MSB1 Ce ppm	ME-MSB1 Cr ppm	ME-MSB1 Cs ppm	ME-MSB1 Dy ppm	ME-MSB1 Er ppm	ME-MSB1 Eu ppm	ME-MSB1 Ga ppm	ME-MSB1 Gd ppm	ME-MSB1 Hf ppm	ME-MSB1 Ho ppm	ME-MSB1 La ppm
40209264	0.04	0.02	0.04	0.04	382	42.1	10	1.52	4.18	2.25	1.87	26.2	5.35	3.7	0.79	18.7
40209264 CRD	0.04	0.01	0.04	0.04	380	42.6	10	1.52	4.08	2.11	1.93	25.6	4.61	3.4	0.79	18.8
40209265	0.03	0.01	0.04	0.04	261	41.4	10	1.18	4.27	1.99	1.93	26.2	4.88	3.1	0.78	18.2
40209266	0.03	0.02	0.04	0.04	255	40.6	10	1.12	3.85	1.97	1.77	24.8	4.93	3.2	0.75	17.7
40209267	0.03	0.01	0.04	0.04	279	45.1	10	1.25	4.01	2.16	1.81	26.2	5.09	3.4	0.73	19.7
40209268	0.03	0.01	0.05	0.05	263	44.5	10	1.64	4.42	2.18	2.01	25.4	5.43	3.5	0.84	19.5
40209269	0.03	0.01	0.06	0.06	264	44.4	70	1.55	4.53	2.38	1.98	26.4	5.52	3.7	0.86	19.7
40209270	0.02	0.02	0.05	0.05	149.5	22.3	220	1.73	3.38	1.92	1.06	18.9	3.15	2.1	0.62	10.0
40209271	0.03	0.01	0.05	0.05	264	45.7	10	1.56	4.38	2.39	2.05	25.9	5.21	3.8	0.83	20.4
40209272	0.03	0.01	0.05	0.05	285	45.9	10	1.49	4.77	2.30	2.14	24.8	5.87	3.7	0.94	20.3
40209273	0.03	0.03	0.05	0.05	298	49.4	10	1.89	5.16	2.51	2.07	24.5	6.15	4.0	0.98	21.7
40209274	0.03	0.01	0.05	0.05	297	50.3	10	1.78	4.95	2.37	2.15	26.2	6.00	4.0	0.97	22.0
40209275	0.03	0.05	0.05	0.05	308	50.4	20	1.88	5.08	2.48	2.21	25.4	6.32	4.1	1.01	22.1
40209276	0.03	0.02	0.05	0.05	305	54.1	10	1.83	5.46	2.80	2.23	26.3	6.31	4.5	1.07	23.9
40209277	0.03	0.02	0.08	0.08	286	52.9	10	2.03	5.08	2.55	2.13	25.8	6.12	4.3	1.04	23.2
40209278	0.05	0.01	0.07	0.07	455	55.0	10	2.13	5.34	2.74	2.35	26.4	6.41	4.5	0.99	24.1
40209279	0.08	0.02	0.07	0.07	696	59.1	10	3.18	5.82	3.09	2.30	26.5	6.76	4.9	1.10	26.0
40209280	0.08	0.22	0.32	0.32	702	6.9	4340	0.25	0.75	0.46	0.23	4.3	0.76	0.8	0.16	3.3
40209281	0.08	0.02	0.08	0.08	760	71.1	30	3.95	7.32	3.84	2.66	25.3	8.15	5.9	1.38	31.0
40209282	0.09	0.02	0.07	0.07	717	74.5	30	2.96	7.52	3.95	2.80	24.5	9.02	6.4	1.45	32.8
40209283	0.07	0.01	0.06	0.06	677	74.0	50	3.65	7.88	4.24	2.78	26.4	9.13	6.8	1.56	31.4
40209284	0.13	0.01	0.06	0.06	1185	64.2	10	2.26	6.13	3.10	2.45	26.3	7.50	5.2	1.23	27.9
40209284 CRD	0.14	0.01	0.06	0.06	1205	64.2	10	2.38	6.45	3.51	2.43	26.4	7.46	5.9	1.21	28.0
40209285	0.14	0.03	0.06	0.06	1240	59.2	10	2.58	6.86	2.80	2.33	21.9	6.94	5.0	1.10	26.1
40209286	0.05	0.02	0.11	0.11	466	77.1	50	4.48	8.15	4.27	2.81	22.7	9.84	7.2	1.55	34.1
40209287	0.06	0.02	0.20	0.20	471	74.8	40	2.85	7.39	3.73	2.78	22.1	9.00	6.7	1.35	33.1
40209288	0.06	0.02	0.25	0.25	534	73.0	50	3.96	6.96	3.51	2.70	22.1	8.43	6.6	1.35	33.4
40209289	0.11	0.02	0.52	0.52	939	69.2	20	2.30	6.15	3.09	2.66	22.6	7.72	5.8	1.21	30.6
40209290	0.01	0.02	0.05	0.05	123.0	20.3	210	2.03	2.83	1.42	1.02	15.6	2.96	2.1	0.56	9.2
40209291	0.06	0.02	0.10	0.10	482	83.9	20	3.74	8.33	4.09	3.19	22.9	10.35	7.8	1.57	36.7
40209292	0.07	0.03	0.35	0.35	616	70.9	50	3.93	6.75	3.53	2.53	22.1	8.27	6.4	1.39	31.4
40209293	0.06	0.01	0.05	0.05	509	73.5	40	3.88	7.31	3.57	2.86	23.0	8.77	6.9	1.40	32.5
40209294	0.07	0.02	0.05	0.05	589	73.3	40	4.16	7.34	3.84	2.77	22.5	8.78	6.7	1.37	32.3
40209295	0.06	0.04	0.06	0.06	463	74.8	40	4.16	7.48	3.60	2.82	22.4	9.15	6.8	1.39	33.0
40209296	0.04	0.04	0.17	0.17	361	77.2	40	5.00	7.34	3.89	2.79	22.7	9.02	7.1	1.39	34.3
40209297	0.05	0.03	0.10	0.10	395	76.8	40	3.68	7.54	3.77	2.80	22.4	9.16	7.0	1.39	33.7
40209298	0.07	0.09	0.33	0.33	621	76.5	40	6.21	7.36	3.61	2.92	22.4	8.96	7.1	1.44	33.3
40209299	0.08	0.07	0.35	0.35	696	73.0	40	2.00	7.35	3.65	2.70	21.9	8.96	6.8	1.40	32.6
40209300	0.08	0.23	0.36	0.36	701	6.5	4300	0.16	0.77	0.46	0.23	4.0	0.80	0.5	0.15	3.3
40209301	0.05	0.12	0.17	0.17	422	75.1	40	4.05	7.39	3.67	2.65	22.3	9.22	6.7	1.43	33.2

***** See Appendix Page for comments regarding this certificate *****



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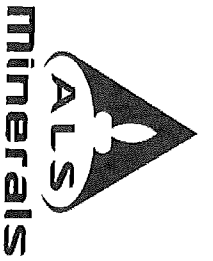
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 Account: KAV

Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm					
40209264	0.24	11.1	23.5	5.30	44.0	5.51	1	793	0.7	0.75	2.60	<0.5	0.33	0.63	121						
40209264 CRD	0.24	11.5	22.6	5.19	43.7	5.14	1	795	0.8	0.68	2.31	<0.5	0.29	0.61	124						
40209265	0.24	11.0	22.4	4.99	36.1	5.10	1	775	0.8	0.71	2.30	<0.5	0.30	0.57	125						
40209266	0.23	10.7	21.4	5.06	33.8	5.12	1	721	0.7	0.65	2.25	<0.5	0.28	0.60	133						
40209267	0.25	11.9	24.2	5.37	40.2	5.15	1	800	0.7	0.73	2.86	<0.5	0.30	0.66	134						
40209268	0.25	12.6	23.5	5.42	32.7	5.45	1	727	0.8	0.73	2.43	<0.5	0.31	0.67	151						
40209269	0.26	13.2	24.9	5.56	33.9	5.62	1	735	0.8	0.78	2.67	<0.5	0.33	0.72	157						
40209270	0.25	5.8	11.4	2.62	12.9	3.08	1	279	0.4	0.52	1.00	<0.5	0.28	0.25	127						
40209271	0.25	12.5	23.9	5.60	35.9	5.66	1	739	0.8	0.74	2.61	<0.5	0.33	0.71	163						
40209272	0.27	13.1	25.2	5.70	34.3	5.84	1	720	0.9	0.80	2.76	<0.5	0.36	0.75	161						
40209273	0.31	14.0	26.6	6.08	31.7	6.24	2	674	0.9	0.81	2.89	<0.5	0.35	0.72	168						
40209274	0.29	14.7	28.3	6.29	35.7	6.69	1	710	1.0	0.86	2.84	<0.5	0.36	0.71	180						
40209275	0.29	14.9	27.6	6.33	36.8	6.13	1	698	1.0	0.85	2.97	<0.5	0.43	0.76	192						
40209276	0.34	15.6	30.6	6.72	64.6	6.53	1	908	1.0	0.93	3.08	<0.5	0.36	0.78	198						
40209277	0.29	15.5	30.1	6.55	55.8	6.38	1	878	1.0	0.87	2.94	<0.5	0.38	0.79	191						
40209278	0.31	16.2	30.7	6.83	62.4	6.86	1	882	1.0	0.89	2.94	<0.5	0.39	0.82	198						
40209279	0.35	17.4	32.3	7.18	61.9	7.27	2	754	1.1	1.01	3.28	<0.5	0.46	0.83	225						
40209280	0.05	1.3	3.6	0.84	2.9	0.94	1	49.8	0.1	0.12	0.71	<0.5	0.05	0.12	86						
40209281	0.43	20.6	38.4	8.75	56.5	8.98	2	602	1.3	1.25	4.08	<0.5	0.54	1.18	302						
40209282	0.48	22.4	41.6	9.32	54.0	9.67	2	525	1.4	1.35	4.35	<0.5	0.61	1.27	304						
40209283	0.42	24.3	40.0	9.11	53.4	9.49	3	517	1.5	1.29	4.41	<0.5	0.59	1.21	371						
40209284	0.36	18.3	34.1	7.90	87.2	7.89	2	853	1.2	1.12	3.65	<0.5	0.45	0.94	233						
40209284 CRD	0.38	19.0	35.0	7.86	87.4	7.71	2	850	1.3	1.06	3.95	<0.5	0.45	1.09	238						
40209285	0.37	17.9	31.9	7.71	105.5	7.62	2	821	1.0	0.97	3.60	<0.5	0.42	1.04	227						
40209286	0.55	26.1	42.5	10.05	37.3	9.84	3	377	1.5	1.36	4.51	<0.5	0.59	1.41	413						
40209287	0.48	25.7	41.0	9.82	40.9	9.04	2	450	1.5	1.24	4.10	<0.5	0.52	1.28	414						
40209288	0.45	24.5	39.3	9.51	52.7	8.79	3	476	1.5	1.17	4.61	<0.5	0.50	1.56	386						
40209289	0.40	21.8	37.5	8.93	92.0	8.20	2	853	1.2	1.09	4.07	0.5	0.46	1.35	244						
40209290	0.23	5.8	11.4	2.65	9.3	2.53	1	260	0.2	0.44	0.90	<0.5	0.22	1.04	133						
40209291	0.52	30.0	45.8	11.00	48.0	10.65	4	469	1.8	1.43	4.64	<0.5	0.56	1.37	398						
40209292	0.42	24.6	38.6	9.25	60.2	8.67	2	486	1.4	1.17	4.44	<0.5	0.50	1.89	432						
40209293	0.48	25.0	40.6	9.55	42.1	9.02	2	512	1.6	1.27	4.21	<0.5	0.51	1.30	422						
40209294	0.42	26.5	40.4	9.58	43.9	9.18	2	495	1.5	1.22	4.07	<0.5	0.51	1.26	419						
40209295	0.45	26.4	40.5	9.68	35.0	9.39	2	460	1.6	1.24	4.13	<0.5	0.55	1.25	420						
40209296	0.47	25.9	42.4	10.05	39.9	9.57	2	434	1.5	1.31	4.67	<0.5	0.53	1.87	419						
40209297	0.46	26.4	41.6	9.95	30.3	9.57	2	434	1.5	1.28	4.18	<0.5	0.53	1.50	428						
40209298	0.44	32.2	41.6	9.90	41.2	9.17	2	431	1.5	1.33	4.32	<0.5	0.52	1.25	427						
40209299	0.46	26.8	39.9	9.46	57.2	8.80	2	386	1.5	1.22	4.09	0.6	0.49	1.23	423						
40209300	0.07	1.7	3.3	0.81	2.8	0.72	1	50.7	<0.1	0.13	0.51	<0.5	0.06	0.14	90						
40209301	0.47	26.5	41.7	9.85	36.2	9.56	2	415	1.5	1.29	4.34	<0.5	0.54	1.40	420						

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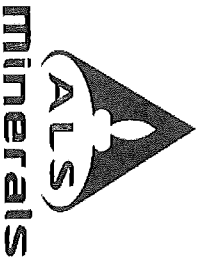
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CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 AS ppm	ME-MS42 BI ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAB5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 AS ppm	ME-4ACD81 Cd ppm
40209264	1	19.6	1.61	0.03	133	0.9	0.01	<0.005	<0.05	0.8	<0.01	1.43	100.09	<0.5	<5	<0.5
40209264 CRD	4	19.4	1.64	0.02	135	1.0	0.02	<0.005	<0.05	0.7	<0.01	1.37	100.82	<0.5	<5	<0.5
40209265	1	19.2	1.60	0.01	124	0.9	0.01	<0.005	<0.05	0.8	0.01	1.66	101.45	<0.5	<5	<0.5
40209266	1	18.8	1.68	0.01	125	1.0	0.01	<0.005	<0.05	0.7	<0.01	1.55	101.47	<0.5	<5	<0.5
40209267	2	20.4	1.69	0.01	133	0.9	0.01	<0.005	<0.05	0.7	<0.01	1.25	101.07	<0.5	<5	<0.5
40209268	1	20.9	1.72	0.01	140	0.9	0.01	<0.005	<0.05	0.8	0.01	1.18	100.46	<0.5	<5	<0.5
40209269	<1	21.2	1.93	0.01	144	0.9	0.01	<0.005	<0.05	0.8	0.01	1.18	98.38	<0.5	<5	<0.5
40209270	1	16.0	1.55	0.01	81	0.1	0.01	<0.005	<0.05	0.5	0.01	1.30	98.10	<0.5	<5	<0.5
40209271	1	21.1	1.90	0.02	138	1.8	0.02	<0.005	<0.05	0.8	<0.01	1.29	100.16	<0.5	<5	<0.5
40209272	1	22.0	2.01	0.03	145	0.9	0.03	<0.005	<0.05	0.8	0.01	1.27	101.29	<0.5	<5	<0.5
40209273	3	23.7	2.14	0.03	152	0.9	0.03	<0.005	<0.05	0.8	<0.01	1.02	98.68	<0.5	<5	<0.5
40209274	1	24.4	2.10	0.03	156	0.8	0.03	<0.005	<0.05	0.8	0.01	1.22	101.01	<0.5	<5	<0.5
40209275	5	24.1	2.23	0.03	157	0.8	0.03	<0.005	<0.05	0.8	0.01	1.25	98.27	<0.5	<5	<0.5
40209276	1	26.1	2.33	0.05	166	8.3	0.05	<0.005	<0.05	0.8	0.01	1.96	100.49	<0.5	<5	<0.5
40209277	1	25.9	2.26	0.02	170	3.4	0.02	<0.005	<0.05	0.8	0.01	1.70	99.94	<0.5	<5	<0.5
40209278	1	26.2	2.19	0.03	169	2.5	0.03	<0.005	<0.05	0.9	<0.01	1.55	101.45	<0.5	<5	<0.5
40209279	2	28.2	2.38	0.03	184	1.1	0.03	<0.005	<0.05	0.9	<0.01	1.14	100.54	<0.5	<5	<0.5
40209280	2	4.1	0.40	0.11	33	1.3	0.11	0.015	0.48	1.2	0.14	10.55	99.11	1.4	<5	1.1
40209281	1	34.9	2.90	0.04	236	1.6	0.04	<0.005	0.07	1.0	0.01	1.17	99.26	<0.5	<5	<0.5
40209282	2	37.1	3.30	0.05	243	1.6	0.05	<0.005	0.10	1.1	0.01	1.14	101.05	<0.5	<5	<0.5
40209283	1	37.4	3.38	0.06	253	2.0	0.06	<0.005	0.11	1.0	0.01	0.98	99.30	<0.5	<5	<0.5
40209284	1	30.5	2.50	0.03	201	1.7	0.03	<0.005	0.06	0.8	0.01	1.52	99.99	<0.5	<5	<0.5
40209284 CRD	2	31.0	2.55	0.04	214	1.7	0.04	<0.005	0.07	0.9	0.01	1.55	100.30	<0.5	<5	<0.5
40209285	4	28.2	2.51	0.05	200	1.6	0.05	0.005	0.07	0.9	<0.01	1.36	100.02	<0.5	<5	<0.5
40209286	<1	40.9	3.71	0.06	288	3.5	0.06	<0.005	0.14	1.2	0.01	1.36	98.15	<0.5	<5	0.6
40209287	<1	35.9	3.09	0.04	272	2.19	0.04	<0.005	0.26	1.1	0.01	1.02	101.77	<0.5	<5	<0.5
40209288	<1	34.4	2.88	0.05	265	1.65	0.05	<0.005	0.25	1.0	0.01	1.41	97.33	<0.5	<5	0.5
40209289	<1	30.7	2.68	0.04	230	3.1	0.04	<0.005	0.30	1.2	0.01	1.97	100.92	<0.5	<5	<0.5
40209290	<1	14.9	1.51	0.01	82	0.2	0.01	<0.005	<0.05	0.4	0.01	1.90	99.99	<0.5	<5	<0.5
40209291	<1	41.2	3.45	0.04	311	2.2	0.04	<0.005	0.16	1.3	<0.01	0.94	100.58	<0.5	<5	<0.5
40209292	<1	34.3	3.08	0.04	246	4.1	0.04	<0.005	0.23	1.1	0.01	1.65	100.02	<0.5	<5	<0.5
40209293	<1	36.3	3.19	0.04	269	1.9	0.04	<0.005	0.13	1.0	0.01	1.04	101.47	<0.5	<5	<0.5
40209294	1	36.2	3.02	0.04	267	1.9	0.04	<0.005	0.12	1.0	<0.01	1.04	101.73	<0.5	<5	<0.5
40209295	<1	36.7	3.21	0.04	272	1.9	0.04	<0.005	0.12	1.0	<0.01	1.18	100.36	<0.5	<5	<0.5
40209296	<1	37.1	3.15	0.05	281	2.9	0.05	<0.005	0.15	1.0	0.01	1.34	101.69	<0.5	<5	<0.5
40209297	<1	37.1	3.21	0.04	270	2.9	0.04	<0.005	0.25	1.2	0.01	1.72	100.56	<0.5	<5	<0.5
40209298	2	36.8	3.17	0.04	273	2.6	0.04	<0.005	0.45	1.3	0.01	2.12	100.20	<0.5	<5	<0.5
40209299	<1	35.8	3.06	0.05	265	1.6	0.05	<0.005	0.52	1.3	0.01	2.32	99.48	<0.5	<5	<0.5
40209300	<1	4.1	0.45	0.11	21	1.8	0.11	0.014	0.63	1.4	0.18	10.75	99.07	0.9	<5	<0.5
40209301	<1	36.4	3.22	0.06	276	4.1	0.06	0.013	0.46	1.2	0.01	2.19	98.37	<0.5	<5	<0.5



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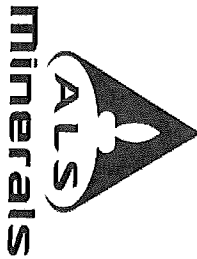
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209264		20	127	30	<1	15	2	10	77	0.002	0.0015	0.006
40209264 CRD		19	121	20	<1	15	<2	10	74	0.002	0.0017	0.007
40209265		19	123	20	<1	15	<2	10	73	0.002	0.0021	0.008
40209266		22	136	30	<1	19	2	11	83	0.002	0.0018	0.006
40209267		20	130	20	<1	15	2	10	73	0.002	0.0016	0.007
40209268		23	149	20	<1	19	3	12	80	0.002	0.0019	0.007
40209269		24	154	20	<1	22	<2	13	85	0.003	0.0025	0.008
40209270		57	117	20	<1	299	<2	16	84	0.002	0.0047	0.007
40209271		24	153	20	<1	21	<2	13	86	0.003	0.0021	0.008
40209272		24	154	20	<1	21	4	14	87	0.002	0.0021	0.007
40209273		26	170	20	<1	20	<2	15	89	0.003	0.0025	0.007
40209274		27	172	20	<1	23	2	16	96	0.003	0.0035	0.008
40209275		27	178	20	<1	22	<2	16	98	0.003	0.0025	0.007
40209276		27	175	30	<1	23	<2	16	110	0.003	0.0027	0.008
40209277		28	190	30	<1	24	<2	16	97	0.003	0.0027	0.008
40209278		27	189	20	<1	24	<2	17	113	0.003	0.0031	0.007
40209279		32	219	20	<1	29	2	19	98	0.003	0.0031	0.008
40209280		136	546	<10	2	1855	58	9	199	0.015	0.0068	0.004
40209281		39	262	20	<1	48	<2	23	130	0.004	0.0041	0.012
40209282		43	307	20	1	43	5	26	163	0.004	0.0038	0.010
40209283		47	304	20	<1	62	4	25	163	0.005	0.0051	0.019
40209284		36	228	20	<1	32	<2	21	129	0.003	0.0031	0.008
40209284 CRD		32	214	20	<1	30	3	19	122	0.003	0.0030	0.009
40209285		31	197	20	<1	29	6	17	140	0.003	0.0028	0.007
40209286		47	322	20	<1	66	6	26	180	0.006	0.0053	0.017
40209287		50	252	20	<1	70	5	26	142	0.006	0.0027	0.011
40209288		47	273	20	<1	72	2	24	196	0.005	0.0026	0.011
40209289		33	195	20	<1	37	3	18	126	0.003	0.0017	0.008
40209290		64	125	10	<1	345	<2	17	97	0.002	0.0044	0.007
40209291		47	295	20	1	46	4	27	157	0.004	0.0033	0.013
40209292		51	258	20	1	82	6	26	188	0.003	0.0030	0.012
40209293		50	264	20	<1	82	5	25	162	0.004	0.0028	0.012
40209294		49	272	20	1	81	4	24	150	0.004	0.0027	0.012
40209295		50	280	10	<1	83	13	26	162	0.004	0.0030	0.012
40209296		50	272	20	2	77	9	26	173	0.004	0.0028	0.011
40209297		51	274	20	<1	75	4	27	163	0.003	0.0025	0.010
40209298		51	261	20	<1	76	4	26	167	0.003	0.0027	0.011
40209299		49	276	30	<1	73	4	26	162	0.003	0.0033	0.011
40209300		141	560	<10	1	1890	56	10	204	0.015	0.0057	0.004
40209301		52	311	20	1	80	7	28	178	0.003	0.0027	0.012



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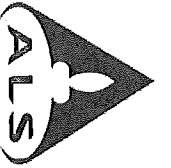
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40209302		2.81	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40209303		2.72			48.8	12.40	16.20	6.19	2.49	4.23	1.77	<0.01	3.59	0.22	0.38	0.03
					49.4	13.25	16.65	7.27	2.71	4.42	1.12	<0.01	3.58	0.22	0.38	0.04

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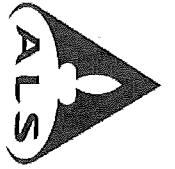
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Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209302		0.07	0.40	0.12	624	68.4	40	2.28	6.79	3.29	2.41	20.5	8.27	6.8	1.32	30.0
40209303		0.06	0.09	0.21	528	71.8	40	2.68	7.15	3.81	2.73	22.5	8.50	6.9	1.40	31.6

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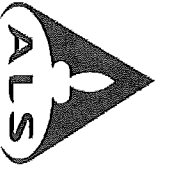
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Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40209302		0.42	25.1	36.8	8.92	62.3	8.39	2	331	1.5	1.16	3.79	0.5	0.47	1.11	404
40209303		0.46	25.1	39.8	9.36	38.5	8.85	2	409	1.5	1.22	4.22	<0.5	0.51	1.51	420

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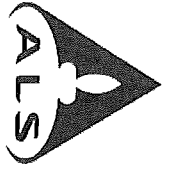
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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 AS ppm	ME-4ACD81 Cd ppm
40209302		1	34.0	3.01	254	11.3	0.04	0.006	0.42	1.3	0.01	3.80	100.17	<0.5	8	<0.5
40209303		1	34.9	3.09	266	7.9	0.05	0.006	0.60	1.3	0.01	2.14	101.24	<0.5	10	0.5



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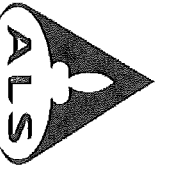
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001
40209302		48	260	50	1	76	5	25	150	0.002	0.0025	0.010
40209303		51	277	30	1	86	7	26	183	0.002	0.0026	0.011

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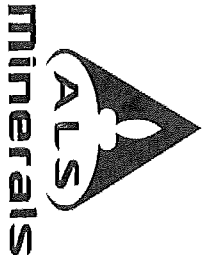
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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.	LOG-21
	BAG-04	CRU-31
	LOG-21d	LOG-23
	PUL-QC	SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.	ME-MS42
	C-IR07	ME-4ACD81
	ME-MS81	ME-ICP06
	TOT-ICP06	OA-GRA05
		PGM-MS24
		S-IR08

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ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

CERTIFICATE TB14131746

Project: EB80001827
 P.O. No.: 3101202290
 This report is for 58 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 2-SEP-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS SUE DRIEBERG JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Page: 1
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 Plus Appendix Pages
 Finalized Date: 19-SEP-2014
 Account: KAV

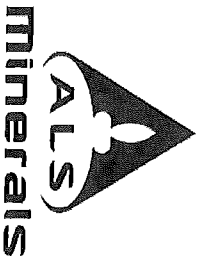
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% < 75um

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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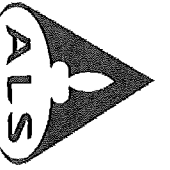
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 Account: KAV

Project: EB80001827

CERTIFICATE OF ANALYSIS TB14131746

Sample Description	Method Analyte Units LOR	WFI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40097079		0.34			47.0	18.45	10.85	9.80	2.36	9.00	0.39	0.03	1.08	0.14	0.12	0.03
40209154		9.77	85.1	87.7	60.8	17.50	7.41	0.39	1.73	2.84	3.48	0.03	0.81	0.03	0.10	0.01
40209155		11.01			61.4	17.50	7.20	0.77	1.85	2.72	3.42	0.03	0.82	0.03	0.11	0.01
40209156		10.96			61.1	17.60	7.46	0.48	1.82	2.82	3.46	0.03	0.83	0.03	0.11	0.01
40209157		10.90			59.8	17.85	8.11	0.37	1.63	2.93	3.58	0.03	0.84	0.03	0.11	0.01
40209158		10.53			58.2	18.30	8.30	0.35	1.43	3.07	3.87	0.03	0.85	0.03	0.10	0.01
40209159		10.19			60.0	17.90	8.13	0.44	1.57	2.96	3.63	0.03	0.84	0.03	0.11	0.01
40209160		0.16			37.4	3.21	14.25	2.12	0.24	32.4	0.13	0.59	0.28	0.17	0.05	<0.01
40209161		10.42			59.4	17.85	7.85	0.56	1.71	2.98	3.66	0.03	0.86	0.03	0.13	0.01
40209162		10.93			60.2	17.65	7.86	0.35	1.71	2.99	3.61	0.03	0.85	0.03	0.12	0.01
40209163		9.62			58.9	17.35	7.97	0.89	1.57	3.06	3.57	0.03	0.84	0.04	0.12	0.01
40209164		10.14			58.6	18.20	8.43	0.40	1.45	3.34	3.81	0.03	0.89	0.03	0.12	0.01
40209165		11.38			55.8	17.50	9.51	0.56	1.34	3.19	3.79	0.03	0.81	0.03	0.11	0.01
40209166		11.24			52.2	15.85	12.85	0.85	1.30	2.87	3.50	0.02	0.71	0.04	0.09	0.01
40209167		10.83			52.7	15.95	11.85	0.86	1.29	2.94	3.53	0.02	0.70	0.04	0.09	0.01
40209168		10.58			53.8	16.70	10.75	0.87	1.26	3.04	3.62	0.02	0.70	0.03	0.10	0.01
40209169		4.94			54.7	16.75	10.55	0.58	1.28	3.06	3.75	0.02	0.75	0.03	0.11	0.01
40209170		4.70			54.9	16.80	10.75	0.56	1.30	3.08	3.77	0.02	0.74	0.03	0.10	0.01
40209171		10.72			54.1	16.70	10.60	1.27	1.24	3.08	3.76	0.02	0.74	0.03	0.10	0.01
40209172		9.35			54.7	17.20	10.85	0.61	1.25	3.20	3.82	0.03	0.77	0.03	0.11	0.01
40209172 CRD		<0.02			54.9	17.10	10.75	0.69	1.24	3.20	3.82	0.03	0.77	0.04	0.10	0.01
40209173		10.17			53.3	16.40	11.50	0.92	1.23	3.04	3.67	0.02	0.73	0.03	0.10	0.01
40209174		11.32			54.3	16.85	11.15	0.56	1.27	3.15	3.72	0.03	0.75	0.03	0.11	0.01
40209175		9.91			54.4	16.85	11.15	0.56	1.27	3.16	3.73	0.03	0.75	0.03	0.10	0.01
40209176		10.00			54.7	16.80	9.96	0.62	1.25	3.23	3.71	0.02	0.75	0.03	0.10	0.01
40209177		10.33			53.7	16.30	11.75	0.85	1.26	3.08	3.61	0.02	0.72	0.03	0.10	0.01
40209178		10.61			53.4	15.90	11.60	1.08	1.28	3.03	3.49	0.02	0.70	0.04	0.11	0.01
40209179		10.61			53.8	15.70	11.30	1.01	1.34	3.04	3.44	0.02	0.70	0.03	0.11	0.01
40209180		0.69			47.2	18.65	11.30	10.20	2.42	9.29	0.39	0.03	1.18	0.15	0.11	0.03
40209181		10.06			53.8	15.20	9.86	1.34	1.35	2.89	3.34	0.02	0.66	0.03	0.10	0.01
40209182		11.17			54.6	15.05	9.28	1.02	1.42	2.89	3.29	0.02	0.66	0.03	0.10	0.01
40209183		8.03			54.1	14.10	10.25	1.97	1.30	2.72	3.11	0.02	0.60	0.03	0.10	0.01
40209184		8.97			56.1	14.00	9.51	1.11	1.27	2.61	3.08	0.02	0.56	0.03	0.09	0.01
40209185		10.01			60.0	13.10	7.88	2.09	1.44	2.46	2.81	0.01	0.53	0.04	0.09	0.01
40209186		7.22			56.5	13.15	8.22	3.76	1.48	2.70	2.83	0.01	0.55	0.04	0.13	0.01
40209187		6.30			54.6	11.75	6.97	7.94	1.23	2.57	2.54	0.01	0.47	0.07	0.08	0.01
40209188		10.07			46.6	16.60	11.65	8.24	2.59	4.74	1.25	0.02	2.29	0.15	0.28	0.03
40209189		10.93			45.4	16.05	12.40	9.63	2.71	5.22	0.63	0.03	2.30	0.16	0.29	0.03
40209190		0.16			35.5	3.04	13.65	2.02	2.22	31.6	0.13	0.60	0.26	0.17	0.04	<0.01
40209191		11.44			43.6	16.30	12.25	9.02	2.66	5.27	0.80	0.03	2.42	0.15	0.30	0.03

***** See Appendix Page for comments regarding this certificate *****



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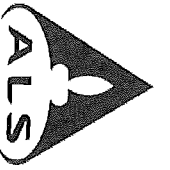
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CERTIFICATE OF ANALYSIS TB14131746

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Sample Description	Method Analyte Units LOR	ME-ICP06		C-IR07		S-IR08		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81	
		BaO %	%	C %	S %	Ba ppm	Ce ppm	Cr ppm	Co ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm
40209157	0.05	0.57	0.01	0.04	0.01	124.5	20.9	240	2.10	2.85	1.63	1.06	17.0	2.84	2.0	0.86	9.4												
40209158	0.05	0.55	0.01	0.04	0.01	484	71.1	210	11.15	4.24	2.59	1.15	23.7	4.41	4.1	0.86	31.0												
40209159	0.08	0.22	0.06	0.36	0.06	714	6.2	4400	11.85	4.24	2.48	1.23	24.2	4.42	4.5	0.89	33.0												
40209160	0.05	0.51	0.05	0.30	0.05	466	69.7	220	12.15	4.18	2.51	1.24	24.3	4.57	4.3	0.87	33.5												
40209161	0.05	0.55	0.05	0.34	0.05	453	69.1	210	12.75	4.87	2.63	1.26	25.1	4.94	4.3	0.88	34.6												
40209162	0.05	0.58	0.05	0.35	0.05	438	67.3	210	13.60	4.51	2.75	1.34	26.2	5.20	4.0	0.93	35.0												
40209163	0.05	0.49	0.05	0.28	0.05	464	71.1	210	12.55	4.30	2.65	1.30	24.9	4.78	4.2	0.88	34.6												
40209164	0.05	1.43	0.05	1.97	0.05	459	70.8	200	0.19	0.81	0.39	0.23	4.7	0.85	0.6	0.15	3.0												
40209165	0.05	2.18	0.05	5.58	0.05	411	64.8	170	12.85	4.89	2.98	1.44	19.8	5.54	3.7	1.02	32.7												
40209166	0.05	2.40	0.05	5.13	0.05	409	65.4	170	13.10	5.12	3.20	1.45	20.4	5.55	3.9	1.04	33.5												
40209167	0.05	2.33	0.05	3.87	0.05	424	66.4	180	13.75	5.17	3.06	1.40	21.2	5.43	4.1	1.04	34.1												
40209168	0.05	2.21	0.05	3.63	0.05	432	68.6	180	14.10	5.18	3.02	1.44	21.4	5.70	3.8	1.08	35.2												
40209169	0.05	2.24	0.05	3.96	0.05	433	68.0	180	14.25	5.25	3.21	1.47	21.4	5.67	3.8	1.07	35.0												
40209170	0.05	2.12	0.05	3.61	0.05	430	65.7	180	13.80	4.89	3.13	1.46	21.5	5.46	3.7	1.02	33.8												
40209171	0.06	1.92	0.06	3.54	0.06	494	66.6	190	14.45	5.10	3.20	1.39	21.8	5.40	3.7	1.07	34.1												
40209172	0.06	1.88	0.06	3.44	0.06	493	71.1	180	14.10	5.30	3.13	1.52	22.2	5.78	3.7	1.03	36.5												
40209172 CRD	0.06	1.92	0.05	4.12	0.05	411	66.6	180	13.80	4.94	3.01	1.42	21.5	5.21	3.7	0.94	33.8												
40209173	0.05	1.95	0.05	3.87	0.05	419	65.1	180	14.10	4.88	3.03	1.44	21.5	5.32	3.7	0.98	33.2												
40209174	0.05	2.19	0.05	3.83	0.05	420	65.9	180	14.55	4.85	3.11	1.43	21.7	5.33	3.7	1.00	34.0												
40209175	0.05	2.23	0.05	2.88	0.05	410	66.5	180	14.65	5.19	3.16	1.43	21.4	5.34	3.5	1.02	34.0												
40209176	0.05	2.56	0.05	4.88	0.05	392	66.1	170	14.20	4.86	3.16	1.44	20.9	5.48	3.5	1.00	33.9												
40209177	0.04	2.84	0.04	4.77	0.04	380	67.3	170	13.90	5.13	3.04	1.44	20.4	5.62	3.7	1.03	34.2												
40209178	0.04	3.16	0.04	4.63	0.04	361	67.3	170	13.35	5.01	3.06	1.31	20.3	5.50	3.7	1.06	34.7												
40209179	0.02	0.03	0.02	0.07	0.02	128.5	22.0	220	2.09	2.99	1.71	1.09	17.5	3.04	2.3	0.60	10.0												
40209180	0.04	4.43	0.04	4.28	0.04	349	65.5	150	13.30	5.28	3.32	1.34	19.4	5.31	3.7	1.08	34.5												
40209181	0.04	4.44	0.04	3.66	0.04	334	69.8	150	13.55	5.48	3.51	1.41	19.2	5.73	4.0	1.14	36.1												
40209182	0.05	3.51	0.05	5.08	0.05	405	72.0	130	12.75	5.22	3.31	1.35	19.0	5.73	4.3	1.05	37.4												
40209183	0.03	2.96	0.03	4.79	0.03	301	74.4	110	12.70	5.36	3.22	1.14	18.5	5.69	4.9	1.11	38.7												
40209184	0.05	3.31	0.05	3.59	0.05	407	69.5	100	12.05	5.18	3.25	1.08	17.5	5.22	4.4	1.05	36.5												
40209185	0.13	3.51	0.13	2.87	0.13	1130	68.3	100	10.85	5.00	3.07	1.13	16.2	5.30	4.8	1.04	35.8												
40209186	0.28	4.13	0.28	2.04	0.28	2510	68.1	90	8.33	4.90	3.00	1.22	14.7	5.18	4.0	0.99	35.7												
40209187	0.07	0.83	0.07	0.96	0.07	170	55.9	170	2.91	6.57	3.73	1.82	21.4	6.69	5.6	1.31	26.2												
40209188	0.03	0.37	0.03	0.34	0.03	260	52.4	190	2.69	6.69	3.58	1.98	20.8	6.92	5.0	1.30	23.7												
40209189	0.08	0.22	0.08	0.41	0.08	708	6.5	4360	0.25	0.86	0.41	0.21	4.4	0.80	0.5	0.17	3.2												
40209190	0.03	0.74	0.03	0.50	0.03	288	55.2	190	2.59	6.53	3.65	1.93	22.0	6.65	5.3	1.32	25.2												

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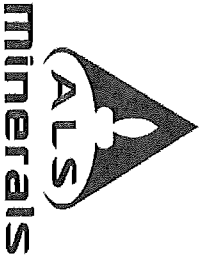
Project: EB80001827

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CERTIFICATE OF ANALYSIS TB14131746

Sample Description	Method Analyte Units	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097079		0.20	5.2	11.9	2.65	9.9	2.84	1	270	0.4	0.46	0.93	<0.5	0.26	0.20	145
40209154		0.37	10.6	30.4	7.74	164.0	5.66	2	76.8	0.5	0.72	8.21	0.7	0.36	5.13	148
40209155		0.38	11.1	32.5	8.41	169.5	5.95	2	87.5	0.5	0.69	8.93	0.8	0.38	4.81	159
40209156		0.38	10.9	31.9	8.55	169.5	6.02	2	83.3	0.6	0.72	8.80	0.7	0.37	5.06	159
40209157		0.42	11.3	34.1	8.70	181.5	6.62	2	78.8	0.6	0.75	9.02	1.0	0.41	5.74	169
40209158		0.46	11.3	34.3	8.89	190.5	6.52	2	71.2	0.6	0.79	9.08	1.0	0.40	5.68	176
40209159		0.39	11.0	32.8	8.57	178.0	6.05	2	74.8	0.5	0.75	8.93	0.8	0.39	5.09	163
40209160		0.05	0.7	3.3	0.77	3.5	0.81	1	50.9	0.1	0.12	0.49	<0.5	0.06	0.12	49
40209161		0.43	11.5	32.5	8.51	179.5	6.18	2	84.1	0.8	0.77	9.16	0.9	0.42	4.62	178
40209162		0.41	11.3	32.4	8.50	177.5	6.27	2	81.2	0.8	0.77	9.10	0.9	0.38	4.92	179
40209163		0.42	11.0	31.5	8.37	177.0	6.25	2	75.9	0.8	0.75	8.83	0.9	0.36	4.42	180
40209164		0.39	11.4	33.6	8.71	190.0	6.69	2	71.2	0.8	0.79	9.03	1.0	0.41	4.70	190
40209165		0.43	11.1	34.8	8.82	188.0	6.60	2	77.8	0.7	0.83	9.30	1.5	0.42	7.79	206
40209166		0.45	9.8	31.3	8.25	172.0	6.50	2	86.7	0.7	0.84	8.57	2.3	0.46	11.95	207
40209167		0.49	9.7	32.0	8.30	174.5	6.46	2	85.8	0.7	0.87	8.73	2.3	0.47	13.45	229
40209168		0.51	10.3	32.2	8.57	181.5	6.40	2	85.9	0.7	0.83	9.27	2.3	0.47	12.50	245
40209169		0.51	10.3	33.5	8.66	182.0	6.77	2	78.2	0.7	0.82	8.98	3.0	0.50	11.85	294
40209170		0.48	10.4	33.9	8.61	182.0	6.69	2	77.0	0.7	0.88	9.26	2.7	0.49	12.10	296
40209171		0.47	9.9	32.7	8.48	182.0	6.44	2	108.0	0.7	0.84	9.02	2.5	0.47	11.90	249
40209172		0.49	10.0	32.7	8.51	184.5	6.26	2	73.0	0.7	0.86	8.91	2.5	0.48	12.20	272
40209172 CRD																
40209173		0.48	10.8	35.1	9.08	181.5	7.35	2	73.0	0.7	0.88	9.92	2.4	0.48	11.40	287
40209174		0.45	9.8	31.9	8.46	177.0	6.67	2	88.2	0.7	0.81	8.92	2.2	0.45	11.65	222
40209175		0.47	9.8	32.3	8.45	179.5	6.36	2	72.6	0.7	0.82	8.91	2.2	0.43	13.05	264
40209176		0.51	9.9	32.5	8.42	179.0	6.57	2	72.3	0.7	0.81	8.62	2.3	0.47	13.85	251
40209177		0.52	9.9	32.5	8.36	178.5	6.53	2	80.1	0.7	0.79	9.01	1.8	0.45	12.25	242
40209178		0.52	9.6	33.1	8.44	172.5	6.48	2	87.7	0.7	0.84	8.64	2.5	0.46	14.85	239
40209179		0.52	9.9	32.3	8.58	167.0	6.62	2	99.8	0.7	0.88	8.90	2.5	0.50	15.55	256
40209180		0.54	10.4	32.4	8.58	165.0	6.64	2	91.8	0.7	0.86	8.95	2.1	0.50	15.90	254
40209181		0.23	6.1	12.0	2.82	11.2	2.89	1	298	0.4	0.48	1.04	<0.5	0.26	0.25	155
40209182		0.60	10.1	32.1	8.48	158.0	6.79	2	91.3	0.8	0.88	9.38	1.6	0.51	18.75	301
40209183		0.57	10.4	34.8	9.03	154.0	6.73	2	92.1	0.7	0.88	9.40	1.5	0.53	15.00	252
40209184		0.57	11.3	34.6	9.08	143.0	6.83	3	97.9	0.7	0.87	9.94	2.2	0.50	10.70	232
40209185		0.56	12.7	35.3	9.25	140.0	7.11	3	70.4	0.9	0.88	10.85	2.0	0.51	10.80	226
40209186		0.54	12.5	32.3	8.48	124.5	6.20	3	84.8	0.8	0.80	10.55	1.9	0.48	13.95	220
40209187		0.54	11.5	32.8	8.64	126.0	6.41	2	90.3	0.7	0.83	10.10	1.6	0.52	13.10	242
40209188		0.49	10.1	32.8	8.86	101.5	6.47	2	104.0	0.7	0.83	8.97	1.5	0.44	12.10	251
40209189		0.54	14.4	30.2	7.26	35.1	6.65	2	276	0.9	1.07	3.08	1.2	0.55	1.66	288
40209190		0.50	14.0	29.7	6.79	18.1	6.71	1	295	0.8	1.11	2.22	0.9	0.51	0.45	278
40209191		0.04	1.3	3.6	0.79	3.7	0.87	2	52.4	0.1	0.13	0.57	<0.5	0.06	0.14	38
40209191		0.49	14.5	30.3	7.08	21.3	7.28	2	296	0.9	1.05	2.44	0.8	0.53	0.53	272

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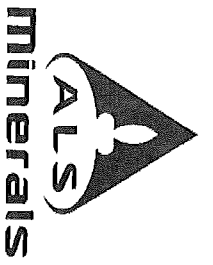
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CERTIFICATE OF ANALYSIS TB14131746

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS91 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAD5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm	
40091079	<1	15.1	1.50	0.03	76	1.1	0.03	<0.005	0.07	0.5	0.02	1.37	100.63	<0.5	<5	0.6	
40209154	4	23.3	2.33	0.27	150	12.4	0.27	0.127	0.76	0.7	0.04	5.15	100.33	<0.5	12	<0.5	
40209155	4	23.3	2.59	0.27	161	8.6	0.24	0.120	0.76	0.6	0.04	5.06	100.97	<0.5	9	<0.5	
40209156	3	22.8	2.43	0.25	161	9.0	0.25	0.136	0.87	0.8	0.05	5.07	100.87	<0.5	12	<0.5	
40209157	2	24.5	2.59	0.26	153	13.9	0.26	0.156	1.59	0.8	0.04	5.56	100.90	<0.5	15	<0.5	
40209158	1	24.9	2.75	0.28	147	13.4	0.28	0.180	1.40	0.7	0.05	5.69	100.28	<0.5	15	<0.5	
40209159	2	23.7	2.62	0.25	147	11.6	0.25	0.152	1.01	0.6	0.02	5.44	101.14	<0.5	10	<0.5	
40209160	<1	4.1	0.41	0.09	22	1.8	0.09	0.015	0.59	1.2	0.17	10.55	101.47	1.1	<5	1.3	
40209161	2	23.9	2.60	0.25	157	10.4	0.25	0.139	0.87	0.4	0.02	5.21	100.33	<0.5	12	<0.5	
40209162	3	24.7	2.65	0.27	157	9.9	0.27	0.153	0.88	0.7	0.04	5.20	100.66	<0.5	8	<0.5	
40209163	2	24.3	2.50	0.25	159	11.6	0.25	0.161	1.00	0.6	0.03	5.43	99.83	<0.5	12	<0.5	
40209164	2	25.7	2.68	0.27	150	10.4	0.27	0.185	0.78	0.4	0.02	5.46	100.82	<0.5	12	<0.5	
40209165	4	28.0	2.95	0.33	148	25.5	0.33	0.416	2.02	1.1	0.08	7.32	100.05	<0.5	25	1.1	
40209166	3	28.3	2.95	0.37	141	14.20	0.37	1.005	3.32	1.6	0.07	10.45	100.79	<0.5	130	1.6	
40209167	3	29.7	3.02	0.37	141	75.1	0.37	1.080	3.30	1.5	0.08	10.30	100.33	0.5	73	2.4	
40209168	3	30.0	3.26	0.37	148	47.3	0.37	0.965	3.47	1.6	0.08	9.85	100.80	0.6	49	3.3	
40209169	4	31.0	3.33	0.38	146	51.4	0.38	1.100	4.48	2.1	0.07	9.49	101.13	0.8	49	4.4	
40209170	5	30.9	3.21	0.36	146	52.7	0.36	1.055	4.26	2.1	0.06	9.64	101.75	0.8	54	4.0	
40209171	3	29.6	3.08	0.37	140	59.4	0.37	0.949	4.20	2.2	0.07	9.43	101.13	0.7	58	3.2	
40209172	5	29.3	2.95	0.36	137	45.8	0.36	0.845	3.08	1.7	0.07	9.22	101.86	0.6	44	2.1	
40209172 CRD																	
40209173	4	29.1	3.09	0.34	137	49.9	0.34	0.833	3.08	1.4	0.06	8.98	101.69	0.7	55	2.5	
40209174	3	27.6	3.01	0.37	134	64.5	0.37	0.988	2.33	1.5	0.09	9.50	100.50	<0.5	62	1.4	
40209175	4	28.6	2.95	0.34	136	45.3	0.34	1.090	3.39	1.5	0.07	9.26	101.24	0.7	49	3.3	
40209176	2	28.7	3.03	0.35	136	41.6	0.35	0.872	3.01	1.7	0.07	9.53	101.62	0.5	47	1.9	
40209177	4	29.0	3.02	0.36	133	85.1	0.36	0.732	2.63	1.5	0.08	9.14	100.37	<0.5	87	1.5	
40209178	9	29.5	3.11	0.39	137	57.7	0.39	1.120	2.88	1.5	0.08	10.35	101.83	0.5	57	1.4	
40209178	4	30.5	3.14	0.39	137	65.1	0.39	1.195	3.52	1.7	0.11	10.50	101.20	0.7	70	2.6	
40209179	7	28.8	3.18	0.42	143	64.4	0.42	1.175	4.48	1.8	0.11	10.60	101.14	0.9	65	3.3	
40209180	1	16.0	1.55	0.03	94	1.1	0.03	<0.005	0.08	0.3	<0.01	1.03	102.00	<0.5	9	<0.5	
40209181	15	31.5	3.51	0.55	142	62.9	0.55	1.305	5.45	2.1	0.12	11.80	100.44	1.1	62	3.5	
40209182	3	32.6	3.68	0.61	151	59.7	0.61	0.904	3.55	2.2	0.12	11.60	100.01	0.8	64	1.7	
40209183	2	30.8	3.38	0.60	167	62.7	0.60	1.045	4.36	1.5	0.09	11.30	99.66	0.8	59	2.3	
40209184	3	31.0	3.33	0.78	188	80.9	0.78	0.866	5.00	1.3	0.10	10.45	98.87	0.7	84	2.2	
40209185	4	29.3	3.37	0.68	180	48.7	0.68	0.749	5.94	1.7	0.10	10.56	100.66	0.8	55	2.5	
40209186	2	29.9	3.40	0.57	189	87.9	0.57	0.474	3.36	2.0	0.12	9.76	99.27	1.1	86	3.2	
40209187	6	28.4	2.98	0.42	164	37.7	0.42	0.527	1.70	1.8	0.09	9.61	98.13	0.9	45	3.2	
40209188	2	34.0	3.30	0.07	219	8.3	0.07	0.272	0.50	1.1	0.02	4.66	99.17	<0.5	13	0.5	
40209189	3	34.0	3.24	0.02	202	11.7	0.02	0.161	0.29	1.2	<0.01	3.14	98.02	<0.5	12	<0.5	
40209190	8	4.1	0.40	0.11	20	1.6	0.11	0.016	0.52	1.1	0.16	10.70	98.01	1.8	<5	0.7	
40209191	2	33.6	3.29	0.02	211	26.8	0.02	0.179	0.46	1.1	0.01	5.22	98.08	<0.5	35	<0.5	



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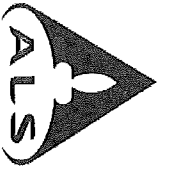
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CERTIFICATE OF ANALYSIS TB14131746

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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40091079		58	121	20	<1	282	<2	16	90	0.002	0.0039	0.006
40209154		22	62	80	1	83	13	22	141	0.002	0.0012	0.001
40209155		22	55	80	<1	83	19	22	120	0.002	0.0012	0.001
40209156		23	63	90	1	86	12	22	130	0.002	0.0013	0.001
40209157		23	63	80	2	91	16	23	156	0.003	0.0014	0.001
40209158		24	69	90	2	92	15	23	167	0.003	0.0014	0.001
40209159		23	63	80	1	91	13	22	135	0.003	0.0014	0.001
40209160		143	557	<10	1	1890	60	10	206	0.013	0.0057	0.003
40209161		21	59	80	1	84	12	21	121	0.002	0.0013	0.001
40209162		22	65	80	1	87	14	23	141	0.002	0.0013	0.001
40209163		22	58	80	1	89	13	22	136	0.002	0.0014	0.001
40209164		22	63	90	1	92	13	23	162	0.002	0.0014	0.001
40209165		27	114	90	8	104	23	23	280	0.004	0.0019	0.001
40209166		32	158	90	16	131	38	22	347	0.004	0.0022	0.002
40209167		31	145	90	19	145	40	22	431	0.004	0.0021	0.002
40209168		28	130	80	20	140	36	22	507	0.004	0.0020	0.002
40209169		26	133	90	19	162	35	23	669	0.004	0.0018	0.002
40209170		26	130	80	19	163	35	22	643	0.004	0.0018	0.002
40209171		26	118	80	17	142	36	22	534	0.004	0.0019	0.001
40209172		27	113	80	15	141	32	22	422	0.004	0.0020	0.003
40209172 CRD		28	123	90	15	144	32	23	461	0.004	0.0021	0.003
40209173		30	113	90	13	122	35	23	321	0.004	0.0020	0.003
40209174		30	111	90	16	145	34	23	582	0.004	0.0018	0.003
40209175		27	112	90	17	139	36	22	413	0.004	0.0022	0.003
40209176		28	115	90	14	128	30	24	339	0.004	0.0020	0.003
40209177		27	113	80	19	129	40	21	359	0.005	0.0021	0.003
40209178		27	142	80	23	140	44	22	472	0.005	0.0024	0.003
40209179		28	168	80	25	138	48	22	529	0.005	0.0024	0.004
40209180		54	117	10	1	273	<2	15	88	0.002	0.0040	0.006
40209181		25	190	80	32	162	61	21	590	0.006	0.0033	0.005
40209182		23	182	80	27	141	51	20	375	0.007	0.0036	0.005
40209183		22	162	70	26	144	46	18	443	0.004	0.0026	0.003
40209184		18	149	70	26	140	45	17	422	0.004	0.0017	0.003
40209185		16	154	70	28	127	44	16	384	0.004	0.0022	0.003
40209186		16	167	60	26	129	47	16	378	0.004	0.0027	0.003
40209187		13	159	60	28	129	38	14	414	0.005	0.0022	0.003
40209188		47	230	50	3	142	6	27	154	0.004	0.0086	0.011
40209189		47	223	20	<1	134	2	26	117	0.004	0.0086	0.011
40209190		137	549	<10	3	1840	55	9	191	0.014	0.0055	0.003
40209191		53	241	40	1	141	5	29	131	0.004	0.0087	0.011

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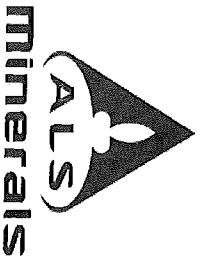
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CERTIFICATE OF ANALYSIS TB14131746

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40209192		11.64	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40209192 CRD		<0.02			44.0	15.45	13.40	9.43	2.33	5.69	0.86	0.02	2.11	0.16	0.25	0.03
40209193		11.23			44.9	15.60	13.55	9.42	2.43	5.57	1.01	0.02	2.23	0.17	0.27	0.03
40209194		11.94			45.5	15.65	13.60	9.86	2.55	5.83	0.63	0.02	2.19	0.16	0.27	0.03
40209195		4.70			48.9	16.65	13.30	7.96	2.56	5.62	0.67	0.02	2.34	0.14	0.29	0.03
40209196		5.78			58.4	14.80	7.26	8.67	2.69	4.95	0.69	0.02	2.32	0.13	0.27	0.03
40209197		10.53			57.7	12.60	5.62	5.44	1.78	3.34	3.38	0.02	1.04	0.07	0.17	0.02
40209198		10.60			64.3	14.90	5.39	6.54	1.55	3.57	3.04	0.02	0.60	0.07	0.16	0.01
40209199		3.29			62.6	15.10	5.31	1.95	1.83	2.49	3.87	0.02	0.72	0.03	0.15	0.01
40209200		3.26	86.8	88.1	61.2	14.85	5.09	1.74	1.77	2.41	3.80	0.02	0.69	0.03	0.16	0.01
40209201		5.87			57.8	13.55	6.32	5.44	1.78	3.34	3.38	0.02	1.04	0.07	0.17	0.02
40209202		3.61			19.45	4.56	4.00	4.02	0.55	0.98	1.15	0.01	0.66	0.06	0.15	0.01
40209203		4.65			61.1	14.70	5.76	1.08	1.72	2.06	4.37	0.02	0.20	0.10	0.34	0.02
40209204		11.16			62.0	15.50	5.07	0.90	1.85	2.28	4.44	0.02	0.72	0.03	0.14	0.01
40209205		10.70			63.5	15.85	5.28	0.86	1.98	2.33	4.52	0.02	0.74	0.03	0.15	0.01
40209206		10.04			62.4	15.90	5.69	1.03	1.84	2.34	4.67	0.02	0.78	0.03	0.16	0.01
40209207		10.91			38.8	10.20	4.36	19.90	1.38	1.76	2.82	0.01	0.49	0.16	0.11	0.02
40209208		10.45			62.1	15.80	5.95	0.74	1.81	2.43	4.90	0.02	0.76	0.03	0.16	0.01



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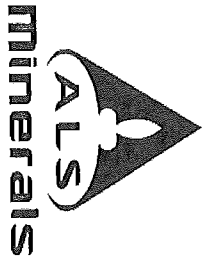
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CERTIFICATE OF ANALYSIS TB14131746

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 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209192	0.04	0.60	0.40	0.40	352	48.2	170	3.39	6.04	3.46	1.94	20.2	6.36	4.7	1.26	21.6
40209192 CRD	0.04	0.62	0.41	0.41	359	48.6	170	3.46	6.24	3.39	1.93	20.4	6.31	4.7	1.25	22.0
40209193	0.03	0.35	0.26	0.26	191.5	78.1	180	2.76	19.65	22.7	2.03	44.4	11.05	1370	5.73	36.1
40209194	0.03	0.48	0.40	0.40	246	42.4	170	2.58	5.73	3.38	1.89	23.3	6.17	5.1	1.10	19.9
40209195	0.03	0.43	0.49	0.49	283	42.3	170	3.24	5.56	3.08	1.74	22.8	5.99	5.0	1.16	19.6
40209196	0.08	1.65	0.78	0.78	677	61.3	130	9.59	4.55	2.70	1.24	19.1	5.11	4.8	0.91	32.4
40209197	0.07	2.68	0.53	0.53	610	59.0	110	8.36	4.70	2.71	1.15	16.1	5.02	4.4	0.97	32.5
40209198	0.08	1.71	1.08	1.08	667	65.3	140	9.58	5.07	3.20	1.09	19.2	5.41	4.7	0.93	35.4
40209199	0.07	1.94	0.88	0.88	597	69.8	130	9.64	5.21	3.11	1.14	18.3	5.75	5.1	1.04	37.8
40209200	0.07	1.90	0.86	0.86	599	70.8	130	10.00	5.17	3.31	1.17	18.0	6.29	5.5	1.15	37.6
40209201	0.07	3.08	1.61	1.61	563	54.1	130	8.21	4.14	2.61	1.06	16.3	4.95	4.0	0.86	29.7
40209202	0.03	8.22	2.26	2.26	235	46.5	30	3.53	3.76	2.38	1.00	6.1	4.70	2.3	0.80	24.9
40209203	0.07	1.74	1.94	1.94	631	61.0	140	10.10	3.67	2.17	1.10	17.9	4.68	4.3	0.77	32.0
40209204	0.07	1.91	0.81	0.81	653	65.8	160	9.60	4.13	2.50	1.23	19.2	4.50	4.8	0.78	35.6
40209205	0.07	2.29	0.72	0.72	621	63.0	160	9.05	4.06	2.32	1.18	19.2	4.68	4.9	0.84	34.0
40209206	0.08	1.80	0.78	0.78	631	64.4	170	9.54	3.88	2.24	1.37	19.4	5.00	4.7	0.79	34.1
40209207	0.04	5.57	0.45	0.45	390	47.0	110	6.63	3.44	2.25	1.07	12.3	4.43	3.5	0.67	25.4
40209208	0.07	2.64	1.06	1.06	630	62.5	160	9.93	4.00	2.31	1.18	19.2	5.11	4.5	0.86	34.5

***** See Appendix Page for comments regarding this certificate *****



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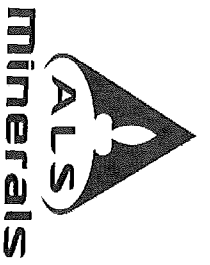
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 Account: KAV

Project: EB80001827

CERTIFICATE OF ANALYSIS TB14131746

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209192		0.44	13.1	26.9	6.22	25.9	6.45	2	273	0.8	1.01	2.16	0.6	0.48	0.41	248
40209192 CRD		0.48	13.2	27.6	6.30	27.6	6.34	2	269	0.8	1.01	2.15	0.7	0.50	0.42	250
40209193		6.92	25.6	36.9	9.12	20.8	8.67	7	202	1.9	2.29	33.9	0.5	4.41	38.3	253
40209194		0.41	13.5	24.6	5.64	16.6	5.53	2	249	0.7	1.01	2.60	0.8	0.46	0.50	239
40209195		0.42	13.1	23.6	5.82	18.1	6.18	1	280	0.6	0.95	2.07	<0.5	0.50	0.43	226
40209196		0.38	11.7	30.1	8.02	111.0	5.98	2	138.5	0.7	0.83	8.45	0.6	0.40	6.21	189
40209197		0.44	10.3	28.2	7.42	108.5	5.80	2	137.5	0.6	0.85	10.15	0.7	0.49	8.33	166
40209198		0.45	11.5	30.3	8.40	126.5	5.95	3	96.7	0.8	0.88	11.25	0.7	0.48	10.75	235
40209199		0.53	12.6	32.4	9.13	123.0	7.31	2	105.5	0.8	0.96	11.65	0.7	0.49	11.65	227
40209200		0.45	13.0	34.3	9.54	128.0	7.08	2	104.0	0.8	0.95	11.55	0.9	0.52	11.55	231
40209201		0.42	10.0	26.3	7.09	117.5	4.83	2	110.5	0.6	0.68	9.13	0.8	0.42	9.61	243
40209202		0.33	4.3	21.2	5.57	38.0	4.56	1	173.0	0.2	0.73	4.34	<0.5	0.37	2.98	24
40209203		0.33	10.8	28.6	8.01	137.0	5.56	2	93.2	0.6	0.76	11.05	0.7	0.41	7.82	178
40209204		0.36	11.5	31.3	8.36	142.5	5.79	2	100.5	0.7	0.77	10.95	0.8	0.39	8.94	192
40209205		0.34	11.0	29.4	8.44	135.0	5.92	2	106.0	0.7	0.73	10.65	0.7	0.35	10.75	203
40209206		0.34	10.9	30.8	8.20	138.5	5.86	2	98.4	0.7	0.79	10.05	0.7	0.37	6.52	173
40209207		0.32	7.3	23.3	6.22	91.6	4.75	1	203	0.4	0.68	7.09	<0.5	0.31	5.07	114
40209208		0.38	10.5	29.8	8.26	143.5	6.46	2	98.1	0.7	0.79	10.10	0.6	0.45	8.49	209

***** See Appendix Page for comments regarding this certificate *****



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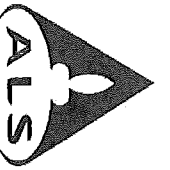
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CERTIFICATE OF ANALYSIS TB14131746

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Ta ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209192		1	32.7	3.02	191	46.9	0.02	0.074	2.17	1.0	0.01	3.07	96.84	<0.5	55	<0.5
40209192 CRD		1	33.2	3.10	192	43.7	0.02	0.082	1.95	0.9	<0.01	3.28	98.52	<0.5	46	0.5
40209193		3	170.0	34.7	>10000	18.9	0.02	0.066	3.06	1.0	0.01	2.24	98.56	<0.5	21	<0.5
40209194		1	28.3	2.66	187	14.1	0.02	0.114	0.49	1.5	<0.01	4.46	99.57	<0.5	17	<0.5
40209195		6	28.0	3.00	178	21.0	0.02	0.085	0.48	1.4	<0.01	3.69	101.84	<0.5	22	<0.5
40209196		6	25.6	2.84	168	19.4	0.30	0.170	3.04	2.9	0.06	5.59	101.39	1.1	31	3.5
40209197		2	27.4	2.95	152	24.5	0.44	0.272	4.08	2.8	0.09	8.83	100.38	1.1	27	4.2
40209198		3	27.8	3.25	168	35.9	0.44	0.499	10.80	4.3	0.09	5.82	100.44	1.9	37	8.4
40209199		2	29.6	3.22	184	31.4	0.46	0.459	8.03	3.9	0.08	6.37	100.51	1.7	33	7.7
40209200		3	29.8	3.27	189	32.5	0.49	0.486	8.30	4.0	0.11	6.24	98.08	1.7	36	7.5
40209201		2	24.7	2.78	141	38.7	0.37	0.502	11.40	3.7	0.10	8.29	100.59	1.5	42	8.1
40209202		1	26.1	2.46	81	77.4	0.13	0.124	3.21	1.2	0.04	26.7	98.29	<0.5	70	0.7
40209203		2	19.4	2.43	147	25.7	0.36	0.158	3.42	1.3	0.04	6.48	98.26	0.5	29	0.9
40209204		2	22.5	2.31	161	13.2	0.36	0.139	2.40	1.1	0.04	6.17	99.23	0.5	19	0.7
40209205		3	21.7	2.52	163	14.5	0.35	0.166	2.18	1.5	0.04	6.60	101.98	<0.5	18	1.1
40209206		7	21.3	2.11	163	14.7	0.35	0.122	2.04	1.5	0.05	6.11	101.06	<0.5	20	<0.5
40209207		2	22.8	2.13	108	31.8	0.22	0.092	1.22	1.2	0.03	18.75	98.80	<0.5	36	<0.5
40209208		2	22.9	2.33	157	20.9	0.34	0.225	2.82	1.5	0.03	7.19	101.97	0.7	27	0.9



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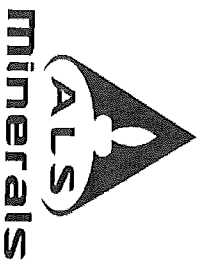
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CERTIFICATE OF ANALYSIS TB14131746

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209192		49	224	30	1	138	7	26	129	0.004	0.0083	0.010
40209192 CRD		47	224	40	1	136	7	26	127	0.003	0.0080	0.010
40209193		48	223	20	<1	134	6	26	126	0.004	0.0081	0.010
40209194		50	233	40	1	142	4	27	124	0.004	0.0087	0.011
40209195		50	232	30	<1	142	<2	27	121	0.004	0.0081	0.011
40209196		22	198	70	8	81	26	18	333	0.007	0.0041	0.006
40209197		11	142	60	10	59	30	13	429	0.007	0.0024	0.004
40209198		15	189	60	16	98	43	17	925	0.014	0.0083	0.006
40209199		15	179	60	16	101	48	16	879	0.011	0.0032	0.005
40209200		14	170	60	16	95	43	16	856	0.010	0.0030	0.005
40209201		15	166	50	18	115	37	15	924	0.009	0.0031	0.005
40209202		7	15	10	1	25	16	4	96	0.002	0.0006	0.001
40209203		13	105	50	8	68	22	17	148	0.004	0.0020	0.003
40209204		14	79	50	9	80	22	18	157	0.003	0.0018	0.003
40209205		14	79	50	11	80	25	17	189	0.004	0.0019	0.003
40209206		14	68	60	6	72	21	18	140	0.003	0.0018	0.003
40209207		10	50	30	3	49	15	12	97	0.003	0.0011	0.002
40209208		16	107	60	10	100	27	19	195	0.004	0.0022	0.003



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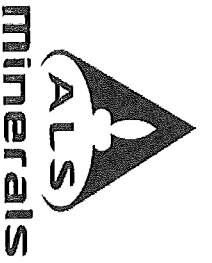
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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-MS81 TOT-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-4ACD81 OA-GRA05	ME-MS42 S-IR08



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CERTIFICATE TB14127465

Project: EB80001421
 P.O. No.: 3101202290
 This report is for 173 Drill Core samples submitted to our lab in Thunder Bay, ON,
 Canada on 22-AUG-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
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ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-OC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split - Dup 85% <75um

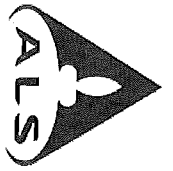
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (leco)	LECO
S-IR08	Total Sulphur (leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

ANALYTICAL PROCEDURES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: EB80001421

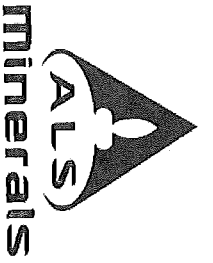
CERTIFICATE OF ANALYSIS TB14127465

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Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	GRU-QC Passzmm %	PUL-QC Passzmm %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %	
																	0.02
40097075		0.28			47.0	18.60	11.00	10.10	2.43	8.87	0.43	0.04	1.25	0.13	0.13	0.03	0.01
40097825		0.31			51.7	15.90	9.55	10.30	2.31	8.08	0.73	0.02	0.91	0.14	0.07	0.04	0.01
40097826		17.17	77.5	88.0	46.8	19.05	10.25	10.25	2.32	9.09	0.31	0.03	1.08	0.13	0.11	0.03	0.03
40097827		12.43			45.6	18.20	10.75	9.73	2.21	9.79	0.40	0.03	1.04	0.13	0.10	0.03	0.03
40097828		12.02			46.4	19.15	10.45	10.40	2.17	9.07	0.43	0.03	1.05	0.13	0.11	0.04	0.01
40097829		12.91			45.9	18.75	10.30	9.94	2.21	8.95	0.45	0.03	1.03	0.13	0.11	0.03	0.03
40097830		0.16			37.3	3.15	14.05	2.05	0.22	31.6	0.18	0.03	0.26	0.16	0.04	0.01	0.01
40097831		12.26			46.7	19.05	10.65	10.00	2.27	9.44	0.43	0.02	1.06	0.13	0.12	0.03	0.03
40097832		12.39			46.4	18.80	10.70	9.92	2.24	9.62	0.36	0.03	1.03	0.14	0.10	0.03	0.03
40097833		11.86			45.4	17.60	11.55	9.28	2.00	11.00	0.45	0.03	0.99	0.14	0.11	0.03	0.03
40097834		12.97			45.6	17.45	11.70	9.16	2.12	11.35	0.42	0.02	1.10	0.15	0.11	0.04	0.04
40097835		12.25			44.4	17.05	11.40	8.97	1.98	11.40	0.38	0.02	1.00	0.14	0.10	0.03	0.04
40097836		11.93			45.3	17.55	11.30	9.21	2.03	10.95	0.41	0.02	0.97	0.15	0.09	0.03	0.03
40097837		12.35			44.6	17.95	10.55	9.20	2.04	10.10	0.51	0.02	0.97	0.13	0.11	0.04	0.04
40097838		12.38			45.5	18.20	10.80	10.00	1.99	10.15	0.61	0.02	1.04	0.14	0.11	0.04	0.04
40097839		5.23			45.4	17.30	10.70	9.15	2.10	10.20	0.56	0.02	0.97	0.13	0.11	0.04	0.04
40097840		5.88			47.0	18.05	11.25	9.39	2.12	9.96	0.59	0.02	1.01	0.13	0.12	0.04	0.04
40097841		12.24			45.9	17.75	10.55	9.53	2.13	10.00	0.52	0.02	1.01	0.13	0.12	0.04	0.04
40097842		12.62			45.9	17.45	10.65	9.33	2.04	10.10	0.69	0.02	0.98	0.14	0.11	0.04	0.04
40097843		12.37			46.1	17.90	10.45	9.66	2.18	9.86	0.38	0.02	1.01	0.13	0.12	0.04	0.04
40097843 CRD		<0.02			47.5	18.50	10.60	9.99	2.27	9.99	0.41	0.02	1.01	0.14	0.12	0.04	0.04
40097844		12.06			47.0	18.90	10.30	9.97	2.20	8.97	0.47	0.03	0.97	0.12	0.12	0.04	0.04
40097845		12.27			47.6	19.25	10.35	10.15	2.26	8.75	0.49	0.02	0.98	0.12	0.11	0.03	0.04
40097846		12.19			45.9	18.15	10.10	9.95	2.17	9.34	0.38	0.02	0.96	0.12	0.10	0.04	0.04
40097847		12.51			46.4	17.40	11.15	9.50	2.12	10.70	0.38	0.02	0.99	0.14	0.11	0.03	0.03
40097848		12.16			45.0	16.35	11.40	9.04	1.86	11.75	0.53	0.02	0.97	0.14	0.10	0.03	0.03
40097849		12.10			46.2	18.50	9.76	9.83	2.26	9.03	0.50	0.02	0.97	0.13	0.13	0.04	0.04
40097850		0.29			54.3	14.05	10.85	8.36	2.91	5.49	1.28	<0.01	1.19	0.16	0.20	0.04	0.04
40097851		11.67			45.4	18.00	10.15	9.76	2.01	9.81	0.66	0.02	0.94	0.13	0.10	0.04	0.04
40097852		12.37			46.5	18.75	9.91	9.88	2.20	9.42	0.48	0.02	0.92	0.13	0.11	0.03	0.03
40097853		12.12			45.8	17.90	10.40	9.67	2.13	10.00	0.42	0.02	0.98	0.13	0.11	0.04	0.04
40097854		12.43			46.6	18.35	10.25	9.88	2.15	10.00	0.41	0.02	0.96	0.13	0.11	0.04	0.04
40097855		12.64			45.2	18.20	10.20	9.62	2.10	9.25	0.38	0.02	0.88	0.12	0.11	0.03	0.03
40097856		12.42			46.0	17.95	10.30	9.88	2.06	10.15	0.35	0.02	0.95	0.13	0.11	0.03	0.03
40097857		12.23			45.1	18.15	10.70	10.20	2.07	10.30	0.48	0.03	0.95	0.13	0.09	0.03	0.03
40097858		12.25			46.0	18.25	10.60	9.59	2.07	10.70	0.42	0.02	0.89	0.13	0.09	0.03	0.03
40097859		12.37			45.6	17.45	11.20	9.25	2.03	11.80	0.45	0.02	0.90	0.14	0.11	0.03	0.03
40097860		0.16			35.9	3.10	13.70	1.99	0.23	32.1	0.13	0.57	0.26	0.16	0.03	<0.01	0.03
40097861		12.24			46.0	16.85	11.90	9.00	2.00	13.15	0.36	0.02	0.90	0.15	0.10	0.03	0.03
40097862		12.56			44.6	17.35	10.50	9.35	2.09	11.30	0.34	0.02	0.97	0.14	0.10	0.04	0.04

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

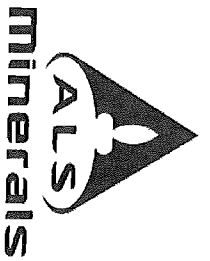
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

Project: EB80001421
CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097075		0.02	0.02	0.04	144.5	23.8	310	1.69	3.12	1.89	1.16	20.6	3.30	2.4	0.67	10.7
40097825		0.03	0.07	0.08	291	23.7	140	0.87	2.44	1.33	0.84	19.0	2.60	1.9	0.49	11.7
40097826		0.01	0.01	0.02	130.0	21.7	230	2.43	2.93	1.65	1.07	20.3	3.08	2.2	0.60	9.8
40097827		0.01	0.01	0.04	133.0	21.0	210	2.30	2.98	1.69	1.10	20.6	2.93	2.0	0.57	9.6
40097828		0.02	0.01	0.04	132.5	20.8	200	2.19	2.79	1.72	1.02	20.3	2.90	2.2	0.58	9.5
40097829		0.02	<0.01	0.04	150.5	19.7	210	2.15	2.67	1.56	0.96	19.7	2.89	2.1	0.55	9.0
40097830		0.08	0.22	0.37	697	5.8	4500	0.31	0.79	0.40	0.24	5.1	0.79	0.5	0.16	2.8
40097831		0.02	0.01	0.04	138.5	20.9	190	1.96	2.87	1.56	1.01	19.8	2.99	2.0	0.60	9.5
40097832		0.02	0.02	0.04	124.0	19.6	210	2.32	2.75	1.54	1.02	19.4	2.83	2.0	0.56	8.9
40097833		0.01	0.01	0.04	150.0	19.7	220	2.47	2.63	1.55	1.01	18.9	2.96	2.2	0.54	9.0
40097834		0.01	0.01	0.04	134.5	19.4	200	1.99	2.72	1.55	1.00	18.9	2.72	2.1	0.56	8.8
40097835		0.02	0.02	0.03	142.0	19.6	200	2.15	2.82	1.61	1.04	17.9	2.77	2.0	0.57	8.9
40097836		0.01	0.02	0.03	134.0	18.8	200	2.28	2.74	1.61	0.91	19.3	2.65	2.1	0.52	8.6
40097837		0.02	0.02	0.04	203	20.3	190	2.57	2.77	1.58	0.98	18.6	2.91	2.1	0.55	9.4
40097838		0.02	0.05	0.03	201	21.0	190	2.49	2.89	1.76	1.03	20.0	3.03	2.2	0.59	9.2
40097839		0.02	0.01	0.03	161.0	20.1	200	2.70	2.69	1.60	1.01	19.4	2.94	2.1	0.55	9.2
40097840		0.02	0.01	0.03	152.0	19.8	190	2.58	2.90	1.72	1.00	18.5	3.02	2.0	0.59	8.9
40097841		0.02	0.01	0.05	150.5	19.3	200	2.19	2.68	1.49	0.98	18.7	2.69	1.9	0.55	8.8
40097842		0.03	0.02	0.05	263	19.6	190	2.73	2.67	1.56	0.99	18.1	2.82	2.0	0.56	9.1
40097843		0.01	0.01	0.05	134.5	19.3	180	1.96	2.61	1.54	0.94	17.8	2.61	2.0	0.55	8.7
40097843 CRD		0.02	0.02	0.05	141.0	20.8	190	2.08	2.76	1.60	1.04	18.9	2.82	2.2	0.57	9.6
40097844		0.01	0.01	0.05	127.5	19.4	190	2.05	2.66	1.57	1.02	19.0	2.71	1.9	0.53	8.8
40097845		0.01	0.09	0.05	128.5	19.2	180	1.86	2.70	1.56	0.94	19.0	2.65	1.9	0.54	8.8
40097846		0.01	0.05	0.05	122.0	19.5	180	1.83	2.63	1.54	1.03	19.0	2.60	1.9	0.56	8.8
40097847		0.01	0.02	0.05	120.0	19.2	190	2.22	2.77	1.46	0.99	18.6	2.82	2.0	0.57	8.7
40097848		0.01	0.02	0.04	141.5	19.1	200	2.39	2.71	1.59	0.97	18.1	2.72	1.9	0.55	8.6
40097849		0.01	0.01	0.04	139.5	19.6	180	1.92	2.73	1.46	0.97	19.1	2.77	1.9	0.53	8.8
40097850		0.05	0.08	0.14	510	58.1	30	0.54	5.13	2.75	1.67	21.5	5.85	4.1	1.04	28.7
40097851		0.02	0.02	0.05	157.0	20.7	180	2.42	2.75	1.51	0.99	18.4	2.79	1.9	0.53	9.5
40097852		0.01	0.01	0.04	140.0	18.7	180	2.10	2.60	1.56	0.95	19.0	2.78	1.9	0.52	8.6
40097853		0.01	0.03	0.04	137.0	19.0	170	1.84	2.70	1.54	1.01	18.8	2.71	1.9	0.53	8.7
40097854		0.01	0.01	0.04	130.0	19.8	170	1.65	2.70	1.50	0.97	19.4	2.80	1.8	0.55	9.1
40097855		0.01	<0.01	0.04	123.0	18.8	170	1.61	2.67	1.48	1.00	18.5	2.75	1.8	0.51	8.6
40097856		0.01	0.01	0.05	133.0	18.3	170	2.52	2.61	1.51	0.97	18.2	2.52	1.9	0.53	8.2
40097857		0.02	0.01	0.04	146.0	17.9	180	1.95	2.47	1.44	0.93	17.4	2.49	1.9	0.50	8.2
40097858		0.01	0.01	0.04	130.5	17.8	170	1.94	2.29	1.33	0.94	17.2	2.45	1.8	0.53	7.8
40097859		0.01	0.01	0.05	121.5	17.9	170	1.89	2.60	1.40	0.96	16.6	2.57	1.6	0.49	7.9
40097860		0.08	0.22	0.37	721	6.0	4520	0.27	0.72	0.31	0.20	4.6	0.86	0.7	0.13	2.8
40097861		0.01	0.01	0.04	110.0	18.0	170	1.74	2.37	1.39	0.94	17.1	2.68	1.7	0.53	8.0
40097862		0.01	0.01	0.05	119.5	18.7	190	1.79	2.50	1.38	0.99	17.4	2.72	1.8	0.56	8.3

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80001421

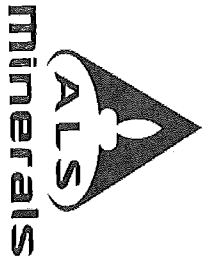
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units	ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81	
		Lu ppm	Nb ppm	Nd ppm	Pt ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm	W ppm	X ppm	Y ppm	Z ppm	As ppm	Br ppm
40097075		0.26	6.8	13.2	3.08	10.9	12.8	2.61	3.07	0.4	0.42	0.78	0.05	1.06	<0.5	0.27	0.29	176			
40097825		0.18	5.4	11.8	2.82	17.7	3.8	0.73	287	0.4	0.53	0.42	0.01	2.18	<0.5	0.42	0.29	176			
40097826		0.23	6.3	12.1	2.82	8.3	2.91	2.93	384	0.3	0.42	0.88	0.05	2.18	<0.5	0.42	0.29	176			
40097827		0.21	6.0	11.5	2.72	11.5	2.93	2.67	294	0.4	0.46	0.88	0.05	2.18	<0.5	0.42	0.29	176			
40097828		0.22	6.0	11.4	2.62	12.7	2.80	2.79	313	0.7	0.46	0.83	0.05	2.18	<0.5	0.42	0.29	176			
40097829		0.23	5.6	11.0	2.54	12.8	2.61	2.79	310	0.4	0.46	0.87	0.05	2.18	<0.5	0.42	0.29	176			
40097830		0.06	1.4	3.1	0.75	3.8	0.73	0.73	307	0.4	0.42	0.78	0.05	2.18	<0.5	0.42	0.29	176			
40097831		0.22	5.8	11.5	2.80	11.7	2.93	2.93	47.1	0.1	0.11	0.47	0.05	0.86	<0.5	0.09	0.12	11			
40097832		0.22	5.8	10.9	2.53	9.7	2.67	2.67	298	0.4	0.47	0.86	0.05	0.86	<0.5	0.23	0.24	127			
40097833		0.22	5.9	11.2	2.61	15.8	2.79	2.79	289	0.3	0.44	0.81	0.05	0.90	<0.5	0.22	0.22	131			
40097834		0.20	5.8	10.9	2.55	13.7	2.84	2.84	303	0.3	0.45	0.90	0.05	0.90	<0.5	0.24	0.28	135			
40097835		0.22	5.8	11.0	2.58	11.8	2.67	2.67	305	0.4	0.44	0.84	0.05	0.84	<0.5	0.23	0.22	138			
40097836		0.21	5.6	10.5	2.46	11.9	2.59	2.59	287	0.3	0.43	0.87	0.05	0.95	<0.5	0.23	0.25	128			
40097837		0.21	5.6	11.0	2.65	16.0	2.74	2.74	295	0.3	0.45	0.81	0.05	0.81	<0.5	0.21	0.23	127			
40097838		0.23	6.1	11.6	2.80	21.2	2.81	2.81	317	0.3	0.45	0.80	0.05	0.80	<0.5	0.22	0.23	124			
40097839		0.23	5.8	11.5	2.58	20.5	2.70	2.70	335	0.4	0.47	0.95	0.05	0.95	<0.5	0.24	0.29	138			
40097840		0.24	5.8	11.5	2.61	19.9	2.68	2.68	346	0.3	0.45	0.86	0.05	0.86	<0.5	0.22	0.22	135			
40097841		0.21	5.9	10.7	2.57	19.0	2.70	2.70	287	0.4	0.47	0.95	0.05	0.95	<0.5	0.26	0.26	132			
40097842		0.22	5.6	10.8	2.59	22.8	2.80	2.80	339	0.4	0.42	0.80	0.05	0.80	<0.5	0.23	0.23	131			
40097843		0.20	5.4	10.6	2.54	12.0	2.68	2.68	293	0.4	0.46	0.80	0.05	0.80	<0.5	0.23	0.23	128			
40097843 CRD																					
40097843		0.21	5.6	11.6	2.67	15.4	2.82	2.82	335	0.3	0.42	0.83	0.05	0.83	<0.5	0.22	0.22	122			
40097844		0.21	5.6	10.6	2.53	13.8	2.79	2.79	311	0.4	0.46	0.98	0.05	0.98	<0.5	0.24	0.27	128			
40097845		0.21	5.3	10.8	2.52	14.1	2.56	2.56	311	0.3	0.45	0.86	0.05	0.86	<0.5	0.22	0.22	127			
40097846		0.22	5.6	10.7	2.55	11.9	2.72	2.72	313	0.3	0.43	0.79	0.05	0.79	<0.5	0.23	0.23	126			
40097847		0.23	5.4	10.8	2.54	11.4	2.76	2.76	303	0.3	0.45	0.83	0.05	0.83	<0.5	0.23	0.23	127			
40097848		0.22	5.7	10.8	2.54	19.1	2.65	2.65	280	0.3	0.43	0.86	0.05	0.86	<0.5	0.25	0.23	127			
40097849		0.21	5.6	10.9	2.56	14.0	2.85	2.85	300	0.3	0.42	0.77	0.05	0.77	<0.5	0.22	0.20	127			
40097850		0.36	10.8	28.0	6.92	28.0	6.37	6.37	328	0.3	0.45	0.82	0.05	0.82	<0.5	0.23	0.20	127			
40097851		0.21	5.3	11.5	2.69	23.6	2.86	2.86	343	0.7	0.87	5.18	0.05	5.18	<0.5	0.40	0.87	127			
40097852		0.21	5.3	10.2	2.44	16.6	2.62	2.62	338	0.3	0.46	1.11	0.05	1.11	<0.5	0.21	0.20	128			
40097853		0.22	5.6	10.5	2.50	12.9	2.73	2.73	324	0.3	0.41	0.89	0.05	0.89	<0.5	0.20	0.20	120			
40097854		0.21	5.6	11.1	2.58	12.7	2.71	2.71	306	0.4	0.42	0.74	0.05	0.74	<0.5	0.22	0.19	119			
40097855		0.20	5.4	10.3	2.42	9.4	2.51	2.51	329	0.3	0.45	0.79	0.05	0.79	<0.5	0.23	0.22	120			
40097856		0.22	5.2	10.2	2.38	8.7	2.52	2.52	300	0.3	0.42	0.84	0.05	0.84	<0.5	0.20	0.20	121			
40097857		0.20	4.9	10.1	2.38	13.7	2.39	2.39	304	0.3	0.41	0.77	0.05	0.77	<0.5	0.22	0.18	116			
40097858		0.16	4.9	9.8	2.36	13.7	2.36	2.36	294	0.3	0.40	0.74	0.05	0.74	<0.5	0.21	0.18	111			
40097859		0.19	4.9	10.2	2.32	11.8	2.56	2.56	297	0.3	0.36	0.71	0.05	0.71	<0.5	0.18	0.17	115			
40097860		0.05	1.4	3.4	0.78	3.6	0.90	0.90	278	0.3	0.40	0.73	0.05	0.73	<0.5	0.21	0.16	119			
40097861		0.19	5.1	10.2	2.34	10.3	2.38	2.38	51.3	0.1	0.11	0.50	0.05	0.50	<0.5	0.05	0.09	36			
40097862		0.17	5.1	10.5	2.43	10.7	2.38	2.38	258	0.3	0.38	0.77	0.05	0.77	<0.5	0.18	0.16	120			
									281	0.3	0.43	0.71	0.05	0.71	<0.5	0.20	0.18	126			

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



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Project: EB80001421

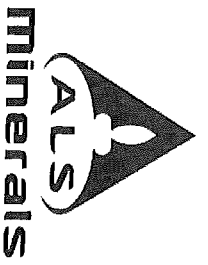
CERTIFICATE OF ANALYSIS TB14127465

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 Finalized Date: 14-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Br ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097075		2	17.0	1.67	90	0.8	0.01	<0.005	0.05	0.6	0.01	0.87	100.90	<0.5	<5	<0.5
40097825		1	12.6	1.22	68	0.1	0.01	<0.005	<0.05	0.3	0.01	1.30	101.08	<0.5	<5	<0.5
40097826		1	15.5	1.57	82	0.4	0.01	<0.005	<0.05	0.6	0.01	1.22	100.68	<0.5	<5	<0.5
40097827		1	15.1	1.57	78	0.4	0.01	<0.005	<0.05	0.4	0.01	1.27	99.29	<0.5	<5	<0.5
40097828		<1	15.0	1.59	79	0.2	0.01	<0.005	<0.05	0.7	0.01	1.91	101.36	<0.5	<5	<0.5
40097829		6	14.1	1.44	80	0.3	0.01	<0.005	<0.05	0.6	<0.01	1.32	99.17	<0.5	<5	<0.5
40097830		<1	3.8	0.36	20	1.6	0.15	0.017	0.61	1.3	0.21	10.60	100.29	0.9	<5	0.9
40097831		1	14.9	1.45	75	0.2	0.01	<0.005	<0.05	0.5	0.01	1.24	101.16	<0.5	<5	<0.5
40097832		<1	14.3	1.51	75	0.2	0.01	<0.005	<0.05	0.5	0.01	1.26	100.64	<0.5	5	0.5
40097833		1	14.8	1.48	83	0.5	0.02	<0.005	<0.05	0.6	0.01	1.76	100.36	<0.5	<5	<0.5
40097834		1	14.4	1.44	78	0.5	0.01	<0.005	<0.05	0.4	0.01	1.29	100.52	<0.5	<5	<0.5
40097835		2	14.3	1.49	76	0.5	0.02	<0.005	<0.05	0.4	0.01	1.85	98.74	<0.5	<5	<0.5
40097836		1	14.1	1.36	79	0.6	0.01	<0.005	<0.05	0.6	0.01	1.57	99.59	<0.5	<5	<0.5
40097837		1	14.3	1.45	79	0.4	0.02	<0.005	<0.05	0.3	<0.01	1.82	98.06	<0.5	<5	<0.5
40097838		1	15.3	1.45	80	0.1	0.01	0.007	0.05	0.3	<0.01	2.12	100.74	<0.5	<5	<0.5
40097839		1	14.5	1.48	79	0.4	0.02	0.022	<0.05	0.5	0.01	1.77	98.47	<0.5	<5	<0.5
40097840		1	14.9	1.56	78	0.5	0.02	<0.005	<0.05	0.5	0.01	1.93	101.63	<0.5	<5	<0.5
40097841		1	14.5	1.35	71	0.1	0.02	<0.005	<0.05	0.6	0.01	1.52	99.24	<0.5	<5	<0.5
40097842		1	14.1	1.41	71	0.4	0.02	<0.005	<0.05	0.4	0.01	2.27	99.70	<0.5	<5	<0.5
40097843		1	13.7	1.40	72	0.2	0.02	<0.005	<0.05	0.5	0.01	1.29	99.15	<0.5	<5	<0.5
40097843 CRD		1	14.6	1.39	80	0.2	0.01	<0.005	<0.05	0.4	0.01	1.32	101.93	<0.5	<5	<0.5
40097844		1	13.9	1.25	72	0.4	0.01	<0.005	<0.05	0.6	0.01	1.62	100.72	<0.5	<5	<0.5
40097845		<1	13.9	1.38	68	0.2	0.01	<0.005	<0.05	0.6	<0.01	1.36	101.48	<0.5	<5	<0.5
40097846		1	14.1	1.37	72	0.4	0.01	<0.005	<0.05	0.4	0.01	1.27	98.51	<0.5	<5	<0.5
40097847		1	14.0	1.42	73	0.3	0.02	<0.005	<0.05	0.4	<0.01	1.27	100.22	<0.5	<5	<0.5
40097848		1	14.1	1.45	73	0.6	0.02	<0.005	<0.05	0.6	<0.01	2.31	99.51	<0.5	<5	0.6
40097849		2	14.2	1.41	69	0.3	0.02	<0.005	<0.05	0.5	<0.01	1.10	98.47	<0.5	<5	<0.5
40097850		1	26.3	2.48	148	0.5	0.02	<0.005	<0.05	0.9	<0.01	1.06	99.94	<0.5	<5	<0.5
40097851		1	13.8	1.34	69	0.5	0.01	<0.005	<0.05	0.3	0.01	1.93	98.97	<0.5	<5	0.5
40097852		1	13.3	1.36	67	0.3	0.01	<0.005	<0.05	0.5	<0.01	1.44	99.81	<0.5	<5	<0.5
40097853		1	13.9	1.40	74	0.4	0.01	<0.005	<0.05	0.3	0.01	1.18	98.79	<0.5	<5	<0.5
40097854		<1	13.8	1.39	69	0.2	0.01	<0.005	<0.05	0.5	0.01	1.06	99.97	<0.5	<5	<0.5
40097855		<1	13.5	1.38	67	0.3	0.01	<0.005	<0.05	0.4	0.01	0.99	97.11	<0.5	<5	<0.5
40097856		1	13.4	1.32	66	0.3	0.01	<0.005	<0.05	0.5	0.01	1.78	99.72	<0.5	<5	<0.5
40097857		<1	12.8	1.32	67	0.3	0.01	<0.005	<0.05	0.5	<0.01	1.33	99.58	<0.5	<5	<0.5
40097858		<1	13.0	1.14	68	0.3	0.01	<0.005	<0.05	0.5	<0.01	1.50	100.30	<0.5	<5	<0.5
40097859		<1	13.3	1.22	68	0.3	0.01	<0.005	<0.05	0.5	<0.01	1.51	100.50	<0.5	<5	<0.5
40097860		<1	3.9	0.36	23	1.7	0.10	0.018	0.55	1.4	0.15	10.56	98.80	1.0	<5	1.1
40097861		<1	13.1	1.33	69	0.4	0.01	<0.005	<0.05	0.5	<0.01	1.35	101.82	<0.5	<5	0.6
40097862		<1	13.7	1.20	71	0.5	0.01	<0.005	<0.05	0.4	<0.01	1.34	98.15	<0.5	<5	<0.5

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001421

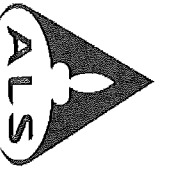
CERTIFICATE OF ANALYSIS TB14127465

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 Finalized Date: 14-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097075		56	121	10	<1	268	<2	16	81	0.002	0.0046	0.006				
40097825		44	68	10	<1	95	<2	24	72	<0.001	<0.005	<0.001				
40097826		57	106	10	<1	300	<2	14	95	0.002	0.0043	0.006				
40097827		58	114	20	<1	318	<2	14	85	0.002	0.0044	0.006				
40097828		56	106	20	<1	284	<2	14	80	0.002	0.0043	0.006				
40097829		55	114	10	<1	292	<2	12	82	0.002	0.0043	0.006				
40097830		147	570	<10	1	1970	57	10	208	0.019	0.0062	0.004				
40097831		58	112	10	<1	306	<2	13	83	0.002	0.0043	0.007				
40097832		58	117	10	<1	324	<2	14	93	0.002	0.0044	0.007				
40097833		66	115	20	<1	373	<2	16	96	0.002	0.0038	0.006				
40097834		68	113	20	<1	393	<2	14	96	0.002	0.0039	0.006				
40097835		69	108	20	<1	399	<2	13	90	0.002	0.0043	0.007				
40097836		65	111	20	<1	383	<2	13	96	0.002	0.0042	0.007				
40097837		61	104	20	<1	350	<2	13	85	0.002	0.0039	0.006				
40097838		64	118	30	<1	361	<2	16	92	0.002	0.0039	0.006				
40097839		64	113	30	<1	366	<2	15	89	0.002	0.0040	0.006				
40097840		64	111	30	<1	360	<2	15	89	0.002	0.0039	0.006				
40097841		60	98	30	<1	347	<2	12	80	0.002	0.0039	0.006				
40097842		61	111	40	<1	346	4	13	96	0.002	0.0042	0.007				
40097843		57	103	20	<1	321	<2	11	85	0.002	0.0045	0.009				
40097843 CRD		55	103	20	<1	312	<2	12	85	0.002	0.0044	0.007				
40097844		55	103	20	<1	305	<2	11	80	0.002	0.0042	0.007				
40097845		52	102	20	<1	287	<2	12	76	0.002	0.0036	0.006				
40097846		55	104	20	<1	309	<2	13	74	0.002	0.0041	0.007				
40097847		61	123	20	<1	364	<2	14	108	0.002	0.0045	0.007				
40097848		66	107	30	<1	414	<2	15	98	0.002	0.0042	0.007				
40097849		55	106	20	<1	311	2	13	92	0.002	0.0046	0.007				
40097850		41	45	<10	<1	44	4	27	85	<0.001	<0.0005	<0.001				
40097851		60	105	30	<1	358	<2	13	96	0.003	0.0043	0.007				
40097852		58	109	20	<1	341	<2	12	85	0.002	0.0044	0.007				
40097853		60	112	10	<1	363	<2	12	84	0.002	0.0044	0.007				
40097854		58	102	10	<1	349	<2	13	79	0.002	0.0042	0.007				
40097855		59	103	10	<1	353	<2	13	76	0.002	0.0043	0.007				
40097856		62	93	20	<1	377	<2	13	77	0.002	0.0046	0.007				
40097857		61	97	20	<1	381	<2	13	78	0.002	0.0046	0.008				
40097858		63	98	20	<1	400	<2	14	82	0.002	0.0044	0.007				
40097859		68	101	20	<1	439	<2	14	89	0.002	0.0044	0.007				
40097860		145	555	<10	1	1930	56	10	198	0.015	0.0066	0.004				
40097861		76	103	10	<1	501	<2	12	90	0.002	0.0043	0.007				
40097862		72	111	10	<1	464	<2	15	91	0.002	0.0046	0.007				

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



Minerals

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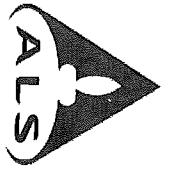
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03
40097075		
40097825		
40097826		
40097827		
40097828		
40097829		
40097830		
40097831		
40097832		
40097833		
40097834		
40097835		
40097836		
40097837		
40097838		
40097839		
40097840		
40097841		
40097842		
40097843		
40097843 CRD		
40097844		
40097845		
40097846		
40097847		
40097848		
40097849		
40097850		
40097851		
40097852		
40097853		
40097854		
40097855		
40097856		
40097857		
40097858		
40097859		
40097860		
40097861		
40097862		

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

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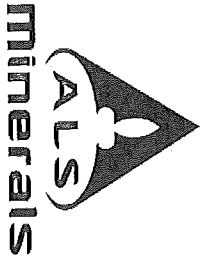
CERTIFICATE OF ANALYSIS TB14127465

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Sample Description	Method Analyte Units LOR	WEI-21	CRU-OC	PUL-OC	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
		Recvd Wt. kg	Pass2mm %	Pass75um %	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	Na2O %	MgO %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SiO %					
40097863		12.54	0.02	0.01	46.2	17.65	11.10	9.38	2.07	11.15	0.35	0.03	0.92	0.13	0.11	0.03					
40097863 CRD		<0.02			44.5	17.10	10.85	9.28	2.04	11.45	0.31	0.02	1.01	0.14	0.10	0.03					
40097864		12.38			46.0	18.85	9.93	10.15	2.21	10.00	0.22	0.03	0.96	0.13	0.10	0.04					
40097865		11.76			45.3	18.90	9.59	10.25	2.12	9.70	0.30	0.02	0.95	0.13	0.10	0.03					
40097866		12.03			45.7	19.00	9.76	10.00	2.13	9.87	0.21	0.02	0.91	0.13	0.10	0.03					
40097867		12.39			45.8	19.20	9.79	10.85	2.02	8.80	0.24	0.02	0.90	0.12	0.10	0.03					
40097868		11.78			47.3	19.95	9.81	10.60	2.23	8.67	0.29	0.02	0.95	0.12	0.10	0.04					
40097869		6.07			47.3	19.85	9.97	10.65	2.20	9.09	0.27	0.03	0.91	0.12	0.10	0.04					
40097870		5.64			46.9	19.90	9.94	10.60	2.21	8.95	0.28	0.02	0.93	0.12	0.11	0.04					
40097871		12.25	79.3	86.9	46.6	19.40	9.99	10.60	2.15	8.98	0.25	0.02	0.94	0.12	0.10	0.03					
40097872		12.44			47.1	19.10	10.90	10.30	2.13	10.15	0.25	0.02	0.91	0.13	0.11	0.03					
40097873		12.54			45.9	18.25	10.90	9.96	2.01	10.90	0.21	0.03	0.85	0.13	0.10	0.03					
40097874		12.09			45.8	17.15	11.90	9.39	1.88	12.85	0.21	0.03	0.87	0.14	0.09	0.03					
40097875		12.78			44.8	15.55	12.45	8.59	1.72	14.50	0.25	0.02	0.82	0.16	0.09	0.03					
40097876		11.40			45.3	18.55	10.10	10.20	1.85	10.35	0.33	0.03	0.83	0.12	0.10	0.03					
40097877		12.38			44.4	18.80	10.15	10.35	2.07	9.00	0.28	0.03	0.89	0.12	0.11	0.03					
40097878		12.65			46.7	19.50	10.15	10.60	2.12	9.75	0.25	0.03	0.91	0.12	0.10	0.03					
40097879		11.62			46.5	20.0	9.59	10.70	2.15	8.72	0.25	0.02	0.91	0.12	0.11	0.04					
40097880		0.25			50.7	15.10	10.20	10.15	2.53	7.26	0.69	0.01	0.92	0.15	0.10	0.04					
40097881		12.25			45.8	18.85	10.15	10.05	2.06	9.71	0.26	0.02	0.92	0.12	0.10	0.03					
40097882		13.03			46.0	19.35	9.87	10.55	2.05	9.36	0.25	0.02	0.87	0.12	0.10	0.03					
40097883		12.06			45.3	19.15	9.60	10.25	2.03	9.45	0.26	0.02	0.86	0.12	0.10	0.04					
40097883 CRD		<0.02			45.9	19.50	9.63	10.40	2.07	9.48	0.26	0.02	0.86	0.12	0.09	0.03					
40097884		12.37			45.4	18.30	10.45	9.92	1.96	10.85	0.25	0.03	0.86	0.13	0.09	0.03					
40097885		12.41			45.1	18.80	10.15	10.05	1.96	10.00	0.20	0.03	0.86	0.13	0.09	0.03					
40097886		12.37			45.5	19.50	9.54	10.50	2.05	8.78	0.25	0.02	0.93	0.12	0.10	0.03					
40097887		12.51			45.4	18.55	10.35	10.05	1.99	10.35	0.24	0.03	0.87	0.13	0.11	0.03					
40097888		12.97			45.6	18.70	10.25	10.10	1.94	10.60	0.24	0.03	0.87	0.13	0.10	0.03					
40097889		12.97			44.9	18.90	9.72	10.10	1.96	9.76	0.32	0.03	0.83	0.12	0.09	0.03					
40097890		0.16			37.0	3.16	14.10	2.07	0.23	32.8	0.18	0.61	0.27	0.17	0.04	<0.01					
40097891		12.74			44.2	19.55	9.83	10.50	2.12	10.20	0.37	0.03	0.87	0.12	0.11	0.03					
40097892		12.16			45.1	18.75	9.93	10.00	2.02	10.05	0.25	0.03	0.91	0.13	0.10	0.03					
40097893		12.79			44.1	18.35	10.65	9.94	2.05	11.90	0.36	0.04	0.85	0.13	0.10	0.03					
40097894		12.72			46.4	18.75	10.25	10.10	2.09	10.95	0.39	0.04	0.91	0.13	0.11	0.04					
40097895		12.74			46.2	18.55	10.40	10.05	2.06	11.10	0.34	0.04	0.91	0.13	0.11	0.04					
40097896		12.38			45.0	18.20	10.20	9.70	1.94	10.80	0.33	0.04	0.91	0.13	0.10	0.03					
40097897		12.78			43.9	18.85	10.45	10.10	1.93	11.15	0.41	0.04	0.89	0.12	0.10	0.03					
40097898		12.89			44.8	19.30	10.35	10.45	2.06	11.20	0.36	0.03	0.84	0.12	0.09	0.03					
40097899		5.38			44.6	19.15	9.74	10.25	1.97	10.20	0.36	0.03	0.87	0.12	0.11	0.04					
40097900		5.99			46.1	19.35	10.15	10.20	1.99	10.50	0.36	0.03	0.90	0.13	0.09	0.04					

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

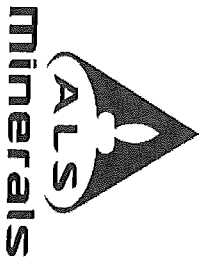
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 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

Project: EB80001421
CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097863	0.01	0.01	0.01	0.04	121.5	18.1	170	1.60	2.24	1.51	1.03	17.3	2.68	1.8	0.52	8.1
40097863 CRD	0.01	0.01	0.01	0.04	123.0	18.9	180	1.58	2.59	1.39	0.98	17.5	2.81	2.0	0.54	8.5
40097864	0.01	0.01	0.01	0.03	109.5	19.3	170	1.78	2.64	1.30	0.85	18.4	2.46	1.8	0.50	8.6
40097865	0.01	0.01	0.02	0.05	100.0	18.4	160	2.48	2.33	1.42	0.87	18.1	2.21	1.8	0.46	8.4
40097866	0.01	0.01	0.03	0.07	100.5	17.4	180	2.63	2.43	1.27	1.06	18.4	2.23	1.8	0.51	7.7
40097867	0.01	0.01	0.03	0.05	112.5	17.8	170	2.68	2.76	1.33	1.03	18.7	2.86	2.1	0.51	7.9
40097868	0.01	0.01	0.01	0.04	113.0	18.9	170	1.90	2.31	1.39	0.98	19.6	2.85	2.0	0.51	8.3
40097869	0.01	0.01	0.01	0.04	107.0	17.3	190	1.92	2.58	1.29	1.02	19.3	2.80	2.0	0.57	7.8
40097870	0.01	0.01	0.01	0.04	113.5	18.0	180	1.93	2.50	1.34	1.07	19.3	2.63	1.8	0.54	8.1
40097871	0.01	0.01	0.01	0.03	111.5	20.0	180	2.20	2.63	1.51	0.95	19.0	2.84	2.0	0.48	9.0
40097872	0.01	<0.01	0.01	0.03	104.5	19.6	160	1.79	2.53	1.43	0.95	18.1	2.64	1.7	0.46	9.2
40097873	0.01	<0.01	0.01	0.03	104.0	16.7	190	1.76	2.24	1.37	0.93	18.1	2.40	1.9	0.47	7.3
40097874	0.01	0.01	0.01	0.03	99.5	17.4	190	1.63	2.39	1.29	0.83	17.1	2.36	1.6	0.45	7.8
40097875	0.01	0.01	0.01	0.03	106.5	17.3	190	1.50	2.50	1.50	0.86	16.6	2.50	1.7	0.53	7.8
40097876	0.01	0.02	0.02	0.04	100.0	17.1	220	2.21	2.28	1.34	0.91	17.8	2.27	1.9	0.45	7.4
40097877	0.01	0.01	0.01	0.02	115.0	19.2	180	1.67	2.56	1.43	0.89	18.4	2.63	1.7	0.51	8.9
40097878	0.01	0.01	0.01	0.03	106.0	17.8	200	1.75	2.55	1.46	1.01	18.4	2.86	2.0	0.54	7.8
40097879	0.01	0.01	0.01	0.03	110.5	18.8	180	2.98	2.66	1.52	0.97	18.7	2.72	1.8	0.56	8.4
40097880	0.03	0.01	0.10	0.10	27.4	27.8	40	0.59	2.98	1.55	1.08	19.5	3.22	2.3	0.54	13.2
40097881	0.01	0.01	0.01	0.03	111.5	19.1	190	1.45	2.51	1.45	1.12	19.2	2.79	2.1	0.53	8.3
40097882	0.01	0.01	0.01	0.03	109.5	19.1	200	1.57	2.55	1.46	1.06	19.1	2.61	1.8	0.52	8.3
40097883	0.01	0.01	0.01	0.03	107.5	17.5	200	1.80	2.56	1.35	0.93	18.8	2.44	1.6	0.50	7.6
40097883 CRD	0.01	<0.01	0.03	0.03	105.5	17.4	200	1.76	2.50	1.35	0.97	19.2	2.63	1.8	0.49	7.6
40097884	0.01	0.01	0.01	0.03	107.5	17.3	220	1.42	2.36	1.16	0.97	17.6	2.47	1.9	0.45	7.6
40097885	0.01	0.01	0.01	0.03	105.5	18.4	210	1.92	2.56	1.34	0.99	18.7	2.51	2.0	0.52	8.5
40097886	0.01	0.01	0.01	0.05	108.0	18.5	190	1.87	2.45	1.59	0.93	18.5	2.82	1.9	0.56	8.2
40097887	0.01	0.01	0.01	0.03	105.0	17.6	220	1.48	2.22	1.27	0.98	17.7	2.56	1.9	0.49	7.8
40097888	0.01	0.01	0.01	0.03	103.5	17.1	230	1.33	2.13	1.31	0.92	17.8	2.66	1.9	0.50	7.5
40097889	0.01	0.01	0.01	0.04	122.5	19.0	220	1.58	2.59	1.29	0.98	18.7	2.45	1.9	0.50	8.4
40097890	0.09	0.22	0.37	0.37	76.1	6.3	4090	0.26	0.82	0.42	0.22	5.1	0.87	0.5	0.16	3.1
40097891	0.01	0.01	0.01	0.03	124.0	17.7	200	1.68	2.54	1.41	0.90	17.1	2.70	1.8	0.51	8.1
40097892	0.01	0.01	0.01	0.03	103.5	16.6	200	1.61	2.41	1.34	0.88	16.4	2.46	1.6	0.49	7.6
40097893	0.01	0.01	0.01	0.04	110.0	17.2	280	1.64	2.28	1.31	0.84	15.8	2.62	1.7	0.49	7.9
40097894	0.01	0.01	0.01	0.03	117.5	18.2	300	1.70	2.62	1.45	0.96	17.5	2.81	1.8	0.54	8.2
40097895	0.01	0.01	0.01	0.03	110.5	17.4	320	1.78	2.61	1.42	0.90	17.2	2.71	1.7	0.52	8.0
40097896	0.02	0.02	0.04	0.04	132.5	15.9	270	1.95	2.37	1.36	0.83	14.7	2.40	1.6	0.47	7.2
40097897	0.02	0.01	0.03	0.03	212	16.9	240	2.06	2.46	1.44	0.83	16.5	2.53	1.6	0.50	7.6
40097898	0.01	0.01	0.01	0.03	119.0	17.4	240	1.66	2.51	1.49	0.89	16.8	2.65	1.8	0.51	8.1
40097899	0.01	0.01	0.04	0.04	116.5	17.1	190	1.76	2.48	1.34	0.88	16.9	2.53	1.6	0.49	7.8
40097900	0.01	0.01	0.03	0.03	122.5	17.6	190	1.87	2.49	1.37	0.92	17.1	2.67	1.8	0.51	8.0

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



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TO: RIO TINTO EXPLORATION CANADA INC.
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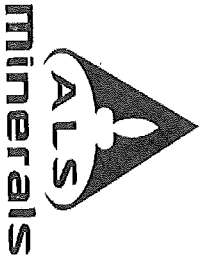
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097863		0.17	5.3	10.3	2.40	10.0	2.70	2	274	0.3	0.41	0.73	<0.5	0.21	0.17	125
40097863 CRD		0.19	5.2	10.6	2.58	10.0	2.65	1	279	0.3	0.40	0.77	<0.5	0.18	0.17	124
40097864		0.18	4.9	10.0	2.52	6.0	2.49	1	279	0.4	0.44	0.95	<0.5	0.23	0.18	109
40097865		0.17	4.7	10.1	2.39	5.9	2.21	1	267	0.3	0.42	0.76	<0.5	0.16	0.14	104
40097866		0.17	5.0	10.1	2.21	5.2	2.27	1	269	0.3	0.35	0.65	<0.5	0.20	0.14	115
40097867		0.18	5.5	9.9	2.43	5.5	2.66	1	266	0.3	0.44	0.78	<0.5	0.16	0.17	125
40097868		0.17	5.3	10.7	2.41	5.8	2.31	1	298	0.3	0.42	0.69	<0.5	0.16	0.18	125
40097869		0.21	5.0	9.9	2.26	5.3	2.34	1	292	0.3	0.42	0.68	<0.5	0.17	0.18	123
40097870		0.16	5.2	10.0	2.35	5.4	2.38	1	294	0.3	0.41	0.72	<0.5	0.20	0.13	121
40097871		0.17	5.3	10.9	2.58	5.8	2.42	1	280	0.4	0.41	0.90	<0.5	0.23	0.26	115
40097872		0.18	5.1	9.8	2.60	5.2	2.44	1	267	0.4	0.44	1.33	<0.5	0.21	0.21	105
40097873		0.14	5.0	9.3	2.19	5.1	2.27	1	277	0.3	0.44	0.73	<0.5	0.15	0.14	118
40097874		0.15	4.9	9.1	2.30	5.0	2.08	1	255	0.4	0.41	0.78	<0.5	0.17	0.17	105
40097875		0.19	4.9	9.9	2.23	6.9	2.25	3	257	0.2	0.38	0.71	<0.5	0.18	0.14	113
40097876		0.15	4.9	9.6	2.10	5.7	2.17	1	263	0.2	0.35	0.68	<0.5	0.16	0.14	113
40097877		0.20	5.2	10.6	2.55	7.3	2.68	1	285	0.4	0.45	0.85	<0.5	0.22	0.19	107
40097878		0.18	4.9	10.3	2.42	5.2	2.61	1	291	0.3	0.48	0.71	<0.5	0.17	0.18	118
40097879		0.17	5.3	10.9	2.38	5.9	2.79	1	307	0.3	0.43	0.82	<0.5	0.19	0.18	121
40097880		0.19	5.9	13.9	3.31	16.3	3.33	1	352	0.3	0.46	2.48	<0.5	0.22	0.43	244
40097881		0.18	5.4	10.1	2.47	6.9	2.47	1	286	0.3	0.42	0.73	<0.5	0.20	0.16	127
40097882		0.18	5.2	10.4	2.48	6.2	2.51	1	294	0.3	0.45	0.70	<0.5	0.20	0.15	120
40097883		0.17	4.7	9.8	2.28	7.4	2.24	1	296	0.3	0.40	0.64	<0.5	0.20	0.11	117
40097883 CRD		0.18	5.0	9.6	2.34	6.1	2.22	1	298	0.3	0.40	0.63	<0.5	0.17	0.15	118
40097884		0.17	4.7	9.2	2.21	5.4	2.63	1	285	0.3	0.38	0.72	<0.5	0.20	0.16	121
40097885		0.18	5.1	10.4	2.47	5.7	2.53	1	287	0.3	0.44	0.62	<0.5	0.22	0.15	121
40097886		0.19	5.2	10.2	2.48	6.0	2.72	1	286	0.3	0.43	0.76	<0.5	0.23	0.15	123
40097887		0.19	4.9	9.7	2.32	5.3	2.31	1	285	0.3	0.41	0.71	<0.5	0.18	0.15	120
40097888		0.16	4.6	9.5	2.23	5.3	2.39	1	285	0.3	0.39	0.66	<0.5	0.18	0.13	118
40097889		0.20	5.0	10.0	2.50	9.7	2.38	1	303	0.3	0.37	0.75	<0.5	0.20	0.18	113
40097890		0.05	1.1	3.4	0.75	4.2	0.81	<1	49.8	0.1	0.11	0.56	<0.5	0.05	0.10	16
40097891		0.17	4.7	10.2	2.38	8.4	2.40	<1	294	0.3	0.40	0.78	<0.5	0.18	0.17	111
40097892		0.18	4.6	9.6	2.15	5.9	2.37	<1	280	0.3	0.38	0.68	<0.5	0.17	0.14	110
40097893		0.16	4.9	9.7	2.25	10.6	2.40	<1	282	0.3	0.40	0.86	<0.5	0.17	0.14	117
40097894		0.18	5.1	10.5	2.35	11.5	2.57	<1	301	0.3	0.38	0.82	<0.5	0.20	0.16	121
40097895		0.18	4.8	9.9	2.28	10.6	2.42	<1	299	0.3	0.41	0.73	<0.5	0.19	0.19	123
40097896		0.15	4.4	9.2	2.11	8.5	2.26	<1	270	0.3	0.37	0.72	<0.5	0.18	0.14	112
40097897		0.17	4.7	9.6	2.22	11.6	2.36	<1	317	0.3	0.37	0.70	<0.5	0.17	0.14	112
40097898		0.17	4.7	10.2	2.30	10.9	2.34	<1	301	0.3	0.38	0.79	<0.5	0.19	0.18	116
40097899		0.16	4.7	9.7	2.16	10.6	2.29	<1	295	0.3	0.39	0.69	<0.5	0.16	0.15	108
40097900		0.17	4.9	10.2	2.29	10.9	2.38	<1	307	0.3	0.39	0.71	<0.5	0.18	0.15	115

Comments: **Corrected copy for S-R08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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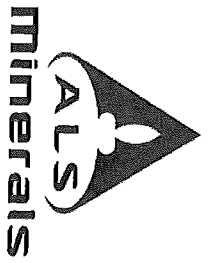
Page: 3 - D
 Total # Pages: 6 (A - F)
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 Finalized Date: 14-SEP-2014
 Account: KAV

Project: EB80001421
CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097863	<1	13.3	13.3	1.30	73	0.3	0.01	<0.005	<0.05	0.3	<0.01	1.30	100.43	<0.5	<5	<0.5
40097863 CRD	<1	13.6	13.6	1.13	76	0.3	0.01	<0.005	<0.05	0.5	0.01	1.32	98.16	<0.5	<5	<0.5
40097864	8	13.6	13.6	1.36	76	0.1	0.01	<0.005	<0.05	0.4	0.01	0.96	99.59	<0.5	<5	<0.5
40097865	1	12.6	12.6	1.16	63	0.3	0.01	<0.005	0.06	0.4	0.01	2.25	99.65	<0.5	<5	<0.5
40097866	2	12.5	12.5	1.15	70	0.7	0.01	<0.005	0.10	0.6	0.01	1.97	99.84	<0.5	<5	<0.5
40097867	<1	13.2	13.2	1.37	80	1.2	0.01	<0.005	<0.05	0.4	0.01	2.58	100.46	<0.5	<5	<0.5
40097868	<1	13.8	13.8	1.17	77	0.1	0.01	<0.005	<0.05	0.4	0.01	1.06	101.15	<0.5	<5	<0.5
40097869	<1	13.4	13.4	1.24	76	0.2	<0.01	<0.005	<0.05	0.4	<0.01	0.86	101.40	<0.5	<5	<0.5
40097870	<1	13.3	13.3	1.35	74	0.3	<0.01	<0.005	<0.05	0.5	0.01	0.82	100.83	<0.5	<5	<0.5
40097871	3	13.4	13.4	1.45	78	0.2	0.01	<0.005	<0.05	0.5	0.01	1.09	100.28	<0.5	<5	<0.5
40097872	1	12.9	12.9	1.20	67	0.1	<0.01	<0.005	<0.05	0.3	<0.01	0.63	101.77	<0.5	<5	<0.5
40097873	2	12.5	12.5	1.17	68	0.1	0.01	<0.005	<0.05	0.6	<0.01	0.95	100.23	<0.5	<5	<0.5
40097874	1	12.1	12.1	1.27	59	<0.1	<0.01	0.10	<0.05	0.4	<0.01	0.75	101.10	<0.5	<5	0.5
40097875	<1	12.7	12.7	1.16	70	0.1	<0.01	<0.005	<0.05	0.3	<0.01	1.09	100.07	<0.5	<5	<0.5
40097876	<1	12.2	12.2	1.14	72	0.3	<0.01	<0.005	<0.05	0.3	<0.01	3.19	100.99	<0.5	<5	<0.5
40097877	4	13.3	13.3	1.21	68	0.2	<0.01	<0.005	<0.05	0.3	<0.01	1.15	98.39	<0.5	<5	<0.5
40097878	<1	13.1	13.1	1.21	80	0.1	<0.01	<0.005	<0.05	0.4	<0.01	1.00	101.28	<0.5	<5	<0.5
40097879	<1	14.0	14.0	1.27	69	0.2	<0.01	0.006	<0.05	0.3	<0.01	2.08	101.20	<0.5	<5	<0.5
40097880	<1	15.5	15.5	1.43	90	0.6	0.01	<0.005	<0.05	0.5	0.01	1.09	98.97	<0.5	<5	<0.5
40097881	1	14.2	14.2	1.29	90	0.3	0.01	0.006	<0.05	0.4	0.01	0.74	98.82	<0.5	<5	<0.5
40097882	<1	13.3	13.3	1.34	73	0.1	<0.01	<0.005	<0.05	0.3	<0.01	1.10	99.69	<0.5	<5	<0.5
40097883	<1	13.0	13.0	1.25	70	0.2	<0.01	0.005	<0.05	0.4	<0.01	1.06	98.24	<0.5	<5	<0.5
40097883 CRD	<1	13.1	13.1	1.05	70	0.1	<0.01	<0.005	<0.05	0.4	<0.01	1.13	99.50	<0.5	<5	<0.5
40097884	<1	12.9	12.9	1.15	75	<0.1	0.01	0.005	<0.05	0.3	<0.01	0.81	99.09	<0.5	<5	<0.5
40097885	<1	13.4	13.4	1.38	70	0.3	0.01	<0.005	<0.05	0.4	<0.01	1.38	98.70	<0.5	<5	<0.5
40097886	2	13.7	13.7	1.12	77	0.1	<0.01	<0.005	<0.05	0.7	<0.01	1.50	98.83	<0.5	<5	0.6
40097887	1	13.0	13.0	1.04	72	0.2	<0.01	<0.005	<0.05	0.4	<0.01	0.74	98.84	<0.5	<5	<0.5
40097888	6	12.5	12.5	1.12	69	0.2	0.01	<0.005	<0.05	0.3	0.01	0.92	99.46	<0.5	<5	<0.5
40097889	<1	13.4	13.4	1.38	74	0.2	0.01	0.006	<0.05	0.3	<0.01	1.11	97.88	<0.5	<5	<0.5
40097890	<1	4.1	4.1	0.37	21	1.8	0.09	0.024	0.53	1.6	0.15	10.65	101.37	1.2	<5	0.7
40097891	4	13.0	13.0	1.20	73	0.3	<0.01	<0.005	<0.05	0.5	0.01	1.20	99.14	<0.5	<5	<0.5
40097892	1	12.1	12.1	1.20	64	0.3	0.01	<0.005	<0.05	0.4	<0.01	1.02	98.33	<0.5	<5	<0.5
40097893	<1	12.1	12.1	1.15	65	<0.1	<0.01	<0.005	<0.05	0.3	<0.01	1.25	99.76	<0.5	<5	<0.5
40097894	2	13.1	13.1	1.31	72	0.1	<0.01	<0.005	<0.05	0.5	<0.01	1.17	101.34	<0.5	<5	<0.5
40097895	<1	12.9	12.9	1.29	68	0.3	<0.01	<0.005	<0.05	0.4	0.01	1.04	100.96	<0.5	<5	<0.5
40097896	<1	11.5	11.5	1.15	65	0.4	0.01	0.005	<0.05	0.4	0.01	1.63	99.02	<0.5	<5	<0.5
40097897	1	12.4	12.4	1.21	66	0.2	0.01	0.007	<0.05	0.3	<0.01	1.96	99.96	<0.5	<5	<0.5
40097898	1	13.1	13.1	1.26	68	0.2	0.01	<0.005	<0.05	0.3	<0.01	0.78	100.42	<0.5	<5	<0.5
40097899	<1	12.0	12.0	1.20	64	0.4	0.01	0.009	<0.05	0.4	<0.01	1.42	98.87	<0.5	<5	<0.5
40097900	<1	12.6	12.6	1.21	74	0.1	0.01	0.008	<0.05	0.4	<0.01	1.37	101.22	<0.5	<5	<0.5

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001421

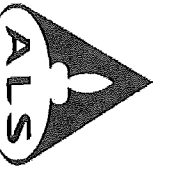
CERTIFICATE OF ANALYSIS TB14127465

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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097863		66	100	10	<1	427	<2	14	81	0.002	0.0044	0.007				
40097863 CRD		69	101	10	<1	442	<2	13	84	0.002	0.0044	0.007				
40097864		58	96	10	<1	370	<2	14	75	0.002	0.0043	0.007				
40097865		57	94	10	<1	372	<2	12	72	0.002	0.0041	0.007				
40097866		58	76	10	<1	382	2	12	74	0.001	0.0044	0.008				
40097867		56	84	10	<1	337	<2	13	76	0.002	0.0046	0.009				
40097868		54	101	10	<1	320	<2	13	72	0.002	0.0043	0.009				
40097869		103	100	10	<1	353	<2	12	75	0.002	0.0043	0.009				
40097870		57	100	10	<1	350	<2	12	76	0.002	0.0041	0.009				
40097871		59	105	10	<1	360	<2	11	78	0.002	0.0043	0.008				
40097872		59	100	<10	<1	377	<2	14	76	0.002	0.0052	0.010				
40097873		65	101	10	<1	436	<2	12	79	0.002	0.0061	0.010				
40097874		73	100	<10	<1	524	<2	12	83	0.002	0.0051	0.009				
40097875		81	92	10	<1	595	<2	10	83	0.002	0.0043	0.007				
40097876		60	87	10	<1	423	<2	11	88	0.001	0.0039	0.006				
40097877		58	93	10	<1	385	<2	12	71	0.003	0.0044	0.007				
40097878		55	93	10	<1	366	<2	12	69	0.002	0.0044	0.008				
40097879		53	85	10	<1	339	<2	12	71	0.002	0.0041	0.008				
40097880		42	55	<10	<1	64	<2	25	71	<0.001	<0.0005	<0.001				
40097881		55	108	10	<1	383	3	11	78	0.005	0.0045	0.009				
40097882		53	93	10	<1	360	2	13	76	0.003	0.0052	0.010				
40097883		53	87	10	<1	380	<2	10	67	0.002	0.0045	0.010				
40097883 CRD		54	92	10	<1	370	<2	11	67	0.002	0.0042	0.010				
40097884		61	97	10	<1	450	<2	12	76	0.002	0.0047	0.010				
40097885		58	94	10	<1	407	2	12	78	0.002	0.0048	0.010				
40097886		53	100	10	<1	355	<2	12	256	0.002	0.0049	0.009				
40097887		57	99	10	<1	421	376	12	72	0.003	0.0049	0.009				
40097888		60	94	10	<1	447	2	11	80	0.002	0.0044	0.011				
40097889		57	100	10	<1	407	<2	12	74	0.002	0.0043	0.012				
40097890		139	559	<10	1	1880	55	10	200	0.018	0.0059	0.004				
40097891		54	97	10	<1	388	<2	11	71	0.002	0.0045	0.013				
40097892		58	98	10	<1	410	2	13	75	0.002	0.0048	0.014				
40097893		61	100	10	<1	472	<2	12	77	0.002	0.0046	0.013				
40097894		59	97	10	<1	439	<2	11	74	0.002	0.0042	0.011				
40097895		61	103	10	<1	459	<2	11	78	0.002	0.0041	0.009				
40097896		61	99	20	<1	453	<2	13	76	0.002	0.0038	0.007				
40097897		59	92	30	<1	434	<2	11	91	0.002	0.0038	0.007				
40097898		59	97	10	<1	445	<2	11	80	0.002	0.0040	0.007				
40097899		57	91	10	<1	425	<2	11	84	0.002	0.0040	0.006				
40097900		60	98	20	<1	446	<2	10	89	0.002	0.0040	0.007				

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



ALS Minerals

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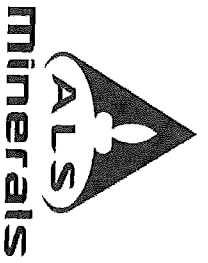
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03
40097863		
40097863 CRD		
40097864		
40097865		
40097866		
40097867		
40097868		
40097869		
40097870		
40097871		
40097872		
40097873		
40097874		
40097875		
40097876		
40097877		
40097878		
40097879		
40097880		
40097881		
40097882		
40097883		
40097883 CRD		
40097884		
40097885		
40097886		
40097887		
40097888		
40097889		
40097890		
40097891		
40097892		
40097893		
40097894		
40097895		
40097896		
40097897		
40097898		
40097899		
40097900		

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



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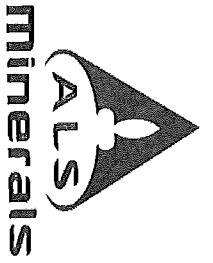
Project: EB80001421
CERTIFICATE OF ANALYSIS
TB14127465

Page: 4 - A
 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEL-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICR06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40097901		12.58	0.02	0.01	45.4	19.30	9.77	10.20	1.99	10.00	0.33	0.03	0.87	0.14	0.10	0.04
40097902		12.52			45.0	18.20	10.70	9.83	1.87	11.60	0.32	0.03	0.81	0.14	0.07	0.03
40097903		12.53			44.4	15.45	12.40	8.58	1.64	15.45	0.28	0.03	0.78	0.15	0.09	0.03
40097903 CRD		<0.02			41.4	14.55	12.90	7.88	1.49	16.30	0.21	0.03	0.78	0.15	0.08	0.03
40097904		12.74			45.7	17.90	10.90	9.70	1.84	12.65	0.34	0.03	0.85	0.14	0.10	0.03
40097905		12.29			41.6	15.30	11.25	8.29	1.33	13.20	0.39	0.03	0.85	0.14	0.10	0.03
40097906		12.46			43.4	15.25	12.05	8.28	1.58	14.45	0.37	0.03	0.88	0.15	0.11	0.03
40097907		12.69			46.1	18.45	10.35	10.00	2.02	10.65	0.43	0.03	1.00	0.14	0.12	0.04
40097908		12.25			45.4	17.80	10.80	9.71	2.00	10.90	0.37	0.04	1.01	0.14	0.12	0.03
40097909		12.11			44.5	17.50	10.40	9.60	1.81	10.45	0.54	0.04	0.98	0.15	0.12	0.04
40097910		0.37			49.8	15.15	9.98	10.10	2.59	7.62	0.66	0.02	0.90	0.14	0.10	0.04
40097911		12.51			46.5	18.90	10.35	10.05	2.03	9.93	0.42	0.05	1.04	0.14	0.12	0.04
40097912		12.70			44.1	19.55	9.68	10.65	2.16	8.61	0.45	0.06	1.03	0.12	0.12	0.03
40097913		12.23			46.3	20.1	9.13	10.65	2.22	7.32	0.55	0.06	1.03	0.12	0.12	0.04
40097914		10.29			46.0	19.60	9.76	10.20	2.29	8.03	0.45	0.05	1.00	0.13	0.11	0.04
40097915		13.22			42.0	15.30	14.45	8.58	2.07	11.65	0.40	0.57	1.09	0.19	0.18	0.03
40097916		12.06			45.7	15.30	12.50	8.61	1.86	14.30	0.50	0.08	1.05	0.16	0.12	0.03
40097917		11.57			46.4	19.20	10.55	10.25	2.25	7.53	0.55	0.13	1.33	0.13	0.13	0.04
40097918		11.69			45.5	19.80	10.30	10.25	2.20	7.59	0.70	0.50	1.17	0.13	0.13	0.04
40097919		11.90	82.7	87.3	43.8	19.15	10.95	9.65	1.97	8.30	0.69	0.78	1.20	0.14	0.11	0.04
40097920		0.16			36.3	3.12	13.85	2.06	0.23	32.1	0.15	0.63	0.28	0.17	0.02	<0.01
40097921		11.19			43.2	18.95	10.30	9.91	1.87	9.60	0.48	0.09	0.92	0.12	0.11	0.04
40097922		7.46			45.1	18.40	10.20	10.10	1.96	8.04	0.56	0.04	1.18	0.13	0.13	0.03
40097923		5.77			44.9	19.65	10.40	10.00	2.06	8.40	0.68	0.49	1.08	0.12	0.12	0.04
40097923 CRD		<0.02			45.8	20.1	10.25	10.55	2.13	8.35	0.66	0.49	1.09	0.12	0.12	0.04
40097924		5.80			43.4	17.95	12.20	9.73	1.82	9.98	0.54	1.05	1.21	0.15	0.12	0.03
40097925		5.97			43.2	19.05	11.95	9.33	1.89	10.30	0.46	1.37	1.09	0.14	0.14	0.03
40097926		5.90			40.9	16.30	12.60	8.45	1.53	12.30	0.31	1.24	1.21	0.15	0.12	0.03
40097927		5.57			45.1	18.10	11.20	9.58	2.24	9.70	0.47	0.82	1.25	0.14	0.22	0.03
40097928		6.37			43.9	18.25	12.20	10.10	1.94	9.91	0.38	1.04	1.34	0.14	0.13	0.03
40097929		2.65			41.2	19.00	12.30	9.42	1.59	11.40	0.25	2.07	0.98	0.15	0.08	0.03
40097930		2.93			41.8	18.45	13.35	9.42	1.62	11.30	0.22	1.99	1.15	0.16	0.10	0.03
40097931		5.55			41.3	17.85	14.30	8.67	1.87	11.00	0.36	2.69	1.38	0.17	0.15	0.03
40097932		6.41			42.9	18.60	12.85	9.46	2.09	9.11	0.36	1.71	1.46	0.16	0.19	0.03
40097933		6.42			40.5	19.30	12.75	9.26	1.82	9.39	0.37	2.27	1.23	0.15	0.12	0.03
40097934		6.17			45.2	19.65	9.47	10.65	1.97	8.93	0.50	0.14	0.95	0.12	0.13	0.04
40097935		6.37			38.6	18.55	14.00	8.74	1.68	9.77	0.35	3.11	1.26	0.15	0.11	0.04
40097936		6.56			42.7	18.15	12.90	9.55	1.99	9.00	0.42	1.46	1.38	0.15	0.14	0.03
40097937		6.68			44.4	18.90	11.00	10.00	1.98	8.82	0.33	0.41	1.12	0.14	0.15	0.04
40097938		6.29			38.7	19.05	15.30	8.43	1.82	9.85	0.33	3.91	1.46	0.16	0.10	0.03

Comments: **Corrected copy for S-JR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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To: RIO TINTO EXPLORATION CANADA INC.
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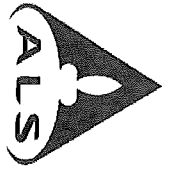
Page: 4 - B
 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

Project: EB80001421
CERTIFICATE OF ANALYSIS TR14127465

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097901	0.01	0.01	0.01	0.03	123.0	18.2	200	1.84	2.50	1.40	0.94	17.3	2.68	1.8	0.52	8.3
40097902	0.01	0.01	0.01	0.03	99.9	15.3	210	1.52	2.26	1.18	0.84	15.4	2.29	1.5	0.45	6.9
40097903	0.01	0.01	0.01	0.03	83.4	15.1	220	2.13	2.26	1.31	0.75	14.2	2.28	1.5	0.44	6.9
40097903 CRD	0.01	0.01	0.02	0.05	88.6	14.6	200	2.63	2.16	1.20	0.76	13.5	2.11	1.5	0.44	6.8
40097904	0.01	0.01	0.01	0.03	122.0	16.4	210	1.97	2.28	1.24	0.84	16.3	2.54	1.5	0.48	7.3
40097905	0.02	0.03	0.04	0.04	192.5	15.3	170	3.22	2.07	1.16	0.66	13.2	2.22	1.5	0.43	6.9
40097906	0.02	0.02	0.03	0.03	139.5	16.8	180	2.70	2.37	1.31	0.85	13.8	2.48	1.7	0.48	7.7
40097907	0.02	0.01	0.04	0.04	144.0	19.8	210	1.88	2.88	1.56	0.95	16.4	3.21	1.9	0.58	8.9
40097908	0.03	0.01	0.05	0.05	129.0	19.8	230	1.89	2.68	1.53	0.95	16.6	2.88	2.0	0.58	9.0
40097909	0.03	0.04	0.04	0.04	292	19.3	230	2.61	2.66	1.58	0.94	16.4	2.70	1.9	0.58	8.8
40097910	0.03	0.11	0.06	0.06	264	26.6	100	0.74	2.98	1.52	0.99	17.1	3.23	2.2	0.61	13.1
40097911	0.03	0.02	0.03	0.03	239	20.6	330	2.56	2.98	1.70	1.04	17.1	3.11	2.1	0.60	9.5
40097912	0.02	0.01	0.01	0.04	186.5	21.2	410	2.69	3.03	1.64	1.05	17.9	3.01	2.0	0.61	9.8
40097913	0.04	0.04	0.04	0.04	392	20.8	410	2.75	2.96	1.71	1.05	18.2	3.09	2.1	0.61	9.4
40097914	0.02	0.01	0.06	0.06	145.5	19.5	340	2.32	2.72	1.44	1.00	17.4	2.88	2.1	0.55	8.9
40097915	0.02	0.01	0.06	0.06	139.0	25.4	3830	2.28	3.95	2.08	1.03	17.8	3.87	3.1	0.75	11.1
40097916	0.02	0.01	0.03	0.03	145.5	20.3	520	2.63	2.96	1.75	0.98	16.4	3.21	2.1	0.62	9.2
40097917	0.02	0.02	0.05	0.05	184.0	25.3	850	2.86	3.68	2.04	1.15	18.8	3.91	2.4	0.75	11.4
40097918	0.02	0.02	0.05	0.05	214	22.1	3430	2.96	3.15	1.85	1.08	20.0	3.31	2.1	0.61	10.0
40097919	0.04	0.03	0.04	0.04	324	20.6	5310	3.45	2.85	1.57	1.01	20.2	3.02	1.9	0.60	9.4
40097920	0.08	0.21	0.38	0.38	711	6.2	4150	0.20	0.73	0.45	0.19	4.7	0.80	0.5	0.16	3.0
40097921	0.03	0.04	0.03	0.03	251	20.1	610	4.28	2.76	1.42	0.98	17.1	2.76	1.8	0.55	9.0
40097922	0.03	0.04	0.05	0.05	331	23.1	330	3.86	3.35	1.88	1.06	19.5	3.56	2.3	0.67	10.5
40097923	0.02	0.02	0.11	0.11	196.0	20.1	3380	2.67	2.88	1.58	0.99	19.8	2.93	1.9	0.57	9.2
40097923 CRD	0.02	0.02	0.09	0.09	198.0	19.3	3420	2.67	2.82	1.42	1.01	20.4	2.83	1.9	0.61	8.9
40097924	0.03	0.03	0.15	0.15	213	18.9	7110	3.07	2.60	1.46	0.90	20.0	2.73	1.9	0.54	8.6
40097925	0.02	0.02	0.21	0.21	144.5	22.4	9490	3.29	2.84	1.54	0.98	22.5	2.74	2.3	0.58	10.3
40097926	0.01	0.03	0.09	0.09	121.0	21.7	9200	3.20	3.04	1.67	1.00	20.6	3.09	2.3	0.65	9.8
40097927	0.02	0.02	0.20	0.20	164.0	34.5	5630	2.91	4.93	2.81	1.40	22.7	5.08	3.3	0.66	15.5
40097928	0.01	0.02	0.22	0.22	112.5	23.2	7050	2.62	3.39	1.74	1.13	20.9	3.52	2.3	0.68	10.8
40097929	0.01	0.02	0.13	0.13	107.5	12.6	>10000	2.84	1.83	1.02	0.77	23.0	1.91	1.3	0.40	5.8
40097930	0.01	0.03	0.27	0.27	107.5	14.9	>10000	3.46	2.16	1.16	0.82	23.1	2.28	1.6	0.45	7.1
40097931	0.02	0.02	0.37	0.37	147.5	25.6	>10000	2.93	3.65	1.98	1.11	27.5	3.76	2.6	0.76	11.8
40097932	0.02	0.02	0.29	0.29	159.0	29.8	>10000	2.80	3.91	2.28	1.27	25.5	4.26	3.4	0.89	13.8
40097933	0.02	0.03	0.34	0.34	143.0	21.7	>10000	2.72	2.91	1.54	1.08	27.4	2.98	2.0	0.64	10.3
40097934	0.02	0.03	0.04	0.04	125.0	19.1	1010	2.93	2.76	1.64	0.99	19.3	2.88	2.2	0.56	8.7
40097935	0.01	0.03	0.44	0.44	118.0	17.5	>10000	3.06	2.69	1.31	0.99	28.1	2.55	1.8	0.51	8.0
40097936	0.02	0.03	0.37	0.37	160.0	21.9	10000	3.01	3.06	1.84	1.14	23.2	3.56	2.4	0.70	10.2
40097937	0.02	0.03	0.09	0.09	162.5	26.1	2980	2.96	2.96	2.13	1.22	20.5	3.97	2.5	0.78	12.3
40097938	0.01	0.02	0.31	0.31	121.0	17.4	>10000	2.20	2.65	1.41	1.00	31.1	2.54	1.9	0.53	8.1

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001421

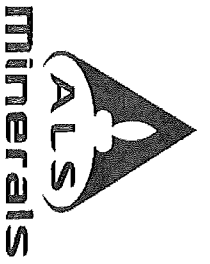
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 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm 0.01	Nb ppm 0.2	Nd ppm 0.1	Pr ppm 0.03	Rb ppm 0.2	Sm ppm 0.03	Sr ppm 0.1	Ta ppm 0.1	Tb ppm 0.01	Th ppm 0.05	Ti ppm 0.5	Tm ppm 0.01	U ppm 0.05	V ppm 5								
40097901		0.18	4.7	10.4	2.39	9.7	2.60	3.11	0.3	0.41	0.77	0.65	<0.5	0.17	0.18	115							
40097902		0.13	3.9	8.7	1.99	8.1	2.09	2.80	0.3	0.34	0.65	0.61	<0.5	0.16	0.14	104							
40097903		0.15	3.9	8.6	1.97	8.4	2.12	2.49	0.3	0.34	0.61	0.63	<0.5	0.17	0.22	103							
40097903 CRD		0.16	4.1	8.1	1.86	7.2	2.02	2.39	0.3	0.33	0.63	0.66	<0.5	0.15	0.15	103							
40097904		0.15	4.4	9.2	2.11	10.6	2.40	2.99	0.3	0.37	0.66	0.66	<0.5	0.18	0.16	107							
40097905		0.15	4.1	8.5	1.93	12.2	1.96	2.06	0.3	0.32	0.62	0.62	0.9	0.15	0.17	100							
40097906		0.16	4.5	9.6	2.15	11.8	2.39	2.47	0.3	0.36	0.61	0.61	<0.5	0.16	0.13	107							
40097907		0.21	5.2	11.4	2.59	14.1	2.91	3.02	0.4	0.46	0.93	0.93	<0.5	0.23	0.19	124							
40097908		0.21	5.4	11.0	2.59	10.9	2.61	2.80	0.4	0.44	0.76	0.76	<0.5	0.20	0.19	128							
40097909		0.19	5.0	10.8	2.54	18.1	2.60	3.27	0.3	0.42	0.79	0.79	<0.5	0.21	0.20	121							
40097910		0.19	5.6	13.4	3.25	16.4	3.15	3.68	0.3	0.47	0.81	0.81	<0.5	0.21	0.20	121							
40097911		0.23	5.5	11.8	2.75	12.9	2.86	3.18	0.4	0.46	0.90	0.90	<0.5	0.21	0.40	236							
40097912		0.21	5.6	12.2	2.78	14.4	2.76	3.32	0.3	0.48	0.89	0.89	<0.5	0.22	0.20	135							
40097913		0.21	5.6	11.8	2.69	18.4	2.87	3.25	0.4	0.47	0.92	0.92	<0.5	0.22	0.23	139							
40097914		0.19	5.2	10.8	2.53	13.8	2.69	3.04	0.3	0.42	0.81	0.81	<0.5	0.22	0.19	134							
40097915		0.29	8.0	14.8	3.35	13.8	3.56	3.68	0.4	0.45	0.91	0.91	<0.5	0.18	0.16	125							
40097916		0.21	5.7	11.6	2.70	15.0	2.87	2.31	0.5	0.62	1.35	1.35	<0.5	0.29	0.33	186							
40097917		0.26	7.3	12.5	3.31	17.5	3.66	2.51	0.4	0.49	0.87	0.87	<0.5	0.22	0.20	135							
40097918		0.21	6.2	14.6	2.90	24.4	2.94	3.17	0.5	0.60	1.06	1.06	<0.5	0.27	0.22	187							
40097919		0.22	5.7	11.8	2.62	25.4	3.00	3.42	0.4	0.51	0.91	0.91	<0.5	0.23	0.19	127							
40097920		0.05	1.1	3.4	0.74	3.7	0.81	0.81	0.4	0.45	0.91	0.91	<0.5	0.21	0.21	141							
40097921		0.20	5.5	11.4	2.58	15.8	2.65	2.31	0.1	0.10	0.51	0.51	<0.5	0.04	0.09	13							
40097922		0.24	6.4	13.2	3.08	18.4	3.38	3.10	0.4	0.44	0.82	0.82	<0.5	0.21	0.17	120							
40097923		0.19	5.6	11.3	2.60	22.8	2.88	3.12	0.4	0.52	1.04	1.04	<0.5	0.23	0.23	153							
40097923 CRD		0.22	5.7	11.2	2.72	23.7	2.70	3.43	0.4	0.41	0.86	0.86	<0.5	0.21	0.19	140							
40097924		0.21	5.8	11.1	2.49	18.1	2.65	2.92	0.3	0.49	0.83	0.83	<0.5	0.21	0.20	159							
40097925		0.20	6.3	12.1	2.94	14.9	2.94	2.81	0.4	0.44	0.82	0.82	<0.5	0.22	0.19	126							
40097926		0.26	6.7	12.7	2.95	19.7	2.91	2.12	0.4	0.53	0.90	0.90	<0.5	0.23	0.21	79							
40097927		0.38	11.0	19.7	4.69	13.9	4.88	2.63	0.7	0.81	1.57	1.57	<0.5	0.42	0.35	125							
40097928		0.25	6.8	13.3	3.24	10.0	3.31	2.61	0.4	0.54	1.01	1.01	<0.5	0.26	0.24	132							
40097929		0.14	3.7	7.5	1.75	7.7	1.89	2.56	0.2	0.29	0.55	0.55	<0.5	0.17	0.13	107							
40097930		0.17	4.4	8.4	1.93	7.3	2.13	2.57	0.3	0.34	0.66	0.66	<0.5	0.18	0.15	123							
40097931		0.27	7.7	14.7	3.47	11.2	3.40	2.38	0.5	0.55	1.16	1.16	<0.5	0.28	0.31	147							
40097932		0.32	8.9	16.3	4.09	11.1	4.08	2.55	0.5	0.57	1.58	1.58	<0.5	0.34	0.32	110							
40097933		0.21	5.9	11.8	3.02	12.2	3.20	2.80	0.4	0.47	0.88	0.88	<0.5	0.23	0.18	104							
40097934		0.24	5.9	11.4	2.60	17.7	2.58	3.36	0.4	0.46	0.91	0.91	<0.5	0.22	0.23	117							
40097935		0.20	5.1	10.3	2.45	11.1	2.67	2.29	0.3	0.44	0.77	0.77	<0.5	0.22	0.15	167							
40097936		0.25	7.0	12.7	3.04	13.5	3.02	2.66	0.4	0.56	1.00	1.00	<0.5	0.29	0.24	138							
40097937		0.29	8.0	15.3	3.57	11.1	3.65	2.91	0.5	0.59	1.14	1.14	<0.5	0.32	0.29	136							
40097938		0.20	5.4	10.1	2.36	10.1	2.32	2.45	0.3	0.36	0.74	0.74	<0.5	0.21	0.17	153							

Comments: **Corrected copy for S-Ir08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

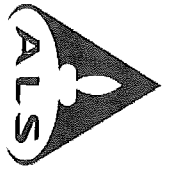
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097901		3	13.2	1.30	72	0.1	0.01	<0.005	<0.05	0.3	<0.01	0.85	99.02	<0.5	<5	<0.5
40097902		1	11.4	1.06	62	0.3	0.01	<0.005	<0.05	0.4	<0.01	0.93	99.54	<0.5	<5	<0.5
40097903		7	11.5	1.06	57	0.2	<0.01	<0.005	<0.05	0.4	<0.01	1.67	100.96	<0.5	<5	<0.5
40097903 CRD		1	10.9	1.00	57	0.2	0.02	0.006	<0.05	0.3	<0.01	2.56	98.37	<0.5	<5	<0.5
40097904		3	11.9	1.53	65	0.2	0.02	0.005	<0.05	<0.2	0.01	1.53	101.72	<0.5	<5	<0.5
40097905		<1	10.8	1.03	59	0.2	0.02	0.030	0.15	0.3	0.01	5.67	98.20	<0.5	<5	<0.5
40097906		<1	11.9	1.19	71	0.4	0.01	0.008	0.09	<0.2	0.02	2.64	99.24	<0.5	<5	<0.5
40097907		<1	14.6	1.46	81	0.3	0.01	<0.005	<0.05	<0.2	0.02	1.39	100.74	<0.5	<5	<0.5
40097908		3	14.4	1.43	78	0.2	0.02	<0.005	<0.05	<0.2	0.01	1.16	99.48	<0.5	<5	<0.5
40097909		<1	13.7	1.35	77	0.5	0.02	0.023	0.07	0.3	0.02	2.62	98.78	<0.5	<5	<0.5
40097910		<1	14.7	1.37	86	0.2	0.02	<0.005	<0.05	0.2	0.01	1.66	98.79	<0.5	<5	<0.5
40097911		<1	15.4	1.44	87	<0.1	0.01	0.010	0.05	0.5	0.01	2.22	101.81	<0.5	<5	<0.5
40097912		<1	15.4	1.46	82	<0.1	0.01	0.011	<0.05	0.3	0.02	1.72	98.31	<0.5	<5	<0.5
40097913		<1	15.5	1.53	83	0.2	0.01	0.007	0.06	0.2	0.02	1.97	99.65	<0.5	<5	<0.5
40097914		<1	13.8	1.40	82	0.1	0.01	<0.005	<0.05	0.3	0.02	1.15	98.83	<0.5	<5	<0.5
40097915		6	19.5	1.94	120	0.2	0.02	0.008	0.05	0.4	0.02	1.43	98.36	<0.5	<5	<0.5
40097916		<1	15.5	1.49	85	0.2	0.02	<0.005	<0.05	0.3	0.01	1.44	101.67	<0.5	<5	<0.5
40097917		<1	18.5	1.81	96	0.3	0.03	0.008	0.05	0.3	0.01	1.58	99.91	<0.5	<5	<0.5
40097918		1	16.0	1.42	87	0.2	0.03	<0.005	0.05	0.3	0.01	1.53	99.86	<0.5	<5	<0.5
40097919		5	15.1	1.46	80	0.3	0.03	0.011	0.07	0.3	0.03	2.17	98.99	<0.5	<5	<0.5
40097920		<1	4.0	0.37	23	1.6	0.09	0.016	0.46	1.0	0.18	10.80	99.79	<0.5	<5	0.9
40097921		<1	14.0	1.32	73	0.4	0.04	0.008	0.12	0.2	0.02	3.71	99.33	<0.5	<5	<0.5
40097922		<1	16.9	1.72	90	0.3	0.02	0.006	0.05	0.3	0.01	3.53	99.43	<0.5	<5	<0.5
40097923		<1	14.1	1.39	75	0.4	0.03	0.007	0.08	0.6	0.04	1.67	99.63	<0.5	<5	<0.5
40097923 CRD		<1	14.9	1.48	75	0.1	0.03	<0.005	0.08	0.6	0.05	1.66	101.38	<0.5	<5	<0.5
40097924		<1	14.2	1.47	68	0.3	0.06	0.005	0.05	0.7	0.07	2.80	101.01	<0.5	<5	<0.5
40097925		<1	15.0	1.45	88	<0.1	0.09	0.010	0.05	0.9	0.08	2.03	101.00	<0.5	<5	<0.5
40097926		<1	16.9	1.63	91	0.1	0.04	<0.005	<0.05	0.5	0.04	3.05	98.20	<0.5	<5	<0.5
40097927		<1	26.7	2.66	158	0.2	0.09	<0.005	<0.05	1.1	0.06	2.18	101.05	<0.5	<5	<0.5
40097928		1	17.0	1.76	86	0.2	0.06	<0.005	<0.05	1.2	0.08	2.03	101.40	<0.5	<5	<0.5
40097929		<1	10.3	0.90	51	0.1	0.07	<0.005	<0.05	0.5	0.05	2.26	100.74	<0.5	<5	<0.5
40097930		<1	11.5	1.03	61	<0.1	0.08	<0.005	<0.05	1.0	0.08	2.35	101.95	<0.5	<5	<0.5
40097931		3	19.1	1.75	101	<0.1	0.13	<0.005	<0.05	1.4	0.08	2.00	101.89	<0.5	<5	<0.5
40097932		<1	22.2	2.30	132	0.2	0.09	0.006	<0.05	1.5	0.06	1.61	100.55	<0.5	<5	<0.5
40097933		<1	15.8	1.48	80	0.2	0.09	0.005	<0.05	1.4	0.09	2.02	99.23	<0.5	<5	<0.5
40097934		<1	15.3	1.52	89	0.3	0.03	<0.005	0.11	0.3	0.03	2.46	100.23	<0.5	<5	<0.5
40097935		<1	14.0	1.43	68	0.3	0.14	<0.005	0.09	2.3	0.14	2.85	99.21	<0.5	<5	<0.5
40097936		<1	17.8	1.66	85	0.3	0.15	<0.005	0.09	1.9	0.14	2.26	100.15	<0.5	<5	<0.5
40097937		<1	20.0	2.04	103	0.2	0.03	<0.005	<0.05	0.6	0.03	1.76	99.07	<0.5	<5	<0.5
40097938		<1	13.4	1.19	73	0.1	0.08	0.005	<0.05	1.0	0.09	1.27	100.42	<0.5	<5	<0.5

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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To: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80001421

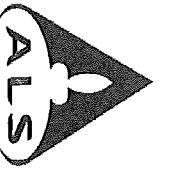
CERTIFICATE OF ANALYSIS TB14127465

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 Finalized Date: 14-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097901		57	98	10	<1	429	<2	10	76	0.002	0.0040	0.007	0.001	0.001		
40097902		63	100	20	<1	499	<2	11	79	0.002	0.0043	0.007	0.001	0.001		
40097903		79	93	20	<1	704	<2	10	89	0.002	0.0058	0.012	0.001	0.001		
40097903 CRD		86	99	20	<1	737	2	11	93	0.003	0.0052	0.009				
40097904		66	96	20	<1	563	<2	12	80	0.002	0.0056	0.012				
40097905		72	100	70	<1	629	<2	11	83	0.003	0.0071	0.013				
40097906		78	107	30	<1	715	<2	9	93	0.003	0.0087	0.017				
40097907		58	118	20	<1	473	<2	13	84	0.003	0.0055	0.010				
40097908		61	121	10	<1	488	<2	12	98	0.002	0.0086	0.015				
40097909		58	124	40	<1	464	<2	13	101	0.005	0.0075	0.015				
40097910		42	51	10	<1	79	2	25	76	<0.001	<0.0005	<0.001				
40097911		53	131	40	<1	421	3	13	93	0.003	0.0050	0.009				
40097912		49	126	30	<1	344	<2	12	86	0.002	0.0067	0.013				
40097913		44	136	30	<1	266	<2	12	73	0.005	0.0070	0.013				
40097914		47	180	20	<1	303	<2	13	80	0.016	0.0016	0.004				
40097915		70	264	20	<1	548	3	17	152	0.002	0.0069	0.012				
40097916		77	130	20	<1	731	<2	12	112	0.003	0.0066	0.023				
40097917		48	136	20	<1	304	<2	18	91	0.003	0.0035	0.008				
40097918		50	143	20	<1	337	<2	16	108	0.002	0.0078	0.023				
40097919		57	139	30	<1	384	4	13	123	0.002	0.0064	0.013				
40097920		143	576	<10	1	1950	62	10	210	0.015	0.0062	0.004				
40097921		55	111	50	<1	335	<2	10	107	0.003	0.0097	0.026				
40097922		51	113	30	<1	305	5	15	80	0.002	0.0048	0.005				
40097923		57	532	30	<1	498	<2	11	93	0.013	0.0318	0.147				
40097923 CRD		54	515	30	<1	468	<2	13	93	0.015	0.0283	0.135				
40097924		70	818	40	<1	733	3	15	117	0.014	0.0579	0.160				
40097925		77	890	30	<1	965	2	11	123	0.025	0.0525	0.279				
40097926		85	413	40	<1	799	<2	13	131	0.010	0.0278	0.165				
40097927		69	856	20	<1	810	<2	18	104	0.020	0.0328	0.260				
40097928		75	1085	20	<1	952	4	15	115	0.020	0.0491	0.289				
40097929		82	619	30	<1	960	4	12	158	0.022	0.0547	0.330				
40097930		88	1160	30	<1	1340	2	12	167	0.023	0.0540	0.389				
40097931		96	1485	20	<1	1340	4	16	174	0.032	0.0635	0.355				
40097932		76	1060	20	<1	927	3	19	139	0.017	0.0474	0.203				
40097933		88	1340	30	<1	1110	4	14	163	0.033	0.0583	0.289				
40097934		55	158	40	<1	410	<2	11	88	0.003	0.0026	0.008				
40097935		100	2250	40	<1	1830	<2	13	190	0.047	0.0998	0.551				
40097936		77	1980	30	<1	1190	3	17	147	0.039	0.102	0.499				
40097937		61	412	20	<1	554	5	15	111	0.009	0.0346	0.128				
40097938		99	1455	20	<1	1360	<2	15	204	0.031	0.0722	0.382				

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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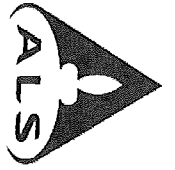
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03
40097901		
40097902		
40097903		
40097903 CRD		
40097904		
40097905		
40097906		
40097907		
40097908		
40097909		
40097910		
40097911		
40097912		
40097913		
40097914		
40097915		
40097916		
40097917		
40097918		
40097919		
40097920		
40097921		
40097922		
40097923		
40097923 CRD		
40097924		
40097925		
40097926		
40097927		
40097928		
40097929		
40097930		
40097931		
40097932		
40097933		
40097934		
40097935		
40097936		
40097937		
40097938		

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

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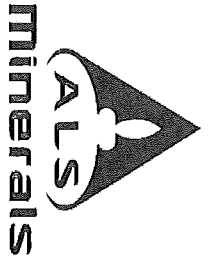
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-OC Passzmm %	PUL-OC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 C/2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40097939		6.20			38.8	18.70	14.60	8.67	1.75	9.72	0.33	2.90	1.31	0.15	0.12	0.03
40097940		0.26			51.4	14.35	10.75	9.43	2.58	7.40	0.80	0.02	1.12	0.16	0.13	0.04
40097941		6.12			43.3	19.05	11.70	10.10	2.04	8.56	0.39	0.95	1.27	0.14	0.12	0.03
40097942		5.99			43.3	18.25	13.10	9.72	1.99	9.29	0.32	0.86	1.14	0.15	0.14	0.03
40097943		6.45			44.3	18.85	11.55	10.35	2.13	8.32	0.43	0.36	1.29	0.13	0.18	0.03
40097943 CRD		<0.02			44.1	18.75	11.50	10.35	2.12	8.25	0.42	0.38	1.34	0.14	0.15	0.03
40097944		6.09			44.2	19.45	11.10	10.40	2.14	7.90	0.43	0.33	1.10	0.13	0.12	0.03
40097945		6.19			44.0	17.80	11.75	9.59	2.07	9.61	0.43	0.42	1.15	0.14	0.12	0.03
40097946		6.54			44.3	18.40	11.70	10.20	2.33	7.47	0.44	0.48	1.65	0.14	0.18	0.04
40097947		6.16			44.4	18.80	11.35	10.10	2.38	6.86	0.53	0.38	1.34	0.14	0.17	0.04
40097948		6.22			43.4	18.75	13.55	9.02	1.87	10.15	0.37	0.19	1.20	0.16	0.14	0.03
40097949		6.18			45.5	18.95	10.70	10.45	2.31	6.59	0.60	0.10	1.45	0.12	0.17	0.04
40097950		6.00			37.3	5.69	16.00	3.73	0.63	22.7	0.24	0.26	0.42	0.14	0.03	0.02
40097951		5.67			45.2	19.80	10.20	10.45	2.38	6.73	0.63	0.16	1.28	0.12	0.14	0.04
40097952		6.25			44.1	18.15	11.15	10.70	2.16	7.11	0.54	0.17	1.54	0.14	0.16	0.04
40097953		6.00			44.0	18.55	11.95	9.92	2.11	7.21	0.51	0.09	1.23	0.13	0.14	0.04
40097954		4.13			45.3	19.45	10.30	10.45	2.41	6.61	0.72	0.12	1.37	0.13	0.18	0.04
40097955		6.00			45.3	21.1	9.63	10.30	2.27	5.96	0.73	0.18	1.09	0.11	0.14	0.05
40097956		6.21			43.2	18.60	10.25	10.75	1.74	6.82	0.71	0.08	1.16	0.12	0.14	0.05
40097957		5.95			44.8	19.50	9.62	10.20	1.99	7.11	0.65	0.08	1.11	0.11	0.12	0.05
40097958		6.11			47.0	18.95	10.70	10.40	2.23	8.36	0.43	0.05	1.14	0.13	0.14	0.04
40097959		2.85			47.8	18.75	11.25	9.98	2.43	8.53	0.42	0.04	1.08	0.14	0.13	0.04
40097960		2.98			47.2	18.65	10.85	9.92	2.41	8.34	0.42	0.04	1.05	0.13	0.13	0.04
40097961		6.04			47.8	19.05	11.30	9.95	2.54	7.89	0.35	0.04	1.11	0.14	0.13	0.04
40097962		6.12			46.3	19.80	10.50	9.80	2.50	8.19	0.36	0.04	1.11	0.14	0.13	0.04
40097963		6.10			47.1	20.8	10.20	10.30	2.48	7.24	0.57	0.06	1.01	0.12	0.12	0.04
40097963 CRD		<0.02			46.4	20.6	10.05	10.45	2.34	6.96	0.49	0.05	0.94	0.11	0.11	0.05
40097964		6.06			46.3	19.80	11.00	10.05	2.50	7.03	0.57	0.05	1.24	0.13	0.13	0.04
40097965		6.20			45.7	19.45	11.15	9.72	2.59	6.40	0.72	0.09	1.37	0.14	0.17	0.04
40097966		5.92		73.7	43.1	17.10	15.05	8.79	2.16	8.40	0.55	0.07	1.27	0.15	0.14	0.04
40097967		6.82			43.5	18.30	13.75	9.10	2.31	6.91	0.55	0.03	1.39	0.13	0.15	0.04
40097968		6.15			43.8	18.50	14.50	9.03	2.20	8.16	0.54	0.03	1.16	0.14	0.13	0.04
40097969		6.47			44.7	20.0	11.80	9.49	2.42	6.46	0.73	0.03	1.22	0.12	0.15	0.04
40097970		0.23			51.9	15.00	11.60	10.45	2.57	6.97	0.73	0.01	1.12	0.16	0.10	0.04
40097971		6.53			44.6	18.75	12.25	9.42	2.55	5.95	0.70	0.03	1.47	0.13	0.17	0.04
40097972		6.10			44.8	20.3	10.95	9.28	2.38	6.73	1.01	0.04	1.21	0.12	0.13	0.04
40097973		6.51			43.3	21.0	12.25	9.69	2.03	7.02	0.72	0.03	0.86	0.11	0.11	0.04
40097974		2.21			46.1	19.75	11.90	9.79	2.55	6.06	0.89	0.03	1.58	0.13	0.20	0.04
40097975		0.12			30.9	3.92	23.9	2.82	0.50	22.0	0.17	0.25	0.30	0.14	0.03	0.01
40097976		1.54			26.8	7.80	38.6	5.51	1.27	5.72	0.26	0.03	3.44	0.16	0.22	0.02

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

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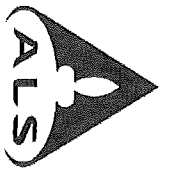
CERTIFICATE OF ANALYSIS TB14127465

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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097939	0.01	0.02	0.02	0.79	121.0	19.3	>10000	2.28	2.58	1.37	0.95	27.7	2.55	2.0	0.54	8.9
40097940	0.03	0.07	0.14	0.14	304	33.9	160	0.66	3.19	1.72	1.12	18.9	3.94	2.7	0.64	17.2
40097941	0.02	0.07	0.31	0.31	132.5	22.2	6720	2.05	3.00	1.64	1.10	21.7	3.40	2.1	0.65	10.3
40097942	0.01	0.02	0.84	0.84	124.5	22.0	6270	2.29	3.16	1.69	1.12	21.3	3.37	2.3	0.67	10.1
40097943	0.02	0.02	0.46	0.46	137.0	25.5	2530	2.20	3.55	1.96	1.17	20.6	4.04	2.5	0.76	11.8
40097943 CRD	0.02	0.02	0.48	0.48	129.5	23.3	2580	2.04	3.44	1.80	1.19	19.9	3.81	2.6	0.73	10.6
40097944	0.01	0.02	0.59	0.59	118.0	18.7	2300	2.09	2.69	1.40	1.09	19.3	2.66	2.2	0.56	8.7
40097945	0.02	0.02	0.39	0.39	129.5	19.6	2910	2.41	2.71	1.56	1.04	18.7	3.04	2.3	0.61	9.0
40097946	0.02	0.02	0.39	0.39	146.5	28.4	3500	2.16	4.08	2.24	1.29	21.8	4.25	3.0	0.79	13.3
40097947	0.02	0.02	0.35	0.35	160.0	27.7	2710	2.66	3.86	2.26	1.38	21.6	4.16	2.8	0.81	13.0
40097948	0.01	0.03	0.53	0.53	140.0	25.3	1420	2.80	3.48	1.94	1.13	18.8	3.72	2.3	0.72	11.9
40097949	0.02	0.01	0.50	0.50	188.0	29.8	720	2.34	4.34	2.33	1.42	21.3	4.53	3.2	0.92	13.6
40097950	0.01	0.14	2.45	2.45	99.3	10.0	1990	0.88	1.20	0.60	0.43	7.9	1.38	0.9	0.25	4.8
40097951	0.02	0.01	0.18	0.18	199.0	22.9	1250	2.78	3.17	1.88	1.28	22.3	3.47	2.3	0.72	10.5
40097952	0.03	0.09	0.18	0.18	212	22.5	1120	2.82	3.34	1.80	1.11	19.1	3.55	2.7	0.70	10.5
40097953	0.02	0.01	0.81	0.81	170.0	24.4	830	2.79	3.38	1.99	1.16	20.0	3.63	2.5	0.72	11.1
40097954	0.02	0.02	0.15	0.15	176.5	28.3	840	3.15	3.85	2.10	1.29	19.3	3.89	2.9	0.83	13.1
40097955	0.02	0.02	0.15	0.15	167.0	21.7	1260	2.78	2.95	1.68	1.14	19.3	3.13	2.2	0.64	10.1
40097956	0.02	0.03	0.11	0.11	205	24.6	600	2.93	3.51	1.89	1.17	19.7	3.53	2.6	0.73	11.1
40097957	0.02	0.02	0.09	0.09	173.0	22.5	590	3.46	3.17	1.54	1.11	20.8	3.11	2.4	0.60	10.8
40097958	0.02	0.01	0.12	0.12	140.5	24.0	360	2.05	3.25	1.72	1.17	21.2	3.61	2.6	0.64	11.4
40097959	0.02	0.01	0.18	0.18	131.5	21.2	300	2.21	2.88	1.63	1.16	21.0	3.02	2.3	0.57	10.0
40097960	0.02	0.02	0.09	0.09	131.0	21.5	290	2.08	2.77	1.48	1.13	20.8	3.04	2.3	0.59	10.3
40097961	0.02	0.01	0.03	0.03	142.5	24.0	300	2.42	2.91	1.65	1.23	21.4	3.08	2.6	0.58	11.7
40097962	0.01	0.01	0.09	0.09	120.5	20.0	330	1.95	2.47	1.29	1.06	19.1	2.83	1.9	0.50	9.6
40097963	0.02	0.01	0.11	0.11	146.5	21.3	430	2.29	2.47	1.47	1.13	21.3	2.82	2.2	0.53	10.7
40097963 CRD	0.02	0.01	0.10	0.10	150.0	22.0	360	2.22	2.57	1.50	1.05	21.2	2.89	2.1	0.50	10.7
40097964	0.02	0.01	0.34	0.34	160.0	24.8	400	2.30	3.24	1.86	1.22	20.6	3.44	2.6	0.65	11.7
40097965	0.02	0.02	0.36	0.36	166.5	29.0	760	2.56	3.72	2.10	1.41	22.2	4.10	3.0	0.76	13.8
40097966	0.02	0.01	1.56	1.56	159.0	24.4	600	2.67	3.58	1.78	1.26	20.4	3.51	2.6	0.68	11.6
40097967	0.02	0.01	1.38	1.38	155.5	26.2	270	2.80	3.64	2.26	1.18	20.7	3.89	2.9	0.73	12.3
40097968	0.02	0.01	1.42	1.42	143.0	23.9	260	3.02	3.06	1.67	1.20	20.2	3.28	2.4	0.60	11.6
40097969	0.02	0.01	0.93	0.93	155.0	25.1	260	3.24	3.63	1.76	1.25	21.6	3.55	2.7	0.67	12.1
40097970	0.03	0.06	0.11	0.11	294	29.5	20	0.48	3.45	1.73	1.12	19.8	3.34	2.6	0.62	15.5
40097971	0.02	0.01	0.83	0.83	168.0	30.9	270	2.86	4.05	2.42	1.44	22.1	4.55	3.3	0.81	14.6
40097972	0.02	0.01	0.53	0.53	149.0	24.1	290	3.57	3.37	1.70	1.21	20.9	3.35	2.5	0.59	11.7
40097973	0.01	0.01	1.73	1.73	120.5	18.1	260	3.38	2.47	1.26	1.06	20.0	2.41	1.9	0.46	8.8
40097974	0.02	0.01	0.60	0.60	194.0	44.2	240	3.42	5.06	2.92	1.58	24.5	4.89	4.24	1.00	22.4
40097975	0.01	0.11	6.63	6.63	61.2	6.4	1940	0.40	0.89	0.46	0.24	5.5	0.94	0.6	0.17	3.3
40097976	0.01	0.01	11.10	11.10	87.6	22.6	210	1.53	3.74	1.91	1.02	13.0	3.72	3.2	0.68	10.5

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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TO: RIO TINTO EXPLORATION CANADA INC.
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VANCOUVER BC V6C 1S4

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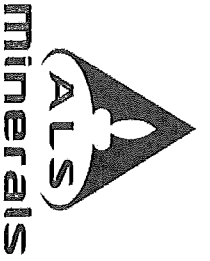
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Table with columns: Sample Description, Method Analyte Units LOR, ME-MS81 Lu ppm, ME-MS81 NiB ppm, ME-MS81 NiD ppm, ME-MS81 Ni ppm, ME-MS81 Pt ppm, ME-MS81 Rb ppm, ME-MS81 Sm ppm, ME-MS81 Sn ppm, ME-MS81 Sr ppm, ME-MS81 Ta ppm, ME-MS81 Tb ppm, ME-MS81 Th ppm, ME-MS81 Tl ppm, ME-MS81 Tm ppm, ME-MS81 U ppm, ME-MS81 V ppm. Rows include sample IDs like 40097939, 40097940, 40097941, 40097942, 40097943, 40097943 CRD, 40097944, 40097945, 40097946, 40097947, 40097948, 40097949, 40097950, 40097951, 40097952, 40097953, 40097954, 40097955, 40097956, 40097957, 40097958, 40097959, 40097960, 40097961, 40097962, 40097963, 40097963 CRD, 40097964, 40097965, 40097966, 40097967, 40097968, 40097969, 40097970, 40097971, 40097972, 40097973, 40097974, 40097975, 40097976.

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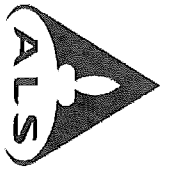
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units	ME-MSB1 W ppm	ME-MSB1 Y ppm	ME-MSB1 Yb ppm	ME-MSB1 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICDP6 Total %	ME-4ACDB1 Ag ppm	ME-4ACDB1 As ppm	ME-4ACDB1 Cd ppm
40097939		1	13.8	1.38	76	0.1	0.28	<0.005	<0.05	3.3	0.21	1.59	98.68	1.3	<5	<0.5
40097940		<1	17.5	1.53	102	0.3	0.02	<0.005	<0.05	0.3	<0.01	1.16	99.37	<0.5	<5	<0.5
40097941		<1	16.9	1.70	87	0.3	0.10	<0.005	<0.05	1.6	0.07	1.38	99.05	0.6	<5	<0.5
40097942		<1	17.6	1.60	87	0.2	0.31	<0.005	<0.05	4.2	0.34	1.39	99.69	1.7	<5	<0.5
40097943		<1	19.1	1.81	98	0.2	0.15	<0.005	0.21	2.1	0.11	2.03	99.97	0.9	<5	<0.5
40097943 CRD		<1	18.3	1.79	99	0.2	0.13	<0.005	<0.05	1.8	0.11	2.04	99.59	0.7	<5	<0.5
40097944		<1	14.7	1.32	81	0.4	0.22	0.006	<0.05	2.4	0.13	1.40	98.74	0.8	<5	<0.5
40097945		<1	15.5	1.55	81	0.5	0.12	<0.005	0.08	2.3	0.20	1.72	98.85	0.8	<5	<0.5
40097946		<1	21.5	1.97	111	0.1	0.11	<0.005	<0.05	2.5	0.14	1.42	98.77	0.7	<5	<0.5
40097947		<1	20.7	1.92	110	0.3	0.11	<0.005	<0.05	2.2	0.16	1.82	98.33	1.0	<5	<0.5
40097948		<1	18.6	1.85	97	0.4	0.25	0.006	<0.05	3.6	0.24	1.43	98.27	1.3	<5	<0.5
40097949		<1	23.2	2.23	127	0.1	0.16	<0.005	0.05	3.0	0.22	1.51	98.51	1.1	<5	<0.5
40097950		<1	7.0	0.68	32	9.5	1.08	<0.005	10.8	10.8	0.23	9.32	96.49	2.4	7	0.6
40097951		7	17.7	1.69	91	0.2	0.06	0.009	<0.05	1.3	0.08	1.40	98.55	<0.5	<5	<0.5
40097952		<1	18.0	1.86	103	0.3	0.09	<0.005	0.10	0.9	0.05	3.02	99.01	<0.5	<5	<0.5
40097953		3	18.5	1.67	95	0.4	0.31	<0.005	0.12	5.2	0.29	1.37	97.27	1.1	<5	<0.5
40097954		<1	20.8	2.15	114	0.2	0.07	<0.005	<0.05	1.0	0.04	1.71	98.82	<0.5	<5	<0.5
40097955		<1	15.9	1.54	85	<0.1	0.06	0.005	<0.05	1.0	0.05	1.68	98.56	<0.5	<5	<0.5
40097956		1	18.2	1.75	100	1.4	0.03	<0.005	0.06	0.9	0.02	3.74	97.38	<0.5	<5	<0.5
40097957		<1	16.7	1.35	84	0.6	0.04	<0.005	0.09	0.7	0.03	3.16	98.52	<0.5	<5	<0.5
40097958		<1	17.8	1.61	97	0.2	0.05	<0.005	<0.05	0.6	0.03	1.23	100.82	<0.5	<5	<0.5
40097959		<1	15.3	1.48	83	1.5	0.09	<0.005	0.12	0.9	0.04	1.23	101.84	<0.5	<5	<0.5
40097960		<1	15.4	1.47	83	0.7	0.06	<0.005	0.10	0.6	0.01	1.21	100.41	<0.5	<5	<0.5
40097961		<1	16.6	1.56	94	0.1	0.02	<0.005	<0.05	<0.2	0.01	1.14	101.50	<0.5	<5	<0.5
40097962		<1	13.5	1.28	72	0.2	0.07	<0.005	0.07	0.4	0.02	0.98	99.73	<0.5	<5	<0.5
40097963		<1	13.9	1.29	79	0.2	0.05	<0.005	0.06	0.4	0.02	1.89	101.95	<0.5	<5	<0.5
40097963 CRD		<1	14.2	1.39	74	0.2	0.03	<0.005	0.05	0.5	0.02	1.81	100.38	<0.5	<5	<0.5
40097964		<1	17.3	1.54	91	0.4	0.14	<0.005	<0.05	1.9	0.11	1.60	100.46	0.5	<5	<0.5
40097965		<1	20.2	1.97	111	0.5	0.13	<0.005	0.05	2.1	0.12	2.03	99.59	0.5	<5	<0.5
40097966		<1	18.4	1.73	92	19.2	0.94	<0.005	0.47	4.7	0.30	2.00	98.83	2.0	13	0.9
40097967		<1	20.6	1.82	104	23.5	0.98	0.005	0.84	2.6	0.18	1.92	98.10	1.4	15	1.1
40097968		<1	17.0	1.58	89	22.7	0.99	<0.005	0.62	2.6	0.16	1.96	100.21	1.0	20	1.3
40097969		<1	18.4	1.73	100	23.2	0.56	<0.005	0.60	2.1	0.11	1.93	99.11	0.7	12	0.6
40097970		<1	17.3	1.57	85	0.6	0.03	<0.005	<0.05	<0.2	<0.01	0.79	101.47	<0.5	<5	<0.5
40097971		<1	23.2	2.08	123	17.2	0.84	<0.005	0.63	2.3	0.11	2.23	98.31	0.7	8	0.5
40097972		<1	17.1	1.60	88	11.3	0.62	<0.005	0.33	1.5	0.10	2.16	99.17	0.5	7	<0.5
40097973		<1	12.7	1.06	68	18.3	1.32	0.005	0.66	4.8	0.36	2.30	99.47	2.7	31	1.0
40097974		<1	28.2	3.05	1710	15.2	0.45	<0.005	0.45	1.9	0.11	2.13	100.17	0.9	12	0.5
40097975		<1	4.5	0.40	19	5.7	1.76	0.006	0.36	24.4	4.52	10.25	95.20	4.3	<5	1.3
40097976		<1	18.9	1.96	115	84.4	2.02	0.005	1.13	14.6	0.35	5.45	95.29	8.3	65	1.9

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

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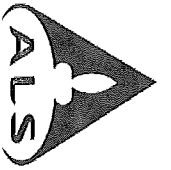
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-4ACDB1 Co ppm	ME-4ACDB1 Cu ppm	ME-4ACDB1 Li ppm	ME-4ACDB1 Mo ppm	ME-4ACDB1 Ni ppm	ME-4ACDB1 Pb ppm	ME-4ACDB1 Sc ppm	ME-4ACDB1 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097939		113	3900	20	<1	2600	5	13	182	0.079	0.183	0.973				
40097940		47	84	10	<1	87	4	27	82	0.001	<0.0005	0.003				
40097941		73	1350	20	<1	1200	<2	16	108	0.039	0.0732	0.484				
40097942		95	4740	20	<1	2830	<2	15	115	0.101	0.161	>1.00				
40097943		73	2300	20	<1	1470	<2	13	97	0.050	0.0758	0.549				0.10
40097943 CRD		71	2180	20	<1	1430	<2	16	97	0.042	0.156	0.528				
40097944		72	2340	20	<1	1480	<2	11	91	0.060	0.126	0.702				
40097945		71	2280	20	<1	1350	<2	14	104	0.091	0.425	0.850				
40097946		64	2130	20	<1	1320	<2	20	102	0.058	0.0837	0.808				
40097947		61	1870	20	<1	1240	<2	18	103	0.054	0.182	0.828				
40097948		90	3760	20	<1	2440	2	15	116	0.087	0.180	>1.00				0.08
40097949		59	3150	20	<1	1600	3	20	89	0.079	0.167	0.861				
40097950		197	5130	20	2	7010	17	14	82	0.158	0.390	0.254				0.11
40097951		52	1220	20	<1	768	2	16	88	0.033	0.0634	0.359				
40097952		55	934	30	<1	796	<2	19	85	0.020	0.0431	0.277				
40097953		76	4930	20	<1	2540	3	15	97	0.101	0.235	>1.00				0.34
40097954		50	893	20	<1	570	2	18	102	0.026	0.0938	0.282				
40097955		46	956	20	<1	7010	2	12	83	0.028	0.0718	0.403				
40097956		52	485	40	<1	507	<2	15	80	0.016	0.0183	0.143				
40097957		48	363	40	<1	426	2	13	73	0.012	0.0292	0.177				
40097958		58	590	20	<1	518	4	16	82	0.016	0.0226	0.107				
40097959		59	900	20	<1	582	4	15	92	0.017	0.0258	0.138				
40097960		55	456	20	<1	406	<2	14	82	0.009	0.0137	0.066				
40097961		54	166	20	<1	253	<2	15	96	0.003	0.0045	0.004				
40097962		55	540	20	<1	470	2	12	93	0.012	0.0229	0.115				
40097963		49	488	30	1	332	3	11	76	0.006	0.0153	0.043				
40097963 CRD		49	462	20	<1	314	<2	11	76	0.007	0.0095	0.040				
40097964		56	1930	20	<1	992	<2	15	85	0.042	0.0690	0.455				
40097965		58	1820	30	<1	1150	2	16	94	0.069	0.1360	0.953				
40097966		133	4770	20	3	2610	11	18	110	0.094	0.205	0.837				
40097967		121	2660	20	3	1730	22	15	109	0.063	0.0911	0.378				
40097968		137	2480	20	4	1620	39	14	115	0.047	0.0893	0.325				
40097969		99	2000	20	2	1210	5	13	87	0.052	0.1965	0.345				
40097970		46	59	10	<1	55	4	30	82	0.001	0.0005	0.002				
40097971		85	2310	20	3	1280	7	19	95	0.048	0.0888	0.390				
40097972		74	1730	30	3	882	3	11	83	0.050	0.0778	0.334				
40097973		138	6630	30	<1	3000	25	9	91	0.128	0.219	>1.00				0.11
40097974		72	2120	20	1	1120	4	18	102	0.049	0.0692	0.324				0.24
40097975		415	>10000	10	3	>10000	28	12	96	0.262	0.642	0.355				
40097976		707	>10000	20	11	>10000	8	26	148	0.126	0.0984	0.915				

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

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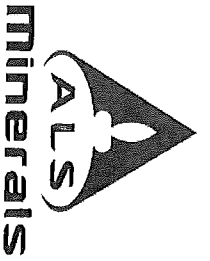
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm
40097939		
40097940		
40097941		
40097942		1.31
40097943		
40097943 CRD		
40097944		
40097945		
40097946		
40097947		
40097948		1.07
40097949		
40097950		
40097951		
40097952		
40097953		1.21
40097954		
40097955		
40097956		
40097957		
40097958		
40097959		
40097960		
40097961		
40097962		
40097963		
40097963 CRD		
40097964		
40097965		
40097966		
40097967		
40097968		
40097969		
40097970		
40097971		
40097972		
40097973		1.10
40097974		
40097975		
40097976		

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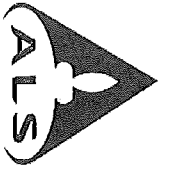
CERTIFICATE OF ANALYSIS TB14127465

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 Total # Pages: 6 (A - F)
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40097977		6.92	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40097978		5.88			44.2	19.50	12.35	9.57	2.41	5.90	0.74	0.02	1.40	0.13	0.16	0.04
40097979		5.91			44.7	19.80	11.00	9.78	2.13	6.42	0.66	0.03	1.05	0.12	0.10	0.04
40097980		0.11			38.4	5.63	15.35	3.89	0.67	8.50	0.53	0.03	1.00	0.13	0.11	0.04
40097981		6.16			45.0	19.75	10.55	9.74	2.32	7.98	0.47	0.28	0.44	0.15	0.03	0.01
40097982		6.47			46.1	18.50	12.05	9.82	2.24	8.68	0.46	0.03	1.06	0.13	0.13	0.04
40097983		5.73			44.8	19.50	11.25	9.39	2.35	8.23	0.45	0.04	1.11	0.14	0.10	0.04
40097983 CRD		<0.02			45.5	19.75	11.25	9.71	2.37	8.24	0.47	0.04	0.91	0.13	0.11	0.04
40097984		6.08			45.8	19.75	10.85	9.89	2.50	7.28	0.52	0.03	1.13	0.13	0.11	0.04
40097985		6.19			46.2	20.2	10.85	10.20	2.47	7.25	0.59	0.04	1.04	0.13	0.13	0.04
40097986		6.14			45.6	18.90	11.60	9.98	2.40	8.32	0.39	0.04	0.97	0.14	0.12	0.03
40097987		6.33			46.0	19.65	11.45	10.05	2.50	7.59	0.58	0.03	1.10	0.13	0.12	0.03
40097988		6.25			43.8	18.95	13.45	9.35	2.32	7.33	0.56	0.03	0.97	0.13	0.11	0.04

Comments: **Corrected copy for S-JR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



ALS Minerals

ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Page: 6 - B
 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 14-SEP-2014
 Account: KAV

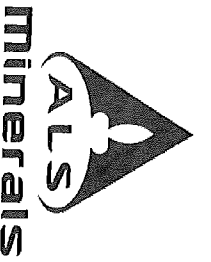
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097977		0.02	0.01	1.01	150.0	26.4	170	3.16	3.50	1.87	1.24	20.2	3.49	2.7	0.66	12.7
40097978		0.01	0.01	1.49	124.0	19.1	200	2.74	2.50	1.20	1.10	19.1	2.58	1.9	0.51	8.9
40097979		0.01	0.01	0.34	114.0	19.3	250	2.36	2.72	1.37	0.95	18.6	2.81	2.0	0.53	9.3
40097980		0.01	0.17	2.42	96.1	10.0	2030	0.77	1.30	0.69	0.45	7.6	1.33	0.8	0.25	5.1
40097981		0.01	0.01	0.15	128.0	22.3	230	2.28	2.86	1.53	1.10	20.1	3.04	2.2	0.59	10.8
40097982		0.01	0.01	0.78	126.0	20.8	250	2.74	2.96	1.53	1.14	19.9	2.98	2.2	0.59	9.8
40097983		0.01	0.01	0.53	115.0	17.4	270	2.27	2.18	1.22	0.93	18.7	2.47	1.7	0.45	8.6
40097983 CRD		0.01	0.02	0.51	117.5	18.0	280	2.23	2.35	1.25	1.04	19.4	2.59	1.7	0.45	9.1
40097984		0.01	0.01	0.28	136.5	22.2	270	2.46	3.11	1.61	1.19	22.6	3.11	2.4	0.61	10.4
40097985		0.01	0.02	0.23	128.5	20.2	280	2.28	2.71	1.51	1.08	20.6	2.74	2.1	0.50	9.8
40097986		0.01	0.01	0.16	128.5	20.2	280	1.82	2.63	1.48	1.04	20.8	2.75	2.2	0.51	9.6
40097987		0.01	0.02	0.33	126.0	19.4	200	1.88	2.62	1.29	1.00	19.2	2.86	2.0	0.51	9.1
40097988		0.01	0.02	1.45	126.0	19.2	200	2.20	2.54	1.27	1.07	20.2	2.52	2.0	0.46	9.3

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001421

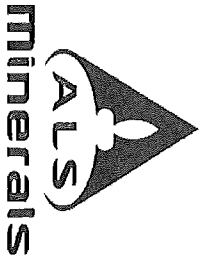
CERTIFICATE OF ANALYSIS TB14127465

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Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sr ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097977		0.26	7.7	15.0	3.50	33.6	3.53	2	316	0.5	0.59	1.01	<0.5	0.24	0.26	151
40097978		0.18	5.2	11.2	2.43	27.2	2.55	1	320	0.4	0.41	0.76	<0.5	0.18	0.17	117
40097979		0.21	5.3	11.3	2.52	18.7	2.65	1	307	0.3	0.47	0.78	<0.5	0.17	0.18	109
40097980		0.09	2.0	5.5	1.30	6.2	1.26	2	111.0	0.1	0.20	0.69	<0.5	0.08	0.20	113
40097981		0.21	6.1	12.7	2.97	16.8	3.00	1	337	0.4	0.48	0.83	<0.5	0.20	0.23	118
40097982		0.21	6.2	11.9	2.77	17.4	2.77	1	321	0.4	0.50	0.82	<0.5	0.20	0.20	129
40097983		0.16	4.8	10.1	2.31	16.5	2.28	1	314	0.3	0.40	0.70	<0.5	0.15	0.16	101
40097984 CRD		0.16	4.7	9.9	2.35	17.2	2.45	1	321	0.3	0.41	0.75	<0.5	0.18	0.20	105
40097984		0.23	6.5	13.2	2.99	20.1	3.03	1	363	0.4	0.51	0.88	<0.5	0.22	0.22	130
40097985		0.18	5.7	11.7	2.62	20.4	2.72	1	346	0.3	0.44	0.85	<0.5	0.19	0.19	116
40097986		0.20	5.4	11.7	2.69	11.5	2.68	1	330	0.3	0.48	0.87	<0.5	0.17	0.21	122
40097987		0.19	5.4	11.2	2.57	17.3	2.77	1	321	0.4	0.44	0.83	<0.5	0.17	0.21	114
40097988		0.18	5.1	11.1	2.52	20.5	2.63	1	330	0.3	0.45	0.76	<0.5	0.17	0.19	113

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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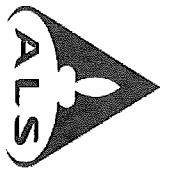
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-MS91 W ppm 1	ME-MS91 Y ppm 0.5	ME-MS91 Yb ppm 0.03	ME-MS91 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5
40097977		<1	18.6	1.75	96	16.2	0.73	0.005	0.63	3.3	0.26	2.10	98.54	1.4	10	0.6
40097978		<1	13.6	1.26	69	13.7	0.80	<0.005	0.39	4.9	0.36	1.94	99.05	1.8	11	0.5
40097979		<1	14.0	1.40	74	1.1	0.16	<0.005	<0.05	1.5	0.08	1.52	99.31	0.8	<5	<0.5
40097980		<1	6.8	0.71	28	9.4	1.10	0.007	0.24	10.3	2.26	9.66	98.33	2.2	5	0.8
40097981		<1	15.3	1.47	79	0.1	0.06	<0.005	<0.05	1.1	0.05	1.59	98.80	<0.5	<5	<0.5
40097982		<1	15.2	1.55	82	0.3	0.25	<0.005	<0.05	3.4	0.20	1.98	101.27	1.4	<5	<0.5
40097983		<1	12.3	1.14	66	0.9	0.39	<0.005	0.08	2.6	0.14	1.74	98.95	1.3	<5	<0.5
40097983 CRD		<1	12.8	1.12	63	0.7	0.19	0.007	<0.05	2.2	0.16	1.74	100.26	0.9	<5	0.5
40097984		<1	16.4	1.51	89	1.1	0.12	<0.005	<0.05	1.4	0.07	1.73	99.79	<0.5	<5	<0.5
40097985		<1	14.3	1.35	74	0.3	0.08	<0.005	<0.05	1.2	0.09	1.83	100.97	<0.5	<5	0.5
40097986		<1	14.6	1.31	78	0.4	0.10	<0.005	<0.05	0.6	0.05	1.17	99.67	<0.5	<5	<0.5
40097987		<1	13.9	1.24	75	3.7	0.20	<0.005	0.09	0.6	0.06	1.70	100.95	<0.5	6	0.6
40097988		<1	13.3	1.17	70	14.9	0.78	<0.005	0.32	3.5	0.24	1.69	98.74	1.3	14	1.0

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

**** See Appendix Page for comments regarding this certificate ****



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 354-200 GRANVILLE STREET
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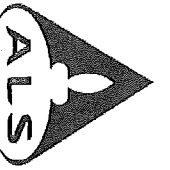
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	NI-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097977		95	4680	20	<1	1710	4	14	99	0.104	0.1275	0.765				
40097978		110	5440	20	<1	2850	7	11	85	0.166	0.693	>1.00			0.23	0.39
40097979		69	1550	20	<1	1210	<2	12	79	0.035	0.0798	0.362				
40097980		200	5310	20	2	7180	16	15	82	0.171	0.380	0.233				
40097981		57	986	20	<1	659	2	12	77	0.020	0.0340	0.204				
40097982		85	4790	20	<1	2270	3	14	86	0.095	0.1475	0.956				
40097983		74	3270	20	<1	1570	3	10	78	0.082	0.329	0.766				
40097983 CRD		74	3040	20	<1	1520	5	11	76	0.069	0.145	0.671				
40097984		63	1550	20	<1	821	4	12	77	0.035	0.0533	0.384				
40097985		57	1570	20	<1	696	5	11	76	0.043	0.0934	0.497				
40097986		62	1000	10	<1	588	5	12	83	0.023	0.0430	0.199				
40097987		66	954	20	<1	624	8	12	78	0.023	0.0553	0.174				
40097988		122	3790	20	1	1960	11	11	87	0.071	0.177	0.637				

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

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Finalized Date: 14-SEP-2014
Account: KAV

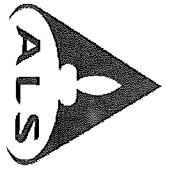
Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03
40097977		
40097978		1.34
40097979		
40097980		
40097981		
40097982		
40097983		
40097983 CRD		
40097984		
40097985		
40097986		
40097987		
40097988		

Comments: **Corrected copy for S-IR08 on samples 40097827 to 40097833, 40097887 to 40097893, and 40097917 to 40097923**

***** See Appendix Page for comments regarding this certificate *****



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Project: EB80001421

CERTIFICATE OF ANALYSIS TB14127465

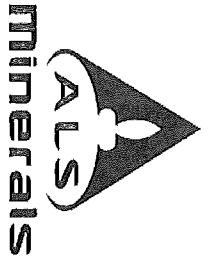
Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 14-SEP-2014
Account: KAV

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
BAG-04 CRU-31 CRU-QC
LOG-21d LOG-23 PUL-32
PUL-QC SPL-21 SPL-21d

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
C-IR07 Cu-OG62 ME-4ACD81 ME-ICP06
ME-MS42 ME-MS81 ME-OG62 Ni-OG62
OA-GRA05 PGM-ICP27 PGM-MS24 S-IR08
TOT-ICP06



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 19-SEP-2014
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CERTIFICATE TB14122412

Project: EB80001745
 P.O. No.: 3101202290
 This report is for 168 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 15-AUG-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Revd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split - Dup 85% < 75um

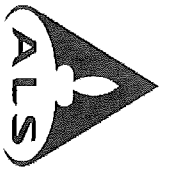
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (leco)	LECO
S-IR08	Total Sulphur (leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dtg.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

ANALYTICAL PROCEDURES

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Minerals

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T.O: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80001745

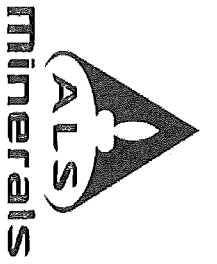
CERTIFICATE OF ANALYSIS TB14122412

Page: 2 - A
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Table with columns: Sample Description, Method Analyte Units LOR, WEI-21 Recvd Wt. Kg, GRU-QC Passzmm %, PUL-QC Pass75um %, ME-ICP06 SiO2 %, ME-ICP06 Al2O3 %, ME-ICP06 Fe2O3 %, ME-ICP06 CaO %, ME-ICP06 Na2O %, ME-ICP06 MgO %, ME-ICP06 K2O %, ME-ICP06 Cr2O3 %, ME-ICP06 TiO2 %, ME-ICP06 MnO %, ME-ICP06 P2O5 %, ME-ICP06 S%.

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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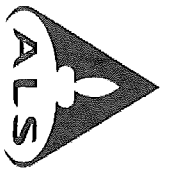
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097077	0.05	0.12	0.10	0.07	461	49.3	20	0.72	5.09	2.76	1.56	21.4	5.25	3.8	1.01	24.2
40097571	0.02	0.01	0.07	0.07	167.5	30.3	220	0.39	4.33	2.66	1.43	20.3	4.58	2.8	0.87	13.6
40097572	0.02	0.01	0.06	0.06	154.0	26.1	290	0.35	3.98	2.32	1.23	19.7	3.93	2.7	0.82	11.4
40097573	0.02	0.02	0.07	0.07	162.0	29.3	270	0.40	4.24	2.52	1.29	20.1	4.39	2.8	0.88	13.1
40097574	0.02	<0.01	0.07	0.07	176.5	34.6	240	0.49	5.12	2.77	1.59	21.9	5.18	3.3	1.00	15.3
40097575	0.02	0.01	0.06	0.06	164.0	27.1	230	0.35	4.02	2.23	1.31	20.1	4.05	2.4	0.81	11.9
40097576	0.02	0.02	0.06	0.06	160.5	33.3	230	0.46	4.43	2.72	1.40	19.4	4.63	3.2	0.92	15.0
40097577	0.02	0.01	0.08	0.08	183.5	33.9	250	0.41	4.70	2.78	1.57	21.6	5.02	3.2	0.95	14.8
40097578	0.02	0.02	0.08	0.08	175.0	31.6	220	0.39	4.58	2.65	1.49	20.8	4.59	3.0	0.91	14.0
40097579	0.02	0.01	0.07	0.07	182.5	35.1	180	0.37	4.76	2.53	1.50	20.7	4.66	3.4	0.93	15.8
40097580	0.03	0.07	0.09	0.09	261	25.2	120	0.53	2.59	1.51	1.00	17.6	2.57	1.8	0.50	12.6
40097581	0.02	0.02	0.07	0.07	168.5	28.7	200	0.35	4.13	2.29	1.27	20.0	4.22	2.7	0.82	12.7
40097582	0.02	0.01	0.07	0.07	159.5	28.7	270	0.28	4.22	2.51	1.37	19.2	4.14	2.9	0.86	12.9
40097583	0.02	0.01	0.05	0.05	163.0	29.4	270	0.30	4.19	2.40	1.31	19.5	4.03	3.0	0.81	13.2
40097584	0.02	0.01	0.06	0.06	155.5	29.7	250	0.23	4.06	2.40	1.22	19.2	4.08	2.7	0.82	13.2
40097585	0.02	0.01	0.05	0.05	144.5	25.8	280	0.20	4.03	2.17	1.24	18.5	3.90	2.9	0.78	11.8
40097586	0.02	0.01	0.05	0.05	145.5	27.1	310	0.18	3.85	2.22	1.23	19.0	3.77	2.7	0.77	11.9
40097587	0.02	<0.01	0.05	0.05	146.5	27.4	260	0.25	3.85	2.15	1.19	18.4	3.86	2.8	0.75	11.2
40097588	0.02	0.01	0.05	0.05	150.5	26.1	280	0.34	3.93	2.10	1.25	18.7	3.96	2.3	0.78	11.4
40097589	0.02	0.01	0.05	0.05	131.5	25.0	300	0.35	3.45	1.97	1.25	18.7	3.27	2.3	0.67	11.3
40097589 CRD	0.02	0.01	0.05	0.05	132.0	25.1	300	0.33	3.28	2.00	1.18	18.4	3.50	2.3	0.69	11.3
40097590	0.08	0.20	0.36	0.36	716	6.5	4760	0.17	0.83	0.45	0.26	5.2	0.78	0.5	0.16	3.1
40097591	0.02	0.01	0.03	0.03	154.0	26.8	260	0.27	3.95	2.31	1.30	20.2	3.96	2.7	0.79	12.0
40097592	0.02	0.01	0.05	0.05	156.0	29.4	290	0.32	4.21	2.36	1.28	19.9	4.16	2.9	0.82	13.0
40097593	0.02	0.01	0.06	0.06	151.0	27.0	270	0.57	4.05	2.23	1.25	21.4	4.26	3.2	0.90	12.1
40097594	0.02	0.02	0.04	0.04	142.0	25.9	250	0.48	3.92	2.24	1.32	22.3	4.25	3.1	0.82	11.7
40097595	0.02	0.01	0.04	0.04	158.0	29.2	240	0.55	4.08	2.28	1.39	22.5	4.51	3.1	0.86	12.7
40097596	0.02	0.01	0.05	0.05	146.5	25.9	250	0.55	4.00	2.16	1.31	22.3	4.59	2.7	0.81	11.5
40097597	0.02	0.01	0.05	0.05	154.5	27.6	240	0.50	4.29	2.39	1.34	22.9	4.56	2.9	0.89	12.4
40097598	0.02	0.01	0.06	0.06	162.0	29.4	230	0.48	4.24	2.14	1.42	22.6	4.38	3.0	0.88	13.3
40097599	0.02	0.01	0.07	0.07	179.5	32.1	240	0.50	4.70	2.62	1.50	23.7	5.03	3.4	1.05	14.4
40097600	0.02	0.03	0.07	0.07	180.0	34.2	260	0.49	5.38	2.82	1.62	24.5	5.14	3.7	1.09	15.0
40097601	0.02	0.02	0.08	0.08	176.0	33.2	250	0.64	4.68	2.68	1.50	23.2	5.11	4.0	1.00	14.3
40097602	0.02	0.01	0.06	0.06	171.0	31.5	250	0.63	4.75	2.86	1.47	21.3	5.03	3.5	1.03	13.8
40097603	0.02	<0.01	0.06	0.06	156.5	29.0	260	0.69	4.43	2.62	1.39	21.4	4.45	3.4	0.90	12.9
40097604	0.02	0.01	0.05	0.05	168.0	27.5	290	0.72	3.71	2.30	1.38	21.8	3.94	3.1	0.82	12.3
40097605	0.01	0.01	0.03	0.03	110.5	18.9	430	0.15	2.51	1.45	0.95	20.2	2.87	1.9	0.54	8.4
40097606	0.01	0.01	0.03	0.03	98.0	15.4	310	0.02	2.06	1.23	0.92	18.9	2.58	1.5	0.45	7.0
40097607	0.01	0.01	0.04	0.04	105.5	16.9	300	0.07	2.24	1.28	0.92	19.5	2.53	1.6	0.52	7.9
40097608	0.01	0.01	0.04	0.04	121.0	20.5	500	0.19	2.74	1.63	1.11	20.2	2.99	2.3	0.63	9.2

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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To: RIO TINTO EXPLORATION CANADA INC.
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 VANCOUVER BC V6C 1S4

Page: 2 - C
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

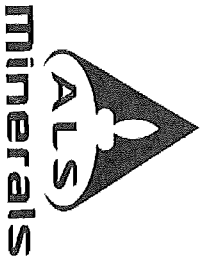
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nd ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Tm ppm	Ti ppm	Tm ppm	U ppm	V ppm					
40097077	0.35	10.5	24.6	5.96	30.0	5.08	2	348	0.6	0.83	4.67	<0.5	0.37	0.86	318						
40097571	0.33	8.7	17.1	3.96	9.4	4.04	1	246	0.5	0.71	1.31	<0.5	0.32	0.24	230						
40097572	0.29	8.4	15.0	3.49	8.5	3.65	1	238	0.5	0.62	1.17	<0.5	0.28	0.24	215						
40097573	0.34	8.8	16.5	3.91	9.7	3.97	1	254	0.5	0.68	1.29	<0.5	0.33	0.25	227						
40097574	0.38	10.2	19.7	4.56	10.0	4.65	1	256	0.6	0.81	1.68	<0.5	0.37	0.37	253						
40097575	0.30	7.7	14.9	3.52	8.6	3.50	1	253	0.5	0.65	1.20	<0.5	0.30	0.21	245						
40097576	0.33	9.5	18.8	4.40	10.0	4.36	1	232	0.5	0.76	1.63	<0.5	0.34	0.30	223						
40097577	0.37	10.0	19.2	4.40	10.2	4.50	1	266	0.5	0.77	1.41	<0.5	0.36	0.25	233						
40097578	0.34	9.1	17.7	4.09	10.6	4.20	1	257	0.5	0.73	1.40	<0.5	0.37	0.29	215						
40097579	0.34	10.2	19.9	4.64	10.3	4.50	1	250	0.6	0.77	1.64	<0.5	0.35	0.32	229						
40097580	0.18	4.5	12.7	3.05	16.3	2.48	1	386	0.3	0.42	2.25	<0.5	0.19	0.54	172						
40097581	0.30	8.1	15.8	3.79	9.9	3.71	1	257	0.4	0.65	1.31	<0.5	0.28	0.27	201						
40097582	0.33	8.9	16.4	3.73	9.7	3.93	1	244	0.5	0.66	1.24	<0.5	0.33	0.23	213						
40097583	0.32	8.7	16.7	3.79	10.0	4.10	1	254	0.5	0.66	1.36	<0.5	0.34	0.28	198						
40097584	0.30	8.6	16.6	3.72	9.0	3.77	1	247	0.5	0.66	1.38	<0.5	0.32	0.23	195						
40097585	0.28	8.0	15.0	3.51	8.8	3.45	1	231	0.4	0.64	1.11	<0.5	0.29	0.19	198						
40097586	0.29	7.6	14.9	3.48	7.9	3.38	1	250	0.9	0.61	1.10	<0.5	0.29	0.16	201						
40097587	0.27	8.0	15.2	3.57	8.2	3.51	1	242	0.5	0.61	1.14	<0.5	0.30	0.18	194						
40097588	0.29	8.0	15.1	3.43	7.7	3.39	1	249	0.6	0.64	0.96	<0.5	0.31	0.13	208						
40097589	0.27	7.0	14.1	3.24	6.9	3.30	1	243	0.4	0.56	1.33	<0.5	0.29	0.33	201						
40097589 CRD	0.27	6.7	14.0	3.23	6.5	3.12	1	240	0.4	0.54	1.16	<0.5	0.24	0.31	195						
40097590	0.06	1.4	3.3	0.81	3.4	0.74	1	54.9	0.1	0.13	0.56	<0.5	0.05	<0.05	8						
40097591	0.27	7.9	15.3	3.49	7.9	3.36	1	264	0.4	0.63	1.10	<0.5	0.30	0.20	198						
40097592	0.30	8.6	16.6	3.87	9.4	3.74	1	257	0.4	0.67	1.57	<0.5	0.32	0.26	210						
40097593	0.33	8.8	16.3	3.68	8.6	3.81	1	254	0.5	0.64	1.96	<0.5	0.35	0.33	209						
40097594	0.30	8.3	15.2	3.44	7.4	3.56	1	248	0.5	0.64	1.37	<0.5	0.30	0.34	203						
40097595	0.33	8.3	16.7	3.81	10.5	4.15	1	253	0.5	0.70	1.67	<0.5	0.33	0.46	218						
40097596	0.30	8.3	15.1	3.47	7.5	4.07	1	247	0.5	0.68	1.30	<0.5	0.28	0.28	208						
40097597	0.32	8.9	16.5	3.65	8.1	4.15	1	243	0.5	0.71	1.30	<0.5	0.32	0.31	208						
40097598	0.33	9.5	17.4	3.94	9.1	4.28	1	246	0.6	0.72	1.18	<0.5	0.33	0.27	217						
40097599	0.36	10.4	18.5	4.44	11.3	4.57	1	256	0.6	0.76	1.37	<0.5	0.37	0.39	231						
40097600	0.40	10.9	20.1	4.65	11.1	5.00	1	256	0.6	0.86	1.56	<0.5	0.39	0.40	244						
40097601	0.36	10.6	19.4	4.44	10.1	4.97	1	239	0.6	0.84	1.34	<0.5	0.39	0.39	239						
40097602	0.34	9.9	19.5	4.16	10.5	4.84	1	244	0.5	0.81	2.00	<0.5	0.37	0.53	229						
40097603	0.30	9.4	17.3	3.75	9.0	4.27	1	236	0.5	0.70	1.42	<0.5	0.32	0.34	220						
40097604	0.28	8.4	16.0	3.68	10.2	3.89	1	270	0.5	0.67	1.28	<0.5	0.30	0.35	184						
40097605	0.20	5.7	10.7	2.36	5.2	2.69	1	287	0.3	0.45	0.79	<0.5	0.21	0.21	130						
40097606	0.16	4.5	8.7	2.01	4.1	2.00	1	271	0.3	0.36	0.60	<0.5	0.16	0.17	105						
40097607	0.18	5.3	9.6	2.26	4.3	2.50	1	272	0.3	0.42	0.74	<0.5	0.19	0.19	120						
40097608	0.21	6.0	11.5	2.65	5.5	2.99	1	288	0.3	0.46	0.85	<0.5	0.21	0.22	133						

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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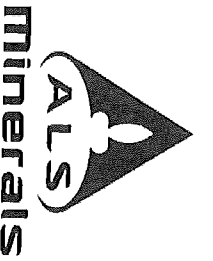
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 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

Project: EB80001745
CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	OA-GRAD5 LOI % 0.01	TOT-ICP06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5
40097077		2	25.5	2.28	143	0.3	0.02	0.012	<0.05	0.8	<0.01	1.47	100.79	<0.5	<5	<0.5
40097571		2	22.6	2.10	104	0.5	0.01	0.006	<0.05	0.8	<0.01	0.93	98.11	<0.5	6	<0.5
40097572		2	20.4	1.91	99	0.5	0.01	<0.005	<0.05	0.5	0.01	0.69	99.83	<0.5	<5	<0.5
40097573		1	22.4	2.04	109	0.3	0.01	<0.005	<0.05	0.9	0.01	0.84	100.50	<0.5	<5	<0.5
40097574		1	25.9	2.28	129	0.2	0.01	<0.005	<0.05	0.8	0.01	0.90	101.81	<0.5	<5	<0.5
40097575		1	21.1	1.94	92	0.2	0.01	<0.005	<0.05	0.5	0.01	0.89	101.46	<0.5	<5	<0.5
40097576		1	24.6	2.29	118	0.3	0.01	<0.005	<0.05	0.7	<0.01	1.37	99.65	<0.5	<5	<0.5
40097577		3	25.3	2.44	125	0.2	0.01	<0.005	<0.05	0.9	0.01	1.08	100.23	<0.5	<5	<0.5
40097578		3	23.6	2.22	115	0.3	0.01	<0.005	<0.05	0.7	<0.01	0.90	100.04	<0.5	<5	<0.5
40097579		2	25.0	2.23	129	0.1	0.01	<0.005	<0.05	0.8	0.01	0.85	100.46	<0.5	<5	0.5
40097580		1	13.1	1.22	68	0.1	0.02	<0.005	<0.05	0.6	0.01	1.46	101.58	<0.5	<5	<0.5
40097581		2	21.5	2.13	105	0.4	0.01	<0.005	<0.05	0.9	0.01	0.67	101.27	<0.5	<5	<0.5
40097582		1	22.1	2.13	110	0.3	0.01	<0.005	<0.05	0.8	0.02	0.79	99.48	<0.5	<5	<0.5
40097583		2	22.2	1.98	110	0.2	0.01	<0.005	<0.05	0.6	<0.01	0.81	99.01	<0.5	<5	<0.5
40097584		2	21.6	1.90	106	0.5	0.01	<0.005	<0.05	0.6	0.01	0.68	99.39	<0.5	<5	<0.5
40097585		2	20.2	1.90	106	0.3	0.01	<0.005	<0.05	0.8	0.01	0.64	100.53	<0.5	<5	<0.5
40097586		2	20.0	1.84	104	0.1	0.01	<0.005	<0.05	0.6	0.01	0.63	100.18	<0.5	<5	<0.5
40097587		1	20.4	1.86	101	0.4	0.01	<0.005	<0.05	0.7	<0.01	0.59	98.82	<0.5	<5	<0.5
40097588		1	19.9	1.91	89	0.4	0.02	<0.005	<0.05	0.7	<0.01	1.07	99.96	<0.5	<5	<0.5
40097589		2	18.2	1.68	88	1.8	0.02	<0.005	0.05	0.7	0.02	1.28	99.19	<0.5	<5	<0.5
40097589 CRD		5	17.6	1.69	88	1.1	0.02	<0.005	0.06	0.6	0.02	1.09	100.06	<0.5	<5	<0.5
40097590		2	4.2	0.39	19	1.9	0.10	0.024	0.51	1.2	0.16	10.70	100.01	1.1	<5	1.0
40097591		1	20.0	1.96	107	0.8	0.01	<0.005	<0.05	0.8	0.01	0.66	98.48	<0.5	<5	<0.5
40097592		1	22.0	1.98	106	0.2	0.01	<0.005	<0.05	0.7	0.02	0.89	99.74	<0.5	<5	<0.5
40097593		<1	22.2	2.48	114	0.6	0.01	<0.005	<0.05	0.7	0.02	1.36	99.48	<0.5	<5	<0.5
40097594		<1	20.8	2.17	120	0.3	0.01	<0.005	<0.05	0.8	0.01	0.99	99.50	<0.5	<5	<0.5
40097595		<1	21.7	2.31	120	1.8	0.02	<0.005	0.06	0.8	0.01	1.41	99.25	<0.5	<5	<0.5
40097596		<1	20.8	2.10	109	0.4	0.01	<0.005	<0.05	0.8	0.01	0.95	100.29	<0.5	<5	<0.5
40097597		<1	22.4	2.27	121	0.2	0.01	<0.005	<0.05	0.8	0.01	1.06	98.10	<0.5	<5	<0.5
40097598		<1	23.1	2.29	125	0.6	0.01	<0.005	<0.05	0.8	0.01	0.93	98.54	<0.5	<5	<0.5
40097599		<1	26.0	2.66	141	0.4	0.01	<0.005	<0.05	0.7	0.01	1.03	99.32	<0.5	<5	<0.5
40097600		<1	26.8	2.73	140	0.5	0.02	<0.005	<0.05	0.8	0.01	0.98	100.50	<0.5	<5	<0.5
40097601		2	26.0	2.53	157	0.3	0.01	<0.005	<0.05	0.7	0.01	1.10	99.71	<0.5	5	<0.5
40097602		1	24.8	2.57	141	0.3	0.01	<0.005	<0.05	0.7	0.01	1.01	100.52	<0.5	<5	<0.5
40097603		1	22.9	2.42	128	0.3	0.01	<0.005	<0.05	0.7	0.02	0.92	99.41	<0.5	7	<0.5
40097604		1	20.6	1.96	126	0.3	0.01	<0.005	<0.05	0.6	0.02	1.65	99.96	<0.5	<5	<0.5
40097605		<1	14.0	1.40	73	1.0	0.01	<0.005	<0.05	0.5	0.01	1.15	100.02	<0.5	<5	0.5
40097606		<1	11.3	1.25	55	1.1	0.01	<0.005	<0.05	0.5	0.01	0.89	99.50	<0.5	<5	<0.5
40097607		<1	12.8	1.33	68	0.3	0.01	0.005	<0.05	0.5	<0.01	1.34	99.28	<0.5	<5	<0.5
40097608		<1	15.1	1.53	91	0.1	0.01	0.006	<0.05	0.8	<0.01	1.12	98.22	<0.5	<5	<0.5

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



ALS Canada Ltd.
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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001745

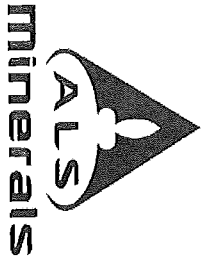
CERTIFICATE OF ANALYSIS TB14122412

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 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097077		42	28	10	<1	35	6	27	116	<0.001	<0.0005	<0.001
40097571		56	167	10	1	219	<2	24	108	0.002	0.0041	0.006
40097572		54	177	10	<1	202	<2	24	101	<0.001	0.0041	0.005
40097573		51	157	10	<1	192	<2	22	102	0.002	0.0044	0.007
40097574		53	163	10	<1	193	<2	23	112	<0.001	0.0089	0.012
40097575		56	191	10	<1	166	<2	24	107	0.002	0.0053	0.008
40097576		55	144	10	<1	205	<2	21	107	0.002	0.0094	0.014
40097577		57	136	10	<1	219	<2	22	108	0.002	0.0048	0.006
40097578		57	151	10	<1	229	<2	22	107	0.002	0.0069	0.010
40097579		54	160	<10	<1	197	<2	22	107	0.002	0.0044	0.007
40097580		37	61	<10	<1	83	<2	21	57	0.001	<0.0005	0.001
40097581		62	188	<10	<1	264	3	21	111	0.003	0.0045	0.006
40097582		65	152	<10	<1	314	2	23	112	0.003	0.0057	0.009
40097583		59	128	<10	<1	269	2	21	88	0.002	0.0059	0.009
40097584		63	137	<10	<1	307	<2	22	100	0.003	0.0051	0.007
40097585		69	155	<10	<1	357	<2	24	106	0.003	0.0058	0.008
40097586		62	150	<10	<1	296	<2	23	98	0.003	0.0056	0.008
40097587		63	156	<10	<1	313	2	20	103	0.003	0.0062	0.009
40097588		60	164	<10	<1	266	<2	24	97	0.003	0.0057	0.008
40097589		61	195	<10	<1	300	<2	25	98	0.004	0.0069	0.014
40097589 CRD												
40097589		62	195	<10	<1	303	<2	25	100	0.004	0.0064	0.011
40097590		144	571	<10	1	1965	56	10	204	0.017	0.0056	0.005
40097591		55	162	<10	<1	257	<2	22	97	0.003	0.0058	0.010
40097592		53	163	<10	<1	229	<2	25	97	0.003	0.0056	0.008
40097593		52	166	<10	<1	219	<2	24	95	0.003	0.0060	0.009
40097594		52	179	10	<1	226	2	25	96	0.003	0.0061	0.009
40097595		54	194	10	<1	244	<2	24	97	0.003	0.0065	0.011
40097596		59	187	<10	<1	260	<2	26	103	0.004	0.0071	0.011
40097597		57	182	<10	<1	271	<2	24	101	0.003	0.0057	0.008
40097598		54	172	<10	<1	299	<2	25	100	0.003	0.0054	0.008
40097599		51	180	10	1	215	2	21	102	0.003	0.0059	0.007
40097600		51	177	10	1	215	4	18	102	0.003	0.0059	0.008
40097601		54	173	10	1	226	4	22	109	0.003	0.0048	0.006
40097602		52	200	10	<1	198	6	25	105	0.003	0.0063	0.008
40097603		57	194	10	1	237	4	26	107	0.003	0.0057	0.009
40097604		52	149	10	<1	286	3	17	90	0.003	0.0056	0.021
40097605		52	117	<10	1	323	<2	10	77	0.003	0.0071	0.013
40097606		57	107	10	1	343	3	9	75	0.002	0.0041	0.010
40097607		57	108	10	1	309	2	8	77	0.002	0.0042	0.010
40097608		53	140	10	<1	331	6	10	82	0.003	0.0080	0.018

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



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TO: RIO TINTO EXPLORATION CANADA INC.
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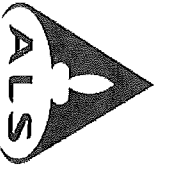
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40097609		11.72	0.02	0.01	45.5	19.35	9.36	10.30	1.99	10.55	0.23	0.08	0.72	0.12	0.10	0.03
40097609 CRD		<0.02			45.2	19.00	9.53	10.20	1.96	10.70	0.24	0.09	0.76	0.12	0.11	0.03
40097610		0.22			54.7	14.65	8.22	3.10	3.10	5.86	1.04	0.01	0.96	0.14	0.20	0.04
40097611		11.89			45.5	18.80	10.95	10.05	2.13	9.89	0.32	0.75	1.11	0.14	0.14	0.03
40097612		11.43			46.8	17.90	10.95	10.40	2.20	9.60	0.30	0.09	1.25	0.14	0.13	0.03
40097613		7.92			47.4	18.35	11.10	10.45	2.31	8.98	0.32	0.09	1.30	0.15	0.16	0.03
40097614		8.15			46.4	18.75	11.25	9.93	2.34	8.79	0.31	0.56	1.22	0.14	0.14	0.03
40097646		11.90			52.2	17.75	10.80	7.59	3.58	2.70	1.91	<0.01	2.27	0.14	0.36	0.10
40097647		12.30			52.6	18.55	9.81	7.57	3.57	2.50	2.40	<0.01	2.09	0.13	0.31	0.11
40097648		11.82	70.2	87.5	52.6	19.25	9.19	6.95	3.82	2.69	2.44	<0.01	1.95	0.12	0.32	0.11
40097649		11.38			50.1	18.50	10.20	6.62	3.88	2.68	2.37	<0.01	2.20	0.14	0.32	0.11
40097650		0.16			37.0	3.17	13.55	2.07	0.23	32.4	0.11	0.61	0.27	0.16	0.06	<0.01
40097651		12.71			49.7	17.85	13.15	7.19	3.88	2.25	2.45	<0.01	2.17	0.14	0.33	0.10
40097652		11.97			49.7	18.05	10.55	7.00	3.70	2.46	2.56	<0.01	2.19	0.13	0.34	0.10
40097653		11.48			51.8	18.15	10.55	6.10	3.26	2.93	3.30	<0.01	2.12	0.14	0.34	0.09
40097654		2.66			53.2	18.05	9.81	5.42	3.42	2.69	3.48	<0.01	1.72	0.13	0.44	0.07
40097655		13.42			49.3	12.45	16.30	5.21	2.61	4.47	2.47	<0.01	3.08	0.23	0.76	0.05
40097656		13.02			47.4	11.65	18.05	7.61	2.89	4.53	1.08	<0.01	3.93	0.24	0.54	0.05
40097657		7.90			49.7	14.55	14.30	6.14	2.81	3.72	2.71	0.01	3.24	0.19	0.41	0.11
40097658		12.18			50.4	16.10	12.65	6.16	3.03	3.24	2.94	<0.01	2.88	0.17	0.36	0.12
40097659		5.46			49.8	15.85	12.80	6.64	2.90	3.26	2.88	<0.01	2.99	0.17	0.36	0.11
40097660		5.35			49.7	16.10	12.75	6.37	2.93	3.26	3.03	<0.01	2.94	0.17	0.34	0.12
40097660 CRD		<0.02			49.9	16.00	12.75	6.65	2.90	3.24	2.96	<0.01	2.98	0.17	0.36	0.11
40097661		11.95			50.6	16.65	11.35	7.01	3.14	2.72	3.17	<0.01	2.56	0.14	0.31	0.11
40097662		12.14			50.7	15.80	12.10	7.33	2.95	2.88	3.11	<0.01	2.46	0.15	0.35	0.10
40097663		11.81			50.1	15.85	12.85	7.65	3.04	2.96	2.88	<0.01	2.90	0.17	0.38	0.10
40097664		12.62			49.8	16.15	12.95	6.96	3.23	2.86	2.38	<0.01	3.01	0.15	0.38	0.12
40097665		11.74			49.4	16.10	13.15	6.67	3.17	2.89	2.56	<0.01	2.98	0.15	0.39	0.12
40097666		12.74			49.1	15.00	14.25	6.02	2.95	3.59	2.61	<0.01	3.16	0.18	0.41	0.09
40097667		11.87			48.7	14.70	14.80	6.07	2.97	3.80	2.72	<0.01	3.20	0.19	0.44	0.09
40097668		12.35			47.7	14.00	14.40	5.95	3.06	3.71	2.28	<0.01	3.16	0.21	0.42	0.08
40097669		12.21			48.3	14.40	15.75	7.22	3.01	4.04	1.54	<0.01	3.42	0.20	0.49	0.07
40097670		0.31			51.7	15.35	9.54	9.28	2.54	7.24	0.80	0.02	0.96	0.13	0.10	0.05
40097671		5.26			49.0	15.55	15.60	7.74	3.31	2.90	1.25	<0.01	3.28	0.19	0.07	0.08
40097672		7.78			47.1	14.80	17.30	8.22	3.16	3.27	0.80	<0.01	3.82	0.20	0.06	0.07
40097673		6.46			46.0	14.60	14.40	8.39	3.00	4.04	0.74	0.01	4.60	0.19	0.06	0.07
40097674		6.22			48.5	16.45	13.00	7.78	3.04	4.24	1.60	0.01	4.52	0.14	0.07	0.09
40097675		5.28			46.4	16.20	13.20	7.04	2.69	5.60	1.40	0.01	4.87	0.14	0.09	0.07
40097676		6.94			49.2	15.75	13.60	5.89	2.15	6.72	1.37	0.04	1.03	0.13	0.10	0.04
40097677		6.06			51.2	16.05	12.75	6.45	2.22	6.43	1.26	0.04	1.75	0.13	0.16	0.03

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



minerals

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TO: RIO TINTO EXPLORATION CANADA INC.
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Total # Pages: 6 (A - E)
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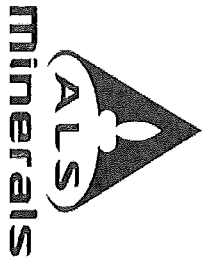
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097609		0.01	0.01	0.08	96.6	14.7	630	0.19	2.00	1.11	0.80	18.0	2.21	1.5	0.42	6.6
40097609 CRD		0.01	0.01	0.08	98.8	15.0	720	0.26	2.22	1.20	0.83	18.7	2.23	1.6	0.45	6.8
40097610		0.05	0.13	0.07	423	43.5	70	0.71	4.17	2.33	1.57	20.6	4.77	3.7	0.85	21.2
40097611		0.01	0.01	0.05	120.5	19.5	5570	0.60	2.89	1.52	1.08	22.6	2.95	2.0	0.58	8.8
40097612		0.01	0.01	0.06	119.5	19.1	700	0.43	2.84	1.65	1.16	20.1	3.08	2.1	0.61	8.4
40097613		0.01	0.01	0.05	127.0	20.1	680	0.32	2.95	1.82	1.13	19.8	3.11	2.3	0.62	9.0
40097614		0.01	0.01	0.05	122.5	20.7	4210	0.64	2.81	1.63	1.07	21.7	3.19	2.4	0.62	9.4
40097646		0.02	0.02	0.02	389	48.9	10	1.99	4.70	2.56	2.22	25.8	5.91	3.6	0.96	20.8
40097647		0.05	0.02	0.02	465	46.8	10	1.60	4.45	2.45	2.21	26.7	5.86	4.4	0.97	20.3
40097648		0.05	0.02	0.01	430	42.7	10	1.72	4.03	2.12	1.98	25.6	5.14	3.8	0.86	18.6
40097649		0.05	0.02	0.02	394	46.7	10	1.90	4.69	2.36	2.22	25.9	5.66	4.0	0.94	20.4
40097650		0.08	0.22	0.39	698	6.9	4520	0.15	0.80	0.40	0.24	5.4	0.75	0.6	0.17	3.3
40097651		0.04	0.02	0.01	380	49.8	10	1.88	4.73	2.43	2.19	25.6	5.98	4.4	0.94	22.0
40097652		0.07	0.01	0.02	635	49.4	10	2.40	4.56	2.52	2.15	26.1	5.60	3.9	0.93	21.6
40097653		0.22	0.04	0.02	2060	50.7	10	4.00	4.75	2.52	2.17	26.8	5.88	4.4	1.00	22.3
40097654		0.22	0.02	0.02	2040	68.6	10	3.25	5.28	2.81	2.63	26.2	6.76	5.2	1.11	31.1
40097655		0.22	0.03	0.05	2020	93.7	<10	2.81	8.78	4.60	2.82	24.4	11.20	6.9	1.77	40.8
40097656		0.08	0.02	0.03	684	74.7	<10	2.92	7.56	4.00	3.03	28.7	9.62	6.4	1.61	31.4
40097657		0.13	0.01	0.04	1205	58.4	50	1.54	6.12	3.25	2.25	22.6	7.04	5.1	1.20	26.2
40097658		0.10	0.11	0.03	873	52.5	10	1.24	5.73	2.90	2.55	23.1	6.72	5.1	1.10	23.0
40097659		0.07	0.01	0.04	626	49.4	10	1.14	5.43	2.80	2.16	22.1	6.24	4.6	1.10	21.3
40097660		0.07	0.02	0.04	667	51.4	10	1.22	5.59	2.80	2.22	23.2	6.31	5.0	1.03	22.2
40097660 CRD		0.07	0.01	0.03	656	51.4	10	1.15	5.61	2.94	2.18	23.1	6.77	4.7	1.08	22.3
40097661		0.05	0.01	0.03	465	51.0	10	1.07	5.46	2.80	2.24	24.4	6.52	4.7	1.06	22.4
40097662		0.05	0.02	0.03	455	55.9	10	0.94	6.13	3.19	2.52	23.2	7.21	4.4	1.20	22.4
40097663		0.05	0.01	0.03	454	54.6	10	1.34	5.61	2.83	2.27	23.0	6.64	4.2	1.11	24.2
40097664		0.04	0.01	0.02	409	55.4	10	2.47	5.71	2.95	2.36	24.2	6.74	4.8	1.09	24.6
40097665		0.05	0.01	0.02	494	55.7	10	2.06	5.80	2.40	2.40	24.0	6.64	4.2	1.14	24.3
40097666		0.08	0.02	0.02	788	60.8	10	2.08	6.48	3.33	2.65	23.9	7.15	4.8	1.24	27.2
40097667		0.08	0.02	0.04	738	63.3	10	2.21	6.39	3.21	2.53	23.3	7.62	5.3	1.23	28.4
40097668		0.10	0.01	0.03	834	61.1	10	2.06	6.30	3.15	2.22	23.1	7.24	4.7	1.17	27.4
40097669		0.07	0.01	0.04	643	50.0	20	2.65	5.80	3.24	2.27	24.2	6.83	3.6	1.19	22.6
40097670		0.03	0.12	0.10	324	29.0	180	0.84	2.85	1.51	1.05	17.7	2.98	2.3	0.61	14.5
40097671		0.05	0.01	0.07	490	25.3	20	2.88	2.97	1.69	1.69	21.9	3.30	1.9	0.64	12.2
40097672		0.03	0.01	0.17	251	16.5	20	2.52	2.55	1.40	1.70	21.0	2.60	1.5	0.52	7.5
40097673		0.02	0.01	0.09	198.5	15.0	70	1.50	2.09	1.19	1.33	19.9	2.55	1.4	0.45	7.0
40097674		0.04	<0.01	0.15	340	23.1	60	1.89	2.97	1.66	1.19	20.4	3.02	2.3	0.61	10.8
40097675		0.03	0.05	0.28	263	22.2	110	2.12	2.60	1.48	1.08	19.0	2.74	2.3	0.54	10.7
40097676		0.02	0.06	1.29	219	29.7	340	3.92	3.03	1.86	1.63	19.6	2.89	2.3	0.63	14.5
40097677		0.02	0.06	0.35	254	41.8	390	4.47	4.76	2.76	1.81	24.4	4.90	3.4	1.03	20.0

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

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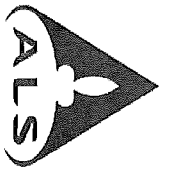
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Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pt ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm				
40097609		0.17	4.3	8.5	1.96	4.1	2.17	275	0.2	0.34	0.58	<0.5	0.15	0.16	98					
40097609 CRD		0.15	4.5	8.8	2.00	4.4	2.24	277	0.3	0.35	0.62	<0.5	0.16	0.16	102					
40097610		0.29	8.0	21.5	5.27	22.9	4.89	383	0.5	0.75	4.54	<0.5	0.31	0.80	208					
40097611		0.20	5.7	11.5	2.53	6.7	2.78	261	0.3	0.46	0.81	<0.5	0.21	0.23	83					
40097612		0.24	6.1	11.4	2.54	6.1	2.88	272	0.3	0.49	0.79	<0.5	0.25	0.21	170					
40097613		0.26	6.5	12.0	2.61	6.5	3.21	264	0.4	0.51	0.77	<0.5	0.21	0.21	173					
40097614		0.21	6.3	11.8	2.77	6.4	3.04	271	0.4	0.50	0.85	<0.5	0.25	0.25	155					
40097646		0.33	17.1	28.6	6.76	58.4	6.31	913	1.0	0.84	2.57	<0.5	0.32	0.72	213					
40097647		0.34	15.4	27.3	6.08	80.7	6.05	913	1.0	0.85	2.46	<0.5	0.36	0.75	202					
40097648		0.24	14.2	24.6	5.76	83.4	5.40	882	0.9	0.76	2.14	<0.5	0.29	0.68	173					
40097649		0.31	15.0	27.4	6.17	81.7	6.49	924	0.9	0.77	2.18	<0.5	0.30	0.66	185					
40097650		0.07	1.4	3.5	0.90	3.2	0.97	56.2	0.1	0.14	0.49	<0.5	0.05	0.17	<5					
40097651		0.29	16.6	28.8	6.59	89.2	6.64	848	1.0	0.86	2.37	<0.5	0.33	0.72	196					
40097652		0.30	16.3	27.9	6.66	93.9	6.45	837	1.0	0.81	2.42	<0.5	0.32	0.67	196					
40097653		0.31	16.9	28.9	6.71	120.0	6.53	820	1.0	0.82	2.41	<0.5	0.33	0.73	195					
40097654		0.35	16.8	37.3	8.88	117.0	8.19	592	1.0	0.93	2.82	<0.5	0.39	1.03	111					
40097655		0.59	31.0	54.6	12.65	77.6	12.10	386	1.8	1.63	4.37	<0.5	0.62	1.29	193					
40097656		0.52	27.0	44.9	10.15	77.6	10.25	423	1.6	1.37	3.69	<0.5	0.52	1.06	404					
40097657		0.41	19.4	33.2	7.74	83.6	7.35	818	1.2	1.08	3.27	<0.5	0.44	0.95	306					
40097658		0.35	19.0	29.3	6.85	96.1	7.03	974	1.2	1.00	2.80	<0.5	0.43	0.83	271					
40097659		0.34	18.6	27.6	6.40	93.4	6.77	910	1.2	0.93	2.82	<0.5	0.38	0.78	267					
40097660		0.36	18.8	28.2	6.64	99.4	6.94	932	1.1	0.91	3.03	<0.5	0.38	0.81	282					
40097660 CRD		0.36	19.1	28.3	6.76	97.8	6.51	918	1.2	0.95	2.80	<0.5	0.36	0.78	264					
40097661		0.36	17.8	28.8	6.81	109.5	6.93	842	1.1	0.93	2.93	<0.5	0.41	0.79	244					
40097662		0.40	17.2	31.1	7.26	99.9	7.36	775	1.1	1.10	2.99	<0.5	0.42	0.80	245					
40097663		0.39	18.6	27.6	6.40	93.4	6.77	910	1.2	0.93	2.82	<0.5	0.38	0.78	267					
40097664		0.36	20.0	32.3	6.64	99.4	6.94	932	1.1	0.91	3.03	<0.5	0.38	0.81	282					
40097665		0.37	20.2	32.6	7.26	82.8	7.09	983	1.2	1.06	2.81	<0.5	0.43	0.73	267					
40097666		0.41	21.4	35.0	8.03	88.2	7.79	829	1.3	1.10	2.91	<0.5	0.46	0.86	288					
40097667		0.44	21.0	35.7	8.39	94.3	8.04	723	1.3	1.13	3.43	<0.5	0.46	0.97	288					
40097668		0.42	19.9	34.8	7.94	72.3	7.66	615	1.2	1.10	3.37	<0.5	0.45	1.13	284					
40097669		0.39	22.4	29.6	6.62	55.2	7.02	615	1.4	1.03	2.64	<0.5	0.47	1.37	306					
40097670		0.20	6.7	14.7	3.44	19.6	3.32	385	0.4	0.51	2.73	<0.5	0.24	0.47	221					
40097671		0.20	20.0	14.3	3.37	44.1	3.13	613	1.2	0.54	2.34	<0.5	0.24	0.98	306					
40097672		0.18	20.7	10.2	2.24	27.6	2.67	566	1.3	0.44	1.16	<0.5	0.18	0.90	285					
40097673		0.17	15.3	9.1	2.04	23.7	2.36	577	1.1	0.38	1.00	<0.5	0.17	0.60	663					
40097674		0.23	9.8	13.0	2.95	53.0	3.04	693	0.8	0.49	1.91	<0.5	0.23	0.95	459					
40097675		0.23	9.5	12.1	2.88	46.7	2.84	537	0.7	0.43	1.83	<0.5	0.24	1.07	623					
40097676		0.29	6.3	15.2	3.68	52.6	3.29	292	0.4	0.48	2.50	0.7	0.29	1.37	261					
40097677		0.42	10.9	22.6	5.36	52.8	5.06	287	0.6	0.83	3.12	<0.5	0.43	2.01	335					

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***



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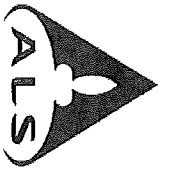
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	DA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097609	<1	10.8	1.19	57	0.3	0.3	0.03	0.009	<0.05	0.7	0.02	2.10	100.44	<0.5	<5	<0.5
40097609 CRD	2	11.4	1.20	65	0.3	0.03	0.03	0.009	<0.05	0.4	<0.01	1.93	99.88	<0.5	<5	<0.5
40097610	1	21.5	2.14	140	0.1	0.02	0.010	0.010	<0.05	0.8	<0.01	2.16	100.71	<0.5	<5	<0.5
40097611	40	14.9	1.51	78	0.2	0.015	0.015	0.015	<0.05	0.8	<0.01	1.35	101.17	<0.5	<5	<0.5
40097612	<1	15.2	1.61	79	0.3	0.01	0.017	0.017	<0.05	0.6	0.01	0.95	100.75	<0.5	7	0.6
40097613	<1	16.1	1.54	88	0.2	0.01	0.017	0.017	<0.05	0.6	0.01	1.03	101.88	<0.5	<5	0.5
40097614	<1	15.6	1.79	89	0.3	0.01	0.01	<0.005	<0.05	0.6	0.02	1.03	100.90	<0.5	<5	<0.5
40097646	<1	24.7	2.22	139	0.7	0.01	0.007	<0.005	<0.05	0.7	<0.01	1.97	101.41	<0.5	<5	<0.5
40097647	2	23.5	2.21	172	0.5	0.03	0.03	0.007	0.06	0.7	<0.01	2.13	101.82	<0.5	<5	0.6
40097648	<1	21.1	1.97	148	0.2	0.02	0.011	0.011	0.07	0.7	<0.01	2.49	101.98	<0.5	<5	<0.5
40097649	<1	23.0	2.27	157	0.3	0.02	0.012	0.012	0.07	0.7	<0.01	2.53	99.70	<0.5	<5	<0.5
40097650	<1	4.3	0.46	23	1.9	0.10	0.017	0.017	0.50	1.6	0.18	10.95	100.66	1.1	<5	1.0
40097651	1	24.3	2.22	176	0.7	0.02	0.007	0.007	0.05	1.0	<0.01	2.29	101.54	0.5	<5	<0.5
40097652	1	24.0	2.22	152	0.3	0.02	<0.005	<0.005	0.06	0.7	<0.01	2.44	99.29	<0.5	<5	<0.5
40097653	1	23.9	2.48	174	0.4	0.01	0.007	0.007	0.10	1.2	<0.01	2.68	101.68	<0.5	<5	<0.5
40097654	2	28.0	2.50	204	0.1	0.01	0.010	0.010	<0.05	1.1	<0.01	2.45	101.10	<0.5	<5	<0.5
40097655	2	44.0	4.19	271	0.3	0.04	0.017	0.017	0.13	1.3	<0.01	2.91	100.06	<0.5	<5	0.6
40097656	1	38.6	3.47	254	0.5	0.06	0.010	0.010	0.11	1.3	<0.01	1.72	99.77	<0.5	5	0.7
40097657	4	28.9	2.60	201	0.4	0.04	0.015	0.015	0.10	1.0	<0.01	1.83	99.85	<0.5	<5	<0.5
40097658	1	27.7	2.27	202	1.3	0.01	0.014	0.014	0.09	1.0	<0.01	2.19	100.34	<0.5	8	<0.5
40097659	1	26.4	2.40	181	2.4	0.01	0.012	0.012	0.10	1.1	<0.01	1.83	99.66	<0.5	5	0.7
40097660	1	26.8	2.32	202	1.9	0.01	0.006	0.006	0.10	0.9	0.01	1.73	99.51	<0.5	5	0.7
40097660 CRD	2	27.0	2.37	187	2.2	0.01	0.011	0.011	0.10	0.8	<0.01	1.87	99.96	<0.5	<5	<0.5
40097661	1	26.7	2.47	184	2.6	0.01	0.011	0.011	0.09	1.0	<0.01	1.72	99.53	<0.5	6	<0.5
40097662	1	29.2	2.49	154	0.6	0.01	0.010	0.010	0.08	1.3	<0.01	1.74	99.72	<0.5	<5	0.7
40097663	3	27.4	2.47	163	0.4	0.01	0.005	0.005	0.07	0.8	<0.01	2.05	101.07	<0.5	5	<0.5
40097664	3	27.1	2.41	189	0.3	0.01	0.010	0.010	0.06	0.9	<0.01	2.16	100.19	<0.5	<5	<0.5
40097665	2	27.4	2.35	174	0.3	0.03	0.007	0.007	0.06	1.1	<0.01	1.98	99.71	<0.5	<5	<0.5
40097666	2	29.9	2.74	191	0.5	0.04	0.008	0.008	0.09	1.1	<0.01	2.31	99.76	<0.5	<5	<0.5
40097667	5	30.7	2.72	213	0.4	0.04	<0.005	<0.005	0.09	1.0	0.01	2.38	100.14	<0.5	<5	<0.5
40097668	4	29.7	2.61	188	0.2	0.04	0.013	0.013	0.10	0.9	<0.01	2.25	97.32	<0.5	<5	0.7
40097669	2	29.7	2.57	137	0.5	0.05	0.005	0.005	0.08	0.8	0.01	1.50	99.46	<0.5	<5	<0.5
40097670	1	14.3	1.38	92	0.6	0.01	0.005	0.005	<0.05	0.9	<0.01	1.71	99.45	<0.5	<5	<0.5
40097671	3	14.9	1.52	67	1.1	0.02	<0.005	<0.005	0.07	0.4	<0.01	0.74	99.76	<0.5	<5	<0.5
40097672	3	11.8	1.04	49	1.2	0.03	0.006	0.006	0.09	0.3	<0.01	0.25	99.08	<0.5	<5	<0.5
40097673	1	10.9	1.01	48	0.7	0.01	<0.005	<0.005	0.06	<0.2	<0.01	0.11	99.43	<0.5	<5	<0.5
40097674	2	14.7	1.45	87	3.3	0.06	<0.005	<0.005	0.14	0.3	0.02	0.89	100.37	<0.5	5	<0.5
40097675	2	13.4	1.32	91	4.7	0.16	<0.005	<0.005	0.16	0.4	0.04	1.12	98.86	<0.5	<5	<0.5
40097676	1	16.1	1.74	87	5.8	0.09	<0.005	<0.005	0.19	2.0	0.05	1.98	98.02	0.5	7	<0.5
40097677	2	24.9	2.57	127	3.4	0.03	<0.005	<0.005	0.12	0.7	0.01	1.60	100.09	<0.5	5	<0.5

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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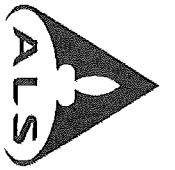
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097609		66	200	<10	1	412	4	7	78	0.003	0.0056	0.019
40097609 CRD		68	256	<10	<1	445	5	7	80	0.003	0.0070	0.026
40097610		39	69	10	1	57	8	25	81	0.001	<0.0005	<0.001
40097611		63	172	10	<1	460	<2	15	103	0.003	0.0110	0.026
40097612		57	154	10	<1	383	2	16	97	0.003	0.0066	0.011
40097613		53	151	10	1	306	5	18	102	0.003	0.0062	0.009
40097614		57	153	10	1	308	4	14	100	0.004	0.0111	0.033
40097646		31	250	40	2	26	8	17	129	0.004	0.0031	0.007
40097647		28	234	40	<1	24	7	16	101	0.003	0.0027	0.008
40097648		27	206	40	2	20	4	14	90	0.003	0.0049	0.008
40097649		25	188	40	1	21	3	15	95	0.003	0.0027	0.007
40097650		142	593	<10	2	1895	60	10	210	0.015	0.0069	0.004
40097651		29	225	30	1	26	7	16	92	0.003	0.0026	0.007
40097652		30	229	30	1	23	<2	16	89	0.003	0.0026	0.007
40097653		29	228	40	2	20	<2	14	89	0.002	0.0029	0.007
40097654		24	96	40	1	11	4	12	75	0.001	0.0023	0.006
40097655		39	329	40	1	16	8	26	147	0.003	0.0022	0.001
40097656		48	360	30	1	42	13	31	164	0.006	0.0036	0.010
40097657		41	327	30	2	36	8	26	121	0.007	0.0040	0.009
40097658		37	295	40	2	31	7	23	131	0.005	0.0057	0.015
40097659		35	227	30	1	35	11	21	170	0.003	0.0072	0.027
40097660		33	191	30	2	30	6	20	170	0.002	0.0059	0.023
40097660 CRD		35	202	30	2	30	10	21	176	0.003	0.0067	0.027
40097661		33	201	30	2	30	13	20	137	0.002	0.0030	0.008
40097662		33	233	20	2	28	7	23	143	0.004	0.0027	0.006
40097663		36	307	30	<1	35	5	21	210	0.006	0.0030	0.007
40097664		38	166	40	<1	36	2	20	101	0.003	0.0033	0.008
40097665		37	196	30	<1	36	4	17	103	0.006	0.0034	0.009
40097666		40	250	30	<1	43	<2	22	109	0.005	0.0041	0.010
40097667		41	312	30	<1	38	7	24	121	0.005	0.0039	0.009
40097668		40	253	30	<1	39	2	24	132	0.005	0.0041	0.010
40097669		44	327	30	<1	40	5	27	142	0.006	0.0045	0.010
40097670		42	108	10	<1	86	4	24	78	0.001	<0.0005	<0.001
40097671		40	297	30	<1	38	6	24	179	0.005	0.0042	0.010
40097672		48	443	20	<1	61	8	27	215	0.006	0.0049	0.013
40097673		57	274	20	<1	70	7	31	162	0.007	0.0069	0.020
40097674		60	460	30	<1	215	7	31	112	0.012	0.0118	0.053
40097675		76	1035	40	<1	460	11	28	128	0.023	0.0330	0.115
40097676		120	1685	70	4	717	15	28	205	0.009	0.0116	0.025
40097677		34	89	60	1	80	4	34	199	0.003	0.0030	0.005

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

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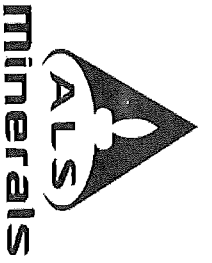
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 Finalized Date: 8-SEP-2014
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Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097678		5.60	0.02	0.01	48.5	16.30	15.15	6.53	2.00	7.46	1.06	0.05	1.02	0.14	0.09	0.03
40097679		6.23			50.2	16.90	11.80	7.36	2.07	7.38	0.93	0.04	1.32	0.13	0.12	0.03
40097680		0.11			38.6	5.80	16.20	3.90	0.70	23.7	0.30	0.27	0.44	0.16	0.05	0.01
40097681		6.48			49.8	16.30	12.35	8.13	2.20	7.86	0.63	0.06	1.25	0.14	0.11	0.03
40097681 CRD		<0.02			49.5	16.30	12.10	8.49	2.15	7.74	0.68	0.06	1.23	0.15	0.11	0.03
40097682		6.24			48.2	15.55	14.60	8.23	2.30	7.37	0.76	0.08	1.51	0.14	0.16	0.03
40097683		5.95			43.8	16.80	15.45	8.26	1.88	8.58	0.78	0.04	1.09	0.13	0.12	0.03
40097684		6.19			42.4	17.35	14.80	9.21	1.53	9.80	0.62	0.02	0.84	0.13	0.08	0.03
40097685		6.34			44.7	18.80	12.15	9.88	1.88	10.55	0.45	0.02	0.80	0.12	0.08	0.03
40097686		6.28			45.5	19.30	10.20	10.10	2.03	9.56	0.40	0.05	1.00	0.13	0.11	0.03
40097687		5.86			46.5	19.10	11.20	10.05	2.40	7.57	0.55	0.06	1.32	0.14	0.14	0.04
40097688		6.06			46.2	18.40	10.60	10.05	2.44	7.67	0.53	0.05	1.28	0.13	0.14	0.04
40097689		2.76			46.2	19.15	10.15	9.98	2.25	8.96	0.52	0.04	1.04	0.12	0.12	0.04
40097690		3.01			45.8	19.25	10.30	10.40	2.23	9.08	0.53	0.05	1.08	0.13	0.14	0.04
40097691		5.90			45.8	19.05	10.75	10.50	2.33	8.41	0.52	0.05	1.24	0.14	0.15	0.03
40097692		6.42			46.6	18.40	11.45	10.60	2.52	7.48	0.56	0.04	1.48	0.15	0.17	0.03
40097693		11.88			46.9	18.15	12.15	10.20	2.58	8.02	0.50	0.03	1.56	0.16	0.18	0.03
40097694		12.37			46.0	19.00	10.65	10.75	2.28	8.24	0.54	0.05	1.27	0.14	0.15	0.03
40097695		12.24			46.2	18.80	10.55	10.80	2.35	7.77	0.54	0.05	1.40	0.14	0.17	0.03
40097696		12.70	75.8	89.1	47.7	18.15	11.40	10.80	2.62	6.80	0.63	0.06	1.65	0.15	0.20	0.04
40097697		12.32			45.3	19.30	10.05	11.10	2.40	7.31	0.56	0.06	1.29	0.14	0.14	0.04
40097698		12.00			52.0	15.55	8.98	11.20	2.35	8.02	0.63	0.02	0.80	0.14	0.08	0.04
40097699		12.88			45.3	16.70	11.30	10.50	2.45	8.19	0.68	0.03	1.47	0.15	0.26	0.03
40097700		0.24			47.1	20.3	9.80	10.90	2.30	7.98	0.49	0.15	1.07	0.12	0.12	0.04
40097700 CRD		<0.02			51.9	15.55	8.98	11.20	2.35	7.98	0.68	0.02	0.80	0.14	0.07	0.04
40097701		12.66			45.9	18.05	11.05	10.20	2.28	9.27	0.53	0.03	1.35	0.15	0.16	0.03
40097702		12.98			46.4	17.65	12.25	10.45	2.26	9.08	0.48	0.03	1.39	0.17	0.14	0.03
40097703		12.35			45.3	17.70	11.35	10.15	2.18	9.42	0.51	0.03	1.24	0.15	0.14	0.03
40097704		12.13			45.5	17.00	12.25	10.00	2.29	9.04	0.58	0.03	1.57	0.16	0.17	0.03
40097705		12.57			46.3	17.75	11.80	9.99	2.17	9.81	0.58	0.03	1.25	0.15	0.15	0.03
40097706		12.68			45.6	17.55	11.30	10.10	2.14	9.67	0.56	0.03	1.24	0.15	0.15	0.03
40097707		12.41			46.7	17.75	11.40	10.15	2.13	10.00	0.53	0.03	1.21	0.15	0.14	0.03
40097708		12.57			45.9	16.65	11.85	9.63	2.08	11.00	0.37	0.04	1.19	0.15	0.13	0.03
40097709		12.57			44.8	16.10	11.70	9.41	2.01	11.00	0.44	0.04	1.14	0.15	0.12	0.03
40097710		0.16			37.3	3.23	14.25	2.14	0.25	32.4	0.19	0.63	0.29	0.17	0.04	<0.01
40097711		11.88			46.2	16.90	11.65	9.84	2.14	10.65	0.56	0.04	1.19	0.15	0.13	0.03
40097712		13.15			45.8	17.00	11.40	10.00	2.13	10.45	0.57	0.05	1.11	0.16	0.15	0.03
40097713		12.73			46.0	16.55	11.70	10.00	2.21	9.75	0.65	0.05	1.26	0.16	0.15	0.03
40097714		12.68			45.7	16.00	12.95	9.74	2.26	9.41	0.65	0.04	1.71	0.17	0.18	0.03
40097715		12.05			45.3	17.10	11.15	10.45	2.45	7.84	0.64	0.07	1.55	0.15	0.16	0.03

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***



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To: RIO TINTO EXPLORATION CANADA INC.
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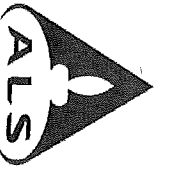
Page: 4 - B
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

Project: EB80001745
CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS1 Ba ppm 0.5	ME-MS1 Ce ppm 0.5	ME-MS1 Cr ppm 10	ME-MS1 Cs ppm 0.01	ME-MS1 Dy ppm 0.05	ME-MS1 Er ppm 0.03	ME-MS1 Eu ppm 0.03	ME-MS1 Ga ppm 0.1	ME-MS1 Gd ppm 0.05	ME-MS1 Hf ppm 0.2	ME-MS1 Ho ppm 0.01	ME-MS1 La ppm 0.5
40097678	0.02	0.06	1.72	1.52	175.5	31.2	650	1.98	4.11	2.48	1.66	19.8	4.29	2.8	0.86	14.7
40097679	0.02	0.03	0.32	1.38	200	21.1	300	2.96	2.77	1.61	1.38	18.6	2.88	1.9	0.57	9.8
40097680	0.01	0.19	2.39	0.11	1.26	15.5	170	2.29	2.09	1.17	1.13	15.5	2.15	1.5	0.45	7.3
40097681	0.02	0.07	0.62	0.05	95.2	15.5	190	1.88	2.06	1.19	0.84	16.3	2.18	1.5	0.44	7.2
40097681 CRD	0.02	0.12	0.51	0.05	116.5	18.9	360	1.78	2.61	1.51	0.94	17.1	2.89	1.8	0.55	8.6
40097682	0.02	0.08	1.52	0.05	156.5	24.8	440	1.71	3.51	2.04	1.28	19.7	3.53	2.5	0.76	11.3
40097683	0.02	0.13	1.38	0.06	134.0	26.0	360	1.59	3.53	2.06	1.15	18.7	3.71	2.4	0.76	11.5
40097684	0.01	0.03	0.04	0.03	130.5	21.8	340	2.12	2.90	1.66	1.13	17.1	3.04	2.2	0.61	10.0
40097685	0.01	0.06	0.04	0.04	135.5	22.7	400	2.44	3.32	1.92	1.23	19.2	3.34	2.7	0.65	10.2
40097686	0.02	0.06	0.05	0.05	142.0	22.9	340	1.85	3.25	1.87	1.19	18.6	3.39	2.6	0.67	10.3
40097687	0.01	0.06	0.04	0.04	134.0	26.0	360	1.59	3.53	2.06	1.15	18.7	3.71	2.4	0.76	11.5
40097688	0.01	0.03	0.04	0.03	130.5	21.8	340	2.12	2.90	1.66	1.13	17.1	3.04	2.2	0.61	10.0
40097690	0.01	0.06	0.04	0.04	135.5	22.7	400	2.44	3.32	1.92	1.23	19.2	3.34	2.7	0.65	10.2
40097691	0.02	0.06	0.05	0.05	142.0	22.9	340	1.85	3.25	1.87	1.19	18.6	3.39	2.6	0.67	10.3
40097692	0.02	0.05	0.04	0.04	160.5	28.9	320	1.76	4.16	2.34	1.45	20.6	4.21	3.3	0.83	13.1
40097693	0.02	0.05	0.06	0.06	174.0	30.9	230	1.68	4.36	2.43	1.49	21.2	4.45	3.1	0.88	14.2
40097694	0.02	0.03	0.11	0.11	140.5	30.3	390	1.85	3.72	2.09	1.34	19.4	3.87	2.7	0.75	13.5
40097695	0.02	0.03	0.05	0.05	150.0	25.8	390	1.50	3.90	2.05	1.29	19.2	3.80	2.6	0.77	11.6
40097696	0.02	0.05	0.06	0.06	161.5	31.3	440	1.79	4.64	2.63	1.43	20.3	4.63	3.5	0.93	14.0
40097697	0.02	0.05	0.05	0.05	142.5	22.6	470	1.33	3.47	2.05	1.22	19.0	3.49	2.5	0.68	10.4
40097698	0.03	0.03	0.03	0.03	125.0	20.4	1120	1.41	3.04	1.67	1.04	18.6	3.06	2.1	0.59	9.3
40097699	0.02	0.05	0.04	0.04	151.5	38.0	250	1.54	5.29	2.87	1.73	20.9	5.45	3.6	1.06	16.9
40097700	0.01	0.12	0.12	0.12	217	20.4	110	0.50	2.32	1.33	0.84	16.8	2.61	1.6	0.48	10.2
40097700 CRD	0.03	0.12	0.12	0.12	233	21.9	120	0.56	2.67	1.41	0.97	18.1	2.73	1.8	0.50	10.8
40097701	0.02	0.02	0.02	0.02	141.5	24.9	210	1.43	3.51	2.07	1.22	18.2	3.72	2.6	0.74	11.2
40097702	0.02	0.03	0.03	0.03	143.5	23.6	210	1.49	3.54	2.07	1.19	18.2	3.59	2.6	0.71	10.7
40097703	0.02	0.05	0.05	0.05	136.0	22.9	220	1.46	3.29	1.91	1.19	17.7	3.36	2.5	0.68	10.4
40097704	0.02	0.06	0.05	0.05	146.5	31.8	210	1.62	4.41	2.51	1.42	18.8	4.48	3.2	0.87	14.5
40097705	0.02	0.04	0.05	0.05	135.0	23.9	220	1.82	3.65	2.05	1.17	17.5	3.49	2.6	0.69	10.8
40097706	0.02	0.05	0.05	0.05	139.5	24.7	240	1.49	3.52	1.93	1.25	18.3	3.59	2.4	0.70	11.2
40097707	0.02	0.05	0.05	0.05	146.5	24.3	240	1.49	3.49	2.01	1.20	18.4	3.34	2.6	0.70	10.9
40097708	0.02	0.01	0.06	0.06	136.5	24.6	250	1.50	3.56	2.05	1.22	17.9	3.58	2.3	0.71	11.0
40097709	0.02	0.01	0.05	0.05	128.5	22.5	300	1.59	3.31	1.92	1.18	17.2	3.37	2.3	0.65	10.2
40097710	0.09	0.22	0.38	0.38	79.9	6.2	4510	0.23	0.82	0.49	0.28	4.8	0.87	0.6	0.14	3.1
40097711	0.02	0.01	0.05	0.05	135.0	22.1	320	1.53	3.29	1.74	1.10	17.2	3.19	2.2	0.67	9.9
40097712	0.02	0.01	0.05	0.05	131.5	21.0	380	1.52	3.11	1.86	1.14	17.3	3.19	2.0	0.64	9.4
40097713	0.02	0.01	0.05	0.05	149.0	26.7	350	1.77	4.02	2.21	1.29	18.8	3.98	2.7	0.80	12.0
40097714	0.02	0.01	0.07	0.07	165.0	30.6	320	1.86	4.82	2.61	1.41	19.4	4.70	3.1	0.95	13.7
40097715	0.02	0.02	0.05	0.05	159.0	28.9	520	1.52	4.40	2.42	1.39	20.0	4.45	3.0	0.87	12.9

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

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ALS Minerals

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To: RIO TINTO EXPLORATION CANADA INC.
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 VANCOUVER BC V6C 1S4

Project: EB80001745

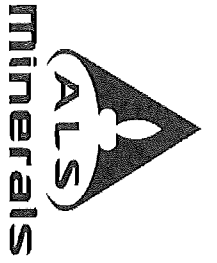
CERTIFICATE OF ANALYSIS TB14122412

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 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097678		0.29	6.0	14.5	3.50	40.2	3.11	1	284	0.4	0.49	2.25	0.24	1.38
40097679		0.32	7.3	15.3	3.66	34.6	3.59	1	278	0.4	0.59	1.89	0.33	271
40097680		0.11	2.3	5.5	1.30	6.0	1.22	2	109.0	0.1	0.21	0.83	0.11	300
40097681		0.26	6.0	12.4	2.79	20.5	2.90	1	273	0.3	0.46	1.20	0.25	84
40097681 CRD		0.27	5.8	12.9	2.93	22.0	3.16	1	279	0.3	0.49	1.23	0.56	420
40097682		0.34	8.7	17.5	4.01	27.3	4.31	1	282	0.5	0.68	1.55	0.28	407
40097683		0.22	6.0	12.1	2.76	30.4	2.93	1	260	0.4	0.46	1.06	0.34	395
40097684		0.17	4.5	8.6	2.03	20.9	2.04	2	230	0.2	0.34	0.64	0.18	203
40097685		0.16	4.5	9.2	2.04	14.7	2.02	1	274	0.2	0.33	0.62	0.17	111
40097686		0.19	5.6	10.9	2.46	13.3	2.53	1	272	0.3	0.41	0.77	0.19	112
40097687		0.29	7.4	14.5	3.25	20.0	3.47	1	302	0.4	0.59	1.15	0.21	123
40097688		0.28	7.1	16.8	3.45	18.0	3.82	1	293	0.4	0.59	1.10	0.29	175
40097689		0.23	6.0	12.3	2.75	18.0	2.91	1	292	0.3	0.49	0.92	0.22	174
40097690		0.24	6.6	13.4	3.05	21.2	3.34	1	334	0.4	0.55	1.03	0.26	138
40097691		0.25	7.0	13.4	3.10	17.9	3.22	1	306	0.4	0.55	0.97	0.26	148
40097692		0.31	8.5	16.4	3.76	18.2	4.04	1	310	0.5	0.66	1.16	0.28	156
40097693		0.34	9.3	17.9	4.20	15.4	4.29	1	312	0.5	0.72	1.16	0.33	212
40097694		0.28	13.9	17.0	3.98	16.4	4.08	1	305	0.5	0.60	1.24	0.26	207
40097695		0.29	8.5	14.8	3.47	17.4	3.75	1	303	0.5	0.64	1.01	0.31	174
40097696		0.34	9.4	18.5	4.11	23.1	4.29	1	321	0.5	0.74	1.37	0.30	188
40097697		0.27	7.3	13.6	3.11	18.2	3.21	1	307	0.4	0.56	1.03	0.32	230
40097698		0.22	6.0	11.9	2.74	16.0	2.87	1	320	0.4	0.47	0.89	0.30	180
40097699		0.39	10.7	22.2	5.05	27.6	5.30	2	279	0.6	0.91	1.49	0.25	148
40097700		0.18	4.5	10.8	2.61	13.8	2.64	1	308	0.3	0.42	1.57	0.42	183
40097700 CRD		0.19	5.0	11.6	2.74	14.9	2.79	1	380	0.3	0.44	1.37	0.19	223
40097701		0.29	7.4	14.6	3.33	17.5	3.41	1	291	0.4	0.59	1.16	0.20	239
40097702		0.26	6.9	14.0	3.15	13.0	3.45	1	291	0.4	0.60	1.03	0.26	165
40097703		0.26	7.1	13.6	2.99	17.2	3.42	1	277	0.4	0.57	1.04	0.30	185
40097704		0.35	9.3	18.0	4.18	19.6	4.53	1	294	0.6	0.76	1.26	0.26	151
40097705		0.28	7.1	14.0	3.19	18.3	3.31	1	295	0.4	0.56	1.05	0.35	203
40097706		0.29	7.0	14.5	3.19	17.4	3.61	1	287	0.4	0.58	1.05	0.28	149
40097707		0.24	7.2	14.1	3.30	17.5	3.45	1	289	0.4	0.58	0.95	0.30	152
40097708		0.27	7.1	14.1	3.29	10.6	3.41	1	276	0.4	0.58	0.93	0.29	158
40097709		0.25	6.4	13.5	3.02	11.7	3.15	1	288	0.4	0.58	0.95	0.24	158
40097710		0.06	1.4	3.4	0.84	3.6	0.83	1	52.9	0.1	0.13	0.52	0.27	160
40097711		0.26	6.1	13.0	2.92	17.3	3.26	1	277	0.3	0.53	0.52	0.06	151
40097712		0.24	6.0	12.4	2.90	19.9	3.12	1	286	0.4	0.51	0.90	0.27	17
40097713		0.30	7.4	15.6	3.55	21.1	3.73	1	286	0.5	0.65	0.86	0.28	151
40097714		0.34	9.4	18.2	4.16	19.0	4.30	1	287	0.6	0.73	1.16	0.33	159
40097715		0.34	8.6	17.3	3.98	19.6	4.46	1	298	0.5	0.74	1.39	0.37	193
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Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

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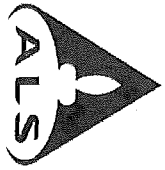
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOI-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097678		1	15.7	1.83	84	8.4	0.10	<0.005	0.16	1.2	0.04	1.80	100.15	<0.5	8	0.7
40097679		3	17.7	1.95	94	6.9	0.06	<0.005	0.28	0.8	0.02	1.23	99.53	<0.5	<5	<0.5
40097680		3	6.6	0.62	35	9.2	1.06	<0.005	0.23	11.0	2.27	8.84	98.98	2.3	11	0.5
40097681		2	15.0	1.56	79	6.1	0.05	<0.005	0.13	0.7	0.02	1.23	100.11	<0.5	<5	<0.5
40097681 CRD		1	15.3	1.61	81	7.2	0.05	<0.005	0.15	0.6	0.02	1.12	99.68	<0.5	7	<0.5
40097682		7	20.9	2.26	119	13.8	0.08	<0.005	0.17	1.1	0.03	1.94	100.89	<0.5	12	<0.5
40097683		<1	14.5	1.51	77	29.7	0.11	<0.005	0.17	1.1	0.06	3.18	100.16	<0.5	34	0.7
40097684		1	10.7	1.06	59	52.2	0.29	<0.005	0.36	1.8	0.13	4.02	100.84	<0.5	51	0.6
40097685		2	10.8	1.05	61	45.1	0.14	0.005	0.15	1.6	0.12	1.73	101.00	<0.5	40	0.5
40097686		1	13.4	1.35	74	0.6	0.02	<0.005	0.07	0.6	0.01	1.57	99.99	<0.5	<5	<0.5
40097687		1	17.9	1.78	101	0.2	0.01	<0.005	<0.05	0.7	<0.01	1.09	100.18	<0.5	<5	<0.5
40097688		1	18.2	1.85	97	0.5	0.01	<0.005	<0.05	0.6	<0.01	1.24	98.78	<0.5	<5	<0.5
40097689		1	14.9	1.50	88	0.8	0.01	<0.005	0.08	0.4	0.01	1.53	100.42	<0.5	<5	<0.5
40097690		1	17.4	1.61	105	1.1	0.01	<0.005	<0.05	0.5	<0.01	1.53	100.57	<0.5	<5	<0.5
40097691		<1	17.5	1.84	104	0.2	0.01	<0.005	<0.05	0.8	0.01	1.22	100.21	<0.5	<5	<0.5
40097692		1	21.9	2.17	132	0.5	0.01	<0.005	<0.05	0.8	0.02	1.23	100.73	<0.5	<5	<0.5
40097693		<1	23.5	2.13	118	0.3	0.01	<0.005	<0.05	0.6	0.02	0.86	101.34	<0.5	<5	<0.5
40097694		4	19.6	1.87	110	3.7	0.01	<0.005	0.08	0.6	0.02	1.45	100.57	<0.5	<5	<0.5
40097695		7	20.3	1.98	103	1.2	0.01	<0.005	<0.05	0.6	0.01	0.99	99.81	<0.5	<5	<0.5
40097696		<1	24.2	2.42	133	1.6	0.01	<0.005	<0.05	0.5	0.01	1.34	101.56	<0.5	<5	<0.5
40097697		<1	17.9	1.76	93	0.2	0.01	<0.005	<0.05	0.6	0.01	0.99	98.70	<0.5	<5	<0.5
40097698		<1	15.6	1.50	80	0.7	0.01	<0.005	<0.05	0.7	0.02	1.21	101.05	<0.5	5	<0.5
40097699		<1	28.0	2.74	144	1.1	0.01	<0.005	<0.05	1.0	<0.01	1.72	98.80	<0.5	9	<0.5
40097700		<1	12.7	1.16	56	0.1	0.01	<0.005	<0.05	0.5	<0.01	1.22	101.60	<0.5	5	<0.5
40097700 CRD		<1	13.5	1.25	65	<0.1	0.01	<0.005	<0.05	0.3	<0.01	1.13	100.87	<0.5	<5	<0.5
40097701		1	19.0	1.82	101	0.3	0.01	<0.005	<0.05	0.6	0.02	1.25	100.27	<0.5	7	<0.5
40097702		1	18.8	1.84	96	0.2	0.01	<0.005	<0.05	0.7	0.02	1.24	101.59	<0.5	<5	<0.5
40097703		<1	17.6	1.72	99	1.9	0.01	<0.005	<0.05	0.8	0.01	1.18	99.40	<0.5	5	<0.5
40097704		1	23.3	2.37	124	1.0	0.01	<0.005	<0.05	0.5	0.01	1.54	100.18	<0.5	5	<0.5
40097705		1	18.6	1.81	96	2.7	0.02	0.006	0.05	0.3	0.02	1.44	101.47	<0.5	5	<0.5
40097706		<1	18.5	1.79	92	0.4	0.01	<0.005	<0.05	0.2	0.02	3.09	101.63	<0.5	<5	0.7
40097707		<1	18.2	1.76	103	0.1	0.01	0.007	<0.05	0.4	0.03	1.47	101.71	<0.5	<5	0.5
40097708		1	18.6	1.80	98	1.7	0.01	<0.005	<0.05	0.4	0.02	0.79	99.83	<0.5	<5	<0.5
40097709		<1	17.4	1.66	88	0.5	0.01	0.008	<0.05	0.3	0.02	1.10	98.06	<0.5	<5	<0.5
40097710		<1	4.2	0.40	22	1.8	0.10	0.027	0.55	1.2	0.16	10.60	101.58	1.4	<5	0.9
40097711		<1	17.3	1.68	89	0.2	0.01	0.006	<0.05	0.5	0.02	1.25	100.75	<0.5	<5	<0.5
40097712		<1	16.9	1.66	76	0.5	0.01	0.005	<0.05	0.4	0.01	1.55	100.38	<0.5	<5	<0.5
40097713		1	21.0	2.06	107	1.2	0.01	0.007	<0.05	0.4	0.01	1.99	100.52	<0.5	<5	<0.5
40097714		<1	24.5	2.31	119	4.3	0.01	<0.005	0.06	0.8	0.01	1.32	100.18	<0.5	6	0.5
40097715		<1	23.5	2.32	118	1.5	0.01	0.006	<0.05	0.4	0.02	1.23	98.14	<0.5	<5	<0.5

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
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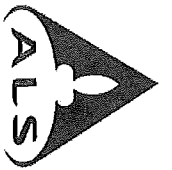
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097678		87	450	50	10	391	20	26	196	0.008	0.0084	0.020
40097679		40	146	50	<1	209	10	30	178	0.005	0.0092	0.013
40097680		204	5170	10	1	7480	19	15	80	0.187	0.413	0.249
40097681		34	162	30	3	164	5	31	123	0.004	0.0095	0.013
40097681 CRD		31	145	30	1	141	<2	31	126	0.004	0.0084	0.013
40097682		58	283	30	6	204	11	29	109	0.005	0.0048	0.016
40097683		91	387	40	5	239	11	18	117	0.006	0.0102	0.019
40097684		144	1100	50	5	930	9	11	126	0.022	0.0340	0.077
40097685		110	1070	30	<1	1030	3	12	101	0.019	0.0331	0.051
40097686		59	241	20	<1	499	3	13	95	0.005	0.0133	0.031
40097687		51	169	10	<1	242	<2	17	99	0.003	0.0076	0.010
40097688		50	149	10	<1	237	4	20	86	0.004	0.0063	0.007
40097689		53	115	10	<1	348	4	13	77	0.003	0.0053	0.007
40097690		50	129	10	<1	345	3	13	75	0.003	0.0051	0.007
40097691		50	129	10	<1	295	2	15	85	0.003	0.0056	0.009
40097692		48	164	10	<1	215	<2	21	96	0.003	0.0065	0.011
40097693		50	180	10	<1	243	3	20	102	0.004	0.0075	0.012
40097694		49	119	10	<1	295	2	15	91	0.003	0.0053	0.010
40097695		47	130	10	<1	280	<2	20	90	0.002	0.0013	0.003
40097696		43	183	10	<1	202	<2	24	92	0.004	0.0053	0.009
40097697		45	131	10	<1	221	<2	19	84	0.003	0.0077	0.013
40097698		49	121	10	<1	283	<2	14	79	0.004	0.0103	0.018
40097699		51	183	20	<1	319	15	22	108	0.003	0.0059	0.011
40097700		41	73	<10	<1	90	3	28	67	0.001	<0.0005	<0.001
40097700 CRD		39	72	<10	<1	88	<2	27	63	0.001	<0.0005	<0.001
40097701		55	133	20	<1	385	6	18	94	0.002	0.0071	0.014
40097702		56	155	20	<1	357	2	21	109	0.001	0.0011	0.001
40097703		56	147	20	<1	378	<2	17	105	0.004	0.0051	0.008
40097704		56	154	20	<1	356	5	23	104	0.002	0.0032	0.005
40097705		59	142	20	<1	407	2	18	101	0.004	0.0052	0.009
40097706		58	144	20	<1	409	5	17	126	0.003	0.0067	0.012
40097707		60	144	20	<1	417	<2	19	128	0.003	0.0065	0.012
40097708		67	169	10	<1	456	3	18	99	0.008	0.0105	0.008
40097709		66	156	20	<1	496	5	18	95	0.002	0.0059	0.010
40097710		144	577	<10	1	2010	63	10	223	0.016	0.0060	0.004
40097711		64	159	20	<1	470	<2	20	93	0.005	0.0060	0.010
40097712		61	171	30	<1	443	3	23	93	0.004	0.0065	0.011
40097713		59	183	30	<1	392	3	25	98	0.003	0.0071	0.011
40097714		59	229	20	<1	362	<2	23	122	0.004	0.0073	0.012
40097715		51	169	30	<1	251	2	28	106	0.004	0.0074	0.012

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

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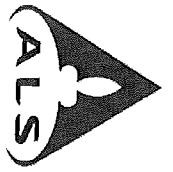
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40097716		12.30	0.02	0.01	43.7	18.10	11.15	10.05	2.09	9.29	0.54	0.18	1.29	0.15	0.16	0.04
40097717		12.17			45.8	18.55	10.70	10.30	2.07	9.93	0.52	0.07	1.11	0.14	0.13	0.03
40097718		5.93			45.4	18.15	10.95	9.89	2.23	8.87	0.58	0.11	1.13	0.14	0.12	0.03
40097719		4.88			45.9	19.75	11.15	10.00	2.43	8.36	0.66	0.63	1.14	0.14	0.12	0.04
40097720		1.85			30.8	22.1	18.10	6.75	1.58	9.59	0.34	7.76	1.73	0.18	0.11	0.02
40097720 CRD		<0.02			30.9	21.9	17.80	6.62	1.55	9.59	0.28	6.93	1.67	0.17	0.11	0.02
40097721		3.17			41.8	18.15	11.60	9.60	1.75	10.75	0.34	1.24	0.93	0.14	0.10	0.03
40097722		6.47			44.5	18.10	11.80	9.97	2.12	7.95	0.65	0.27	1.04	0.13	0.14	0.04
40097723		5.84			41.6	18.40	15.60	7.96	1.93	8.86	0.94	2.39	1.29	0.15	0.12	0.04
40097724		5.84			45.2	19.15	10.80	9.22	2.03	9.39	0.70	0.38	0.92	0.13	0.13	0.04
40097725		5.87			39.6	16.85	13.30	6.73	1.26	10.50	1.44	1.44	0.91	0.15	0.08	0.07
40097726		1.84			43.3	18.40	13.30	7.40	1.86	8.99	1.62	1.28	1.22	0.15	0.08	0.07
40097727		5.91			40.6	18.20	14.50	5.39	1.39	8.48	2.74	2.34	1.32	0.17	0.07	0.08
40097728		8.14			45.2	16.20	14.20	6.34	2.03	7.71	2.04	0.42	1.12	0.18	0.09	0.05
40097729		4.33			42.6	14.15	16.95	5.06	1.29	7.64	3.21	0.30	1.80	0.18	0.15	0.03
40097730		0.24			51.2	14.75	10.55	9.41	2.50	6.90	0.89	0.02	1.10	0.15	0.11	0.05
40097731		5.60			40.7	13.35	22.8	2.10	1.55	5.11	3.45	0.36	1.27	0.15	0.22	0.02
40097732		3.36			48.6	15.55	14.75	2.37	1.76	5.31	5.35	0.06	1.67	0.17	0.20	0.03
40097733		2.90			44.5	14.90	16.80	2.52	1.65	5.93	4.81	0.02	3.52	0.17	0.12	0.04
40097734		13.15			44.2	12.85	17.90	5.78	2.13	6.10	2.59	0.01	4.45	0.21	0.20	0.05
40097735		13.29			44.4	12.20	18.05	5.21	1.88	5.88	3.43	0.01	4.40	0.23	0.25	0.04
40097736		12.47			45.8	12.65	17.85	4.44	1.91	5.53	3.87	0.01	3.90	0.23	0.41	0.03
40097737		11.85			48.4	12.55	16.30	2.54	2.54	5.06	2.77	0.01	3.38	0.20	0.38	0.03
40097738		12.17			49.5	12.45	16.25	4.55	2.17	4.94	2.65	0.01	3.23	0.19	0.38	0.04
40097739		5.03			58.4	14.00	11.10	2.67	3.03	3.40	3.15	0.01	2.02	0.12	0.26	0.04
40097740		0.16			35.8	3.09	13.55	1.92	0.21	31.8	0.11	0.57	0.26	0.16	0.05	0.01
40097741		7.17			57.6	17.75	10.00	0.50	1.43	3.35	4.21	0.02	0.78	0.05	0.11	0.02
40097741 CRD		<0.02			57.7	17.70	10.20	0.51	1.48	3.35	4.16	0.02	0.78	0.05	0.11	0.02
40097742		10.54			58.0	17.70	9.09	0.54	1.42	3.13	4.09	0.02	0.78	0.04	0.10	0.02
40097743		11.05			59.3	18.20	8.28	0.66	1.36	3.29	3.77	0.02	0.81	0.04	0.12	0.01
40097744		10.50			62.9	16.45	8.03	0.42	1.53	2.99	3.69	0.02	0.72	0.03	0.10	0.01
40097745		11.32			60.8	17.55	8.57	0.60	1.91	3.23	4.24	0.03	0.78	0.04	0.11	0.01
40097746		10.65			61.6	17.35	8.34	0.53	1.90	3.20	3.68	0.03	0.80	0.04	0.12	0.01
40097747		10.78			59.6	17.25	8.16	0.58	1.56	3.15	3.74	0.03	0.80	0.03	0.11	0.02
40097748		11.42			63.5	16.15	7.23	0.49	1.99	2.83	3.34	0.03	0.75	0.04	0.12	0.02
40097749		4.96			60.7	16.80	7.66	0.51	1.60	3.03	3.67	0.03	0.78	0.04	0.12	0.02
40097750		5.47			60.8	16.55	7.92	0.53	1.51	3.07	3.69	0.03	0.78	0.04	0.12	0.02
40097751		11.06			61.3	17.90	7.93	0.36	1.21	3.05	4.25	0.03	0.83	0.04	0.13	0.01
40097752		11.19			62.9	17.40	7.78	0.61	1.60	3.03	3.82	0.03	0.80	0.04	0.12	0.02
40097753		10.95			61.6	18.00	8.34	0.67	1.60	3.32	3.72	0.03	0.83	0.04	0.10	0.01

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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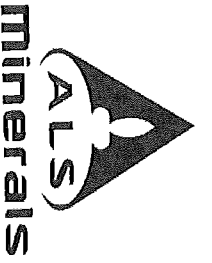
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 Total # Pages: 6 (A - E)
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 Finalized Date: 8-SEP-2014
 Account: KAV

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MSB1 Ba ppm	ME-MSB1 Ce ppm	ME-MSB1 Cr ppm	ME-MSB1 Cs ppm	ME-MSB1 Dy ppm	ME-MSB1 Er ppm	ME-MSB1 Eu ppm	ME-MSB1 Ga ppm	ME-MSB1 Gd ppm	ME-MSB1 Hf ppm	ME-MSB1 Ho ppm	ME-MSB1 La ppm
40097716	0.02	0.01	0.02	0.05	146.5	26.6	138.0	2.13	3.76	2.12	1.29	19.9	3.77	2.7	0.76	11.8
40097717	0.01	0.01	0.01	0.05	134.0	23.2	52.0	1.36	3.37	1.86	1.21	18.7	3.32	2.3	0.66	10.6
40097718	0.02	0.01	0.01	0.21	134.0	23.6	88.0	1.60	3.33	1.84	1.14	18.9	3.42	2.4	0.57	10.8
40097719	0.01	0.01	0.01	0.05	132.0	20.5	446.0	1.30	2.70	1.69	1.06	20.8	2.86	2.1	0.59	9.4
40097720	0.01	0.01	0.01	0.18	108.0	17.8	>10000	1.16	2.48	1.42	0.92	46.4	2.51	1.9	0.52	8.1
40097720 CRD	0.01	0.01	0.01	0.18	113.5	18.7	>10000	1.25	2.68	1.47	0.90	48.7	2.74	1.9	0.55	8.4
40097721	0.01	0.01	0.01	0.27	100.5	16.1	928.0	1.51	2.47	1.36	0.96	20.4	2.54	1.8	0.49	7.4
40097722	0.01	0.01	0.01	0.95	128.5	22.9	207.0	1.56	3.52	1.91	1.15	19.1	3.47	2.7	0.69	10.2
40097723	0.02	0.01	0.01	1.20	145.0	19.0	>10000	1.91	2.91	1.60	0.89	26.5	2.82	2.5	0.55	8.5
40097724	0.02	0.01	0.01	0.12	139.5	19.4	293.0	2.02	2.47	1.39	0.97	19.0	2.83	2.1	0.52	8.7
40097725	0.04	0.03	0.03	0.72	308	14.7	>10000	2.45	1.99	1.07	0.78	19.0	1.97	1.4	0.40	6.7
40097726	0.02	0.01	0.01	0.23	211	15.3	>10000	2.23	2.04	1.15	0.80	23.6	2.24	1.8	0.42	6.8
40097727	0.08	0.01	0.01	0.49	717	14.4	>10000	4.57	2.20	1.13	0.81	26.2	2.28	1.8	0.44	6.4
40097728	0.07	0.01	0.01	1.01	641	23.3	332.0	4.61	3.17	1.64	1.05	21.6	3.36	2.1	0.62	10.5
40097729	0.06	0.02	0.02	1.24	544	25.8	234.0	2.34	3.73	2.04	1.30	17.9	4.04	2.6	0.79	11.2
40097730	0.04	0.12	0.12	0.11	307	28.5	12.0	0.97	3.05	1.70	1.03	18.2	3.31	2.2	0.63	13.9
40097731	0.07	0.01	0.01	5.42	631	48.9	275.0	3.09	4.77	2.80	1.66	18.7	5.75	4.7	0.98	22.8
40097732	0.17	0.01	0.01	0.38	142.0	39.7	42.0	4.22	4.77	2.65	1.76	19.1	4.91	3.5	0.96	17.6
40097733	0.15	0.03	0.03	0.86	136.5	30.2	9.0	3.92	3.14	1.74	1.67	17.5	3.65	2.5	0.65	14.0
40097734	0.10	0.05	0.05	0.16	909	36.4	7.0	2.45	3.96	2.10	1.92	20.8	4.78	3.7	0.79	16.2
40097735	0.15	0.17	0.17	0.08	129.5	41.6	6.0	2.40	4.70	2.36	2.31	19.6	5.82	4.7	0.96	18.2
40097736	0.17	0.04	0.04	0.05	151.0	67.9	5.0	2.83	7.06	3.34	2.61	23.2	8.64	5.9	1.39	28.4
40097737	0.11	0.05	0.05	0.08	94.6	78.5	5.0	2.76	7.06	3.54	2.60	23.2	8.83	6.5	1.44	34.9
40097738	0.15	0.08	0.08	0.06	136.0	72.3	5.0	2.60	7.35	3.71	2.62	23.0	8.32	6.4	1.36	31.7
40097739	0.12	0.04	0.04	0.08	107.5	89.3	8.0	2.15	6.98	3.65	2.28	21.8	8.06	7.2	1.36	43.4
40097740	0.08	0.22	0.22	0.39	68.8	6.2	439.0	0.18	0.78	0.41	0.17	4.6	0.80	0.5	0.12	3.1
40097741	0.08	0.03	0.03	1.32	76.1	62.5	18.0	4.76	4.46	2.70	1.43	24.5	4.96	3.6	0.98	30.4
40097741 CRD	0.08	<0.01	<0.01	1.31	76.4	62.7	18.0	4.58	4.86	2.68	1.31	23.3	5.01	3.6	0.96	30.6
40097742	0.08	<0.01	<0.01	0.98	68.0	63.9	18.0	5.99	4.25	2.54	1.29	23.2	4.98	3.6	0.90	30.6
40097743	0.07	<0.01	<0.01	0.27	59.2	69.9	19.0	5.48	4.78	2.79	1.39	24.7	5.38	3.9	0.96	32.4
40097744	0.06	0.01	0.01	0.71	55.7	57.2	17.0	4.82	4.09	2.25	1.17	22.1	4.47	3.5	0.79	30.4
40097745	0.07	0.01	0.01	0.38	65.3	74.0	19.0	4.16	4.75	2.70	1.47	23.3	5.62	3.7	0.97	27.6
40097746	0.06	<0.01	<0.01	0.08	57.0	56.8	20.0	4.26	4.51	2.45	1.24	23.3	4.75	4.0	0.88	27.4
40097747	0.07	0.01	0.01	0.39	57.9	61.3	19.0	5.68	4.32	2.41	1.16	22.5	4.78	3.8	0.90	29.9
40097748	0.07	0.01	0.01	0.20	61.7	62.1	21.0	5.37	3.93	2.30	1.27	20.0	4.52	4.0	0.82	30.4
40097749	0.07	<0.01	<0.01	0.15	62.4	67.0	20.0	5.44	3.99	2.35	1.28	21.6	4.67	4.1	0.82	32.9
40097750	0.07	<0.01	<0.01	0.16	64.1	66.5	20.0	5.52	4.22	2.45	1.34	21.7	4.80	4.1	0.92	32.7
40097751	0.07	<0.01	<0.01	0.27	66.3	71.8	21.0	8.49	4.44	2.66	1.46	23.5	5.27	4.0	0.96	35.6
40097752	0.07	0.01	0.01	0.38	59.1	69.9	20.0	6.51	4.42	2.50	1.39	22.0	4.85	4.3	0.93	34.8
40097753	0.07	<0.01	<0.01	0.32	57.9	69.7	20.0	6.18	4.57	2.56	1.37	24.3	5.03	4.1	0.94	33.9

Comments: ***Corrected copy with Wf-A4CD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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 Finalized Date: 8-SEP-2014
 Account: KAV

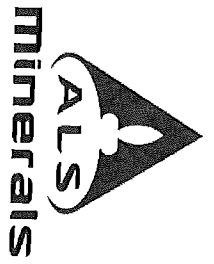
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm				
40097716	0.29	7.5	15.3	3.57	17.1	3.61	1	319	0.4	0.62	1.08	<0.5	0.30	0.28	190					
40097717	0.25	6.6	13.5	3.17	16.8	3.32	1	323	0.4	0.58	0.96	<0.5	0.28	0.25	144					
40097718	0.25	6.3	13.4	3.16	18.2	3.24	1	324	0.4	0.55	1.07	<0.5	0.26	0.27	150					
40097719	0.22	5.6	11.9	2.74	19.1	3.53	1	353	0.3	0.45	0.80	<0.5	0.24	0.19	138					
40097720	0.20	4.9	10.4	2.42	8.5	2.46	1	207	0.3	0.42	0.69	<0.5	0.22	0.19	160					
40097720 CRD	0.19	5.2	11.0	2.50	9.4	2.68	1	218	0.3	0.44	0.78	<0.5	0.22	0.19	228					
40097721	0.18	4.6	9.8	2.17	10.6	2.32	1	264	0.3	0.40	0.61	<0.5	0.18	0.14	115					
40097722	0.26	6.7	13.1	3.02	20.6	3.50	1	328	0.3	0.54	0.99	<0.5	0.28	0.25	139					
40097723	0.22	5.5	10.5	2.46	31.8	2.73	1	379	0.2	0.44	0.83	<0.5	0.20	0.20	145					
40097724	0.19	5.5	10.5	2.47	22.0	2.39	1	337	0.3	0.44	0.86	<0.5	0.20	0.20	108					
40097725	0.14	4.1	8.1	1.85	38.7	2.12	1	571	0.2	0.33	0.64	0.6	0.16	0.18	65					
40097726	0.15	4.6	8.8	2.04	56.0	2.10	1	610	0.2	0.36	1.16	<0.5	0.18	0.20	113					
40097727	0.17	4.0	8.0	1.88	110.0	2.10	1	696	0.2	0.37	0.77	0.8	0.18	0.20	128					
40097728	0.23	6.0	12.4	2.93	76.6	3.14	1	415	0.3	0.51	1.56	0.9	0.22	0.30	206					
40097729	0.29	8.1	14.6	3.36	83.1	3.57	2	210	0.4	0.68	1.20	0.7	0.29	0.30	288					
40097730	0.19	6.4	13.9	3.51	21.2	3.38	1	358	0.3	0.52	2.47	<0.5	0.23	0.43	277					
40097731	0.40	10.9	25.1	6.21	110.5	6.03	2	150.5	0.5	0.88	3.33	1.8	0.40	1.75	238					
40097732	0.38	10.2	21.3	5.17	157.0	5.17	1	241	0.6	0.75	2.94	0.8	0.37	1.37	353					
40097733	0.24	10.2	15.9	3.75	151.5	3.63	1	296	0.7	0.53	2.35	1.0	0.23	1.21	573					
40097734	0.25	18.7	21.5	4.78	84.3	5.02	1	369	1.2	0.74	1.95	<0.5	0.28	0.59	645					
40097735	0.28	21.5	24.7	5.51	114.5	5.84	1	336	1.3	0.84	2.19	<0.5	0.31	0.64	600					
40097736	0.39	27.5	38.3	8.89	129.0	9.40	2	240	1.6	1.22	3.34	0.5	0.46	1.03	487					
40097737	0.43	26.1	41.5	9.78	88.0	9.57	2	221	1.5	1.27	4.74	<0.5	0.49	1.45	413					
40097738	0.45	24.6	38.9	9.37	88.2	9.37	1	292	1.5	1.24	4.48	0.5	0.54	1.45	402					
40097739	0.52	18.4	43.5	10.75	103.5	9.37	2	277	1.2	1.18	8.20	0.6	0.54	3.51	250					
40097740	0.06	1.4	3.3	0.76	3.2	0.86	1	48.6	<0.1	0.14	0.62	<0.5	0.05	0.11	10					
40097741	0.44	11.1	29.4	7.57	179.0	6.04	2	121.0	0.7	0.82	9.43	1.1	0.42	9.64	195					
40097741 CRD	0.44	11.1	30.0	7.78	177.5	6.39	2	123.5	0.7	0.78	9.17	1.1	0.40	9.67	194					
40097742	0.40	10.9	30.3	7.96	173.0	6.08	2	112.5	0.7	0.78	9.05	0.9	0.38	6.54	168					
40097743	0.43	11.4	33.0	8.69	161.0	6.65	2	75.6	0.7	0.81	9.51	0.8	0.38	6.34	178					
40097744	0.36	10.3	26.7	7.12	160.0	5.78	2	62.9	0.6	0.69	8.72	0.8	0.35	6.40	158					
40097745	0.38	11.0	34.9	9.02	167.5	6.56	2	88.8	0.7	0.81	8.91	1.0	0.40	7.28	170					
40097746	0.36	11.3	27.6	7.11	146.5	5.51	2	74.6	0.7	0.72	8.98	1.0	0.37	5.79	165					
40097747	0.38	10.6	28.2	7.54	165.0	5.78	2	105.0	0.6	0.70	8.86	1.1	0.40	5.39	161					
40097748	0.35	10.5	28.9	7.57	143.0	5.70	1	163.0	0.6	0.68	8.31	0.9	0.34	4.31	137					
40097749	0.35	10.7	31.6	8.05	158.0	6.03	2	136.5	0.6	0.74	8.69	1.1	0.39	4.50	151					
40097750	0.39	10.6	30.3	8.10	164.0	6.14	2	141.0	0.6	0.74	8.83	1.2	0.36	4.58	150					
40097751	0.40	11.7	32.7	8.73	189.0	6.83	2	122.0	0.7	0.78	9.43	1.2	0.39	5.74	169					
40097752	0.39	11.3	31.5	8.35	165.0	6.32	2	144.5	0.8	0.74	9.30	1.2	0.37	5.22	156					
40097753	0.41	11.3	32.2	8.63	185.5	6.63	3	109.5	0.7	0.77	9.51	1.1	0.40	5.63	170					

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
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 VANCOUVER BC V6C 1S4

Project: EB80001745

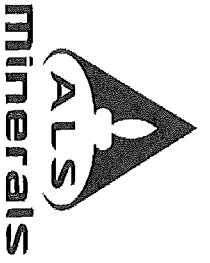
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 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAO5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097716		2	20.1	1.96	107	1.4	0.01	<0.005	0.06	0.5	0.02	1.76	98.52	<0.5	<5	<0.5
40097717		1	17.8	1.76	84	1.0	0.01	<0.005	<0.05	0.6	0.03	1.09	100.45	<0.5	<5	<0.5
40097718		<1	17.3	1.67	91	12.6	0.11	<0.005	0.23	0.5	0.06	1.22	98.84	<0.5	10	<0.5
40097719		<1	14.7	1.45	75	1.2	0.01	0.005	0.05	0.3	0.03	1.36	101.69	<0.5	<5	<0.5
40097720		<1	13.4	1.26	70	0.2	0.03	<0.005	<0.05	0.7	0.05	1.02	100.09	<0.5	<5	<0.5
40097720 CRD		<1	14.1	1.29	71	0.3	0.03	0.005	<0.05	0.9	0.05	1.16	98.71	<0.5	<5	<0.5
40097721		3	13.0	1.25	65	0.3	0.09	0.008	<0.05	0.7	0.07	2.95	99.39	<0.5	<5	<0.5
40097722		<1	18.1	1.91	104	1.2	0.14	<0.005	<0.05	1.7	0.07	1.68	98.40	<0.5	<5	<0.5
40097723		1	14.7	1.39	99	5.0	0.17	0.010	0.10	1.5	0.09	2.03	101.33	<0.5	<5	<0.5
40097724		1	13.5	1.32	81	1.4	0.02	<0.005	<0.05	0.4	0.02	1.53	99.64	<0.5	<5	<0.5
40097725		<1	10.2	1.04	54	5.1	0.13	0.013	0.16	1.3	0.08	6.24	98.61	<0.5	6	0.6
40097726		1	11.1	1.09	72	1.6	0.03	<0.005	0.05	0.7	0.03	1.73	99.42	<0.5	<5	<0.5
40097727		<1	11.5	1.12	71	25.0	0.07	0.011	0.25	1.3	0.09	3.16	98.52	<0.5	28	1.1
40097728		<1	16.3	1.56	80	28.4	0.19	0.009	0.34	1.3	0.07	3.92	99.57	<0.5	30	1.1
40097729		1	19.2	1.89	99	56.9	0.46	0.025	0.53	1.6	0.13	4.94	98.36	1.0	47	1.5
40097730		<1	15.8	1.48	85	0.6	0.02	<0.005	<0.05	0.4	0.02	1.43	98.10	<0.5	<5	<0.5
40097731		<1	26.3	2.54	190	67.2	0.13	0.093	0.62	4.1	0.10	6.68	97.83	0.5	61	<0.5
40097732		<1	24.6	2.51	137	8.7	0.05	0.034	0.15	0.8	0.04	3.75	99.74	<0.5	12	0.8
40097733		1	16.3	1.56	101	11.9	0.08	0.031	0.24	1.3	0.07	4.21	99.34	<0.5	16	<0.5
40097734		<1	19.8	1.76	144	2.4	0.04	0.011	0.12	0.4	<0.01	2.68	99.25	<0.5	<5	<0.5
40097735		<1	23.6	1.89	181	1.6	0.05	0.008	0.14	0.7	0.02	3.27	99.40	<0.5	<5	<0.5
40097736		2	34.1	2.90	232	1.8	0.06	0.006	0.09	0.9	0.01	3.36	100.16	<0.5	<5	<0.5
40097737		3	35.5	2.99	254	2.1	0.04	0.005	0.12	0.9	0.02	3.49	99.28	<0.5	5	<0.5
40097738		1	34.4	3.20	257	7.9	0.06	0.008	0.21	0.9	0.05	2.97	99.48	<0.5	7	<0.5
40097739		2	35.2	3.24	268	10.3	0.04	0.005	0.44	0.9	0.02	2.59	100.91	<0.5	15	<0.5
40097740		1	3.8	0.36	21	1.7	0.11	0.026	0.46	1.6	0.15	10.70	98.31	1.4	6	1.1
40097741		4	25.2	2.64	136	8.8	0.15	0.008	0.26	1.5	0.04	3.99	99.89	<0.5	12	0.9
40097741 CRD		1	25.7	2.99	137	8.4	0.15	0.007	0.27	1.9	0.05	4.05	100.21	<0.5	9	0.7
40097742		1	23.6	2.69	139	16.7	0.14	0.008	0.24	1.3	0.05	3.71	98.74	<0.5	18	0.5
40097743		1	26.2	2.66	144	17.1	0.13	<0.005	0.27	1.2	0.04	3.78	99.69	<0.5	19	<0.5
40097744		1	21.4	2.43	132	21.3	0.09	<0.005	0.36	1.3	0.06	3.51	100.46	<0.5	19	<0.5
40097745		1	26.1	2.61	144	20.4	0.16	0.006	0.49	1.1	0.06	3.55	101.49	<0.5	22	<0.5
40097746		1	22.9	2.53	146	19.0	0.08	0.005	0.32	1.2	0.04	3.39	101.05	<0.5	20	<0.5
40097747		1	23.1	2.55	148	15.6	0.10	<0.005	0.42	1.1	0.01	3.57	98.62	<0.5	15	<0.5
40097748		6	21.5	2.46	152	17.6	0.08	<0.005	0.34	0.9	0.03	3.24	99.80	<0.5	16	<0.5
40097749		2	22.0	2.42	156	11.7	0.09	<0.005	0.20	1.1	0.03	3.44	98.57	<0.5	10	<0.5
40097750		2	22.4	2.42	160	11.4	0.08	<0.005	0.20	0.9	0.02	3.51	98.54	<0.5	15	<0.5
40097751		1	24.5	2.65	154	10.2	0.11	0.007	0.28	0.8	0.03	4.08	101.19	<0.5	14	<0.5
40097752		3	23.1	2.58	153	14.3	0.12	0.006	0.28	1.1	0.04	3.62	101.84	<0.5	14	<0.5
40097753		3	24.1	2.47	147	21.4	0.13	<0.005	0.35	0.9	0.05	3.53	101.86	<0.5	18	<0.5

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
 2103 Dollarton Hwy
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 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Page: 5 - E
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

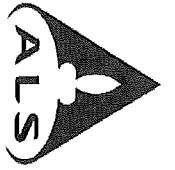
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PGM-MS24	PGM-MS24	PGM-MS24
		Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Zn ppm	Au ppm	Pt ppm	Pd ppm	Au ppm	Pt ppm
40097716		58	194	40	<1	419	4	19	106	0.004	0.0083	0.021		
40097717		59	113	30	<1	414	<2	16	87	0.003	0.0108	0.011		
40097718		68	1180	30	<1	901	4	16	98	0.027	0.0547	0.261		
40097719		59	198	40	<1	320	3	16	107	0.008	0.0255	0.047		
40097720		123	730	30	<1	1200	<2	17	306	0.013	0.0527	0.253		
40097720 CRD		123	768	30	<1	1180	3	17	310	0.014	0.0430	0.206		
40097721		82	790	30	<1	897	5	17	111	0.014	0.0516	0.119		
40097722		92	1225	40	<1	807	7	22	97	0.015	0.0269	0.077		
40097723		118	1280	50	<1	1065	6	19	164	0.019	0.0494	0.171		
40097724		64	377	30	<1	416	7	12	100	0.006	0.0100	0.052		
40097725		92	967	110	<1	801	6	14	118	0.014	0.0322	0.157		
40097726		75	656	50	<1	572	3	17	146	0.014	0.0289	0.199		
40097727		94	957	70	<1	901	6	21	283	0.022	0.0381	0.204		
40097728		101	819	70	1	634	13	28	192	0.016	0.0372	0.070		
40097729		139	1445	70	2	1065	25	25	225	0.021	0.0396	0.110		
40097730		47	65	10	<1	78	<2	29	84	0.001	<0.0005	0.001		
40097731		247	1320	60	24	1185	13	24	232	0.015	0.0183	0.069		
40097732		59	339	60	3	325	7	34	206	0.004	0.0049	0.019		
40097733		93	817	70	3	489	9	21	154	0.015	0.0145	0.077		
40097734		72	232	40	<1	142	10	29	148	0.007	0.0048	0.020		
40097735		64	305	50	<1	122	9	29	168	0.004	0.0043	0.018		
40097736		58	300	40	<1	91	8	28	180	0.005	0.0036	0.013		
40097737		54	311	40	<1	88	6	26	182	0.005	0.0033	0.012		
40097738		53	386	40	<1	108	10	24	173	0.005	0.0039	0.015		
40097739		32	184	40	1	110	11	20	158	0.003	0.0047	0.016		
40097740		141	577	<10	<1	1960	66	10	199	0.015	0.0061	0.004		
40097741		29	127	70	12	106	17	23	288	0.002	0.0019	0.003		
40097741 CRD		28	132	60	11	105	21	24	275	0.002	0.0021	0.003		
40097742		26	93	70	6	97	13	23	204	0.001	0.0016	0.002		
40097743		20	76	70	4	88	15	23	169	0.001	0.0015	0.002		
40097744		20	83	70	6	83	15	22	139	0.001	0.0014	0.002		
40097745		24	148	70	6	92	14	22	138	0.002	0.0018	0.003		
40097746		25	75	80	3	97	14	23	124	0.001	0.0129	0.022		
40097747		21	83	70	3	92	15	23	136	0.002	0.0014	0.002		
40097748		19	53	70	1	85	16	20	113	0.001	0.0014	0.002		
40097749		21	64	60	1	87	12	21	117	0.001	0.0014	0.002		
40097750		21	85	60	<1	86	8	22	113	0.001	0.0013	0.002		
40097751		23	64	80	3	90	18	23	147	0.002	0.0013	0.002		
40097752		23	109	60	2	87	10	22	142	0.002	0.0015	0.002		
40097753		23	82	60	2	96	9	24	135	0.012	0.0015	0.002		

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



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Project: EB80001745

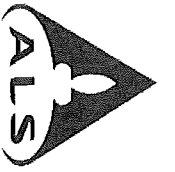
CERTIFICATE OF ANALYSIS TB14122412

Page: 6 - A
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40097754		10.82	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40097755		10.94			61.5	18.20	8.36	0.63	1.64	3.36	3.44	0.03	0.86	0.03	0.12	0.01
40097756		10.42			60.1	17.85	8.45	0.51	1.57	3.25	3.60	0.03	0.81	0.03	0.11	0.01
40097757		12.21			54.8	16.80	12.75	0.32	1.88	3.00	4.09	0.02	0.73	0.02	0.11	0.02
40097758		10.63			55.7	16.55	12.25	0.36	1.50	3.02	4.00	0.02	0.72	0.02	0.10	0.01
40097759		10.93			56.3	17.05	11.20	0.32	1.58	3.09	4.06	0.02	0.74	0.03	0.11	0.01
40097760		0.30			50.6	17.20	11.30	0.37	1.62	3.08	3.99	0.03	0.75	0.02	0.10	0.01
40097760 CRD		<0.02			50.7	15.10	10.35	10.70	2.47	7.51	0.79	0.01	0.99	0.15	0.08	0.04
						15.15	10.10		2.48	7.47	0.77	0.01	0.97	0.08	0.08	0.04

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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 VANCOUVER BC V6C 1S4

Page: 6 - B
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

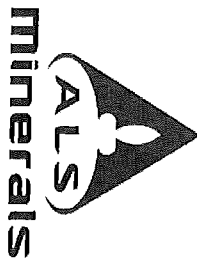
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097754		0.06	<0.01	0.12	496	72.0	210	6.03	4.72	2.68	1.33	25.2	5.44	3.8	0.96	34.4
40097755		0.06	0.06	0.81	524	70.7	190	4.53	4.45	2.75	1.27	24.1	5.40	3.7	0.98	34.8
40097756		0.08	0.69	4.85	686	66.4	170	5.67	4.72	2.84	1.51	21.7	5.06	3.6	1.02	33.8
40097757		0.06	1.05	4.74	500	68.3	170	6.30	4.78	2.91	1.45	21.4	5.41	3.4	1.03	35.8
40097758		0.06	0.93	3.91	533	57.0	170	7.39	4.71	2.89	1.29	22.6	4.76	3.6	1.02	29.3
40097759		0.06	0.84	3.81	506	66.3	170	7.83	4.97	2.99	1.41	22.3	5.25	3.8	1.06	34.0
40097760		0.03	0.08	0.13	250	24.7	70	0.75	2.86	1.54	1.01	16.7	2.94	2.0	0.56	12.4
40097760 CRD		0.03	0.08	0.13	255	26.4	70	0.74	2.94	1.50	1.04	18.1	2.93	2.0	0.60	13.0

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001745

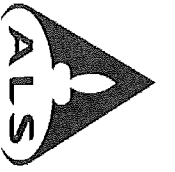
CERTIFICATE OF ANALYSIS TB14122412

Page: 6 - C
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40097754		0.41	11.9	33.4	8.80	155.5	6.90	2	69.2	0.8	0.81	9.51	0.9	0.41	5.05	179
40097755		0.41	11.2	34.1	8.79	141.5	6.81	2	60.5	0.7	0.81	9.46	0.8	0.41	7.28	185
40097756		0.48	10.0	32.3	8.37	186.5	6.12	1	173.5	0.7	0.78	8.38	1.9	0.44	12.95	188
40097757		0.49	9.5	33.5	8.93	179.5	6.82	1	80.6	0.7	0.83	8.14	2.4	0.46	14.25	209
40097758		0.49	10.0	28.5	7.48	187.0	5.87	2	92.7	0.7	0.78	8.58	2.8	0.45	13.60	223
40097759		0.48	10.0	32.9	8.71	185.0	6.30	2	80.5	0.7	0.84	8.54	3.4	0.47	13.35	247
40097760		0.19	5.2	12.7	3.07	18.1	2.97	1	367	0.3	0.48	2.22	<0.5	0.23	0.50	256
40097760 CRD		0.19	5.4	13.3	3.28	17.0	3.36	1	374	0.3	0.48	2.33	<0.5	0.23	0.38	258

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 8-SEP-2014
 Account: KAV

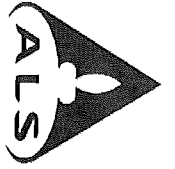
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097754		1	25.5	2.70	149	16.6	0.12	0.005	0.28	0.9	0.03	3.57	101.81	<0.5	16	<0.5
40097755		3	25.5	2.87	141	39.0	0.15	<0.005	0.50	1.2	0.04	3.71	100.09	<0.5	33	<0.5
40097756		2	26.8	2.94	128	27.7	0.65	<0.005	0.69	2.2	0.07	5.08	99.70	<0.5	26	<0.5
40097757		3	28.4	2.99	122	45.6	0.39	0.006	0.75	2.3	0.09	5.45	99.76	<0.5	41	<0.5
40097758		2	28.1	3.19	131	45.0	0.43	0.009	0.79	2.1	0.07	5.09	99.24	0.5	42	1.3
40097759		3	29.0	3.18	134	58.5	0.40	0.005	1.87	2.3	0.08	5.07	99.90	0.7	54	2.7
40097760		1	14.4	1.37	71	0.4	0.02	<0.005	<0.05	0.4	0.02	1.35	100.07	<0.5	<5	<0.5
40097760 CRD		3	14.9	1.41	69	0.4	0.02	0.005	<0.05	0.6	0.01	1.33	99.98	<0.5	<5	<0.5

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80001745

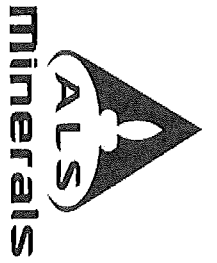
CERTIFICATE OF ANALYSIS TB14122412

Page: 6 - E
Total # Pages: 6 (A - E)
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Finalized Date: 8-SEP-2014
Account: KAV

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097754		24	59	70	1	99	8	24	103	0.005	0.0014	0.002
40097755		26	139	60	7	104	13	25	209	0.003	0.0017	0.002
40097756		39	319	50	17	132	29	23	114	0.004	0.0022	0.003
40097757		33	167	50	22	149	18	23	90	0.002	0.0021	0.003
40097758		28	156	50	22	152	25	23	336	0.002	0.0021	0.003
40097759		30	162	60	22	180	24	23	510	0.003	0.0020	0.003
40097760		43	67	10	<1	75	<2	30	72	0.001	<0.0005	<0.001
40097760 CRD		44	72	10	<1	79	<2	30	73	0.001	<0.0005	<0.001

Comments: ***Corrected copy with ME-4ACD81 corrected for samples 40097581-40097598***

***** See Appendix Page for comments regarding this certificate *****



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Page: Appendix 1
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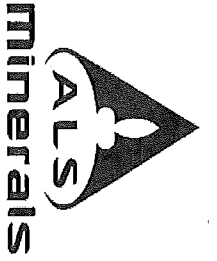
Project: EB80001745

CERTIFICATE OF ANALYSIS TB14122412

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	CRU-QC PUL-32 SPL-21d	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-MS81 TOT-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-4ACD81 OA-GRA05	ME-ICP06 PGM-MS24	ME-MS42 S-IR08



ALS Canada Ltd.
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CERTIFICATE TB14121136

Project: EB80001747
 P.O. No.: 3101202290
 This report is for 174 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 29-AUG-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS SUE DRIEBERG JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: RIO TINTO EXPLORATION CANADA INC.
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 Plus Appendix Pages
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 This copy reported on
 6-OCT-2014
 Account: KAV

SAMPLE PREPARATION


ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% < 75um

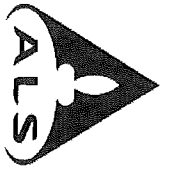
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dtg.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

Signature:

 Colin Ramshaw, Vancouver Laboratory Manager



ALS Minerals

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T.O.: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001747

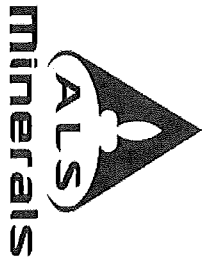
CERTIFICATE OF ANALYSIS TB14121136

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 Plus Appendix Pages
 Finalized Date: 20-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40097078		0.34		88.3	45.5	18.20	10.70	9.80	2.35	8.50	0.48	0.04	1.11	0.14	0.14	0.05
40097989		3.08	77.1		44.6	19.55	12.20	9.53	2.17	7.75	0.67	0.03	0.91	0.13	0.11	0.04
40097990		3.25			44.5	19.55	12.35	9.61	2.16	7.77	0.68	0.03	0.96	0.13	0.10	0.04
40097991		1.41			39.1	16.95	19.75	7.69	1.76	7.32	0.59	0.04	0.86	0.12	0.10	0.03
40097992		4.09			45.1	18.70	12.80	9.38	2.26	8.64	0.68	0.03	1.07	0.14	0.12	0.04
40097993		3.89			44.9	17.65	13.30	9.10	2.20	9.02	0.54	0.03	1.20	0.15	0.13	0.04
40097994		6.35			42.6	17.25	16.00	8.58	2.24	7.75	0.59	0.03	1.25	0.14	0.11	0.04
40097995		5.53			42.1	16.45	14.70	7.46	2.10	8.57	0.62	0.03	1.27	0.13	0.14	0.03
40097996		6.98			36.0	14.10	30.1	7.45	1.85	5.76	0.37	0.03	1.36	0.14	0.09	0.03
40097997		6.26			42.7	17.25	17.95	9.00	2.17	7.65	0.47	0.03	1.36	0.15	0.14	0.03
40097998		4.62			43.1	17.25	17.60	9.04	2.22	7.71	0.62	0.03	1.46	0.15	0.14	0.03
40097999		6.52			44.9	18.10	13.85	9.29	2.36	7.28	0.74	0.07	1.51	0.15	0.16	0.04
40209000		0.32			53.3	15.05	10.90	10.15	2.62	6.66	0.94	0.01	1.10	0.16	0.13	0.04
40209001		5.87			44.8	18.35	12.45	9.32	2.46	6.00	0.90	0.02	1.62	0.14	0.18	0.04
40209002		6.02			45.9	19.05	11.25	9.70	2.54	6.82	0.72	0.03	1.41	0.13	0.18	0.04
40209003		6.29			46.4	18.95	11.20	10.25	2.54	6.70	0.61	0.03	1.47	0.14	0.17	0.04
40209004		5.98			46.3	17.60	12.55	9.54	2.55	7.09	0.63	0.04	1.74	0.16	0.19	0.04
40209005		5.92			45.3	17.85	11.85	9.76	2.23	8.11	0.47	0.03	1.31	0.15	0.15	0.03
40209006		4.22			45.8	18.80	12.00	9.71	2.41	7.92	0.63	0.03	1.42	0.14	0.14	0.04
40209007		1.39			37.6	15.30	22.7	7.88	1.81	6.46	0.57	0.02	0.76	0.13	0.11	0.03
40209007 CRD		<0.02			35.9	14.75	22.1	7.56	1.76	6.34	0.52	0.02	0.74	0.12	0.09	0.03
40209008		6.29			46.2	18.30	11.25	9.53	2.48	7.06	0.64	0.04	1.36	0.14	0.14	0.04
40209009		6.14			44.4	18.55	11.80	10.30	2.33	5.73	0.74	0.03	1.51	0.14	0.18	0.04
40209010		0.11			37.5	5.77	16.10	3.91	0.67	24.0	0.22	0.27	0.42	0.14	0.04	0.01
40209011		6.43			43.8	16.90	13.95	9.32	2.40	7.17	0.64	0.03	1.66	0.15	0.19	0.03
40209012		6.40			45.3	18.05	13.55	9.82	2.51	6.95	0.57	0.03	1.49	0.14	0.17	0.03
40209013		6.64			44.8	17.80	12.60	10.05	2.30	7.24	0.51	0.03	1.37	0.15	0.15	0.03
40209014		6.25			45.0	16.85	13.05	9.92	2.47	6.33	0.71	0.04	1.74	0.16	0.20	0.04
40209015		6.47			45.2	17.55	13.20	9.56	2.48	6.89	0.56	0.03	1.53	0.15	0.18	0.04
40209016		6.18			45.4	17.75	13.55	9.67	2.42	7.08	0.58	0.03	1.49	0.15	0.17	0.03
40209017		6.17			45.9	17.65	13.10	9.81	2.54	6.92	0.52	0.03	1.57	0.15	0.17	0.04
40209018		6.92			45.5	17.70	13.10	9.81	2.57	6.53	0.66	0.04	1.61	0.15	0.19	0.04
40209019		2.77			46.7	17.65	12.90	9.62	2.65	7.22	0.53	0.03	1.56	0.16	0.19	0.04
40209020		2.87			45.8	17.45	12.85	9.58	2.56	7.34	0.52	0.03	1.58	0.16	0.17	0.03
40209021		6.31			46.7	17.60	12.40	9.90	2.70	6.35	0.60	0.03	1.72	0.15	0.21	0.04
40209022		6.37			46.8	18.30	12.00	10.05	2.67	6.18	0.66	0.03	1.71	0.15	0.21	0.04
40209023		6.23			46.5	17.15	13.35	9.75	2.63	6.75	0.67	0.02	1.94	0.16	0.20	0.04
40209024		6.37			47.2	17.75	12.50	10.20	2.70	6.49	0.60	0.03	1.86	0.16	0.20	0.04
40209025		6.40			47.0	17.70	13.05	10.00	2.56	7.53	0.54	0.03	1.67	0.16	0.18	0.04
40209026		6.28			47.7	18.05	11.80	9.01	2.64	6.64	0.81	0.03	1.45	0.14	0.17	0.04

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001747

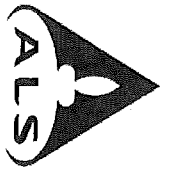
CERTIFICATE OF ANALYSIS TB14121136

Page: 2 - B
 Total # Pages: 6 (A - G)
 Plus Appendix Pages
 Finalized Date: 20-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40097078	0.02	0.02	0.03	0.08	143.5	23.3	280	2.02	3.16	1.88	1.12	19.4	3.20	2.4	0.63	10.7
40097989	0.02	0.02	0.02	0.64	140.0	19.2	220	3.48	2.50	1.39	1.01	19.6	2.61	2.0	0.52	8.8
40097990	0.02	0.02	0.02	0.74	131.5	18.9	240	3.43	2.22	1.34	0.94	19.2	2.78	2.0	0.45	8.6
40097991	0.01	0.02	0.02	4.60	114.0	17.6	250	4.30	2.19	1.26	0.83	17.5	2.55	1.6	0.41	8.1
40097992	0.02	0.02	0.02	0.60	137.5	22.2	250	2.06	2.78	1.59	1.08	19.3	2.96	2.3	0.54	10.1
40097993	0.02	0.02	0.02	0.37	138.0	23.9	250	3.79	3.31	1.79	1.17	19.3	3.36	2.7	0.66	10.8
40097994	0.02	0.02	0.02	1.99	139.5	20.6	230	2.71	2.67	1.52	1.09	19.8	2.66	2.4	0.51	9.1
40097995	0.02	0.06	0.06	1.27	138.0	26.7	260	2.27	3.44	1.82	1.29	18.2	3.75	2.7	0.68	12.4
40097996	0.01	0.02	0.02	7.66	103.5	16.9	220	2.58	2.42	1.47	1.07	16.3	2.78	2.2	0.50	7.7
40097997	0.02	0.02	0.02	2.29	150.5	25.3	210	2.90	3.19	1.76	1.22	19.8	3.44	2.8	0.67	11.4
40097998	0.02	0.02	0.02	2.31	149.0	24.7	230	2.03	3.33	1.89	1.20	19.5	3.39	2.6	0.65	11.2
40097999	0.02	0.02	0.02	0.81	173.5	28.6	240	2.77	3.56	2.20	1.29	21.1	3.92	2.9	0.73	12.9
40209000	0.04	0.09	0.14	0.14	361	36.7	60	0.49	3.64	2.07	1.29	20.0	3.76	2.8	0.86	17.9
40209001	0.02	0.03	0.03	0.61	201	33.8	180	2.62	4.16	2.61	1.37	22.1	4.67	3.4	0.86	14.8
40209002	0.02	0.03	0.03	0.18	188.5	31.9	220	2.23	3.97	2.16	1.35	21.5	4.44	3.4	0.82	14.4
40209003	0.02	0.02	0.02	0.14	183.5	31.5	220	1.94	3.66	2.43	1.39	21.9	4.44	2.9	0.76	14.4
40209004	0.02	0.03	0.03	0.08	184.0	34.5	270	1.79	4.28	2.45	1.42	21.5	4.65	3.4	0.89	15.6
40209005	0.02	0.04	0.14	0.14	144.0	27.3	250	2.01	3.45	1.97	1.24	20.3	3.67	2.7	0.74	12.1
40209006	0.02	0.02	0.02	0.26	158.0	26.7	230	1.86	3.24	2.03	1.29	20.5	3.80	2.7	0.64	12.1
40209007	0.01	0.02	0.02	6.31	110.5	17.7	200	3.20	2.03	1.32	1.00	16.7	2.31	1.8	0.42	7.9
40209007 CRD	0.01	0.02	0.02	6.34	104.5	16.8	190	3.08	2.16	1.21	1.12	16.6	2.07	1.3	0.44	7.9
40209008	0.02	0.03	0.03	0.16	146.0	28.3	270	2.87	3.81	2.32	1.26	20.9	3.87	2.9	0.84	13.6
40209009	0.02	0.03	0.03	0.67	174.0	30.2	200	2.32	3.96	2.35	1.52	21.3	3.92	2.6	0.79	14.5
40209010	0.01	0.15	0.15	2.46	101.5	10.6	2080	0.75	1.33	0.75	0.45	7.9	1.47	0.5	0.26	5.4
40209011	0.02	0.03	0.03	0.99	186.5	35.3	200	2.15	4.43	2.72	1.59	21.3	5.15	3.2	0.94	16.8
40209012	0.02	0.04	0.04	0.97	165.5	30.3	210	2.25	3.64	2.23	1.52	19.9	4.15	2.9	0.76	14.5
40209013	0.02	0.03	0.03	0.75	154.0	27.8	210	2.85	3.65	2.32	1.39	20.0	3.49	2.5	0.81	13.1
40209014	0.02	0.03	0.03	0.57	180.0	36.7	210	1.96	4.90	2.84	1.52	21.0	5.26	3.3	0.92	17.2
40209015	0.02	0.02	0.02	0.74	171.0	33.1	230	2.64	4.20	2.28	1.59	21.2	4.47	3.4	0.78	15.3
40209016	0.02	0.02	0.02	1.00	165.5	31.6	230	2.76	3.90	2.08	1.49	20.8	4.40	2.7	0.78	15.1
40209017	0.02	0.03	0.03	0.71	174.5	33.0	220	2.42	4.26	2.41	1.43	20.8	4.70	3.0	0.90	15.7
40209018	0.02	0.02	0.02	0.76	202	34.7	270	2.01	4.17	2.55	1.66	21.4	4.90	3.1	0.91	17.0
40209019	0.02	0.03	0.03	0.30	194.5	33.2	210	1.98	4.45	2.55	1.52	21.2	4.66	3.1	0.93	16.2
40209020	0.02	0.03	0.03	0.28	179.0	29.7	230	2.15	3.82	2.36	1.45	20.2	4.18	2.7	0.82	14.5
40209021	0.02	0.03	0.03	0.24	204	38.7	190	1.88	4.83	2.67	1.71	21.5	5.36	3.3	0.94	18.6
40209022	0.02	0.02	0.02	0.10	204	37.3	190	1.49	4.72	2.62	1.58	21.2	4.96	3.3	0.97	18.0
40209023	0.02	0.02	0.02	0.19	195.0	37.1	180	1.73	4.77	2.68	1.74	22.1	5.37	3.3	0.96	17.8
40209024	0.02	0.02	0.02	0.11	203	38.5	210	1.53	4.84	2.59	1.61	22.4	5.08	3.7	0.96	18.3
40209025	0.02	0.02	0.02	0.41	175.5	33.8	230	1.52	4.19	2.46	1.60	20.7	4.37	3.0	0.84	15.5
40209026	0.02	0.02	0.02	0.29	214	37.0	210	1.99	3.90	2.36	1.44	22.0	4.42	2.8	0.81	17.8

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

**** See Appendix Page for comments regarding this certificate ****



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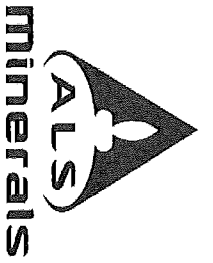
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097078		0.25	6.6	12.9	2.96	9.9	3.63	1	352	0.4	0.52	0.99	<0.5	0.29	0.27	146
40097989		0.17	5.5	11.1	2.60	28.7	2.76	1	321	0.3	0.41	0.82	<0.5	0.19	0.18	115
40097990		0.19	5.8	10.8	2.44	28.1	2.58	1	310	0.4	0.38	0.85	<0.5	0.17	0.18	113
40097991		0.18	5.4	10.2	2.25	27.6	2.53	1	260	0.3	0.38	1.37	<0.5	0.21	0.16	105
40097992		0.22	6.5	12.1	2.90	25.5	3.05	1	307	0.4	0.47	1.10	<0.5	0.22	0.24	124
40097993		0.27	7.4	13.7	3.12	20.4	3.22	1	284	0.4	0.53	1.12	<0.5	0.26	0.31	135
40097994		0.21	7.0	12.0	2.62	23.6	3.13	2	297	0.4	0.44	0.94	<0.5	0.22	0.15	140
40097995		0.26	8.4	15.0	3.52	18.9	3.57	1	286	0.5	0.59	1.25	<0.5	0.29	0.25	149
40097996		0.21	5.3	9.9	2.14	11.0	2.38	2	219	0.4	0.44	0.71	<0.5	0.20	0.10	177
40097997		0.28	7.7	14.2	3.27	16.2	3.22	2	268	0.5	0.59	1.06	<0.5	0.27	0.26	158
40097998		0.25	7.7	14.5	3.11	21.5	3.80	2	274	0.4	0.57	1.04	<0.5	0.27	0.22	161
40097999		0.27	7.8	15.4	3.60	28.5	3.68	2	317	0.4	0.61	1.70	<0.5	0.29	0.27	173
40209000		0.24	6.6	17.5	4.25	19.1	4.03	1	348	0.3	0.57	3.48	<0.5	0.27	0.55	258
40209001		0.36	9.1	18.4	4.29	36.1	4.49	2	336	0.5	0.69	1.66	<0.5	0.39	0.36	186
40209002		0.31	8.2	17.0	4.01	25.2	4.09	2	336	0.5	0.64	1.57	<0.5	0.34	0.36	149
40209003		0.34	8.2	17.7	3.95	18.6	4.17	1	323	0.4	0.65	1.47	<0.5	0.33	0.34	169
40209004		0.36	9.6	18.6	4.35	18.6	4.72	1	316	0.5	0.67	1.57	<0.5	0.38	0.38	195
40209005		0.27	7.0	15.0	3.44	16.0	3.74	1	294	0.4	0.59	1.22	<0.5	0.29	0.27	151
40209006		0.25	7.1	14.4	3.38	22.1	3.42	2	321	0.4	0.53	1.23	<0.5	0.26	0.28	159
40209007		0.15	4.6	9.2	2.26	21.3	2.50	2	266	0.2	0.33	0.78	0.5	0.19	0.19	86
40209007 CRD		0.16	5.3	8.9	2.19	20.5	2.13	2	264	0.2	0.38	1.05	0.7	0.18	0.27	84
40209008		0.30	8.2	15.9	3.76	23.5	3.32	1	328	0.4	0.65	1.37	<0.5	0.32	0.32	168
40209009		0.36	9.0	17.0	4.09	28.8	4.19	2	349	0.4	0.67	1.38	<0.5	0.32	0.40	166
40209010		0.09	5.8	1.37	2.2	5.4	1.33	2	114.0	0.1	0.24	0.85	<0.5	0.08	0.20	106
40209011		0.35	10.2	20.3	4.94	20.4	4.27	2	308	0.6	0.76	1.58	<0.5	0.36	0.42	181
40209012		0.30	8.9	17.2	3.95	17.3	4.15	1	309	0.5	0.67	1.29	<0.5	0.33	0.34	158
40209013		0.26	8.0	16.0	3.70	16.6	3.66	1	288	0.4	0.54	1.10	<0.5	0.29	0.31	145
40209014		0.36	10.7	20.9	4.93	23.8	4.59	2	306	0.5	0.67	1.59	<0.5	0.36	0.44	191
40209015		0.33	9.5	19.1	4.33	17.2	4.42	2	304	0.5	0.74	1.37	<0.5	0.36	0.36	170
40209016		0.30	9.1	18.2	4.15	16.7	4.24	2	296	0.5	0.73	1.33	<0.5	0.30	0.35	157
40209017		0.28	9.4	18.6	4.38	15.4	4.44	1	306	0.6	0.74	1.35	<0.5	0.33	0.33	177
40209018		0.35	10.0	19.3	4.66	20.0	4.54	2	329	0.6	0.78	1.67	<0.5	0.34	0.46	182
40209019		0.33	9.6	18.3	4.31	14.0	4.54	1	304	0.5	0.75	1.60	<0.5	0.34	0.34	164
40209020		0.30	9.0	17.6	4.00	13.8	4.38	1	305	0.5	0.76	1.36	<0.5	0.31	0.32	170
40209021		0.43	10.8	21.9	5.20	16.4	5.10	1	306	0.6	0.83	1.76	<0.5	0.43	0.37	181
40209022		0.39	14.9	21.5	4.90	18.6	4.82	1	325	0.7	0.82	1.67	<0.5	0.39	0.42	179
40209023		0.32	11.1	21.9	4.98	20.5	5.00	1	305	0.6	0.80	1.63	<0.5	0.41	0.41	222
40209024		0.33	11.5	22.2	4.98	16.9	5.13	2	314	0.6	0.84	1.66	<0.5	0.35	0.41	205
40209025		0.32	10.3	19.6	4.46	15.1	4.69	1	305	0.6	0.75	1.51	<0.5	0.33	0.41	174
40209026		0.36	9.9	20.5	4.82	28.5	4.40	3	313	0.5	0.65	2.09	<0.5	0.32	0.76	159

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

***** See Appendix Page for comments regarding this certificate *****



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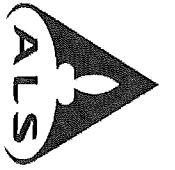
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 % LOI	TOT-ICP06 % Total	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097078	1	16.6	1.63	1.63	97	0.1	0.01	<0.005	0.05	0.4	0.02	2.25	99.28	<0.5	<5	<0.5
40097989	<1	12.8	1.22	1.22	74	8.0	0.34	<0.005	0.19	1.8	0.11	1.69	99.40	0.5	9	0.6
40097990	1	12.7	1.18	1.18	76	8.8	0.40	<0.005	0.22	2.2	0.13	1.70	99.60	0.8	6	0.7
40097991	3	11.6	1.12	1.12	62	26.5	0.35	0.022	0.54	6.2	0.12	4.94	99.26	<0.5	17	0.7
40097992	1	14.8	1.57	1.57	95	0.3	0.21	<0.005	<0.05	2.8	0.14	0.61	99.59	1.1	<5	0.6
40097993	1	16.6	1.77	1.77	101	4.1	0.32	<0.005	0.12	1.6	0.09	1.37	99.65	0.5	<5	0.5
40097994	<1	14.4	1.58	1.58	88	28.7	0.98	<0.005	0.73	3.5	0.22	1.53	98.13	0.9	26	1.1
40097995	1	18.2	1.78	1.78	108	32.0	0.61	0.007	1.27	1.9	0.15	6.71	100.33	<0.5	27	0.5
40097996	1	14.0	1.54	1.54	78	69.4	2.13	0.006	0.86	7.8	0.47	3.76	101.05	1.8	50	2.3
40097997	1	17.4	1.85	1.85	106	32.9	1.31	<0.005	0.86	3.4	0.25	1.39	100.31	1.4	27	1.4
40097998	1	16.6	1.69	1.69	94	37.0	1.52	0.008	1.08	3.7	0.32	1.13	100.50	1.6	28	1.7
40097999	1	19.1	1.76	1.76	107	17.5	0.76	0.005	0.50	2.2	0.14	1.59	100.06	0.6	11	0.9
40209000	1	18.7	1.71	1.71	108	0.3	0.02	<0.005	<0.05	0.4	0.01	0.75	101.85	<0.5	<5	<0.5
40209001	2	22.0	2.07	2.07	127	11.3	0.61	<0.005	0.34	1.5	0.12	2.06	98.36	0.8	10	0.7
40209002	1	20.9	2.19	2.19	125	0.9	0.34	<0.005	0.07	0.7	0.06	0.89	98.68	<0.5	<5	0.5
40209003	2	20.6	1.98	1.98	120	0.8	0.06	<0.005	<0.05	0.7	0.02	0.61	98.13	<0.5	<5	<0.5
40209004	3	22.5	2.23	2.23	130	0.7	0.02	<0.005	0.05	0.5	<0.01	1.84	100.29	<0.5	<5	0.5
40209005	1	18.0	1.73	1.73	106	1.4	0.08	<0.005	0.06	1.0	0.04	2.92	100.18	<0.5	<5	0.5
40209006	1	17.8	1.61	1.61	107	1.8	0.27	<0.005	0.11	1.1	0.05	0.44	99.50	<0.5	<5	0.7
40209007	1	11.2	1.14	1.14	64	40.1	0.47	0.087	1.68	11.6	0.33	5.61	98.99	1.3	34	0.6
40209007 CRD																
40209008	1	11.3	0.94	0.94	64	40.3	0.49	0.105	1.83	10.4	0.35	5.75	95.69	1.0	34	0.7
40209008	<1	19.1	2.08	2.08	121	1.7	0.05	<0.005	0.10	0.8	0.03	2.50	99.70	<0.5	<5	0.5
40209009	1	20.7	2.04	2.04	121	4.7	0.46	<0.005	0.24	2.6	0.17	2.44	98.21	1.3	<5	0.7
40209010	1	7.0	0.61	0.61	33	9.4	1.04	<0.005	0.28	10.0	2.25	9.12	98.18	2.2	9	0.9
40209011	2	24.0	2.24	2.24	136	5.4	0.57	<0.005	0.20	3.3	0.22	1.10	97.36	1.6	<5	1.0
40209012	1	20.0	2.03	2.03	116	4.3	0.52	<0.005	0.18	2.7	0.15	1.42	100.05	1.5	5	0.7
40209013	<1	18.6	2.00	2.00	101	1.3	0.27	0.006	0.06	2.6	0.12	1.65	98.70	1.1	<5	0.8
40209014	1	25.5	2.57	2.57	144	1.0	0.45	<0.005	0.14	2.2	0.12	1.83	98.34	0.9	<5	0.5
40209015	1	21.8	2.12	2.12	134	3.3	0.29	<0.005	0.18	2.6	0.12	1.53	98.92	0.9	5	0.5
40209016	1	20.8	1.97	1.97	111	4.3	0.48	<0.005	0.14	2.7	0.14	1.78	100.12	1.5	<5	0.7
40209017	2	22.5	2.05	2.05	120	5.2	0.50	<0.005	0.18	2.5	0.12	1.63	100.05	1.1	8	0.6
40209018	2	22.6	2.08	2.08	130	0.8	0.45	0.007	0.11	2.8	0.13	1.16	99.08	1.2	<5	0.5
40209019	1	21.6	2.21	2.21	127	0.4	0.09	<0.005	0.05	0.7	0.04	1.20	100.47	<0.5	<5	0.5
40209020	<1	20.4	2.10	2.10	110	0.3	0.09	<0.005	<0.05	1.0	0.05	1.00	99.09	<0.5	<5	<0.5
40209021	1	24.8	2.64	2.64	142	0.7	0.12	<0.005	0.06	1.2	0.04	0.98	99.40	<0.5	<5	<0.5
40209022	<1	24.0	2.68	2.68	135	0.3	0.04	<0.005	0.05	0.7	0.02	0.69	99.51	<0.5	<5	0.5
40209023	1	24.3	2.31	2.31	141	1.0	0.09	<0.005	0.08	0.7	0.03	0.91	100.09	<0.5	<5	<0.5
40209024	1	25.4	2.47	2.47	143	0.4	0.04	<0.005	<0.05	0.5	<0.01	0.59	100.34	<0.5	<5	<0.5
40209025	1	22.3	2.22	2.22	126	0.5	0.13	<0.005	<0.05	1.5	0.08	0.50	100.98	0.8	<5	0.5
40209026	1	22.0	2.32	2.32	126	4.7	0.70	<0.005	0.13	1.2	0.05	0.96	99.46	1.5	8	0.8

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

**** See Appendix Page for comments regarding this certificate ****



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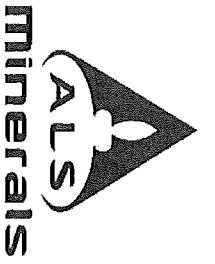
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097078		54	123	20	<1	264	<2	13	86	0.002	0.0047	0.008				
40097989		84	1980	20	<1	1125	4	10	82	0.035	0.0969	0.401				
40097990		89	2400	20	<1	1260	3	12	85	0.045	0.0670	0.446				
40097991		283	2580	20	7	3420	<2	11	82	0.034	0.0740	0.336				
40097992		78	3610	20	<1	1395	<2	13	92	0.066	0.1990	0.695				
40097993		78	1970	20	<1	888	<2	16	98	0.040	0.0589	0.370				
40097994		156	3020	20	2	1820	3	15	101	0.054	0.0679	0.449				
40097995		90	1860	50	1	872	5	16	95	0.037	0.0589	0.348				
40097996		434	5890	20	33	3930	31	18	136	0.107	0.1860	0.743				
40097997		185	3560	20	6	2010	22	16	112	0.059	0.0966	0.441				
40097998		174	3780	20	4	1955	25	16	110	0.076	0.1300	0.605				
40097999		93	1910	20	<1	1045	12	17	101	0.041	0.0704	0.345				
40209000		41	61	10	<1	61	2	27	78	<0.001	<0.0005	0.001				
40209001		74	1840	30	<1	823	9	19	103	0.050	0.0935	0.351				
40209002		52	720	20	<1	360	<2	15	94	0.023	0.0290	0.233				
40209003		50	599	20	<1	328	<2	19	91	0.009	0.0181	0.080				
40209004		52	252	20	<1	224	<2	18	109	0.004	0.0087	0.028				
40209005		55	832	30	<1	469	4	15	93	0.011	0.0102	0.137				
40209006		62	1400	20	<1	730	<2	15	97	0.023	0.0523	0.244				
40209007		366	7870	30	4	6810	2	10	83	0.054	0.0740	0.585				
40209007 CRD		373	8020	30	4	7030	<2	10	83	0.057	0.0703	0.684				
40209008		55	714	30	<1	404	<2	18	91	0.010	0.0156	0.099				
40209009		65	3690	30	<1	1455	10	16	95	0.081	0.1435	0.728				
40209010		204	5320	20	1	7270	14	15	81	0.197	0.464	0.264				
40209011		98	5170	30	<1	2000	5	22	114	0.088	0.1210	0.847				
40209012		92	4620	30	<1	1815	4	19	103	0.067	0.1300	0.697				
40209013		82	3580	30	<1	1480	9	18	115	0.054	0.1005	0.555				
40209014		68	3030	30	<1	1185	<2	21	108	0.045	0.0679	0.467				
40209015		79	3650	20	<1	1355	<2	20	112	0.041	0.1760	0.478				
40209016		92	4150	30	<1	1860	6	18	113	0.059	0.0922	0.653				
40209017		78	3530	30	<1	1320	7	21	137	0.046	0.0805	0.462				
40209018		77	3710	30	<1	1430	<2	20	107	0.051	0.1225	0.572				
40209019		65	1300	20	<1	686	3	20	112	0.018	0.0310	0.165				
40209020		65	1190	30	<1	611	5	19	110	0.016	0.0344	0.160				
40209021		57	1010	20	<1	486	<2	23	105	0.018	0.0152	0.152				
40209022		50	362	20	<1	244	2	20	108	0.008	0.0151	0.059				
40209023		56	963	20	<1	446	<2	24	108	0.014	0.0304	0.117				
40209024		52	469	20	<1	280	<2	23	105	0.008	0.0155	0.059				
40209025		66	2170	20	<1	962	<2	22	105	0.028	0.0720	0.315				
40209026		55	1900	30	<1	515	16	18	99	0.046	0.0535	0.146				

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

***** See Appendix Page for comments regarding this certificate *****



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Project: EB80001747

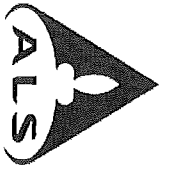
CERTIFICATE OF ANALYSIS TB14121136

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 AS % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40097078																
40097989																
40097990																
40097991																
40097992																
40097993																
40097994																
40097995																
40097996																
40097997																
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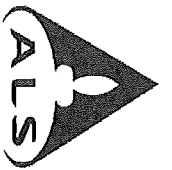
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 Account: KAV

Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40097078				
40097989				
40097990				
40097991				
40097992				
40097993				
40097994				
40097995				
40097996				
40097997				
40097998				
40097999				
40209000				
40209001				
40209002				
40209003				
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40209017				
40209018				
40209019				
40209020				
40209021				
40209022				
40209023				
40209024				
40209025				
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Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**



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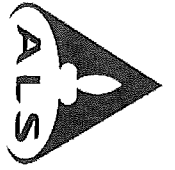
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40209027		7.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40209027 CRD		<0.02														
40209028		1.54														
40209029		3.03														
40209030		0.41														
40209031		1.58														
40209032		1.90														
40209033		1.38														
40209034		5.20														
40209035		4.12	76.0	87.5	45.3	18.05	11.85	9.56	2.19	7.10	1.12	0.03	1.41	0.15	0.16	0.05
40209036		6.23			46.3	17.90	13.30	9.77	2.50	7.03	0.73	0.03	1.66	0.16	0.19	0.04
40209037		6.26			46.0	17.85	12.85	9.46	2.40	6.98	0.93	0.03	1.58	0.15	0.17	0.04
40209038		6.12			46.2	19.95	10.60	10.05	2.32	7.04	0.79	0.03	1.09	0.12	0.13	0.04
40209039		6.65			46.8	18.20	12.45	9.84	2.61	7.00	0.69	0.03	1.63	0.15	0.19	0.04
40209040		0.11			38.6	5.66	16.20	3.80	0.67	24.4	0.25	0.28	0.43	0.15	0.06	0.01
40209041		6.64			46.4	18.10	12.75	9.46	2.46	7.65	0.70	0.03	1.44	0.15	0.19	0.04
40209042		6.29			47.5	18.00	13.15	9.53	2.58	6.94	0.90	0.03	1.67	0.16	0.20	0.04
40209043		6.24			45.6	17.25	13.85	8.89	2.49	6.83	0.95	0.03	1.65	0.15	0.20	0.04
40209044		6.44			45.8	15.65	14.85	8.42	2.59	7.08	0.89	0.03	1.87	0.16	0.23	0.04
40209045		6.54			46.8	15.10	15.50	8.30	2.66	6.61	1.15	0.03	2.33	0.19	0.26	0.04
40209046		6.50			47.3	14.00	17.05	8.34	2.69	5.85	1.10	0.02	2.94	0.20	0.32	0.03
40209047		6.57			45.7	15.80	14.30	8.40	2.55	7.21	0.89	0.03	1.93	0.17	0.23	0.04
40209047 CRD		<0.02			45.8	15.85	14.15	8.41	2.60	7.19	1.21	0.03	1.90	0.17	0.24	0.04
40209048		6.32			46.1	15.90	13.90	7.86	2.57	6.86	1.25	0.03	1.98	0.17	0.26	0.06
40209049		2.99			48.0	17.60	13.30	7.91	2.57	7.58	1.59	0.03	1.65	0.16	0.22	0.06
40209050		3.19			46.4	17.15	12.65	7.77	2.50	7.35	1.44	0.03	1.56	0.15	0.21	0.06
40209051		4.82			44.6	18.50	11.20	7.11	1.50	7.81	2.78	0.02	1.15	0.13	0.14	0.06
40209052		4.87			46.2	17.30	14.55	6.32	2.13	6.72	1.19	0.03	0.96	0.12	0.11	0.03
40209053		0.11			21.7	1.28	37.8	1.31	0.12	19.85	0.68	0.26	0.14	0.12	0.02	<0.01
40209054		1.54			23.8	7.39	49.8	2.38	0.73	3.33	0.68	0.05	0.89	0.12	0.10	0.01
40209055		0.30			46.3	17.75	11.15	9.06	2.42	9.08	0.31	0.03	1.21	0.13	0.15	0.03
40209056		2.23			46.0	16.75	16.45	4.01	1.77	5.66	1.72	0.03	0.83	0.08	0.10	0.03
40209057		4.21			57.8	18.00	9.11	0.58	1.73	2.92	5.11	0.03	0.80	0.06	0.12	0.02
40209058		5.44			66.3	14.65	7.30	2.42	1.86	2.62	2.60	0.03	0.66	0.04	0.12	0.02
40209059		5.72			62.4	16.75	8.13	0.70	1.86	2.74	3.90	0.03	0.75	0.03	0.13	0.02
40209060		0.34			48.1	18.35	10.75	9.70	2.48	9.15	0.42	0.04	1.05	0.13	0.14	0.03
40209061		11.46			63.3	16.40	8.04	0.66	1.98	2.57	3.94	0.03	0.74	0.04	0.12	0.02
40209062		11.08			69.2	13.75	6.60	0.75	2.64	2.45	2.64	0.02	0.61	0.04	0.11	0.02
40209063		11.31			62.3	16.85	8.33	0.59	1.79	2.68	4.18	0.03	0.76	0.04	0.12	0.02
40209064		8.71			59.9	17.05	9.90	0.46	1.66	2.82	4.39	0.02	0.75	0.03	0.12	0.02

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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TO: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80001747

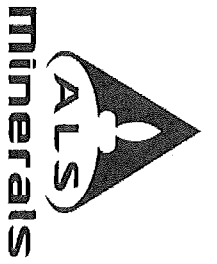
CERTIFICATE OF ANALYSIS TB14121136

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Table with columns: Sample Description, Method Analyte Units, ME-ICP06 BaO %, C-IR07 C %, S-IR08 S %, ME-MS81 Ba ppm, ME-MS81 Ce ppm, ME-MS81 Cr ppm, ME-MS81 Cs ppm, ME-MS81 Dy ppm, ME-MS81 Er ppm, ME-MS81 Eu ppm, ME-MS81 Ga ppm, ME-MS81 Gd ppm, ME-MS81 Hf ppm, ME-MS81 Ho ppm, ME-MS81 La ppm. Rows include sample IDs like 40209027, 40209028, 40209029, etc.

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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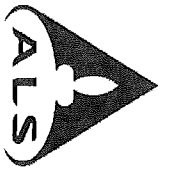
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209027		0.36	10.8	20.7	4.96	29.7	4.67	2	326	0.5	0.79	1.58	<0.5	0.38	0.38	177
40209027 CRD		0.34	10.3	20.0	4.56	29.4	4.78	1	318	0.6	0.76	1.49	<0.5	0.35	0.41	174
40209028		0.30	10.5	17.5	4.07	16.6	3.97	8	205	0.5	0.68	1.30	0.6	0.32	0.40	161
40209029		0.48	13.4	26.4	6.40	23.0	5.90	2	291	0.7	0.99	1.97	<0.5	0.50	0.53	206
40209030		0.21	6.2	13.3	3.23	7.1	2.96	1	271	0.3	0.52	1.04	<0.5	0.24	0.26	137
40209031		0.38	12.3	21.9	5.12	16.4	4.70	5	281	0.6	0.83	1.63	<0.5	0.40	0.44	172
40209032		0.18	5.5	11.5	2.70	9.7	2.74	1	312	0.3	0.43	0.86	<0.5	0.22	0.22	96
40209033		0.35	10.2	19.0	4.14	20.5	4.07	3	260	0.5	0.69	1.36	<0.5	0.32	0.35	160
40209034		0.36	11.0	21.7	4.94	39.3	5.23	2	338	0.6	0.80	1.57	<0.5	0.36	0.33	209
40209035		0.28	8.6	16.7	3.94	42.7	4.03	1	416	0.4	0.62	1.22	<0.5	0.28	0.25	149
40209036		0.32	9.9	19.1	4.65	22.7	4.62	2	337	0.6	0.79	1.43	<0.5	0.34	0.35	169
40209037		0.30	9.1	18.3	4.40	33.3	4.28	1	378	0.5	0.69	1.27	<0.5	0.30	0.33	178
40209038		0.24	6.8	13.9	3.29	27.7	3.30	1	392	0.4	0.57	1.02	<0.5	0.24	0.29	109
40209039		0.36	10.0	19.8	4.84	20.7	4.78	2	351	0.6	0.76	1.41	<0.5	0.38	0.38	167
40209040		0.07	2.2	5.6	1.27	6.6	1.34	1	109.0	0.1	0.22	0.77	<0.5	0.10	0.19	96
40209041		0.28	8.9	16.8	3.76	21.3	4.44	1	321	0.5	0.65	1.30	<0.5	0.33	0.31	152
40209042		0.33	9.8	19.7	4.69	28.1	4.83	1	340	0.6	0.75	1.51	<0.5	0.35	0.36	180
40209043		0.34	9.5	17.8	4.24	31.5	4.03	2	337	0.6	0.70	1.38	<0.5	0.34	0.36	178
40209044		0.38	11.4	21.5	5.02	26.5	5.52	2	306	0.7	0.90	1.85	<0.5	0.40	0.39	198
40209045		0.46	13.6	26.0	6.00	37.1	6.42	2	340	0.8	1.04	2.62	<0.5	0.49	0.53	282
40209046		0.61	16.9	32.3	7.56	31.6	7.73	2	272	1.0	1.28	3.11	<0.5	0.58	0.66	289
40209047		0.39	11.9	22.7	5.10	26.3	5.01	2	324	0.7	0.88	1.84	<0.5	0.41	0.43	205
40209047 CRD		0.39	11.7	22.0	5.05	30.1	5.63	1	316	0.7	0.87	1.73	<0.5	0.38	0.38	199
40209048		0.43	12.5	23.9	5.61	43.5	5.95	2	373	0.7	0.94	1.90	<0.5	0.42	0.48	218
40209049		0.35	10.4	20.2	4.69	52.7	4.77	1	477	0.6	0.70	1.55	<0.5	0.36	0.36	168
40209050		0.29	9.2	17.5	4.20	43.5	4.22	2	419	0.5	0.64	1.43	<0.5	0.30	0.34	150
40209051		0.26	7.1	13.6	3.10	95.4	3.27	1	469	0.4	0.54	0.98	0.6	0.27	0.27	124
40209052		0.24	6.7	15.3	3.60	52.2	3.61	2	272	0.3	0.49	2.36	0.7	0.23	0.23	136
40209053		0.04	0.7	1.8	0.44	1.6	0.45	2	23.2	<0.1	0.07	0.25	<0.5	0.03	<0.05	49
40209054		0.17	5.0	10.8	2.54	27.0	2.33	2	82.6	0.3	0.32	1.75	1.1	0.17	1.20	226
40209055		0.25	6.9	13.7	3.07	7.5	3.38	1	267	0.4	0.56	1.03	<0.5	0.26	0.27	152
40209056		0.27	7.2	18.1	4.65	71.1	3.88	2	206	0.5	0.52	3.86	1.9	0.23	0.23	143
40209057		0.39	11.3	33.1	8.77	24.2	6.24	1	171.0	0.8	0.75	9.36	1.3	0.38	0.38	165
40209058		0.32	9.6	27.5	7.18	108.5	5.40	1	178.0	0.6	0.63	7.57	0.6	0.32	0.32	114
40209059		0.40	10.6	29.9	7.90	172.0	5.63	1	179.5	0.7	0.67	8.87	0.9	0.38	0.38	146
40209060		0.23	5.9	12.8	2.92	10.4	3.31	1	289	0.4	0.49	0.94	<0.5	0.24	0.26	136
40209061		0.38	10.5	29.9	8.12	173.5	5.91	2	187.5	0.6	0.69	8.50	0.8	0.37	0.37	133
40209062		0.35	9.1	27.0	6.76	112.5	5.46	2	168.0	0.6	0.71	7.38	0.5	0.36	0.36	100
40209063		0.40	11.3	32.7	8.73	203	6.08	2	175.0	0.8	0.72	9.11	1.1	0.41	0.41	159
40209064		0.40	10.4	31.5	8.21	203	6.47	2	150.5	0.7	0.78	8.52	1.3	0.42	0.42	159

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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To: RIO TINTO EXPLORATION CANADA INC.
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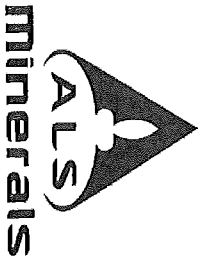
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICDP6 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209027		1	23.6	2.28	134	1.6	0.15	<0.005	0.12	1.2	0.05	1.12	100.80	0.6	<5	0.9
40209027 CRD		<1	23.2	2.15	129	2.1	0.21	<0.005	0.15	1.0	0.03	0.86	98.97	<0.5	<5	0.6
40209028		2	19.9	2.03	114	171.0	17.05	0.009	4.52	18.5	1.93	3.39	95.33	6.2	118	8.7
40209029		1	29.8	2.77	173	3.1	0.54	0.005	0.13	2.5	0.13	0.49	99.12	1.2	7	0.9
40209030		1	16.0	1.46	84	0.4	0.01	<0.005	<0.05	0.3	<0.01	0.89	99.47	<0.5	<5	<0.5
40209031		2	24.7	2.66	144	131.5	9.52	0.007	4.56	11.8	1.99	1.82	98.27	4.0	96	4.5
40209032		2	12.7	1.26	72	3.7	0.05	<0.005	0.09	0.5	0.01	0.72	99.52	<0.5	<5	<0.5
40209033		5	20.9	1.85	117	69.9	2.69	0.011	1.28	11.2	0.66	2.25	98.12	1.8	53	2.1
40209034		1	25.0	2.18	135	1.8	0.23	0.006	0.07	1.4	0.08	0.64	99.64	0.5	<5	0.6
40209035		1	19.5	1.80	106	3.2	0.31	0.014	0.14	1.5	0.05	2.91	99.90	0.5	7	0.5
40209036		5	22.9	2.38	123	1.1	0.32	0.009	0.05	2.5	0.08	0.53	100.16	0.8	6	0.7
40209037		<1	21.1	2.24	114	1.4	1.36	0.005	0.13	1.6	0.06	1.51	99.97	0.6	<5	<0.5
40209038		1	15.5	1.56	94	1.4	0.65	<0.005	0.14	1.9	0.13	1.68	100.06	0.7	<5	<0.5
40209039		1	22.6	2.04	130	0.5	0.23	<0.005	0.08	1.6	0.03	0.66	100.31	0.5	<5	0.5
40209040		2	6.8	0.65	33	8.6	1.12	<0.005	0.25	9.3	2.50	9.12	99.64	2.4	9	1.1
40209041		1	19.7	1.79	114	0.5	0.13	0.005	<0.05	1.8	0.07	0.55	99.94	0.6	<5	0.6
40209042		3	23.5	2.14	129	0.7	0.29	<0.005	<0.05	2.1	0.07	0.74	101.46	0.8	<5	<0.5
40209043		2	22.0	2.11	123	1.6	0.66	0.012	0.12	2.7	0.15	1.29	99.24	1.5	<5	0.7
40209044		1	25.6	2.53	151	3.2	0.57	0.007	0.20	2.9	0.14	1.07	98.71	1.6	5	0.8
40209045		1	31.6	2.97	187	1.2	0.23	<0.005	0.09	1.7	0.04	0.85	99.85	<0.5	5	0.5
40209046		2	39.0	3.64	230	1.9	0.31	0.006	0.18	2.1	0.05	0.69	100.57	0.8	<5	0.8
40209047		4	26.7	2.78	153	0.5	0.23	0.007	0.05	2.0	0.07	0.74	98.02	0.7	<5	0.6
40209047 CRD		1	26.4	2.41	153	0.9	0.26	0.010	<0.05	1.6	0.06	0.66	98.28	0.6	<5	0.7
40209048		1	29.0	2.83	166	2.6	0.10	0.006	0.11	1.3	0.03	1.33	98.31	<0.5	<5	<0.5
40209049		2	23.2	2.49	137	1.8	0.15	0.005	0.06	1.4	0.04	1.22	101.93	<0.5	<5	0.6
40209050		1	20.8	2.08	114	0.9	0.11	<0.005	0.09	1.0	0.06	0.95	98.25	0.5	<5	0.7
40209051		3	16.2	1.48	91	4.9	0.44	0.033	0.27	1.7	0.07	3.95	99.09	0.7	6	0.5
40209052		2	15.4	1.43	85	15.4	0.42	0.042	0.43	1.8	0.12	2.43	98.13	0.7	16	0.8
40209053		2	2.3	0.17	10	4.2	1.02	<0.005	0.22	48.3	3.57	10.90	93.53	2.6	<5	1.6
40209054		3	10.6	1.06	61	46.4	1.25	0.068	0.77	14.3	0.50	7.48	96.78	1.8	47	1.5
40209055		4	16.7	1.72	89	0.6	0.01	<0.005	<0.05	0.6	<0.01	0.93	98.56	<0.5	<5	<0.5
40209056		4	16.1	1.74	92	36.8	0.88	0.077	1.16	2.8	0.13	5.90	99.37	0.7	33	0.9
40209057		2	23.4	2.50	145	23.0	0.11	0.014	0.82	1.5	0.03	4.36	100.75	<0.5	27	<0.5
40209058		6	19.9	2.06	157	6.2	0.06	0.017	0.24	0.5	0.01	3.12	100.72	<0.5	9	<0.5
40209059		3	22.9	2.62	158	5.3	0.08	0.013	0.29	0.5	0.02	3.76	101.27	<0.5	9	<0.5
40209060		3	15.5	1.55	83	0.5	0.01	<0.005	0.05	0.3	<0.01	0.72	101.08	<0.5	<5	<0.5
40209061		2	20.9	2.25	155	4.6	0.07	0.012	0.40	0.5	0.04	3.38	101.29	<0.5	6	<0.5
40209062		6	21.0	2.17	157	11.6	0.04	0.008	0.29	0.3	0.02	2.57	101.47	<0.5	15	<0.5
40209063		5	23.5	2.56	166	8.3	0.09	<0.005	0.34	0.8	0.04	3.49	101.25	<0.5	12	<0.5
40209064		3	24.4	2.70	133	9.1	0.13	0.014	0.40	0.9	0.04	4.02	101.21	<0.5	16	<0.5

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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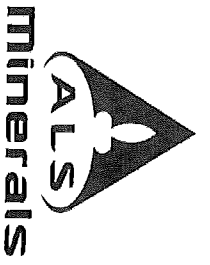
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40209027		70	1840	20	<1	795	9	23	117	0.025	0.0452	0.206				
40209027 CRD		65	1610	20	<1	716	8	22	113	0.025	0.0307	0.209				
40209028		470	>10000	20	2	8430	34	18	219	0.537	0.780	>1.00	2.55			0.55
40209029		69	3700	20	<1	1330	12	24	117	0.063	0.1120	0.590				
40209030		55	153	20	<1	281	<2	16	82	0.002	0.0047	0.008				
40209031		274	>10000	20	<1	4730	152	20	179	0.376	0.854	>1.00	1.290		0.41	0.77
40209032		62	205	20	<1	385	<2	9	78	0.003	0.0069	0.017				
40209033		393	6890	20	2	6210	33	19	136	0.122	0.250	0.982				
40209034		63	1900	20	<1	661	<2	25	118	0.031	0.0313	0.258				
40209035		63	2010	60	<1	742	<2	16	100	0.029	0.0378	0.255				
40209036		75	3230	20	<1	1255	2	16	105	0.038	0.0592	0.402				
40209037		69	2460	40	<1	995	<2	19	100	0.032	0.0541	0.327				
40209038		67	2910	40	<1	1200	2	19	84	0.041	0.0748	0.463				
40209039		65	1900	30	<1	824	5	19	103	0.022	0.0412	0.225				
40209040		206	5410	20	1	7330	14	15	81	0.172	0.455	0.244				
40209041		71	2230	30	<1	1050	10	18	103	0.028	0.0518	0.300				
40209042		67	2420	30	<1	934	4	21	108	0.029	0.0472	0.267				
40209043		93	4900	30	<1	1785	5	20	107	0.059	0.1140	0.733				
40209044		98	4780	20	<1	1775	4	25	120	0.072	0.1085	0.662				
40209045		80	1880	30	<1	905	4	30	137	0.025	0.0335	0.243				
40209046		87	2750	20	<1	1115	6	33	169	0.033	0.0361	0.332				
40209047		74	2490	20	<1	985	3	25	119	0.033	0.1245	0.343				
40209047 CRD		71	2280	20	<1	931	<2	25	118	0.026	0.0399	0.317				
40209048		58	1050	30	<1	436	<2	26	120	0.015	0.0310	0.122				
40209049		67	1550	40	<1	708	6	20	119	0.022	0.0277	0.174				
40209050		63	1420	40	<1	606	2	20	120	0.019	0.0269	0.166				
40209051		66	2510	80	<1	971	2	14	81	0.037	0.0901	0.367				
40209052		114	1790	40	2	916	6	16	142	0.019	0.0256	0.116				
40209053		839	>10000	10	1	>10000	11	7	97	0.160	0.363	0.265	1.330	3.26		
40209054		617	8890	30	25	5680	21	15	240	0.047	0.0438	0.405				
40209055		58	163	20	<1	293	<2	13	86	0.003	0.0046	0.007				
40209056		106	2260	70	4	990	26	18	190	0.027	0.0157	0.169				
40209057		33	402	110	4	207	16	18	132	0.007	0.0045	0.046				
40209058		18	63	80	<1	72	5	17	116	0.001	0.0010	0.001				
40209059		22	69	110	3	87	9	20	144	0.002	0.0013	0.001				
40209060		55	122	20	<1	266	<2	13	82	0.002	0.0048	0.007				
40209061		21	67	100	2	79	8	20	123	0.002	0.0012	0.001				
40209062		15	39	70	<1	62	11	16	100	0.002	0.0009	<0.001				
40209063		23	83	120	4	88	8	20	152	0.002	0.0015	0.001				
40209064		28	108	120	11	103	19	21	226	0.002	0.0017	0.002				

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001747

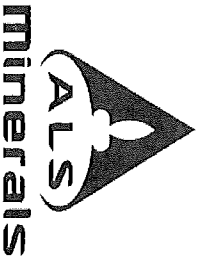
CERTIFICATE OF ANALYSIS TB14121136

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 Finalized Date: 20-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	PGM-ICP27	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
		Pd ppm	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %		
40209027																		
40209027 CRD		4.14	12.15	0.02	6.48	0.052	0.02	2.62	21.1	30.2	0.4	5.23	0.15	0.866	<0.01	8.62		
40209028																		
40209029																		
40209030																		
40209031		2.73																
40209032																		
40209033																		
40209034																		
40209035																		
40209036																		
40209037																		
40209038																		
40209039																		
40209040																		
40209041																		
40209042																		
40209043																		
40209044																		
40209045																		
40209046																		
40209047																		
40209047 CRD																		
40209048																		
40209049																		
40209050																		
40209051																		
40209052																		
40209053		1.30	<0.01	1.48	0.094	0.19	1.420	27.5	39.3	0.1	19.80	0.13	3.43	<0.01	15.30			
40209054																		
40209055																		
40209056																		
40209057																		
40209058																		
40209059																		
40209060																		
40209061																		
40209062																		
40209063																		
40209064																		

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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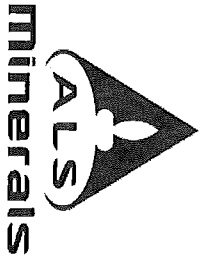
CERTIFICATE OF ANALYSIS TB14121136

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Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40209027				
40209027 CRD		34.7	1.53	0.02
40209028				
40209029				
40209030				
40209031				
40209032				
40209033				
40209034				
40209035				
40209036				
40209037				
40209038				
40209039				
40209040				
40209041				
40209042				
40209043				
40209044				
40209045				
40209046				
40209047				
40209047 CRD				
40209048				
40209049				
40209050				
40209051				
40209052				
40209053		22.5	0.15	0.01
40209054				
40209055				
40209056				
40209057				
40209058				
40209059				
40209060				
40209061				
40209062				
40209063				
40209064				

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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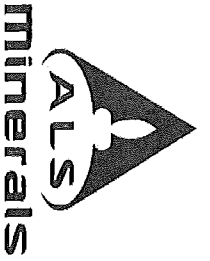
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40209065		7.78			51.9	14.25	14.15	6.15	3.14	3.25	2.11	<0.01	2.88	0.18	0.47	0.09
40209066		8.03			51.0	14.80	12.60	6.16	3.68	3.07	2.97	<0.01	2.48	0.16	0.43	0.07
40209067		12.30			50.9	16.05	11.65	6.67	3.40	2.61	2.98	<0.01	2.33	0.15	0.36	0.09
40209067 CRD		<0.02			51.1	16.05	11.65	6.67	3.41	2.59	2.99	<0.01	2.32	0.15	0.37	0.08
40209068		12.49			53.0	17.80	11.20	7.47	3.81	2.37	2.01	<0.01	2.25	0.14	0.34	0.10
40209069		12.20			51.5	17.80	10.10	7.83	3.76	2.09	1.46	<0.01	2.07	0.12	0.30	0.08
40209070		0.16			36.2	3.03	13.45	1.94	0.20	32.2	0.15	0.57	0.26	0.16	0.04	<0.01
40209071		12.09			52.1	18.00	9.79	7.88	3.81	2.05	1.53	<0.01	1.97	0.12	0.31	0.09
40209072		12.16			52.1	17.95	9.98	7.76	3.82	2.06	1.52	<0.01	2.01	0.12	0.30	0.09
40209073		12.36			52.1	18.10	10.55	8.35	3.78	2.15	1.48	<0.01	2.18	0.13	0.31	0.09
40209074		12.19			52.4	17.95	11.00	8.24	3.74	2.27	1.58	<0.01	2.33	0.13	0.32	0.09
40209075		15.11			50.7	16.85	11.80	7.85	3.47	2.51	1.72	<0.01	2.56	0.15	0.35	0.09
40209076		9.62			49.7	11.65	17.70	7.14	2.95	3.27	1.47	<0.01	1.47	0.23	0.55	0.05
40209077		12.53			51.7	11.80	17.50	6.63	3.08	2.82	1.81	<0.01	3.09	0.22	0.70	0.05
40209078		12.55			50.4	11.85	17.15	6.93	2.80	3.44	1.88	<0.01	3.37	0.23	0.56	0.05
40209079		5.55			48.1	12.55	16.95	6.57	3.21	3.55	1.53	<0.01	3.55	0.21	0.55	0.04
40209080		5.88			47.4	12.45	16.60	6.41	3.15	3.50	1.54	<0.01	3.55	0.20	0.55	0.04
40209081		11.91			51.2	14.20	14.85	6.82	3.17	3.19	2.07	<0.01	3.03	0.17	0.43	0.08
40209082		12.97			50.6	14.60	14.30	7.24	3.25	3.06	1.92	<0.01	3.04	0.18	0.40	0.09
40209083		12.81	80.0	87.3	49.7	14.75	13.90	6.97	3.26	2.86	2.21	<0.01	2.92	0.18	0.41	0.09
40209084		12.80			50.6	13.65	15.85	7.43	3.19	3.43	1.78	<0.01	3.46	0.19	0.44	0.07
40209085		12.51			50.3	13.85	15.45	7.13	3.32	3.23	1.90	<0.01	3.29	0.20	0.44	0.08
40209086		12.28			50.3	14.70	14.15	7.16	3.28	2.99	2.34	<0.01	3.08	0.18	0.43	0.08
40209087		12.32			50.6	15.55	13.15	6.49	3.62	2.82	2.93	<0.01	2.86	0.17	0.40	0.09
40209087 CRD		<0.02			50.3	15.35	13.05	6.43	3.60	2.80	2.87	<0.01	2.83	0.17	0.39	0.09
40209088		12.64			49.2	13.70	15.60	6.80	3.28	3.40	2.13	0.01	3.31	0.19	0.45	0.08
40209089		12.08			49.9	14.55	15.25	6.86	3.23	3.19	2.34	0.01	3.36	0.19	0.44	0.09
40209090		0.48			46.8	18.15	11.45	9.94	2.33	9.49	0.26	0.03	1.24	0.15	0.42	0.03
40209091		7.71			49.4	12.95	17.50	6.22	3.13	4.20	1.98	0.01	3.88	0.21	0.47	0.06
40209092		4.11			58.4	17.85	10.65	0.75	2.04	3.02	3.58	0.03	0.79	0.03	0.11	0.02
40209093		10.76			64.0	16.65	15.60	6.80	3.28	2.68	3.34	0.03	0.80	0.05	0.11	0.01
40209094		11.22			67.7	15.20	6.77	0.71	2.54	2.37	2.60	0.03	0.73	0.05	0.11	0.02
40209095		11.30			65.1	15.20	8.96	0.51	2.21	2.44	2.81	0.03	0.67	0.03	0.09	0.01
40209096		10.86			69.2	14.20	6.65	0.53	2.69	2.09	2.35	0.03	0.65	0.05	0.10	0.02
40209097		10.82			60.5	17.40	9.00	0.38	1.76	2.72	3.68	0.03	0.82	0.05	0.11	0.01
40209098		11.01			60.0	16.95	8.24	0.34	1.70	2.64	3.49	0.03	0.78	0.05	0.12	0.01
40209099		10.87			58.9	17.75	10.35	0.32	1.54	2.82	3.14	0.03	0.80	0.06	0.11	0.01
40209100		0.16			36.2	3.16	13.90	2.08	1.80	3.27	0.14	0.57	0.26	0.16	0.03	<0.01
40209101		10.74			61.3	16.90	8.46	0.51	1.80	2.67	3.40	0.03	0.82	0.07	0.11	0.01
40209102		10.07			67.3	13.95	7.53	0.49	1.90	2.26	2.75	0.02	0.63	0.04	0.09	0.01

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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Project: EB80001747

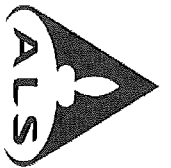
CERTIFICATE OF ANALYSIS TB14121136

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 Total # Pages: 6 (A - G)
 Plus Appendix Pages
 Finalized Date: 20-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209065		0.10	0.06	0.07	828	76.5	20	2.09	7.64	3.98	2.70	26.2	9.01	6.3	1.39	34.3
40209066		0.10	0.18	0.06	875	72.3	10	1.30	6.81	3.66	2.66	25.5	8.39	6.1	1.24	32.4
40209067		0.12	0.09	0.06	1040	60.4	10	1.98	5.76	3.21	2.35	25.2	6.67	5.1	1.15	26.7
40209067 CRD		0.12	0.09	0.07	1035	60.3	10	1.92	5.66	3.10	2.30	25.1	7.13	4.9	1.12	26.5
40209068		0.04	0.05	0.05	350	55.4	10	1.12	5.48	2.86	2.15	26.8	6.55	4.7	1.04	24.5
40209069		0.04	0.04	0.06	359	51.0	10	0.94	5.10	2.54	2.12	26.2	6.18	4.3	0.93	22.9
40209070		0.08	0.22	0.37	748	6.4	4250	0.24	0.78	0.45	0.24	5.6	0.77	0.6	0.15	3.0
40209071		0.04	0.05	0.05	329	51.7	10	1.25	4.82	2.49	2.09	28.8	5.90	4.3	0.97	23.3
40209072		0.04	0.04	0.10	328	52.4	10	1.10	5.13	2.55	2.15	26.6	6.05	4.6	0.97	23.4
40209073		0.04	0.04	0.07	296	52.0	10	1.33	5.08	2.57	2.35	23.3	5.91	4.7	1.00	22.7
40209074		0.04	0.03	0.07	333	57.3	10	1.09	5.29	2.88	2.42	25.3	6.62	5.3	1.06	25.3
40209075		0.06	0.04	0.09	442	51.6	10	1.37	4.99	2.74	2.24	22.3	6.14	4.9	1.02	22.7
40209076		0.09	0.03	0.17	749	90.4	10	2.33	8.23	4.81	3.36	24.3	10.95	9.1	1.80	39.2
40209077		0.11	0.04	0.27	918	110.0	<10	2.25	10.95	5.62	4.00	26.0	13.20	10.3	2.06	48.3
40209078		0.14	0.04	0.09	1305	101.5	<10	2.11	10.00	5.51	3.82	26.9	12.45	9.4	1.97	44.4
40209079		0.08	0.26	0.39	658	87.9	<10	1.27	8.59	4.63	3.17	25.9	10.05	8.2	1.64	38.5
40209080		0.08	0.30	0.13	731	91.7	10	1.23	8.90	4.72	3.49	27.2	11.00	8.6	1.72	40.3
40209081		0.07	0.03	0.09	705	80.7	10	1.40	8.01	4.30	3.19	25.4	9.46	7.3	1.50	35.6
40209082		0.05	0.03	0.06	516	78.6	10	1.26	7.68	4.20	3.24	27.3	8.92	7.1	1.45	34.9
40209083		0.06	0.04	0.07	503	62.7	10	0.98	5.80	3.19	2.61	22.0	7.58	5.4	1.16	27.4
40209084		0.05	0.03	0.08	448	69.8	10	1.48	6.83	3.61	2.70	23.1	8.24	6.3	1.33	30.6
40209085		0.05	0.04	0.05	440	71.1	10	1.10	7.06	3.75	2.94	23.3	8.17	6.4	1.38	31.5
40209086		0.05	0.04	0.16	530	78.8	20	0.86	7.67	4.09	3.46	27.3	9.28	7.1	1.54	34.8
40209087		0.09	0.06	0.15	809	67.6	20	0.76	6.39	3.39	2.86	24.4	8.04	6.0	1.25	29.7
40209087 CRD		0.09	0.04	0.13	754	63.6	10	0.72	5.94	3.18	2.60	22.6	7.57	5.6	1.17	28.4
40209088		0.05	0.03	0.29	521	77.8	30	1.02	7.56	3.92	3.05	25.1	9.02	7.2	1.41	34.6
40209089		0.06	0.03	0.27	476	70.0	50	1.02	6.81	3.71	2.82	24.0	8.30	6.5	1.30	30.7
40209090		0.01	0.02	0.06	121.0	20.4	250	1.80	2.78	1.56	1.11	18.1	2.80	2.3	0.58	9.1
40209091		0.07	0.03	0.40	583	77.0	50	0.96	7.69	4.16	3.06	23.3	9.45	7.3	1.54	33.6
40209092		0.07	0.01	2.27	626	66.2	190	6.63	4.43	2.88	1.67	23.2	5.10	3.9	0.90	32.6
40209093		0.07	0.01	0.58	578	62.6	200	7.77	3.80	2.37	1.34	20.9	4.63	4.8	0.81	30.2
40209094		0.06	0.01	0.17	525	61.1	210	5.63	3.48	2.29	1.30	19.3	4.04	5.3	0.70	29.0
40209095		0.05	0.17	1.79	442	62.2	180	5.07	4.07	2.27	1.25	18.3	4.93	4.2	0.82	30.6
40209096		0.06	0.03	0.53	481	55.1	190	4.94	3.14	1.96	1.16	16.7	3.55	4.6	0.64	26.8
40209097		0.07	0.11	1.32	578	62.2	190	9.50	4.33	2.54	1.33	21.5	4.69	4.1	0.85	31.2
40209098		0.06	0.11	0.93	550	67.5	200	9.96	4.46	2.53	1.40	22.1	5.09	4.0	0.89	32.7
40209099		0.06	0.56	2.24	580	71.4	200	10.05	4.36	2.80	1.36	23.7	4.86	4.2	0.90	36.0
40209100		0.08	0.22	0.37	707	6.1	4540	0.21	0.76	0.36	0.24	4.7	0.21	0.5	0.15	3.0
40209101		0.06	0.41	0.98	559	70.7	210	10.10	4.37	2.71	1.54	21.9	5.14	4.3	0.88	33.9
40209102		0.05	0.67	1.23	438	66.8	170	7.40	3.60	2.21	1.24	17.8	4.22	4.5	0.75	35.3

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80001747

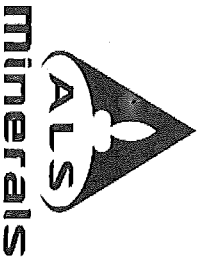
CERTIFICATE OF ANALYSIS TB14121136

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Table with columns: Sample Description, Method Analyte Units LOR, ME-MSB1 Lu ppm, ME-MSB1 Nb ppm, ME-MSB1 Nd ppm, ME-MSB1 Pr ppm, ME-MSB1 Rb ppm, ME-MSB1 Sb ppm, ME-MSB1 Sn ppm, ME-MSB1 Sr ppm, ME-MSB1 Ta ppm, ME-MSB1 Tb ppm, ME-MSB1 Th ppm, ME-MSB1 Ti ppm, ME-MSB1 Tm ppm, ME-MSB1 U ppm, ME-MSB1 V ppm. Rows include sample IDs like 40209065, 40209066, 40209067, 40209068, 40209069, 40209070, 40209071, 40209072, 40209073, 40209074, 40209075, 40209076, 40209077, 40209078, 40209079, 40209080, 40209081, 40209082, 40209083, 40209084, 40209085, 40209086, 40209087, 40209088 CRD, 40209088, 40209089, 40209090, 40209091, 40209092, 40209093, 40209094, 40209095, 40209096, 40209097, 40209098, 40209099, 40209100, 40209101, 40209102.

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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Page: 4 - D
 Total # Pages: 6 (A - G)
 Plus Appendix Pages
 Finalized Date: 20-SEP-2014
 Account: KAV

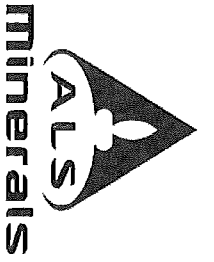
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAD5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209065		2	36.6	3.16	255	2.5	0.05	0.010	0.14	0.5	0.01	1.36	100.03	<0.5	<5	0.5
40209066		1	33.9	3.09	233	1.3	0.05	0.013	0.12	0.8	<0.01	2.34	99.86	<0.5	<5	<0.5
40209067		1	28.9	2.67	198	1.0	0.04	0.009	0.06	0.2	<0.01	1.92	99.23	<0.5	<5	<0.5
40209067 CRD		1	28.9	2.51	206	1.1	0.04	0.010	0.07	0.7	<0.01	1.67	99.17	<0.5	6	0.5
40209068		4	28.8	2.50	178	1.7	0.04	0.008	0.07	0.7	<0.01	1.38	101.92	<0.5	<5	0.6
40209069		2	24.9	2.25	172	1.0	0.03	0.007	0.06	0.5	<0.01	1.19	98.34	<0.5	<5	0.5
40209070		1	4.1	0.45	21	1.8	0.10	0.011	0.59	1.3	0.16	10.80	99.08	1.1	<5	1.2
40209071		3	24.5	2.05	168	1.0	0.03	0.011	0.05	0.7	<0.01	1.38	99.07	<0.5	<5	<0.5
40209072		1	24.7	2.16	174	1.0	0.03	0.007	<0.05	0.6	<0.01	1.26	99.01	<0.5	<5	0.5
40209073		<1	25.3	2.19	188	1.0	0.03	0.006	0.06	0.2	<0.01	1.27	100.53	<0.5	5	0.5
40209074		<1	28.7	2.46	211	1.1	0.03	0.005	0.07	0.7	<0.01	1.33	101.42	<0.5	<5	<0.5
40209075		2	27.1	2.33	190	1.2	0.04	0.006	0.10	0.7	<0.01	1.44	99.55	<0.5	<5	<0.5
40209076		<1	49.6	4.33	362	2.2	0.07	0.008	0.16	1.1	0.01	1.18	99.57	<0.5	<5	0.7
40209077		1	57.8	4.75	410	1.3	0.07	0.010	0.22	1.2	<0.01	1.12	100.63	<0.5	<5	0.6
40209078		2	53.8	4.70	374	1.3	0.05	0.011	0.14	1.1	0.01	1.25	100.05	<0.5	<5	0.6
40209079		1	45.2	4.04	333	9.8	0.06	0.008	0.95	1.5	0.02	2.71	99.60	<0.5	9	0.5
40209080		<1	47.6	4.14	336	2.9	0.05	0.008	0.26	1.4	0.02	3.00	98.47	<0.5	<5	0.7
40209081		2	41.9	3.50	293	1.7	0.04	<0.005	0.11	1.0	0.01	1.24	100.52	<0.5	<5	0.5
40209082		6	41.1	3.36	278	1.2	0.05	0.013	0.09	0.6	<0.01	1.32	100.05	<0.5	<5	0.5
40209083		1	32.1	2.64	216	1.0	0.03	0.012	0.09	0.6	<0.01	1.40	98.71	<0.5	<5	0.5
40209084		<1	36.5	3.06	259	1.4	0.03	0.005	0.13	0.8	0.02	1.20	101.34	<0.5	<5	<0.5
40209085		2	37.3	3.06	257	1.7	0.04	0.015	0.13	0.4	0.01	1.32	100.56	<0.5	<5	0.6
40209086		10	41.0	3.59	287	1.3	0.04	0.007	0.22	0.7	0.01	1.54	100.29	<0.5	<5	<0.5
40209087		3	34.4	3.12	243	0.9	0.04	0.009	0.27	0.8	0.01	1.43	100.20	<0.5	<5	<0.5
40209087 CRD		<1	32.1	2.66	217	0.7	0.04	0.010	0.25	0.5	<0.01	1.52	99.49	<0.5	<5	<0.5
40209088		2	40.9	3.40	287	1.2	0.05	0.009	0.29	0.8	<0.01	1.52	99.72	<0.5	<5	0.5
40209089		<1	36.5	3.02	252	2.2	0.07	0.007	0.29	0.9	0.01	1.50	100.97	<0.5	<5	0.6
40209090		<1	16.0	1.41	91	0.3	0.01	<0.005	<0.05	0.5	<0.01	0.94	100.94	<0.5	<5	0.5
40209091		1	41.8	3.52	288	1.7	0.11	0.014	0.58	1.5	0.02	1.70	101.78	<0.5	<5	0.5
40209092		2	28.0	2.86	151	24.5	0.43	0.025	0.65	1.6	0.05	4.06	101.40	<0.5	19	<0.5
40209093		1	23.2	2.44	185	14.4	0.10	0.012	0.31	1.0	0.04	3.05	101.67	<0.5	12	<0.5
40209094		3	21.1	2.14	202	10.4	0.07	0.008	0.24	0.8	0.03	2.75	101.64	<0.5	11	<0.5
40209095		1	24.3	2.43	159	35.1	0.26	0.020	0.55	1.1	0.06	3.45	101.56	<0.5	28	<0.5
40209096		2	19.2	1.96	188	12.8	0.16	0.011	0.34	0.6	0.03	2.53	101.15	<0.5	11	<0.5
40209097		4	25.1	2.44	152	18.3	0.30	0.009	0.66	1.2	0.05	3.78	100.31	<0.5	14	<0.5
40209098		8	24.8	2.57	159	15.1	0.26	0.009	0.40	0.9	0.04	3.80	98.21	<0.5	14	<0.5
40209099		2	26.9	2.82	163	28.0	0.30	0.014	0.72	1.2	0.06	5.11	101.53	<0.5	27	0.8
40209100		<1	4.3	0.36	23	1.7	0.10	0.023	0.53	1.6	0.16	10.90	100.40	1.0	<5	1.1
40209101		2	25.6	2.65	166	22.2	0.35	0.014	0.37	1.1	0.05	4.51	100.65	<0.5	18	1.0
40209102		4	22.2	2.29	174	24.1	0.28	0.026	0.86	1.1	0.06	4.09	101.11	<0.5	20	1.1

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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Project: EB80001747

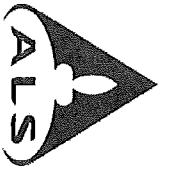
CERTIFICATE OF ANALYSIS TB14121136

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 Finalized Date: 20-SEP-2014
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40209065		38	247	30	<1	34	8	22	204	0.004	0.0034	0.008				
40209066		35	218	30	<1	27	6	20	176	0.003	0.0026	0.007				
40209067		30	213	30	<1	26	5	18	154	0.004	0.0028	0.007				
40209067 CRD		30	214	30	<1	26	5	18	156	0.003	0.0028	0.007				
40209068		30	207	30	<1	25	10	15	154	0.004	0.0028	0.008				
40209069		26	199	30	<1	20	6	15	125	0.003	0.0026	0.008				
40209070		137	565	<10	1	1835	60	9	203	0.018	0.0057	0.004				
40209071		25	197	30	<1	20	2	13	120	0.003	0.0024	0.008				
40209072		25	193	30	<1	20	4	13	100	0.003	0.0026	0.007				
40209073		27	200	30	<1	21	4	15	132	0.003	0.0024	0.007				
40209074		28	210	30	<1	22	2	16	109	0.003	0.0029	0.008				
40209075		33	235	30	<1	24	3	19	128	0.005	0.0037	0.010				
40209076		44	445	20	1	21	5	28	207	0.008	0.0070	0.003				
40209077		40	394	20	1	9	<2	25	210	0.003	0.0031	<0.001				
40209078		44	427	20	<1	23	4	29	211	0.011	0.0096	0.011				
40209079		42	341	30	<1	28	4	28	155	0.005	0.0048	0.010				
40209080		44	348	30	<1	28	4	29	166	0.004	0.0047	0.010				
40209081		41	289	30	<1	32	2	24	118	0.004	0.0040	0.008				
40209082		39	271	30	<1	33	3	22	169	0.005	0.0038	0.009				
40209083		37	266	30	<1	30	7	21	192	0.004	0.0073	0.009				
40209084		44	290	30	<1	41	9	25	135	0.005	0.0042	0.011				
40209085		43	281	30	<1	39	10	25	177	0.004	0.0039	0.007				
40209086		39	273	30	<1	36	2	22	111	0.004	0.0039	0.009				
40209087		37	180	30	<1	33	3	20	121	0.002	0.0035	0.009				
40209087 CRD		37	177	30	<1	34	3	21	119	0.001	0.0033	0.009				
40209088		45	289	30	<1	44	2	26	123	0.002	0.0042	0.010				
40209089		43	276	30	<1	51	<2	24	122	0.003	0.0043	0.016				
40209090		60	123	10	<1	286	<2	12	86	0.002	0.0047	0.007				
40209091		50	244	40	<1	65	4	27	160	0.002	0.0054	0.016				
40209092		31	139	80	20	135	12	21	142	0.002	0.0021	0.003				
40209093		23	55	90	3	86	5	20	154	0.001	0.0013	0.002				
40209094		19	33	80	<1	65	7	17	44	0.001	0.0010	0.003				
40209095		24	91	70	14	92	9	18	142	0.002	0.0016	0.002				
40209096		18	38	50	1	59	6	15	57	0.001	0.0013	0.001				
40209097		25	63	80	4	89	10	21	164	0.002	0.0014	0.002				
40209098		23	58	70	3	82	13	21	164	0.002	0.0013	0.002				
40209099		28	88	50	9	103	20	22	273	0.003	0.0017	0.003				
40209100		146	565	<10	1	1900	57	10	204	0.016	0.0061	0.004				
40209101		25	72	50	6	95	8	20	232	0.002	0.0015	0.002				
40209102		20	76	50	11	90	13	17	258	0.003	0.0014	0.002				

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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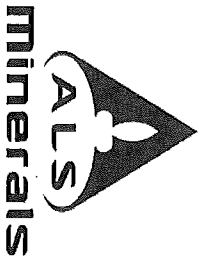
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	PGM-ICP27	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
		Pd ppm	Al2O3 %	As %	CaO %	Co %	Cr %	Cu %	Fe %	Fe2O3 %	K %	MgO %	MnO %	Ni %	Pb %	S %	
40209065		0.03	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01		
40209066																	
40209067																	
40209067 CRD																	
40209068																	
40209069																	
40209070																	
40209071																	
40209072																	
40209073																	
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40209097																	
40209098																	
40209099																	
40209100																	
40209101																	
40209102																	

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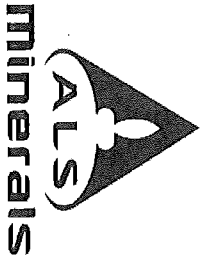
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40209065		0.2	0.01	0.01
40209066				
40209067				
40209067 CRD				
40209068				
40209069				
40209070				
40209071				
40209072				
40209073				
40209074				
40209075				
40209076				
40209077				
40209078				
40209079				
40209080				
40209081				
40209082				
40209083				
40209084				
40209085				
40209086				
40209087				
40209087 CRD				
40209088				
40209089				
40209090				
40209091				
40209092				
40209093				
40209094				
40209095				
40209096				
40209097				
40209098				
40209099				
40209100				
40209101				
40209102				

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TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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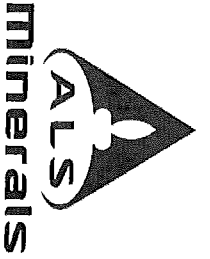
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	WEI-21 Recrd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 S/O %
40209103		10.76	0.02	0.01	61.2	17.90	8.81	0.33	1.72	2.89	3.47	0.03	0.85	0.06	0.13	0.01
40209104		11.22			65.7	14.30	8.17	0.71	2.28	2.40	2.93	0.03	0.64	0.05	0.10	0.01
40209105		10.53			62.5	16.95	8.50	0.47	1.87	2.70	3.40	0.03	0.47	0.05	0.11	0.01
40209106		11.39			60.5	17.80	9.72	0.34	1.59	2.87	3.68	0.03	0.83	0.05	0.11	0.01
40209107		11.44			59.5	17.05	8.43	0.32	1.69	2.74	3.50	0.03	0.80	0.05	0.11	0.01
40209107 CRD		<0.02			61.2	17.90	8.81	0.33	1.72	2.89	3.47	0.03	0.85	0.06	0.13	0.01
40209108		11.31			61.4	17.90	8.76	0.37	1.63	2.93	3.67	0.03	0.84	0.06	0.13	0.01
40209109		3.15			60.4	17.45	8.51	0.29	1.78	2.82	3.52	0.03	0.82	0.06	0.11	0.01
40209110		3.06			61.7	17.90	8.81	0.29	1.86	2.92	3.37	0.03	0.84	0.06	0.12	0.01
40209111		4.46			53.5	14.15	15.05	5.49	2.88	3.86	1.57	0.01	2.98	0.17	0.40	0.04
40209112		11.86			50.5	13.60	16.40	6.99	3.14	3.99	1.20	0.01	3.53	0.20	0.43	0.05
40209113		11.33			49.4	12.90	17.35	7.17	3.24	3.87	1.36	<0.01	3.81	0.22	0.48	0.06
40209114		12.07			49.2	12.90	17.50	7.20	3.21	4.05	1.38	<0.01	3.84	0.21	0.46	0.06
40209115		12.21			49.3	13.60	17.45	7.40	3.25	4.36	1.27	0.01	3.78	0.20	0.42	0.06
40209116		11.52			49.0	13.55	17.30	7.23	3.22	4.42	1.33	0.01	3.63	0.20	0.41	0.06
40209117		11.61			49.4	13.50	17.45	7.36	3.21	4.47	1.12	0.01	3.65	0.21	0.44	0.06
40209118		11.27			47.7	13.20	16.90	6.66	2.82	5.06	1.32	0.01	3.47	0.22	0.40	0.05
40209119		10.88			46.7	13.00	18.00	5.68	2.74	5.01	1.34	0.01	3.58	0.22	0.43	0.04
40209120		0.43			45.6	17.60	11.90	9.38	2.38	9.95	0.57	0.03	1.26	0.14	0.14	0.03
40209121		12.15			47.0	12.45	16.90	7.70	2.89	4.22	1.03	0.01	3.59	0.21	0.42	0.05
40209122		9.59			48.1	12.80	17.35	7.16	3.02	4.40	1.09	0.01	3.69	0.21	0.43	0.05
40209123		9.08			48.9	13.05	17.25	7.12	3.03	4.45	0.81	0.01	3.70	0.22	0.43	0.05
40209124		4.66			58.0	17.80	10.45	0.92	1.43	3.25	3.70	0.03	1.12	0.09	0.17	0.02
40209125		9.73			59.0	18.20	9.03	0.25	1.38	3.05	3.77	0.03	0.86	0.06	0.12	0.01
40209126		10.23			61.0	17.35	7.98	0.36	1.75	2.82	3.37	0.03	0.81	0.07	0.13	0.01
40209127		11.31			60.7	17.45	8.48	0.40	1.75	2.87	3.61	0.03	0.81	0.06	0.13	0.01
40209127 CRD		<0.02			61.3	17.60	8.55	0.41	1.77	2.90	3.60	0.03	0.83	0.06	0.13	0.01
40209128		11.79			59.6	17.65	9.06	0.30	1.63	2.95	3.71	0.03	0.81	0.06	0.13	0.01
40209129		10.54			61.1	17.70	8.68	0.35	1.80	2.97	3.46	0.03	0.82	0.06	0.12	0.01
40209130		0.16			36.2	3.16	13.90	2.04	0.18	32.4	0.10	0.61	0.28	0.16	0.04	0.01
40209131		10.79	89.5	87.8	59.5	17.25	8.70	0.51	1.77	2.90	3.41	0.03	0.80	0.04	0.13	0.01
40209132		11.36			59.1	17.65	8.74	0.60	1.67	2.96	3.60	0.03	0.82	0.04	0.12	0.01
40209133		10.69			58.0	17.70	9.07	0.39	1.62	2.95	3.69	0.03	0.81	0.03	0.12	0.01
40209134		10.97			57.5	17.90	8.91	0.41	1.52	3.01	3.70	0.03	0.82	0.03	0.13	0.01
40209135		11.25			58.8	17.95	8.07	0.53	1.62	3.02	3.63	0.03	0.82	0.04	0.12	0.01
40209136		11.25			57.0	18.25	8.78	0.61	1.43	3.08	3.75	0.03	0.82	0.03	0.12	0.01
40209137		10.75			54.0	15.90	8.32	4.24	1.44	3.16	3.13	0.02	0.70	0.09	0.09	0.02
40209138		10.99			58.1	17.00	8.40	0.45	1.69	2.81	3.36	0.03	0.78	0.03	0.12	0.01
40209139		4.97			59.5	17.95	8.68	0.52	1.65	3.05	3.68	0.03	0.82	0.03	0.09	0.01
40209140		5.57			58.4	17.95	8.61	0.51	1.58	3.06	3.72	0.03	0.82	0.04	0.12	0.01

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

***** See Appendix Page for comments regarding this certificate *****



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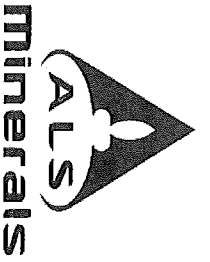
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209103	0.07	0.58	1.71	1.12	625	71.3	210	11.70	4.63	2.84	1.42	24.4	5.19	4.6	0.93	34.5
40209104	0.06	0.20	1.12	1.12	546	67.2	170	5.95	3.95	2.33	1.30	17.4	4.35	4.1	0.76	35.0
40209105	0.06	0.10	1.23	1.23	566	65.7	200	9.19	4.13	2.53	1.40	22.3	4.92	4.3	0.87	32.5
40209106	0.07	0.04	1.79	1.79	651	76.8	220	8.93	4.60	2.63	1.50	25.4	5.37	4.5	0.96	38.0
40209107	0.06	0.02	1.13	1.13	608	72.7	190	6.79	4.75	2.64	1.43	22.7	5.08	4.0	0.95	35.8
40209107 CRD	0.07	0.02	1.14	1.14	594	72.2	180	6.74	4.87	2.64	1.43	22.0	5.22	3.8	0.91	35.2
40209108	0.07	0.02	1.04	1.04	671	73.1	190	10.05	4.74	2.73	1.43	21.7	5.33	4.2	0.96	35.8
40209109	0.07	0.01	1.01	1.01	626	74.1	180	8.61	4.53	2.65	1.35	22.6	5.25	4.1	0.88	36.6
40209110	0.07	0.01	0.95	0.95	611	73.8	180	8.30	4.53	2.55	1.39	22.1	5.03	4.1	0.90	36.3
40209111	0.05	0.01	0.20	0.20	455	79.9	70	7.20	7.44	3.59	2.59	23.3	8.33	6.3	1.38	35.1
40209112	0.06	0.02	0.09	0.09	534	80.5	40	7.07	7.80	3.99	2.93	24.2	9.10	6.9	1.49	34.5
40209113	0.07	0.02	0.07	0.07	611	84.6	30	7.30	8.55	4.50	3.14	24.0	9.90	7.7	1.58	36.1
40209114	0.07	0.03	0.04	0.04	604	81.8	30	8.20	8.06	4.28	3.06	24.1	9.62	7.2	1.55	34.8
40209115	0.06	0.02	0.03	0.03	527	71.3	40	7.68	7.17	3.52	2.74	23.1	8.29	6.5	1.40	30.4
40209116	0.06	0.04	0.04	0.04	549	71.4	40	7.65	7.24	3.62	2.70	23.2	8.46	6.1	1.33	29.8
40209117	0.05	0.05	0.04	0.04	459	77.7	50	8.02	7.99	3.93	2.94	24.1	9.09	6.9	1.52	33.1
40209118	0.05	0.16	0.16	0.16	493	70.8	70	5.23	7.19	3.61	2.66	23.4	8.24	6.3	1.30	30.3
40209119	0.05	0.29	0.08	0.08	465	73.8	60	4.43	7.02	3.83	2.47	23.0	8.69	6.6	1.36	32.0
40209120	0.01	0.02	0.05	0.05	139.0	22.8	180	1.94	3.10	1.75	1.08	17.6	3.23	2.2	0.65	9.9
40209121	0.04	0.45	0.10	0.10	385	74.7	40	5.31	7.38	3.76	2.64	23.4	8.61	6.8	1.41	32.0
40209122	0.05	0.05	0.05	0.05	419	76.5	40	6.32	7.62	3.87	2.94	23.3	8.89	6.7	1.47	32.3
40209123	0.04	0.07	0.07	0.07	354	78.2	40	5.14	7.67	4.04	3.05	23.7	9.23	7.0	1.52	33.2
40209124	0.08	0.03	1.37	1.37	710	75.6	170	6.46	5.29	2.89	1.63	24.4	6.04	4.4	1.07	36.3
40209125	0.07	0.02	1.23	1.23	689	71.6	190	6.78	4.81	2.76	1.41	23.1	5.22	4.0	0.90	35.5
40209126	0.06	0.05	0.67	0.67	588	68.2	180	7.04	4.37	2.60	1.33	21.4	4.89	4.0	0.89	33.4
40209127	0.07	0.15	1.20	1.20	591	69.3	180	10.50	4.54	2.79	1.32	22.2	5.19	4.3	0.94	34.0
40209127 CRD	0.07	0.14	1.12	1.12	634	74.2	180	10.95	4.99	2.76	1.37	23.2	5.14	4.1	1.00	36.0
40209128	0.07	0.39	1.67	1.67	628	72.4	180	12.65	4.83	2.80	1.40	22.3	5.41	3.9	0.92	35.2
40209129	0.06	0.44	1.30	1.30	578	69.4	180	10.50	4.92	2.80	1.32	22.5	5.55	4.1	0.93	32.8
40209130	0.08	0.22	0.39	0.39	695	6.6	4270	0.20	0.78	0.42	0.22	4.7	0.81	0.5	0.15	3.1
40209131	0.06	0.61	1.50	1.50	576	70.6	180	10.80	4.89	2.79	1.31	22.6	5.39	4.0	0.93	33.3
40209132	0.06	0.63	1.40	1.40	580	68.8	190	11.50	4.72	2.74	1.47	23.0	5.24	4.0	0.93	32.7
40209133	0.06	0.64	1.63	1.63	593	71.2	180	11.35	4.73	2.77	1.41	22.9	5.20	4.0	1.00	34.7
40209134	0.06	0.73	1.31	1.31	598	72.3	180	11.65	4.71	2.83	1.35	23.2	5.51	3.9	0.94	35.2
40209135	0.06	0.61	0.61	0.61	598	73.8	190	12.35	5.09	2.65	1.46	23.7	5.59	3.9	0.95	35.6
40209136	0.05	0.93	1.07	1.07	617	74.0	190	12.55	5.33	3.02	1.42	24.3	5.61	3.9	0.99	36.2
40209137	0.06	1.64	1.10	1.10	495	67.0	170	10.30	5.10	2.81	1.68	20.8	5.68	3.9	0.94	32.8
40209138	0.05	0.91	1.32	1.32	541	71.6	200	11.60	4.80	2.83	1.40	22.4	5.22	4.2	0.98	34.5
40209139	0.06	0.70	1.14	1.14	499	68.7	180	11.35	4.69	2.74	1.33	22.1	5.20	3.9	0.88	33.4
40209140	0.06	0.73	0.99	0.99	516	70.5	190	11.90	4.78	2.87	1.38	22.9	4.98	4.2	0.92	34.0

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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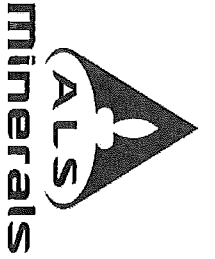
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CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209103		0.44	11.8	32.7	8.63	191.5	6.22	2	97.5	0.8	0.79	10.25	2.3	0.41	8.97	200
40209104		0.33	8.6	29.0	7.85	126.5	5.60	2	127.0	0.6	0.69	7.34	1.1	0.34	4.68	124
40209105		0.39	10.8	30.1	8.21	168.0	6.16	2	109.5	0.8	0.75	9.16	1.4	0.40	6.52	180
40209106		0.42	12.5	35.2	9.58	186.5	6.92	2	104.0	0.9	0.81	10.15	1.1	0.40	7.06	191
40209107		0.42	11.7	33.4	9.00	158.0	6.82	2	96.3	0.7	0.78	9.03	0.8	0.43	6.01	184
40209107 CRD		0.42	11.4	33.3	8.80	155.5	6.77	2	94.3	0.7	0.74	8.98	0.9	0.41	6.00	162
40209108		0.45	11.1	33.9	9.15	171.0	6.99	2	104.0	0.8	0.82	8.98	0.9	0.46	6.42	162
40209109		0.39	11.4	34.6	8.98	154.5	6.87	2	97.8	0.7	0.78	8.99	0.7	0.40	6.06	158
40209110		0.44	11.2	33.2	9.08	150.0	6.62	2	94.8	0.7	0.78	8.97	0.7	0.42	5.98	157
40209111		0.48	22.8	42.0	10.25	70.4	9.54	2	37.5	1.4	1.30	5.54	<0.5	0.56	2.43	351
40209112		0.50	26.6	43.1	10.20	53.2	9.80	2	44.6	1.7	1.35	4.90	<0.5	0.58	1.68	410
40209113		0.53	29.1	46.5	10.95	54.2	10.95	2	47.7	1.8	1.45	4.79	<0.5	0.58	1.46	405
40209114		0.55	28.1	44.7	10.70	52.7	10.40	2	48.9	1.8	1.44	4.61	<0.5	0.58	1.41	430
40209115		0.47	24.9	39.9	9.33	47.6	9.05	2	51.2	1.5	1.24	4.00	<0.5	0.51	1.22	436
40209116		0.44	24.1	38.6	9.23	50.1	8.90	2	50.6	1.5	1.28	3.92	<0.5	0.50	1.21	431
40209117		0.50	26.8	42.7	10.15	46.7	10.05	2	50.8	1.7	1.40	4.28	<0.5	0.56	1.32	436
40209118		0.46	24.9	38.7	9.21	49.7	9.11	2	42.9	1.5	1.24	3.93	<0.5	0.48	1.22	420
40209119		0.47	25.4	40.2	9.60	48.3	9.01	2	34.1	1.5	1.27	4.15	<0.5	0.52	1.23	425
40209120		0.25	6.8	2.89	2.89	12.3	2.96	1	27.0	0.4	0.53	0.98	<0.5	0.25	0.29	148
40209121		0.47	25.9	40.9	9.73	40.7	9.42	2	40.5	1.6	1.28	4.13	<0.5	0.51	1.32	418
40209122		0.51	26.6	41.1	9.86	45.0	9.80	2	44.5	1.6	1.34	4.14	<0.5	0.56	1.30	431
40209123		0.50	26.6	42.7	10.10	33.5	10.20	2	44.9	1.8	1.41	4.52	<0.5	0.58	1.35	439
40209124		0.47	14.0	36.3	9.51	159.5	7.32	2	139.0	0.9	0.89	8.79	1.0	0.48	6.83	425
40209125		0.45	11.6	33.0	8.83	166.5	6.50	2	98.7	0.8	0.79	9.21	1.1	0.42	6.92	189
40209126		0.42	11.0	30.5	8.24	153.0	6.19	2	102.0	0.8	0.76	8.88	0.8	0.37	5.61	156
40209127		0.41	11.1	31.1	8.47	173.5	6.59	2	93.8	0.7	0.81	8.87	1.3	0.42	6.29	163
40209127 CRD		0.46	13.8	34.0	9.01	184.0	7.04	2	99.9	0.8	0.83	9.43	1.2	0.45	6.66	175
40209128		0.43	11.7	33.0	8.94	186.5	6.97	2	95.3	0.7	0.81	9.16	1.7	0.42	7.90	173
40209129		0.44	11.7	32.2	8.63	170.5	7.00	2	91.4	0.8	0.83	9.26	1.3	0.43	7.25	167
40209130		0.07	0.8	3.2	0.79	3.8	0.75	1	49.6	0.1	0.13	0.50	<0.5	0.06	0.10	46
40209131		0.43	11.4	33.1	8.95	173.5	6.94	2	89.5	0.8	0.86	8.94	1.5	0.42	7.37	175
40209132		0.42	11.2	32.3	8.59	184.0	6.47	8	86.1	0.7	0.84	8.87	1.3	0.43	7.22	169
40209133		0.45	11.2	33.5	8.87	187.5	6.90	2	83.3	0.7	0.76	8.96	1.7	0.42	7.16	172
40209134		0.45	11.3	33.9	9.02	188.5	6.89	2	80.3	0.7	0.85	9.14	1.7	0.43	6.92	176
40209135		0.47	11.5	35.0	9.39	187.0	6.85	2	93.5	0.7	0.83	9.37	1.1	0.43	6.25	171
40209136		0.46	11.5	34.7	9.25	197.5	6.85	2	80.0	0.8	0.86	9.44	1.2	0.46	7.99	188
40209137		0.46	10.3	31.6	8.40	159.0	6.47	2	193.5	0.7	0.86	8.24	1.1	0.44	6.78	159
40209138		0.42	10.9	33.1	8.74	179.5	6.85	2	90.2	0.8	0.82	9.04	1.3	0.42	7.32	172
40209139		0.39	11.0	31.0	8.57	174.5	6.40	2	76.2	0.7	0.81	8.61	1.0	0.39	6.47	164
40209140		0.41	11.2	31.9	8.66	180.5	6.50	2	74.6	0.8	0.80	9.02	1.1	0.40	7.08	169

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**



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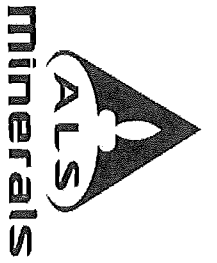
Project: EB80001747
CERTIFICATE OF ANALYSIS TB14121136

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRABS LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209103	4	27.3	2.89	172	25.0	0.34	0.009	0.72	1.5	0.06	5.03	101.36	<0.5	22	0.7	
40209104	2	22.4	2.15	157	11.5	0.46	0.017	0.45	1.1	0.05	3.29	100.67	<0.5	11	<0.5	
40209105	3	25.5	2.87	163	17.5	0.28	0.012	0.42	1.0	0.04	3.66	101.10	<0.5	15	0.7	
40209106	3	28.2	2.81	169	122.5	0.33	0.012	0.96	1.0	0.06	4.17	101.77	<0.5	98	<0.5	
40209107	3	24.3	2.82	155	13.2	0.14	0.013	0.52	1.1	0.04	3.92	98.21	<0.5	10	<0.5	
40209107 CRD	2	24.3	2.58	151	11.5	0.13	0.010	0.44	0.8	0.03	3.83	101.30	<0.5	11	<0.5	
40209108	2	25.0	2.78	157	10.8	0.11	0.010	0.47	0.8	0.04	3.82	101.62	<0.5	9	<0.5	
40209109	2	23.8	2.73	155	13.5	0.12	0.014	0.25	1.1	0.05	3.63	99.50	<0.5	10	<0.5	
40209110	3	23.5	2.67	150	14.0	0.11	0.009	0.24	0.9	0.04	3.61	101.59	<0.5	13	<0.5	
40209111	5	34.6	3.50	253	4.0	0.07	0.006	0.24	1.2	0.02	1.68	101.83	<0.5	<5	0.5	
40209112	2	37.3	3.22	279	4.1	0.06	0.011	0.26	1.1	0.02	1.22	101.32	<0.5	<5	<0.5	
40209113	5	40.2	3.84	303	2.2	0.05	0.011	0.20	1.2	0.01	0.85	100.78	<0.5	<5	0.7	
40209114	2	38.2	3.60	294	2.0	0.05	0.007	0.14	1.2	0.02	0.67	100.75	<0.5	<5	0.5	
40209115	4	33.8	3.17	255	1.8	0.04	0.009	0.11	1.3	0.02	0.74	101.90	<0.5	<5	<0.5	
40209116	9	33.7	3.25	245	1.9	0.05	0.008	0.14	1.0	0.01	1.01	101.43	<0.5	<5	<0.5	
40209117	1	36.7	3.45	275	1.8	0.05	0.007	0.15	1.5	0.02	0.96	101.89	<0.5	<5	0.5	
40209118	2	33.4	3.15	252	4.8	0.07	0.012	0.15	1.1	0.02	2.29	100.15	<0.5	<5	<0.5	
40209119	1	34.0	3.10	264	4.8	0.04	0.017	0.32	1.3	0.01	3.87	100.67	<0.5	<5	<0.5	
40209120	3	15.9	1.51	91	0.4	0.01	<0.005	<0.05	0.5	0.02	0.89	99.88	<0.5	<5	<0.5	
40209121	2	35.4	3.19	262	3.4	0.05	0.023	0.27	1.3	0.02	2.97	99.48	<0.5	<5	<0.5	
40209122	3	36.1	3.41	270	2.6	0.04	0.011	0.15	1.1	0.03	1.24	99.60	<0.5	<5	0.5	
40209123	2	36.7	3.35	271	2.4	0.05	0.015	0.16	1.0	0.02	1.61	100.67	<0.5	<5	<0.5	
40209124	3	27.1	3.03	174	15.0	0.11	0.038	0.96	1.4	0.04	3.92	101.11	<0.5	11	<0.5	
40209125	3	24.5	2.79	148	16.0	0.24	0.026	0.81	0.9	0.05	4.14	99.97	<0.5	16	<0.5	
40209126	2	23.1	2.74	153	15.6	0.23	0.037	0.37	0.6	0.04	3.65	99.39	<0.5	11	<0.5	
40209127 CRD	4	24.2	2.70	155	20.5	0.26	0.052	0.58	1.2	0.03	3.76	100.13	<0.5	18	0.6	
40209128	3	25.8	2.94	158	20.0	0.27	0.050	0.57	1.0	0.04	3.88	101.14	<0.5	19	0.7	
40209129	3	26.2	2.74	156	22.4	0.28	0.049	0.95	1.0	0.05	4.41	100.42	<0.5	21	0.7	
40209130	1	4.1	0.46	21	1.9	0.10	0.013	0.63	1.1	0.05	4.78	101.94	<0.5	22	0.8	
40209131	3	25.8	2.93	155	20.7	0.25	0.052	0.58	1.19	0.06	4.91	100.02	<0.5	19	0.9	
40209132	7	25.9	2.84	148	22.1	0.27	0.056	0.79	0.9	0.05	4.99	100.39	<0.5	20	<0.5	
40209133	4	25.6	2.79	148	21.5	0.28	0.075	1.15	0.8	0.05	5.21	99.69	<0.5	25	<0.5	
40209134	2	25.8	2.80	146	22.6	0.30	0.084	1.13	0.8	0.05	5.33	99.36	<0.5	20	0.7	
40209135	4	25.7	2.94	151	15.5	0.27	0.071	0.70	0.7	0.04	5.09	99.79	<0.5	15	<0.5	
40209136	4	27.2	2.98	147	21.8	0.33	0.114	1.56	1.1	0.06	5.73	99.70	<0.5	19	0.9	
40209137	9	27.0	2.77	141	24.2	0.24	0.078	1.28	1.2	0.04	6.29	97.45	<0.5	23	0.7	
40209138	7	26.1	2.97	162	22.6	0.30	0.121	1.36	1.0	0.05	5.51	98.34	<0.5	20	0.5	
40209139	3	24.4	2.63	139	18.1	0.27	0.092	1.48	0.8	0.05	5.56	101.63	<0.5	16	<0.5	
40209140	3	25.3	2.53	143	16.5	0.27	0.094	1.28	0.9	0.05	5.53	100.44	<0.5	19	<0.5	

Comments: **Corrected copy for FGM-MS24 on samples 40209037 to 40209050**

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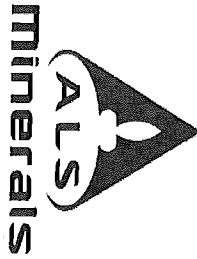
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40209103		27	84	50	7	101	15	21	188	0.003	0.0017	0.003				
40209104		20	68	50	3	68	9	15	102	0.002	0.0010	0.002				
40209105		22	70	50	5	91	11	13	192	0.002	0.0014	0.002				
40209106		27	72	60	4	92	8	21	166	0.004	0.0014	0.002				
40209107		24	63	60	3	88	9	20	166	0.001	0.0013	0.002				
40209107 CRD		24	63	60	3	86	7	20	164	0.001	0.0013	0.002				
40209108		23	64	80	3	84	10	20	153	0.002	0.0013	0.002				
40209109		23	62	80	2	86	10	22	186	0.002	0.0012	0.002				
40209110		23	60	80	2	83	7	21	133	0.002	0.0013	0.002				
40209111		44	212	40	<1	73	7	25	136	0.003	0.0023	0.008				
40209112		47	236	20	<1	58	5	26	158	0.004	0.0025	0.010				
40209113		47	285	20	<1	51	6	26	190	0.005	0.0029	0.012				
40209114		52	280	20	<1	61	6	27	163	0.004	0.0029	0.011				
40209115		55	261	20	<1	82	3	26	156	0.004	0.0027	0.011				
40209116		56	258	20	<1	83	<2	25	153	0.004	0.0028	0.011				
40209117		56	270	20	<1	85	<2	26	156	0.004	0.0028	0.011				
40209118		59	246	20	<1	123	4	23	146	0.004	0.0026	0.014				
40209119		55	259	30	<1	99	8	25	159	0.004	0.0026	0.011				
40209120		65	128	20	<1	304	<2	13	85	0.003	0.0049	0.007				
40209121		51	252	30	<1	71	9	24	181	0.004	0.0026	0.010				
40209122		55	264	20	<1	79	<2	25	156	0.004	0.0027	0.011				
40209123		54	263	20	<1	82	3	25	153	0.004	0.0028	0.011				
40209124		32	111	70	4	96	5	24	193	0.003	0.0017	0.003				
40209125		25	65	90	4	94	9	22	137	0.002	0.0013	0.002				
40209126		21	56	80	2	80	7	20	168	0.001	0.0012	0.002				
40209127		22	69	90	5	90	15	22	236	0.002	0.0013	0.002				
40209127 CRD		24	69	90	5	88	16	22	241	0.002	0.0013	0.002				
40209128		25	85	80	6	91	15	21	228	0.003	0.0015	0.002				
40209129		23	74	60	4	84	19	21	241	0.003	0.0013	0.002				
40209130		142	553	<10	1	1830	53	10	191	0.016	0.0060	0.004				
40209131		22	79	60	5	84	16	22	209	0.004	0.0016	0.002				
40209132		24	80	70	4	88	15	23	200	0.003	0.0014	0.002				
40209133		25	79	70	4	83	14	22	181	0.003	0.0014	0.002				
40209134		24	87	80	6	91	17	23	215	0.003	0.0015	0.002				
40209135		21	69	80	3	81	14	22	176	0.002	0.0012	0.002				
40209136		25	100	80	6	90	24	23	221	0.003	0.0016	0.003				
40209137		22	74	80	4	83	19	19	175	0.002	0.0012	0.002				
40209138		23	87	80	5	88	20	22	201	0.003	0.0016	0.002				
40209139		23	75	90	4	87	14	22	185	0.003	0.0013	0.002				
40209140		23	78	90	4	87	14	22	193	0.003	0.0014	0.002				

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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Project: EB80001747

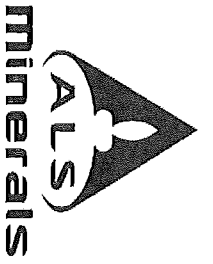
CERTIFICATE OF ANALYSIS TB14121136

Page: 5 - F
 Total # Pages: 6 (A - G)
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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40209103																
40209104																
40209105																
40209106																
40209107																
40209107 CRD																
40209108																
40209109																
40209110																
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Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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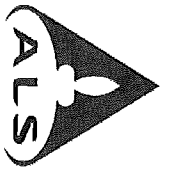
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
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40209104				
40209105				
40209106				
40209107				
40209107 CRD				
40209108				
40209109				
40209110				
40209111				
40209112				
40209113				
40209114				
40209115				
40209116				
40209117				
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40209132				
40209133				
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40209137				
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40209139				
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Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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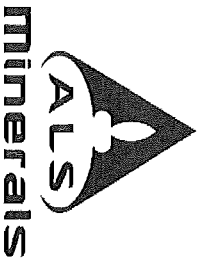
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CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40209141		11.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40209142		10.96			60.5	17.30	8.41	1.02	1.75	2.99	3.42	0.03	0.80	0.04	0.10	0.01
40209143		11.39			60.3	17.35	8.73	0.51	1.75	2.93	3.50	0.03	0.79	0.03	0.10	0.01
40209144		10.71			58.3	17.00	8.97	0.70	1.67	2.92	3.30	0.03	0.76	0.03	0.11	0.01
40209145		11.28			58.2	17.55	8.93	0.59	1.59	3.01	3.46	0.03	0.78	0.03	0.11	0.01
40209146		11.08			61.1	16.20	8.65	0.79	1.96	2.78	3.02	0.03	0.76	0.04	0.11	0.01
40209147		11.42			62.0	16.40	8.18	0.65	2.02	2.74	3.07	0.03	0.77	0.03	0.12	0.01
40209147 CRD		<0.02			62.4	15.55	7.68	1.04	2.19	2.62	2.78	0.03	0.73	0.03	0.11	0.01
40209148		9.10			64.4	15.40	7.65	1.03	2.15	2.54	2.71	0.03	0.72	0.03	0.11	0.01
40209149		5.14			61.6	16.65	8.15	1.20	1.85	2.83	3.12	0.03	0.78	0.04	0.11	0.01
40209150		0.53			48.5	13.55	17.10	7.10	2.99	3.81	1.13	0.01	3.71	0.19	0.43	0.05
40209151		7.32			46.1	18.40	11.10	10.05	2.37	9.32	0.37	0.03	1.09	0.15	0.12	0.03
40209152		10.79			59.2	18.15	8.69	0.58	1.42	3.11	3.79	0.03	0.83	0.03	0.10	0.01
40209153		11.03			61.0	16.80	7.85	0.98	1.85	2.91	3.22	0.03	0.79	0.04	0.11	0.01
					61.0	16.90	7.55	0.86	1.89	2.85	3.24	0.03	0.78	0.03	0.12	0.01

Comments: **Corrected copy for PGM-MSZ4 on samples 40209037 to 40209050**

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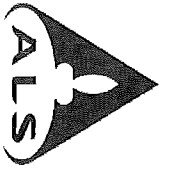
CERTIFICATE OF ANALYSIS TB14121136

Page: 6 - B
 Total # Pages: 6 (A - G)
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 Finalized Date: 20-SEP-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209141		0.06	0.65	0.86	488	70.3	190	11.15	4.85	2.84	1.33	22.2	5.51	4.0	0.89	34.1
40209142		0.06	0.91	1.28	492	71.6	190	12.15	4.75	2.95	1.43	22.9	5.49	4.3	0.95	34.6
40209143		0.05	0.84	1.69	475	70.5	190	11.95	4.70	2.77	1.42	22.5	5.50	4.1	0.90	34.5
40209144		0.05	0.70	1.55	493	72.5	200	12.70	4.65	2.96	1.41	23.4	5.25	4.0	0.90	35.4
40209145		0.05	0.69	1.50	412	66.0	200	10.70	4.43	2.43	1.25	20.6	5.07	4.1	0.82	31.7
40209146		0.05	0.59	1.12	398	64.9	190	10.30	4.32	2.38	1.29	20.2	4.91	4.1	0.78	31.2
40209147		0.04	0.73	0.92	374	63.0	200	9.65	4.23	2.49	1.18	19.1	4.80	3.9	0.80	30.2
40209147 CRD		0.04	0.73	0.91	360	61.6	200	9.15	3.98	2.51	1.29	18.7	4.64	4.1	0.78	29.1
40209148		0.05	0.53	0.70	444	65.4	200	11.30	4.48	2.64	1.44	20.3	5.24	4.4	0.83	31.8
40209149		0.04	0.60	0.14	313	80.3	40	4.68	7.99	4.04	2.89	24.7	9.31	7.1	1.49	34.6
40209150		0.02	0.02	0.05	129.5	22.7	230	1.91	3.00	1.89	1.05	18.0	3.21	2.2	0.59	10.2
40209151		0.06	0.48	0.75	555	69.4	190	12.70	5.04	2.76	1.43	24.3	5.36	3.9	0.93	33.0
40209152		0.05	0.77	0.63	435	67.4	200	11.55	4.58	2.68	1.31	21.0	5.31	4.4	0.82	31.5
40209153		0.05	0.62	0.29	440	67.9	200	11.05	4.37	2.67	1.28	22.1	4.96	4.1	0.81	32.5

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

***** See Appendix Page for comments regarding this certificate *****



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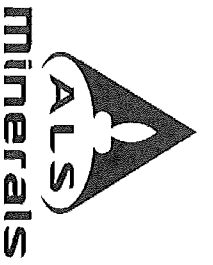
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209141		0.39	11.1	31.1	8.61	168.5	6.54	2	97.5	0.7	0.80	8.44	1.0	0.40	5.83	158
40209142		0.43	11.2	32.1	8.76	175.5	6.83	2	90.9	0.8	0.80	8.85	1.1	0.42	7.17	170
40209143		0.42	11.2	32.0	8.84	172.0	6.77	2	86.8	0.7	0.84	8.71	1.3	0.42	6.79	162
40209144		0.43	11.5	31.8	8.92	182.0	6.87	2	77.2	0.8	0.80	9.16	1.1	0.43	6.65	168
40209145		0.39	10.6	29.6	8.22	150.0	6.01	2	94.4	0.7	0.77	8.13	1.0	0.35	5.88	143
40209146		0.36	10.4	29.3	7.99	146.0	5.98	2	91.4	0.7	0.74	8.13	0.9	0.37	5.43	139
40209147		0.37	10.3	28.6	7.80	137.5	5.72	2	93.8	0.7	0.74	7.88	0.9	0.35	5.14	137
40209147 CRD		0.34	10.2	27.5	7.50	133.0	5.64	2	92.1	0.7	0.70	7.63	0.9	0.33	5.02	133
40209148		0.38	10.6	29.8	8.22	149.0	6.03	2	118.5	0.7	0.76	8.32	0.9	0.40	4.69	146
40209149		0.49	27.0	42.7	10.35	39.0	9.96	3	48.1	1.7	1.41	4.46	<0.5	0.53	1.40	449
40209150		0.26	6.4	12.1	2.98	10.4	3.06	1	287	0.4	0.50	0.99	<0.5	0.26	0.31	141
40209151		0.44	11.4	31.2	8.49	180.0	6.25	2	86.3	0.8	0.78	9.22	0.9	0.42	5.91	169
40209152		0.42	10.8	30.5	8.42	161.5	6.43	2	93.2	0.7	0.80	8.71	0.8	0.40	5.86	166
40209153		0.37	10.9	31.0	8.50	159.5	6.59	3	85.1	0.7	0.75	8.37	0.7	0.36	5.17	154

Comments: **Corrected copy for PGM-MSZ4 on samples 40209037 to 40209050**

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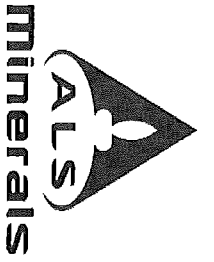
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209141		7	26.0	2.59	147	19.9	0.24	0.065	0.77	0.8	0.05	5.15	101.58	<0.5	20	<0.5
40209142		8	26.0	2.56	153	19.5	0.26	0.094	1.41	0.9	0.04	5.57	101.66	<0.5	21	0.6
40209143		2	25.8	2.50	150	19.4	0.25	0.108	1.22	0.7	0.05	5.94	99.79	<0.5	20	<0.5
40209144		6	25.9	2.75	150	24.2	0.30	0.141	1.26	0.8	0.05	5.96	100.30	<0.5	23	<0.5
40209145		3	23.3	2.47	150	19.3	0.22	0.125	1.05	0.6	0.03	5.51	101.01	<0.5	19	<0.5
40209146		4	22.8	2.49	149	20.0	0.22	0.106	0.92	0.7	0.03	5.20	101.27	<0.5	17	<0.5
40209147		4	22.6	2.27	149	17.7	0.20	0.117	1.61	0.7	0.03	4.94	100.15	<0.5	19	<0.5
40209147 CRD		5	22.3	2.17	150	17.7	0.21	0.125	1.57	0.7	0.04	4.85	101.67	<0.5	18	<0.5
40209148		3	24.0	2.61	152	13.6	0.22	0.083	0.64	0.8	0.04	4.78	101.20	<0.5	13	<0.5
40209149		3	37.8	3.38	274	1.8	0.05	0.042	0.14	1.1	0.02	3.25	101.86	<0.5	<5	0.5
40209150		6	16.4	1.57	83	1.0	0.02	<0.005	0.06	0.5	0.02	0.97	100.12	<0.5	<5	<0.5
40209151		2	25.1	2.77	139	13.0	0.27	0.100	0.54	0.8	0.06	5.14	101.14	<0.5	13	<0.5
40209152		2	24.6	2.56	160	13.6	0.25	0.174	1.49	0.8	0.04	5.40	101.04	<0.5	13	<0.5
40209153		9	23.5	2.51	148	9.5	0.24	0.179	0.72	0.8	0.04	5.05	100.36	<0.5	9	0.5

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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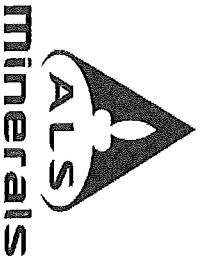
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40209141		22	63	80	2	82	12	21	152	0.002	0.0012	0.002				
40209142		23	83	80	4	89	16	22	199	0.003	0.0018	0.002				
40209143		23	74	90	4	87	19	21	171	0.003	0.0014	0.002				
40209144		25	72	90	3	94	17	23	176	0.003	0.0014	0.002				
40209145		23	66	90	3	91	15	22	164	0.002	0.0013	0.002				
40209146		20	49	80	2	76	11	19	150	0.002	0.0016	0.002				
40209147		19	59	80	2	82	10	19	165	0.002	0.0013	0.002				
40209147 CRD		20	59	80	2	83	9	19	165	0.002	0.0012	0.002				
40209148		20	57	80	1	83	9	21	144	0.002	0.0012	0.002				
40209149		54	271	30	<1	72	6	27	157	0.004	0.0027	0.011				
40209150		56	118	20	<1	281	<2	16	92	0.002	0.0039	0.006				
40209151		23	72	90	3	86	16	23	159	0.003	0.0014	0.002				
40209152		21	66	90	2	83	11	22	171	0.002	0.0013	0.002				
40209153		21	61	90	2	83	17	21	194	0.002	0.0013	0.002				

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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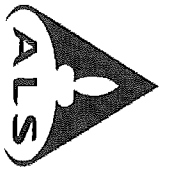
CERTIFICATE OF ANALYSIS TB14121136

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40209141																
40209142																
40209143																
40209144																
40209145																
40209146																
40209147																
40209147 CRD																
40209148																
40209149																
40209150																
40209151																
40209152																
40209153																

Comments: **Corrected copy for PGM-MS24 on samples 40209037 to 40209050**

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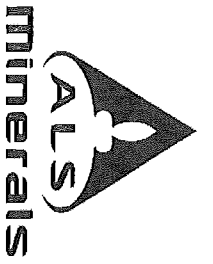
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40209141		0.2	0.01	0.01
40209142				
40209143				
40209144				
40209145				
40209146				
40209147				
40209147 GRD				
40209148				
40209149				
40209150				
40209151				
40209152				
40209153				

Comments: **Corrected copy for PGM-MSZ4 on samples 40209037 to 40209050**

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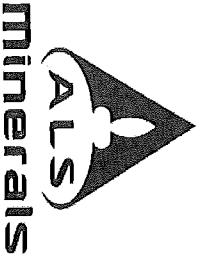
Project: EB80001747

CERTIFICATE OF ANALYSIS TB14121136

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-O4 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-ICP81 Ni-OG62 S-IR08	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Cu-OG62 ME-MS42 OA-GRA05 TOT-ICP06	ME-ICP06 ME-OG62 PGM-MS24



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CERTIFICATE TB14114754

Project: EB80001742
 P.O. No.: 3101202290
 This report is for 118 Drill Core samples submitted to our lab in Thunder Bay, ON,
 Canada on 30-JUL-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER


To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
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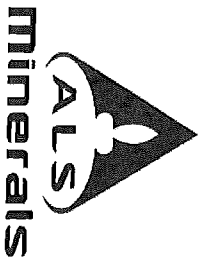
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Revd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split - Dup 85% < 75um

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

ANALYTICAL PROCEDURES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colin Ramshaw, Vancouver Laboratory Manager



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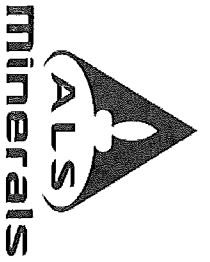
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 Account: KAV

Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40097076		0.38		92.5	52.1	15.35	9.99	10.70	2.48	7.88	0.70	0.01	0.86	0.15	0.09	0.04
40097274		10.81	87.4		67.5	14.90	6.78	0.78	2.61	2.30	3.09	0.03	0.72	0.06	0.11	0.02
40097275		9.35			62.5	17.30	8.11	0.51	1.92	2.73	4.15	0.03	0.83	0.06	0.10	0.02
40097276		9.19			58.5	13.35	12.65	3.76	3.48	2.76	2.11	0.01	2.12	0.14	0.43	0.04
40097277		11.26			58.0	12.35	13.40	4.35	3.85	2.10	2.62	<0.01	1.96	0.20	0.73	0.04
40097278		11.38			56.8	12.30	13.30	4.64	3.52	2.06	2.74	<0.01	2.03	0.20	0.75	0.06
40097279		11.90			55.5	12.15	13.95	5.11	3.36	2.35	2.63	<0.01	2.35	0.19	0.75	0.06
40097280		0.36			52.9	13.30	13.55	7.28	3.15	4.33	1.36	<0.01	1.74	0.17	0.28	0.04
40097281		10.85			54.3	11.80	14.15	5.04	3.42	2.24	2.45	<0.01	2.31	0.19	0.79	0.06
40097282		11.77			53.4	11.80	14.70	5.59	3.40	2.43	2.26	<0.01	2.60	0.21	0.73	0.06
40097283		11.37			53.2	12.00	15.55	6.06	3.41	2.89	2.16	<0.01	2.89	0.21	0.64	0.07
40097284		8.83			50.8	11.90	16.10	6.78	3.16	3.56	1.97	<0.01	3.69	0.21	0.54	0.07
40097285		7.29			50.9	14.50	13.45	7.24	3.46	2.97	1.87	<0.01	2.78	0.17	0.44	0.08
40097286		7.79			50.8	14.85	13.30	6.95	3.53	2.93	2.04	<0.01	2.80	0.16	0.40	0.09
40097287		11.55			51.5	16.30	11.80	6.77	3.57	2.57	2.63	<0.01	2.45	0.13	0.37	0.10
40097288		11.74			52.0	16.60	11.90	6.59	3.56	2.68	2.55	<0.01	2.44	0.15	0.38	0.11
40097289		11.28			51.2	16.20	11.95	6.23	3.50	2.75	2.72	<0.01	2.45	0.15	0.38	0.12
40097290		0.16			35.9	13.75	14.35	3.07	3.07	3.20	0.12	0.58	0.27	0.16	<0.01	<0.01
40097291		11.45			50.4	15.65	11.90	6.05	3.82	2.92	3.03	<0.01	2.38	0.16	0.38	0.09
40097292		11.36			50.4	15.65	12.50	6.00	3.91	2.72	2.82	<0.01	2.33	0.17	0.39	0.07
40097292 CRD		<0.02			50.5	15.55	12.70	6.34	3.90	2.96	2.76	<0.01	2.58	0.17	0.41	0.07
40097293		11.15			51.4	15.25	12.95	6.37	3.49	3.02	2.37	<0.01	2.62	0.17	0.41	0.09
40097294		11.73			49.4	13.75	14.35	6.36	3.62	3.39	1.80	<0.01	2.95	0.19	0.47	0.05
40097295		11.52			51.6	14.70	13.50	6.10	3.11	3.08	2.49	<0.01	2.75	0.18	0.47	0.08
40097296		13.32			50.5	12.65	14.80	6.13	2.74	3.49	2.20	0.01	2.96	0.19	0.46	0.05
40097297		9.02			65.0	15.75	7.28	0.79	2.10	2.42	2.98	0.03	0.77	0.05	0.12	0.02
40097298		10.83			66.7	15.55	6.85	0.58	2.08	2.32	3.03	0.03	0.76	0.06	0.11	0.02
40097299		4.09			69.2	14.40	6.34	0.76	2.57	2.07	2.37	0.03	0.68	0.05	0.11	0.02
40097300		4.86			69.1	14.25	6.21	0.74	2.58	2.04	2.31	0.03	0.68	0.05	0.12	0.02
40097301		9.26			67.8	15.20	6.35	0.86	2.88	2.16	2.69	0.03	0.69	0.03	0.12	0.02
40097302		10.61			67.4	15.50	6.98	0.47	1.95	2.34	3.37	0.03	0.73	0.04	0.10	0.01
40097303		10.79			66.2	14.90	6.84	0.56	2.17	2.27	2.73	0.03	0.71	0.05	0.10	0.01
40097304		11.02			69.6	14.00	6.25	0.83	2.34	2.11	2.62	0.03	0.66	0.07	0.11	0.02
40097305		10.46			65.2	16.45	7.47	0.46	1.82	2.57	3.46	0.03	0.80	0.06	0.12	0.01
40097306		10.68			68.4	14.45	6.67	0.58	2.15	2.26	2.90	0.03	0.66	0.06	0.11	0.01
40097307		11.09			65.8	15.10	7.05	0.61	2.10	2.26	3.07	0.03	0.71	0.05	0.11	0.01
40097308		10.65			67.3	14.80	6.39	0.44	2.21	2.14	2.97	0.03	0.70	0.05	0.11	0.01
40097309		10.64			68.4	13.55	6.16	0.52	2.39	2.02	2.29	0.02	0.62	0.04	0.10	0.01
40097310		0.28			51.5	13.05	13.00	7.27	2.96	4.76	1.45	0.01	1.82	0.17	0.20	0.04
40097311		11.59			66.3	14.05	6.70	1.20	2.40	2.23	2.50	0.03	0.67	0.06	0.11	0.02

***** See Appendix Page for comments regarding this certificate *****



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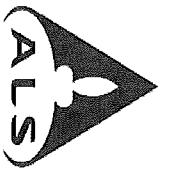
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 Account: KAV

Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097076	0.03	0.07	0.10	0.10	247	25.3	100	0.49	2.81	1.57	0.93	16.3	2.72	2.0	0.55	12.3
40097274	0.06	0.03	0.08	0.08	525	63.4	210	7.09	3.61	2.17	1.18	18.7	4.08	5.2	0.69	30.2
40097275	0.07	0.01	0.42	0.42	616	72.9	210	11.30	4.55	2.77	1.38	22.0	4.86	4.4	0.91	36.1
40097276	0.09	0.04	0.08	0.08	781	90.5	50	1.97	7.41	3.85	2.71	21.6	8.84	7.0	1.43	40.0
40097277	0.11	0.06	0.10	0.10	1015	155.5	10	1.06	11.55	5.99	4.35	26.4	14.05	11.0	2.22	66.0
40097278	0.14	0.05	0.16	0.16	1260	142.5	10	1.26	11.00	5.74	4.05	24.9	13.40	10.4	2.10	61.1
40097279	0.14	0.04	0.34	0.34	1225	129.5	<10	1.21	10.70	5.56	3.84	23.9	12.60	9.6	2.01	56.6
40097280	0.05	0.14	0.14	0.14	470	68.3	10	0.76	5.98	3.26	1.96	22.2	6.47	5.3	1.16	33.5
40097281	0.12	0.07	0.12	0.12	1040	135.5	<10	1.38	11.05	5.77	3.89	24.6	13.05	10.2	2.12	58.9
40097282	0.11	0.08	0.08	0.08	953	122.0	<10	1.58	10.50	5.47	3.71	24.0	12.55	9.6	1.98	53.1
40097283	0.08	0.08	0.07	0.07	717	107.0	<10	1.32	9.70	4.82	3.55	23.5	11.15	8.7	1.81	46.4
40097284	0.07	0.05	0.09	0.09	596	90.8	10	1.57	8.41	4.35	3.08	23.3	9.84	7.8	1.56	39.5
40097285	0.09	0.06	0.07	0.07	816	74.5	10	1.41	7.02	3.70	2.72	24.2	8.09	6.3	1.38	32.6
40097286	0.07	0.05	0.05	0.05	621	68.5	10	1.12	6.38	3.47	2.50	22.9	7.45	5.5	1.23	30.3
40097287	0.07	0.06	0.14	0.14	609	62.7	10	0.84	6.04	2.97	2.29	23.4	6.82	5.2	1.16	27.7
40097288	0.12	0.06	0.09	0.09	1035	64.8	10	1.20	5.97	2.96	2.38	23.9	6.79	5.1	1.13	28.4
40097289	0.10	0.05	0.05	0.05	982	69.0	10	1.40	6.31	3.40	2.55	25.7	7.53	5.7	1.20	30.3
40097290	0.08	0.23	0.38	0.38	727	6.4	4390	0.23	0.81	0.42	0.21	4.7	0.69	0.5	0.15	3.1
40097291	0.12	0.34	0.07	0.07	1075	66.5	10	1.05	6.03	3.11	2.42	22.4	6.92	5.4	1.16	29.4
40097292	0.14	0.17	0.09	0.09	1330	70.0	10	1.28	6.39	3.22	2.40	24.1	7.45	5.6	1.21	30.3
40097292 CRD	0.14	0.20	0.10	0.10	1210	66.9	10	1.19	6.35	3.19	2.31	23.0	7.03	5.6	1.21	29.2
40097293	0.11	0.07	0.08	0.08	1005	70.8	10	1.59	6.47	3.38	2.60	23.5	7.51	6.0	1.25	31.3
40097294	0.09	0.25	0.12	0.12	787	78.5	30	1.28	7.30	3.72	2.68	23.1	8.41	6.5	1.39	34.3
40097295	0.13	0.06	0.07	0.07	1115	77.4	20	1.59	7.05	3.73	2.66	23.2	8.16	6.1	1.35	33.6
40097296	0.12	0.39	0.10	0.10	1095	81.8	50	1.36	7.32	3.77	2.65	22.2	8.67	6.7	1.40	35.8
40097297	0.07	0.03	0.10	0.10	635	66.2	200	5.46	3.87	2.34	1.25	19.4	4.44	4.5	0.80	31.7
40097298	0.07	0.02	0.04	0.04	622	65.5	200	5.62	3.55	2.20	1.11	18.8	3.84	5.0	0.77	31.4
40097299	0.06	0.03	0.03	0.03	506	54.8	190	4.21	3.73	2.24	1.15	16.5	4.07	5.0	0.82	25.9
40097300	0.06	0.03	<0.01	<0.01	535	55.9	200	4.22	3.75	2.23	1.17	17.2	4.15	5.4	0.76	25.9
40097301	0.05	0.06	0.10	0.10	472	85.7	190	4.12	4.01	2.29	1.32	17.3	4.55	5.1	0.76	43.6
40097302	0.07	0.02	0.22	0.22	594	63.1	190	7.29	3.65	2.25	1.12	18.3	4.11	4.8	0.76	30.5
40097303	0.06	0.03	0.02	0.02	515	61.9	190	5.84	3.54	2.02	1.07	17.8	3.88	4.4	0.71	29.8
40097304	0.06	0.06	0.03	0.03	517	61.3	190	5.19	3.28	1.93	1.07	16.1	3.60	5.6	0.68	29.4
40097305	0.06	0.02	0.14	0.14	558	67.3	200	8.85	3.90	2.33	1.20	20.1	4.21	4.6	0.80	33.0
40097306	0.06	0.05	0.37	0.37	544	61.6	180	6.05	3.73	2.30	1.23	17.2	4.29	4.6	0.76	29.9
40097307	0.06	0.08	0.42	0.42	545	60.3	200	5.98	3.70	2.25	1.20	17.6	4.23	4.8	0.75	29.1
40097308	0.06	0.03	0.26	0.26	547	65.5	220	6.35	3.73	2.23	1.18	17.7	4.09	5.6	0.75	31.9
40097309	0.05	0.05	0.18	0.18	467	49.6	190	6.57	3.33	1.95	1.09	15.8	3.84	5.1	0.71	23.7
40097310	0.06	0.20	0.14	0.14	576	59.4	90	1.00	5.80	3.20	1.87	19.5	6.09	4.7	1.16	29.3
40097311	0.06	0.17	0.33	0.33	557	59.4	210	3.72	3.79	2.19	1.21	16.2	4.23	4.9	0.75	28.3

***** See Appendix Page for comments regarding this certificate *****



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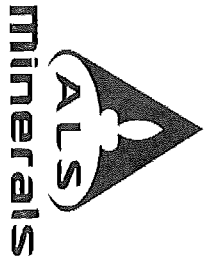
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 Finalized Date: 16-AUG-2014
 Account: KAV

Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097076		0.17	5.6	12.5	3.05	15.9	2.76	1	353	0.3	0.46	2.05	<0.5	0.21	0.31	220
40097274		0.33	10.2	27.9	7.42	141.0	5.05	2	163.0	0.7	0.63	7.83	0.6	0.33	3.28	121
40097275		0.38	11.5	32.8	8.84	194.5	6.20	2	145.5	0.7	0.74	9.02	0.8	0.40	6.10	161
40097276		0.48	22.5	47.2	11.50	78.5	9.68	3	356	1.4	1.25	5.90	<0.5	0.53	1.81	159
40097277		0.74	35.8	80.1	19.20	84.6	16.80	4	424	2.2	2.01	8.08	<0.5	0.83	2.30	36
40097278		0.69	33.9	73.6	17.95	82.6	15.30	3	510	2.1	1.93	7.53	<0.5	0.75	2.03	54
40097279		0.65	31.5	69.7	16.85	79.6	14.30	3	521	1.9	1.88	6.91	<0.5	0.73	1.89	84
40097280		0.41	12.6	32.5	8.09	34.0	6.98	2	318	0.8	1.01	6.40	<0.5	0.46	1.25	317
40097281		0.70	33.1	72.9	17.50	75.7	14.85	3	473	2.1	1.91	7.05	<0.5	0.78	1.97	78
40097282		0.64	32.1	65.8	15.85	68.7	13.95	3	506	1.9	1.80	6.74	<0.5	0.72	1.89	102
40097283		0.61	29.1	57.7	13.90	67.9	12.35	3	603	1.7	1.63	5.78	<0.5	0.67	1.61	173
40097284		0.52	26.8	49.9	11.85	66.6	10.70	3	656	1.7	1.46	4.96	<0.5	0.60	1.35	291
40097285		0.44	22.1	41.2	9.69	64.7	9.15	2	713	1.4	1.17	4.04	<0.5	0.49	1.15	237
40097286		0.40	19.8	37.3	8.90	71.0	7.85	2	765	1.2	1.13	3.72	<0.5	0.45	1.05	265
40097287		0.36	18.1	33.6	8.23	92.2	7.19	4	906	1.1	1.00	3.45	<0.5	0.42	0.92	217
40097288		0.37	18.5	35.5	8.45	91.2	7.34	3	929	1.2	1.01	3.50	<0.5	0.42	0.93	219
40097289		0.38	20.0	37.1	8.88	104.5	8.29	2	1080	1.3	1.09	3.69	<0.5	0.45	1.04	238
40097290		0.06	3.4	3.4	0.80	3.9	0.81	1	51.4	0.1	0.14	0.52	0.5	0.06	0.08	52
40097291		0.38	18.7	36.1	8.66	108.0	7.84	3	773	1.1	0.99	3.56	<0.5	0.43	1.09	218
40097292		0.39	20.2	37.7	9.12	103.5	8.23	3	660	1.3	1.08	3.84	<0.5	0.45	1.07	243
40097292 CRD		0.40	19.3	36.1	8.69	95.5	7.61	2	617	1.2	1.05	3.76	<0.5	0.45	1.09	237
40097293		0.41	20.1	38.3	9.31	86.1	8.33	2	748	1.3	1.10	3.97	<0.5	0.46	1.10	246
40097294		0.46	22.3	42.6	10.25	59.6	8.80	2	483	1.4	1.21	4.34	<0.5	0.56	1.26	288
40097295		0.42	22.0	41.5	9.87	85.7	9.06	2	720	1.3	1.19	4.31	<0.5	0.49	1.15	248
40097296		0.47	23.0	44.4	10.60	74.0	9.42	2	445	1.4	1.27	4.81	<0.5	0.53	1.40	294
40097297		0.36	10.4	30.2	7.93	117.0	5.57	2	150.0	0.7	0.67	8.23	0.5	0.35	4.28	131
40097298		0.33	10.4	27.8	7.62	115.5	5.01	2	146.0	0.7	0.61	7.99	<0.5	0.33	3.50	122
40097299		0.35	9.2	24.4	6.48	96.2	4.75	2	158.0	0.6	0.61	7.49	<0.5	0.35	3.07	105
40097300		0.36	10.6	24.7	6.68	100.5	4.91	2	172.5	0.7	0.62	8.01	<0.5	0.32	3.21	109
40097301		0.32	9.4	37.4	10.15	113.0	6.06	2	147.5	0.6	0.62	7.89	0.6	0.33	4.07	117
40097302		0.32	9.9	27.9	7.30	151.0	5.29	2	131.5	0.6	0.60	8.11	0.6	0.35	4.57	127
40097303		0.30	9.7	26.7	7.34	115.5	4.93	2	144.0	0.7	0.57	8.08	0.5	0.32	3.31	116
40097304		0.32	9.0	25.8	7.13	110.5	4.79	1	146.0	0.6	0.53	7.41	0.5	0.28	3.04	101
40097305		0.36	10.6	30.4	8.06	153.0	5.54	2	123.0	0.7	0.64	8.39	0.6	0.34	3.66	133
40097306		0.32	9.2	27.6	7.39	128.5	5.24	2	138.0	0.6	0.63	7.71	0.6	0.33	4.65	118
40097307		0.36	9.8	26.5	7.00	130.5	5.20	2	131.0	0.7	0.66	8.11	0.7	0.36	4.52	124
40097308		0.36	10.1	27.8	7.56	133.0	5.49	2	124.0	0.7	0.62	8.40	0.7	0.33	4.23	122
40097309		0.33	9.1	22.0	5.81	101.0	4.73	2	139.0	0.6	0.56	7.64	0.5	0.31	3.69	109
40097310		0.41	11.7	29.0	7.04	35.4	6.82	2	318	0.7	1.03	5.40	<0.5	0.45	0.97	343
40097311		0.35	9.4	26.2	6.86	102.5	5.44	2	144.5	0.7	0.65	7.63	0.6	0.32	3.81	116

***** See Appendix Page for comments regarding this certificate *****



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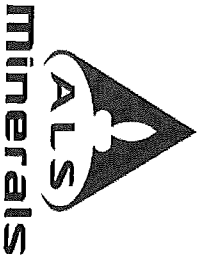
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CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097076	1	14.4	1.31	74	0.8	0.02	<0.005	<0.005	<0.05	<0.2	0.01	1.02	101.40	<0.5	<5	<0.5
40097274	3	20.3	2.18	192	7.6	0.06	<0.005	0.17	0.5	0.5	0.01	2.80	101.76	<0.5	8	<0.5
40097275	3	25.1	2.60	163	12.6	0.13	<0.005	0.34	0.7	0.8	0.03	3.49	101.82	<0.5	15	<0.5
40097276	1	37.6	3.20	288	5.8	0.43	0.006	0.26	0.8	0.8	0.01	2.18	101.62	<0.5	9	<0.5
40097277	2	59.2	5.03	480	2.4	0.13	0.012	0.29	1.4	1.4	<0.01	1.64	101.35	<0.5	<5	<0.5
40097278	1	55.9	4.53	426	2.0	0.16	0.013	0.33	1.2	1.2	<0.01	1.35	99.89	<0.5	<5	<0.5
40097279	2	53.7	4.46	386	1.8	0.23	0.009	0.45	1.3	1.3	<0.01	1.49	100.03	<0.5	<5	<0.5
40097280	1	31.5	2.85	199	0.6	0.03	<0.005	<0.05	0.6	0.6	<0.01	1.40	99.55	<0.5	<5	<0.5
40097281	1	56.0	4.59	412	1.0	0.19	0.007	0.26	1.1	1.1	<0.01	1.64	98.51	<0.5	<5	<0.5
40097282	2	53.1	4.59	399	2.3	0.10	0.040	0.18	1.2	1.2	0.01	1.48	98.77	<0.5	<5	0.8
40097283	1	47.9	3.98	343	1.9	0.12	0.037	0.17	0.9	0.9	<0.01	1.45	100.61	<0.5	<5	0.8
40097284	1	42.6	3.62	304	2.6	0.15	0.021	0.15	0.8	0.8	<0.01	1.25	100.10	<0.5	<5	0.6
40097285	1	35.5	3.07	252	2.5	0.18	0.013	0.17	0.5	0.5	0.01	1.51	99.46	<0.5	<5	<0.5
40097286	1	32.5	2.69	220	5.2	0.14	0.013	0.23	1.0	1.0	<0.01	1.59	99.51	<0.5	<5	<0.5
40097287	1	29.5	2.44	203	2.8	0.18	0.011	0.34	0.7	0.7	<0.01	1.70	99.96	<0.5	5	<0.5
40097288	3	30.1	2.58	206	2.3	0.13	0.018	0.26	0.6	0.6	<0.01	1.76	100.84	<0.5	<5	<0.5
40097289	2	31.9	2.81	221	2.0	0.09	0.010	0.22	1.0	1.0	<0.01	1.73	99.48	<0.5	<5	<0.5
40097290	2	4.1	0.43	20	1.8	0.12	0.013	0.35	1.1	1.1	0.14	10.80	99.02	<0.5	<5	0.5
40097291	2	30.3	2.55	217	3.2	0.15	0.020	0.22	1.0	1.0	0.01	3.06	100.31	<0.5	5	<0.5
40097292	1	32.3	2.58	224	2.1	0.09	0.012	0.39	1.0	1.0	0.01	2.30	99.80	<0.5	5	<0.5
40097292 CRD	1	31.2	2.78	224	2.4	0.10	0.013	0.40	1.0	1.0	0.01	2.38	100.46	<0.5	<5	0.5
40097293	1	32.5	2.80	236	1.3	0.08	0.020	0.35	1.0	1.0	0.02	1.78	99.97	<0.5	<5	0.6
40097294	2	36.7	3.11	273	2.5	0.08	0.016	0.27	1.0	1.0	<0.01	2.61	99.03	<0.5	<5	<0.5
40097295	2	35.0	2.98	244	1.5	0.06	0.037	0.20	1.1	1.1	<0.01	1.83	100.02	<0.5	<5	0.5
40097296	1	37.1	3.23	273	3.8	0.10	0.024	0.30	1.4	1.4	0.01	3.30	99.60	<0.5	<5	0.6
40097297	8	21.9	2.30	173	7.2	0.15	0.009	0.22	0.5	0.5	0.02	3.09	100.47	<0.5	10	<0.5
40097298	2	20.3	2.17	194	4.7	0.09	0.005	0.17	0.5	0.5	0.01	3.01	101.17	<0.5	7	<0.5
40097299	1	21.5	2.12	192	4.8	0.06	0.009	0.19	0.6	0.6	0.01	2.66	101.32	<0.5	6	<0.5
40097300	2	21.3	2.09	207	5.3	0.07	0.008	0.18	0.4	0.4	0.01	2.57	100.76	<0.5	8	<0.5
40097301	1	21.4	2.10	200	9.1	0.11	<0.005	0.29	0.6	0.6	0.03	2.75	101.63	<0.5	11	<0.5
40097302	4	20.5	2.29	181	7.8	0.15	0.012	0.33	0.7	0.7	0.04	2.78	101.77	<0.5	11	<0.5
40097303	3	19.2	1.94	176	4.0	0.12	0.008	0.20	0.6	0.6	0.02	2.84	99.47	<0.5	9	<0.5
40097304	5	17.5	1.98	211	4.0	0.10	0.011	0.14	0.8	0.8	0.01	2.43	101.13	<0.5	5	<0.5
40097305	2	21.4	2.30	173	15.3	0.21	0.005	0.26	0.5	0.5	0.02	2.99	101.50	<0.5	21	<0.5
40097306	2	21.1	2.12	177	11.0	0.18	0.016	0.31	0.7	0.7	0.04	2.64	100.98	<0.5	15	<0.5
40097307	1	20.0	2.22	184	9.1	0.14	0.009	0.34	0.6	0.6	0.03	2.94	99.90	<0.5	13	<0.5
40097308	2	19.4	2.25	205	8.1	0.15	<0.005	0.30	0.5	0.5	0.03	3.02	100.23	<0.5	14	<0.5
40097309	1	18.2	2.08	197	5.7	0.10	0.009	0.23	0.6	0.6	0.02	2.62	98.79	<0.5	8	<0.5
40097310	<1	29.3	2.77	172	0.6	0.02	0.009	<0.05	0.9	0.9	0.01	2.09	98.38	<0.5	5	0.5
40097311	2	20.2	2.19	194	12.8	0.14	0.009	0.29	0.7	0.7	0.02	2.91	99.24	<0.5	17	<0.5



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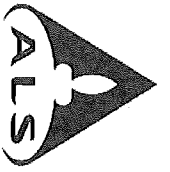
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Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-4ACDB1 Co ppm	ME-4ACDB1 Cu ppm	ME-4ACDB1 Li ppm	ME-4ACDB1 Mo ppm	ME-4ACDB1 Ni ppm	ME-4ACDB1 Pb ppm	ME-4ACDB1 Se ppm	ME-4ACDB1 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097076		42	59	10	<1	77	<2	28	66	<0.001	<0.0005	<0.001
40097274		16	32	70	<1	63	9	16	62	0.001	0.0014	0.001
40097275		22	81	100	4	82	9	19	64	0.002	0.0014	0.002
40097276		25	104	40	<1	33	6	19	118	0.003	0.0020	0.005
40097277		21	45	20	1	3	18	18	204	0.001	<0.0005	0.001
40097278		21	64	20	1	4	16	18	172	0.001	<0.0005	<0.001
40097279		25	93	20	1	8	8	20	134	0.001	0.0007	<0.001
40097280		23	39	10	<1	18	6	24	126	<0.001	<0.0005	<0.001
40097281		24	77	20	1	5	9	20	150	0.001	0.0008	<0.001
40097282		29	153	20	1	5	61	21	326	0.001	0.0007	<0.001
40097283		33	202	20	<1	14	53	23	311	0.002	0.0014	<0.001
40097284		40	297	30	<1	31	37	28	239	0.006	0.0054	<0.001
40097285		33	230	30	<1	26	25	22	186	0.003	0.0034	0.004
40097286		35	222	30	<1	29	39	21	134	0.005	0.0038	0.004
40097287		30	186	30	<1	25	10	17	94	0.003	0.0027	0.005
40097288		29	186	30	<1	25	30	16	138	0.002	0.0023	0.006
40097289		31	187	30	<1	28	33	17	125	0.003	0.0026	0.006
40097290		138	549	<10	1	1845	53	9	194	0.016	0.0065	0.004
40097291		28	181	30	<1	26	16	17	220	0.002	0.0024	0.006
40097292		31	192	30	<1	29	12	18	158	0.003	0.0024	0.008
40097292 CRD		32	185	20	<1	30	10	17	157	0.003	0.0024	0.008
40097293		33	205	30	<1	30	16	19	161	0.003	0.0026	0.008
40097294		37	208	30	<1	38	34	21	214	0.002	0.0030	0.011
40097295		36	194	30	<1	31	71	18	246	0.002	0.0026	0.009
40097296		37	222	40	<1	43	103	21	234	0.003	0.0036	0.014
40097297		20	46	70	1	68	10	17	69	0.001	0.0013	0.002
40097298		18	36	70	<1	63	9	17	87	0.001	0.0011	0.001
40097299		13	17	50	<1	55	6	15	42	0.001	0.0011	0.001
40097300		13	18	50	<1	56	8	15	42	0.001	0.0009	0.001
40097301		15	34	60	<1	64	9	16	48	0.001	0.0010	0.001
40097302		18	51	70	2	68	23	18	150	0.003	0.0012	0.001
40097303		17	35	70	<1	65	8	17	70	0.001	0.0009	0.001
40097304		16	28	50	<1	55	12	15	89	0.001	0.0008	0.001
40097305		19	45	80	<1	72	12	19	108	0.004	0.0013	0.002
40097306		18	51	70	2	64	18	16	127	0.002	0.0012	0.001
40097307		18	48	80	1	68	17	17	117	0.002	0.0011	0.001
40097308		16	41	70	1	65	15	16	92	0.001	0.0010	0.001
40097309		15	35	60	<1	59	6	15	75	0.001	0.0009	0.001
40097310		42	29	10	<1	33	5	28	108	<0.001	<0.0005	<0.001
40097311		19	40	60	<1	65	9	17	102	0.002	0.0010	0.001

***** See Appendix Page for comments regarding this certificate *****



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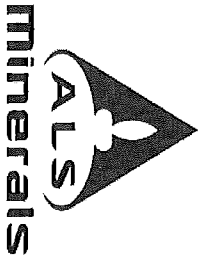
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CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units	WEI-21 Recrd Wt. Kg	CRU-OC %	PUL-OC %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097312		11.10			61.4	16.90	7.56	0.43	1.56	2.64	3.96	0.03	0.81	0.04	0.11	0.01
40097312 CRD		<0.02			64.5	15.30	7.05	0.72	1.96	2.42	3.15	0.03	0.72	0.04	0.11	0.01
40097313		10.92			60.8	16.50	7.86	0.34	1.78	2.63	3.85	0.03	0.77	0.04	0.11	0.01
40097314		7.21			59.0	18.25	9.35	0.29	1.50	3.09	4.39	0.03	0.86	0.05	0.12	0.01
40097315		7.16			60.8	17.70	9.28	0.69	1.79	2.99	3.79	0.03	0.92	0.07	0.12	0.01
40097316		8.69			51.3	14.65	14.80	6.98	3.37	3.25	1.99	<0.01	3.18	0.18	0.48	0.08
40097317		11.03			52.1	14.05	13.95	6.60	3.48	2.97	1.96	<0.01	2.93	0.18	0.48	0.08
40097318		11.50			52.3	14.95	13.30	7.12	3.41	2.79	1.86	<0.01	2.86	0.16	0.43	0.08
40097319		11.42			51.6	15.55	13.10	7.80	3.50	2.69	1.82	<0.01	2.84	0.16	0.42	0.08
40097320		0.16			36.8	3.16	13.90	2.14	0.24	3.16	0.13	0.64	0.28	0.17	0.16	<0.01
40097321		11.38	82.1	89.4	51.7	15.55	13.15	7.21	3.46	2.77	2.04	<0.01	2.94	0.16	0.40	0.10
40097322		11.93			51.5	13.70	15.25	7.20	3.32	3.12	1.87	<0.01	3.34	0.19	0.48	0.07
40097323		11.79			53.2	14.20	13.70	6.45	3.53	2.91	1.86	<0.01	2.94	0.17	0.47	0.07
40097324		7.70			52.5	13.60	14.85	6.58	3.35	3.26	1.97	<0.01	3.26	0.19	0.54	0.08
40097325		7.26			51.4	13.80	15.60	6.59	3.28	3.47	1.77	<0.01	3.45	0.19	0.48	0.08
40097326		8.20			60.3	18.00	9.22	0.46	1.55	3.13	3.79	0.03	0.86	0.06	0.11	0.01
40097327		11.23			61.2	17.55	8.69	0.41	1.64	3.03	4.00	0.03	0.82	0.06	0.11	0.01
40097328		4.23			57.3	16.75	10.55	9.14	1.94	2.57	3.64	0.03	1.08	0.12	0.13	0.02
40097329		5.52			48.0	15.75	13.65	9.16	2.57	6.67	0.50	0.03	1.83	0.21	0.21	0.03
40097330		5.48			47.5	15.55	13.55	9.12	2.55	6.68	0.51	0.03	1.82	0.21	0.20	0.03
40097331		11.29			47.2	15.60	13.25	9.26	2.43	7.10	0.36	0.02	1.67	0.21	0.19	0.03
40097332		11.45			47.1	15.85	13.20	8.38	2.57	7.01	0.48	0.03	1.83	0.25	0.21	0.03
40097332 CRD		<0.02			47.0	15.70	12.60	9.14	2.61	6.38	0.37	0.02	1.80	0.21	0.21	0.04
40097333		12.09			46.6	15.55	12.40	5.70	1.94	6.45	2.28	0.02	1.70	0.24	0.20	0.03
40097334		5.99			71.2	12.30	6.01	1.19	3.12	2.43	1.65	0.02	0.55	0.06	0.10	0.02
40097335		10.94			66.6	15.15	6.40	0.73	2.37	2.42	2.91	0.03	0.70	0.08	0.10	0.02
40097336		11.05			58.8	17.45	9.52	0.48	1.59	2.94	3.77	0.03	0.79	0.04	0.11	0.01
40097337		11.10			59.1	17.10	9.16	0.44	1.69	2.85	3.63	0.03	0.82	0.06	0.11	0.01
40097338		11.57			59.4	17.40	8.39	0.92	1.69	2.76	3.74	0.03	0.84	0.05	0.11	0.01
40097339		11.11			66.5	15.45	6.99	0.82	2.26	2.38	2.77	0.03	0.77	0.07	0.11	0.01
40097340		0.35			50.6	13.55	14.40	9.12	2.68	5.69	0.88	<0.01	1.90	0.18	0.15	0.04
40097341		11.29			58.0	17.20	10.35	0.73	1.58	2.64	3.87	0.03	0.81	0.06	0.11	0.01
40097342		10.87			70.1	13.60	6.03	0.73	2.84	2.04	1.95	0.03	0.62	0.04	0.11	0.01
40097343		6.96			67.4	15.20	7.08	0.73	2.45	2.29	2.81	0.03	0.72	0.06	0.11	0.01
40097344		6.51			61.2	17.45	9.05	0.39	1.34	2.87	3.95	0.03	0.82	0.06	0.12	0.01
40097345		7.32			50.7	12.90	16.05	5.26	2.84	3.93	1.13	0.01	3.41	0.18	0.44	0.04
40097346		6.33			61.2	16.50	7.85	0.80	1.74	2.68	3.23	0.03	0.81	0.04	0.12	0.01
40097347		6.98			62.1	16.80	9.42	0.65	1.90	2.86	3.36	0.03	0.82	0.04	0.12	0.02
40097348		11.93			48.9	12.45	17.10	6.74	3.05	4.11	1.23	0.01	3.56	0.19	0.42	0.06
40097349		12.53			48.5	12.25	17.25	6.75	3.08	3.98	1.36	<0.01	3.65	0.19	0.43	0.06



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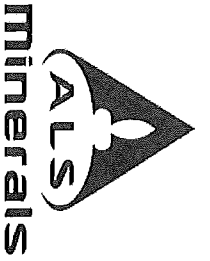
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CERTIFICATE OF ANALYSIS TB14114754

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Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ca ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097312	0.07	0.04	0.62	610	71.0	210	9.06	4.32	2.62	1.25	21.1	4.70	4.3	0.83	36.0	
40097312 CRD	0.06	0.09	0.48	523	64.8	220	7.20	4.03	2.43	1.25	18.6	4.42	4.4	0.81	31.4	
40097313	0.07	0.01	0.92	616	66.4	210	8.32	4.16	2.55	1.29	20.1	4.90	4.3	0.88	32.5	
40097314	0.07	0.01	1.38	650	69.8	200	10.20	4.68	2.72	1.36	22.5	5.06	3.9	0.93	34.5	
40097315	0.07	0.06	1.20	599	69.6	200	8.01	4.76	2.75	1.37	22.0	5.48	4.2	0.94	34.6	
40097316	0.08	0.05	0.09	689	76.6	20	3.10	7.57	3.94	2.81	22.7	9.14	6.8	1.43	33.7	
40097317	0.06	0.08	0.06	513	83.0	10	2.65	7.82	4.18	2.93	23.0	9.42	7.1	1.51	36.1	
40097318	0.04	0.05	0.05	401	71.7	10	2.75	6.98	3.70	2.67	22.8	8.31	6.5	1.36	31.1	
40097319	0.04	0.03	0.05	361	68.5	10	2.36	6.54	3.56	2.46	23.0	7.92	5.9	1.36	30.0	
40097320	0.08	0.23	0.36	726	8.0	4840	0.22	0.78	0.46	0.27	4.6	0.86	0.5	0.18	4.0	
40097321	0.04	0.07	0.04	385	67.3	10	1.49	6.53	3.56	2.52	23.4	7.92	5.9	1.24	29.4	
40097322	0.05	0.12	0.07	422	79.9	10	1.82	7.86	4.09	2.90	23.1	9.07	7.0	1.47	34.8	
40097323	0.05	0.25	0.05	482	82.9	20	1.59	7.93	4.14	3.02	24.4	9.16	7.0	1.51	36.3	
40097324	0.06	0.09	0.14	517	86.0	20	2.47	8.21	4.13	2.94	22.9	9.46	7.7	1.52	37.5	
40097325	0.08	0.06	0.10	656	78.5	30	3.04	7.79	4.21	2.81	23.1	9.21	7.1	1.48	34.3	
40097326	0.07	0.03	1.26	650	68.4	200	7.37	4.75	2.80	1.40	22.0	5.14	4.0	0.94	33.8	
40097327	0.07	0.05	1.02	605	68.2	200	10.40	4.48	2.56	1.28	20.6	5.35	4.1	0.86	33.5	
40097328	0.07	0.11	0.62	651	57.1	190	9.63	4.39	2.58	1.62	20.2	4.56	3.9	0.89	28.2	
40097329	0.02	0.09	0.17	212	33.7	190	4.45	4.69	2.58	1.53	19.4	4.88	3.4	0.93	15.3	
40097330	0.02	0.10	0.13	214	34.2	180	4.38	4.67	2.60	1.48	18.7	4.54	3.2	0.93	15.6	
40097331	0.02	0.22	0.12	152.5	30.4	180	4.60	4.23	2.53	1.42	19.1	4.32	3.2	0.85	13.5	
40097332	0.02	0.06	0.17	206	35.4	190	3.45	4.79	2.71	1.46	20.6	5.01	3.5	0.94	16.6	
40097332 CRD	0.02	0.07	0.19	171.0	33.4	180	4.34	4.64	2.76	1.56	19.6	4.95	3.4	0.95	15.3	
40097333	0.08	0.22	0.27	757	39.0	190	2.93	4.92	2.75	1.66	19.6	4.85	3.5	0.96	17.7	
40097334	0.06	0.17	0.03	565	53.4	180	2.47	2.89	1.70	1.16	13.3	3.58	5.3	0.62	24.6	
40097335	0.06	0.11	0.15	564	63.9	190	6.81	3.48	2.17	1.25	17.7	4.16	4.7	0.69	30.2	
40097336	0.06	0.66	2.08	593	69.4	190	10.25	4.64	2.79	1.43	21.7	5.28	3.9	0.94	34.5	
40097337	0.06	0.77	1.73	562	70.4	200	10.40	4.67	2.68	1.33	21.5	5.11	4.0	0.95	34.3	
40097338	0.07	0.49	1.07	599	73.8	220	10.15	4.25	2.57	1.46	22.0	4.84	4.7	0.88	36.3	
40097339	0.06	0.16	0.20	494	64.0	220	7.06	3.88	2.22	1.20	19.5	4.39	4.8	0.78	30.8	
40097340	0.04	0.13	0.13	322	39.9	20	0.77	4.28	2.29	1.29	20.5	4.63	3.1	0.83	19.8	
40097341	0.07	0.56	2.63	563	64.2	200	10.05	4.61	2.73	1.18	22.0	5.08	4.0	0.83	31.3	
40097342	0.04	0.07	0.16	519	51.9	190	3.75	3.44	2.01	1.08	15.5	3.77	4.8	0.68	25.2	
40097343	0.06	0.07	0.59	496	55.8	190	4.15	3.46	1.99	1.05	17.9	3.79	4.7	0.69	26.4	
40097344	0.07	0.04	1.26	667	67.9	200	7.03	4.72	2.69	1.34	23.4	5.09	4.0	0.92	34.2	
40097345	0.04	0.32	0.48	327	71.9	50	4.71	7.20	3.73	2.45	23.5	8.45	6.8	1.39	32.0	
40097346	0.07	0.10	0.21	579	62.6	200	4.54	4.39	2.53	1.25	21.1	4.81	4.5	0.89	30.8	
40097347	0.07	0.21	1.10	627	66.3	200	4.39	4.59	2.71	1.38	21.9	5.13	4.2	0.91	32.9	
40097348	0.06	0.04	0.07	508	76.2	40	5.83	7.88	4.04	2.75	24.4	9.29	7.3	1.48	33.2	
40097349	0.05	0.03	0.05	476	75.6	40	5.66	8.21	4.11	2.83	24.1	9.21	7.3	1.51	33.1	



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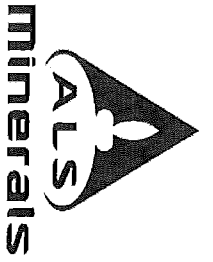
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CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 TI ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097312		0.39	11.3	31.3	8.43	192.0	6.35	2	106.5	0.7	0.73	8.90	0.9	0.41	5.57	159
40097312 CRD		0.36	10.3	29.0	7.74	151.0	5.90	2	124.0	0.7	0.74	8.19	0.8	0.35	4.80	140
40097313		0.40	10.8	30.1	7.90	190.0	6.06	2	122.0	0.7	0.73	8.65	1.0	0.40	5.69	157
40097314		0.41	11.3	32.8	8.66	210	6.53	2	109.5	0.8	0.82	8.94	1.2	0.39	6.84	177
40097315		0.41	12.1	32.6	8.51	166.5	6.68	2	120.5	0.8	0.83	8.76	0.9	0.44	6.33	173
40097316		0.50	23.6	41.5	9.92	64.3	10.25	2	66.5	1.4	1.34	4.45	<0.5	0.56	1.23	283
40097317		0.55	24.6	45.2	10.80	60.5	10.75	2	67.8	1.5	1.41	4.79	<0.5	0.55	1.38	244
40097318		0.44	22.2	38.9	9.21	58.2	9.13	2	71.7	1.4	1.29	4.03	<0.5	0.49	1.11	254
40097319		0.44	21.0	36.9	8.80	57.9	8.71	2	75.3	1.3	1.17	3.94	<0.5	0.51	1.10	258
40097320		0.07	4.9	3.6	0.90	3.8	0.99	1	52.0	0.1	0.14	0.59	<0.5	0.07	0.07	56
40097321		0.42	21.5	36.7	8.63	64.7	8.40	2	80.9	1.3	1.23	3.80	<0.5	0.49	1.08	261
40097322		0.52	24.9	43.4	10.40	58.6	10.15	2	65.0	1.5	1.40	4.49	<0.5	0.56	1.24	302
40097323		0.52	24.9	45.4	10.70	64.4	10.30	2	68.6	1.5	1.42	4.63	<0.5	0.56	1.27	272
40097324		0.51	25.5	47.0	11.20	61.6	10.70	2	65.2	1.6	1.42	4.87	<0.5	0.58	1.38	281
40097325		0.54	24.9	43.5	10.10	63.2	10.30	2	64.9	1.5	1.40	4.58	<0.5	0.52	1.28	332
40097326		0.43	11.4	31.6	8.45	153.5	6.59	2	114.0	0.7	0.83	8.73	0.8	0.44	6.39	179
40097327		0.37	10.9	31.8	8.37	181.5	6.66	2	108.0	0.7	0.78	8.52	1.0	0.41	5.80	152
40097328		0.39	10.4	27.2	7.03	154.0	5.88	1	169.5	0.7	0.77	6.51	0.9	0.41	6.29	193
40097329		0.37	9.4	19.3	4.42	17.2	4.79	1	29.3	0.6	0.79	1.28	1.0	0.35	0.29	273
40097330		0.34	9.2	19.0	4.37	17.6	4.89	1	28.7	0.5	0.80	1.28	0.9	0.37	0.28	270
40097331		0.33	8.5	17.4	4.00	14.8	4.57	1	28.7	0.5	0.77	1.23	0.7	0.35	0.24	252
40097332		0.38	9.5	20.1	4.57	14.5	5.14	1	30.2	0.6	0.83	1.30	0.9	0.39	0.30	278
40097332 CRD		0.38	9.2	19.0	4.39	12.4	5.12	1	30.0	0.5	0.78	1.23	1.0	0.40	0.27	267
40097333		0.38	9.5	21.8	5.04	77.1	5.37	1	22.7	0.6	0.80	1.97	1.0	0.42	0.67	260
40097334		0.27	7.9	23.1	6.15	56.2	4.66	1	189.5	0.5	0.51	6.70	<0.5	0.26	2.66	84
40097335		0.36	9.8	26.8	7.55	124.5	5.42	2	140.0	0.6	0.61	7.92	0.7	0.33	3.47	120
40097336		0.42	11.1	33.1	8.58	178.0	6.86	2	84.5	0.7	0.83	8.79	2.0	0.40	7.91	174
40097337		0.44	11.2	33.1	8.72	168.5	6.49	2	84.8	0.7	0.78	8.82	2.6	0.43	8.05	185
40097338		0.44	11.6	33.4	8.94	168.0	6.49	2	84.2	0.7	0.73	9.05	1.4	0.41	5.80	178
40097339		0.35	10.4	27.7	7.43	125.0	5.39	2	107.5	0.7	0.63	7.91	0.5	0.34	3.39	122
40097340		0.29	8.9	19.6	4.77	23.1	4.51	2	33.5	0.5	0.71	3.30	<0.5	0.32	0.60	427
40097341		0.40	11.0	29.8	7.92	182.0	5.94	2	78.5	0.7	0.74	8.28	2.4	0.40	9.41	176
40097342		0.28	8.6	22.6	6.16	81.2	4.53	1	102.5	0.6	0.59	6.74	<0.5	0.28	2.84	92
40097343		0.31	9.4	24.7	6.67	111.0	5.00	2	102.0	0.6	0.58	7.20	0.5	0.29	3.80	110
40097344		0.39	11.8	31.7	8.43	166.5	6.47	2	90.5	0.8	0.75	8.96	0.8	0.39	6.09	165
40097345		0.43	25.0	39.5	9.18	50.4	9.01	2	32.9	1.6	1.23	4.51	<0.5	0.50	1.60	381
40097346		0.38	11.2	28.6	7.64	123.0	5.63	1	90.1	0.8	0.72	7.96	0.6	0.36	4.59	141
40097347		0.43	31.0	31.0	8.10	131.5	6.19	1	108.5	0.8	0.76	8.20	1.7	0.40	6.64	159
40097348		0.46	27.6	41.8	9.92	52.7	9.83	2	47.2	1.7	1.34	4.25	<0.5	0.50	1.29	409
40097349		0.46	28.1	42.4	9.92	52.3	10.15	2	50.1	1.8	1.37	4.21	<0.5	0.52	1.26	407



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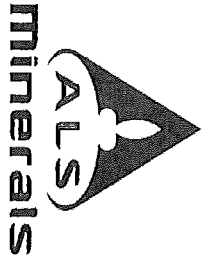
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CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097312	1	22.8	2.52	166	21.5	0.26	0.022	0.47	0.9	0.05	0.05	3.61	99.13	<0.5	28	<0.5
40097312 CRD	1	21.2	2.38	166	15.1	0.18	0.020	0.49	0.6	0.03	0.03	3.17	99.24	<0.5	20	<0.5
40097313	1	22.6	2.41	158	14.3	0.15	0.013	0.41	1.3	0.05	0.05	3.42	98.21	<0.5	19	<0.5
40097314	1	24.6	2.71	144	15.2	0.16	0.016	0.36	1.1	0.04	0.04	3.87	100.88	<0.5	18	<0.5
40097315	1	25.1	2.78	160	11.4	0.14	0.025	0.38	0.8	0.03	0.03	3.70	101.96	<0.5	13	<0.5
40097316	<1	36.6	3.39	270	1.7	0.04	0.020	0.07	0.9	0.01	0.01	1.35	101.69	<0.5	<5	<0.5
40097317	1	38.7	3.40	294	1.5	0.02	0.023	0.06	1.0	<0.01	<0.01	1.53	100.37	<0.5	6	0.5
40097318	2	33.6	3.09	251	1.7	0.03	0.021	0.07	0.9	0.01	0.01	1.40	100.70	<0.5	<5	<0.5
40097319	<1	32.5	3.07	235	1.4	0.03	0.011	<0.05	1.2	0.02	0.02	1.27	100.87	<0.5	7	<0.5
40097320	1	4.3	0.40	24	1.6	0.09	0.018	0.38	1.1	0.13	0.13	10.75	99.93	1.0	<5	0.7
40097321	1	32.5	2.87	234	2.2	0.03	0.019	0.05	0.8	0.01	0.01	1.57	101.09	<0.5	5	<0.5
40097322	1	38.0	3.57	282	5.3	0.04	0.023	0.07	1.1	0.01	0.01	1.80	101.89	<0.5	9	<0.5
40097323	3	38.4	3.55	287	11.9	0.05	0.033	0.07	1.0	0.01	0.01	2.28	101.83	<0.5	13	<0.5
40097324	<1	39.7	3.58	298	7.4	0.08	0.018	0.11	1.0	0.02	0.02	1.51	101.75	<0.5	8	<0.5
40097325	2	38.3	3.46	289	3.2	0.05	0.020	0.10	1.3	0.01	0.01	1.36	101.55	<0.5	<5	<0.5
40097326	1	25.0	2.67	148	15.2	0.12	0.022	0.37	0.9	0.03	0.03	3.91	101.50	<0.5	16	<0.5
40097327	1	23.6	2.58	148	13.0	0.20	0.037	0.69	0.9	0.01	0.01	3.74	101.36	<0.5	15	<0.5
40097328	3	23.8	2.44	146	8.1	0.10	0.026	0.31	0.9	0.01	0.01	3.82	101.31	<0.5	13	<0.5
40097329	<1	24.1	2.37	133	0.7	0.01	0.020	0.05	0.4	<0.01	<0.01	2.15	100.78	<0.5	<5	<0.5
40097330	<1	23.7	2.36	130	0.8	0.01	0.007	0.05	0.6	<0.01	<0.01	2.18	99.95	<0.5	5	<0.5
40097331	<1	22.2	2.15	123	1.2	0.01	0.013	0.07	0.8	<0.01	<0.01	3.21	100.55	<0.5	6	<0.5
40097332	<1	24.5	2.48	136	0.1	0.01	0.013	0.05	0.7	<0.01	<0.01	3.45	100.41	<0.5	7	<0.5
40097332 CRD	<1	24.3	2.41	133	0.3	0.01	0.018	<0.05	0.7	<0.01	<0.01	2.41	98.51	<0.5	<5	<0.5
40097333	1	24.3	2.45	137	1.8	0.03	0.021	0.43	1.0	<0.01	<0.01	4.88	98.07	<0.5	<5	<0.5
40097334	1	15.5	1.74	203	8.3	0.04	0.015	0.38	0.5	<0.01	<0.01	2.80	101.51	<0.5	12	<0.5
40097335	1	18.8	2.23	180	9.3	0.10	0.024	0.37	0.4	<0.01	<0.01	3.14	100.71	<0.5	16	<0.5
40097336	1	24.9	2.63	148	35.9	0.31	0.046	0.97	1.2	0.03	0.03	4.95	100.54	<0.5	33	<0.5
40097337	3	25.1	2.69	152	41.6	0.32	0.031	0.49	1.1	0.05	0.05	4.90	99.96	<0.5	45	0.7
40097338	2	24.0	2.72	179	19.9	0.30	0.012	0.51	1.0	0.02	0.02	4.50	99.91	<0.5	24	<0.5
40097339	1	18.9	2.24	190	11.0	0.21	0.010	0.22	0.6	0.01	0.01	3.41	101.63	<0.5	13	<0.5
40097340	1	20.4	2.02	123	0.3	0.01	<0.005	<0.05	0.2	<0.01	<0.01	1.21	100.44	<0.5	<5	<0.5
40097341	3	24.1	2.58	150	33.8	0.32	0.027	0.66	1.0	0.05	0.05	4.89	99.98	<0.5	40	0.9
40097342	1	16.9	1.85	185	8.6	0.10	0.014	0.20	0.5	0.01	0.01	2.57	100.71	<0.5	10	<0.5
40097343	1	17.4	2.00	177	9.8	0.15	0.017	0.20	0.7	<0.01	<0.01	3.03	101.98	<0.5	15	<0.5
40097344	3	24.3	2.57	152	13.9	0.26	0.016	0.14	1.2	0.04	0.04	3.75	101.11	<0.5	18	<0.5
40097345	1	33.9	3.07	271	6.2	0.06	0.005	0.19	1.1	<0.01	<0.01	2.79	99.69	<0.5	11	<0.5
40097346	2	21.8	2.29	158	15.5	0.05	0.018	0.19	0.8	0.01	0.01	3.65	98.73	<0.5	24	<0.5
40097347	3	23.9	2.46	152	23.7	0.12	0.015	0.63	0.6	0.03	0.03	3.71	101.90	<0.5	23	<0.5
40097348	1	36.4	3.26	290	3.0	0.05	0.010	0.12	0.7	<0.01	<0.01	0.93	98.81	<0.5	<5	<0.5
40097349	3	36.5	3.31	295	1.9	0.05	0.019	0.09	0.6	<0.01	<0.01	0.83	98.38	<0.5	11	<0.5

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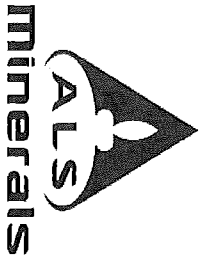
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Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097312 CRD		22	67	90	3	83	13	21	178	0.003	0.0012	0.002
40097313		19	52	80	2	73	12	18	150	0.002	0.0010	0.001
40097314		22	75	90	2	85	16	21	186	0.003	0.0013	0.002
40097315		25	84	120	4	93	15	23	178	0.002	0.0014	0.002
40097316		24	77	120	3	87	23	21	212	0.003	0.0014	0.002
40097317		39	261	20	<1	38	<2	23	143	0.004	0.0034	0.008
40097318		35	212	20	<1	27	3	23	146	0.004	0.0029	0.005
40097319		36	233	30	<1	30	3	22	141	0.004	0.0030	0.007
40097320		146	257	30	<1	29	2	22	126	0.004	0.0033	0.008
40097321		35	587	<10	1	1945	59	10	204	0.015	0.0061	0.004
40097322		42	253	20	<1	31	<2	22	134	0.004	0.0032	0.006
40097323		36	263	30	<1	37	2	25	153	0.006	0.0036	0.008
40097324		40	195	30	<1	30	<2	22	164	0.007	0.0028	0.007
40097325		42	279	30	<1	35	3	24	146	0.009	0.0033	0.008
40097326		26	290	30	<1	44	2	25	163	0.005	0.0039	0.010
40097327		22	80	100	2	91	12	22	141	0.003	0.0014	0.002
40097328		31	64	90	2	83	17	21	189	0.003	0.0012	0.002
40097329		55	96	110	1	106	12	23	187	0.004	0.0024	0.003
40097330		58	174	20	<1	173	2	28	116	0.003	0.0058	0.007
40097331		58	176	20	<1	177	<2	27	113	0.003	0.0057	0.006
40097332		57	164	30	<1	182	<2	27	110	0.003	0.0053	0.006
40097332 CRD		59	177	30	<1	178	<2	30	112	0.003	0.0055	0.006
40097333		54	179	20	<1	182	<2	29	115	0.003	0.0055	0.006
40097334		14	162	70	<1	164	2	28	99	0.003	0.0049	0.006
40097335		17	20	70	<1	51	14	12	72	0.002	0.0007	0.001
40097336		17	35	80	1	63	13	17	107	0.001	0.0009	0.001
40097337		26	93	60	9	92	21	21	209	0.004	0.0016	0.002
40097338		26	88	50	10	104	17	22	229	0.003	0.0017	0.002
40097339		25	76	60	5	93	11	22	163	0.003	0.0015	0.001
40097340		18	37	50	1	69	8	19	98	0.002	0.0011	0.001
40097341		51	32	10	<1	29	4	33	115	<0.001	<0.0005	<0.001
40097342		31	117	60	13	110	31	22	257	0.005	0.0020	0.003
40097343		14	27	50	<1	55	8	14	87	0.001	0.0008	0.001
40097344		19	36	60	2	70	9	18	80	0.001	0.0011	0.001
40097345		25	74	70	5	92	9	23	155	0.002	0.0013	0.002
40097346		47	236	40	2	73	5	26	135	0.003	0.0026	0.009
40097347		21	71	90	3	80	7	19	122	0.001	0.0013	0.002
40097348		25	71	80	6	93	12	21	107	0.003	0.0016	0.002
40097349		54	288	20	2	79	9	28	171	0.004	0.0034	0.011
40097349		54	288	10	<1	67	9	27	164	0.004	0.0036	0.012



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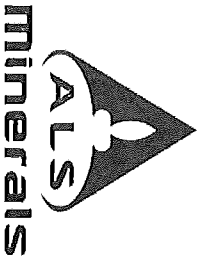
To: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

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 Finalized Date: 16-AUG-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEI-21 Revnd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40097350		0.16			37.1	3.07	14.10	2.02	0.21	32.9	0.12	0.59	0.27	0.16	0.04	0.01
40097351		12.15			48.8	12.60	17.30	7.17	3.14	4.29	1.15	0.01	3.74	0.19	0.40	0.01
40097352		12.31			49.3	12.90	17.15	7.05	3.13	4.25	1.30	0.01	3.57	0.19	0.42	0.01
40097352 CRD		<0.02			49.5	13.00	17.30	7.04	3.13	4.28	1.31	0.01	3.57	0.19	0.41	0.01
40097353		12.24			48.5	12.45	17.30	7.00	3.03	4.40	1.17	0.01	3.54	0.19	0.41	0.01
40097354		13.04			49.1	12.80	17.35	6.97	3.07	4.55	1.27	0.01	3.53	0.19	0.39	0.01
40097355		12.41			49.5	12.70	17.50	6.86	3.08	4.28	1.37	0.01	3.68	0.19	0.42	0.01
40097356		11.79			47.9	12.35	17.15	7.05	3.16	4.23	0.95	0.01	3.61	0.19	0.41	0.01
40097357		9.24			49.8	12.80	17.60	7.06	3.01	4.36	1.05	0.01	3.70	0.20	0.42	0.01
40097358		7.75			49.4	12.55	17.45	6.91	3.05	4.47	0.98	0.01	3.64	0.20	0.42	0.01
40097359		3.63			61.8	16.50	8.94	0.38	1.99	2.59	3.46	0.03	0.81	0.03	0.13	0.01
40097360		4.04			62.6	16.35	9.12	0.39	1.90	2.67	3.50	0.03	0.80	0.03	0.12	0.01
40097361		11.25			63.6	15.55	8.59	0.65	1.93	2.50	3.30	0.02	0.72	0.05	0.10	0.02
40097362		10.62			71.2	13.05	5.99	0.69	2.72	1.99	2.18	0.02	0.58	0.04	0.16	0.02
40097363		11.31			63.8	16.15	8.23	0.56	1.87	2.62	3.33	0.02	0.76	0.06	0.12	0.02
40097364		11.81			63.2	15.90	8.18	0.50	1.87	2.63	3.18	0.02	0.74	0.05	0.11	0.02
40097365		10.89			63.0	16.40	8.41	0.44	1.87	2.79	3.25	0.03	0.78	0.06	0.11	0.02
40097366		11.46			61.0	17.80	9.32	0.40	1.66	2.89	3.80	0.03	0.84	0.06	0.12	0.01
40097367		11.40			61.8	17.40	8.49	0.47	1.86	2.85	3.48	0.03	0.84	0.06	0.11	0.01
40097368		5.88	83.5	88.6	61.3	17.45	8.89	0.44	1.48	3.25	3.88	0.03	0.82	0.06	0.11	0.02
40097369		9.06			49.9	15.80	12.65	8.15	2.51	5.02	0.82	0.01	1.65	0.15	0.26	0.04
40097370		0.24			53.5	15.80	10.50	9.79	2.83	6.55	0.85	<0.01	0.97	0.16	0.11	0.04
40097371		11.04			50.3	15.35	13.45	8.47	2.62	5.18	0.70	0.01	1.98	0.16	0.29	0.04
40097372		10.39			49.5	12.75	6.62	6.62	2.87	4.51	0.93	0.01	3.65	0.20	0.42	0.05
40097372 CRD		<0.02			48.7	13.10	16.95	6.90	2.96	4.38	0.94	0.01	3.69	0.21	0.42	0.05
40097373		7.93			60.0	18.35	9.03	0.46	1.64	3.00	3.74	0.03	0.87	0.04	0.11	0.01
40097374		10.95			60.9	17.15	8.19	0.46	1.90	2.79	3.46	0.02	0.79	0.03	0.11	0.01
40097375		11.33			60.0	17.60	8.42	1.86	1.77	2.93	3.52	0.03	0.82	0.05	0.11	0.01
40097376		10.82			56.1	17.30	9.37	0.58	1.38	2.92	3.76	0.02	0.78	0.03	0.10	0.01
40097377		11.54			59.3	17.90	8.98	0.45	1.62	2.93	3.63	0.03	0.82	0.03	0.11	0.01
40097378		10.59			57.7	17.35	8.89	0.44	1.51	2.89	3.66	0.02	0.78	0.03	0.10	0.01
40097379		11.10			57.8	16.90	8.51	0.44	1.57	2.90	3.48	0.02	0.77	0.04	0.11	0.01
40097380		0.16			36.7	3.17	13.80	2.06	0.22	3.21	0.09	0.58	0.27	0.17	0.04	0.01
40097381		11.57			57.7	18.00	9.59	0.46	1.53	3.00	3.71	0.03	0.82	0.03	0.11	0.01
40097382		10.65			56.9	17.45	9.19	0.48	1.44	2.99	3.73	0.02	0.78	0.03	0.10	0.01
40097383		11.32			57.4	17.60	9.05	0.41	1.46	3.06	3.78	0.02	0.79	0.03	0.11	0.01
40097384		11.33			58.8	18.10	8.41	0.49	1.52	3.15	3.88	0.03	0.82	0.04	0.11	0.01
40097385		4.46			58.6	18.80	8.35	0.39	1.42	3.11	3.97	0.03	0.85	0.03	0.11	0.01



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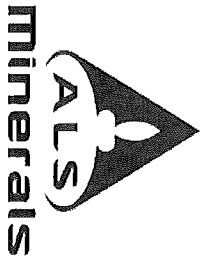
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CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ca ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097330	0.08	0.21	0.37	0.03	727	6.3	4590	0.21	0.78	0.39	0.20	4.6	0.84	0.6	0.17	3.0
40097351	0.05	0.05	0.03	0.03	408	68.8	40	4.90	7.35	3.80	2.59	23.9	8.85	6.8	1.40	30.0
40097352	0.05	0.03	0.04	0.04	404	71.6	50	5.44	7.49	3.85	2.74	24.0	8.71	7.1	1.41	31.2
40097352 CRD	0.05	0.03	0.03	0.03	414	73.5	50	5.66	7.55	4.00	2.73	24.1	8.95	7.1	1.43	32.5
40097353	0.04	0.06	0.03	0.03	358	71.2	50	5.44	7.46	3.85	2.67	23.6	8.65	6.9	1.43	31.4
40097354	0.04	0.03	0.04	0.04	368	68.7	50	5.33	7.35	3.68	2.61	23.8	8.48	6.7	1.36	30.1
40097355	0.05	0.04	0.05	0.05	422	75.0	50	5.31	7.78	3.96	2.68	24.9	9.11	7.1	1.47	32.4
40097356	0.03	0.36	0.62	0.62	299	73.3	40	3.93	7.61	4.01	2.82	23.9	9.07	7.2	1.46	31.9
40097357	0.04	0.06	0.05	0.05	339	72.4	50	4.94	7.65	3.84	2.67	23.7	8.80	7.0	1.45	31.6
40097358	0.05	0.11	0.17	0.17	443	71.9	40	2.93	7.49	3.87	2.71	23.6	9.10	6.9	1.43	31.6
40097359	0.06	0.05	1.25	1.25	591	66.7	210	8.72	4.42	2.57	1.21	21.3	4.74	4.6	0.89	31.9
40097360	0.06	0.04	1.19	1.19	588	66.0	220	9.04	4.66	2.76	1.27	21.6	5.03	4.6	0.93	34.8
40097361	0.06	0.53	1.54	1.54	518	61.9	200	9.64	4.14	2.64	1.07	20.1	4.63	4.4	0.86	30.3
40097362	0.04	0.19	0.31	0.31	361	52.1	170	4.56	3.34	1.98	0.91	15.2	3.61	5.1	0.64	24.9
40097363	0.06	0.40	1.06	1.06	517	61.9	190	9.55	4.28	2.44	1.18	20.5	4.74	4.0	0.86	30.2
40097364	0.06	0.39	0.99	0.99	510	64.8	180	9.94	4.33	2.45	1.21	21.2	4.70	4.1	0.86	31.7
40097365	0.06	0.36	1.02	1.02	516	66.6	200	9.99	4.26	2.51	1.30	21.2	4.77	4.4	0.85	32.3
40097366	0.07	0.34	1.83	1.83	572	66.6	200	10.95	4.57	2.68	1.12	23.1	5.01	4.2	0.90	32.4
40097367	0.06	0.33	1.09	1.09	530	65.3	200	10.60	4.47	2.62	1.28	21.7	5.02	4.3	0.88	32.4
40097368	0.06	0.22	0.92	0.92	597	67.0	200	12.40	4.52	2.57	1.20	23.2	4.91	4.0	0.90	33.5
40097369	0.04	0.13	0.29	0.29	343	50.0	100	2.48	5.13	3.05	1.59	19.6	5.58	4.3	1.02	23.7
40097370	0.04	0.07	0.10	0.10	309	30.0	20	0.56	3.08	1.82	1.01	18.1	3.36	2.4	0.61	14.8
40097371	0.03	0.17	0.26	0.26	300	52.5	90	2.87	5.61	3.07	1.77	20.2	5.99	4.7	1.09	24.4
40097372	0.04	0.14	0.14	0.14	358	70.3	40	3.84	7.11	3.63	2.51	23.0	8.44	6.9	1.40	30.8
40097372 CRD	0.04	0.20	0.14	0.14	385	76.6	50	4.19	7.99	4.01	2.97	23.3	8.92	7.1	1.46	33.2
40097373	0.07	0.21	1.31	1.31	574	66.9	190	9.83	4.50	2.71	1.35	21.8	5.26	4.0	0.94	33.3
40097374	0.06	0.32	0.87	0.87	560	70.0	210	11.40	4.76	2.79	1.39	22.4	5.18	4.4	0.98	34.8
40097375	0.06	0.74	0.88	0.88	522	65.2	180	10.15	4.83	2.64	1.40	20.8	5.19	4.2	0.93	32.3
40097376	0.06	0.99	2.09	2.09	575	67.5	190	11.40	4.75	2.85	1.39	21.9	5.31	3.9	0.96	33.7
40097377	0.06	0.82	1.50	1.50	521	67.3	180	11.05	4.61	2.72	1.27	21.2	5.25	4.0	0.92	33.7
40097378	0.06	0.85	1.57	1.57	551	70.5	200	12.05	4.81	2.76	1.38	22.4	5.48	4.1	1.01	35.4
40097379	0.05	1.18	1.18	1.18	504	66.1	190	11.60	4.71	2.78	1.33	21.1	5.14	4.0	0.96	34.8
40097380	0.08	0.22	0.39	0.39	737	6.6	4180	0.20	0.84	0.47	0.24	4.1	0.80	0.5	0.17	3.1
40097381	0.06	0.99	2.01	2.01	535	69.8	200	12.95	4.90	2.79	1.35	22.4	5.42	4.0	1.01	34.8
40097382	0.06	0.85	1.72	1.72	606	68.0	190	12.75	4.71	2.76	1.34	22.2	5.31	3.9	0.96	33.9
40097383	0.06	0.77	1.45	1.45	554	69.7	200	13.55	5.08	2.89	1.36	23.0	5.33	4.0	0.99	35.0
40097384	0.06	0.63	0.65	0.65	574	69.3	200	14.20	4.79	2.87	1.39	23.3	5.32	4.0	0.94	34.4
40097385	0.07	0.72	0.71	0.71	634	70.2	190	15.20	4.98	2.96	1.44	23.1	5.43	4.0	1.00	35.3



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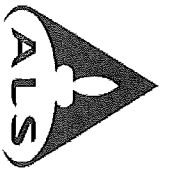
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Page: 4 - C
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Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm								
40097350	0.06	1.4	3.2	0.80	3.7	0.80	49.4	0.1	0.12	0.51	<0.5	0.06	0.08	28									
40097351	0.44	25.9	38.3	9.19	43.8	9.15	50.2	1.6	1.26	3.82	<0.5	0.47	1.13	422									
40097352	0.44	26.4	40.3	9.43	47.9	9.50	52.9	1.7	1.31	4.01	<0.5	0.49	1.24	404									
40097352 CRD	0.45	26.7	40.9	9.54	49.5	9.62	54.2	1.6	1.35	4.08	<0.5	0.50	1.23	413									
40097353	0.46	26.4	39.9	9.30	43.9	9.28	48.6	1.6	1.30	3.92	<0.5	0.47	1.17	402									
40097354	0.43	25.7	39.0	9.15	46.3	8.74	50.5	1.6	1.24	3.73	<0.5	0.48	1.11	401									
40097355	0.47	27.9	41.8	9.71	50.9	9.86	52.2	1.7	1.33	4.10	<0.5	0.52	1.23	422									
40097356	0.44	26.7	41.0	9.59	37.3	9.42	43.8	1.7	1.29	3.99	<0.5	0.49	1.23	408									
40097357	0.44	26.9	40.0	9.42	40.9	9.34	43.3	1.7	1.27	4.03	<0.5	0.50	1.25	412									
40097358	0.45	26.4	40.2	9.45	37.1	9.06	41.9	1.7	1.37	4.10	<0.5	0.49	1.23	405									
40097359	0.38	11.3	28.7	7.86	163.0	6.14	131.0	0.7	0.72	8.17	1.1	0.37	7.12	162									
40097360	0.41	11.5	31.0	8.23	169.5	6.20	141.5	0.8	0.77	8.24	1.3	0.41	7.33	169									
40097361	0.39	10.4	27.7	7.31	157.0	5.49	113.5	0.7	0.72	8.02	2.7	0.37	8.09	173									
40097362	0.30	8.3	23.5	6.15	92.6	4.49	104.5	0.6	0.53	6.66	0.7	0.27	3.37	93									
40097363	0.37	10.6	29.4	7.61	156.5	5.72	102.5	0.7	0.65	8.39	1.3	0.37	6.46	155									
40097364	0.36	10.6	30.3	7.89	153.5	6.01	104.0	0.7	0.70	8.00	1.6	0.38	6.16	155									
40097365	0.36	10.8	30.7	8.12	156.5	6.08	102.0	0.7	0.73	8.18	1.3	0.37	5.47	156									
40097366	0.39	11.4	30.9	8.13	181.0	6.27	84.0	0.8	0.74	8.49	1.5	0.38	6.53	161									
40097367	0.38	11.2	30.8	8.13	163.0	6.17	94.3	0.8	0.75	8.27	1.2	0.39	5.99	156									
40097368	0.39	11.6	31.4	8.40	186.5	6.33	95.4	0.8	0.75	8.44	1.0	0.37	5.94	163									
40097369	0.38	10.7	25.7	6.18	22.9	5.71	28.7	0.6	0.64	2.52	<0.5	0.42	0.52	251									
40097370	0.21	6.2	14.6	3.52	20.6	3.43	27.7	0.4	0.49	2.73	<0.5	0.24	0.44	219									
40097371	0.41	12.7	27.5	6.56	19.4	6.10	29.7	0.8	0.93	2.59	<0.5	0.43	0.53	274									
40097372	0.44	25.6	38.9	9.19	37.9	9.27	39.8	1.6	1.24	3.95	<0.5	0.47	1.18	390									
40097372 CRD	0.48	27.5	42.3	9.85	40.5	9.27	43.8	1.7	1.37	4.36	<0.5	0.53	1.34	453									
40097373	0.40	11.4	31.6	8.31	168.5	6.07	91.4	0.8	0.77	8.65	1.0	0.40	6.06	190									
40097374	0.42	12.1	32.4	8.55	174.5	6.31	96.2	0.8	0.77	9.04	1.2	0.41	5.29	183									
40097375	0.39	10.9	30.7	7.98	165.0	5.95	115.5	0.7	0.77	8.52	1.2	0.37	5.12	180									
40097376	0.40	11.3	32.1	8.39	184.0	6.23	81.6	0.8	0.80	8.62	1.7	0.42	8.30	201									
40097377	0.40	11.2	31.4	8.34	172.5	6.07	83.8	0.8	0.78	8.68	1.2	0.40	6.98	193									
40097378	0.42	11.6	33.2	8.73	183.5	6.62	83.8	0.8	0.81	9.01	1.4	0.42	7.70	207									
40097379	0.40	10.9	30.7	8.35	169.0	6.17	100.5	0.8	0.82	8.45	1.1	0.40	6.38	192									
40097380	0.06	1.4	3.5	0.78	3.2	0.70	48.5	0.1	0.14	0.55	<0.5	0.07	0.12	37									
40097381	0.41	11.4	32.9	8.81	182.0	6.26	82.4	0.8	0.78	9.04	1.4	0.39	8.14	202									
40097382	0.42	11.2	31.8	8.51	182.0	6.05	74.0	0.8	0.81	8.62	1.2	0.42	7.00	195									
40097383	0.40	11.7	33.4	8.72	188.0	6.42	77.9	0.8	0.83	9.21	1.1	0.42	6.98	202									
40097384	0.42	11.7	32.8	8.80	189.5	6.36	77.8	0.8	0.81	9.16	1.0	0.41	6.30	197									
40097385	0.43	11.7	33.0	8.68	195.5	6.56	86.7	0.8	0.82	9.32	1.1	0.42	7.74	210									

***** See Appendix Page for comments regarding this certificate *****



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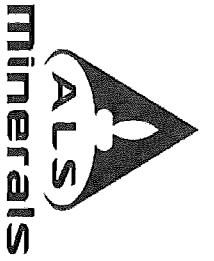
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097350	<1	3.9	0.36	24	1.4	0.10	0.10	0.014	0.32	1.5	0.16	10.75	101.42	1.4	5	0.8
40097351	1	33.5	2.98	270	2.0	0.04	0.014	0.014	0.09	1.0	<0.01	1.31	100.21	<0.5	5	<0.5
40097352	1	34.7	3.09	280	1.6	0.05	0.010	0.010	0.07	1.1	<0.01	1.03	100.42	<0.5	6	<0.5
40097352 CRD	1	35.5	3.17	280	1.7	0.04	0.010	0.010	0.07	0.9	<0.01	0.98	100.84	<0.5	7	<0.5
40097353	1	34.2	3.07	277	1.6	0.04	0.005	0.005	0.09	0.9	<0.01	1.23	99.33	<0.5	<5	<0.5
40097354	1	33.6	3.05	268	1.4	0.05	0.006	0.006	0.07	1.1	<0.01	0.70	100.03	<0.5	<5	<0.5
40097355	1	36.1	3.13	289	1.6	0.04	0.008	0.008	0.08	1.1	<0.01	0.71	100.42	<0.5	6	<0.5
40097356	1	35.3	3.07	282	1.2	0.04	0.027	0.027	0.20	1.1	0.01	2.35	99.44	<0.5	8	<0.5
40097357	1	34.8	3.05	280	1.7	0.05	0.015	0.015	0.07	0.9	<0.01	1.39	101.49	<0.5	8	<0.5
40097358	1	34.7	3.08	278	1.8	0.04	0.015	0.015	0.18	1.0	<0.01	1.70	100.89	<0.5	<5	<0.5
40097359	2	23.0	2.53	180	19.9	0.24	0.032	0.032	0.41	1.1	0.03	3.39	100.12	<0.5	25	<0.5
40097360	3	23.6	2.59	166	20.4	0.25	0.033	0.033	0.41	1.2	0.02	3.54	101.13	<0.5	27	0.6
40097361	2	22.9	2.62	165	29.5	0.27	0.043	0.043	1.06	1.4	0.05	4.11	101.20	<0.5	32	1.7
40097362	2	16.5	1.93	188	13.3	0.13	0.022	0.022	0.40	0.7	0.02	2.82	101.50	<0.5	15	<0.5
40097363	2	22.3	2.40	154	20.9	0.24	0.026	0.026	0.71	1.4	0.03	4.05	101.65	<0.5	26	0.7
40097364	2	22.2	2.42	155	23.0	0.24	0.047	0.047	0.71	1.1	0.04	3.98	100.44	<0.5	27	0.6
40097365	2	22.6	2.43	162	18.8	0.24	0.028	0.028	0.51	1.0	0.02	3.87	101.09	<0.5	22	<0.5
40097366	2	23.6	2.56	153	23.6	0.26	0.028	0.028	0.61	0.6	0.03	4.34	101.34	<0.5	31	<0.5
40097367	2	22.8	2.54	158	15.8	0.24	0.041	0.041	0.48	1.1	0.02	4.03	101.49	<0.5	18	<0.5
40097368	2	23.1	2.41	149	13.4	0.29	0.049	0.049	0.58	0.9	0.03	3.93	101.72	<0.5	19	<0.5
40097369	1	26.1	2.54	175	2.3	0.17	0.012	0.012	0.55	0.7	<0.01	2.06	99.06	<0.5	<5	<0.5
40097370	<1	15.1	1.42	88	0.7	0.02	<0.005	<0.005	<0.05	0.5	0.01	0.80	101.94	<0.5	<5	<0.5
40097371	2	27.3	2.78	189	10.6	0.07	0.038	0.038	0.40	0.9	<0.01	2.10	100.68	<0.5	12	0.6
40097372	1	33.4	3.06	268	10.1	0.06	0.065	0.065	0.35	1.0	<0.01	1.84	100.69	<0.5	13	0.7
40097372 CRD	1	37.3	3.27	290	10.1	0.06	0.054	0.054	0.36	1.0	<0.01	1.92	100.27	<0.5	12	0.7
40097373	2	24.0	2.53	148	18.1	0.25	0.084	0.084	0.46	0.6	0.02	4.14	101.49	<0.5	19	<0.5
40097374	2	24.8	2.74	164	14.3	0.23	0.074	0.074	0.54	0.8	0.02	4.31	100.18	<0.5	15	<0.5
40097375	2	24.5	2.49	156	24.0	0.23	0.111	0.111	0.55	0.8	0.02	4.78	101.96	<0.5	27	<0.5
40097376	2	25.1	2.63	144	29.6	0.29	0.188	0.188	1.66	1.4	0.04	6.35	98.76	<0.5	32	0.7
40097377	3	24.4	2.72	148	24.6	0.27	0.198	0.198	1.22	1.4	0.04	6.06	101.93	<0.5	22	0.6
40097378	2	26.2	2.73	155	23.1	0.28	0.220	0.220	1.23	0.8	0.04	6.40	99.84	<0.5	23	0.6
40097379	3	24.7	2.68	146	19.8	0.26	0.170	0.170	0.98	1.2	0.03	5.95	98.92	<0.5	20	0.6
40097380	1	4.2	0.35	22	1.4	0.10	0.015	0.015	0.32	1.4	0.16	10.65	99.94	1.2	<5	0.7
40097381	3	25.6	2.74	146	27.1	0.27	0.228	0.228	1.51	1.4	0.06	6.67	101.72	<0.5	28	0.6
40097382	2	24.7	2.68	141	24.0	0.27	0.212	0.212	1.62	1.2	0.04	6.36	99.54	<0.5	23	<0.5
40097383	2	25.5	2.75	150	26.9	0.27	0.186	0.186	1.65	1.2	0.05	6.08	99.86	<0.5	28	0.8
40097384	2	24.7	2.74	147	14.1	0.28	0.118	0.118	0.32	0.9	0.05	5.37	100.79	<0.5	19	0.6
40097385	2	26.0	2.73	145	13.8	0.34	0.138	0.138	0.27	1.2	0.04	5.41	101.15	<0.5	17	<0.5



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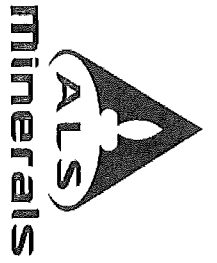
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 354-200 GRANVILLE STREET
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 Account: KAV

Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097350		139	538	<10	2	1830	59	10	195	0.017	0.0069	0.004
40097351		55	255	20	1	76	2	26	139	0.004	0.0033	0.011
40097352 CRD		55	266	10	1	82	5	25	152	0.004	0.0035	0.011
40097353		54	263	20	2	83	6	25	151	0.004	0.0033	0.010
40097354		55	265	20	<1	84	6	25	154	0.004	0.0033	0.012
40097355		56	279	10	1	101	5	25	158	0.004	0.0033	0.012
40097356		55	269	10	1	78	6	26	157	0.004	0.0035	0.011
40097357		54	264	20	1	75	11	26	151	0.003	0.0034	0.010
40097358		53	276	20	1	80	6	27	160	0.005	0.0031	0.011
40097359		53	269	30	1	77	12	26	158	0.004	0.0030	0.011
40097360		24	75	90	8	97	9	21	164	0.003	0.0016	0.002
40097361		24	75	90	7	98	13	21	172	0.003	0.0017	0.002
40097362		24	90	70	11	101	24	20	292	0.004	0.0027	0.002
40097363		15	35	60	2	58	6	14	102	0.001	0.0014	0.001
40097364		21	89	70	6	89	16	21	171	0.003	0.0027	0.002
40097365		21	67	70	5	87	17	20	225	0.003	0.0025	0.002
40097366		25	64	70	4	83	14	21	181	0.003	0.0025	0.002
40097367		23	67	60	5	89	20	23	165	0.003	0.0027	0.002
40097368		23	65	60	4	88	18	22	168	0.003	0.0019	0.002
40097369		23	67	110	4	87	12	21	175	0.002	0.0019	0.002
40097370		42	104	30	1	96	5	24	108	0.001	0.0019	0.002
40097371		40	48	10	<1	49	7	24	75	<0.001	0.0006	<0.001
40097372		43	128	30	1	87	7	23	105	0.002	0.0020	0.003
40097372 CRD		50	255	40	1	75	5	25	151	0.004	0.0032	0.011
40097373		49	257	40	1	75	7	24	147	0.004	0.0033	0.011
40097374		21	67	60	5	90	10	22	177	0.002	0.0019	0.002
40097375		21	53	60	3	82	13	20	160	0.002	0.0018	0.002
40097376		21	60	70	4	82	13	20	168	0.002	0.0018	0.002
40097377		26	103	80	10	104	29	22	247	0.004	0.0028	0.003
40097378		26	91	80	8	91	22	21	231	0.003	0.0026	0.002
40097379		23	90	80	8	93	22	22	253	0.003	0.0025	0.002
40097380		23	84	80	6	87	21	21	204	0.003	0.0026	0.002
40097381		139	546	<10	2	1850	54	10	204	0.017	0.0070	0.004
40097382		26	95	90	7	95	24	21	224	0.004	0.0028	0.003
40097383		25	90	90	7	91	23	22	203	0.003	0.0026	0.002
40097384		23	82	80	7	91	25	22	215	0.003	0.0025	0.002
40097385		23	81	80	5	87	13	22	199	0.003	0.0025	0.002
			94	90	8	93	14	23	179	0.003	0.0027	0.002



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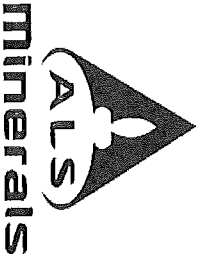
Project: EB80001742

CERTIFICATE OF ANALYSIS TB14114754

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	CRU-QC PUL-32 SPL-21d	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-MS81 TOT-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-4ACD81 OA-GRA05	ME-ICP06 PGM-MS24	ME-MS42 S-IR08



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CERTIFICATE TB14114220

Project: EB80001743
 P.O. No.: 3101202290
 This report is for 39 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-AUG-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 BRIAN GOLDNER

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
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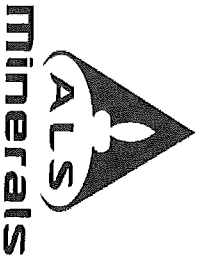
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Revid with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% < 75um

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dtg.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

ANALYTICAL PROCEDURES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:
 Colin Ramshaw, Vancouver Laboratory Manager



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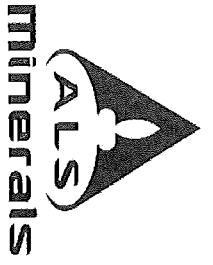
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 Account: KAV

Project: EB80001743

CERTIFICATE OF ANALYSIS TB14114220

Sample Description	Method Analyte Units LOR	WEI-21 Recard Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097775		0.24			52.2	15.20	10.45	9.98	2.68	6.65	0.81	<0.01	1.07	0.16	0.11	0.04
40097776		4.20	84.3	90.4	50.6	16.25	12.55	7.73	2.41	6.55	0.85	0.03	1.90	0.16	0.21	0.03
40097777		5.54			52.2	16.05	12.00	6.10	2.31	5.78	1.36	0.03	1.78	0.13	0.20	0.03
40097778		5.95			51.1	15.80	12.15	7.48	2.37	6.32	1.18	0.03	1.79	0.14	0.21	0.03
40097779		6.06			49.0	15.80	13.15	8.58	2.47	6.79	0.91	0.03	1.95	0.16	0.22	0.03
40097780		0.09			37.6	5.71	15.80	3.80	0.68	23.7	0.23	0.27	0.44	0.15	0.04	0.01
40097781		8.25			48.6	16.05	12.30	8.31	2.50	6.97	0.78	0.03	1.79	0.16	0.18	0.03
40097782		5.44			50.4	16.10	11.60	6.04	2.60	5.86	1.79	0.03	1.78	0.13	0.18	0.05
40097783		5.73			48.0	17.10	11.20	8.31	2.40	6.39	1.54	0.06	1.57	0.14	0.17	0.06
40097784		5.90			44.4	19.25	9.62	10.15	1.99	6.71	1.48	0.06	1.06	0.12	0.11	0.05
40097785		5.49			44.9	19.95	10.80	9.16	2.13	5.56	1.47	0.09	0.75	0.10	0.09	0.04
40097786		5.75			51.0	17.30	10.05	6.69	2.59	6.35	1.09	0.05	1.06	0.11	0.14	0.04
40097787		6.30			47.5	15.20	15.15	7.22	2.32	7.11	0.79	0.06	1.31	0.16	0.12	0.04
40097788		5.58			46.8	15.90	13.55	7.24	2.33	7.71	0.94	0.07	0.93	0.13	0.10	0.05
40097789		2.67			43.2	17.65	13.30	8.92	2.01	8.59	0.58	0.09	0.83	0.12	0.08	0.04
40097790		2.87			43.1	17.40	13.20	8.81	2.01	8.69	0.57	0.09	0.90	0.13	0.09	0.04
40097791		6.24			42.7	16.45	13.85	8.89	1.99	9.09	0.38	0.09	1.17	0.13	0.13	0.03
40097792		5.66			43.0	19.20	11.35	9.64	1.80	9.16	0.49	0.36	1.31	0.12	0.07	0.03
40097793		5.71			42.7	21.6	8.82	10.60	2.26	6.11	0.67	0.02	0.47	0.08	0.05	0.05
40097794		5.91			44.5	21.2	9.36	10.45	2.11	7.54	0.45	0.03	0.69	0.10	0.08	0.04
40097794 CRD		<0.02			44.0	21.0	9.09	10.40	2.10	7.36	0.46	0.03	0.67	0.10	0.08	0.04
40097795		5.90			43.9	19.15	11.30	10.85	2.08	7.36	0.31	0.20	0.98	0.13	0.09	0.03
40097796		5.86			45.3	19.30	9.92	11.05	2.21	7.58	0.34	0.06	0.83	0.13	0.08	0.03
40097797		5.86			45.2	18.45	10.80	10.80	2.22	7.88	0.27	0.07	0.96	0.13	0.09	0.03
40097798		6.01			45.6	19.55	10.05	10.65	2.27	8.23	0.28	0.07	0.88	0.13	0.10	0.04
40097799		6.44			45.7	20.00	10.05	10.65	2.35	8.06	0.29	0.07	0.94	0.13	0.10	0.04
40097800		0.33			51.4	14.35	10.30	10.40	2.36	7.95	0.67	0.05	0.91	0.17	0.09	0.04
40097801		5.90			47.2	18.00	11.05	10.80	2.19	6.38	0.47	0.07	1.65	0.15	0.18	0.03
40097802		5.89			43.5	19.90	9.84	10.70	2.19	7.45	0.30	0.02	0.94	0.12	0.11	0.02
40097803		3.74			44.4	19.80	10.35	10.60	2.28	7.41	0.35	0.03	1.00	0.13	0.12	0.04
40097804		6.03			46.5	19.50	10.50	10.70	2.33	8.49	0.27	0.04	1.07	0.14	0.12	0.03
40097805		5.91			46.2	19.70	10.80	10.80	2.30	7.92	0.31	0.03	1.20	0.14	0.15	0.03
40097806		12.16			47.3	18.85	10.85	11.05	2.44	7.19	0.34	0.04	1.35	0.14	0.13	0.03
40097807		11.84			47.0	16.75	12.55	10.30	2.57	7.04	0.41	0.04	1.76	0.17	0.19	0.03
40097808		12.45			47.1	16.35	12.60	10.40	2.61	6.93	0.43	0.05	1.80	0.17	0.19	0.03
40097809		11.78			47.1	14.75	14.25	9.81	2.68	6.36	0.54	0.03	2.13	0.19	0.22	0.03
40097810		0.16			36.7	13.00	13.85	2.08	0.24	32.2	0.11	0.58	0.27	0.17	0.03	<0.01
40097811		12.00			48.9	14.00	12.25	11.85	2.65	6.45	0.50	0.07	2.02	0.18	0.20	0.02
40097812		11.85			48.8	15.40	12.15	10.15	3.15	5.25	0.66	0.03	1.99	0.18	0.24	0.03



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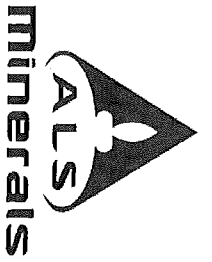
TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80001743
CERTIFICATE OF ANALYSIS TB14114220

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 Finalized Date: 25-AUG-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097775		0.03	0.08	0.11	298	28.7	30	0.59	3.24	1.77	1.13	19.7	3.54	2.3	0.66	14.9
40097776		0.04	0.04	0.10	361	41.4	220	2.50	5.24	2.85	1.84	22.6	5.70	4.0	1.05	20.0
40097777		0.05	0.01	0.11	445	43.4	200	5.06	5.05	2.77	1.70	22.3	5.32	3.9	1.05	21.5
40097778		0.04	0.01	0.03	312	40.1	220	4.52	5.00	2.82	1.65	21.1	5.41	4.0	1.08	19.1
40097779		0.03	0.01	0.09	241	38.6	210	2.76	5.05	2.88	1.61	21.0	5.24	3.9	1.06	18.5
40097780		0.01	0.14	2.33	99.5	10.2	1920	0.83	1.28	0.64	0.42	8.0	1.38	0.8	0.27	5.3
40097781		0.02	0.01	0.05	214	36.8	220	2.37	5.00	2.75	1.66	21.8	5.46	3.8	1.03	17.7
40097782		0.04	0.02	0.12	327	44.7	200	4.26	4.87	2.89	1.68	22.8	5.34	4.0	1.02	22.2
40097783		0.03	0.11	0.18	241	36.6	410	2.12	4.68	2.52	1.51	21.3	4.86	3.3	0.98	17.4
40097784		0.02	0.02	0.57	203	22.7	420	1.79	2.94	1.54	1.09	18.2	3.16	2.3	0.58	11.1
40097785		0.03	0.03	1.50	234	18.8	660	1.82	2.14	1.12	1.01	19.2	2.24	1.5	0.44	9.4
40097786		0.02	0.02	0.28	201	32.6	330	2.02	3.56	2.05	1.75	21.7	3.89	2.8	0.74	16.2
40097787		0.02	0.03	1.31	160.5	24.9	430	1.46	3.14	1.80	1.52	19.9	3.36	2.6	0.67	12.1
40097788		0.01	0.02	1.79	121.5	19.5	500	2.57	2.66	1.43	1.15	18.7	2.69	1.9	0.53	9.6
40097789		0.02	0.02	1.37	133.0	15.9	600	2.37	2.20	1.21	1.13	18.6	2.44	1.7	0.45	7.8
40097790		0.01	0.02	1.23	128.5	17.1	650	2.19	2.36	1.26	1.23	18.6	2.38	1.7	0.47	8.3
40097791		0.01	0.03	1.45	91.5	20.7	630	2.15	2.88	1.65	1.16	18.2	3.11	2.2	0.59	9.9
40097792		0.01	0.02	0.87	91.6	13.6	2490	2.80	1.88	1.04	0.93	18.4	1.97	1.4	0.39	6.6
40097793		0.01	0.02	1.04	102.5	11.2	130	3.03	1.30	0.70	0.92	16.5	1.35	1.1	0.26	5.4
40097794		0.01	0.02	0.52	97.2	14.5	220	2.41	1.88	1.05	1.01	17.4	1.86	1.7	0.38	6.8
40097794 CRD		0.01	0.02	0.51	97.1	15.7	210	2.38	1.86	1.04	0.98	17.0	1.96	1.4	0.39	7.3
40097795		0.01	0.02	0.66	93.5	14.8	1410	1.62	2.18	1.24	0.86	16.9	2.16	1.6	0.47	6.8
40097796		0.01	0.02	0.17	93.4	15.4	400	1.26	2.21	1.17	0.90	17.1	2.24	1.5	0.46	7.2
40097797		0.01	0.02	0.37	85.9	15.1	490	1.54	2.41	1.34	0.89	17.4	2.39	1.7	0.50	6.7
40097798		0.01	0.01	0.04	97.3	17.1	490	1.64	2.44	1.36	0.91	17.2	2.43	1.8	0.50	7.8
40097799		0.01	0.01	0.02	109.0	17.4	500	1.19	2.46	1.44	0.96	18.2	2.52	2.0	0.53	7.9
40097800		0.03	0.10	0.11	257	25.0	340	0.51	2.83	1.45	0.97	17.3	2.85	2.2	0.55	12.5
40097801		0.02	0.02	0.04	149.0	31.8	490	1.52	4.66	2.54	1.45	20.8	4.68	3.4	0.97	14.2
40097802		0.01	0.02	0.18	94.2	18.4	160	1.20	2.44	1.29	0.95	16.7	2.47	1.7	0.49	8.7
40097803		0.01	0.02	0.33	123.0	19.5	200	0.96	2.61	1.51	1.00	17.7	2.68	2.0	0.56	8.9
40097804		0.01	0.01	0.02	123.0	21.1	280	0.81	2.89	1.62	1.09	18.4	2.91	2.1	0.59	9.5
40097805		0.02	0.01	0.02	128.5	23.5	250	0.69	3.27	1.80	1.09	18.4	3.33	2.5	0.68	10.7
40097806		0.02	0.01	0.02	140.0	22.4	270	0.58	3.22	1.84	1.19	19.1	3.31	2.4	0.68	10.4
40097807		0.02	0.02	0.05	164.5	29.6	280	0.65	4.45	2.44	1.37	20.0	4.43	3.2	0.92	13.2
40097808		0.02	0.02	0.01	163.5	30.6	350	0.67	4.50	2.52	1.42	19.9	4.45	3.6	0.94	13.6
40097809		0.02	0.01	0.01	206	39.1	270	0.69	5.58	3.12	1.63	21.0	5.45	4.5	1.16	17.6
40097810		0.09	0.22	0.37	718	6.0	4120	0.21	0.76	0.43	0.23	4.4	0.75	0.6	0.15	2.9
40097811		0.02	0.01	0.03	178.0	34.2	510	0.53	5.48	2.97	1.62	19.8	5.24	3.6	1.10	15.4
40097812		0.03	0.01	0.04	218	42.0	210	0.71	5.83	3.26	1.78	21.2	5.82	4.3	1.21	19.0

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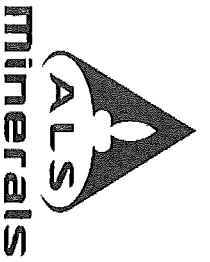
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 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 25-AUG-2014
 Account: KAV

Project: EB80001743

CERTIFICATE OF ANALYSIS TB14114220

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40097775		0.23	6.7	14.9	3.56	18.5	3.46	377	0.4	0.53	2.95	<0.5	0.25	0.49	234
40097776		0.44	12.2	23.4	5.50	31.1	5.61	240	0.7	0.88	2.94	<0.5	0.46	1.32	214
40097777		0.41	12.1	24.1	5.69	54.7	5.63	262	0.7	0.83	3.57	<0.5	0.42	1.78	208
40097778		0.39	11.2	22.5	5.21	44.4	5.58	248	0.6	0.85	2.98	<0.5	0.39	1.26	204
40097779		0.42	11.1	22.3	5.24	28.8	5.33	241	0.7	0.86	2.34	<0.5	0.44	0.88	219
40097780		0.09	2.2	5.2	1.28	5.3	1.31	113.0	0.1	0.22	0.84	<0.5	0.11	0.27	105
40097781		0.42	10.5	21.2	4.91	25.9	5.09	255	0.6	0.82	2.50	<0.5	0.41	1.08	211
40097782		0.41	11.5	24.2	5.86	61.2	5.59	409	0.7	0.85	3.64	<0.5	0.41	1.81	208
40097783		0.36	9.6	20.3	4.73	51.2	4.95	516	0.6	0.78	2.13	<0.5	0.36	0.76	188
40097784		0.24	6.4	12.4	2.85	56.2	2.89	444	0.4	0.47	1.37	<0.5	0.22	0.55	115
40097785		0.18	4.5	10.1	2.44	56.4	2.37	354	0.3	0.34	1.32	<0.5	0.18	0.54	114
40097786		0.30	7.2	17.7	4.26	37.1	4.08	362	0.4	0.60	2.43	<0.5	0.30	1.07	144
40097787		0.27	7.3	13.4	3.25	23.5	3.22	321	0.4	0.52	1.54	<0.5	0.27	0.63	242
40097788		0.22	4.9	11.3	2.51	24.8	2.49	418	0.3	0.39	1.16	<0.5	0.22	0.43	197
40097789		0.17	4.4	9.3	2.11	18.2	2.42	310	0.2	0.36	0.78	<0.5	0.17	0.21	124
40097790		0.17	4.9	9.6	2.24	17.8	2.43	316	0.3	0.37	0.79	<0.5	0.18	0.20	129
40097791		0.23	6.3	11.7	2.73	11.7	3.04	234	0.4	0.47	0.97	<0.5	0.22	0.31	143
40097792		0.14	3.7	7.5	1.71	18.1	1.89	275	0.2	0.30	0.63	<0.5	0.15	0.19	132
40097793		0.10	2.6	6.1	1.45	31.1	1.51	419	0.2	0.22	0.47	<0.5	0.11	0.16	74
40097794		0.15	3.9	8.2	1.91	16.8	1.89	339	0.2	0.31	0.65	<0.5	0.15	0.18	95
40097794 CRD															
40097794		0.14	3.9	8.6	2.03	17.1	1.99	338	0.3	0.31	0.68	<0.5	0.16	0.16	90
40097795		0.17	4.1	8.8	2.03	9.9	2.16	283	0.3	0.36	0.65	<0.5	0.18	0.16	173
40097796		0.16	4.1	8.9	2.06	8.9	2.29	290	0.2	0.37	0.70	<0.5	0.18	0.35	143
40097797		0.18	4.6	8.9	2.04	7.8	2.33	265	0.3	0.40	0.64	<0.5	0.19	0.19	160
40097798		0.20	4.5	9.8	2.30	7.3	2.42	315	0.3	0.39	0.71	<0.5	0.20	0.20	140
40097799		0.20	5.3	10.1	2.39	6.9	2.54	340	0.3	0.43	0.81	<0.5	0.21	0.21	135
40097800		0.20	5.4	12.6	3.13	16.3	3.06	364	0.3	0.45	2.21	<0.5	0.22	0.38	243
40097801		0.36	9.2	18.4	4.28	13.9	4.63	302	0.6	0.77	1.32	<0.5	0.38	0.32	275
40097802		0.19	5.1	10.4	2.44	9.0	2.55	226	0.3	0.40	0.74	<0.5	0.19	0.18	127
40097803		0.22	5.6	11.2	2.53	9.0	2.68	306	0.4	0.44	0.80	<0.5	0.21	0.21	138
40097804		0.23	5.7	12.1	2.80	6.0	3.17	292	0.4	0.48	0.89	<0.5	0.23	0.21	147
40097805		0.26	7.1	13.6	3.13	7.1	3.44	285	0.4	0.56	1.06	<0.5	0.26	0.26	154
40097806		0.26	6.8	13.2	3.01	7.1	3.30	274	0.4	0.54	0.98	<0.5	0.25	0.25	187
40097807		0.35	9.4	17.6	4.02	9.6	4.48	255	0.6	0.73	1.38	<0.5	0.34	0.37	243
40097808		0.35	9.4	17.8	4.07	9.9	4.57	245	0.6	0.73	1.47	<0.5	0.37	0.41	269
40097809		0.44	11.8	22.6	5.23	13.3	5.55	234	0.7	0.91	1.92	<0.5	0.44	0.55	309
40097810		0.05	1.3	3.1	0.75	3.2	0.84	49.0	0.1	0.12	0.51	<0.5	0.06	0.12	62
40097811		0.41	9.6	20.6	4.76	12.4	5.49	227	0.6	0.89	1.56	<0.5	0.43	0.43	368
40097812		0.46	11.9	24.1	5.58	16.4	5.86	250	0.7	0.96	2.02	<0.5	0.46	0.58	268

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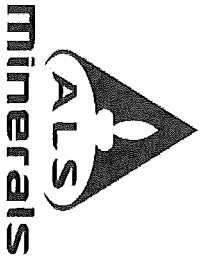
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Project: EB80001743

CERTIFICATE OF ANALYSIS TB14114220

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAD5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097775		1	16.2	1.57	87	0.3	0.02	<0.005	<0.05	0.5	0.01	1.21	100.59	<0.5	<5	<0.5
40097776		1	27.6	2.92	148	2.6	0.10	<0.005	0.21	0.7	0.01	1.96	101.27	<0.5	8	<0.5
40097777		1	26.4	2.89	144	2.6	0.07	0.006	0.22	0.8	0.01	2.12	100.14	<0.5	5	<0.5
40097778		1	26.5	2.79	150	2.8	0.08	<0.005	0.33	0.6	0.01	1.59	100.23	<0.5	6	<0.5
40097779		3	27.2	2.76	149	3.3	0.06	<0.005	0.22	0.7	0.01	1.17	100.29	<0.5	<5	0.6
40097780		1	6.9	0.66	32	7.7	1.02	0.007	0.27	9.4	2.04	8.87	97.31	2.5	18	1.0
40097781		1	26.5	2.71	141	4.2	0.06	<0.005	0.24	0.6	0.02	1.27	98.99	<0.5	7	1.2
40097782		1	25.9	2.67	153	2.1	0.05	0.007	0.18	0.7	0.01	2.55	99.15	<0.5	7	0.6
40097783		5	24.4	2.38	128	0.8	0.08	<0.005	0.24	1.5	0.02	2.54	99.51	<0.5	<5	0.6
40097784		1	14.8	1.48	86	3.0	0.37	0.006	0.34	0.24	0.08	4.17	99.19	<0.5	<5	1.1
40097785		1	11.5	1.14	58	4.4	0.46	0.006	0.42	2.1	0.14	3.96	99.03	<0.5	12	0.5
40097786		1	18.6	1.95	108	3.8	0.17	<0.005	0.18	1.1	0.04	3.00	99.49	<0.5	<5	0.7
40097787		1	17.0	1.81	95	4.0	1.38	<0.005	0.23	2.3	0.26	2.34	99.34	1.0	8	1.6
40097788		<1	13.2	1.49	73	4.2	0.88	<0.005	0.17	2.3	0.19	2.81	98.57	1.1	<5	1.1
40097789		1	11.8	1.21	65	1.4	0.48	0.005	0.11	1.6	0.09	3.64	99.07	0.5	<5	0.8
40097790		<1	11.9	1.15	65	1.7	0.39	<0.005	0.11	1.4	0.08	3.53	98.57	<0.5	6	0.8
40097791		1	15.1	1.54	82	1.1	0.57	<0.005	0.05	2.3	0.13	3.48	98.39	0.6	<5	1.1
40097792		<1	9.9	0.96	49	1.6	0.39	0.006	0.06	2.5	0.17	3.83	99.81	0.5	7	<0.5
40097793		2	7.1	0.71	40	3.3	0.52	0.007	0.15	2.7	0.21	4.91	98.35	1.0	<5	0.5
40097794		1	10.3	0.95	64	3.4	0.71	<0.005	0.08	1.5	0.13	4.10	100.66	0.8	7	0.9
40097794 CRD		2	10.2	0.89	54	3.1	0.59	<0.005	0.07	1.5	0.12	4.00	99.34	0.8	8	0.9
40097795		1	11.9	1.09	62	5.1	0.42	0.005	0.10	1.9	0.20	2.46	98.85	1.1	5	1.4
40097796		2	11.9	1.12	51	0.4	0.07	<0.005	<0.05	0.6	0.03	1.63	98.47	<0.5	<5	0.7
40097797		1	12.8	1.26	60	0.7	0.06	<0.005	0.06	1.1	0.08	2.64	99.55	<0.5	<5	0.8
40097798		1	13.0	1.23	62	0.2	0.01	<0.005	<0.05	0.4	0.01	2.08	99.94	<0.5	<5	0.9
40097799		2	14.0	1.34	76	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.70	100.09	<0.5	<5	<0.5
40097800		1	14.9	1.33	76	0.2	0.01	<0.005	<0.05	0.4	0.01	1.05	99.77	<0.5	8	<0.5
40097801		2	25.2	2.38	123	0.1	0.01	<0.005	<0.05	0.6	0.01	2.01	100.80	<0.5	<5	<0.5
40097802		1	13.2	1.24	64	0.3	0.05	<0.005	<0.05	0.9	0.03	4.08	99.18	<0.5	<5	0.5
40097803		8	14.5	1.32	72	0.2	0.03	<0.005	0.05	1.1	0.04	2.81	99.33	<0.5	<5	0.7
40097804		2	15.5	1.39	77	<0.1	<0.01	<0.005	<0.05	0.5	0.01	1.06	100.76	<0.5	<5	<0.5
40097805		1	17.8	1.73	93	<0.1	<0.01	<0.005	<0.05	0.6	0.01	0.81	100.31	<0.5	<5	0.5
40097806		4	17.8	1.71	87	<0.1	<0.01	<0.005	<0.05	0.5	0.01	0.74	100.47	<0.5	<5	<0.5
40097807		1	24.2	2.28	123	0.7	0.01	0.011	<0.05	0.8	<0.01	0.78	99.61	<0.5	<5	0.6
40097808		2	24.6	2.31	137	5.2	0.02	0.011	<0.05	0.3	<0.01	0.86	99.54	<0.5	7	0.5
40097809		1	30.3	2.84	168	7.4	0.04	0.005	0.06	0.5	0.01	1.14	99.25	<0.5	8	0.8
40097810		3	3.9	0.39	21	2.0	0.10	0.024	0.40	1.1	0.14	10.85	100.28	1.2	<5	1.3
40097811		2	29.1	2.67	134	1.7	0.01	0.006	<0.05	0.4	<0.01	1.08	100.19	<0.5	<5	0.8
40097812		1	32.1	2.97	164	2.5	0.01	0.009	<0.05	0.9	0.02	1.00	99.06	<0.5	5	<0.5



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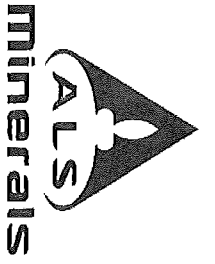
To: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80001743

CERTIFICATE OF ANALYSIS TB14114220

Page: 2 - E
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 25-AUG-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-4ACDB1 Co ppm	ME-4ACDB1 Cu ppm	ME-4ACDB1 Li ppm	ME-4ACDB1 Mo ppm	ME-4ACDB1 Ni ppm	ME-4ACDB1 Pb ppm	ME-4ACDB1 Sc ppm	ME-4ACDB1 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40097775		44	50	10	1	57	6	29	77	0.001	0.0005	0.003
40097776		49	163	40	2	135	8	30	126	0.003	0.0050	0.006
40097777		40	90	50	3	88	7	28	115	0.002	0.0032	0.003
40097778		43	99	30	1	112	7	28	105	0.002	0.0050	0.005
40097779		50	188	30	<1	153	8	29	113	0.004	0.0070	0.013
40097780		211	5480	20	3	7400	20	15	81	0.186	0.405	0.248
40097781		50	180	30	1	165	8	29	114	0.004	0.0071	0.011
40097782		42	136	50	2	117	20	10	110	0.002	0.0053	0.006
40097783		48	314	40	1	227	13	24	88	0.007	0.0167	0.047
40097784		71	1090	90	<1	702	21	12	107	0.020	0.0539	0.108
40097785		100	1290	60	2	948	18	11	88	0.034	0.0517	0.284
40097786		46	341	20	4	203	27	24	101	0.009	0.0118	0.104
40097787		92	1470	20	1	585	28	28	150	0.029	0.0316	0.047
40097788		101	1210	30	1	631	24	23	102	0.023	0.0153	0.035
40097789		113	818	30	1	572	11	11	88	0.016	0.0242	0.035
40097790		99	738	40	<1	503	4	13	89	0.015	0.0139	0.029
40097791		124	1510	20	<1	890	14	14	100	0.022	0.0313	0.049
40097792		94	2050	30	1	1315	7	10	81	0.098	0.122	0.450
40097793		86	2710	20	<1	1610	<2	5	48	0.049	0.135	0.465
40097794		91	1660	20	<1	1140	9	11	69	0.036	0.0503	0.174
40097794 CRD		87	1700	20	<1	1090	<2	10	70	0.035	0.0651	0.164
40097795		87	2110	10	1	1040	6	20	103	0.045	0.0809	0.203
40097796		61	562	<10	<1	368	8	20	82	0.008	0.0109	0.026
40097797		73	993	10	1	514	4	21	79	0.008	0.0114	0.022
40097798		60	165	10	<1	312	4	17	77	0.003	0.0050	0.006
40097799		57	154	<10	<1	279	2	14	76	0.007	0.0151	0.013
40097800		52	89	10	<1	98	4	33	76	0.001	<0.0005	<0.001
40097801		47	134	<10	1	155	3	29	80	0.002	0.0077	0.012
40097802		62	771	10	<1	331	7	11	81	0.013	0.0203	0.057
40097803		68	1350	10	<1	706	9	13	89	0.013	0.0277	0.103
40097804		61	129	<10	<1	279	3	19	87	0.003	0.0051	0.006
40097805		57	118	<10	<1	249	3	16	85	0.002	0.0046	0.005
40097806		53	150	<10	<1	193	<2	24	90	0.003	0.0053	0.005
40097807		56	203	<10	1	152	4	31	110	0.004	0.0061	0.006
40097808		53	204	10	1	134	5	33	110	0.004	0.0084	0.009
40097809		56	248	10	1	93	4	37	132	0.005	0.0131	0.011
40097810		142	557	<10	4	1830	67	10	195	0.016	0.0063	0.004
40097811		40	191	10	1	58	2	50	101	0.004	0.0076	0.007
40097812		40	200	10	1	49	2	36	106	0.003	0.0037	0.002



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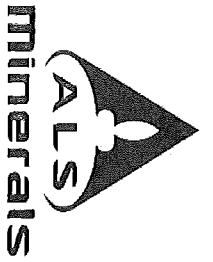
Project: EB80001743

CERTIFICATE OF ANALYSIS TB14114220

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	CRU-QC PUL-32 SPL-21d	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-MS81 TOT-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-4ACD81 OA-GRA05	ME-ICP06 PGM-MS24	ME-MS42 S-IR08



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 Plus Appendix Pages
 Finalized Date: 30-JUL-2014
 Account: KAV

CERTIFICATE TB14111234

Project: EB80002218
 P.O. No.: 3101202290
 This report is for 32 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-JUL-2014.
 The following have access to data associated with this certificate:
 RTYAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 BRIAN GOLDNER

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split - Dup 85% < 75um

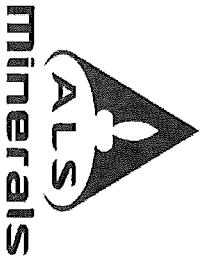
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (leco)	LECO
S-IR08	Total Sulphur (leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
CU-OG62	Ore Grade Cu - Four Acid	VARIABLE

TO: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTYAMRNA ASSAY RESULTS
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colin Ramshaw, Vancouver Laboratory Manager



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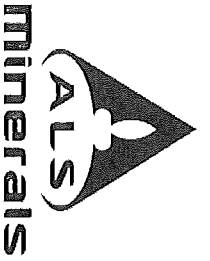
TO: RIO TINTO EXPLORATION CANADA INC.
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 VANCOUVER BC V6C 1S4

Project: EB80002218

CERTIFICATE OF ANALYSIS TB14111234

Page: 2 - A
 Total # Pages: 2 (A - G)
 Plus Appendix Pages
 Finalized Date: 30-JUL-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WI-E21 Recvd Wt. kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097615		0.48		94.6	51.8	13.90	14.20	7.69	3.00	4.42	1.29	<0.01	1.96	0.17	0.20	0.04
40097616		6.14	82.8		39.0	19.20	14.50	8.24	1.77	10.05	0.26	3.58	1.25	0.14	0.10	0.03
40097617		6.40			40.6	19.65	13.65	9.15	1.73	9.67	0.27	2.22	0.90	0.13	0.08	0.03
40097618		5.78			44.6	19.40	11.25	10.40	1.96	8.92	0.33	0.02	0.78	0.12	0.10	0.03
40097619		6.72			44.4	19.35	11.40	10.25	2.13	8.26	0.32	0.02	0.81	0.11	0.12	0.04
40097620		0.11			38.7	5.65	16.30	3.86	0.66	23.9	0.21	0.27	0.43	0.15	0.06	0.01
40097621		5.52			43.2	18.65	12.10	9.86	2.03	8.29	0.34	0.02	0.82	0.11	0.10	0.04
40097622		6.22			43.2	18.55	12.10	10.20	1.89	8.66	0.29	0.02	0.84	0.11	0.10	0.03
40097623		5.94			41.9	20.00	12.20	10.65	1.99	6.41	0.33	0.27	0.83	0.10	0.09	0.04
40097624		6.58			40.4	18.05	13.55	9.79	1.83	7.28	0.34	0.64	1.07	0.12	0.13	0.03
40097625		6.78			33.8	19.85	17.15	7.36	1.66	8.88	0.29	5.41	1.44	0.15	0.14	0.02
40097626		6.18			38.2	18.45	16.10	8.46	1.93	8.08	0.30	3.03	1.33	0.14	0.14	0.02
40097627		6.14			37.3	19.10	18.00	8.01	1.89	8.56	0.42	4.17	1.54	0.16	0.14	0.02
40097628		6.84			40.5	16.80	16.80	9.23	1.96	7.39	0.39	0.82	1.36	0.15	0.15	0.02
40097629		2.72			41.9	18.20	16.60	9.08	1.99	7.39	0.56	0.29	0.99	0.13	0.12	0.03
40097630		2.83			39.7	16.95	19.35	8.66	1.82	7.33	0.48	0.28	0.99	0.13	0.13	0.03
40097631		6.48			41.5	18.90	15.05	9.40	1.90	7.27	0.47	0.10	0.72	0.12	0.09	0.03
40097632		5.94			44.7	21.6	12.15	10.20	2.36	5.51	0.52	0.03	0.67	0.10	0.09	0.04
40097633		6.12			45.7	20.8	10.85	9.61	2.27	6.97	0.68	0.02	0.67	0.11	0.08	0.04
40097634		6.70			44.4	17.90	14.70	8.54	2.17	7.46	0.67	0.04	1.06	0.13	0.11	0.04
40097634 CRD		<0.02			43.6	17.30	14.45	8.64	2.18	7.42	0.71	0.04	1.05	0.13	0.12	0.04
40097635		6.29			44.4	17.85	14.85	8.98	2.44	6.22	0.69	0.03	1.44	0.13	0.15	0.04
40097636		6.34			45.7	19.10	13.15	9.56	2.44	6.36	0.66	0.03	1.25	0.13	0.16	0.04
40097637		0.11			31.7	3.79	24.0	2.94	0.50	22.0	0.17	0.26	0.29	0.14	0.03	0.01
40097638		5.90			45.8	18.95	13.50	9.30	2.48	6.44	0.68	0.03	1.15	0.13	0.14	0.04
40097639		6.38			44.1	17.60	16.00	8.97	2.37	5.84	0.72	0.03	1.49	0.14	0.18	0.04
40097640		0.31			55.4	13.70	11.65	7.92	2.91	5.28	1.30	0.03	1.22	0.15	0.19	0.04
40097641		6.97			46.6	17.45	13.10	9.13	2.56	6.54	0.72	0.03	1.66	0.16	0.20	0.04
40097642		0.94			50.9	10.25	13.60	12.00	2.15	5.69	1.17	0.03	1.24	0.26	0.24	0.03
40097643		5.66			46.8	15.25	15.85	8.49	3.01	3.63	0.99	<0.01	3.44	0.18	0.52	0.08
40097644		6.23			49.7	16.60	13.30	7.51	3.69	2.96	1.46	<0.01	2.73	0.16	0.48	0.09
40097645		5.83			51.2	17.10	12.75	7.50	3.68	2.78	1.59	<0.01	2.63	0.16	0.47	0.10



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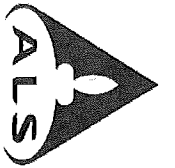
TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80002218

CERTIFICATE OF ANALYSIS TB14111234

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Sample Description	Method Analyte Units	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cq ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097615		0.05	0.13	0.15	468	50.8	10	0.80	4.58	2.50	1.66	21.4	5.09	4.2	0.94	24.8
40097616		0.01	0.01	0.27	141.0	18.4	>10000	0.83	2.08	1.27	0.87	30.7	2.16	2.9	0.43	7.3
40097617		0.01	0.01	0.85	90.9	13.5	>10000	0.78	1.71	1.12	0.80	23.5	1.97	1.4	0.37	6.2
40097618		0.01	0.01	0.79	112.0	15.4	140	1.06	2.17	1.40	0.94	16.1	2.10	1.7	0.42	7.0
40097619		0.01	0.01	1.03	112.0	15.9	150	1.03	2.14	1.22	1.14	17.1	2.32	1.6	0.44	7.1
40097620		0.01	0.16	2.32	96.4	10.0	1800	0.74	1.02	0.69	0.39	6.9	1.41	0.9	0.26	4.8
40097621		0.01	<0.01	1.65	117.5	16.8	130	1.15	1.96	1.32	0.98	17.2	2.22	1.9	0.44	7.5
40097622		0.01	0.01	1.61	92.8	15.3	150	1.16	2.01	1.13	0.86	16.2	2.00	1.6	0.39	6.7
40097623		0.01	0.02	2.22	95.2	15.4	1780	1.26	1.87	1.08	0.80	18.0	2.18	1.5	0.40	7.1
40097624		0.01	0.02	2.07	117.5	20.2	4520	1.13	2.75	1.78	1.02	19.8	2.97	2.3	0.58	9.0
40097625		0.01	0.01	1.07	117.5	22.1	>10000	0.69	2.93	1.72	1.02	36.9	2.93	2.4	0.60	9.6
40097626		0.01	0.02	1.54	123.5	22.8	>10000	0.50	2.92	1.78	1.00	27.9	3.27	2.7	0.61	10.1
40097627		0.01	0.01	1.38	127.5	21.8	>10000	1.24	3.05	1.83	1.01	32.4	3.32	2.9	0.62	9.7
40097628		0.01	<0.01	2.78	163.5	27.4	5440	2.43	3.31	2.00	1.22	20.8	3.72	3.2	0.68	11.8
40097629		0.02	0.01	3.05	137.0	21.5	1970	2.01	2.70	1.53	1.08	18.1	2.90	2.3	0.56	9.7
40097630		0.01	0.01	4.57	123.5	21.3	1940	1.83	2.69	1.55	0.95	17.4	2.89	2.4	0.53	9.3
40097631		0.01	0.01	3.00	111.5	16.2	740	1.88	2.06	1.21	0.87	17.3	2.26	1.6	0.44	7.5
40097632		0.01	0.01	2.13	114.5	15.5	180	3.03	1.85	1.13	0.92	18.8	2.02	1.4	0.37	6.9
40097633		0.01	0.01	0.57	127.5	14.9	150	2.66	1.60	0.98	0.94	19.2	1.97	1.3	0.31	6.9
40097634		0.01	<0.01	1.49	135.0	18.9	280	2.30	2.29	1.32	1.02	17.9	2.17	1.9	0.49	8.8
40097634 CRD		0.01	<0.01	1.37	159.5	20.1	260	2.60	2.28	1.30	1.05	18.6	2.48	2.4	0.44	8.2
40097635		0.02	<0.01	1.72	164.0	27.8	180	1.34	3.29	1.95	1.23	20.0	3.56	3.0	0.72	12.5
40097636		0.02	0.01	1.36	170.5	27.9	190	1.33	3.23	2.10	1.28	20.0	3.68	3.1	0.68	12.7
40097637		0.01	0.13	6.48	57.3	6.2	1680	0.28	0.80	0.43	0.22	5.0	0.73	0.5	0.15	2.9
40097638		0.02	<0.01	1.13	159.0	23.1	170	1.29	2.83	1.78	1.10	18.5	3.23	2.5	0.55	10.4
40097639		0.02	<0.01	2.11	203	30.0	180	1.57	3.57	2.12	1.26	18.9	3.93	3.0	0.77	13.3
40097640		0.05	0.19	0.11	470	57.4	200	0.75	4.28	2.44	1.39	19.7	5.09	4.2	0.91	28.1
40097641		0.02	0.01	0.40	214	33.9	200	1.27	4.18	2.61	1.45	21.3	4.73	3.8	0.90	15.0
40097642		0.02	0.04	0.39	171.0	43.3	270	0.50	4.87	2.78	1.99	17.1	5.58	3.9	1.04	18.7
40097643		0.03	0.01	0.14	262	51.4	10	1.86	5.82	3.00	2.68	22.9	7.27	3.0	1.10	21.2
40097644		0.04	0.02	0.08	329	53.1	10	3.05	5.36	2.67	2.63	24.2	6.74	3.3	1.07	22.2
40097645		0.04	0.02	0.02	356	56.0	10	2.81	5.12	2.93	2.42	22.8	6.91	3.9	1.08	23.8



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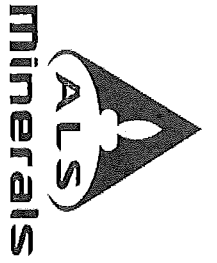
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Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm									
40097615	0.30	10.4	24.8	6.17	28.3	5.20	318	0.5	0.75	4.49	<0.5	0.37	0.18	402										
40097616	0.19	4.8	9.4	2.13	10.2	2.15	218	0.2	0.41	0.66	<0.5	0.19	0.17	74										
40097617	0.13	3.8	7.6	1.80	6.5	1.85	233	0.1	0.32	0.55	<0.5	0.15	0.16	76										
40097618	0.16	4.1	8.8	2.06	8.7	2.42	262	0.2	0.36	0.58	<0.5	0.19	0.16	77										
40097619	0.17	4.6	9.3	2.13	7.4	2.20	278	0.1	0.36	0.59	<0.5	0.18	0.17	101										
40097620	0.08	1.8	5.5	1.24	6.3	1.22	103.0	<0.1	0.20	0.80	<0.5	0.08	0.18	93										
40097621	0.17	4.5	9.5	2.14	9.2	2.23	281	0.2	0.37	0.66	<0.5	0.17	0.15	97										
40097622	0.14	4.3	8.8	1.96	7.5	2.12	247	0.2	0.33	0.62	<0.5	0.16	0.17	98										
40097623	0.15	4.0	9.0	1.97	10.8	2.09	258	0.2	0.34	0.66	<0.5	0.16	0.15	109										
40097624	0.21	6.3	11.8	2.73	8.7	2.97	241	0.3	0.47	0.75	<0.5	0.26	0.20	109										
40097625	0.24	6.3	12.6	2.81	7.6	3.18	176.0	0.3	0.50	0.84	<0.5	0.25	0.21	<5										
40097626	0.24	6.9	13.1	2.97	6.9	2.96	203	0.3	0.51	0.89	<0.5	0.26	0.22	88										
40097627	0.25	6.6	12.4	2.85	11.2	2.95	197.0	0.3	0.52	0.93	<0.5	0.25	0.24	138										
40097628	0.26	7.4	14.6	3.32	14.6	3.70	227	0.3	0.56	1.39	<0.5	0.28	0.23	157										
40097629	0.21	5.9	12.3	2.90	18.4	2.88	256	0.3	0.44	1.00	<0.5	0.24	0.25	111										
40097630	0.20	6.1	11.7	2.77	16.1	3.06	236	0.3	0.41	0.99	<0.5	0.23	0.21	121										
40097631	0.14	4.5	10.0	2.12	15.4	2.42	278	0.1	0.35	0.68	<0.5	0.18	0.15	83										
40097632	0.14	3.9	8.4	2.01	18.7	2.04	350	0.1	0.31	0.58	<0.5	0.16	0.16	82										
40097633	0.12	3.8	7.9	1.81	22.3	1.89	315	0.1	0.31	0.53	<0.5	0.12	0.11	82										
40097634	0.17	5.2	10.8	2.36	21.8	2.82	311	0.2	0.40	0.88	<0.5	0.19	0.26	141										
40097634 CRD																								
40097635	0.18	5.1	10.2	2.31	23.7	2.38	313	0.2	0.37	0.84	<0.5	0.20	0.41	142										
40097635	0.24	8.1	15.8	3.66	20.8	3.71	334	0.4	0.60	1.18	<0.5	0.27	0.30	156										
40097636	0.27	8.0	15.5	3.56	20.8	3.69	337	0.4	0.60	1.19	<0.5	0.28	0.33	137										
40097637	0.05	1.2	3.5	0.74	4.0	0.74	60.8	<0.1	0.10	0.44	<0.5	0.06	0.08	79										
40097638	0.22	6.2	12.7	2.95	19.0	2.92	303	0.3	0.49	0.99	<0.5	0.25	0.25	123										
40097639	0.26	8.0	16.5	3.68	19.0	4.04	309	0.4	0.63	1.22	<0.5	0.34	0.30	164										
40097640	0.32	7.9	26.1	6.61	32.0	5.24	313	0.4	0.80	5.05	<0.5	0.34	0.87	237										
40097641	0.32	10.4	18.8	4.41	19.3	4.54	341	0.5	0.75	1.57	<0.5	0.35	0.37	179										
40097642	0.41	10.7	24.6	5.60	34.5	6.16	279	0.7	0.83	2.35	0.6	0.41	0.90	219										
40097643	0.34	22.8	33.3	7.23	31.7	7.84	635	1.3	1.08	1.37	<0.5	0.42	0.39	306										
40097644	0.33	19.1	32.6	7.26	44.6	7.37	787	1.2	1.04	1.77	<0.5	0.37	0.49	221										
40097645	0.35	19.3	33.9	7.56	48.5	7.24	805	1.1	1.03	2.13	<0.5	0.37	0.55	191										



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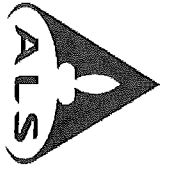
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Sample Description	Method Analyte Units LOR	ME-MSB1 W ppm	ME-MSB1 Y ppm	ME-MSB1 Yb ppm	ME-MSB1 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097615	1	23.9	2.30	1.53	109	<0.1	0.02	<0.005	<0.05	0.5	0.01	1.10	99.82	<0.5	<5	<0.5
40097616	1	11.8	1.17	56	56	2.4	0.18	<0.005	0.13	1.7	0.13	1.59	99.72	0.7	<5	<0.5
40097617	<1	9.8	1.03	65	65	0.3	0.31	<0.005	0.08	2.3	0.14	1.52	99.61	0.9	<5	<0.5
40097618	1	10.9	1.10	64	64	0.3	0.35	<0.005	<0.05	2.2	0.14	2.11	100.03	0.9	<5	<0.5
40097619	2	11.5	1.19	64	64	1.9	0.35	<0.005	0.05	2.8	0.15	2.41	99.63	1.3	<5	<0.5
40097620	2	6.3	0.60	34	34	8.8	1.04	<0.005	0.24	10.3	2.47	8.92	99.13	2.6	5	0.7
40097621	1	11.7	1.09	73	73	1.1	0.56	0.006	<0.05	4.0	0.27	3.21	98.78	2.2	<5	<0.5
40097622	5	10.7	1.09	63	63	0.8	0.55	<0.005	<0.05	3.9	0.25	2.96	98.98	1.9	<5	<0.5
40097623	1	10.3	1.00	58	58	3.3	0.77	<0.005	0.08	6.4	0.53	3.11	97.93	3.4	6	0.8
40097624	1	15.1	1.50	100	100	0.6	0.68	<0.005	0.08	5.2	0.28	2.42	95.66	2.5	<5	0.7
40097625	5	15.7	1.58	92	92	2.6	0.35	<0.005	0.06	3.5	0.27	1.00	97.16	1.5	<5	<0.5
40097626	<1	16.3	1.72	107	107	1.7	0.67	0.005	0.11	4.5	0.33	1.32	97.51	2.2	<5	<0.5
40097627	1	16.1	1.70	112	112	1.6	0.48	0.007	0.07	3.9	0.28	1.26	100.58	1.6	<5	0.5
40097628	3	17.6	1.83	129	129	1.8	0.91	<0.005	0.07	6.5	0.39	2.12	97.70	2.9	<5	0.9
40097629	5	14.4	1.45	88	88	3.4	0.91	<0.005	0.10	7.6	0.46	1.86	99.16	3.1	<5	0.8
40097630	2	14.2	1.39	97	97	4.0	1.33	<0.005	0.22	10.2	0.56	2.48	96.34	4.1	<5	1.2
40097631	1	11.3	1.05	62	62	2.3	1.07	<0.005	0.11	8.0	0.55	2.25	97.81	4.1	<5	1.2
40097632	1	10.0	1.02	57	57	3.5	0.85	<0.005	0.18	6.5	0.44	1.73	99.71	3.4	<5	0.9
40097633	1	9.0	0.87	50	50	27.4	0.13	<0.005	0.18	2.1	0.13	3.10	100.91	0.6	20	<0.5
40097634	1	11.9	1.13	68	68	27.8	0.32	<0.005	0.37	3.6	0.19	2.49	99.72	1.3	19	0.5
40097634 CRD	1	12.0	1.09	96	96	31.7	0.34	<0.005	0.37	3.6	0.20	2.60	98.29	1.5	32	<0.5
40097635	2	18.2	1.88	119	119	13.5	0.59	<0.005	0.45	3.9	0.23	1.26	98.50	1.9	17	0.7
40097636	2	17.7	2.01	115	115	3.7	0.33	<0.005	0.14	3.0	0.12	1.07	99.67	1.1	<5	0.5
40097637	1	3.9	0.43	21	21	6.3	1.70	<0.005	0.34	25.9	5.38	9.52	95.36	4.3	7	0.9
40097638	<1	15.3	1.49	98	98	7.7	0.43	<0.005	0.21	2.8	0.18	1.04	99.70	1.7	<5	0.8
40097639	1	19.9	1.92	119	119	9.4	0.58	<0.005	0.24	4.2	0.18	1.75	99.25	2.0	7	0.7
40097640	2	23.3	2.16	158	158	<0.1	0.02	<0.005	<0.05	0.6	0.01	1.45	101.29	<0.5	<5	<0.5
40097641	1	23.2	2.27	147	147	1.0	0.15	<0.005	0.06	1.2	0.04	1.20	99.41	0.7	<5	0.5
40097642	13	27.8	2.66	136	136	12.6	0.35	<0.005	0.13	1.9	0.11	1.73	99.31	1.2	16	1.3
40097643	1	27.9	2.42	110	110	1.4	0.06	<0.005	0.05	0.9	0.02	1.35	99.62	0.7	<5	0.7
40097644	4	26.8	2.24	120	120	0.2	0.01	<0.005	0.07	0.9	0.03	1.64	100.36	0.5	<5	0.5
40097645	2	26.7	2.27	144	144	<0.1	0.02	0.008	<0.05	0.7	0.01	1.75	101.75	0.5	<5	<0.5



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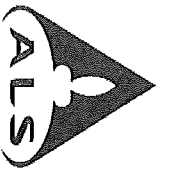
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097615		44	24	20	<1	20	3	27	104	0.001	<0.0005	<0.001				
40097616		94	1650	10	<1	1380	3	11	192	0.030	0.101	0.371				
40097617		109	2690	10	<1	1600	2	11	138	0.030	0.0682	0.348				
40097618		91	2750	10	<1	1360	6	10	75	0.031	0.0630	0.307				
40097619		95	3500	10	<1	1680	4	9	67	0.040	0.0835	0.396				
40097620		200	5290	10	2	7180	21	15	80	0.197	0.380	0.247				
40097621		128	6370	10	<1	2660	8	10	69	0.095	0.135	0.733				
40097622		128	5100	10	<1	2740	4	10	74	0.072	0.140	0.743				
40097623		149	8940	10	<1	3980	7	10	99	0.125	0.225	>1.00				
40097624		154	6120	10	<1	4170	14	16	102	0.086	0.152	>1.00			0.21	0.27
40097625		143	3930	10	1	2550	5	18	238	0.065	0.158	0.707			0.12	0.17
40097626		150	5590	<10	<1	3090	3	18	166	0.085	0.232	0.810			0.15	0.35
40097627		150	4040	10	<1	2850	6	19	200	0.053	0.117	0.640			0.14	0.35
40097628		195	8010	10	<1	5170	17	20	126	0.125	0.314	>1.00			0.15	0.21
40097629		200	8290	10	1	5110	16	12	103	0.143	0.236	>1.00			0.15	0.21
40097630		273	>10000	10	1	7460	19	13	112	0.171	0.277	>1.00			0.19	0.32
40097631		194	>10000	20	<1	5310	11	10	99	0.168	0.291	>1.00	1.155		0.16	0.34
40097632		139	9620	20	<1	4170	9	7	83	0.156	0.326	>1.00	0.969		0.13	0.28
40097633		78	2670	40	<1	1440	4	8	69	0.033	0.0810	0.410				
40097634		136	3740	40	2	2100	7	12	89	0.047	0.0941	0.451				
40097634 CRD		141	3800	40	2	2150	4	13	93	0.049	0.0970	0.444				
40097635		135	4480	30	3	2270	6	16	111	0.051	0.124	0.480				
40097636		108	3650	20	2	1770	8	14	91	0.037	0.0478	0.360				
40097637		390	>10000	<10	2	>10000	28	11	96	0.313	0.622	0.370	1.130	1.685		
40097638		99	4210	20	<1	1610	24	13	102	0.044	0.0712	0.411				
40097639		151	4750	30	2	2390	14	17	127	0.044	0.0594	0.402				
40097640		40	67	20	<1	53	3	26	123	0.001	<0.0005	0.002				
40097641		65	1530	40	<1	628	12	21	131	0.016	0.0190	0.125				
40097642		72	2240	20	1	1100	16	23	353	0.027	0.0450	0.196				
40097643		48	659	20	1	171	9	26	153	0.011	0.0116	0.047				
40097644		35	645	30	<1	144	13	21	159	0.011	0.0175	0.056				
40097645		31	213	40	<1	26	4	20	124	0.004	0.0032	0.006				



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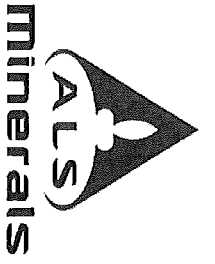
Page: 2 - F
 Total # Pages: 2 (A - G)
 Plus Appendix Pages
 Finalized Date: 30-JUL-2014
 Account: KAV

Project: EB80002218

CERTIFICATE OF ANALYSIS TB14111234

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40097615																
40097616																
40097617																
40097618																
40097619																
40097620																
40097621																
40097622																
40097623		1.32														
40097624		0.96														
40097625																
40097626																
40097627																
40097628		1.34														
40097629		1.43														
40097630		1.81														
40097631		1.49														
40097632		1.44														
40097633																
40097634																
40097634 CRD																
40097635																
40097636																
40097637			4.01													
40097638				<0.01		2.78		0.045		0.19		1.155		17.20		24.6
40097639																
40097640																
40097641																
40097642																
40097643																
40097644																
40097645																

***** See Appendix Page for comments regarding this certificate *****



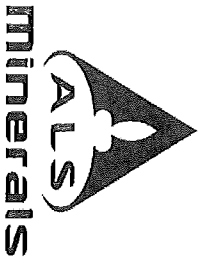
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 Account: KAV

Project: EB80002218
CERTIFICATE OF ANALYSIS TB14111234

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40097615		0.2	0.01	0.01
40097616				
40097617				
40097618				
40097619				
40097620				
40097621				
40097622				
40097623				
40097624				
40097625				
40097626				
40097627				
40097628				
40097629				
40097630				
40097631				
40097632				
40097633				
40097634				
40097634 CRD				
40097635				
40097636				
40097637		33.4	0.31	0.01
40097638				
40097639				
40097640				
40097641				
40097642				
40097643				
40097644				
40097645				



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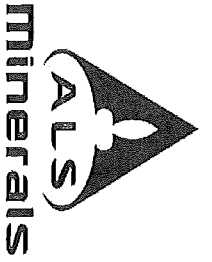
Project: EB80002218

CERTIFICATE OF ANALYSIS TB14111234

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-O4 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-ICP81 NI-OG62 S-IR08	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Cu-OG62 ME-MS42 OA-GRA05 TOT-ICP06	ME-4ACD81 ME-MS81 PGM-ICP27 ME-ICP06 ME-OG62 PGM-MS24



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 This copy reported on
 3-SEP-2014
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CERTIFICATE TB14111233

Project: EB80002217
 P.O. No.: 3101202290
 This report is for 182 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-JUL-2014.
 The following have access to data associated with this certificate:
 RTXAMBNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: JENNY GOLDNER
 224 NORTH 2200 WEST
 SALT LAKE CITY UT 84116
 USA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

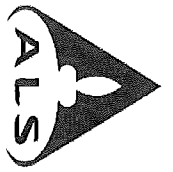
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-0662	Ore Grade Elements - Four Acid	ICP-AES
Cu-0662	Ore Grade Cu - Four Acid	VARIABLE

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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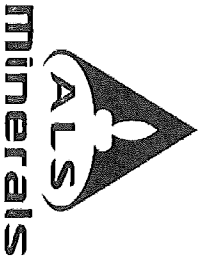
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 Total # Pages: 6 (A - G)
 Plus Appendix Pages
 Finalized Date: 7-AUG-2014
 Account: KAV

Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097100		0.28			53.5	12.65	14.40	6.19	3.22	3.29	1.69	<0.01	1.92	0.18	0.24	0.04
40097101		7.20	82.5	88.0	46.1	16.65	11.96	8.37	2.13	11.10	0.61	0.02	1.03	0.15	0.13	0.04
40097102		4.75			45.7	17.15	10.90	9.02	2.03	10.65	0.62	0.03	1.05	0.14	0.11	0.04
40097103		6.17			43.9	16.30	11.45	8.60	1.65	10.40	0.77	0.02	1.00	0.16	0.10	0.03
40097104		10.09			45.6	17.90	10.30	9.60	2.02	9.57	0.57	0.03	1.01	0.14	0.11	0.03
40097105		10.61			45.3	17.40	11.00	9.11	2.00	10.05	0.66	0.02	1.02	0.14	0.12	0.03
40097106		10.14			44.0	17.15	10.15	9.69	1.81	9.59	0.75	0.02	0.99	0.14	0.09	0.04
40097107		9.93			44.5	17.15	10.05	9.72	1.79	9.31	1.15	0.02	0.94	0.14	0.11	0.04
40097108		9.37			43.5	15.70	11.10	8.08	1.53	11.25	1.03	0.03	1.02	0.17	0.11	0.04
40097109		10.13			44.0	16.75	10.55	8.53	1.55	10.30	1.26	0.03	0.98	0.14	0.11	0.06
40097110		0.16			36.5	3.08	13.60	2.06	0.22	32.3	0.12	0.58	0.26	0.16	0.03	<0.01
40097111		10.91			46.2	18.55	10.55	9.55	2.17	9.56	0.62	0.02	1.02	0.13	0.12	0.04
40097112		10.98			45.6	17.95	10.45	9.28	2.12	9.46	0.64	0.02	0.97	0.13	0.11	0.04
40097113		10.10			45.0	17.75	10.70	10.25	1.72	9.65	0.88	0.02	0.95	0.14	0.11	0.05
40097114		10.07			45.1	17.45	10.25	9.45	1.67	9.87	1.18	0.02	0.96	0.15	0.11	0.05
40097115		10.28			44.7	17.85	9.47	10.25	1.73	9.68	0.84	0.02	0.88	0.14	0.10	0.04
40097116		10.46			45.7	17.70	11.05	9.08	1.96	11.15	0.74	0.02	0.93	0.14	0.11	0.04
40097117		10.62			45.0	17.25	10.85	9.05	1.99	10.95	0.54	0.02	0.90	0.13	0.11	0.04
40097118		11.20			44.9	17.15	11.35	8.92	1.81	11.40	0.68	0.02	0.89	0.14	0.10	0.04
40097119		5.21			47.3	18.85	10.40	9.70	2.32	9.98	0.56	0.02	1.02	0.13	0.12	0.04
40097119 CRD		<0.02			46.0	18.40	10.20	9.46	2.30	9.64	0.55	0.02	1.01	0.12	0.12	0.04
40097120		4.55			45.6	18.10	10.15	9.39	2.27	9.74	0.54	0.02	1.04	0.13	0.11	0.04
40097121		10.71			46.1	18.55	10.30	9.61	2.28	9.59	0.50	0.02	0.94	0.13	0.11	0.04
40097122		10.59			46.0	18.40	10.95	9.99	2.13	11.20	0.44	0.02	0.95	0.14	0.10	0.04
40097123		10.68			43.9	17.75	10.45	9.51	1.97	10.75	0.56	0.02	0.86	0.13	0.09	0.04
40097124		10.65			45.2	18.60	9.98	9.45	1.96	9.65	0.80	0.02	0.86	0.12	0.11	0.05
40097125		10.44			44.6	18.30	9.96	9.49	2.03	9.24	0.72	0.02	0.90	0.13	0.11	0.04
40097126		10.74			46.8	19.00	10.10	9.88	2.29	9.55	0.58	0.02	0.96	0.13	0.10	0.04
40097127		10.27			46.7	19.45	9.72	10.10	2.31	8.91	0.65	0.02	0.96	0.12	0.10	0.05
40097128		10.50			45.7	19.15	9.65	10.40	2.09	9.17	0.55	0.02	0.87	0.12	0.10	0.04
40097129		10.96			45.6	18.25	10.50	9.58	2.31	10.15	0.40	0.02	0.94	0.13	0.10	0.04
40097130		0.30			50.0	13.35	16.30	8.66	2.97	5.12	0.99	<0.01	2.28	0.21	0.15	0.04
40097131		9.93			46.4	19.05	9.97	10.00	2.38	9.34	0.40	0.02	0.97	0.13	0.10	0.04
40097132		10.61			44.4	16.75	11.40	8.89	2.09	11.75	0.37	0.02	0.89	0.15	0.09	0.03
40097133		10.14			45.6	18.25	10.25	9.74	2.04	11.05	0.44	0.03	0.84	0.12	0.10	0.04
40097134		10.26			46.7	19.05	10.10	10.15	2.35	9.75	0.45	0.03	0.93	0.12	0.11	0.04
40097135		10.31			45.8	18.95	9.75	10.25	2.18	9.53	0.47	0.02	0.90	0.12	0.11	0.04
40097136		10.46			45.8	18.20	10.50	9.80	2.26	10.30	0.38	0.02	0.94	0.13	0.10	0.04
40097137		10.25			45.0	18.00	10.20	9.59	2.23	9.89	0.34	0.02	0.95	0.13	0.11	0.03
40097138		10.34			44.9	18.40	9.74	10.25	2.11	9.45	0.46	0.02	0.94	0.12	0.10	0.04

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**



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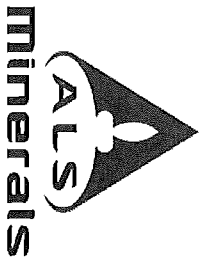
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097100	0.08	0.17	0.16	0.06	300	22.1	150	3.68	2.87	1.68	1.08	17.7	2.91	2.2	0.61	10.1
40097101	0.02	0.01	0.04	0.04	393	19.4	170	3.69	2.51	1.47	1.02	17.9	2.74	1.9	0.56	8.8
40097102	0.03	0.01	0.04	0.05	941	23.2	180	3.67	2.95	1.66	1.12	18.8	2.99	2.2	0.60	10.5
40097103	0.06	0.03	0.04	0.04	840	20.1	190	3.67	2.61	1.60	0.98	15.7	2.78	1.9	0.55	9.0
40097104	0.03	0.02	0.03	0.04	973	20.1	190	3.46	2.72	1.47	0.96	16.4	2.72	1.8	0.58	9.0
40097105	0.03	0.02	0.06	0.06	300	7.0	4270	0.22	0.82	0.45	0.24	4.9	0.74	0.6	0.16	3.4
40097106	0.04	0.03	0.04	0.04	393	22.2	170	3.23	2.82	1.65	1.12	18.5	2.92	2.1	0.58	9.9
40097107	0.09	0.06	0.05	0.05	941	20.9	190	2.79	2.65	1.53	1.02	18.1	2.75	2.1	0.59	9.3
40097108	0.09	0.04	0.04	0.04	840	19.9	170	3.17	2.76	1.53	1.03	17.8	2.68	1.9	0.54	9.1
40097109	0.11	0.03	0.04	0.04	973	20.9	160	3.79	2.84	1.57	1.01	17.0	2.87	1.9	0.56	9.5
40097110	0.08	0.23	0.38	0.38	740	19.1	160	2.90	2.58	1.51	1.10	17.5	2.45	1.9	0.48	9.0
40097111	0.02	<0.01	0.03	0.03	193.0	20.4	160	3.35	2.72	1.53	0.99	18.1	2.64	2.0	0.53	9.3
40097112	0.02	<0.01	0.04	0.04	204	18.4	150	2.37	2.40	1.37	0.89	16.3	2.45	1.9	0.49	8.2
40097113	0.06	0.03	0.02	0.02	565	17.8	170	3.05	2.61	1.51	0.86	17.1	2.62	1.8	0.57	8.3
40097114	0.14	0.03	0.03	0.03	1230	21.2	160	2.56	2.91	1.59	1.07	19.2	3.27	2.3	0.64	9.6
40097115	0.05	0.02	0.03	0.03	487	19.1	160	2.90	2.58	1.51	1.10	17.5	2.45	1.9	0.48	9.0
40097116	0.02	0.01	0.03	0.03	213	20.4	160	3.35	2.72	1.53	0.99	18.1	2.64	2.0	0.53	9.3
40097117	0.02	<0.01	0.04	0.04	147.5	18.4	150	2.37	2.40	1.37	0.89	16.3	2.45	1.9	0.49	8.2
40097118	0.02	<0.01	0.02	0.02	212	18.4	170	3.05	2.61	1.51	0.86	17.1	2.62	1.8	0.57	8.3
40097119	0.02	<0.01	0.03	0.03	163.5	21.2	160	2.56	2.91	1.59	1.07	19.2	3.27	2.3	0.64	9.6
40097119 CRD	0.02	<0.01	0.03	0.03	160.5	21.2	160	2.59	2.94	1.58	1.05	19.4	3.11	2.4	0.62	9.5
40097120	0.02	<0.01	0.04	0.04	156.5	19.8	160	2.53	2.89	1.63	1.11	18.7	2.95	2.2	0.62	9.1
40097121	0.02	<0.01	0.02	0.02	157.0	20.2	190	2.86	2.81	1.62	1.07	19.6	2.74	1.9	0.64	9.1
40097122	0.01	0.01	0.03	0.03	133.5	17.8	180	2.15	2.55	1.36	0.98	18.4	2.47	1.8	0.55	7.9
40097123	0.02	0.01	0.04	0.04	163.0	16.9	200	2.52	2.70	1.36	0.93	18.1	2.48	1.9	0.50	7.7
40097124	0.04	0.01	0.04	0.04	393	19.4	190	3.68	2.70	1.61	0.98	19.2	2.85	2.0	0.57	8.8
40097125	0.04	0.06	0.06	0.06	353	19.3	170	3.57	2.54	1.63	0.93	18.5	2.94	1.9	0.55	8.5
40097126	0.02	0.01	0.04	0.04	215	17.9	190	2.76	2.74	1.46	1.07	18.8	2.75	2.0	0.56	8.6
40097127	0.02	<0.01	0.03	0.03	166.0	19.2	190	2.59	2.58	1.59	1.00	19.0	2.73	2.0	0.59	8.2
40097128	0.01	0.01	0.03	0.03	176.0	23.7	260	2.76	3.55	1.87	1.35	25.3	3.56	2.6	0.79	10.8
40097129	0.01	0.01	0.03	0.03	117.5	17.2	180	2.06	2.49	1.46	0.95	18.4	2.70	1.9	0.54	7.7
40097130	0.04	0.14	0.19	0.19	402	41.2	10	0.72	4.82	2.56	1.63	23.7	5.23	3.6	1.07	20.4
40097131	0.01	0.02	0.03	0.03	125.0	18.2	200	2.03	2.82	1.53	1.00	19.6	2.51	1.9	0.58	8.3
40097132	0.01	0.01	0.03	0.03	106.5	15.7	190	2.09	2.28	1.43	0.84	17.2	2.41	1.7	0.52	7.3
40097133	0.01	<0.01	0.03	0.03	129.0	17.6	240	2.07	2.61	1.38	1.06	19.3	2.75	1.9	0.55	8.2
40097134	0.01	<0.01	0.04	0.04	121.5	18.0	220	1.79	2.71	1.52	1.04	19.2	2.81	2.1	0.53	8.2
40097135	0.01	0.02	0.03	0.03	116.5	17.9	180	2.18	2.35	1.48	1.00	18.5	2.69	1.9	0.55	8.1
40097136	0.01	0.01	0.02	0.02	119.5	18.5	200	2.08	2.86	1.53	0.97	19.1	2.89	2.2	0.57	8.4
40097137	0.01	0.01	0.02	0.02	115.0	18.5	190	2.04	2.77	1.50	1.05	18.2	2.86	1.8	0.57	8.3
40097138	0.01	0.01	0.04	0.04	123.5	17.7	200	2.00	2.58	1.60	0.99	18.6	2.70	2.0	0.55	8.1

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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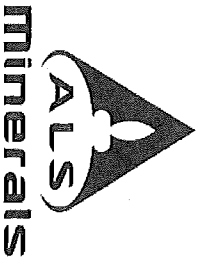
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 Finalized Date: 7-AUG-2014
 Account: KAV

Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097100		0.44	12.5	34.5	9.53	41.2	6.76	3	332	0.7	1.01	8.03	<0.5	0.46	1.45	397
40097101		0.23	6.3	12.0	2.98	23.6	2.83	1	320	0.3	0.48	0.97	<0.5	0.24	0.30	137
40097102		0.23	6.1	11.6	2.76	22.0	2.72	1	324	0.3	0.47	0.90	0.5	0.22	0.24	142
40097103		0.23	5.8	12.4	3.15	25.9	2.85	1	281	0.3	0.44	0.93	1.0	0.21	0.28	137
40097104		0.24	5.7	11.2	2.66	18.4	2.60	1	319	0.3	0.47	0.82	0.9	0.23	0.22	139
40097105		0.22	6.1	11.9	2.89	21.4	2.60	1	332	0.3	0.49	0.99	0.6	0.25	0.25	134
40097106		0.21	5.6	10.4	2.56	26.3	2.49	1	311	0.3	0.48	0.83	0.5	0.23	0.22	130
40097107		0.23	6.5	12.3	3.00	40.1	2.98	1	368	0.3	0.50	0.95	0.6	0.25	0.26	145
40097108		0.22	5.9	11.0	2.63	33.5	2.68	1	328	0.3	0.45	0.89	1.5	0.22	0.22	137
40097109		0.21	5.6	10.8	2.62	40.0	2.52	1	538	0.2	0.43	0.79	1.3	0.22	0.21	132
40097110		0.07	1.3	3.4	0.86	3.5	0.89	1	51.1	<0.1	0.14	0.47	<0.5	0.05	0.13	27
40097111		0.22	5.9	12.1	2.87	22.2	2.67	1	360	0.3	0.48	0.86	<0.5	0.23	0.22	135
40097112		0.23	5.6	10.8	2.59	23.4	2.62	1	361	1.0	0.46	0.86	<0.5	0.19	0.31	132
40097113		0.21	5.4	10.7	2.63	29.2	2.65	1	433	0.2	0.43	0.83	1.0	0.22	0.23	126
40097114		0.23	5.4	11.5	2.71	38.5	2.76	1	475	0.2	0.46	0.88	1.5	0.23	0.24	130
40097115		0.21	5.1	10.3	2.51	30.6	2.58	1	341	0.2	0.42	0.81	0.7	0.21	0.21	118
40097116		0.21	5.6	11.0	2.65	27.8	2.61	1	372	0.2	0.45	0.83	<0.5	0.21	0.22	127
40097117		0.17	5.4	10.1	2.42	16.2	2.30	1	289	0.2	0.41	0.75	<0.5	0.21	0.19	116
40097118		0.18	5.4	10.2	2.37	23.3	2.63	1	355	0.5	0.42	0.81	0.8	0.22	0.22	109
40097119		0.21	6.1	12.0	2.76	18.4	2.97	1	354	0.3	0.49	0.83	<0.5	0.26	0.24	127
40097119 GRD																
40097120		0.23	6.4	11.8	2.82	18.4	3.20	1	346	0.4	0.53	1.00	<0.5	0.24	0.25	126
40097121		0.20	6.2	10.5	2.60	17.7	2.65	1	339	0.4	0.48	0.86	<0.5	0.24	0.21	129
40097122		0.24	6.0	11.1	2.60	16.2	2.71	1	349	0.3	0.46	0.83	<0.5	0.24	0.23	124
40097122		0.20	5.7	9.8	2.27	12.7	2.49	1	314	0.3	0.41	0.67	<0.5	0.22	0.22	118
40097123		0.18	5.2	9.3	2.25	20.0	2.65	1	370	0.3	0.39	0.64	<0.5	0.24	0.16	117
40097124		0.19	5.6	10.8	2.53	30.4	2.73	1	439	0.3	0.44	0.85	<0.5	0.22	0.22	116
40097125		0.21	5.9	10.6	2.58	27.2	2.55	1	335	0.3	0.44	0.82	<0.5	0.23	0.28	118
40097126		0.22	5.4	10.4	2.39	18.9	2.60	1	356	0.3	0.43	0.75	<0.5	0.22	0.20	123
40097127		0.19	5.6	11.0	2.50	21.8	2.63	1	383	0.3	0.44	0.81	<0.5	0.23	0.24	122
40097128		0.25	7.6	13.6	3.06	21.3	3.65	1	474	0.4	0.57	1.06	<0.5	0.33	0.27	160
40097129		0.18	5.6	9.8	2.35	10.9	2.44	1	297	0.3	0.43	0.75	<0.5	0.23	0.20	121
40097130		0.31	13.6	21.3	5.16	24.1	5.03	2	332	0.7	0.83	3.48	<0.5	0.37	0.66	522
40097131		0.21	5.9	10.4	2.43	10.8	2.71	1	320	0.3	0.44	0.77	<0.5	0.24	0.17	127
40097132		0.19	4.9	9.0	2.07	10.5	2.40	1	277	0.3	0.39	0.67	<0.5	0.20	0.16	114
40097133		0.22	5.4	10.2	2.39	15.5	2.67	1	329	0.3	0.44	0.72	<0.5	0.22	0.18	118
40097134		0.20	5.4	10.2	2.37	12.8	2.71	1	324	0.3	0.45	0.72	<0.5	0.22	0.21	127
40097135		0.18	5.4	10.2	2.31	13.4	2.50	1	347	0.3	0.45	0.70	<0.5	0.21	0.18	115
40097136		0.18	5.9	10.7	2.43	13.4	2.71	1	299	0.3	0.47	0.86	<0.5	0.23	0.20	125
40097137		0.19	5.7	10.1	2.40	8.4	2.72	1	281	0.3	0.44	0.79	<0.5	0.22	0.22	120
40097138		0.20	5.4	10.0	2.34	13.9	2.70	1	305	0.3	0.44	0.73	<0.5	0.24	0.19	122

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**



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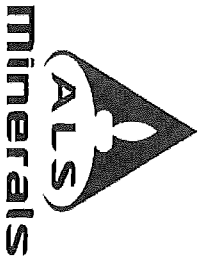
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACDB1 Ag ppm	ME-4ACDB1 As ppm	ME-4ACDB1 Cd ppm
40097100	2	31.1	2.84	213	0.2	0.02	<0.005	0.05	0.05	0.8	0.01	1.78	99.18	<0.5	<5	<0.5
40097101	3	15.1	1.49	90	0.1	0.01	0.007	<0.05	<0.05	0.5	0.01	1.21	99.51	<0.5	<5	<0.5
40097102	1	15.1	1.50	88	<0.1	0.01	0.015	0.05	0.05	0.4	0.01	2.26	99.73	<0.5	<5	<0.5
40097103	2	15.0	1.44	75	0.2	0.01	0.024	<0.05	<0.05	0.4	0.01	5.19	99.63	<0.5	<5	<0.5
40097104	2	14.4	1.41	74	<0.1	<0.01	0.013	<0.05	<0.05	0.4	0.01	3.01	99.92	<0.5	<5	<0.5
40097105	1	15.1	1.46	80	<0.1	0.01	0.016	<0.05	<0.05	0.5	0.01	2.72	99.60	<0.5	<5	<0.5
40097106	1	13.8	1.34	77	0.3	0.01	0.019	<0.05	<0.05	0.5	0.01	3.95	98.41	<0.5	<5	<0.5
40097107	2	16.0	1.48	83	<0.1	0.02	0.020	<0.05	<0.05	0.4	<0.01	4.73	98.74	<0.5	<5	<0.5
40097108	1	14.0	1.40	76	0.1	0.01	0.024	<0.05	<0.05	0.4	0.01	5.86	99.51	<0.5	<5	<0.5
40097109	1	14.0	1.37	67	0.1	0.02	0.023	<0.05	<0.05	0.5	0.01	5.50	99.87	<0.5	<5	<0.5
40097110	1	4.3	0.36	18	1.7	0.12	0.029	0.69	0.69	1.3	0.14	10.50	99.49	0.6	<5	0.8
40097111	1	14.9	1.46	77	<0.1	0.01	0.010	<0.05	<0.05	0.4	0.01	1.65	100.00	<0.5	<5	<0.5
40097112	1	14.5	1.39	77	<0.1	0.01	0.009	<0.05	<0.05	0.4	0.01	1.30	98.09	<0.5	<5	<0.5
40097113	2	14.2	1.37	71	<0.1	0.01	0.025	0.05	0.05	0.4	0.01	3.07	99.75	<0.5	<5	<0.5
40097114	1	14.5	1.38	72	<0.1	0.01	0.031	<0.05	<0.05	0.4	0.01	4.34	100.74	<0.5	<5	<0.5
40097115	1	13.3	1.34	69	<0.1	0.01	0.016	0.05	0.05	0.4	0.01	3.49	99.24	<0.5	<5	<0.5
40097116	1	14.3	1.50	73	0.1	0.01	0.010	<0.05	<0.05	0.4	0.01	1.76	100.40	<0.5	<5	<0.5
40097117	1	13.2	1.24	70	<0.1	0.01	0.009	<0.05	<0.05	0.4	0.01	1.36	98.21	<0.5	<5	<0.5
40097118	1	12.7	1.37	72	<0.1	0.02	0.012	<0.05	<0.05	0.5	0.01	2.97	100.39	<0.5	<5	<0.5
40097119	2	15.3	1.58	84	<0.1	0.01	0.007	<0.05	<0.05	0.4	0.01	1.31	101.77	<0.5	<5	0.5
40097119 CRD	1	15.1	1.64	86	<0.1	0.01	0.008	<0.05	<0.05	0.5	0.01	1.28	99.16	<0.5	<5	<0.5
40097120	1	14.5	1.55	81	<0.1	0.01	0.006	<0.05	<0.05	0.4	0.01	1.25	98.40	<0.5	<5	<0.5
40097121	1	14.7	1.54	76	<0.1	0.01	0.009	<0.05	<0.05	0.4	0.01	1.37	99.56	<0.5	<5	<0.5
40097122	2	12.9	1.25	75	<0.1	0.01	0.009	<0.05	<0.05	0.4	0.01	1.51	101.88	<0.5	<5	<0.5
40097123	1	12.4	1.30	69	<0.1	0.01	0.009	<0.05	<0.05	0.4	0.01	2.00	98.05	<0.5	<5	<0.5
40097124	<1	14.0	1.52	76	<0.1	0.01	0.015	<0.05	<0.05	0.4	0.01	2.41	99.25	<0.5	<5	<0.5
40097125	1	13.7	1.45	77	<0.1	0.01	0.016	<0.05	<0.05	0.4	0.01	3.44	99.02	<0.5	<5	<0.5
40097126	1	13.7	1.45	77	<0.1	0.01	0.010	<0.05	<0.05	0.4	0.01	1.74	101.21	<0.5	<5	<0.5
40097127	1	13.6	1.41	80	<0.1	<0.01	0.007	<0.05	<0.05	0.4	0.01	1.96	101.07	<0.5	<5	<0.5
40097128	1	18.0	1.89	99	<0.1	0.01	0.010	<0.05	<0.05	0.4	0.01	1.64	99.51	<0.5	<5	<0.5
40097129	1	12.9	1.35	74	<0.1	0.02	0.005	<0.05	<0.05	0.4	0.01	1.34	99.37	<0.5	<5	<0.5
40097130	2	23.5	2.51	135	0.1	0.02	0.011	<0.05	<0.05	0.6	0.01	1.05	101.16	<0.5	<5	<0.5
40097131	3	13.8	1.46	76	<0.1	0.01	0.005	<0.05	<0.05	0.4	0.01	1.29	100.10	<0.5	<5	<0.5
40097132	1	12.2	1.24	67	0.2	0.02	0.007	<0.05	<0.05	0.4	0.01	1.40	98.24	<0.5	<5	0.6
40097133	1	13.3	1.40	72	<0.1	0.01	0.005	<0.05	<0.05	0.4	0.01	1.46	99.97	<0.5	<5	<0.5
40097134	1	13.5	1.40	82	<0.1	0.01	<0.005	<0.05	<0.05	0.4	0.01	1.08	100.87	<0.5	<5	<0.5
40097135	7	13.0	1.31	74	<0.1	0.01	0.007	<0.05	<0.05	0.4	0.01	2.21	100.34	<0.5	<5	<0.5
40097136	1	14.2	1.46	83	<0.1	0.01	<0.005	<0.05	<0.05	0.4	0.01	1.14	99.62	<0.5	<5	<0.5
40097137	1	13.6	1.47	76	<0.1	0.01	0.006	<0.05	<0.05	0.4	0.01	1.62	98.12	<0.5	<5	<0.5
40097138	1	13.3	1.40	76	<0.1	0.01	0.007	<0.05	<0.05	0.5	0.01	2.08	98.62	<0.5	<5	<0.5

Comments: **Corrected copy for ME-4ACDB1 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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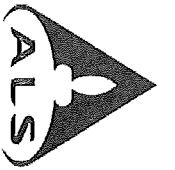
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097100		40	22	20	<1	5	10	26	122	<0.001	<0.0005	0.002				
40097101		64	120	30	<1	378	<2	12	101	0.002	0.0042	0.007				
40097102		61	113	50	<1	365	<2	15	95	0.002	0.0042	0.006				
40097103		64	107	80	<1	381	<2	15	85	0.001	0.0039	0.006				
40097104		55	103	50	<1	317	<2	14	81	0.001	0.0040	0.007				
40097105		59	113	40	<1	341	<2	12	86	0.002	0.0040	0.007				
40097106		54	101	60	<1	313	<2	13	81	0.001	0.0039	0.007				
40097107		52	102	90	<1	294	2	15	85	0.002	0.0039	0.007				
40097108		64	115	100	<1	397	<2	12	93	0.001	0.0039	0.007				
40097109		59	103	100	<1	356	<2	14	80	0.002	0.0041	0.007				
40097110		137	558	10	1	1840	58	9	192	0.015	0.0063	0.004				
40097111		53	108	30	<1	314	<2	12	80	0.002	0.0040	0.007				
40097112		54	103	30	<1	323	3	15	81	0.002	0.0043	0.008				
40097113		54	108	60	<1	335	<2	13	81	0.002	0.0039	0.007				
40097114		57	112	90	<1	344	<2	15	77	0.002	0.0040	0.007				
40097115		53	97	80	<1	315	2	12	76	0.001	0.0038	0.007				
40097116		65	106	40	<1	417	<2	11	88	0.001	0.0045	0.008				
40097117		65	101	30	<1	417	2	12	83	0.001	0.0043	0.008				
40097118		68	110	60	<1	443	<2	13	87	0.001	0.0047	0.008				
40097119		56	108	30	<1	362	<2	13	80	0.001	0.0037	0.007				
40097119 CRD																
40097120		57	105	30	<1	358	<2	12	79	0.001	0.0040	0.007				
40097120		59	106	30	<1	359	<2	12	80	0.001	0.0041	0.007				
40097121		55	104	30	<1	349	2	13	85	0.002	0.0048	0.008				
40097122		58	101	30	<1	380	<2	11	86	0.001	0.0049	0.009				
40097123		59	102	40	<1	384	<2	13	87	0.002	0.0054	0.009				
40097124		54	101	50	<1	346	<2	12	79	0.002	0.0043	0.009				
40097125		53	101	60	<1	332	<2	12	78	0.002	0.0042	0.008				
40097126		49	101	30	<1	327	<2	12	71	0.002	0.0043	0.008				
40097127		49	103	30	<1	311	<2	11	71	0.002	0.0041	0.007				
40097128		51	101	30	<1	321	<2	13	79	0.002	0.0042	0.008				
40097129		56	107	20	<1	359	<2	13	85	0.002	0.0049	0.013				
40097130		51	26	20	<1	15	8	33	132	<0.001	<0.0005	0.001				
40097131		53	106	20	<1	337	<2	12	89	0.002	0.0042	0.009				
40097132		66	102	20	<1	446	<2	11	98	0.002	0.0046	0.010				
40097133		61	95	20	<1	423	3	12	78	0.001	0.0043	0.009				
40097134		53	97	20	<1	342	<2	13	69	0.002	0.0042	0.008				
40097135		52	94	40	<1	335	<2	12	68	0.001	0.0039	0.009				
40097136		60	107	20	<1	400	<2	12	79	0.002	0.0042	0.009				
40097137		59	103	20	<1	379	2	12	74	<0.001	0.0044	0.010				
40097138		55	101	40	<1	358	<2	12	69	<0.001	0.0044	0.011				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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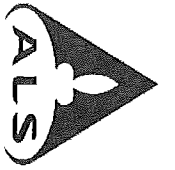
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40097100																
40097101																
40097102																
40097103																
40097104																
40097105																
40097106																
40097107																
40097108																
40097109																
40097110																
40097111																
40097112																
40097113																
40097114																
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40097135																
40097136																
40097137																
40097138																

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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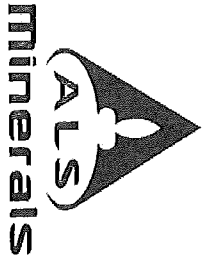
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units	ME-ICP81	ME-ICP81	ME-ICP81
		SiO2 %	TiO2 %	Zn %
40097100		0.2	0.01	0.01
40097101				
40097102				
40097103				
40097104				
40097105				
40097106				
40097107				
40097108				
40097109				
40097110				
40097111				
40097112				
40097113				
40097114				
40097115				
40097116				
40097117				
40097118				
40097119				
40097119 CRD				
40097120				
40097121				
40097122				
40097123				
40097124				
40097125				
40097126				
40097127				
40097128				
40097129				
40097130				
40097131				
40097132				
40097133				
40097134				
40097135				
40097136				
40097137				
40097138				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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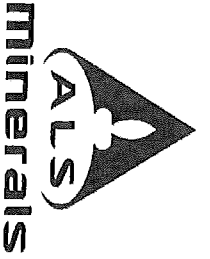
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Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	WEI-21 Recrd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SIO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097139		10.84	0.02	0.01	44.8	18.10	10.70	9.97	1.93	10.60	0.42	0.02	0.91	0.13	0.10	0.03
40097139 CRD		<0.02			45.0	18.30	10.65	10.05	1.94	10.55	0.46	0.02	0.91	0.13	0.10	0.03
40097140		0.16			36.2	3.12	13.75	2.08	0.22	31.7	0.12	0.54	0.26	0.15	0.10	0.01
40097141		10.26			45.1	18.45	10.40	10.15	1.94	10.20	0.42	0.02	0.92	0.13	0.10	0.03
40097142		10.51			45.2	18.25	10.45	10.05	1.90	10.75	0.39	0.03	0.84	0.13	0.10	0.03
40097143		10.17			45.1	18.90	9.89	10.00	1.83	9.66	0.68	0.03	0.89	0.12	0.11	0.05
40097144		10.12			44.7	18.80	9.80	9.98	1.75	9.43	0.87	0.03	0.86	0.13	0.10	0.04
40097145		9.20			41.2	14.70	9.80	8.33	0.73	12.20	1.89	0.03	0.72	0.17	0.08	0.03
40097146		9.51			45.8	17.50	8.79	7.13	1.38	9.34	3.17	0.03	0.82	0.14	0.08	0.04
40097147		10.53		70.2	44.0	17.55	11.00	8.66	1.67	11.45	0.93	0.03	0.94	0.13	0.10	0.04
40097148		10.67			43.4	16.85	11.05	8.36	1.67	12.30	0.81	0.02	0.86	0.13	0.10	0.04
40097149		5.02			43.4	16.35	11.20	8.42	1.63	12.70	0.61	0.03	0.92	0.14	0.11	0.04
40097150		4.35			43.4	16.25	11.30	8.36	1.60	12.95	0.62	0.03	0.93	0.14	0.10	0.04
40097151		10.67			43.1	15.25	12.15	8.04	1.63	14.45	0.40	0.02	0.90	0.14	0.11	0.03
40097152		10.78			43.5	15.20	12.20	8.43	1.55	14.70	0.46	0.03	0.90	0.14	0.10	0.03
40097153		10.32			43.9	16.15	11.40	8.63	1.69	12.95	0.50	0.03	1.06	0.13	0.11	0.03
40097154		10.35			44.2	15.80	11.60	8.51	1.72	13.30	0.52	0.03	1.03	0.14	0.12	0.03
40097155		10.37			44.7	16.95	10.90	8.70	1.72	11.25	0.81	0.03	1.05	0.13	0.13	0.05
40097156		9.89			43.3	16.05	10.60	7.94	1.43	10.95	1.37	0.03	1.12	0.14	0.13	0.04
40097157		10.41			43.8	16.10	11.45	8.46	1.72	11.90	0.53	0.03	1.09	0.14	0.13	0.03
40097158		10.35			44.0	18.25	9.77	9.13	1.56	8.85	1.45	0.05	1.13	0.14	0.13	0.07
40097159		10.24			44.5	18.20	9.78	9.00	2.02	7.37	1.61	0.05	1.26	0.15	0.15	0.06
40097159 CRD		<0.02			45.0	18.45	9.91	9.24	2.03	7.42	1.62	0.05	1.26	0.16	0.14	0.06
40097160		0.36			50.1	13.80	17.20	7.97	2.98	3.81	1.11	<0.01	2.56	0.20	0.19	0.04
40097161		9.93			41.7	16.30	11.65	6.94	2.37	9.82	1.08	0.05	1.50	0.19	0.32	0.03
40097162		2.50			43.9	18.00	14.85	4.76	2.06	8.05	1.38	0.45	2.15	0.17	0.18	0.04
40097163		11.18			45.2	18.20	11.05	8.85	1.80	9.34	1.41	0.22	1.17	0.13	0.16	0.05
40097164		13.55			43.8	17.75	11.00	9.17	1.74	10.35	0.64	0.21	0.91	0.13	0.13	0.04
40097165		13.33			45.0	18.50	10.40	9.92	1.98	9.49	0.49	0.13	1.03	0.12	0.13	0.04
40097166		13.12			45.1	17.00	11.55	9.76	2.05	9.82	0.42	0.08	1.23	0.14	0.14	0.03
40097167		13.34			44.0	14.20	13.70	8.42	1.71	13.85	0.35	0.05	1.15	0.16	0.14	0.03
40097168		12.96			43.2	18.35	11.50	9.76	1.74	10.60	0.32	0.76	1.00	0.13	0.13	0.03
40097169		12.79			43.4	18.05	12.00	9.73	1.93	9.73	0.32	1.01	1.18	0.14	0.13	0.03
40097170		0.16			36.5	3.10	13.65	2.06	0.22	31.3	0.14	0.56	0.26	0.16	0.03	0.01
40097171		9.27			45.7	17.35	11.65	10.10	2.45	7.40	0.43	0.41	1.56	0.15	0.20	0.03
40097172		8.73			42.8	17.40	12.55	9.11	1.85	10.75	0.30	1.21	1.17	0.15	0.11	0.03
40097173		6.59			43.0	19.65	10.80	10.40	1.79	8.73	0.36	0.58	0.93	0.12	0.10	0.04
40097174		6.89			42.3	19.95	10.55	10.55	1.81	8.39	0.39	0.53	0.93	0.11	0.09	0.03
40097175		6.67			43.9	18.80	12.40	10.05	1.96	9.01	0.32	1.07	1.25	0.14	0.13	0.03
40097176		5.35			44.8	17.85	11.95	9.74	2.08	9.44	0.35	0.54	1.19	0.15	0.16	0.03

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**



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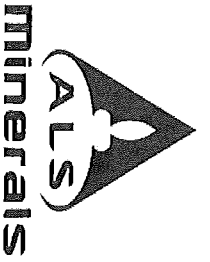
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097139		0.01	0.02	0.04	125.5	17.7	190	1.85	2.62	1.45	0.92	16.7	2.48	1.8	0.51	7.9
40097139 CRD		0.01	0.02	0.04	125.5	18.2	180	1.91	2.42	1.56	0.95	17.2	2.71	1.9	0.55	8.3
40097140		0.08	0.24	0.39	721	6.4	4170	0.16	0.73	0.40	0.28	4.8	0.72	0.5	0.16	3.0
40097141		0.01	0.02	0.04	125.5	18.6	200	1.69	2.41	1.38	1.00	17.0	2.63	2.0	0.50	8.2
40097142		0.01	0.02	0.04	123.5	17.9	230	1.86	2.65	1.39	0.92	17.5	2.78	1.8	0.58	8.0
40097143		0.03	0.02	0.04	235	18.3	230	2.53	2.53	1.55	1.01	17.0	2.78	1.9	0.54	8.2
40097144		0.06	0.08	0.04	535	18.3	200	2.68	2.50	1.28	0.95	17.1	2.72	1.9	0.56	8.5
40097145		0.17	0.24	0.06	1520	15.4	260	2.44	2.03	1.16	0.80	15.1	1.88	1.5	0.40	7.4
40097146		0.23	0.14	0.06	2030	15.1	200	3.65	2.09	1.18	0.74	14.5	2.20	1.6	0.42	7.1
40097147		0.03	0.04	0.05	265	16.5	210	3.87	2.41	1.47	0.89	16.4	2.64	1.8	0.49	7.5
40097148		0.02	0.03	0.04	224	17.2	200	4.15	2.27	1.32	0.90	16.4	2.43	1.8	0.49	8.0
40097149		0.03	0.05	0.05	235	17.8	210	3.88	2.59	1.55	0.90	15.2	2.86	2.0	0.55	8.0
40097150		0.03	0.04	0.04	229	17.6	220	3.77	2.55	1.40	0.88	15.4	2.51	1.8	0.56	7.8
40097151		0.01	0.08	0.04	128.5	17.9	200	3.25	2.64	1.41	0.88	14.5	2.71	1.8	0.53	7.9
40097152		0.01	0.02	0.05	130.0	17.8	220	2.58	2.76	1.43	0.94	14.6	2.57	1.8	0.50	8.2
40097153		0.02	0.02	0.03	188.5	20.2	220	3.40	2.80	1.66	1.03	16.0	3.00	2.2	0.61	9.3
40097154		0.02	0.03	0.05	210	20.7	230	2.88	3.08	1.74	0.97	16.1	3.28	2.2	0.60	9.4
40097155		0.05	0.04	0.05	457	22.9	220	4.49	3.01	2.07	1.05	17.0	3.20	2.3	0.67	10.2
40097156		0.15	0.06	0.05	1355	22.3	230	3.08	3.29	1.76	0.95	15.8	3.29	2.4	0.67	9.6
40097157		0.03	0.04	0.06	314	23.0	250	4.07	3.05	1.70	1.12	16.3	3.53	2.3	0.62	10.2
40097158		0.17	0.05	0.05	1565	23.8	370	3.73	3.37	1.80	1.20	18.5	3.52	2.6	0.70	10.4
40097159		0.15	0.14	0.07	1335	22.7	430	3.96	3.34	1.93	1.24	19.0	3.83	2.3	0.67	10.1
40097160 CRD		0.15	0.13	0.06	1285	23.1	420	3.69	3.03	1.84	1.26	18.5	3.54	2.3	0.68	10.3
40097160		0.05	0.18	0.19	474	51.8	10	0.92	5.28	2.90	1.89	24.4	5.82	4.4	1.05	25.7
40097161		0.05	0.38	0.24	442	39.2	370	5.77	4.60	2.67	1.70	19.3	5.27	2.4	0.98	18.0
40097162		0.09	0.05	0.45	790	33.4	3460	8.21	3.35	2.00	2.02	23.8	3.69	2.9	0.79	16.5
40097163		0.09	0.08	0.04	827	25.6	1650	4.34	3.18	1.81	1.14	18.8	3.60	2.2	0.64	11.3
40097164		0.02	0.03	0.05	170.0	20.7	1570	3.18	2.52	1.52	1.03	17.2	2.88	2.1	0.52	9.5
40097165		0.02	0.02	0.04	145.5	22.2	1040	2.89	2.78	1.70	1.09	18.2	3.21	2.3	0.60	9.9
40097166		0.02	0.02	0.05	145.0	27.5	570	2.65	3.39	1.96	1.12	17.0	3.83	2.7	0.68	12.3
40097167		0.01	0.02	0.10	129.5	24.6	370	2.81	2.96	1.80	1.06	15.1	3.42	2.3	0.58	11.0
40097168		0.01	0.04	0.11	116.0	23.2	5550	3.79	2.74	1.61	1.02	18.6	3.01	2.0	0.61	10.7
40097169		0.01	0.04	0.17	129.5	22.6	7550	3.37	3.28	1.84	1.21	20.5	3.21	2.5	0.72	10.1
40097170		0.08	0.24	0.37	717	6.3	4310	0.21	0.74	0.40	0.22	4.8	0.77	0.6	0.16	3.1
40097171		0.02	0.03	0.10	180.0	35.8	3040	3.57	4.96	2.86	1.63	21.1	5.53	3.7	1.18	16.4
40097172		0.01	0.03	0.18	112.0	20.0	8990	3.20	2.94	1.63	1.12	20.7	2.99	2.0	0.61	9.0
40097173		0.01	0.02	0.63	117.5	17.0	4250	2.31	2.65	1.48	0.93	18.3	2.45	1.8	0.54	7.6
40097174		0.01	0.04	0.58	117.5	16.4	3870	2.70	2.38	1.35	0.97	18.7	2.44	1.6	0.51	7.4
40097175		0.01	0.03	0.30	119.5	22.1	7720	2.92	3.12	1.68	1.09	21.1	3.43	2.1	0.65	9.9
40097176		0.02	0.04	0.30	145.0	30.9	3960	3.26	4.09	2.36	1.30	20.2	4.22	3.1	0.86	13.8

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for GWM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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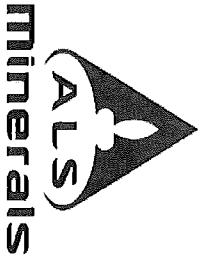
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tl ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40097139		0.21	5.3	10.2	2.36	12.4	2.36	1	30.4	0.3	0.42	0.76	<0.5	0.23	0.20	12.4
40097139 CRD		0.21	5.5	10.6	2.58	13.4	2.42	1	30.5	0.3	0.45	0.75	<0.5	0.21	0.18	12.5
40097140		0.06	1.3	3.3	0.79	3.4	0.82	2	50.3	0.1	0.11	0.44	<0.5	0.07	0.15	96
40097141		0.21	5.4	10.6	2.36	12.6	2.28	1	30.3	0.3	0.45	0.72	<0.5	0.20	0.21	12.6
40097142		0.23	5.0	10.1	2.29	11.4	2.45	1	30.8	0.3	0.47	0.90	<0.5	0.21	0.19	12.1
40097143		0.20	5.3	10.1	2.36	22.7	2.28	1	45.6	0.3	0.47	0.85	0.5	0.20	0.18	12.3
40097144		0.22	5.1	10.1	2.41	31.6	2.29	1	33.0	0.3	0.39	0.73	<0.5	0.24	0.17	11.9
40097145		0.13	4.2	8.2	1.93	62.0	1.92	1	25.1	0.3	0.31	0.75	1.2	0.15	0.26	96
40097146		0.17	4.6	8.6	1.86	112.5	2.21	1	38.3	0.3	0.36	0.85	0.6	0.17	0.27	10.8
40097147		0.22	5.3	9.3	2.13	39.4	2.33	1	37.8	0.3	0.42	0.70	<0.5	0.20	0.17	12.7
40097148		0.18	4.8	9.9	2.12	32.4	2.30	1	36.2	0.3	0.43	0.69	<0.5	0.20	0.18	11.9
40097149		0.20	5.3	9.9	2.29	22.8	2.31	1	31.2	0.3	0.43	0.76	<0.5	0.24	0.19	12.6
40097150		0.20	5.3	9.9	2.33	23.9	2.37	1	31.3	0.4	0.43	0.73	<0.5	0.22	0.44	12.8
40097151		0.21	5.4	10.2	2.32	13.6	2.61	1	27.3	0.3	0.49	0.75	<0.5	0.21	0.21	12.2
40097152		0.20	5.1	10.3	2.34	13.8	2.33	1	26.0	0.4	0.47	0.75	<0.5	0.25	0.21	12.5
40097153		0.22	6.3	11.6	2.60	16.9	2.84	1	28.3	0.4	0.50	0.90	<0.5	0.22	0.19	14.2
40097154		0.26	6.3	11.8	2.68	16.5	2.61	1	28.4	0.4	0.51	0.84	<0.5	0.26	0.23	14.2
40097155		0.26	6.9	13.4	2.97	24.4	2.94	1	43.3	0.4	0.55	0.90	1.5	0.27	0.22	14.4
40097156		0.25	6.9	12.4	3.04	47.3	3.11	1	37.4	0.4	0.56	0.96	1.5	0.25	0.22	15.1
40097157		0.26	6.8	12.9	2.91	18.6	3.12	1	26.0	0.4	0.59	0.98	2.0	0.29	0.23	14.5
40097158		0.23	7.3	13.3	3.12	47.4	2.99	1	55.8	0.4	0.59	1.07	1.8	0.29	0.23	14.9
40097159		0.26	7.2	13.6	3.04	55.3	3.36	1	55.2	0.4	0.58	1.00	1.1	0.29	0.29	16.6
40097159 CRD		0.27	6.9	13.3	2.91	53.6	3.05	1	53.9	0.4	0.56	0.83	1.2	0.27	0.29	16.4
40097160		0.42	15.3	26.5	6.35	29.0	5.73	2	32.6	0.8	0.96	4.76	<0.5	0.41	0.85	55.1
40097161		0.33	13.1	22.6	5.06	35.9	5.12	1	24.0	0.8	0.80	1.70	0.8	0.37	0.84	22.7
40097162		0.33	15.3	17.9	4.19	50.7	3.90	1	35.2	0.9	0.56	1.87	0.8	0.32	1.05	39.8
40097163		0.23	6.6	15.0	3.33	52.7	3.76	1	46.4	0.4	0.58	1.07	1.2	0.28	0.39	16.5
40097164		0.21	6.0	11.1	2.68	21.3	2.77	1	34.1	0.4	0.45	1.03	<0.5	0.21	0.22	10.8
40097165		0.26	6.2	12.7	2.85	13.8	3.00	1	32.8	0.4	0.55	0.92	<0.5	0.24	0.20	13.5
40097166		0.25	8.0	15.8	3.58	10.8	3.47	1	28.1	0.4	0.60	1.23	<0.5	0.28	0.31	14.2
40097167		0.25	7.1	13.6	3.23	9.1	3.55	1	21.8	0.4	0.55	1.03	<0.5	0.28	0.24	14.6
40097168		0.23	6.4	13.0	2.97	8.0	3.08	1	24.5	0.4	0.56	0.89	<0.5	0.25	0.23	8.3
40097169		0.26	6.7	13.8	2.96	8.2	3.50	1	25.3	0.4	0.55	0.93	<0.5	0.28	0.21	11.6
40097170		0.06	1.3	3.4	0.75	3.7	0.83	1	48.4	0.1	0.13	0.51	<0.5	0.05	0.08	3.2
40097171		0.38	10.6	20.8	4.81	10.5	4.98	1	27.6	0.6	0.91	1.70	<0.5	0.39	0.45	16.0
40097172		0.23	5.9	11.6	2.70	7.3	2.86	1	23.5	0.4	0.49	0.80	<0.5	0.22	0.18	10.0
40097173		0.20	4.7	9.9	2.18	9.3	2.23	1	29.9	0.3	0.37	0.76	<0.5	0.19	0.17	10.9
40097174		0.20	4.8	9.6	2.10	10.7	2.29	1	29.0	0.4	0.38	0.70	<0.5	0.19	0.14	11.2
40097175		0.26	6.3	13.1	2.86	7.8	3.15	1	26.2	0.4	0.51	0.94	<0.5	0.23	0.16	14.2
40097176		0.32	9.0	17.0	4.03	9.1	4.20	1	25.3	0.6	0.73	1.78	<0.5	0.30	0.30	11.4

Comments: **Corrected copy for ME-4ACDB1 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

**** See Appendix Page for comments regarding this certificate ****



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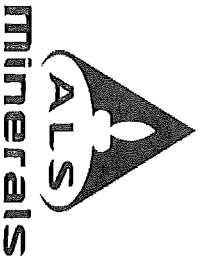
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

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 Plus Appendix Pages
 Finalized Date: 7-AUG-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOI-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097139	1	13.1	13.3	1.33	72	0.2	0.01	<0.005	<0.05	0.6	<0.01	1.42	99.14	<0.5	<5	<0.5
40097139 CRD	1	13.9	1.40	1.40	72	0.1	0.01	<0.005	<0.05	0.5	<0.01	1.32	99.47	<0.5	<5	<0.5
40097140	5	4.1	0.39	0.39	16	1.7	0.10	0.015	0.40	1.5	0.17	10.65	98.92	1.2	<5	0.5
40097141	1	13.9	1.40	1.40	75	0.1	0.01	<0.005	<0.05	0.4	<0.01	1.38	99.25	<0.5	<5	<0.5
40097142	1	13.5	1.34	1.34	69	<0.1	0.01	0.005	<0.05	0.3	<0.01	1.26	99.39	<0.5	<5	<0.5
40097143	1	13.6	1.43	1.43	70	<0.1	0.01	0.010	<0.05	0.3	<0.01	2.41	99.70	<0.5	<5	0.5
40097144	1	13.4	1.37	1.37	73	<0.1	0.01	0.014	<0.05	0.6	<0.01	2.91	99.46	<0.5	<5	<0.5
40097145	1	10.5	0.96	0.96	51	0.4	0.01	0.048	0.08	<0.2	0.01	2.65	99.66	<0.5	<5	<0.5
40097146	1	11.5	1.25	1.25	59	0.2	0.01	0.044	0.06	0.5	0.01	5.56	100.01	<0.5	<5	<0.5
40097147	<1	12.9	1.34	1.34	66	0.2	0.01	0.006	<0.05	0.5	<0.01	1.99	98.52	<0.5	<5	<0.5
40097148	3	12.8	1.14	1.14	59	0.1	0.01	0.010	<0.05	0.5	0.01	2.32	97.93	<0.5	<5	<0.5
40097149	1	13.6	1.28	1.28	70	0.2	0.01	0.005	<0.05	0.5	0.01	2.86	98.44	<0.5	<5	<0.5
40097150	1	13.6	1.35	1.35	69	0.2	0.01	0.009	<0.05	0.8	<0.01	3.98	100.45	<0.5	<5	<0.5
40097151	<1	13.5	1.32	1.32	64	0.1	0.01	<0.005	<0.05	0.6	0.01	1.71	97.94	<0.5	<5	0.5
40097152	5	13.7	1.32	1.32	67	<0.1	0.01	<0.005	<0.05	0.3	<0.01	1.95	99.20	<0.5	<5	<0.5
40097153	3	15.3	1.46	1.46	82	0.2	0.01	0.007	<0.05	0.5	0.01	2.45	99.05	<0.5	<5	0.5
40097154	1	15.7	1.69	1.69	84	0.2	0.01	0.007	<0.05	0.5	<0.01	2.10	99.12	<0.5	<5	0.6
40097155	<1	16.9	1.65	1.65	86	0.3	0.01	0.021	<0.05	0.8	<0.01	3.98	100.45	<0.5	<5	<0.5
40097156	1	17.1	1.70	1.70	90	0.3	0.01	0.024	<0.05	0.8	0.01	5.39	98.64	<0.5	<5	0.5
40097157	1	17.1	1.63	1.63	92	0.2	0.01	0.023	<0.05	0.7	<0.01	3.55	98.96	<0.5	<5	0.6
40097158	5	17.7	1.89	1.89	102	0.3	0.01	0.030	<0.05	0.9	0.01	4.58	99.28	<0.5	<5	<0.5
40097159	1	17.7	1.89	1.89	84	0.3	0.01	0.035	0.05	0.5	0.01	4.86	99.16	<0.5	<5	<0.5
40097159 CRD	1	17.2	1.60	1.60	78	0.4	0.01	0.038	0.05	0.7	0.02	4.81	100.30	<0.5	<5	<0.5
40097160	1	27.0	2.76	2.76	159	0.2	0.02	<0.005	<0.05	0.5	<0.01	1.11	101.12	<0.5	<5	0.6
40097161	3	24.5	2.39	2.39	86	1.9	0.03	0.084	0.24	1.1	0.01	7.71	99.71	<0.5	<5	0.5
40097162	1	18.9	2.11	2.11	105	2.2	0.05	0.012	0.08	0.7	0.02	4.26	100.37	<0.5	<5	0.5
40097163	3	17.8	1.67	1.67	81	<0.1	0.02	0.018	0.06	0.8	0.01	2.88	100.52	<0.5	<5	<0.5
40097164	3	14.1	1.37	1.37	73	<0.1	0.01	0.007	<0.05	0.6	<0.01	2.39	98.86	<0.5	<5	0.6
40097165	<1	15.9	1.63	1.63	86	0.1	0.01	<0.005	<0.05	0.5	0.01	1.91	99.16	<0.5	<5	<0.5
40097166	1	18.9	1.96	1.96	109	0.4	0.01	<0.005	<0.05	0.5	<0.01	1.81	99.15	<0.5	<5	<0.5
40097167	<1	17.5	1.63	1.63	87	0.5	0.02	<0.005	<0.05	0.9	0.01	1.42	99.19	<0.5	<5	<0.5
40097168	1	15.8	1.36	1.36	75	0.1	0.04	<0.005	0.09	0.2	0.03	2.08	99.61	<0.5	<5	<0.5
40097169	7	16.9	1.60	1.60	88	0.5	0.07	<0.005	<0.05	1.2	0.05	1.54	98.90	<0.5	<5	<0.5
40097170	2	4.0	0.36	0.36	19	1.7	0.10	0.027	0.48	1.3	0.17	10.60	98.69	1.1	<5	1.1
40097171	1	27.0	2.37	2.37	131	0.4	0.02	0.007	<0.05	1.2	0.03	1.92	99.37	<0.5	<5	<0.5
40097172	2	15.2	1.31	1.31	71	0.2	0.05	0.010	0.06	1.4	0.08	2.15	99.59	<0.5	<5	<0.5
40097173	1	13.0	1.27	1.27	64	<0.1	0.16	<0.005	<0.05	2.8	0.18	2.03	98.54	0.9	<5	0.5
40097174	1	12.1	1.15	1.15	57	0.4	0.20	<0.005	0.05	2.9	0.19	2.75	98.29	1.0	<5	<0.5
40097175	1	15.9	1.40	1.40	76	0.2	0.09	0.007	<0.05	1.3	0.06	1.53	100.60	<0.5	<5	<0.5
40097176	1	21.5	2.13	2.13	104	0.3	0.10	<0.005	0.06	1.9	0.08	1.41	99.71	<0.5	<5	<0.5

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**



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TO: RIO TINTO EXPLORATION CANADA INC.
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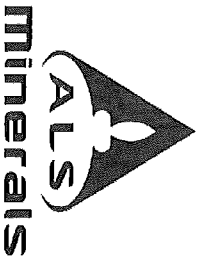
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PGM-MS24	PGM-MS24	PGM-MS24	PGM-MS24	Cu-O662	Ni-O662	PGM-ICP27	PGM-ICP27
		Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Se ppm	Zn ppm	Au ppm	Pt ppm	Pd ppm	Cu %	Ni %	Au ppm	Pt ppm		
40097139		62	107	20	<1	409	<2	12	76	0.003	0.0048	0.014						
40097139 CRD		59	107	20	<1	399	4	11	73	0.002	0.0048	0.014						
40097140		146	600	10	1	1995	62	10	203	0.018	0.0064	0.004						
40097141		59	113	20	<1	406	<2	14	81	0.002	0.0047	0.012						
40097142		61	108	20	<1	442	<2	13	82	0.002	0.0049	0.012						
40097143		55	99	50	<1	387	<2	13	72	0.002	0.0051	0.013						
40097144		54	104	60	<1	369	<2	13	73	0.002	0.0050	0.013						
40097145		63	78	160	<1	478	<2	13	70	0.002	0.0038	0.012						
40097146		56	96	110	<1	375	2	14	68	0.002	0.0040	0.010						
40097147		63	109	40	<1	477	5	12	83	0.003	0.0072	0.020						
40097148		71	111	60	<1	587	2	12	85	0.003	0.0055	0.013						
40097149		70	112	60	<1	580	<2	11	81	0.003	0.0052	0.013						
40097150		72	111	60	<1	597	2	13	82	0.003	0.0054	0.013						
40097151		77	110	40	<1	667	<2	9	86	0.003	0.0048	0.011						
40097152		81	119	40	<1	748	<2	10	92	0.004	0.0048	0.018						
40097153		73	114	40	<1	636	4	10	83	0.002	0.0035	0.010						
40097154		72	119	40	<1	646	5	12	87	0.002	0.0028	0.006						
40097155		63	126	100	<1	510	2	17	82	0.002	0.0020	0.005						
40097156		62	134	130	<1	501	<2	18	83	0.002	0.0023	0.005						
40097157		72	128	70	<1	631	4	16	92	0.002	0.0020	0.005						
40097158		49	114	130	<1	374	<2	17	76	0.003	0.0048	0.012						
40097159		45	132	120	<1	290	4	20	82	0.002	0.0014	0.004						
40097159 CRD		43	135	110	<1	283	<2	20	79	0.002	0.0015	0.004						
40097160		52	14	20	<1	6	8	31	142	0.001	<0.0005	0.001						
40097161		43	130	160	1	221	7	24	124	0.004	0.0025	0.006						
40097162		59	237	150	4	271	15	36	200	0.004	0.0065	0.016						
40097163		59	332	60	<1	447	8	18	92	0.006	0.0139	0.049						
40097164		67	117	40	<1	505	4	13	91	0.002	0.0047	0.011						
40097165		58	122	30	<1	383	3	15	80	0.003	0.0043	0.013						
40097166		58	130	30	<1	365	5	16	87	0.003	0.0062	0.012						
40097167		81	366	20	<1	734	<2	14	97	0.012	0.0213	0.144						
40097168		70	457	30	<1	669	<2	17	101	0.012	0.0226	0.174						
40097169		70	802	20	<1	781	7	19	109	0.021	0.0515	0.240						
40097170		146	585	<10	2	1945	71	10	206	0.019	0.0063	0.005						
40097171		54	299	20	<1	381	<2	23	103	0.007	0.0116	0.067						
40097172		77	812	20	<1	867	<2	16	114	0.019	0.0329	0.237						
40097173		82	2680	30	<1	1520	<2	14	96	0.054	0.0816	0.614						
40097174		82	2900	30	<1	1825	29	14	89	0.068	0.1175	0.721						
40097175		74	1100	20	<1	949	<2	19	116	0.027	0.0521	0.284						
40097176		79	1370	20	<1	1140	<2	22	104	0.040	0.0699	0.410						

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
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 Account: KAV

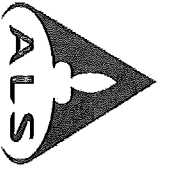
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
40097139 CRD																
40097140																
40097141																
40097142																
40097143																
40097144																
40097145																
40097146																
40097147																
40097148																
40097149																
40097150																
40097151																
40097152																
40097153																
40097154																
40097155																
40097156																
40097157																
40097158																
40097159 CRD																
40097160																
40097161																
40097162																
40097163																
40097164																
40097165																
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40097167																
40097168																
40097169																
40097170																
40097171																
40097172																
40097173																
40097174																
40097175																
40097176																

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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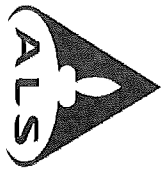
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40097139				
40097139 CRD				
40097140				
40097141				
40097142				
40097143				
40097144				
40097145				
40097146				
40097147				
40097148				
40097149				
40097150				
40097151				
40097152				
40097153				
40097154				
40097155				
40097156				
40097157				
40097158				
40097159				
40097159 CRD				
40097160				
40097161				
40097162				
40097163				
40097164				
40097165				
40097166				
40097167				
40097168				
40097169				
40097170				
40097171				
40097172				
40097173				
40097174				
40097175				
40097176				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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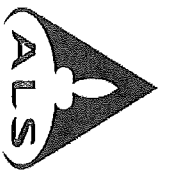
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40097177		5.65	0.02	0.01	40.8	17.25	14.15	8.64	1.86	10.15	0.37	1.85	1.28	0.15	0.16	0.03
40097178		5.42			43.6	17.95	11.80	9.73	1.91	9.28	0.33	0.39	1.03	0.14	0.12	0.03
40097179		2.63			44.5	18.10	12.00	9.84	2.07	9.00	0.38	0.56	1.30	0.14	0.15	0.03
40097179 CRD		<0.02			44.8	18.20	12.05	9.94	2.08	9.06	0.39	0.56	1.30	0.14	0.14	0.03
40097180		2.25			44.7	18.20	11.95	10.05	2.06	9.14	0.41	0.57	1.25	0.14	0.13	0.03
40097181		4.96			45.4	18.05	11.60	10.05	2.22	8.34	0.42	0.50	1.42	0.14	0.18	0.03
40097182		5.47			40.9	18.50	14.40	9.07	1.76	9.79	0.29	2.33	1.42	0.15	0.11	0.03
40097183		5.51			44.6	19.20	11.70	10.25	2.11	7.74	0.45	0.78	1.33	0.14	0.16	0.03
40097184		5.58			42.3	18.60	12.65	9.58	1.93	8.66	0.37	1.51	1.29	0.15	0.10	0.03
40097185		5.19			44.4	18.05	12.50	9.87	2.48	6.57	0.65	1.12	1.91	0.15	0.24	0.04
40097186		4.90			39.9	19.40	14.15	9.31	1.94	7.78	0.47	0.67	1.56	0.15	0.13	0.03
40097187		5.77			45.2	19.40	10.45	10.45	2.12	7.40	0.67	0.18	1.21	0.13	0.15	0.04
40097188		5.02			44.8	20.7	8.77	11.00	2.07	6.81	0.60	0.18	1.03	0.11	0.10	0.04
40097189		5.06			44.6	19.80	10.30	11.00	2.06	5.98	0.89	0.49	1.42	0.13	0.18	0.05
40097190		0.35			55.5	14.05	10.25	8.28	2.82	5.51	1.45	0.03	1.00	0.15	0.18	0.04
40097191		5.23			43.2	20.00	11.25	10.25	1.95	7.13	0.85	0.26	1.05	0.12	0.12	0.04
40097192		5.47			41.4	19.35	12.50	10.55	1.76	5.96	0.88	0.12	1.06	0.11	0.11	0.05
40097193		5.15			43.4	19.00	12.10	10.00	1.86	7.34	0.49	0.25	1.15	0.13	0.12	0.04
40097194		5.27			41.1	17.40	12.85	11.80	1.32	7.53	0.64	0.87	1.28	0.14	0.13	0.04
40097195		4.66	73.6	93.9	44.2	18.20	10.10	11.60	1.62	7.58	0.80	0.16	1.25	0.13	0.13	0.04
40097196		6.48			43.3	19.95	11.75	10.30	2.00	7.73	0.67	0.39	1.08	0.12	0.12	0.04
40097197		6.33			44.5	20.2	10.55	10.40	2.13	7.38	0.78	0.16	1.04	0.12	0.12	0.05
40097198		6.92			43.0	18.10	12.10	9.68	2.27	5.93	0.94	0.30	1.49	0.13	0.16	0.05
40097199		6.43			44.1	19.20	12.45	9.65	2.13	6.13	1.09	0.24	1.36	0.13	0.13	0.06
40097199 CRD		<0.02			44.7	19.60	12.45	9.84	2.16	6.07	1.12	0.24	1.32	0.13	0.13	0.06
40097200		0.11			38.0	5.69	15.95	10.30	0.65	23.2	0.23	0.26	0.42	0.15	0.05	0.01
40097201		6.13			42.7	17.45	11.15	10.75	1.25	7.99	1.22	0.05	1.21	0.13	0.13	0.07
40097202		6.36			41.8	17.65	9.57	12.05	0.99	8.65	0.86	0.03	1.01	0.12	0.12	0.04
40097203		6.99			41.7	15.65	12.15	11.95	1.15	8.16	0.73	0.03	1.44	0.14	0.15	0.03
40097204		6.80			43.9	19.55	12.10	9.67	2.07	5.54	1.23	0.04	1.29	0.12	0.15	0.03
40097205		6.92			42.1	19.00	13.40	9.47	1.78	6.21	1.15	0.03	1.06	0.12	0.11	0.06
40097206		6.02			43.8	19.15	9.43	11.65	1.22	6.50	1.67	0.02	1.08	0.11	0.12	0.06
40097207		6.42			38.8	16.20	9.51	19.90	0.33	5.77	0.33	0.02	1.03	0.11	0.14	0.01
40097208		6.64			40.1	17.65	9.35	15.90	0.56	7.50	0.48	0.02	0.96	0.12	0.11	0.02
40097209		3.25			41.5	17.90	13.65	10.20	1.32	7.40	1.25	0.02	1.01	0.13	0.11	0.05
40097210		2.84			42.0	18.25	14.85	8.98	1.66	6.53	1.49	0.02	1.17	0.13	0.12	0.06
40097211		6.88			43.1	17.45	14.95	8.60	1.91	7.50	1.15	0.03	1.53	0.15	0.14	0.05
40097212		6.07			44.4	18.00	13.15	8.94	1.92	8.04	1.12	0.03	1.27	0.14	0.13	0.04
40097213		2.25			38.3	15.00	21.9	7.23	1.81	6.74	0.72	0.03	1.37	0.13	0.13	0.03
40097214		6.72			42.8	17.30	15.60	7.71	2.03	7.61	1.23	0.03	1.24	0.15	0.14	0.05

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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To: RIO TINTO EXPLORATION CANADA INC.
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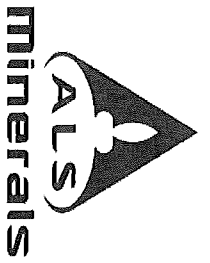
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Table with columns: Sample Description, Method Analyte Units, LOR, ME-ICP06 BaO %, C-IR07 C %, S-IR08 S %, ME-MS81 Ba ppm, ME-MS81 Ce ppm, ME-MS81 Cr ppm, ME-MS81 Cs ppm, ME-MS81 Dy ppm, ME-MS81 Er ppm, ME-MS81 Eu ppm, ME-MS81 Ga ppm, ME-MS81 Gd ppm, ME-MS81 Hf ppm, ME-MS81 Ho ppm, ME-MS81 La ppm. Rows include sample IDs like 40097177, 40097178, 40097179, 40097180, 40097181, 40097182, 40097183, 40097184, 40097185, 40097186, 40097187, 40097188, 40097189, 40097190, 40097191, 40097192, 40097193, 40097194, 40097195, 40097196, 40097197, 40097198, 40097199, 40097199 CRD, 40097200, 40097201, 40097202, 40097203, 40097204, 40097205, 40097206, 40097207, 40097208, 40097209, 40097210, 40097211, 40097212, 40097213, 40097214.

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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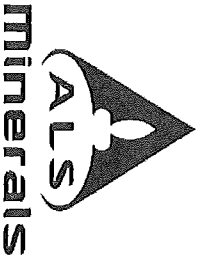
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Project: EB80002217
CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097177		0.32	8.4	15.2	3.61	10.2	3.98	1	229	0.5	0.69	1.25	<0.5	0.30	0.51	105
40097178		0.24	5.9	12.6	2.71	8.6	2.99	1	257	0.4	0.52	0.98	<0.5	0.22	0.22	120
40097179		0.31	7.4	15.0	3.36	9.4	3.71	1	268	0.5	0.63	1.17	<0.5	0.29	0.27	149
40097179 CRD		0.29	7.4	14.2	3.25	9.4	3.53	1	266	0.5	0.57	1.05	<0.5	0.26	0.22	159
40097180		0.25	6.7	13.8	3.29	9.5	3.19	2	262	0.4	0.56	1.10	<0.5	0.28	0.23	144
40097181		0.32	9.7	17.7	4.22	10.0	4.36	1	262	0.6	0.73	1.31	<0.5	0.35	0.29	125
40097182		0.21	5.6	10.6	2.42	7.6	2.58	1	236	0.3	0.45	0.67	<0.5	0.19	0.15	167
40097183		0.27	8.3	14.4	3.51	11.3	3.85	1	272	0.5	0.59	1.07	<0.5	0.31	0.23	107
40097184		0.24	6.0	11.8	2.64	10.3	3.10	1	273	0.4	0.49	0.90	<0.5	0.24	0.20	129
40097185		0.43	13.2	23.7	5.58	19.9	5.93	2	311	0.8	1.01	1.84	<0.5	0.46	0.42	171
40097186		0.25	6.2	13.2	3.02	13.7	3.17	1	281	0.4	0.53	0.98	<0.5	0.24	0.21	155
40097187		0.25	7.2	15.5	3.41	21.3	3.87	1	355	0.5	0.62	1.08	<0.5	0.27	0.29	142
40097188		0.21	5.7	12.0	2.68	17.9	2.98	1	342	0.4	0.45	0.91	<0.5	0.23	0.17	127
40097189		0.33	9.0	18.6	4.19	28.9	4.89	2	401	0.6	0.74	1.29	<0.5	0.34	0.30	146
40097190		0.35	8.8	26.3	6.42	31.5	5.84	1	324	0.6	0.80	5.99	<0.5	0.37	0.96	182
40097191		0.22	5.9	11.4	2.62	27.8	2.88	1	383	0.4	0.42	0.86	0.5	0.20	0.19	124
40097192		0.23	6.0	12.7	2.92	33.0	3.04	2	380	0.4	0.50	0.90	0.7	0.26	0.21	136
40097193		0.23	6.5	12.2	2.89	15.7	2.72	1	293	0.4	0.55	0.96	1.1	0.25	0.20	127
40097194		0.27	6.9	13.9	3.08	20.7	3.53	1	289	0.5	0.60	1.00	1.7	0.23	0.20	127
40097195		0.27	7.3	14.0	3.33	26.4	3.81	1	366	0.4	0.61	1.04	0.6	0.25	0.23	149
40097196		0.21	5.5	11.0	2.60	20.3	2.58	1	347	0.4	0.46	0.81	0.7	0.19	0.18	115
40097197		0.23	5.9	11.6	2.61	26.0	2.84	1	382	0.4	0.49	0.86	0.6	0.22	0.20	128
40097198		0.32	8.4	17.2	3.83	33.1	4.11	2	417	0.5	0.66	1.31	0.6	0.30	0.31	197
40097199		0.27	6.8	13.6	2.93	37.2	3.29	1	491	0.4	0.49	0.89	0.5	0.23	0.21	191
40097199 CRD		0.22	6.8	12.9	2.87	37.7	3.09	1	497	0.5	0.52	1.01	0.5	0.27	0.24	182
40097200		0.09	2.2	5.3	1.28	5.9	1.17	2	108.5	0.2	0.22	0.88	<0.5	0.08	0.18	89
40097201		0.27	7.1	13.3	2.99	42.3	2.90	1	589	0.5	0.54	0.98	1.2	0.24	0.22	141
40097202		0.23	6.2	12.5	2.92	32.3	3.12	1	353	0.4	0.52	1.01	1.3	0.27	0.28	127
40097203		0.32	8.7	15.1	3.47	27.3	3.85	1	316	0.5	0.65	0.98	0.6	0.36	0.21	195
40097204		0.31	8.3	14.6	3.45	46.8	3.72	2	583	0.7	0.64	1.11	0.7	0.31	0.24	182
40097205		0.22	5.7	10.9	2.53	44.5	2.77	2	523	0.4	0.49	0.84	1.4	0.25	0.22	143
40097206		0.21	6.4	11.5	2.69	63.3	2.98	1	563	0.5	0.48	0.89	1.0	0.23	0.22	133
40097207		0.25	7.1	13.5	3.20	11.8	3.51	1	113.5	0.5	0.57	1.04	1.8	0.27	0.24	141
40097208		0.22	6.1	11.0	2.61	17.3	2.87	1	162.5	0.4	0.45	0.85	<0.5	0.21	0.23	126
40097209		0.21	5.5	11.0	2.57	46.1	2.64	1	498	0.4	0.49	0.84	0.8	0.20	0.20	135
40097210		0.23	6.7	12.2	2.78	52.9	2.93	2	579	0.5	0.52	0.96	1.0	0.25	0.22	156
40097211		0.28	8.1	14.4	3.48	38.9	3.75	1	464	0.6	0.59	1.13	0.8	0.30	0.26	194
40097212		0.24	7.1	12.3	2.89	38.5	2.95	1	395	0.4	0.57	1.10	0.5	0.26	0.24	150
40097213		0.25	7.2	12.3	2.86	27.7	2.97	3	299	0.4	0.55	0.94	1.1	0.24	0.23	153
40097214		0.25	6.3	13.3	3.17	44.3	3.34	2	428	0.4	0.56	1.08	0.9	0.26	0.27	154

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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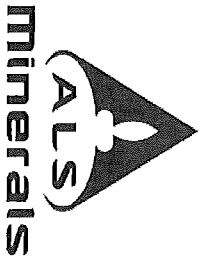
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097177	2	20.4	1.99	106	0.2	0.24	0.010	0.05	0.05	3.0	0.20	1.63	98.33	0.5	<5	<0.5
40097178	1	15.5	1.40	107	0.5	0.19	0.005	0.07	0.07	2.5	0.23	2.20	98.52	0.7	<5	<0.5
40097179	1	19.0	1.66	98	0.2	0.04	0.005	<0.05	<0.05	1.2	0.06	1.16	99.24	<0.5	<5	<0.5
40097179 CRD	<1	18.3	1.71	90	0.3	0.10	<0.005	0.07	0.07	1.1	0.07	1.14	99.85	<0.5	<5	<0.5
40097180	3	17.3	1.79	87	0.3	0.08	<0.005	<0.05	<0.05	1.5	0.05	1.05	99.69	<0.5	<5	<0.5
40097181	1	22.9	2.18	123	0.3	0.04	<0.005	0.05	0.05	1.0	0.03	1.55	99.92	<0.5	<5	<0.5
40097182	1	14.1	1.39	64	0.3	0.14	0.008	<0.05	<0.05	2.1	0.15	1.21	99.97	0.6	<5	<0.5
40097183	1	19.3	1.98	98	0.3	0.05	<0.005	0.05	0.05	1.4	0.05	1.52	100.03	<0.5	<5	<0.5
40097184	12	15.6	1.54	77	0.6	0.04	0.007	0.07	0.07	1.4	0.05	1.10	98.28	<0.5	<5	<0.5
40097185	2	30.9	3.05	160	7.6	0.08	<0.005	0.25	0.25	1.6	0.07	1.68	99.68	<0.5	<5	<0.5
40097186	1	16.8	1.61	82	0.2	0.09	<0.005	<0.05	<0.05	1.9	0.09	1.19	99.02	<0.5	<5	<0.5
40097187	19	18.8	1.79	95	0.5	0.06	<0.005	0.07	0.07	1.1	0.05	1.92	99.34	<0.5	<5	<0.5
40097188	2	14.7	1.45	70	0.9	0.04	0.008	0.05	0.05	0.7	0.05	2.49	98.72	<0.5	<5	0.5
40097189	4	22.3	1.89	111	0.3	0.10	0.005	0.07	0.07	2.2	0.09	2.73	99.65	<0.5	<5	<0.5
40097190	1	24.9	2.37	153	0.3	0.02	<0.005	<0.05	<0.05	0.7	<0.01	1.04	100.36	<0.5	<5	<0.5
40097191	1	14.2	1.27	67	0.7	0.43	0.006	0.20	0.20	4.9	0.23	2.90	99.14	1.1	<5	<0.5
40097192	<1	15.4	1.52	76	10.6	0.56	0.007	0.30	0.30	9.2	0.57	3.42	97.29	2.3	<5	<0.5
40097193	2	15.8	1.42	83	0.6	0.33	0.007	0.16	0.16	4.6	0.26	2.80	98.70	1.1	<5	<0.5
40097194	1	17.6	1.63	90	11.4	0.21	0.011	0.13	0.13	5.0	0.38	4.32	99.44	1.5	<5	<0.5
40097195	1	18.2	1.79	85	0.4	0.04	<0.005	<0.05	<0.05	1.1	0.03	4.11	99.95	<0.5	<5	<0.5
40097196	1	14.0	1.26	70	0.3	0.32	0.011	<0.05	<0.05	6.5	0.39	2.44	99.91	2.4	<5	<0.5
40097197	2	14.8	1.62	69	0.4	0.43	0.007	0.14	0.14	3.0	0.19	2.12	99.57	0.8	<5	<0.5
40097198	1	21.3	1.97	109	2.3	0.53	0.009	0.25	0.25	3.0	0.20	2.24	96.41	<0.5	<5	<0.5
40097199	1	16.6	1.73	78	4.2	0.60	<0.005	0.18	0.18	1.6	0.11	1.69	98.38	<0.5	<5	0.5
40097199 CRD	1	16.6	1.68	84	2.8	0.39	<0.005	0.12	0.12	1.7	0.11	1.69	99.53	<0.5	<5	0.6
40097200	1	6.7	0.59	28	9.0	1.05	0.008	0.22	0.22	10.4	2.27	8.82	97.30	2.2	<5	1.0
40097201	1	16.8	1.52	82	0.5	0.22	0.030	<0.05	<0.05	4.0	0.21	4.84	98.97	1.3	<5	0.5
40097202	<1	16.1	1.79	92	0.5	0.15	0.042	0.05	0.05	2.8	0.15	6.00	98.91	0.9	<5	<0.5
40097203	3	20.6	1.95	107	0.3	0.86	0.094	0.06	0.06	7.5	0.46	5.32	98.62	2.1	<5	<0.5
40097204	<1	19.8	1.93	116	1.2	0.49	0.025	0.10	0.10	6.6	0.40	2.29	98.03	2.2	<5	<0.5
40097205	<1	14.8	1.38	84	0.5	0.69	0.026	0.07	0.07	13.7	0.98	2.98	97.50	4.9	<5	0.9
40097206	2	14.6	1.55	85	1.5	0.09	0.007	0.17	0.17	1.8	0.09	5.03	99.89	0.8	<5	0.5
40097207	<1	17.3	1.76	104	9.9	0.37	0.017	0.35	0.35	2.1	0.13	6.74	98.90	0.8	<5	0.6
40097208	3	14.5	1.43	84	3.7	0.22	0.011	0.19	0.19	2.0	0.14	6.47	99.25	0.5	6	0.7
40097209	<1	14.3	1.46	82	6.7	0.65	0.013	0.26	0.26	4.9	0.25	3.68	98.25	2.0	5	0.9
40097210	<1	15.2	1.52	93	11.7	1.31	0.014	0.30	0.30	5.7	0.33	3.48	98.77	2.4	10	1.2
40097211	<1	18.8	2.04	113	5.3	0.29	0.009	0.17	0.17	3.2	0.10	2.66	99.25	0.8	<5	0.7
40097212	<1	16.8	1.51	87	3.5	0.29	0.011	0.13	0.13	1.3	0.06	2.95	100.16	<0.5	7	0.6
40097213	1	16.2	1.59	79	33.8	1.36	0.023	1.49	1.49	10.5	0.87	3.06	96.47	2.6	39	1.6
40097214	<1	17.2	1.79	103	17.3	1.11	0.012	0.76	0.76	3.7	0.31	3.65	99.58	1.4	17	1.1

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

**** See Appendix Page for comments regarding this certificate ****



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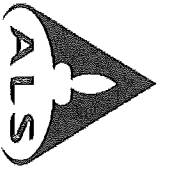
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097177		118	3190	20	<1	2360	<2	22	144	0.065	0.1170	0.746				
40097178		84	2990	30	<1	1700	<2	16	99	0.065	0.1425	0.566				
40097179		68	810	20	<1	768	<2	18	100	0.021	0.0500	0.269				
40097179 CRD		71	852	20	<1	797	<2	19	100	0.022	0.0458	0.278				
40097180		71	702	20	<1	993	<2	19	98	0.024	0.0309	0.268				
40097181		62	586	20	<1	585	<2	23	101	0.023	0.0245	0.147				
40097182		98	2170	20	<1	1650	<2	19	157	0.051	0.0905	0.609				
40097183		67	890	20	<1	750	<2	20	110	0.022	0.0451	0.272				
40097184		71	661	30	<1	687	<2	19	138	0.018	0.0261	0.219				
40097185		60	910	30	<1	694	4	26	132	0.027	0.0595	0.364				
40097186		90	1580	30	<1	1200	<2	20	171	0.043	0.0805	0.526				
40097187		63	903	30	<1	722	2	18	86	0.019	0.0272	0.167				
40097188		49	616	40	<1	515	4	13	84	0.022	0.0673	0.262				
40097189		51	1290	50	<1	769	<2	19	97	0.046	0.276	0.620				
40097190		38	53	10	<1	54	3	26	75	0.001	0.0010	0.002				
40097191		88	4870	50	<1	2540	<2	15	90	0.152	0.267	>1.00				0.10
40097192		144	>10000	40	<1	5900	<2	15	83	0.285	0.456	>1.00				0.23
40097193		96	5010	40	<1	2820	<2	17	98	0.087	0.175	0.881	1.205			0.38
40097194		91	5460	80	<1	2700	<2	20	106	0.120	0.150	>1.00				0.14
40097195		54	610	60	1	632	<2	19	78	0.010	0.0203	0.183				0.14
40097196		100	7780	40	<1	3860	3	15	89	0.149	0.161	>1.00				0.15
40097197		70	3360	40	<1	1855	<2	13	75	0.065	0.0992	0.786				0.17
40097198		75	3160	40	<1	1595	2	21	102	0.097	0.121	>1.00				0.13
40097199		80	1510	40	<1	897	4	18	105	0.043	0.0788	0.373				0.08
40097199 CRD		77	1520	40	<1	885	8	16	99	0.044	0.0685	0.326				0.14
40097200		206	5120	20	1	7340	16	15	78	0.177	0.432	0.245				0.15
40097201		74	3830	110	<1	2080	<2	16	85	0.105	0.161	>1.00				0.21
40097202		63	2810	110	<1	1455	<2	14	72	0.059	0.0762	0.699				0.10
40097203		97	9550	90	<1	4470	<2	23	101	0.198	0.195	>1.00				0.18
40097204		97	8110	40	<1	3740	4	17	90	0.152	0.239	>1.00				0.13
40097205		118	>10000	50	<1	5350	3	14	94	0.340	>1.00	>1.00	1.455			0.34
40097206		52	1640	90	<1	818	5	12	75	0.056	0.112	0.618				1.80
40097207		72	2980	70	<1	1430	10	14	104	0.047	0.0710	0.455				0.29
40097208		51	2270	70	<1	969	4	12	89	0.054	0.128	0.486				0.19
40097209		122	5140	70	<1	2710	10	14	93	0.118	0.151	>1.00				0.45
40097210		146	5800	60	1	3480	9	13	97	0.141	0.243	>1.00				0.11
40097211		143	2770	50	<1	2030	9	18	112	0.040	0.105	0.423				0.14
40097212		84	1480	50	<1	876	<2	88	88	0.025	0.0637	0.239				0.29
40097213		299	>10000	30	2	5490	7	18	160	0.222	0.417	>1.00	1.265			0.64
40097214		145	4810	50	<1	2360	20	18	124	0.091	0.235	0.765				0.29

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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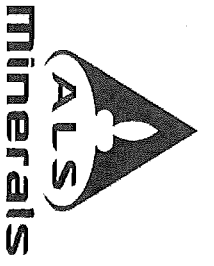
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 AS % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40097177																
40097178																
40097179																
40097179 CRD																
40097180																
40097181																
40097182																
40097183																
40097184																
40097185																
40097186																
40097187																
40097188																
40097189																
40097190																
40097191		1.03														
40097192		2.82														
40097193																
40097194		1.45														
40097195																
40097196		1.89														
40097197																
40097198		0.90														
40097199																
40097199 CRD																
40097200																
40097201		1.04														
40097202																
40097203		2.11														
40097204		1.89														
40097205		2.85														
40097206																
40097207																
40097208																
40097209		1.10														
40097210		1.33														
40097211																
40097212																
40097213		2.59														
40097214																

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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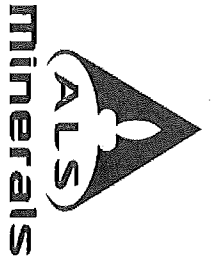
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CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40097177				
40097178				
40097179				
40097179 CRD				
40097180				
40097181				
40097182				
40097183				
40097184				
40097185				
40097186				
40097187				
40097188				
40097189				
40097190				
40097191				
40097192				
40097193				
40097194				
40097195				
40097196				
40097197				
40097198				
40097199				
40097199 CRD				
40097200				
40097201				
40097202				
40097203				
40097204				
40097205				
40097206				
40097207				
40097208				
40097209				
40097210				
40097211				
40097212				
40097213				
40097214				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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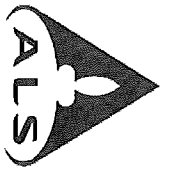
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097215		0.11			21.8	1.32	38.7	1.41	0.16	19.60	0.08	0.26	0.14	0.12	0.02	<0.01
40097216		2.67			28.1	9.63	39.7	5.18	1.15	4.73	0.68	0.02	1.14	0.15	0.12	0.02
40097217		0.57			53.7	13.65	12.90	8.13	2.78	5.40	1.24	0.02	1.52	0.17	0.20	0.03
40097218		6.50			45.0	17.30	14.70	7.66	2.22	6.65	1.39	0.03	1.42	0.14	0.16	0.05
40097219		7.16			39.2	14.95	24.4	7.21	2.08	5.49	0.84	0.02	1.42	0.14	0.11	0.04
40097219 CRD		<0.02			39.1	14.95	25.1	7.18	2.07	5.51	0.80	0.02	1.44	0.14	0.10	0.03
40097220		0.40			51.4	13.80	14.55	8.30	2.75	5.22	1.10	<0.01	1.79	0.18	0.17	0.04
40097221		5.15			45.3	18.10	13.10	8.39	2.21	6.78	1.40	0.03	1.60	0.15	0.18	0.06
40097222		3.57			46.6	17.95	11.35	8.04	2.16	7.72	1.51	0.02	1.35	0.13	0.16	0.06
40097223		5.29			44.5	18.90	10.65	9.52	2.33	6.38	1.16	0.02	1.35	0.13	0.14	0.06
40097224		5.29			46.5	19.35	10.70	9.01	2.02	7.06	1.45	0.03	1.28	0.12	0.13	0.07
40097225		5.06			46.0	19.70	10.90	9.79	2.10	5.62	1.51	0.02	1.50	0.13	0.16	0.07
40097226		5.12			45.2	17.90	12.80	9.19	1.95	6.70	1.48	0.03	1.63	0.15	0.19	0.08
40097227		5.11			42.5	17.40	11.05	9.18	1.88	7.25	1.21	0.03	1.31	0.13	0.16	0.07
40097228		5.29			46.2	19.20	11.05	9.25	2.18	7.09	1.22	0.03	1.36	0.13	0.17	0.06
40097229		5.34			45.5	19.10	11.00	9.09	2.07	7.06	1.37	0.03	1.35	0.13	0.17	0.07
40097230		0.11			38.0	5.72	15.95	3.81	0.65	23.9	0.25	0.27	0.42	0.14	0.04	0.01
40097231		4.90			43.7	17.40	10.65	8.67	1.25	8.42	2.10	0.03	1.24	0.14	0.14	0.11
40097232		5.23			45.6	17.55	12.00	8.12	1.62	7.16	2.54	0.03	1.68	0.15	0.19	0.11
40097233		5.56			45.4	18.70	11.75	8.66	2.11	5.99	1.66	0.03	1.65	0.15	0.20	0.07
40097234		4.70			42.4	17.10	10.95	10.10	0.71	8.47	2.14	0.03	1.17	0.14	0.15	0.08
40097235		5.47			46.0	18.30	12.75	7.69	2.06	8.01	1.85	0.03	1.29	0.14	0.16	0.07
40097236		5.11			46.6	18.00	11.25	7.74	2.10	7.58	2.05	0.03	1.41	0.15	0.14	0.07
40097237		5.30			44.7	15.55	11.95	7.18	1.34	7.68	3.06	0.03	1.67	0.17	0.19	0.06
40097238		5.03			44.9	15.75	12.15	6.09	1.20	7.70	3.77	0.03	1.55	0.18	0.16	0.06
40097239		2.59			45.2	17.20	13.05	7.21	1.99	6.58	2.19	0.03	1.64	0.17	0.19	0.06
40097239 CRD		<0.02			46.1	17.50	13.35	7.16	1.94	6.93	2.43	0.03	1.68	0.18	0.18	0.06
40097240		2.39			46.2	16.85	12.35	6.53	1.67	7.06	3.25	0.03	1.62	0.18	0.19	0.06
40097241		4.99			46.3	17.45	12.65	8.02	2.27	6.56	1.76	0.03	1.76	0.16	0.20	0.06
40097242		5.64	80.8	88.0	45.6	17.60	-12.45	7.36	2.15	6.65	2.11	0.02	1.55	0.15	0.18	0.07
40097243		5.19			45.1	16.90	11.65	7.34	1.71	6.91	2.51	0.02	1.57	0.15	0.19	0.06
40097244		5.20			45.0	16.75	12.40	7.80	1.69	6.35	2.59	0.02	1.84	0.16	0.20	0.07
40097245		4.89			44.7	17.55	13.25	7.21	1.97	6.50	2.10	0.03	1.56	0.15	0.20	0.08
40097246		5.51			44.7	17.50	14.35	7.34	2.03	6.89	1.81	0.03	1.46	0.14	0.17	0.08
40097247		5.34			46.4	17.40	13.20	8.21	2.18	6.41	1.93	0.03	1.74	0.16	0.20	0.08
40097248		5.43			45.4	16.95	13.65	8.58	2.13	6.66	1.54	0.03	1.77	0.16	0.19	0.07
40097249		5.34			45.8	16.95	12.75	8.15	2.25	6.82	1.51	0.03	1.73	0.16	0.20	0.07
40097250		0.58			45.2	16.95	12.75	8.15	2.25	6.82	1.51	0.03	1.73	0.16	0.20	0.07
40097251		5.12			44.9	16.05	13.35	7.66	1.94	7.46	1.89	<0.01	1.72	0.16	0.19	0.04
40097252		5.33			47.5	17.15	13.65	8.44	2.42	7.21	1.41	0.03	1.84	0.17	0.20	0.08

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

**** See Appendix Page for comments regarding this certificate ****



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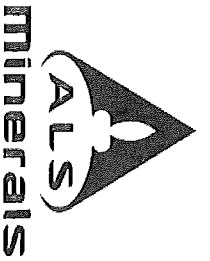
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Plus Appendix Pages
Finalized Date: 7-AUG-2014
Account: KAV

Project: EB80002217
CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MSB1 Ba ppm 0.5	ME-MSB1 Ce ppm 0.5	ME-MSB1 Cr ppm 10	ME-MSB1 Cs ppm 0.01	ME-MSB1 Dy ppm 0.05	ME-MSB1 Er ppm 0.03	ME-MSB1 Eu ppm 0.03	ME-MSB1 Ga ppm 0.1	ME-MSB1 Gd ppm 0.05	ME-MSB1 Hf ppm 0.2	ME-MSB1 Ho ppm 0.01	ME-MSB1 La ppm 0.5
40097215		<0.01	0.09	14.85	22.6	2.8	2100	0.06	0.41	0.24	0.12	3.0	0.42	0.2	0.08	1.4
40097216		0.02	0.02	12.60	210	15.3	190	2.08	2.78	1.50	0.92	14.3	2.86	1.9	0.58	6.9
40097217		0.05	0.15	0.17	413	55.8	130	0.80	5.44	3.00	1.76	21.4	5.51	4.2	1.08	28.4
40097218		0.04	0.04	1.40	338	32.1	230	3.79	4.40	2.32	1.37	21.7	4.13	3.5	0.85	14.7
40097219		0.02	0.01	5.13	186.0	23.8	190	2.66	3.18	1.80	1.21	18.7	3.09	2.5	0.70	11.0
40097219 CRD																
40097220		0.02	0.03	5.40	186.0	21.7	180	2.59	3.21	1.75	1.20	18.9	3.04	2.5	0.65	10.0
40097222		0.06	0.13	0.22	422	42.9	10	0.88	4.78	2.66	1.53	22.1	4.96	3.6	0.96	21.4
40097221		0.03	0.01	0.78	251	30.5	190	3.01	3.89	2.19	1.36	20.3	4.43	2.9	0.82	14.0
40097222		0.03	0.02	0.44	279	31.7	180	2.35	4.26	2.39	1.35	20.8	4.19	3.4	0.89	14.3
40097223		0.02	0.02	0.32	206	25.7	160	1.81	3.76	2.08	1.35	20.2	3.56	3.8	0.74	11.4
40097224		0.02	0.03	0.29	205	23.8	200	3.07	3.25	1.83	1.26	20.9	3.18	2.6	0.64	11.0
40097225		0.02	0.02	0.59	226	30.7	170	2.62	4.24	2.11	1.36	22.1	4.08	3.3	0.84	14.0
40097226		0.02	0.06	0.69	237	35.2	200	3.19	4.74	2.69	1.51	22.5	5.17	4.1	0.96	15.6
40097227		0.02	0.02	0.20	213	28.0	210	3.10	3.97	2.14	1.24	20.5	3.96	3.0	0.78	12.6
40097228		0.03	0.01	0.17	260	28.6	230	2.83	3.96	2.33	1.42	22.1	4.21	3.3	0.83	12.8
40097229		0.03	0.02	0.26	301	28.4	220	3.28	4.08	2.15	1.37	21.9	4.12	3.1	0.84	12.8
40097230		0.01	0.15	2.58	94.7	9.8	2010	0.81	1.20	0.67	0.36	7.8	1.52	0.8	0.27	4.6
40097231		0.08	0.04	0.10	712	25.9	200	3.95	3.72	2.04	1.22	18.9	3.67	2.9	0.78	11.6
40097232		0.09	0.03	0.14	825	32.9	230	3.12	4.55	2.58	1.40	20.6	4.64	3.7	0.91	14.6
40097233		0.05	0.02	0.27	513	34.1	250	3.59	4.41	2.58	1.57	23.9	5.02	3.8	0.98	15.5
40097234		0.13	0.05	0.29	1285	26.1	200	3.99	3.45	2.03	1.26	18.4	3.63	2.8	0.74	11.6
40097235		0.06	0.01	0.69	547	27.4	240	3.61	3.70	2.12	1.29	19.3	4.09	2.8	0.74	13.1
40097236		0.09	0.02	0.45	824	27.3	230	3.65	3.43	2.02	1.25	19.9	3.78	2.6	0.74	12.8
40097237		0.20	0.08	0.34	1855	34.6	230	3.31	4.80	2.43	1.60	19.0	4.53	3.6	0.91	16.3
40097238		0.27	0.08	0.39	2500	30.3	210	3.80	4.40	2.22	1.24	18.1	4.51	3.2	0.81	14.1
40097239		0.13	0.03	0.56	1235	33.6	220	3.72	4.86	2.70	1.58	21.7	4.78	3.4	0.90	15.7
40097239 CRD																
40097240		0.15	0.02	0.59	1415	34.3	220	3.81	4.75	2.61	1.52	21.3	4.63	3.7	0.96	15.8
40097240		0.23	0.02	0.32	2160	33.8	210	3.85	4.88	2.73	1.44	20.1	4.86	3.5	0.93	15.5
40097241		0.07	0.03	0.22	658	35.3	220	3.73	5.17	2.71	1.70	21.3	4.88	4.0	1.00	16.1
40097242		0.09	0.02	0.29	887	33.7	170	3.33	4.56	2.56	1.52	22.1	4.67	3.5	0.86	15.6
40097243		0.19	<0.01	0.35	1780	37.2	190	3.58	4.73	2.69	1.53	20.3	4.77	3.6	0.92	17.2
40097244		0.20	0.02	0.36	1890	34.5	180	3.51	4.94	2.48	1.61	21.1	4.81	3.6	0.99	15.9
40097245		0.12	0.02	0.81	1115	35.3	220	4.11	4.67	2.77	1.52	21.6	4.79	3.7	0.93	16.1
40097246		0.07	0.02	1.48	628	32.3	260	3.93	4.21	2.48	1.46	21.2	4.66	3.1	0.83	15.2
40097247		0.06	0.01	0.26	532	36.5	240	3.09	5.13	2.88	1.55	22.5	5.13	3.8	1.00	16.7
40097248		0.04	0.01	0.64	340	35.8	220	3.65	4.90	2.94	1.66	21.6	5.06	3.8	0.98	16.4
40097249		0.05	0.02	0.23	470	35.4	210	3.28	4.86	2.54	1.64	21.7	4.84	3.6	0.98	16.2
40097250		0.04	0.15	0.20	401	45.7	30	4.62	4.88	2.63	1.69	23.0	4.92	3.5	0.86	23.1
40097251		0.07	0.02	0.43	662	34.6	200	2.87	4.88	2.63	1.63	20.0	5.15	3.5	0.94	16.1
40097252		0.05	0.02	0.09	488	38.3	230	2.65	4.84	2.93	1.57	21.7	5.37	3.6	1.03	17.4

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**



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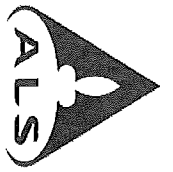
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pt ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm								
40097215	0.03	0.3	1.8	0.38	1.8	0.54	2.17	0.1	0.07	0.24	<0.5	0.04	<0.05	48									
40097216	0.20	4.1	9.3	2.14	23.7	2.59	2.17	0.4	0.48	0.74	1.7	0.21	0.15	262									
40097217	0.39	11.1	26.0	6.68	32.5	5.94	329	0.6	0.92	5.84	<0.5	0.38	0.99	301									
40097218	0.31	8.7	17.7	4.19	51.6	4.44	444	0.6	0.71	1.63	0.7	0.32	0.59	173									
40097219	0.26	6.4	13.4	3.13	26.1	3.30	321	0.5	0.56	1.22	0.7	0.25	0.35	188									
40097219 CRD	0.23	6.6	12.8	2.89	24.9	3.33	313	0.5	0.52	1.11	0.7	0.25	0.34	187									
40097220	0.35	11.7	21.3	5.36	28.2	4.57	354	0.6	0.79	4.22	<0.5	0.35	0.77	407									
40097221	0.32	9.6	17.5	3.96	46.5	3.83	513	0.5	0.74	1.54	0.6	0.30	0.33	172									
40097222	0.32	8.9	18.1	4.20	49.7	4.42	516	0.6	0.72	1.78	0.7	0.34	0.28	146									
40097223	0.27	8.8	14.7	3.47	34.6	3.85	489	0.5	0.55	1.12	<0.5	0.30	0.28	140									
40097224	0.23	7.4	13.6	3.23	45.5	3.35	624	0.5	0.55	1.35	1.2	0.27	0.41	145									
40097225	0.32	8.8	17.2	4.07	46.3	4.21	650	0.6	0.65	1.35	0.8	0.34	0.34	157									
40097226	0.38	10.6	19.7	4.70	47.4	5.08	729	0.7	0.80	1.63	0.9	0.40	0.39	176									
40097227	0.29	8.1	15.4	3.75	37.9	4.01	582	0.5	0.67	1.19	0.9	0.34	0.30	141									
40097228	0.32	8.7	16.7	3.90	38.5	4.15	549	0.5	0.64	1.22	1.0	0.32	0.29	154									
40097229	0.29	8.5	16.1	3.81	46.3	3.83	580	0.6	0.60	1.31	0.8	0.32	0.29	147									
40097230	0.10	2.2	5.4	1.25	6.5	1.06	112.5	0.1	0.22	0.90	<0.5	0.08	0.21	98									
40097231	0.29	7.8	15.0	3.43	70.5	3.74	979	0.5	0.75	1.12	0.7	0.28	0.24	131									
40097232	0.35	10.1	18.4	4.34	82.2	4.56	927	0.7	0.76	1.38	1.2	0.36	0.32	173									
40097233	0.38	10.5	19.5	4.56	58.2	5.16	598	0.6	0.80	1.48	1.5	0.37	0.32	180									
40097234	0.26	7.1	14.6	3.44	74.2	3.65	645	0.5	0.56	1.11	1.1	0.29	0.29	131									
40097235	0.31	8.3	16.0	3.75	67.2	3.72	620	0.4	0.58	1.33	1.4	0.33	0.27	147									
40097236	0.28	7.8	15.2	3.59	75.1	3.69	591	0.4	0.58	1.42	1.2	0.31	0.31	175									
40097237	0.36	10.4	20.0	4.50	96.1	4.55	508	0.5	0.74	1.49	1.9	0.37	0.39	196									
40097238	0.31	9.5	17.4	3.95	120.5	3.95	566	0.5	0.66	1.36	2.2	0.33	0.33	187									
40097239	0.32	10.4	19.1	4.52	78.8	4.59	495	0.5	0.72	1.63	2.2	0.37	0.33	197									
40097239 CRD	0.36	10.8	19.9	4.44	86.6	4.56	515	0.5	0.75	1.55	2.3	0.39	0.36	195									
40097240	0.35	10.3	19.1	4.53	108.5	4.48	557	0.6	0.75	1.55	1.8	0.40	0.36	190									
40097241	0.33	11.2	20.3	4.73	68.2	4.62	527	0.6	0.79	1.86	0.9	0.37	0.40	206									
40097242	0.32	10.3	19.2	4.39	76.3	4.34	639	0.6	0.74	1.57	1.1	0.40	0.38	183									
40097243	0.37	10.5	21.1	4.66	87.7	4.61	465	0.5	0.76	1.94	1.5	0.31	0.45	176									
40097244	0.40	10.6	19.8	4.60	86.4	5.14	603	0.6	0.81	1.60	1.9	0.38	0.43	214									
40097245	0.32	10.5	18.8	4.55	73.0	4.79	694	0.6	0.75	1.53	2.3	0.33	0.34	177									
40097246	0.36	9.6	17.9	4.21	64.5	4.52	697	0.5	0.75	1.32	2.3	0.35	0.34	169									
40097247	0.42	11.0	21.4	4.75	65.1	5.29	666	0.6	0.82	1.71	1.2	0.42	0.36	211									
40097248	0.38	10.8	20.7	4.74	49.9	4.62	611	0.5	0.75	1.61	0.8	0.40	0.37	210									
40097249	0.36	11.1	20.7	4.56	49.3	4.86	589	0.5	0.84	1.62	1.3	0.39	0.39	194									
40097250	0.33	12.6	22.5	5.59	26.6	5.04	328	0.6	0.81	3.84	<0.5	0.37	0.67	503									
40097251	0.35	11.1	19.4	4.58	59.3	4.73	715	0.6	0.80	1.73	1.3	0.36	0.35	193									
40097252	0.34	11.5	21.5	5.07	43.6	5.03	536	0.6	0.87	1.70	0.8	0.41	0.35	218									

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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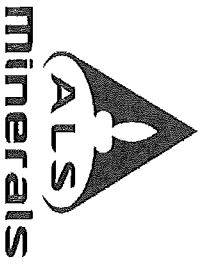
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097215	<1	2.1	0.20	10	3.5	0.81	<0.005	0.22	48.0	3.34	10.90	94.51	2.7	<5	1.2	
40097216	<1	14.3	1.44	66	19.2	0.65	0.019	0.42	17.5	0.30	6.32	96.96	1.5	19	1.7	
40097217	2	28.2	2.35	165	0.5	0.02	<0.005	0.06	0.5	<0.01	1.42	101.21	<0.5	<5	0.6	
40097218	<1	20.9	2.16	131	13.5	0.38	0.013	0.54	2.5	0.08	2.60	99.36	<0.5	12	0.5	
40097219	<1	16.1	1.63	90	34.3	1.72	0.009	0.82	7.7	0.27	2.34	98.26	1.7	30	1.7	
40097219 CRD	<1	15.8	1.64	91	34.0	1.44	0.013	0.86	7.2	0.27	2.44	98.90	1.7	39	1.5	
40097220	4	24.7	2.33	135	1.2	0.09	0.005	0.08	0.4	<0.01	1.20	100.55	<0.5	<5	0.6	
40097221	1	21.9	2.08	109	14.5	0.87	0.008	<0.05	1.8	0.15	1.96	99.29	1.0	8	0.7	
40097222	<1	20.8	2.21	126	1.3	0.16	0.015	0.12	2.3	0.08	1.92	99.00	0.9	<5	<0.5	
40097223	5	17.4	1.81	144	0.6	0.15	0.005	0.05	1.9	0.08	1.24	96.40	0.7	<5	<0.5	
40097224	1	15.7	1.64	92	2.2	0.14	0.006	0.13	1.1	0.04	3.07	100.81	<0.5	<5	<0.5	
40097225	<1	20.0	2.20	124	2.3	0.20	0.007	0.11	2.0	0.09	2.42	99.94	0.9	6	<0.5	
40097226	<1	24.3	2.49	144	1.1	0.20	0.008	0.08	3.2	0.14	3.16	100.48	1.4	<5	0.7	
40097227	<1	19.0	2.00	113	0.8	0.05	0.010	0.05	0.8	0.03	2.98	95.17	<0.5	<5	<0.5	
40097228	<1	19.8	1.99	118	0.5	0.07	0.009	0.05	1.1	0.04	2.46	100.43	<0.5	<5	<0.5	
40097229	2	19.5	2.13	116	0.4	0.06	0.005	<0.05	1.1	0.04	2.17	99.14	<0.5	<5	0.5	
40097230	<1	6.7	0.62	31	8.2	1.00	<0.005	0.23	10.9	2.33	8.89	98.06	2.5	9	1.0	
40097231	<1	18.1	1.79	107	0.4	0.02	0.011	<0.05	0.2	<0.01	5.53	99.46	<0.5	<5	<0.5	
40097232	<1	22.6	2.30	140	0.3	0.04	0.008	<0.05	1.0	0.02	3.11	99.95	<0.5	<5	0.5	
40097233	<1	23.7	2.42	141	0.5	0.04	0.008	0.06	1.0	0.01	2.42	98.84	<0.5	<5	<0.5	
40097234	<1	17.6	1.89	100	0.6	0.10	0.013	0.05	1.3	0.04	6.29	99.66	<0.5	<5	<0.5	
40097235	2	19.5	1.85	112	0.4	0.29	0.011	0.06	1.9	0.07	2.00	100.41	1.0	<5	<0.5	
40097236	1	19.5	1.71	100	0.5	0.14	0.014	0.08	1.7	0.06	2.38	100.59	0.8	<5	<0.5	
40097237	2	24.2	2.19	135	0.8	0.10	0.045	0.12	1.6	0.04	5.36	99.14	<0.5	<5	<0.5	
40097238	2	21.4	1.93	117	1.2	0.12	0.070	0.20	1.5	0.06	4.90	98.71	0.7	<5	0.6	
40097239	2	24.0	2.33	132	0.5	0.37	0.032	0.11	2.0	0.08	3.64	99.28	0.6	<5	<0.5	
40097239 CRD	1	24.2	2.34	134	0.4	0.24	0.031	0.11	1.7	0.07	3.87	101.56	0.5	<5	<0.5	
40097240	2	24.4	2.54	131	0.8	0.10	0.035	0.11	1.7	0.03	4.21	100.43	<0.5	<5	<0.5	
40097241	4	25.3	2.48	142	0.5	0.05	0.018	<0.05	1.3	0.02	1.64	99.02	<0.5	<5	<0.5	
40097242	2	24.1	2.17	129	0.5	0.13	0.017	0.11	1.7	0.05	2.05	98.03	<0.5	<5	<0.5	
40097243	1	24.7	2.48	139	0.8	0.06	0.024	0.10	1.2	0.02	3.88	98.18	<0.5	<5	<0.5	
40097244	1	24.6	2.42	138	0.9	0.17	0.033	0.10	1.6	0.05	3.58	98.65	<0.5	<5	<0.5	
40097245	1	24.2	2.28	141	0.6	0.22	0.030	0.19	2.0	0.08	3.58	99.00	0.9	<5	<0.5	
40097246	1	22.8	2.30	116	1.1	0.26	0.025	0.08	3.8	0.17	3.39	99.96	1.6	<5	0.6	
40097247	3	25.9	2.76	140	0.5	0.07	0.015	0.05	0.9	0.04	2.12	100.12	<0.5	<5	<0.5	
40097248	2	25.5	2.55	137	0.6	0.19	0.009	0.06	2.2	0.08	1.79	98.96	0.7	<5	<0.5	
40097249	1	25.3	2.26	142	0.7	0.11	0.012	0.12	1.2	0.04	2.23	98.70	<0.5	<5	<0.5	
40097250	1	24.0	2.40	126	0.4	0.02	<0.005	<0.05	0.5	<0.01	1.33	99.08	<0.5	<5	<0.5	
40097251	1	25.6	2.60	143	0.7	0.17	0.013	0.10	2.1	0.06	2.90	98.40	0.6	<5	<0.5	
40097252	2	26.7	2.52	142	0.5	0.02	0.015	<0.05	0.9	0.01	1.49	101.62	<0.5	<5	<0.5	

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
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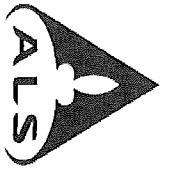
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pd ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097215		866	>10000	<10	2	>10000		17	7	95	0.122	0.360	0.264	1.325		
40097216		711	>10000	40	11	9580	12	20	20	154	0.064	0.0757	0.767	1.050		
40097217		45	71	10	<1	57	7	27	108	0.001	<0.0005	0.001				
40097218		115	1720	50	<1	1195	9	20	20	120	0.032	0.0468	0.246			
40097219		327	5510	30	3	3710	13	21	153	0.085	0.1460	0.641				
40097219 CRD		327	5360	30	4	3710	17	20	149	0.079	0.1670	0.591				
40097220		52	88	10	<1	48	7	31	113	0.005	0.0122	0.021				
40097221		77	2200	40	<1	978	19	19	101	0.067	0.0921	0.468				
40097222		67	2370	40	<1	1210	6	18	93	0.043	0.0658	0.491				
40097223		55	1770	30	<1	649	3	17	84	0.040	0.1040	0.332				
40097224		55	1090	50	<1	640	3	15	82	0.027	0.0463	0.224				
40097225		62	2600	50	<1	1125	6	17	87	0.031	0.0754	0.376				
40097226		65	3920	60	<1	1445	11	20	102	0.066	0.0748	0.523				
40097227		58	982	60	<1	571	8	17	87	0.015	0.0285	0.156				
40097228		53	772	40	<1	439	2	17	84	0.016	0.0378	0.146				
40097229		55	1030	40	<1	548	<2	16	83	0.017	0.0420	0.195				
40097230		211	5400	10	2	7500	20	15	78	0.173	0.467	0.262				
40097231		51	207	130	<1	250	2	17	82	0.004	0.0139	0.025				
40097232		55	522	80	<1	342	2	19	97	0.013	0.0333	0.125				
40097233		53	784	50	<1	486	5	19	97	0.012	0.0188	0.141				
40097234		61	1115	130	<1	642	2	16	81	0.017	0.0395	0.173				
40097235		80	2680	50	<1	1215	5	15	90	0.037	0.0597	0.349				
40097236		66	1980	50	<1	819	<2	17	88	0.029	0.0568	0.279				
40097237		67	1400	100	<1	744	6	24	100	0.017	0.0536	0.200				
40097238		67	2120	110	<1	890	4	22	95	0.021	0.0375	0.286				
40097239		73	2140	70	<1	952	4	21	102	0.027	0.0463	0.320				
40097239 CRD		71	2260	80	<1	948	3	20	99	0.032	0.0518	0.308				
40097240		63	1410	90	<1	672	<2	20	93	0.014	0.0359	0.195				
40097241		54	929	40	<1	456	<2	21	96	0.012	0.0193	0.146				
40097242		59	1580	50	<1	669	<2	18	95	0.024	0.0411	0.210				
40097243		56	709	80	<1	401	3	19	105	0.010	0.0180	0.091				
40097244		62	1650	90	<1	703	<2	22	105	0.019	0.0318	0.214				
40097245		87	3440	80	<1	1480	<2	19	105	0.046	0.0627	0.488				
40097246		106	5520	70	<1	2550	3	18	97	0.056	0.126	0.650				
40097247		59	992	50	<1	453	<2	22	106	0.013	0.0281	0.128				
40097248		72	2640	40	<1	1145	<2	22	104	0.034	0.0632	0.359				
40097249		56	839	40	<1	406	2	21	103	0.012	0.0262	0.150				
40097250		50	42	20	1	28	2	32	122	0.001	<0.0005	0.002				
40097251		67	2070	60	<1	849	<2	21	102	0.028	0.0429	0.288				
40097252		55	290	30	<1	225	<2	24	111	0.004	0.0084	0.020				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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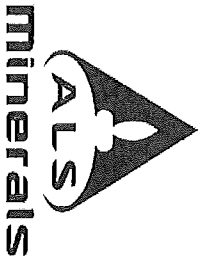
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
40097215			1.30	<0.01	1.40	0.091	0.19	1.380	26.7	38.2	0.1	19.70	0.12	3.37	<0.01	14.95
40097216																
40097217																
40097218																
40097219																
40097219 CRD																
40097220																
40097221																
40097222																
40097223																
40097224																
40097225																
40097226																
40097227																
40097228																
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40097251																
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Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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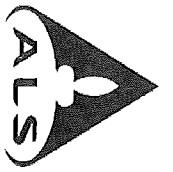
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-ICP81	ME-ICP81	ME-ICP81
		SiO2 %	TiO2 %	Zn %
40097215		22.0	0.15	0.01
40097216				
40097217				
40097218				
40097219				
40097219 CRD				
40097220				
40097221				
40097222				
40097223				
40097224				
40097225				
40097226				
40097227				
40097228				
40097229				
40097230				
40097231				
40097232				
40097233				
40097234				
40097235				
40097236				
40097237				
40097238				
40097239				
40097239 CRD				
40097240				
40097241				
40097242				
40097243				
40097244				
40097245				
40097246				
40097247				
40097248				
40097249				
40097250				
40097251				
40097252				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MSZ4 on samples 40097215 to 40097234**

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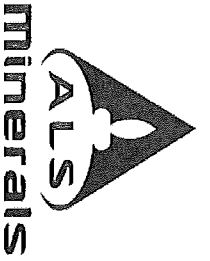
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40097253		4.71	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40097254		4.53			47.5	17.55	11.25	6.29	1.36	7.09	4.19	0.02	1.37	0.15	0.16	0.13
40097255		4.06			46.6	17.05	11.70	5.47	1.39	7.91	3.81	0.02	1.15	0.17	0.13	0.09
40097256		5.19			48.2	15.50	12.05	3.98	0.85	7.84	5.91	0.03	1.35	0.17	0.16	0.17
40097257		4.40			48.4	15.95	12.90	4.82	1.87	7.00	4.04	0.04	1.62	0.16	0.18	0.03
40097258		4.85			45.2	15.60	12.75	5.59	0.50	7.61	5.26	0.02	1.55	0.17	0.19	0.06
40097259		4.45			45.0	15.45	12.70	6.28	0.58	7.13	5.17	0.03	1.80	0.19	0.22	0.16
40097259 CRD		<0.02			46.4	14.90	13.15	3.85	0.68	7.27	6.10	0.03	1.73	0.19	0.19	0.11
40097260		0.11			46.9	14.65	12.80	3.64	0.54	7.27	6.60	0.03	1.75	0.19	0.18	0.11
40097261		2.16			38.4	5.68	16.30	3.83	2.62	23.1	0.24	0.26	0.43	0.15	0.05	0.01
40097262		4.30			46.7	15.55	16.45	6.15	0.62	6.09	1.56	0.03	1.85	0.16	0.19	0.04
40097263		6.40			49.1	14.00	17.05	5.60	2.45	4.58	1.70	0.01	3.05	0.17	0.28	0.04
40097264		7.26			48.4	12.70	17.70	7.25	2.86	4.35	1.30	<0.01	3.69	0.19	0.37	0.06
40097265		10.74			49.7	12.80	17.55	6.92	3.07	4.12	1.57	<0.01	3.60	0.20	0.41	0.07
40097266		10.69			49.6	12.70	17.45	7.47	3.06	4.15	1.21	<0.01	3.55	0.19	0.40	0.06
40097267		10.52			49.7	12.75	17.55	7.28	3.04	4.14	1.45	<0.01	3.66	0.20	0.39	0.07
40097268		11.19			49.4	12.80	17.15	7.15	3.06	4.25	1.42	<0.01	3.49	0.19	0.37	0.07
40097269		5.63			48.8	12.60	16.90	7.07	3.21	4.21	1.34	<0.01	3.48	0.19	0.39	0.06
40097270		4.55			48.3	12.45	16.65	7.02	3.10	4.17	1.38	<0.01	3.45	0.19	0.38	0.07
40097271		10.71			48.3	12.45	16.70	7.05	3.10	4.14	1.41	<0.01	3.45	0.19	0.39	0.07
40097272		4.34			48.2	12.40	16.75	6.85	3.14	4.17	1.40	<0.01	3.48	0.19	0.39	0.06
40097273		9.97			48.0	12.40	16.95	5.79	3.17	4.27	2.06	<0.01	3.49	0.20	0.40	0.06
					67.9	14.30	6.32	0.87	2.70	2.16	2.91	0.03	0.67	0.04	0.11	0.02

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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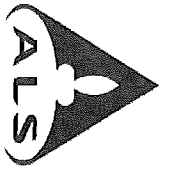
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-ICP06 BAO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097253		0.13	0.04	0.12	1220	30.8	160	3.31	4.10	2.30	1.50	19.1	4.06	3.1	0.74	14.6
40097254		0.19	0.04	0.14	1815	26.2	150	3.49	3.20	1.78	1.24	18.6	3.24	2.5	0.63	12.2
40097255		0.22	0.08	0.06	1970	30.2	240	2.96	4.00	2.05	1.19	15.1	4.08	2.9	0.72	14.4
40097256		0.17	0.08	0.17	1570	37.4	270	2.73	4.77	2.98	1.21	19.9	4.93	4.4	1.00	16.4
40097257		0.18	0.06	0.29	1645	37.1	180	2.05	4.79	2.92	1.52	21.1	4.75	3.6	0.93	17.4
40097258		0.18	0.05	0.38	1660	40.3	190	3.19	5.40	3.03	1.73	21.3	5.54	4.2	1.06	19.9
40097259		0.19	0.08	0.40	1765	37.7	200	2.40	4.52	2.62	1.44	19.6	4.90	3.7	0.92	18.1
40097259 CRD		0.19	0.07	0.44	1800	35.9	190	2.46	4.20	2.46	1.56	18.7	4.53	3.5	0.83	16.7
40097260		0.01	0.13	2.40	102.5	10.9	1890	0.81	1.26	0.79	0.41	7.0	1.36	0.9	0.28	5.6
40097261		0.05	0.04	1.36	503	44.3	220	4.37	4.74	2.57	1.71	21.7	5.07	3.9	0.88	20.2
40097262		0.06	0.04	1.09	562	59.8	70	4.61	6.09	3.09	2.37	21.9	7.07	5.3	1.19	27.6
40097263		0.05	0.04	0.18	423	65.8	20	2.79	6.94	3.43	2.83	22.4	8.00	6.3	1.29	28.9
40097264		0.04	0.03	0.08	401	73.9	20	2.70	7.25	3.74	2.97	23.6	8.88	6.9	1.53	32.6
40097265		0.04	0.04	0.07	324	75.3	30	3.06	7.44	3.72	2.96	24.4	9.09	7.1	1.42	33.6
40097266		0.04	0.03	0.13	337	73.2	20	2.58	7.57	3.78	2.90	24.4	8.89	6.7	1.40	32.6
40097267		0.04	0.03	0.07	329	70.5	20	2.48	7.31	3.57	2.75	23.5	8.75	6.4	1.29	31.1
40097268		0.04	0.04	0.03	335	72.1	20	2.95	7.50	3.87	2.81	25.4	9.09	7.1	1.44	32.2
40097269		0.04	0.03	0.09	331	71.9	20	2.39	7.60	3.96	2.94	25.6	8.88	7.1	1.37	31.6
40097270		0.04	0.03	0.08	341	73.2	20	2.42	7.62	4.03	3.17	25.6	8.95	7.1	1.44	32.2
40097271		0.05	0.04	0.09	472	71.8	20	2.05	7.76	3.83	2.91	25.6	9.02	6.6	1.39	32.5
40097272		0.09	0.04	0.30	808	71.8	30	1.20	7.51	4.26	2.95	25.9	9.14	6.8	1.37	32.7
40097273		0.06	0.02	0.10	592	58.3	190	4.64	4.13	2.22	1.34	19.4	4.59	4.5	0.76	28.6

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

**** See Appendix Page for comments regarding this certificate ****



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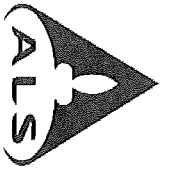
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm					
40097253	0.30	9.7	17.2	4.08	129.5	4.14	1095	0.5	0.67	1.50	4.3	0.31	0.33	156							
40097254	0.25	7.5	14.5	3.40	124.5	3.13	787	0.4	0.52	1.19	2.1	0.24	0.27	131							
40097255	0.28	8.3	16.4	3.92	186.0	3.88	1460	0.4	0.64	1.30	2.1	0.32	0.33	150							
40097256	0.41	11.1	20.8	4.92	127.0	5.15	310	0.6	0.81	3.15	1.0	0.40	1.15	230							
40097257	0.36	10.5	20.6	4.64	150.5	4.76	534	0.5	0.78	2.12	1.1	0.36	1.15	190							
40097258	0.40	11.9	22.9	5.23	162.0	5.46	1335	0.6	0.90	1.67	1.1	0.40	0.38	201							
40097259	0.36	10.2	20.6	4.88	176.0	4.85	972	0.6	0.78	1.77	1.7	0.38	0.47	202							
40097259 CRD	0.35	10.5	20.2	4.67	185.5	4.75	945	0.5	0.71	1.66	1.7	0.35	0.49	207							
40097260	0.10	2.3	5.5	1.30	6.2	1.24	111.0	0.1	0.22	0.93	<0.5	0.09	0.27	91							
40097261	0.34	12.2	24.6	5.76	59.6	5.56	340	0.7	0.75	3.40	0.9	0.36	2.30	270							
40097262	0.47	19.6	32.7	7.77	63.3	6.99	383	1.2	1.00	4.62	0.8	0.42	2.91	386							
40097263	0.45	25.3	38.3	8.89	45.1	8.48	488	1.6	1.22	3.59	<0.5	0.49	1.12	435							
40097264	0.48	26.8	42.0	9.93	52.0	9.82	623	1.7	1.31	4.18	<0.5	0.54	1.37	420							
40097265	0.48	26.9	42.9	10.05	40.3	9.55	524	1.6	1.31	4.20	<0.5	0.54	1.27	423							
40097266	0.45	26.1	41.8	9.77	48.2	8.64	594	1.6	1.27	4.16	<0.5	0.53	1.24	438							
40097267	0.43	25.4	39.2	9.37	46.3	8.92	556	1.5	1.26	3.92	<0.5	0.51	1.11	411							
40097268	0.45	25.7	41.5	9.38	48.0	8.94	578	1.9	1.28	4.20	<0.5	0.56	1.33	448							
40097269	0.43	25.4	40.2	9.49	49.3	9.28	571	1.8	1.31	4.25	<0.5	0.51	1.30	446							
40097270	0.43	25.8	41.0	9.68	50.5	9.00	578	1.9	1.32	4.14	<0.5	0.51	1.23	446							
40097271	0.43	25.8	40.6	9.47	50.7	8.78	571	1.8	1.25	4.05	<0.5	0.47	1.24	448							
40097272	0.39	25.8	40.6	9.71	76.1	9.01	562	1.7	1.34	4.23	<0.5	0.49	1.34	459							
40097273	0.33	9.8	26.5	6.86	122.0	4.98	183.5	0.8	0.70	7.82	0.6	0.31	4.12	126							

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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Project: EB80002217

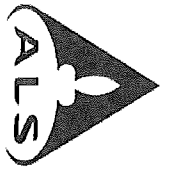
CERTIFICATE OF ANALYSIS TB14111233

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 Finalized Date: 7-AUG-2014
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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097253	2	20.9	1.92	110	1.6	0.05	0.034	0.16	1.1	0.02	4.19	101.38	<0.5	<5	0.5	
40097254	2	17.2	1.59	93	1.0	0.39	0.018	0.16	1.1	0.04	5.19	100.87	<0.5	<5	0.5	
40097255	2	19.0	1.76	107	1.0	0.05	0.024	0.13	1.0	0.01	5.40	101.83	<0.5	<5	<0.5	
40097256	2	25.2	2.48	160	38.9	0.11	0.024	1.93	0.8	0.09	4.50	101.68	<0.5	30	<0.5	
40097257	2	24.3	2.33	138	13.3	0.13	0.059	0.47	1.5	0.04	5.69	100.37	0.6	17	<0.5	
40097258	1	27.7	2.60	151	58.9	0.11	0.072	2.64	1.3	0.14	5.10	99.99	<0.5	106	0.5	
40097259	2	23.1	2.27	132	19.9	0.32	0.074	0.60	1.4	0.04	5.11	99.90	<0.5	15	0.5	
40097259 CRD	1	22.3	2.09	129	11.6	0.27	0.087	0.49	1.5	0.05	5.20	100.05	<0.5	13	<0.5	
40097260	2	7.4	0.57	34	9.4	0.93	0.017	0.19	9.9	2.30	9.13	98.27	2.2	7	0.7	
40097261	3	24.0	2.43	150	35.8	0.20	0.054	1.07	2.6	0.11	3.11	100.55	0.9	23	0.8	
40097262	2	29.1	2.76	196	14.9	0.88	0.069	1.13	2.0	0.10	1.80	99.89	2.0	15	1.0	
40097263	2	32.9	2.90	221	6.4	0.12	0.008	0.63	1.1	0.02	1.28	100.20	<0.5	<5	0.8	
40097264	3	35.0	3.28	253	9.0	0.10	0.006	0.46	1.3	0.01	1.08	101.13	<0.5	13	0.7	
40097265	1	36.8	3.02	257	4.0	0.07	<0.005	0.28	1.2	0.01	0.88	100.76	<0.5	<5	0.6	
40097266	2	36.0	3.19	254	23.7	0.08	0.014	0.41	1.3	0.02	0.82	101.09	<0.5	21	0.5	
40097267	2	34.3	3.32	242	2.7	0.06	<0.005	0.15	1.2	<0.01	1.02	100.41	<0.5	<5	<0.5	
40097268	1	36.0	3.10	263	2.0	0.06	0.007	0.11	0.8	<0.01	1.03	99.32	<0.5	<5	0.6	
40097269	4	36.1	3.18	262	2.4	0.07	0.012	0.13	1.2	0.01	1.17	98.37	<0.5	<5	<0.5	
40097270	3	36.0	3.17	261	2.4	0.07	0.011	0.13	1.1	0.01	1.05	98.34	<0.5	<5	<0.5	
40097271	3	36.0	3.15	267	2.4	0.14	0.014	0.26	1.1	0.01	1.05	98.13	<0.5	<5	0.9	
40097272	2	36.6	3.01	266	3.9	0.23	0.009	0.31	1.4	0.01	1.21	98.09	<0.5	5	<0.5	
40097273	3	20.9	2.16	177	11.9	0.05	0.009	0.29	0.5	0.01	2.64	100.73	<0.5	11	<0.5	

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGW-MS24 on samples 40097215 to 40097234**

***** See Appendix Page for comments regarding this certificate *****



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 Account: KAV

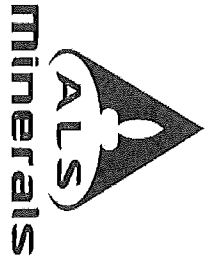
Project: EB880002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	CU-OG62 Cu %	NI-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40097253		51	420	120	<1	356	<2	17	90	0.008	0.0214	0.083				
40097254		60	808	120	<1	433	6	13	106	0.010	0.0141	0.067				
40097255		57	349	120	<1	266	<2	17	99	0.006	0.0112	0.035				
40097256		59	971	60	<1	307	2	25	124	0.011	0.0190	0.060				
40097257		61	2090	120	<1	526	<2	22	106	0.016	0.0168	0.101				
40097258		59	1210	170	1	547	<2	23	104	0.018	0.0243	0.157				
40097259		73	1710	130	<1	633	<2	24	122	0.015	0.0206	0.127				
40097259 CRD		64	1810	120	<1	576	<2	23	107	0.014	0.0341	0.143				
40097260		208	5360	20	2	7460	16	15	80	0.165	0.424	0.269				
40097261		99	2450	40	4	809	13	25	199	0.023	0.0316	0.157				
40097262		89	6510	30	4	1065	7	25	206	0.055	0.0761	0.345				
40097263		58	569	30	1	163	3	26	163	0.008	0.0075	0.038				
40097264		55	612	30	1	157	4	26	175	0.009	0.0082	0.055				
40097265		53	337	20	<1	90	4	27	162	0.005	0.0032	0.020				
40097266		53	765	20	1	114	5	27	177	0.007	0.0028	0.025				
40097267		54	288	20	<1	76	3	26	162	0.004	0.0024	0.011				
40097268		54	263	20	<1	71	3	26	182	0.004	0.0025	0.011				
40097269		51	265	20	<1	68	5	26	163	0.005	0.0027	0.012				
40097270		53	264	20	<1	69	8	26	166	0.004	0.0024	0.011				
40097271		55	259	20	1	70	7	27	183	0.006	0.0030	0.014				
40097272		53	253	30	<1	71	2	26	168	0.006	0.0027	0.012				
40097273		17	42	60	2	67	13	17	48	0.002	0.0013	0.002				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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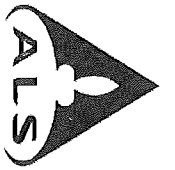
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 AS % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40097253																
40097254																
40097255																
40097256																
40097257																
40097258																
40097259																
40097259 CRD																
40097260																
40097261																
40097262																
40097263																
40097264																
40097265																
40097266																
40097267																
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40097271																
40097272																
40097273																

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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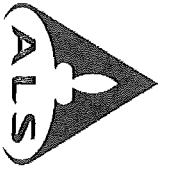
Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40097253				
40097254				
40097255				
40097256				
40097257				
40097258				
40097259				
40097259 CRD				
40097260				
40097261				
40097262				
40097263				
40097264				
40097265				
40097266				
40097267				
40097268				
40097269				
40097270				
40097271				
40097272				
40097273				

Comments: **Corrected copy for ME-4ACD81 on samples 40097140 to 40097144 and for PGM-MS24 on samples 40097215 to 40097234**

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Project: EB80002217

CERTIFICATE OF ANALYSIS TB14111233

CERTIFICATE COMMENTS

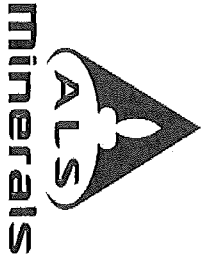
LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
BAG-04 CRU-31 CRU-QC
LOG-21d LOG-23 PUL-32
PUL-QC SPL-21 SPL-21d

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
C-IR07 CU-OG62 ME-4ACD81
ME-ICP81 ME-MS42 ME-MS81
NI-OG62 OA-GRA05 PGM-ICP27
S-IR08 TOT-ICP06

LOG-21
PUL-32d
WEI-21
ME-ICP06
ME-OG62
PGM-MS24

Applies to Method:	
Applies to Method:	



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CERTIFICATE TB14104188

Project: EB80001741
 P.O. No.: 3101202290
 This report is for 157 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-JUL-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% < 75um

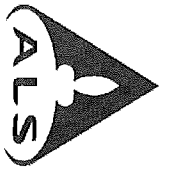
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colin Ramshaw, Vancouver Laboratory Manager



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To: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

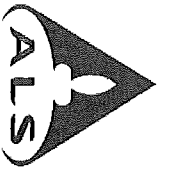
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 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
 Account: KAV

Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 S/O %
40096050		0.28		87.2	52.0	13.10	13.55	8.23	2.73	5.67	1.26	0.03	1.63	0.17	0.16	0.04
40096051		7.16	82.6		46.4	17.40	11.75	9.35	2.20	9.67	0.26	0.03	1.08	0.14	0.13	0.03
40096052		10.53			46.4	17.20	11.35	9.36	2.31	9.71	0.40	0.04	1.12	0.14	0.12	0.03
40096053		11.01			46.3	16.95	11.90	9.39	2.16	10.40	0.36	0.03	1.05	0.14	0.12	0.03
40096054		10.32			47.3	17.65	11.35	9.42	2.38	10.00	0.42	0.04	1.07	0.14	0.12	0.04
40096055		11.03			46.7	17.20	11.55	9.23	2.25	10.70	0.39	0.03	0.99	0.14	0.12	0.04
40096056		10.18			46.2	17.55	11.05	9.31	2.30	9.90	0.34	0.03	1.05	0.14	0.12	0.03
40096057		11.17			45.8	17.00	11.55	9.17	2.18	10.55	0.31	0.03	1.01	0.15	0.12	0.03
40096058		10.57			46.6	18.20	10.65	9.71	2.34	8.94	0.34	0.03	1.07	0.14	0.11	0.03
40096059		10.94			46.0	17.60	11.60	9.50	2.22	10.65	0.36	0.03	1.01	0.15	0.11	0.03
40096060		0.16			37.3	3.13	14.10	2.05	0.25	32.7	0.12	0.58	0.26	0.16	0.04	<0.01
40096061		11.12			45.8	17.90	11.10	9.75	2.25	10.10	0.35	0.03	0.98	0.14	0.10	0.03
40096062		10.87			45.6	18.50	10.40	9.99	2.34	8.79	0.36	0.03	1.08	0.13	0.12	0.03
40096063		10.64			46.5	17.15	11.85	9.31	2.17	11.05	0.38	0.03	0.96	0.15	0.10	0.03
40096064		11.36			46.0	16.80	11.75	9.35	2.00	11.55	0.38	0.03	0.99	0.14	0.13	0.03
40096065		10.61			46.5	17.95	10.75	9.47	2.26	9.58	0.37	0.03	1.05	0.13	0.11	0.03
40096066		10.29			46.8	17.50	11.50	9.36	2.19	10.95	0.38	0.03	1.02	0.14	0.11	0.03
40096067		11.00			45.0	16.50	12.60	8.39	1.97	12.95	0.29	0.03	0.98	0.16	0.11	0.03
40096068		10.70			45.5	16.85	11.30	8.94	2.13	11.25	0.30	0.03	0.95	0.14	0.11	0.03
40096069		5.00			45.4	17.05	11.30	9.01	2.13	10.60	0.27	0.03	0.97	0.15	0.12	0.03
40096069 CRD		<0.02			46.6	17.40	11.60	9.19	2.18	10.85	0.29	0.03	1.04	0.15	0.11	0.03
40096070		4.96			45.1	17.40	11.25	9.43	2.13	10.80	0.28	0.03	0.95	0.15	0.10	0.03
40096071		10.98			46.7	19.00	10.50	10.00	2.40	9.20	0.34	0.02	1.04	0.14	0.13	0.03
40096072		10.86			45.7	17.70	11.50	9.70	2.20	10.45	0.36	0.03	1.04	0.14	0.11	0.03
40096073		10.41			45.9	16.50	12.30	8.96	2.03	11.95	0.37	0.03	1.03	0.15	0.11	0.03
40096074		11.10			45.3	16.15	12.15	8.81	1.93	12.20	0.32	0.03	0.95	0.15	0.10	0.03
40096075		10.91			46.7	18.55	10.25	9.73	2.30	9.27	0.34	0.03	1.03	0.12	0.11	0.03
40096076		10.26			46.1	18.25	10.40	9.60	2.24	9.34	0.37	0.02	1.00	0.12	0.12	0.04
40096077		10.59			45.8	18.90	10.05	10.25	2.29	8.98	0.39	0.03	0.98	0.12	0.12	0.03
40096078		10.55			46.5	18.30	10.15	10.20	2.27	9.02	0.34	0.03	1.04	0.13	0.11	0.03
40096079		10.90			45.7	17.20	11.50	9.24	2.13	10.80	0.34	0.03	1.02	0.14	0.11	0.03
40096080		0.36			50.6	13.55	15.50	6.83	3.15	3.29	1.35	<0.01	2.28	0.18	0.24	0.04
40096081		10.56			45.8	17.65	10.55	9.66	2.15	9.98	0.24	0.02	0.99	0.12	0.11	0.03
40096082		10.63			45.7	17.25	11.25	9.33	2.12	10.90	0.33	0.03	0.98	0.14	0.10	0.03
40096083		10.84			46.0	17.50	11.20	9.39	2.21	9.88	0.34	0.02	1.14	0.14	0.12	0.03
40096084		10.45			45.9	17.70	10.95	9.29	2.15	10.45	0.34	0.03	0.99	0.14	0.11	0.03
40096085		10.94			46.3	18.35	10.90	9.75	2.25	10.60	0.40	0.02	1.00	0.13	0.11	0.04
40096086		10.26			45.6	18.25	10.90	9.86	2.23	9.22	0.39	0.02	1.13	0.13	0.11	0.03
40096087		10.46			46.7	18.05	11.05	9.53	2.13	10.50	0.28	0.02	1.01	0.13	0.11	0.03
40096088		10.52			45.8	18.10	10.30	9.50	2.18	9.75	0.32	0.02	0.99	0.13	0.12	0.03

***** See Appendix Page for comments regarding this certificate *****



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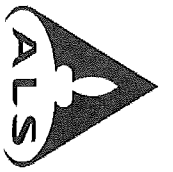
Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

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 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		BaO %	C %	S %	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm
40096050	0.05	0.21	0.12	480	42.5	230	0.89	4.21	2.19	1.41	20.1	4.42	3.6	0.87	21.5							
40096051	0.01	0.04	0.04	118.0	20.6	250	2.05	2.94	1.67	1.13	18.1	2.97	2.2	0.61	9.7							
40096052	0.01	0.03	0.04	133.0	20.8	270	1.60	2.92	1.59	1.04	18.6	3.05	2.3	0.60	9.7							
40096053	0.01	0.03	0.05	119.5	18.8	260	1.72	2.88	1.54	1.04	17.9	2.96	2.0	0.56	8.8							
40096054	0.02	0.02	0.04	135.0	19.9	270	1.73	2.85	1.63	1.10	18.5	2.94	2.1	0.63	9.5							
40096055	0.02	0.03	0.04	134.5	18.7	240	1.50	2.66	1.54	1.03	17.9	2.79	1.9	0.59	8.9							
40096056	0.01	0.03	0.04	125.0	19.1	230	1.68	2.80	1.52	1.09	18.7	2.74	2.0	0.56	8.9							
40096057	0.01	0.02	0.04	124.0	19.2	230	1.92	2.66	1.48	0.98	18.4	2.66	2.1	0.57	9.1							
40096058	0.01	0.02	0.04	126.5	19.8	240	1.92	2.75	1.54	1.04	18.4	2.78	2.1	0.58	9.3							
40096059	0.01	0.03	0.04	120.0	18.0	220	2.15	2.58	1.45	0.97	17.6	2.59	2.0	0.52	8.7							
40096060	0.08	0.23	0.37	680	6.5	4520	0.24	0.83	0.36	0.23	5.2	0.86	0.6	0.15	3.1							
40096061	0.01	0.02	0.04	129.0	20.0	290	1.94	2.69	1.51	0.99	17.8	2.83	2.2	0.55	9.3							
40096062	0.01	0.02	0.04	118.5	18.5	210	1.70	2.52	1.63	0.97	17.1	2.51	1.9	0.55	8.9							
40096063	0.01	0.02	0.04	112.5	17.5	210	1.85	2.54	1.48	0.93	16.9	2.51	1.9	0.55	8.3							
40096064	0.02	0.05	0.04	193.5	19.3	200	1.78	2.45	1.48	1.08	16.8	2.63	1.8	0.52	9.3							
40096065	0.02	0.02	0.04	137.5	18.5	200	1.91	2.66	1.50	0.94	18.3	2.73	2.2	0.56	8.8							
40096066	0.01	0.02	0.03	130.5	18.2	210	1.65	2.66	1.39	0.97	17.2	2.74	2.0	0.56	8.5							
40096067	0.01	0.02	0.03	117.0	17.9	200	2.05	2.59	1.42	0.95	15.9	2.50	1.9	0.55	8.6							
40096068	0.01	0.02	0.03	123.0	18.0	200	1.56	2.48	1.42	0.98	16.8	2.64	1.9	0.52	8.6							
40096069	0.01	0.03	0.04	120.0	18.9	190	2.24	2.70	1.42	0.98	17.3	2.65	2.0	0.53	9.0							
40096069 CRD																						
40096070	0.01	0.02	0.04	120.0	18.7	190	2.32	2.68	1.41	0.95	17.5	2.78	2.0	0.55	8.8							
40096071	0.01	0.02	0.04	117.5	18.5	220	2.23	2.65	1.32	1.03	17.2	2.82	1.9	0.55	8.8							
40096072	0.01	0.02	0.03	128.0	20.2	180	2.05	2.76	1.65	1.08	18.9	2.81	2.2	0.59	9.7							
40096073	0.01	0.02	0.04	120.0	18.3	190	1.49	2.50	1.43	0.98	17.4	2.47	2.1	0.59	8.7							
40096073	0.01	0.02	0.04	123.0	19.0	190	1.48	2.60	1.47	0.95	16.5	2.79	2.0	0.55	9.0							
40096074	0.01	0.03	0.04	107.5	17.8	190	1.53	2.59	1.41	0.93	15.5	2.48	1.9	0.50	8.3							
40096075	0.01	0.03	0.03	125.0	18.8	190	1.35	2.58	1.52	0.94	17.8	2.76	2.1	0.56	9.0							
40096076	0.01	0.02	0.03	117.0	19.6	170	1.47	2.57	1.60	1.06	18.0	2.74	2.0	0.53	9.4							
40096077	0.01	0.02	0.04	129.0	19.3	220	1.27	2.71	1.52	1.02	19.1	2.87	2.1	0.55	9.1							
40096078	0.01	0.02	0.03	120.5	18.5	210	1.16	2.74	1.42	1.03	17.3	2.67	2.1	0.55	8.8							
40096079	0.01	0.02	0.04	111.5	17.8	190	1.28	2.44	1.28	0.92	16.5	2.57	2.1	0.53	8.3							
40096080	0.07	0.25	0.16	587	60.4	10	1.24	5.37	2.87	1.90	23.6	6.05	4.7	1.07	30.5							
40096081	0.01	0.05	0.03	106.5	17.7	180	1.65	2.57	1.40	1.04	17.7	2.47	1.9	0.54	8.4							
40096082	0.01	0.02	0.03	115.5	17.0	190	1.35	2.47	1.48	0.90	16.7	2.41	2.0	0.50	8.3							
40096083	0.01	0.02	0.04	124.5	19.7	180	1.28	2.69	1.62	1.00	17.8	2.97	2.0	0.63	9.3							
40096084	0.01	0.02	0.03	124.5	19.4	210	1.46	2.89	1.65	1.04	19.8	2.78	2.0	0.55	9.2							
40096085	0.01	0.02	0.04	139.5	20.9	190	1.42	2.74	1.57	1.13	20.7	2.85	2.3	0.56	10.0							
40096086	0.02	0.02	0.06	188.5	19.0	190	1.68	2.84	1.55	1.10	19.9	2.92	2.0	0.53	8.7							
40096087	0.01	0.02	0.04	127.5	20.1	200	1.90	2.99	1.73	1.06	19.7	2.86	2.5	0.60	9.3							
40096088	0.01	0.01	0.05	135.0	20.1	210	1.51	2.79	1.57	1.06	20.4	3.18	2.5	0.55	9.5							

***** See Appendix Page for comments regarding this certificate *****



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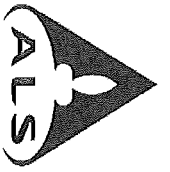
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 Account: KAV

Project: EB800017741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81	
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm					
40096050	0.34	8.9	20.9	5.01	31.8	4.29	339	0.4	0.71	4.38	<0.5	0.31	0.83	408							
40096051	0.25	6.0	11.4	2.67	6.1	2.80	252	0.2	0.52	0.92	<0.5	0.23	0.24	149							
40096052	0.25	6.4	11.4	2.71	10.1	2.90	279	0.3	0.50	0.96	<0.5	0.24	0.24	157							
40096053	0.21	5.9	10.6	2.37	9.2	2.57	274	0.2	0.46	0.90	<0.5	0.21	0.26	146							
40096054	0.25	6.1	11.0	2.61	12.7	2.79	300	0.2	0.51	0.86	<0.5	0.22	0.22	149							
40096055	0.21	5.7	10.4	2.41	12.1	2.64	286	0.2	0.47	0.82	<0.5	0.24	0.22	141							
40096056	0.25	6.1	11.0	2.49	9.6	2.63	279	0.2	0.46	0.86	<0.5	0.23	0.23	142							
40096057	0.22	5.7	10.6	2.51	8.4	2.62	269	0.2	0.44	0.82	<0.5	0.21	0.19	139							
40096058	0.21	6.2	11.2	2.50	8.4	2.61	282	0.2	0.49	0.89	<0.5	0.25	0.20	146							
40096059	0.21	5.4	10.4	2.38	9.8	2.49	272	0.2	0.43	0.78	<0.5	0.22	0.21	137							
40096060	0.07	1.4	3.1	0.79	3.5	0.71	52.0	<0.1	0.14	0.50	<0.5	0.07	0.15	26							
40096061	0.24	6.2	11.3	2.64	9.6	2.78	293	0.2	0.50	0.82	<0.5	0.22	0.22	137							
40096062	0.24	5.7	10.4	2.49	8.3	2.51	269	0.2	0.44	0.80	<0.5	0.22	0.23	134							
40096063	0.20	5.1	9.9	2.31	10.0	2.37	268	0.2	0.42	0.81	<0.5	0.20	0.17	131							
40096064	0.23	5.5	10.6	2.37	10.8	2.48	260	0.2	0.43	0.86	<0.5	0.22	0.22	132							
40096065	0.24	6.1	10.9	2.49	10.7	2.56	286	0.2	0.46	0.87	<0.5	0.20	0.18	139							
40096066	0.20	5.8	10.1	2.41	11.0	2.40	294	0.2	0.43	0.83	<0.5	0.22	0.20	135							
40096067	0.19	5.6	10.1	2.31	8.3	2.45	245	0.2	0.42	0.75	<0.5	0.19	0.19	130							
40096068	0.25	5.6	9.7	2.25	7.9	2.56	264	0.2	0.45	0.72	<0.5	0.20	0.18	128							
40096069	0.23	5.6	10.3	2.47	7.0	2.61	259	0.2	0.43	0.78	<0.5	0.22	0.21	133							
40096069 CRD																					
40096070	0.22	6.0	10.1	2.35	7.3	2.38	261	0.2	0.42	0.81	<0.5	0.20	0.22	138							
40096071	0.24	5.4	10.8	2.40	6.8	2.52	255	0.2	0.45	0.84	<0.5	0.21	0.20	130							
40096072	0.20	6.3	11.5	2.65	8.6	2.90	276	0.2	0.48	0.82	<0.5	0.22	0.22	136							
40096073	0.21	6.0	10.3	2.32	8.7	2.60	271	0.2	0.45	0.85	<0.5	0.22	0.22	136							
40096074	0.21	6.0	10.6	2.55	10.5	2.58	262	0.3	0.45	1.07	<0.5	0.22	0.19	134							
40096074	0.21	5.5	9.8	2.31	8.7	2.35	238	0.2	0.42	0.85	<0.5	0.20	0.19	124							
40096075	0.21	5.9	10.6	2.42	8.6	2.79	288	0.2	0.43	0.83	<0.5	0.21	0.19	135							
40096076	0.23	5.7	11.2	2.47	10.3	2.58	286	0.2	0.41	0.83	<0.5	0.20	0.21	132							
40096077	0.23	5.8	11.2	2.56	11.2	2.64	314	0.2	0.45	0.87	<0.5	0.23	0.21	140							
40096078	0.22	5.8	10.5	2.42	8.6	2.51	292	0.2	0.48	0.82	<0.5	0.23	0.33	140							
40096079	0.19	5.8	10.2	2.25	8.0	2.71	268	0.2	0.38	0.86	<0.5	0.21	0.20	135							
40096080	0.41	12.1	28.3	7.23	37.4	6.38	336	0.6	0.94	5.69	<0.5	0.38	1.01	488							
40096081	0.20	5.5	10.0	2.32	5.7	2.41	254	0.2	0.43	0.81	<0.5	0.19	0.21	131							
40096082	0.21	5.4	9.8	2.23	9.8	2.45	272	0.2	0.43	0.80	<0.5	0.19	0.21	143							
40096083	0.20	5.9	11.3	2.55	9.8	2.84	280	0.2	0.47	0.90	<0.5	0.23	0.25	150							
40096084	0.22	5.8	11.5	2.56	13.7	2.50	301	0.4	0.49	0.86	<0.5	0.23	0.26	137							
40096085	0.20	6.2	11.9	2.83	11.4	2.76	324	0.3	0.49	0.87	<0.5	0.24	0.22	141							
40096086	0.20	5.5	11.1	2.61	13.0	2.49	322	0.3	0.45	0.85	<0.5	0.23	0.23	165							
40096087	0.23	5.9	11.9	2.75	8.4	2.93	289	0.4	0.49	0.96	<0.5	0.26	0.25	143							
40096088	0.21	6.0	11.6	2.72	9.7	3.01	313	0.4	0.51	0.88	<0.5	0.24	0.20	144							

***** See Appendix Page for comments regarding this certificate *****



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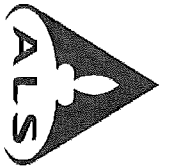
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 Total # Pages: 5 (A - E)
 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
 Account: KAV

Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40096050	3	22.1	1.87	1.43	140	0.2	0.03	0.011	<0.05	0.4	0.01	1.57	100.19	<0.5	<5	<0.5
40096051	1	15.9	1.50	1.38	81	0.5	0.04	<0.005	<0.05	0.3	0.01	2.42	100.87	<0.5	<5	<0.5
40096052	2	16.3	1.49	1.35	91	0.3	0.01	0.010	0.05	0.3	0.01	0.94	99.13	<0.5	<5	<0.5
40096053	1	15.5	1.56	1.47	90	0.3	0.02	0.013	<0.05	0.5	0.01	1.34	100.18	<0.5	<5	<0.5
40096054	<1	15.7	1.51	1.53	84	0.5	0.01	0.007	<0.05	0.5	<0.01	1.10	101.05	<0.5	<5	<0.5
40096055	1	15.3	1.43	1.38	81	0.3	0.01	<0.005	<0.05	0.5	0.01	0.93	100.29	<0.5	<5	<0.5
40096056	<1	15.4	1.38	1.35	83	0.5	0.01	0.005	<0.05	0.5	<0.01	1.00	99.03	<0.5	<5	0.5
40096057	2	14.8	1.35	1.29	75	0.4	0.02	0.005	0.05	0.4	0.01	1.47	99.38	<0.5	<5	<0.5
40096058	2	15.3	1.47	1.53	84	0.9	0.04	<0.005	0.06	0.5	<0.01	1.22	99.39	<0.5	<5	0.5
40096059	1	14.4	1.53	1.32	74	0.6	0.02	0.007	<0.05	0.5	0.01	1.36	100.63	<0.5	<5	<0.5
40096060	1	4.1	0.31	0.28	19	1.9	0.13	0.030	0.53	1.4	0.16	10.65	101.42	1.0	<5	1.2
40096061	1	15.4	1.46	1.28	89	0.3	0.02	0.008	0.05	0.4	<0.01	0.91	99.45	<0.5	<5	<0.5
40096062	2	14.6	1.46	1.41	77	0.6	0.02	<0.005	<0.05	0.2	<0.01	1.50	98.35	<0.5	<5	<0.5
40096063	3	13.9	1.33	1.29	75	0.4	0.02	0.008	0.05	0.4	<0.01	0.87	100.56	<0.5	<5	<0.5
40096064	2	14.3	1.32	1.39	74	<0.1	0.02	0.005	<0.05	0.2	<0.01	1.89	101.06	<0.5	<5	<0.5
40096065	<1	15.1	1.40	1.28	88	0.3	0.01	0.005	<0.05	0.4	0.01	1.51	99.76	<0.5	<5	<0.5
40096066	<1	14.4	1.28	1.41	80	0.3	0.01	<0.005	<0.05	0.3	<0.01	1.17	101.19	<0.5	<5	<0.5
40096067	1	14.0	1.41	1.29	77	0.3	0.02	0.005	0.06	0.2	<0.01	1.22	98.76	<0.5	<5	0.5
40096068	5	13.6	1.29	1.39	78	0.4	0.01	<0.005	0.06	0.5	<0.01	1.27	98.34	<0.5	<5	<0.5
40096069 CRD	1	14.6	1.37	1.26	79	0.4	0.02	<0.005	<0.05	0.4	0.01	1.27	100.75	<0.5	<5	<0.5
40096070	1	14.4	1.26	1.26	73	0.8	0.02	<0.005	0.06	0.6	0.01	1.32	98.98	<0.5	<5	<0.5
40096071	2	15.2	1.41	1.41	84	0.5	0.03	<0.005	0.06	0.5	0.01	1.23	100.78	<0.5	<5	<0.5
40096072	<1	14.4	1.50	1.50	79	0.5	0.02	0.005	0.06	0.4	<0.01	1.02	99.99	<0.5	<5	<0.5
40096073	2	14.4	1.51	1.51	81	0.5	0.01	0.005	<0.05	0.2	0.01	1.16	100.53	<0.5	<5	<0.5
40096074	3	13.3	1.26	1.26	72	0.3	0.02	0.005	0.07	0.4	<0.01	1.80	99.93	<0.5	<5	<0.5
40096075	1	14.5	1.59	1.26	84	0.3	0.01	<0.005	<0.05	0.4	<0.01	1.17	99.64	<0.5	<5	<0.5
40096076	2	14.4	1.26	1.26	80	0.3	0.01	<0.005	<0.05	0.4	<0.01	1.58	99.19	<0.5	<5	<0.5
40096077	1	14.8	1.54	1.36	83	0.3	0.01	<0.005	<0.05	0.6	<0.01	0.94	98.89	<0.5	<5	<0.5
40096078	1	14.6	1.36	1.27	84	0.5	0.01	<0.005	<0.05	0.5	0.01	0.79	98.92	<0.5	<5	<0.5
40096079	4	14.0	1.27	1.27	80	0.3	0.01	0.006	<0.05	0.2	0.02	0.81	99.06	<0.5	<5	<0.5
40096080	1	28.5	2.46	2.46	180	0.4	0.03	<0.005	0.06	0.5	0.01	1.46	98.54	<0.5	<5	<0.5
40096081	5	13.9	1.28	1.28	79	0.2	0.01	<0.005	0.07	0.3	0.01	1.75	99.06	<0.5	<5	<0.5
40096082	11	13.5	1.34	1.34	73	0.4	0.01	<0.005	<0.05	0.4	<0.01	0.93	99.01	<0.5	<5	<0.5
40096083	1	15.6	1.52	1.52	85	0.2	0.01	<0.005	<0.05	0.2	<0.01	0.99	98.97	<0.5	<5	<0.5
40096084	1	15.1	1.40	1.40	79	0.2	0.01	<0.005	<0.05	0.4	0.01	1.12	99.21	<0.5	<5	<0.5
40096085	1	15.9	1.30	1.30	85	<0.1	0.01	<0.005	<0.05	0.3	<0.01	1.31	101.17	<0.5	<5	<0.5
40096086	1	15.6	1.46	1.46	81	0.1	0.01	<0.005	<0.05	0.4	<0.01	2.04	99.93	<0.5	<5	<0.5
40096087	3	16.4	1.46	1.46	99	0.2	0.01	<0.005	<0.05	0.3	0.01	1.80	101.35	<0.5	<5	<0.5
40096088	1	16.1	1.35	1.35	96	0.3	0.01	0.005	<0.05	0.4	<0.01	1.26	98.51	<0.5	<5	<0.5

***** See Appendix Page for comments regarding this certificate *****



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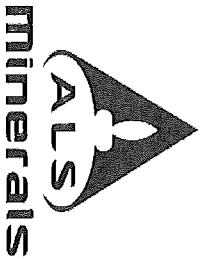
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 Total # Pages: 5 (A - E)
 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
 Account: KAV

Project: EB800017741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		ME-4ACD81		
		Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Zn ppm	Au ppm	Pt ppm	Pd ppm	Au ppm	Pt ppm	Pd ppm	Au ppm	Pt ppm	Pd ppm	Au ppm	Pt ppm	Pd ppm	Au ppm	Pt ppm	Pd ppm
40096050		46	32	10	<1	43	7	30	101	0.001	<0.0005	<0.001												
40096051		60	112	20	<1	300	<2	16	85	0.004	0.0047	0.007												
40096052		58	115	10	<1	289	<2	15	78	0.003	0.0049	0.007												
40096053		65	118	20	<1	329	<2	14	88	0.003	0.0048	0.007												
40096054		59	114	20	<1	302	3	15	82	0.003	0.0043	0.006												
40096055		63	109	20	<1	342	<2	13	85	0.002	0.0043	0.007												
40096056		60	111	20	<1	313	<2	14	90	0.003	0.0045	0.007												
40096057		64	108	20	<1	334	<2	12	96	0.003	0.0048	0.008												
40096058		55	117	10	<1	277	3	15	89	0.003	0.0044	0.007												
40096059		64	116	20	<1	349	<2	14	103	0.003	0.0044	0.007												
40096060		148	571	<10	1	1960	62	10	200	0.015	0.0066	0.004												
40096061		62	110	20	<1	324	<2	15	99	0.003	0.0047	0.007												
40096062		53	112	20	<1	267	<2	15	86	0.003	0.0046	0.007												
40096063		66	118	20	<1	358	<2	14	99	0.002	0.0040	0.007												
40096064		68	94	30	<1	396	<2	13	82	0.003	0.0061	0.011												
40096065		60	106	20	<1	314	<2	15	78	0.003	0.0044	0.008												
40096066		68	116	20	<1	371	<2	13	86	0.003	0.0041	0.007												
40096067		77	116	20	<1	458	2	12	108	0.002	0.0039	0.007												
40096068		69	106	10	<1	390	3	12	93	0.002	0.0041	0.007												
40096069		66	112	10	<1	367	3	13	108	0.003	0.0048	0.008												
40096069 CRD																								
40096070		65	110	10	<1	361	4	13	108	0.002	0.0049	0.008												
40096071		66	114	10	<1	372	5	14	112	0.002	0.0042	0.007												
40096072		55	102	10	<1	285	5	14	100	0.003	0.0044	0.007												
40096072		62	115	10	<1	338	<2	13	88	0.003	0.0045	0.007												
40096073		71	113	10	<1	410	3	13	89	0.003	0.0044	0.007												
40096074		71	111	10	<1	420	<2	11	119	0.003	0.0042	0.007												
40096075		56	102	10	<1	303	<2	14	75	0.003	0.0044	0.007												
40096076		57	109	10	<1	307	<2	13	75	0.003	0.0042	0.007												
40096077		53	103	10	<1	283	<2	13	71	0.002	0.0040	0.007												
40096078		55	104	10	<1	292	2	14	73	0.002	0.0041	0.007												
40096079		67	109	10	<1	375	2	12	85	0.003	0.0042	0.007												
40096080		46	13	20	<1	2	4	27	127	0.001	<0.0005	0.001												
40096081		61	90	10	<1	344	<2	13	74	0.002	0.0042	0.007												
40096082		63	97	10	<1	368	<2	12	80	0.002	0.0042	0.007												
40096083		61	112	10	<1	332	<2	13	83	0.002	0.0039	0.006												
40096084		64	110	10	<1	372	<2	13	85	0.003	0.0047	0.007												
40096085		62	105	10	<1	377	2	13	86	0.002	0.0041	0.006												
40096086		57	120	20	<1	298	<2	16	77	0.002	0.0042	0.007												
40096087		63	101	20	<1	365	3	14	80	0.002	0.0046	0.008												
40096088		59	98	10	<1	342	<2	14	77	0.002	0.0041	0.007												

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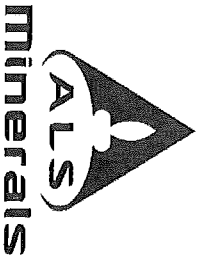
To: RIO TINTO EXPLORATION CANADA INC.
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 Total # Pages: 5 (A - E)
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Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40096089		10.56			45.7	18.20	10.30	9.41	2.15	9.60	0.26	0.02	0.96	0.12	0.12	0.03
40096089 CRD		<0.02			46.9	18.75	10.55	9.77	2.21	9.88	0.26	0.03	0.99	0.13	0.11	0.03
40096090		0.16			37.7	3.21	14.00	2.04	0.24	32.5	0.12	0.60	0.27	0.16	0.04	0.01
40096091		10.49			47.3	19.30	10.20	9.98	2.29	9.12	0.26	0.02	1.04	0.12	0.12	0.03
40096092		10.68			47.0	18.90	10.45	10.15	2.18	9.42	0.25	0.03	1.04	0.13	0.11	0.03
40096093		10.69			46.3	18.95	9.82	9.89	2.26	8.97	0.25	0.03	0.93	0.12	0.11	0.03
40096094		10.60			45.9	18.75	9.91	9.83	2.21	8.94	0.22	0.02	0.96	0.12	0.11	0.03
40096095		10.43			45.6	18.30	10.05	10.05	2.15	10.10	0.22	0.03	0.99	0.13	0.11	0.03
40096096		11.01			45.9	18.20	10.50	9.58	2.17	9.91	0.23	0.02	0.95	0.13	0.11	0.03
40096097		10.49	78.1	87.3	46.4	18.40	10.40	9.59	2.18	10.25	0.28	0.02	0.93	0.13	0.11	0.03
40096098		11.05			45.6	18.70	9.83	9.66	2.14	9.68	0.27	0.02	0.85	0.12	0.09	0.03
40096099		4.85			45.8	18.70	10.00	9.70	2.16	9.79	0.28	0.02	0.89	0.12	0.11	0.03
40096700		5.19			47.5	19.45	10.15	10.15	2.25	9.73	0.27	0.02	0.96	0.12	0.11	0.04
40096701		10.80			45.9	19.00	10.15	10.30	2.19	9.87	0.23	0.02	0.91	0.12	0.10	0.03
40096702		10.93			47.1	19.05	10.20	9.92	2.30	9.31	0.24	0.02	1.01	0.13	0.11	0.03
40096703		10.37			46.0	19.20	9.61	9.97	2.21	9.14	0.26	0.02	0.90	0.12	0.10	0.03
40096704		10.95			46.2	18.70	10.15	9.76	2.16	10.00	0.30	0.02	0.86	0.12	0.10	0.04
40096705		10.41			46.9	19.05	10.15	9.94	2.21	9.98	0.34	0.02	0.91	0.12	0.10	0.03
40096706		10.41			46.1	18.45	10.45	9.74	2.12	10.55	0.30	0.02	0.88	0.13	0.10	0.03
40096707		10.67			46.3	18.40	10.40	9.56	2.14	10.60	0.27	0.02	0.89	0.13	0.11	0.03
40096708		10.36			45.5	17.95	10.30	9.60	2.07	10.50	0.24	0.02	0.87	0.13	0.09	0.03
40096709		10.96			45.5	17.65	10.70	9.20	2.10	11.05	0.30	0.02	0.92	0.13	0.11	0.03
40096709 CRD		<0.02			45.1	17.35	10.95	9.04	2.05	11.30	0.26	0.02	0.93	0.14	0.11	0.03
40096710		0.26			48.9	13.40	15.85	9.87	2.31	6.89	0.53	0.03	2.11	0.20	0.08	0.04
40096711		11.09			45.7	18.20	10.25	9.43	2.12	10.30	0.27	0.02	0.91	0.13	0.10	0.03
40096712		10.56			45.3	17.80	10.45	9.33	1.97	10.90	0.29	0.03	0.89	0.13	0.09	0.03
40096713		10.77			47.4	19.30	10.15	9.87	2.19	10.45	0.35	0.02	0.87	0.13	0.09	0.04
40096714		11.05			47.2	19.70	9.76	10.10	2.21	9.65	0.32	0.02	0.86	0.12	0.10	0.03
40096715		10.45			46.3	19.40	9.83	10.15	2.13	9.33	0.24	0.02	0.88	0.12	0.10	0.03
40096716		10.91			47.2	19.65	9.58	10.40	2.16	9.55	0.34	0.02	0.86	0.12	0.10	0.03
40096717		11.09			47.1	19.40	9.94	10.35	2.17	9.49	0.33	0.02	0.80	0.13	0.11	0.04
40096718		10.62			46.4	19.75	9.05	10.35	2.22	8.55	0.33	0.02	0.86	0.11	0.11	0.04
40096719		10.71			45.1	19.00	9.35	10.20	2.10	8.72	0.29	0.02	0.86	0.12	0.10	0.03
40096720		0.16			36.4	3.02	13.40	2.01	0.21	31.6	0.14	0.54	0.26	0.16	0.04	0.01
40096721		10.72			45.6	18.90	9.45	10.05	2.09	9.25	0.31	0.02	0.90	0.12	0.10	0.04
40096722		10.53			45.9	19.25	9.16	10.10	2.12	8.62	0.32	0.02	0.86	0.12	0.10	0.03
40096723		10.94			45.9	18.95	9.73	10.15	2.07	9.45	0.35	0.02	0.88	0.12	0.10	0.03
40096724		10.35			45.3	18.15	10.20	9.79	1.97	10.50	0.32	0.02	0.79	0.12	0.10	0.03
40096725		10.84			45.7	18.30	10.05	9.78	1.97	10.95	0.32	0.02	0.78	0.12	0.09	0.03
40096726		10.61			44.8	17.30	10.45	9.43	1.90	11.65	0.32	0.02	0.81	0.13	0.10	0.03



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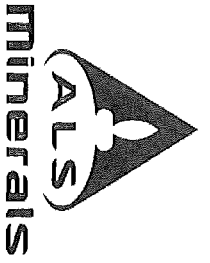
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CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40096089	0.01	0.01	0.02	0.05	121.5	20.2	190	2.06	2.87	1.49	1.06	20.2	2.83	2.2	0.56	9.4
40096089 CRD	0.01	0.02	0.05	0.05	125.0	20.3	200	2.16	2.89	1.48	1.09	20.2	2.84	2.2	0.57	9.5
40096090	0.08	0.23	0.37	0.37	761	6.6	4770	0.27	0.88	0.49	0.26	5.4	0.76	0.6	0.14	3.5
40096091	0.01	0.01	0.01	0.05	129.0	22.2	190	2.47	2.98	1.65	1.11	20.9	3.04	2.3	0.60	10.2
40096092	0.01	0.02	0.05	0.05	126.0	20.3	200	1.89	2.91	1.63	1.05	21.1	2.74	1.8	0.58	9.3
40096093	0.01	0.02	0.04	0.04	119.5	19.9	210	2.02	2.87	1.43	1.00	20.4	2.81	2.1	0.58	9.3
40096094	0.01	0.02	0.04	0.04	131.5	20.7	200	2.36	2.73	1.46	1.05	20.3	2.88	2.3	0.53	9.8
40096095	0.01	0.01	0.05	0.05	117.5	20.2	200	2.10	2.62	1.48	1.05	19.2	2.63	2.0	0.53	9.6
40096096	0.01	0.02	0.05	0.05	120.5	19.9	200	2.13	2.57	1.58	0.94	19.7	2.67	2.3	0.57	9.7
40096097	0.01	0.02	0.05	0.05	129.0	19.0	190	1.52	2.62	1.35	1.00	20.7	2.65	2.1	0.55	8.9
40096098	0.01	0.01	0.04	0.04	129.0	18.1	190	1.49	2.48	1.45	0.99	20.3	2.60	1.9	0.53	8.5
40096099	0.01	0.02	0.05	0.05	125.0	18.0	190	1.40	2.72	1.35	0.99	19.9	2.36	1.9	0.48	8.5
40096700	0.01	0.02	0.04	0.04	117.5	19.2	190	1.80	2.68	1.42	0.94	20.3	2.51	1.9	0.53	8.8
40096701	0.01	0.02	0.04	0.04	118.5	18.5	180	1.21	2.64	1.40	0.97	19.4	2.64	2.0	0.48	8.8
40096702	0.01	0.01	0.05	0.05	128.0	21.2	180	2.58	2.72	1.53	0.99	20.4	3.00	2.3	0.60	10.1
40096703	0.01	0.02	0.04	0.04	122.0	18.8	180	1.24	2.42	1.44	0.97	19.2	2.54	2.0	0.52	8.7
40096704	0.01	0.02	0.05	0.05	119.0	18.5	190	1.05	2.56	1.39	0.98	19.2	2.55	1.8	0.48	8.6
40096705	0.01	0.01	0.04	0.04	124.0	18.3	180	1.26	2.32	1.42	1.00	20.2	2.72	2.2	0.51	8.5
40096706	0.01	0.02	0.04	0.04	120.5	18.0	200	1.27	2.33	1.29	0.94	19.4	2.24	1.9	0.50	8.5
40096707	0.01	0.02	0.04	0.04	122.5	18.7	180	1.21	2.51	1.37	1.02	19.1	2.83	1.9	0.48	8.8
40096708	0.01	0.02	0.04	0.04	110.5	17.1	190	1.50	2.36	1.33	0.86	18.0	2.55	1.8	0.44	8.0
40096709	0.01	0.02	0.05	0.05	121.0	19.1	170	1.41	2.69	1.45	0.91	19.2	2.51	1.8	0.49	9.0
40096709 CRD	0.01	0.02	0.05	0.05	116.0	18.0	170	1.32	2.40	1.34	0.97	17.9	2.62	1.8	0.46	8.3
40096710	0.02	0.10	0.21	0.21	239	26.7	270	0.63	3.26	1.89	1.13	21.9	3.22	2.6	0.64	13.3
40096711	0.01	0.02	0.05	0.05	118.5	18.7	180	1.70	2.66	1.27	0.99	19.0	2.63	1.9	0.53	8.4
40096712	0.01	0.03	0.05	0.05	144.0	17.1	190	1.78	2.40	1.29	0.86	18.8	2.39	1.7	0.51	8.1
40096713	0.01	0.01	0.05	0.05	129.5	17.4	180	1.45	2.26	1.24	0.89	18.7	2.43	1.8	0.47	8.3
40096714	0.01	0.01	0.04	0.04	130.5	17.5	170	1.48	2.26	1.29	0.93	19.7	2.37	1.7	0.44	8.0
40096715	0.01	0.06	0.05	0.05	127.0	17.4	170	1.69	2.28	1.25	0.92	19.1	2.12	1.8	0.46	8.1
40096716	0.01	0.02	0.05	0.05	116.5	17.3	180	1.43	2.42	1.22	0.92	18.2	2.48	1.8	0.49	8.1
40096717	0.01	0.02	0.05	0.05	118.0	18.2	160	1.81	2.61	1.57	1.02	18.7	2.60	2.1	0.50	8.3
40096718	0.01	0.01	0.04	0.04	115.0	17.6	160	2.08	2.50	1.26	0.99	19.0	2.53	1.8	0.53	8.2
40096719	0.01	0.04	0.04	0.04	101.0	17.3	160	2.01	2.27	1.34	0.94	18.9	2.58	1.7	0.46	8.2
40096720	0.08	0.23	0.38	0.38	718	6.5	4170	0.23	0.71	0.43	0.24	5.1	0.79	0.6	0.14	3.2
40096721	0.01	0.01	0.04	0.04	114.5	18.0	160	1.46	2.36	1.38	1.01	18.4	2.63	1.9	0.51	8.4
40096722	0.01	0.02	0.04	0.04	115.5	18.3	160	1.66	2.38	1.40	0.87	18.5	2.68	2.0	0.49	8.5
40096723	0.01	0.01	0.04	0.04	116.0	18.4	180	1.74	2.32	1.37	0.98	18.1	2.49	1.9	0.49	8.8
40096724	0.01	0.02	0.03	0.03	108.0	17.0	170	1.87	2.26	1.31	0.87	17.3	2.42	1.8	0.47	8.0
40096725	0.01	0.01	0.03	0.03	104.5	16.7	180	1.70	2.19	1.25	0.83	16.6	2.39	1.8	0.49	7.8
40096726	0.01	0.01	0.03	0.03	106.5	17.2	180	1.63	2.09	1.45	0.93	17.0	2.28	2.0	0.42	7.7



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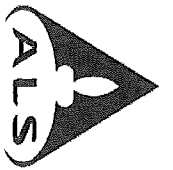
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CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pt ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm									
40096089		0.20	5.8	11.8	2.76	7.1	2.86	2.98	0.3	0.49	1.01	0.23	0.29	136										
40096089 CRD		0.19	5.7	12.2	2.76	7.0	2.87	300	0.4	0.50	0.88	0.25	0.25	135										
40096090		0.06	1.5	3.8	0.83	4.1	0.73	56.4	0.1	0.12	0.62	0.07	0.13	25										
40096091		0.21	6.3	12.7	2.97	7.5	2.90	315	0.4	0.49	0.97	0.24	0.25	143										
40096092		0.21	6.0	12.1	2.78	6.8	2.74	295	0.4	0.49	0.86	0.24	0.23	141										
40096093		0.23	5.7	11.6	2.65	6.3	2.86	306	0.3	0.42	0.96	0.21	0.24	132										
40096094		0.23	5.9	12.3	2.82	6.4	2.89	303	0.4	0.48	0.96	0.23	0.23	135										
40096095		0.21	5.5	12.2	2.78	6.0	2.63	282	0.4	0.48	0.85	0.24	0.17	136										
40096096		0.20	5.6	11.2	2.62	6.1	2.71	289	0.4	0.47	0.92	0.21	0.24	133										
40096097		0.19	5.6	11.1	2.53	7.2	2.49	303	0.4	0.45	0.77	0.23	0.22	127										
40096098		0.18	5.0	11.0	2.49	7.2	2.75	316	0.3	0.41	0.71	0.19	0.17	121										
40096099		0.17	5.2	10.5	2.40	6.6	2.52	310	0.3	0.45	0.88	0.23	0.21	123										
40096700		0.19	5.5	10.7	2.54	6.7	2.75	307	0.3	0.47	0.79	0.22	0.23	129										
40096701		0.20	5.3	10.6	2.55	6.2	2.41	303	0.3	0.43	0.76	0.21	0.20	124										
40096702		0.22	6.4	12.3	2.91	6.7	2.77	300	0.3	0.47	0.91	0.24	0.28	132										
40096703		0.19	5.5	11.4	2.50	6.4	2.57	307	0.3	0.42	0.78	0.20	0.20	121										
40096704		0.18	5.0	10.4	2.51	8.0	2.43	306	0.3	0.38	0.77	0.23	0.20	116										
40096705		0.19	5.3	10.9	2.47	9.1	2.58	310	0.3	0.41	0.79	0.18	0.23	122										
40096706		0.21	5.2	10.3	2.47	8.0	2.32	305	0.3	0.42	0.72	0.21	0.17	121										
40096707		0.19	5.4	11.0	2.48	7.1	2.71	302	0.3	0.45	0.74	0.21	0.20	120										
40096708		0.18	4.8	9.8	2.34	6.0	2.51	286	0.3	0.43	0.77	0.18	0.19	120										
40096709		0.17	5.4	11.3	2.66	7.6	2.69	290	0.4	0.45	0.78	0.22	0.20	122										
40096709 CRD		0.19	5.2	10.6	2.46	7.0	2.56	284	0.3	0.39	0.79	0.22	0.20	119										
40096710		0.24	9.6	15.0	3.40	14.9	3.61	339	0.5	0.54	2.15	0.24	0.40	561										
40096711		0.20	5.4	11.2	2.54	7.8	2.81	293	0.3	0.41	0.92	0.22	0.20	119										
40096712		0.20	5.1	10.2	2.39	9.7	2.53	286	0.3	0.38	0.81	0.19	0.21	121										
40096713		0.18	4.9	10.3	2.35	12.5	2.52	321	0.3	0.38	0.72	0.19	0.20	110										
40096714		0.17	4.8	9.7	2.36	9.5	2.44	325	0.3	0.42	0.68	0.19	0.16	110										
40096715		0.17	5.0	10.2	2.36	6.3	2.61	291	0.3	0.39	0.69	0.21	0.18	114										
40096716		0.19	4.9	9.9	2.27	11.2	2.42	332	0.3	0.40	0.72	0.21	0.18	113										
40096717		0.21	5.3	10.6	2.47	9.3	2.34	329	0.4	0.43	0.77	0.22	0.20	119										
40096718		0.19	5.1	10.3	2.39	10.2	2.28	336	0.3	0.38	0.84	0.20	0.22	116										
40096719		0.20	5.1	9.8	2.30	9.0	2.37	313	0.3	0.40	0.69	0.18	0.18	116										
40096720		0.06	1.4	3.3	0.84	4.1	0.67	54.8	0.1	0.12	0.50	0.07	0.12	26										
40096721		0.19	5.5	10.7	2.41	9.4	2.50	324	0.4	0.43	0.78	0.19	0.25	119										
40096722		0.19	5.2	10.0	2.42	10.3	2.58	322	0.3	0.40	0.75	0.20	0.22	117										
40096723		0.21	5.2	10.5	2.51	12.0	2.55	326	0.3	0.38	0.96	0.19	0.21	115										
40096724		0.19	4.8	9.6	2.24	11.2	2.09	307	0.3	0.40	0.90	0.18	0.20	109										
40096725		0.17	4.5	8.9	2.25	10.2	2.24	301	0.3	0.37	0.73	0.21	0.20	103										
40096726		0.18	4.9	9.8	2.23	10.4	2.21	297	0.3	0.41	0.79	0.19	0.25	111										



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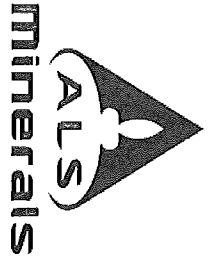
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CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40096089		2	15.7	1.35	89	<0.1	0.01	<0.005	<0.05	0.2	<0.01	1.52	98.40	<0.5	<5	<0.5
40096089 CRD		4	16.0	1.46	85	<0.1	0.01	0.005	<0.05	0.3	0.01	1.58	101.20	<0.5	<5	<0.5
40096090		2	4.6	0.39	22	1.6	0.10	0.022	0.49	1.1	0.14	10.80	101.77	1.1	<5	1.1
40096091		1	16.6	1.56	89	0.2	0.01	<0.005	<0.05	0.4	<0.01	1.92	101.71	<0.5	<5	<0.5
40096092		5	16.2	1.35	80	0.4	0.01	<0.005	<0.05	0.5	0.01	1.85	101.55	<0.5	<5	<0.5
40096093		2	15.6	1.37	86	0.2	0.01	<0.005	<0.05	0.5	<0.01	1.20	98.87	<0.5	<5	<0.5
40096094		1	16.1	1.31	92	0.2	0.01	<0.005	<0.05	0.4	<0.01	1.43	98.44	<0.5	<5	<0.5
40096095		2	15.5	1.37	80	0.3	<0.01	0.005	<0.05	0.5	<0.01	1.48	99.95	<0.5	<5	<0.5
40096096		2	15.3	1.29	87	0.1	0.01	<0.005	<0.05	0.4	<0.01	1.28	99.02	<0.5	<5	<0.5
40096097		1	15.0	1.32	88	0.2	0.01	<0.005	<0.05	0.4	<0.01	1.47	100.20	<0.5	<5	<0.5
40096098		3	14.0	1.24	75	<0.1	0.01	<0.005	<0.05	0.4	<0.01	1.14	98.14	<0.5	<5	<0.5
40096099		5	14.0	1.46	77	<0.1	0.01	<0.005	<0.05	0.6	<0.01	1.07	98.68	<0.5	<5	<0.5
40096700		1	14.9	1.27	77	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.02	101.78	<0.5	<5	<0.5
40096701		2	14.1	1.21	77	0.1	0.01	<0.005	<0.05	0.6	0.01	1.27	100.10	<0.5	<5	<0.5
40096702		1	16.0	1.42	84	0.4	0.01	<0.005	<0.05	0.6	0.01	0.87	100.30	<0.5	<5	<0.5
40096703		1	14.1	1.24	76	0.2	0.01	<0.005	<0.05	0.4	<0.01	1.21	98.78	<0.5	<5	<0.5
40096704		3	13.5	1.20	72	0.2	0.01	<0.005	<0.05	0.3	0.01	0.96	99.38	<0.5	<5	<0.5
40096705		1	14.3	1.27	80	0.1	0.01	<0.005	<0.05	0.5	<0.01	1.05	100.81	<0.5	<5	<0.5
40096706		5	13.9	1.27	72	0.2	<0.01	<0.005	<0.05	0.5	<0.01	1.09	99.97	<0.5	<5	<0.5
40096707		2	14.1	1.18	76	0.1	0.01	<0.005	<0.05	0.4	0.01	1.04	99.90	<0.5	<5	<0.5
40096708		<1	13.6	1.20	66	0.3	0.01	<0.005	<0.05	0.5	<0.01	1.29	98.60	<0.5	<5	<0.5
40096709		3	14.6	1.35	75	0.5	0.02	<0.005	<0.05	0.5	<0.01	0.98	98.70	<0.5	<5	<0.5
40096709 CRD		8	13.7	1.14	72	0.5	0.02	<0.005	<0.05	0.4	<0.01	0.95	98.24	<0.5	<5	<0.5
40096710		1	18.4	1.43	88	0.3	0.02	<0.005	<0.05	0.3	0.01	0.81	101.04	<0.5	<5	0.5
40096711		1	14.5	1.17	79	0.3	<0.01	<0.005	<0.05	0.6	<0.01	1.48	98.95	<0.5	<5	<0.5
40096712		1	13.7	1.19	71	0.3	0.01	0.008	<0.05	0.4	<0.01	2.67	99.89	<0.5	<5	<0.5
40096713		1	13.2	1.13	70	0.1	<0.01	<0.005	<0.05	0.5	<0.01	1.07	101.94	<0.5	<5	<0.5
40096714		<1	13.3	1.17	65	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.15	101.22	<0.5	<5	<0.5
40096715		1	13.2	1.11	73	0.3	0.01	<0.005	0.05	0.5	<0.01	2.26	100.80	<0.5	<5	<0.5
40096716		2	13.7	1.34	65	<0.1	0.01	<0.005	<0.05	0.4	0.01	0.95	100.97	<0.5	<5	<0.5
40096717		1	14.3	1.41	85	0.5	0.01	<0.005	<0.05	0.3	0.01	1.15	101.12	<0.5	<5	<0.5
40096718		1	13.7	1.29	68	0.3	0.01	<0.005	<0.05	0.5	<0.01	1.21	99.01	<0.5	<5	<0.5
40096719		1	13.5	1.25	67	<0.1	0.01	<0.005	0.05	0.3	0.01	2.72	98.62	<0.5	<5	<0.5
40096720		3	4.5	0.39	24	1.2	0.10	0.020	0.50	1.2	0.17	10.85	98.72	1.0	<5	1.0
40096721		1	14.3	1.25	75	<0.1	0.01	<0.005	<0.05	0.3	<0.01	1.22	98.06	<0.5	<5	<0.5
40096722		1	14.3	1.31	74	<0.1	0.01	<0.005	<0.05	0.4	<0.01	1.52	98.13	<0.5	<5	<0.5
40096723		1	13.8	1.21	69	0.2	0.01	<0.005	<0.05	0.4	0.02	1.09	98.85	<0.5	<5	<0.5
40096724		1	13.3	1.19	68	<0.1	0.01	<0.005	<0.05	0.3	0.02	1.92	99.22	<0.5	<5	<0.5
40096725		1	13.0	1.22	68	0.2	0.01	<0.005	<0.05	0.3	0.01	1.38	99.50	<0.5	<5	<0.5
40096726		1	13.4	1.28	65	<0.1	0.01	<0.005	<0.05	0.4	0.02	1.35	98.30	<0.5	<5	<0.5



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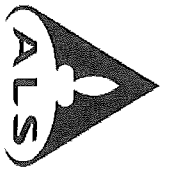
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CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PGM-MS24	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
		Co ppm 1	Cu ppm 1	Li ppm 10	Mo ppm 1	Ni ppm 1	Pb ppm 2	Sr ppm 1	Zn ppm 2	Au ppm 0.001	Pt ppm 0.0005	Pd ppm 0.001	Au ppm 0.03	Pt ppm 0.03	Pd ppm 0.03	
40096089		58	101	10	<1	338	<2	13	76	0.002	0.0042	0.007				
40096089 CRD		58	101	10	<1	341	<2	14	77	0.002	0.0041	0.007				
40096090		147	564	<10	1	1910	61	10	196	0.023	0.0060	0.004				
40096091		57	100	10	<1	309	<2	14	73	0.004	0.0043	0.007				
40096092		57	103	10	<1	325	<2	14	83	0.002	0.0043	0.007				
40096093		56	98	10	<1	313	<2	14	74	0.003	0.0042	0.007				
40096094		58	103	10	<1	322	<2	14	77	0.002	0.0043	0.007				
40096095		61	107	10	<1	361	2	15	80	0.002	0.0045	0.008				
40096096		59	98	10	<1	338	<2	14	79	0.002	0.0045	0.007				
40096097		60	106	10	<1	365	<2	15	77	0.002	0.0043	0.007				
40096098		61	94	10	<1	366	<2	13	74	0.002	0.0037	0.007				
40096099		60	97	10	<1	375	<2	12	75	0.002	0.0040	0.007				
40096700		58	94	10	<1	359	<2	12	72	0.002	0.0040	0.007				
40096701		57	86	10	<1	344	<2	13	69	0.002	0.0042	0.007				
40096702		58	99	10	<1	351	<2	12	72	0.003	0.0041	0.007				
40096703		58	102	10	<1	344	<2	13	71	0.002	0.0042	0.007				
40096704		59	97	10	<1	369	<2	12	75	0.002	0.0039	0.007				
40096705		59	95	10	<1	369	<2	13	72	0.002	0.0038	0.007				
40096706		64	95	10	<1	391	<2	13	74	0.002	0.0042	0.008				
40096707		63	97	10	<1	401	<2	12	77	0.002	0.0041	0.008				
40096708		65	102	10	<1	411	<2	13	78	0.002	0.0039	0.008				
40096709		66	100	10	<1	427	<2	12	87	0.003	0.0042	0.007				
40096709 CRD		65	95	10	<1	420	<2	11	85	0.003	0.0043	0.007				
40096710		59	57	10	<1	60	2	36	121	0.001	0.0006	0.001				
40096711		62	99	10	<1	398	<2	11	81	0.002	0.0043	0.007				
40096712		68	97	20	<1	437	<2	11	81	0.002	0.0041	0.008				
40096713		59	94	10	<1	375	<2	11	81	0.002	0.0036	0.007				
40096714		54	91	10	<1	349	<2	11	69	0.002	0.0041	0.007				
40096715		56	86	20	<1	349	2	12	74	0.002	0.0039	0.007				
40096716		55	94	10	<1	343	<2	11	69	0.002	0.0039	0.008				
40096717		55	97	10	<1	335	<2	12	83	0.003	0.0042	0.008				
40096718		50	93	10	<1	302	<2	12	66	0.003	0.0038	0.008				
40096719		50	91	30	<1	314	10	11	100	0.002	0.0043	0.008				
40096720		138	575	10	2	1875	60	10	198	0.015	0.0064	0.004				
40096721		52	98	20	<1	341	<2	11	82	0.002	0.0040	0.008				
40096722		51	105	20	<1	319	<2	12	79	0.003	0.0045	0.008				
40096723		53	107	20	<1	348	<2	12	76	0.002	0.0043	0.009				
40096724		56	92	20	<1	382	<2	11	77	0.002	0.0040	0.008				
40096725		57	89	20	<1	415	<2	12	74	<0.001	<0.0005	<0.001				
40096726		63	95	20	<1	461	<2	11	80	0.003	0.0044	0.010				



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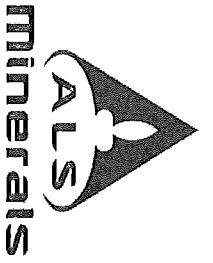
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CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	WI-E21	CRU-QC	PUL-QC	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	
		Recvd Wt. Kg	Pass2mm %	Pass75um %	SI02 %	Al2O3 %	Fe2O3 %	CaO %	Na2O %	MgO %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SiO %								
40096727		10.92			45.8	18.80	10.25	10.15	2.06	10.80	0.33	0.03	0.85	0.13	0.09	0.03								
40096728		10.56			45.8	19.05	10.15	10.30	2.08	10.50	0.33	0.03	0.90	0.13	0.08	0.03								
40096729		4.45			46.8	20.2	9.71	10.80	2.22	9.23	0.29	0.02	0.92	0.13	0.09	0.03								
40096729 CRD		<0.02			47.5	20.1	9.34	10.65	2.18	8.85	0.32	0.02	0.89	0.12	0.12	0.03								
40096730		5.31			45.5	19.75	9.32	10.50	2.14	9.14	0.31	0.02	0.86	0.12	0.10	0.03								
40096731		10.54			45.1	18.75	10.15	9.92	1.96	10.65	0.30	0.02	0.88	0.13	0.09	0.03								
40096732		10.88			45.2	18.45	9.39	9.87	2.10	9.07	0.36	0.02	0.86	0.11	0.10	0.03								
40096733		10.13			45.8	19.85	9.57	10.45	2.10	9.48	0.29	0.02	0.89	0.12	0.09	0.04								
40096734		10.65			45.9	19.40	10.05	10.20	2.09	10.20	0.36	0.02	0.91	0.12	0.04	0.04								
40096735		10.66			46.4	19.90	9.69	10.65	2.09	10.10	0.35	0.02	0.86	0.12	0.09	0.04								
40096736		9.82			45.7	18.95	10.15	10.05	2.01	10.90	0.30	0.02	0.86	0.13	0.09	0.03								
40096737		10.06			45.1	18.95	9.76	9.97	2.02	10.65	0.30	0.02	0.87	0.12	0.09	0.04								
40096738		11.30			44.5	18.75	9.67	9.95	2.00	9.86	0.26	0.02	0.86	0.13	0.09	0.03								
40096739		10.15			44.9	18.90	9.84	10.15	1.99	10.70	0.32	0.03	0.83	0.12	0.08	0.03								
40096740		0.27			51.3	13.55	13.00	9.51	2.53	6.59	0.83	0.03	1.55	0.17	0.11	0.04								
40096741		10.18			45.5	18.80	9.99	10.30	1.91	11.60	0.33	0.03	0.78	0.13	0.08	0.03								
40096742		10.31			45.8	19.85	9.36	10.70	1.99	10.30	0.27	0.03	0.81	0.12	0.07	0.03								
40096743		10.89			46.3	19.85	9.62	10.60	2.02	10.70	0.28	0.03	0.82	0.12	0.09	0.03								
40096744		10.42			47.0	21.1	8.94	11.15	2.14	9.08	0.32	0.03	0.83	0.11	0.09	0.04								
40096745		10.46	79.3	87.6	45.4	19.00	9.92	10.10	1.91	11.30	0.34	0.04	0.79	0.12	0.08	0.03								
40096746		10.45			44.5	18.10	9.93	10.10	1.79	11.60	0.27	0.04	0.79	0.12	0.07	0.03								
40096747		10.49			45.0	17.10	10.40	9.41	1.82	12.00	0.31	0.04	0.75	0.13	0.09	0.03								
40096748		10.72			44.1	17.20	10.85	9.33	1.79	13.15	0.30	0.04	0.81	0.13	0.07	0.03								
40096749		10.43			44.4	18.60	9.76	10.20	1.88	11.20	0.33	0.04	0.84	0.12	0.09	0.03								
40096749 CRD		<0.02			44.0	18.55	9.56	10.15	1.86	10.90	0.26	0.04	0.84	0.12	0.09	0.03								
40096750		0.16			36.4	3.12	13.60	2.11	0.22	32.2	0.12	0.59	0.27	0.16	0.03	<0.01								
40096751		10.38			45.7	18.95	10.30	10.10	1.92	11.75	0.36	0.04	0.78	0.13	0.09	0.03								
40096752		10.50			45.8	19.15	10.20	10.15	1.93	11.75	0.29	0.04	0.81	0.13	0.09	0.03								
40096753		10.49			44.9	18.80	9.86	10.15	1.92	11.20	0.28	0.04	0.82	0.12	0.09	0.03								
40096754		10.28			45.2	18.60	10.15	10.20	1.88	11.85	0.27	0.04	0.79	0.12	0.09	0.03								
40096755		10.70			44.4	19.05	9.42	10.35	1.89	10.55	0.25	0.04	0.79	0.12	0.08	0.03								
40096756		10.50			45.2	18.80	9.41	10.15	1.91	10.15	0.25	0.03	0.74	0.12	0.08	0.03								
40096757		9.99			45.6	19.15	9.09	10.90	1.94	10.90	0.24	0.03	0.77	0.11	0.08	0.03								
40096758		11.00			44.5	19.95	8.90	10.65	1.86	10.10	0.24	0.03	0.73	0.11	0.07	0.03								
40096759		4.45			44.1	18.85	9.54	10.15	1.81	11.55	0.28	0.03	0.69	0.12	0.07	0.03								
40096760		5.22			45.4	19.30	9.89	10.45	1.84	12.00	0.24	0.03	0.70	0.12	0.07	0.03								
40096761		10.50			44.9	18.40	9.60	10.00	1.82	11.05	0.26	0.03	0.71	0.12	0.08	0.03								
40096762		10.65			44.1	19.30	8.99	10.25	1.73	10.80	0.32	0.03	0.71	0.11	0.08	0.03								
40096763		10.45			45.2	18.25	9.80	9.85	1.76	11.60	0.36	0.03	0.67	0.12	0.08	0.04								
40096764		10.36			45.4	17.00	11.20	9.05	1.60	14.60	0.26	0.03	0.66	0.13	0.07	0.03								

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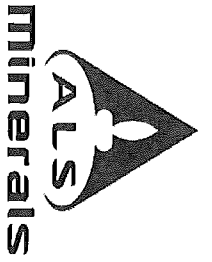
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Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40096727	0.01	<0.01	0.03	109.5	16.5	180	1.53	2.09	1.20	0.89	17.2	2.40	1.9	0.42	7.5	
40096728	0.01	0.01	0.02	109.5	17.6	180	1.73	2.17	1.23	0.87	18.3	2.49	1.8	0.45	7.9	
40096729	0.01	0.01	0.03	106.5	17.7	150	1.57	2.24	1.29	0.92	18.2	2.69	1.8	0.45	8.2	
40096729 CRD	0.01	0.01	0.03	113.0	19.0	160	1.60	2.48	1.38	0.96	19.5	2.69	2.0	0.47	8.5	
40096730	0.01	<0.01	0.03	105.5	16.4	160	1.51	2.29	1.22	0.93	17.1	2.25	1.7	0.47	7.3	
40096731	0.01	0.01	0.03	130.5	18.8	200	1.64	2.61	1.46	1.05	20.2	2.59	2.0	0.55	8.6	
40096732	0.01	0.01	0.03	110.5	16.6	160	1.37	2.51	1.34	0.94	17.4	2.22	1.8	0.48	7.4	
40096733	0.01	0.03	0.03	111.0	15.8	160	1.85	2.24	1.30	0.88	16.6	2.18	1.6	0.45	7.2	
40096734	0.01	<0.01	0.03	127.5	18.4	180	1.53	2.62	1.51	1.07	18.7	2.47	1.8	0.52	8.4	
40096735	0.01	0.02	0.02	136.5	18.9	220	1.43	2.84	1.56	1.08	21.0	2.66	2.0	0.58	8.6	
40096736	0.01	0.01	0.03	132.0	18.3	200	1.50	2.50	1.49	1.01	19.9	2.64	1.9	0.53	8.4	
40096737	0.01	0.01	0.02	118.5	15.6	180	1.96	2.22	1.50	0.85	17.5	2.35	1.7	0.42	6.9	
40096738	0.01	0.01	0.02	98.9	14.8	160	1.85	2.00	1.18	0.82	14.9	2.25	1.4	0.42	6.6	
40096739	0.01	0.01	0.02	125.0	16.5	210	1.65	2.42	1.34	0.91	18.3	2.15	1.6	0.48	7.7	
40096740	0.04	0.14	0.12	333	31.9	240	0.71	3.51	1.97	1.27	19.5	3.58	2.7	0.69	15.8	
40096741	0.01	0.01	0.02	105.5	15.9	250	1.56	2.17	1.26	0.96	18.2	2.38	1.5	0.45	7.2	
40096742	0.01	<0.01	0.01	119.5	16.4	220	1.38	2.39	1.27	0.89	18.3	2.26	1.5	0.45	7.5	
40096743	0.01	0.02	0.03	108.0	15.8	240	1.35	2.13	1.33	0.92	17.8	2.21	1.7	0.45	7.2	
40096744	0.01	0.01	0.03	116.5	17.0	240	1.38	2.30	1.35	0.92	18.4	2.29	1.7	0.44	7.5	
40096745	0.01	0.01	0.02	120.0	15.9	310	1.56	2.20	1.43	0.90	18.0	2.24	1.8	0.42	7.2	
40096746	0.01	0.02	0.02	104.5	15.8	310	1.78	2.02	1.19	0.89	16.5	2.30	1.5	0.43	7.1	
40096747	0.01	0.01	0.02	110.5	15.8	330	1.53	2.14	1.21	0.90	16.5	2.25	1.6	0.43	7.2	
40096748	0.01	0.01	0.02	105.5	15.9	310	1.33	2.28	1.27	0.89	16.7	2.15	1.7	0.47	7.1	
40096749	0.01	0.02	0.02	103.5	16.5	290	1.38	2.25	1.45	0.88	17.7	2.47	1.8	0.45	7.5	
40096749 CRD	0.01	0.02	0.02	106.5	16.9	300	1.36	2.47	1.36	0.88	18.3	2.33	1.8	0.46	7.7	
40096750	0.08	0.22	0.36	719	6.2	4210	0.16	0.75	0.40	0.23	4.5	0.78	0.7	0.14	2.9	
40096751	0.01	0.01	0.02	124.0	17.3	320	1.66	2.30	1.45	1.04	17.8	2.39	1.6	0.46	7.9	
40096752	0.01	0.01	0.02	118.0	16.6	320	1.38	2.27	1.32	0.96	17.2	2.12	1.7	0.49	7.7	
40096753	0.01	0.01	0.02	113.5	16.2	280	1.98	2.24	1.35	0.90	17.5	2.31	1.6	0.42	7.2	
40096754	0.01	0.01	0.01	117.0	17.0	310	1.53	2.53	1.44	0.95	18.4	2.39	1.8	0.48	7.8	
40096755	0.01	<0.01	0.02	107.0	14.6	260	1.37	1.92	1.09	0.83	16.1	1.96	1.6	0.42	6.5	
40096756	0.01	0.02	0.02	119.0	16.0	280	1.66	2.12	1.27	1.00	18.3	2.14	1.6	0.43	7.3	
40096757	0.01	<0.01	0.01	106.5	15.6	240	1.60	2.11	1.22	0.84	18.0	1.96	1.6	0.42	7.2	
40096758	0.01	0.01	0.01	118.5	15.7	240	1.65	2.25	1.15	0.95	19.1	2.22	1.5	0.42	7.3	
40096759	0.01	0.01	0.02	93.9	13.4	190	1.84	1.94	1.13	0.76	15.6	1.67	1.6	0.37	6.1	
40096760	0.01	0.01	0.02	120.0	18.1	270	1.92	2.49	1.40	1.08	20.3	2.66	2.0	0.50	8.4	
40096761	0.01	0.01	0.01	93.7	13.6	190	1.52	1.93	1.05	0.83	15.4	1.70	1.4	0.36	6.3	
40096762	0.01	0.01	0.02	142.0	15.6	220	1.73	2.17	1.16	0.90	17.4	2.03	1.5	0.42	7.0	
40096763	0.01	<0.01	0.02	108.5	13.5	210	1.57	1.80	1.00	0.78	16.2	1.97	1.3	0.42	6.1	
40096764	0.01	<0.01	0.02	88.3	13.6	210	1.64	1.99	1.14	0.78	14.8	1.90	1.3	0.43	6.1	

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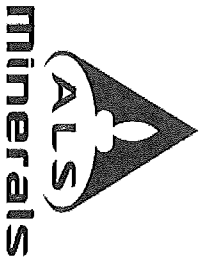
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Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm					
40096727	0.17	5.2	9.2	2.15	11.2	2.19	283	<0.1	0.37	0.73	<0.5	0.17	0.17	107						
40096728	0.18	5.2	9.7	2.27	10.4	2.45	290	0.2	0.38	0.69	<0.5	0.18	0.17	111						
40096729	0.17	5.2	9.9	2.24	9.1	2.30	282	0.1	0.40	0.76	<0.5	0.18	0.17	109						
40096729 CRD	0.18	5.6	10.5	2.47	9.0	2.62	297	0.1	0.43	0.80	<0.5	0.20	0.21	113						
40096730	0.19	4.6	9.1	2.07	8.1	2.02	282	0.3	0.37	0.78	<0.5	0.18	0.15	101						
40096731	0.22	5.4	10.4	2.52	11.7	2.49	305	0.4	0.41	0.90	<0.5	0.23	0.17	123						
40096732	0.17	4.7	9.2	2.17	8.2	2.27	273	0.3	0.38	0.67	<0.5	0.19	0.17	105						
40096733	0.18	4.4	9.2	2.00	7.3	2.23	288	0.3	0.38	0.71	<0.5	0.18	0.17	105						
40096734	0.22	5.4	10.7	2.40	11.1	2.70	309	0.4	0.41	0.84	<0.5	0.21	0.17	120						
40096735	0.22	5.4	11.0	2.54	12.7	2.84	342	0.4	0.46	0.86	<0.5	0.21	0.23	128						
40096736	0.19	5.1	10.2	2.41	10.2	2.59	308	0.3	0.45	0.74	<0.5	0.21	0.19	120						
40096737	0.20	4.8	9.0	2.08	8.9	2.32	275	0.3	0.36	0.74	<0.5	0.21	0.18	105						
40096738	0.16	4.2	8.1	1.96	7.2	1.95	241	0.3	0.33	0.62	<0.5	0.14	0.16	92						
40096739	0.16	4.6	9.8	2.19	10.6	2.34	286	0.3	0.39	0.92	<0.5	0.20	0.19	109						
40096740	0.25	8.6	15.8	3.91	22.3	3.92	321	0.6	0.59	2.89	<0.5	0.29	0.51	343						
40096741	0.19	4.3	8.9	2.12	9.3	2.23	282	0.3	0.37	0.77	<0.5	0.19	0.17	107						
40096742	0.18	4.5	9.3	2.15	8.5	2.23	303	0.3	0.36	0.68	<0.5	0.19	0.17	105						
40096743	0.21	4.4	9.3	2.13	6.9	2.39	290	0.3	0.38	0.71	<0.5	0.16	0.14	103						
40096744	0.19	4.6	9.4	2.14	9.9	2.34	314	0.3	0.39	0.76	<0.5	0.19	0.16	105						
40096745	0.20	4.3	8.9	2.19	10.7	2.05	297	0.3	0.38	0.73	<0.5	0.19	0.16	104						
40096746	0.17	4.2	8.2	1.99	9.0	2.12	262	0.3	0.36	0.65	<0.5	0.16	0.15	100						
40096747	0.17	4.7	8.8	2.04	9.3	2.17	273	0.3	0.37	0.69	<0.5	0.19	0.15	105						
40096748	0.17	4.4	8.9	2.12	9.4	2.41	262	0.4	0.40	0.79	<0.5	0.17	0.14	101						
40096749	0.18	4.7	9.2	2.17	8.9	2.57	266	0.3	0.35	0.79	<0.5	0.18	0.20	101						
40096749 CRD	0.20	5.0	9.9	2.17	8.2	2.36	274	0.3	0.39	0.69	<0.5	0.18	0.18	106						
40096750	0.06	1.4	3.2	0.80	3.4	0.75	48.1	0.1	0.11	0.53	<0.5	0.06	0.12	37						
40096751	0.17	4.6	9.5	2.28	11.2	2.54	303	0.3	0.39	0.71	<0.5	0.19	0.15	103						
40096752	0.20	4.9	10.4	2.19	8.8	2.31	296	0.3	0.40	0.74	<0.5	0.19	0.21	103						
40096753	0.19	4.6	9.0	2.16	8.5	2.31	280	0.3	0.38	0.79	<0.5	0.18	0.16	104						
40096754	0.19	4.6	9.4	2.20	9.1	2.39	294	0.3	0.38	0.82	<0.5	0.21	0.17	109						
40096755	0.17	4.1	8.7	1.92	6.6	1.94	271	0.3	0.35	0.62	<0.5	0.19	0.15	92						
40096756	0.19	4.7	9.4	2.10	8.4	2.28	308	0.3	0.37	0.77	<0.5	0.18	0.17	103						
40096757	0.17	4.4	8.4	2.03	6.9	2.21	313	0.3	0.34	0.70	<0.5	0.16	0.19	100						
40096758	0.19	4.4	8.9	2.21	8.2	2.23	326	0.3	0.38	0.70	<0.5	0.18	0.20	101						
40096759	0.15	3.6	7.6	1.68	8.5	1.77	262	0.2	0.33	0.57	<0.5	0.17	0.13	83						
40096760	0.21	5.0	10.4	1.92	8.8	2.37	343	0.4	0.42	0.79	<0.5	0.20	0.22	112						
40096761	0.17	3.9	7.6	1.79	8.3	1.98	266	0.2	0.30	0.62	<0.5	0.15	0.12	85						
40096762	0.16	4.3	8.6	2.08	13.5	2.26	317	0.3	0.37	0.65	<0.5	0.18	0.12	97						
40096763	0.16	3.7	8.1	1.79	12.2	1.75	283	0.2	0.32	0.55	<0.5	0.16	0.12	88						
40096764	0.14	3.5	7.8	1.65	7.7	1.72	261	0.2	0.34	0.59	<0.5	0.15	0.16	89						



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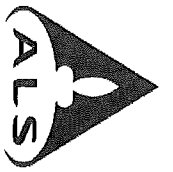
Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

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Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS91	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81
		W ppm	Y ppm	Yb ppm	Zr ppm	As ppm	Bi ppm	Hg ppm	SP ppm	Se ppm	Te ppm	LOI %	Total %	Ag ppm	AS ppm	Cd ppm	
40096727	<1	11.5	1.11	74	0.1	0.01	<0.005	0.05	0.3	0.01	1.39	100.72	<0.5	<5	<0.5		
40096728	21	12.2	1.15	69	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.56	100.95	<0.5	<5	<0.5		
40096729	5	12.2	1.19	70	<0.1	0.02	<0.005	<0.05	0.4	0.01	1.21	101.86	<0.5	<5	0.6		
40096729 CRD	<1	13.1	1.32	82	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.21	101.34	<0.5	<5	<0.5		
40096730	<1	11.8	1.29	64	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.07	98.87	<0.5	<5	<0.5		
40096731	1	13.7	1.38	70	<0.1	0.01	<0.005	0.06	0.3	0.01	1.95	99.94	<0.5	<5	0.6		
40096732	<1	12.1	1.27	64	<0.1	0.01	<0.005	0.05	0.4	0.01	2.23	97.80	<0.5	<5	<0.5		
40096733	<1	11.6	1.28	57	<0.1	0.01	<0.005	0.05	0.3	0.01	1.36	100.07	<0.5	<5	0.6		
40096734	<1	13.1	1.41	68	<0.1	0.01	<0.005	<0.05	0.4	0.01	0.91	100.51	<0.5	<5	<0.5		
40096735	<1	14.7	1.44	73	<0.1	0.01	<0.005	0.05	0.3	0.01	1.67	101.99	<0.5	<5	0.5		
40096736	1	13.4	1.22	68	<0.1	0.02	<0.005	<0.05	0.3	0.01	1.22	100.42	<0.5	<5	<0.5		
40096737	<1	11.7	1.19	63	<0.1	0.01	<0.005	0.05	0.4	0.01	1.41	99.31	<0.5	<5	<0.5		
40096738	<1	10.4	0.99	53	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.33	98.05	<0.5	<5	<0.5		
40096739	1	12.2	1.31	61	<0.1	0.02	<0.005	<0.05	0.3	0.01	1.27	99.17	<0.5	<5	<0.5		
40096740	1	17.7	1.82	100	0.1	0.01	<0.005	<0.05	0.5	<0.01	1.13	100.38	<0.5	<5	0.5		
40096741	1	11.9	1.23	57	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.59	101.08	<0.5	<5	<0.5		
40096742	1	11.8	1.12	61	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.64	100.98	<0.5	<5	0.5		
40096743	1	11.5	1.17	64	<0.1	0.01	<0.005	<0.05	0.3	<0.01	0.86	101.32	<0.5	<5	<0.5		
40096744	<1	12.2	1.20	59	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.10	101.94	<0.5	<5	<0.5		
40096745	<1	11.7	1.18	61	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.20	100.24	<0.5	<5	0.8		
40096746	1	11.2	1.14	56	<0.1	0.01	<0.005	0.06	0.3	<0.01	2.15	99.50	<0.5	<5	<0.5		
40096747	<1	11.4	1.25	60	<0.1	0.01	<0.005	0.06	0.3	0.01	1.19	98.28	<0.5	<5	<0.5		
40096748	1	11.8	1.18	59	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.21	99.02	<0.5	<5	<0.5		
40096749	1	11.8	1.22	66	<0.1	<0.01	<0.005	0.06	0.4	0.01	1.67	99.17	<0.5	<5	<0.5		
40096749 CRD	<1	11.8	1.34	64	<0.1	<0.01	<0.005	<0.05	0.3	0.01	1.62	98.03	<0.5	<5	<0.5		
40096750	<1	3.9	0.45	19	1.4	0.10	0.016	0.51	1.2	0.18	10.45	99.35	1.3	<5	1.1		
40096751	1	12.1	1.30	62	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.42	101.58	<0.5	<5	<0.5		
40096752	1	12.3	1.34	63	<0.1	0.01	<0.005	<0.05	0.3	0.01	0.98	101.36	<0.5	<5	<0.5		
40096753	1	11.9	1.24	62	0.1	0.01	<0.005	<0.05	0.3	0.01	1.58	99.80	<0.5	<5	<0.5		
40096754	1	12.6	1.36	67	<0.1	<0.01	<0.005	<0.05	0.3	0.01	1.38	100.61	<0.5	<5	<0.5		
40096755	<1	10.7	1.14	57	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.18	98.16	<0.5	<5	<0.5		
40096756	1	11.7	1.17	61	<0.1	0.01	<0.005	<0.05	0.3	<0.01	1.15	98.04	<0.5	<5	<0.5		
40096757	1	11.0	1.10	57	<0.1	0.02	<0.005	<0.05	0.3	0.01	1.49	100.64	<0.5	<5	0.5		
40096758	1	11.5	1.28	59	<0.1	0.01	<0.005	<0.05	0.3	<0.01	1.57	98.75	<0.5	<5	<0.5		
40096759	1	9.8	1.19	50	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.70	98.93	<0.5	<5	<0.5		
40096760	1	12.9	1.44	71	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.74	101.82	<0.5	<5	<0.5		
40096761	1	9.6	1.06	47	<0.1	0.01	<0.005	<0.05	0.3	0.01	1.62	98.63	<0.5	<5	<0.5		
40096762	1	10.8	1.19	56	<0.1	0.01	0.010	<0.05	0.3	0.01	2.76	99.22	<0.5	<5	<0.5		
40096763	<1	10.1	1.13	47	<0.1	0.01	0.006	<0.05	0.3	0.01	1.31	99.08	<0.5	<5	<0.5		
40096764	4	10.0	0.97	47	<0.1	0.01	0.006	<0.05	0.3	<0.01	1.73	101.77	<0.5	<5	<0.5		

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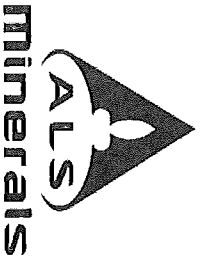
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Project: EB800017741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-4ACDB1 Co ppm	ME-4ACDB1 Cu ppm	ME-4ACDB1 Li ppm	ME-4ACDB1 Mo ppm	ME-4ACDB1 Ni ppm	ME-4ACDB1 Pb ppm	ME-4ACDB1 Sc ppm	ME-4ACDB1 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm	PGM-ICP27 Pd ppm
40096727		57	95	30	<1	400	<2	11	76	0.002	0.0038	0.008			
40096728		57	102	10	<1	402	3	10	75	0.002	0.0040	0.009			
40096729		55	107	10	<1	354	3	10	84	0.002	0.0042	0.010			
40096729 CRD		50	103	10	<1	336	2	10	83	0.002	0.0040	0.008			
40096730		52	98	10	<1	342	2	10	82	0.002	0.0040	0.008			
40096731		60	100	20	<1	430	<2	10	86	0.002	0.0041	0.009			
40096732		55	99	20	<1	392	<2	11	71	0.003	0.0045	0.010			
40096733		53	93	20	<1	372	2	10	82	0.002	0.0044	0.010			
40096734		57	98	10	<1	409	7	12	77	0.002	0.0043	0.010			
40096735		55	90	20	<1	387	4	13	78	0.002	0.0045	0.012			
40096736		61	98	10	<1	438	2	11	89	0.002	0.0045	0.012			
40096737		60	92	10	<1	440	<2	12	81	0.002	0.0047	0.010			
40096738		60	103	10	<1	427	<2	12	86	0.002	0.0045	0.010			
40096739		59	97	10	<1	442	<2	12	80	0.002	0.0046	0.009			
40096740		49	57	10	<1	64	<2	30	100	0.001	<0.0005	<0.001			
40096741		60	84	20	<1	471	<2	11	83	0.002	0.0047	0.009			
40096742		57	75	20	<1	430	2	11	71	0.002	0.0044	0.010			
40096743		60	100	10	<1	454	<2	11	82	0.002	0.0043	0.008			
40096744		50	87	10	<1	362	<2	11	70	0.002	0.0042	0.009			
40096745		64	86	20	<1	485	<2	11	84	0.002	0.0042	0.009			
40096746		63	81	20	<1	506	<2	12	79	0.002	0.0041	0.006			
40096747		68	93	10	<1	566	4	10	88	0.002	0.0033	0.005			
40096748		70	86	10	<1	572	3	9	77	0.002	0.0039	0.006			
40096749		62	86	10	<1	491	<2	11	71	0.002	0.0036	0.005			
40096749 CRD		60	92	10	<1	479	<2	10	69	0.002	0.0037	0.005			
40096750		142	584	<10	2	1960	60	10	209	0.012	0.0050	0.003			
40096751		66	91	10	<1	520	<2	11	83	0.002	0.0036	0.005			
40096752		63	92	10	<1	503	<2	9	85	0.002	0.0038	0.006			
40096753		61	96	10	<1	486	<2	11	73	0.002	0.0035	0.005			
40096754		67	92	10	<1	540	3	12	76	0.002	0.0035	0.006			
40096755		60	91	10	<1	472	<2	11	72	0.002	0.0036	0.006			
40096756		59	93	10	<1	466	<2	11	86	0.002	0.0036	0.007			
40096757		56	82	10	<1	443	<2	10	77	0.002	0.0033	0.006			
40096758		57	81	10	<1	448	<2	10	69	0.004	0.0033	0.006			
40096759		64	84	10	<1	534	<2	10	73	0.002	0.0035	0.006			
40096760		62	80	<10	<1	529	<2	10	73	0.002	0.0035	0.006			
40096761		64	89	10	<1	530	<2	9	72	0.002	0.0037	0.007			
40096762		57	75	20	<1	477	<2	9	63	0.002	0.0036	0.007			
40096763		65	83	20	<1	557	<2	9	70	0.002	0.0043	0.007			
40096764		75	84	10	<1	688	<2	9	79	0.002	0.0046	0.007			

***** See Appendix Page for comments regarding this certificate *****



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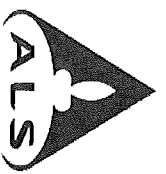
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EBB0001741

CERTIFICATE OF ANALYSIS TB14104188

Page: 5 - A
 Total # Pages: 5 (A - E)
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 Finalized Date: 4-AUG-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	GRU-QC Passzmm %	PUL-QC Pass75sum %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40096765		10.81			45.3	18.50	9.73	9.95	1.56	12.15	0.25	0.03	0.65	0.12	0.07	0.03
40096766		10.35			45.1	17.85	10.25	9.31	1.70	13.05	0.24	0.03	0.67	0.12	0.07	0.03
40096767		10.30			44.4	16.85	10.65	8.98	1.61	14.05	0.21	0.03	0.65	0.13	0.08	0.03
40096768		10.51			43.7	17.00	10.10	9.04	1.65	13.15	0.22	0.03	0.68	0.12	0.07	0.03
40096769		10.23			43.4	15.65	11.00	8.46	1.50	14.90	0.23	0.03	0.67	0.13	0.08	0.03
40096769 CRD		<0.02			44.5	15.85	11.35	8.59	1.61	15.50	0.22	0.03	0.69	0.14	0.08	0.02
40096770		0.29			50.4	14.20	13.70	9.40	2.47	6.55	0.70	0.01	1.73	0.17	0.10	0.03
40096771		9.99			41.3	14.70	11.40	7.92	1.46	15.95	0.21	0.03	0.64	0.13	0.08	0.03
40096772		10.80			42.6	13.45	12.20	7.39	1.42	17.50	0.19	0.03	0.70	0.15	0.08	0.02
40096773		10.46			40.7	12.35	12.95	6.94	1.34	18.95	0.18	0.03	0.68	0.15	0.08	0.02
40096774		10.84			43.5	15.70	10.70	8.46	1.61	14.70	0.23	0.03	0.67	0.13	0.08	0.02
40096775		10.45			43.4	17.25	10.40	9.37	1.66	13.30	0.26	0.03	0.71	0.12	0.08	0.03
40096776		10.23			43.0	15.90	11.30	8.60	1.52	14.75	0.28	0.03	0.74	0.14	0.08	0.03
40096777		10.70			44.7	16.25	11.00	8.73	1.64	14.05	0.32	0.03	0.79	0.13	0.09	0.03
40096778		10.77			45.3	18.45	9.63	9.00	1.72	11.00	0.69	0.03	0.79	0.12	0.09	0.04
40096779		10.48			43.3	18.10	9.54	9.95	1.62	10.85	0.48	0.03	0.77	0.12	0.09	0.03
40096780		0.16			36.8	3.19	14.00	2.10	0.24	32.5	0.11	0.59	0.26	0.16	0.03	<0.01
40096781		10.49			44.5	18.80	9.72	10.00	1.82	10.75	0.38	0.03	0.82	0.12	0.10	0.03
40096782		10.89			44.7	18.60	10.05	9.98	1.86	11.20	0.31	0.04	0.84	0.12	0.09	0.03
40096783		10.66			44.9	20.2	8.87	10.80	1.98	8.73	0.37	0.05	0.86	0.11	0.10	0.03
40096784		10.34			44.9	21.3	8.12	11.10	2.09	6.77	0.39	0.07	0.82	0.10	0.10	0.04
40096785		10.34			45.0	20.8	8.49	11.05	2.02	7.17	0.52	0.07	0.93	0.11	0.10	0.04
40096786		10.31			48.1	21.6	8.66	11.35	2.22	6.61	0.47	0.08	1.02	0.11	0.10	0.03
40096787		10.11			44.5	20.5	9.22	10.75	2.08	6.87	0.34	0.28	0.99	0.11	0.12	0.03
40096788		10.70			42.2	16.20	13.50	8.04	1.48	14.70	0.21	1.25	0.84	0.16	0.09	0.02
40096789		4.59			44.8	15.30	12.50	8.19	1.67	14.70	0.19	0.10	0.81	0.15	0.10	0.02
40096789 CRD		<0.02			43.9	15.15	12.15	8.12	1.65	14.30	0.21	0.10	0.79	0.15	0.09	0.02
40096790		5.19			44.3	15.25	12.35	8.04	1.68	14.45	0.21	0.10	0.77	0.15	0.09	0.02
40096791		11.24			43.8	13.20	13.35	7.41	1.41	17.10	0.22	0.07	0.76	0.16	0.08	0.02
40096792		9.79	72.0	89.1	42.5	13.20	13.05	7.31	1.49	17.15	0.23	0.06	0.67	0.16	0.08	0.02
40096793		0.96			42.8	17.10	13.80	7.35	1.36	17.20	0.26	0.06	0.73	0.16	0.09	0.02
40096794		5.40			45.7	17.00	11.60	9.66	1.96	10.75	0.33	0.23	1.13	0.14	0.12	0.03
40096795		5.38			45.7	18.60	10.15	9.79	1.97	9.79	0.53	0.04	0.93	0.13	0.11	0.03
40096796		5.27			46.7	17.90	11.00	10.10	2.62	7.76	0.44	0.15	1.51	0.14	0.16	0.03
40096797		5.75			45.3	20.4	9.31	10.80	2.26	7.38	0.49	0.26	1.12	0.12	0.13	0.04
40096798		5.26			44.7	19.00	10.70	10.10	2.12	8.85	0.39	0.19	1.13	0.13	0.12	0.03
40096799		4.97			44.0	20.0	8.84	10.45	1.77	9.40	0.31	0.07	0.71	0.11	0.07	0.03



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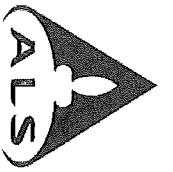
Page: 5 - B
Total # Pages: 5 (A - E)
Plus Appendix Pages
Finalized Date: 4-AUG-2014
Account: KAV

Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40096765		0.01	0.02	0.02	102.5	13.2	190	1.73	2.03	1.15	0.75	14.5	1.99	1.2	0.38	5.9
40096766		0.01	0.01	0.02	88.8	13.4	190	2.11	2.00	1.26	0.67	14.4	2.14	1.2	0.42	6.0
40096767		0.01	0.01	0.01	83.4	14.1	210	1.62	2.04	1.15	0.72	14.8	2.09	1.3	0.42	6.2
40096768		0.01	0.02	0.03	79.2	12.9	200	2.06	1.80	1.13	0.79	13.9	1.97	1.3	0.43	5.9
40096769		0.01	0.03	0.02	76.5	12.8	190	0.80	2.00	0.99	0.61	12.2	1.78	1.2	0.41	5.8
40096769 CRD		0.01	0.01	0.01	80.3	13.9	200	0.85	2.02	1.31	0.73	13.3	2.18	1.3	0.41	6.2
40096770		0.03	0.12	0.15	273	29.6	80	0.89	3.48	1.87	1.07	19.4	3.71	2.4	0.70	14.9
40096771		0.01	0.01	0.02	73.6	12.4	190	2.03	1.85	1.01	0.72	11.4	1.92	1.1	0.40	5.7
40096772		0.01	0.01	0.02	76.3	14.4	200	0.71	1.88	1.08	0.69	11.9	2.09	1.3	0.41	6.6
40096773		0.01	0.01	0.02	74.8	12.7	220	0.95	1.92	1.16	0.65	11.2	1.87	1.2	0.40	5.6
40096774		0.01	0.01	0.02	91.7	13.7	180	1.77	1.98	1.20	0.88	15.5	2.04	1.3	0.46	6.3
40096775		0.01	0.08	0.03	96.3	15.3	200	1.99	2.24	1.39	0.85	15.0	2.32	1.5	0.48	6.7
40096776		0.01	0.03	0.03	116.5	15.4	220	2.17	2.37	1.47	0.84	14.2	2.47	1.5	0.48	6.9
40096777		0.01	0.02	0.02	129.5	15.5	200	2.53	2.30	1.28	0.80	13.8	2.45	1.5	0.50	7.0
40096778		0.04	0.02	0.02	341	16.7	180	3.08	2.44	1.25	0.87	15.4	2.64	1.5	0.48	7.8
40096779		0.02	0.04	0.02	176.5	16.3	230	2.54	2.28	1.42	0.88	15.5	2.61	1.6	0.48	7.4
40096780		0.08	0.24	0.36	721	6.4	4100	0.21	0.68	0.50	0.20	4.9	0.85	0.5	0.17	3.1
40096781		0.01	0.02	0.02	138.5	17.9	260	2.99	2.64	1.51	0.92	16.0	2.76	1.6	0.54	8.1
40096782		0.01	0.01	0.02	107.5	17.4	250	1.54	2.40	1.44	0.91	15.1	2.45	1.6	0.53	7.9
40096783		0.01	0.01	0.02	115.5	17.3	400	1.70	2.34	1.38	0.90	16.1	2.54	1.7	0.52	7.8
40096784		0.02	0.01	0.02	176.5	18.4	490	1.54	2.82	1.61	0.99	17.6	2.93	1.9	0.57	8.4
40096785		0.03	0.05	0.03	298	19.0	470	2.31	2.85	1.59	1.01	17.7	2.95	1.7	0.60	8.7
40096786		0.03	0.01	0.03	231	19.1	520	2.44	2.86	1.63	1.00	17.4	2.80	2.0	0.62	8.5
40096787		0.02	0.01	0.04	132.5	18.4	1730	2.44	2.65	1.58	0.91	16.7	2.90	1.9	0.53	8.3
40096788		0.01	0.01	0.04	98.0	14.4	8290	2.09	2.23	1.24	0.70	17.4	2.33	1.3	0.44	6.6
40096789		0.01	0.02	0.03	89.8	16.7	720	1.94	2.58	1.50	0.75	13.6	2.48	1.7	0.50	7.5
40096789 CRD		0.01	0.01	0.01	94.2	17.5	700	1.98	2.35	1.50	0.84	13.8	2.83	1.7	0.52	7.9
40096790		0.01	0.03	0.03	94.2	17.1	690	1.85	2.36	1.42	0.79	13.8	2.75	1.8	0.52	7.8
40096791		0.01	0.02	0.03	85.1	16.4	480	2.51	2.33	1.42	0.72	12.9	2.34	1.6	0.52	7.7
40096792		0.01	0.03	0.02	84.6	14.2	430	0.31	2.07	1.22	0.68	12.3	2.10	1.3	0.40	6.6
40096793		0.01	0.02	0.29	87.0	15.6	430	1.40	2.24	1.34	0.69	12.2	2.31	1.4	0.52	7.1
40096794		0.01	0.02	0.07	118.5	20.4	1620	2.36	2.98	1.82	1.00	16.9	3.25	1.8	0.66	9.3
40096795		0.01	0.02	0.03	139.0	19.6	290	1.98	2.76	1.53	0.94	16.1	2.93	1.9	0.58	9.1
40096796		0.02	0.03	0.04	160.0	33.9	1130	2.55	4.25	2.51	1.39	19.9	4.43	3.6	0.88	15.6
40096797		0.02	0.03	0.04	141.0	23.3	1920	4.40	3.21	1.72	1.17	19.2	3.18	2.5	0.63	10.6
40096798		0.01	0.03	0.03	126.5	23.2	1480	2.89	3.21	1.72	1.18	19.2	3.34	2.4	0.63	10.7
40096799		0.01	0.07	0.02	105.0	16.0	540	3.95	1.99	1.03	0.94	16.6	2.05	1.4	0.39	7.6

***** See Appendix Page for comments regarding this certificate *****



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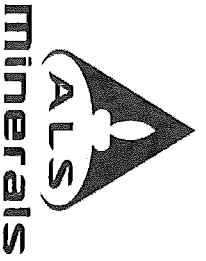
Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Page: 5 - C
 Total # Pages: 5 (A - E)
 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
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Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm							
40096765	0.18	3.5	8.1	1.60	7.6	1.80	1	287	0.2	0.27	0.51	<0.5	0.17	0.12	87							
40096766	0.16	3.6	7.6	1.77	7.4	1.66	1	288	0.2	0.33	0.49	<0.5	0.16	0.13	87							
40096767	0.18	3.6	8.2	1.78	6.3	1.81	1	287	0.2	0.33	0.52	<0.5	0.17	0.12	91							
40096768	0.16	3.5	7.6	1.69	6.3	1.77	<1	266	0.2	0.33	0.52	<0.5	0.14	0.14	88							
40096769	0.14	3.3	7.5	1.63	6.4	1.98	1	226	0.2	0.31	0.50	<0.5	0.15	0.11	83							
40096769 CRD	0.15	3.5	8.3	1.73	6.1	1.69	<1	238	0.2	0.34	0.50	<0.5	0.14	0.12	88							
40096770	0.25	7.3	15.3	3.67	19.8	3.69	1	331	0.4	0.61	2.58	<0.5	0.27	0.44	449							
40096771	0.14	3.7	7.3	1.64	7.0	1.96	<1	223	0.2	0.34	0.63	<0.5	0.15	0.19	87							
40096772	0.15	7.9	8.3	1.87	5.0	1.90	1	191.0	0.2	0.35	0.66	<0.5	0.16	0.15	90							
40096773	0.14	4.4	7.0	1.66	5.0	1.56	1	181.0	0.2	0.32	0.54	<0.5	0.14	0.13	89							
40096774	0.14	4.0	7.7	1.80	6.7	2.11	1	242	0.2	0.36	0.54	<0.5	0.14	0.13	88							
40096775	0.16	4.4	8.9	1.99	8.0	1.93	1	272	0.3	0.37	0.62	<0.5	0.18	0.14	102							
40096776	0.16	4.4	8.6	2.03	9.2	1.96	1	256	0.2	0.36	0.62	<0.5	0.18	0.16	102							
40096777	0.19	4.4	8.7	1.97	10.2	2.18	1	267	0.2	0.35	0.60	<0.5	0.18	0.14	104							
40096778	0.16	4.6	9.6	2.21	28.9	2.20	1	347	0.3	0.40	0.71	<0.5	0.20	0.17	102							
40096779	0.17	4.5	9.3	2.16	18.0	2.19	1	283	0.3	0.40	0.66	0.5	0.15	0.16	105							
40096780	0.06	1.2	3.4	0.83	3.2	0.61	1	50.3	0.1	0.14	0.50	<0.5	0.06	0.12	49							
40096781	0.20	4.8	10.2	2.27	11.4	2.52	1	314	0.3	0.46	0.78	<0.5	0.20	0.22	106							
40096782	0.18	4.3	9.8	2.25	8.6	2.29	1	275	0.2	0.42	0.69	<0.5	0.20	0.15	104							
40096783	0.18	4.6	9.9	2.26	10.0	2.08	1	298	0.2	0.43	0.70	<0.5	0.21	0.17	113							
40096784	0.19	5.1	10.7	2.44	12.2	2.57	1	326	0.3	0.45	0.80	<0.5	0.23	0.22	122							
40096785	0.19	5.4	11.1	2.50	18.6	2.68	1	331	0.3	0.51	0.81	0.5	0.20	0.20	121							
40096786	0.22	5.4	11.2	2.41	14.8	2.89	1	326	0.3	0.49	0.78	<0.5	0.20	0.20	131							
40096787	0.19	4.8	10.1	2.42	8.8	2.48	1	289	0.2	0.48	0.75	<0.5	0.19	0.19	123							
40096788	0.16	4.0	8.5	1.93	4.8	1.93	1	204	0.2	0.38	0.55	<0.5	0.17	0.13	77							
40096789	0.20	4.7	9.4	2.23	4.3	2.52	1	210	0.3	0.42	0.93	<0.5	0.20	0.25	105							
40096789 CRD	0.18	4.6	10.4	2.32	4.8	2.54	1	216	0.3	0.41	0.88	<0.5	0.20	0.22	104							
40096790	0.20	4.7	10.3	2.25	4.9	2.37	1	219	0.3	0.40	0.84	<0.5	0.20	0.22	103							
40096791	0.17	4.5	8.9	2.09	7.0	2.13	1	194.0	0.3	0.42	0.83	<0.5	0.19	0.19	99							
40096792	0.15	3.8	8.1	1.77	5.8	2.13	1	197.5	0.2	0.38	0.55	<0.5	0.14	0.25	93							
40096793	0.19	4.0	9.1	1.99	8.1	2.11	1	188.5	0.2	0.38	0.66	<0.5	0.16	0.20	91							
40096794	0.24	5.9	12.7	2.68	9.5	2.72	1	262	0.3	0.51	0.73	<0.5	0.25	0.18	163							
40096795	0.20	4.9	11.0	2.54	18.5	2.53	2	320	0.3	0.46	0.78	<0.5	0.22	0.18	116							
40096796	0.35	9.4	18.4	4.24	14.9	4.44	1	312	0.5	0.70	1.72	<0.5	0.38	0.48	197							
40096797	0.23	6.5	13.2	3.04	15.4	2.98	1	324	0.3	0.51	1.19	<0.5	0.28	0.49	137							
40096798	0.25	7.0	13.0	2.97	11.5	3.05	4	290	0.3	0.53	1.02	<0.5	0.27	0.29	157							
40096799	0.14	4.2	8.7	2.04	9.3	2.07	1	299	0.2	0.34	0.66	<0.5	0.15	0.19	93							

***** See Appendix Page for comments regarding this certificate *****



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 VANCOUVER BC V6C 1S4

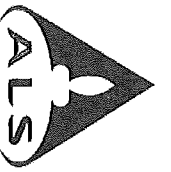
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 Total # Pages: 5 (A - E)
 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
 Account: KAV

Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-MSB1 W ppm	ME-MSB1 Y ppm	ME-MSB1 Yb ppm	ME-MSB1 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACDB1 Ag ppm	ME-4ACDB1 As ppm	ME-4ACDB1 Cd ppm
40096765	<1	9.7	10.9	1.01	47	<0.1	<0.01	0.007	<0.05	0.3	0.01	2.69	101.14	<0.5	<5	0.5
40096766	<1	10.0	1.01	1.01	45	<0.1	<0.01	0.006	<0.05	0.3	0.01	2.66	101.09	<0.5	<5	<0.5
40096767	<1	10.0	1.01	1.01	49	<0.1	0.01	0.005	<0.05	0.3	0.01	2.44	100.12	<0.5	<5	<0.5
40096768	<1	9.7	0.98	0.98	48	<0.1	<0.01	<0.005	<0.05	0.3	0.01	2.75	98.55	<0.5	<5	<0.5
40096769	<1	9.2	1.00	1.00	42	<0.1	<0.01	0.006	<0.05	0.3	0.01	2.58	98.77	<0.5	<5	0.5
40096769 CRD																
40096770	<1	10.1	1.01	1.01	45	<0.1	<0.01	<0.005	<0.05	0.3	0.01	2.58	101.17	<0.5	<5	<0.5
40096770	<1	16.5	1.58	1.58	86	0.6	0.01	0.006	0.09	0.5	0.01	1.12	100.61	<0.5	<5	<0.5
40096771	3	9.5	0.96	0.96	46	<0.1	<0.01	0.006	<0.05	0.3	0.01	3.43	97.29	<0.5	<5	0.5
40096772	<1	9.7	0.99	0.99	47	<0.1	0.01	<0.005	<0.05	0.4	<0.01	3.22	98.96	<0.5	<5	0.5
40096773	<1	9.5	0.94	0.94	45	<0.1	<0.01	0.005	<0.05	0.3	0.01	4.55	98.93	<0.5	<5	<0.5
40096774	<1	10.0	0.99	0.99	46	<0.1	<0.01	0.005	<0.05	0.3	0.01	3.05	98.89	<0.5	<5	0.5
40096775	<1	11.2	1.15	1.15	57	<0.1	0.01	0.006	<0.05	0.3	0.01	2.23	98.85	<0.5	<5	0.5
40096776	<1	11.5	1.07	1.07	54	<0.1	0.01	0.006	<0.05	0.3	0.01	2.18	98.56	<0.5	<5	<0.5
40096777	<1	11.4	1.16	1.16	54	<0.1	0.01	0.006	<0.05	0.4	<0.01	2.61	100.38	<0.5	<5	<0.5
40096778	1	12.0	1.21	1.21	59	<0.1	0.01	0.006	<0.05	0.4	0.01	2.68	99.58	<0.5	<5	<0.5
40096779	<1	11.9	1.24	1.24	56	<0.1	0.01	0.011	<0.05	0.3	<0.01	3.10	98.00	<0.5	<5	<0.5
40096780	<1	4.1	0.42	0.42	15	1.2	0.11	0.022	0.55	1.1	0.11	10.70	100.76	1.0	<5	0.7
40096781	1	13.1	1.31	1.31	60	<0.1	0.01	0.006	<0.05	0.4	0.01	2.35	99.43	<0.5	<5	0.5
40096782	<1	12.5	1.37	1.37	59	<0.1	0.01	0.005	<0.05	0.4	0.01	1.16	98.99	<0.5	<5	0.5
40096783	<1	12.4	1.34	1.34	59	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.23	98.24	<0.5	<5	0.6
40096784	<1	14.0	1.46	1.46	77	<0.1	0.01	0.008	<0.05	0.4	0.01	1.22	97.14	<0.5	<5	<0.5
40096785	<1	14.2	1.40	1.40	65	<0.1	0.01	0.007	<0.05	0.4	0.01	1.92	98.25	<0.5	<5	<0.5
40096786	<1	14.1	1.40	1.40	73	<0.1	0.01	0.006	<0.05	0.5	0.01	1.49	101.87	<0.5	<5	<0.5
40096787	<1	13.6	1.36	1.36	66	<0.1	0.01	0.007	<0.05	0.5	0.01	1.95	97.76	<0.5	<5	<0.5
40096788	<1	11.1	1.12	1.12	50	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.87	100.57	<0.5	<5	<0.5
40096789	<1	12.7	1.32	1.32	69	<0.1	0.01	0.005	<0.05	0.4	0.01	1.63	100.17	<0.5	<5	<0.5
40096789 CRD																
40096789	3	13.0	1.28	1.28	65	<0.1	0.01	0.005	<0.05	0.4	0.01	1.62	98.26	<0.5	<5	<0.5
40096790	2	12.6	1.36	1.36	67	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.41	98.83	<0.5	<5	<0.5
40096791	7	11.9	1.25	1.25	60	<0.1	0.01	<0.005	0.06	0.4	0.01	2.87	100.46	<0.5	<5	0.5
40096792	2	10.3	1.12	1.12	48	<0.1	0.01	<0.005	<0.05	0.4	0.02	2.65	98.58	<0.5	<5	<0.5
40096793	<1	11.6	1.17	1.17	55	<0.1	0.05	0.006	0.18	2.3	0.21	3.28	100.22	0.6	<5	<0.5
40096794	<1	15.5	1.48	1.48	75	<0.1	0.02	0.005	0.09	0.7	0.03	2.12	100.78	<0.5	<5	<0.5
40096795	7	13.9	1.36	1.36	73	<0.1	0.02	<0.005	0.06	0.4	0.01	1.52	99.30	<0.5	<5	<0.5
40096796	1	23.2	2.14	2.14	142	<0.1	0.01	0.005	<0.05	0.6	0.01	2.40	100.93	<0.5	<5	0.7
40096797	1	16.7	1.68	1.68	99	<0.1	0.01	0.006	0.06	0.5	0.01	2.78	100.41	<0.5	<5	<0.5
40096798	1	16.9	1.68	1.68	95	<0.1	0.03	<0.005	0.06	0.4	0.01	2.10	99.57	<0.5	<5	0.6
40096799	1	10.6	1.06	1.06	57	0.3	0.02	0.006	0.11	0.3	0.01	3.64	99.41	<0.5	<5	0.5

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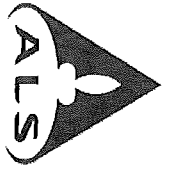
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 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

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 Total # Pages: 5 (A - E)
 Plus Appendix Pages
 Finalized Date: 4-AUG-2014
 Account: KAV

Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm	PGM-ICP27 Pd ppm
40096765		65	78	20	<1	581	<2	10	70	0.001	0.0034	0.007			
40096766		71	78	10	<1	649	<2	9	71	0.002	0.0036	0.008			
40096767		75	81	10	<1	709	3	9	78	0.002	0.0039	0.009			
40096768		71	67	10	<1	674	<2	9	73	0.001	0.0035	0.008			
40096769		79	84	10	<1	774	<2	8	79	0.002	0.0041	0.009			
40096769 CRD		81	84	10	<1	779	<2	7	78	0.002	0.0038	0.009			
40096770		52	46	10	<1	60	6	29	110	0.001	<0.0005	0.001			
40096771		87	82	10	<1	873	<2	8	85	0.002	0.0039	0.008			
40096772		90	80	<10	<1	923	4	8	88	0.002	0.0042	0.008			
40096773		96	83	10	<1	1010	2	8	90	0.002	0.0038	0.008			
40096774		75	80	10	<1	767	2	7	74	0.002	0.0038	0.009			
40096775		68	81	10	<1	666	<2	9	74	0.002	0.0041	0.010			
40096776		81	97	10	<1	791	<2	7	87	0.002	0.0052	0.010			
40096777		72	83	30	<1	698	<2	8	75	0.002	0.0044	0.009			
40096778		61	90	30	<1	551	2	11	75	0.002	0.0043	0.009			
40096779		59	89	20	<1	531	2	11	72	0.002	0.0046	0.009			
40096780		141	569	<10	2	1910	57	10	200	0.012	0.0050	0.003			
40096781		60	96	30	<1	533	<2	11	81	0.002	0.0050	0.011			
40096782		62	105	10	<1	552	4	11	77	0.002	0.0053	0.012			
40096783		51	101	10	<1	404	<2	12	69	0.002	0.0056	0.010			
40096784		41	110	10	<1	279	<2	13	63	0.002	0.0054	0.010			
40096785		44	107	20	<1	303	<2	13	71	0.002	0.0059	0.012			
40096786		41	116	20	<1	239	<2	14	68	0.002	0.0059	0.011			
40096787		47	140	20	<1	275	<2	15	81	0.003	0.0088	0.026			
40096788		93	132	20	<1	864	<2	11	132	0.014	0.0151	0.033			
40096789		85	136	10	<1	799	<2	9	98	0.004	0.0109	0.021			
40096789 CRD		83	126	10	<1	775	2	10	96	0.004	0.0107	0.021			
40096790		81	124	10	<1	755	<2	9	94	0.004	0.0133	0.032			
40096791		93	131	10	<1	925	2	9	99	0.006	0.0109	0.034			
40096792		96	179	<10	<1	967	<2	9	98	0.009	0.0202	0.075			
40096793		102	2100	10	<1	1500	<2	8	99	0.114	0.208	>1.00	0.12	0.19	1.05
40096794		67	374	10	<1	629	2	16	100	0.014	0.0325	0.177			
40096795		58	132	20	<1	443	<2	13	96	0.002	0.0033	0.005			
40096796		51	142	10	<1	294	2	21	101	0.002	0.0050	0.006			
40096797		46	152	10	<1	325	2	13	91	0.002	0.0051	0.015			
40096798		54	133	20	<1	384	<2	13	104	0.002	0.0080	0.028			
40096799		56	118	30	<1	433	3	9	98	0.003	0.0068	0.022			



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Project: EB80001741

CERTIFICATE OF ANALYSIS TB14104188

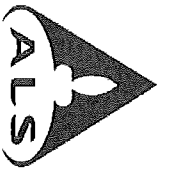
CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.

BAG-04 CRU-31 CRU-QC LOG-21
LOG-21d LOG-23 PUL-32 PUL-21
PUL-QC SPL-21 SPL-21d WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
C-IR07 ME-4ACD81 ME-ICP06 ME-MS42
ME-MS81 OA-GRA05 PGM-ICP27 PGM-MS24
S-IR08 TOT-ICP06



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CERTIFICATE TB14104105

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 354-200 GRANVILLE STREET
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 24-JUL-2014
 Account: KAV

Project: EB80002216
 P.O. No.: 3101202290
 This report is for 170 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-JUL-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: RTXAMRNA ASSAY RESULTS
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4


SAMPLE PREPARATION

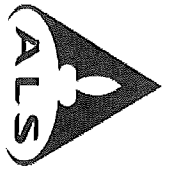
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Recvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colin Ramsshaw, Vancouver Laboratory Manager



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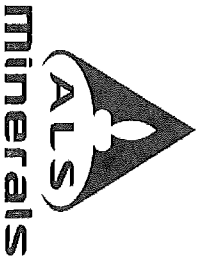
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Passzsum %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40096901		5.00	86.4	87.4	61.1	17.10	8.01	0.58	1.82	2.57	4.80	0.03	0.77	0.06	0.11	0.02
40096902		4.55			59.9	18.25	9.28	0.67	1.66	3.22	4.59	0.03	0.80	0.05	0.09	0.02
40096903		10.36			62.4	16.75	7.94	0.69	1.98	2.69	3.84	0.03	0.73	0.04	0.10	0.02
40096904		11.20			61.4	17.10	7.88	0.68	2.32	2.87	3.54	0.03	0.75	0.04	0.10	0.01
40096905		10.18			63.7	15.65	7.60	0.62	2.21	2.50	3.13	0.02	0.68	0.05	0.10	0.01
40096906		9.08			63.8	16.40	7.36	0.81	1.88	2.66	3.42	0.03	0.73	0.04	0.11	0.01
40096907		10.75			63.7	15.65	7.51	0.72	2.28	2.56	3.14	0.03	0.71	0.04	0.10	0.01
40096908		10.32			61.6	17.15	9.16	0.54	1.56	2.81	3.96	0.02	0.74	0.03	0.10	0.02
40096909		4.82			61.3	16.95	8.83	0.53	1.55	2.75	3.64	0.03	0.78	0.03	0.12	0.01
40096910		4.28			61.2	17.25	8.99	0.50	1.47	2.81	3.76	0.03	0.77	0.03	0.10	0.01
40096911		9.42			68.6	14.55	6.76	0.67	2.44	2.32	2.34	0.03	0.65	0.03	0.09	0.01
40096912		10.29			71.5	12.95	6.29	0.93	2.28	2.26	1.81	0.02	0.58	0.04	0.10	0.02
40096913		9.65			62.1	17.40	8.75	0.64	1.61	2.73	3.82	0.03	0.78	0.03	0.11	0.01
40096914		9.95			66.3	15.60	7.73	0.67	2.38	2.42	2.78	0.03	0.69	0.03	0.10	0.01
40096915		10.58			67.0	15.35	7.19	0.83	2.27	2.45	2.49	0.03	0.68	0.03	0.10	0.01
40096916		11.16			61.5	16.70	8.49	0.51	1.62	2.74	3.43	0.02	0.76	0.03	0.12	0.01
40096917		9.97			61.9	16.40	7.78	0.48	1.64	2.71	3.48	0.03	0.75	0.04	0.10	0.01
40096918		10.61			61.3	16.75	9.52	0.49	1.49	2.72	3.75	0.03	0.76	0.03	0.11	0.01
40096919		9.71			74.3	11.80	5.32	0.46	2.84	1.89	1.64	0.02	0.79	0.04	0.09	0.01
40096920		0.33			68.2	10.85	10.05	3.45	3.17	2.61	0.87	0.01	1.32	0.10	0.11	0.02
40096921		9.98			63.1	16.15	7.66	0.44	1.77	2.51	3.38	0.03	0.74	0.03	0.10	0.01
40096922		9.52			63.4	15.80	8.05	0.55	1.86	2.53	3.29	0.02	0.71	0.03	0.10	0.01
40096923		9.54			69.5	14.05	6.45	0.55	2.78	2.14	2.36	0.02	0.60	0.03	0.10	0.01
40096924		10.49			60.4	17.35	8.70	0.50	1.55	2.83	3.72	0.02	0.79	0.03	0.10	0.01
40096925		9.77			61.6	16.85	8.71	0.64	1.75	2.88	3.11	0.03	0.79	0.04	0.13	0.01
40096926		10.73			61.2	17.80	8.99	0.67	1.78	2.98	3.44	0.03	0.82	0.03	0.11	0.01
40096927		10.53			60.8	17.75	8.76	0.77	1.71	2.95	3.38	0.03	0.81	0.03	0.11	0.01
40096928		9.42			59.9	17.25	8.13	0.63	1.80	3.02	3.13	0.03	0.80	0.04	0.11	0.01
40096929		10.76			59.7	18.50	9.07	0.70	1.75	3.15	3.49	0.03	0.86	0.04	0.12	0.01
40096930		0.16			36.6	3.20	13.95	2.07	0.21	3.26	0.14	0.62	0.27	0.17	0.03	0.01
40096931		10.18			60.3	18.35	8.96	0.59	1.56	3.06	3.35	0.03	0.85	0.03	0.11	0.01
40096932		9.69			60.9	17.20	7.87	0.49	1.83	2.76	3.36	0.03	0.78	0.04	0.11	0.01
40096933		9.93			59.4	18.50	9.30	0.37	1.35	3.07	3.83	0.03	0.84	0.03	0.11	0.01
40096934		9.43			59.6	18.15	9.14	0.43	1.60	3.03	3.69	0.03	0.82	0.04	0.11	0.01
40096935		2.34			60.4	17.95	9.05	0.40	1.59	2.99	4.08	0.03	0.79	0.04	0.10	0.01
40096936		6.40			60.0	18.20	9.20	0.37	1.71	3.01	4.02	0.03	0.82	0.04	0.11	0.02
40096937		9.83			50.6	13.95	14.95	5.24	2.85	3.92	1.69	0.01	2.96	0.17	0.34	0.05
40096938		10.80			49.4	13.20	17.20	7.06	3.13	4.25	1.21	<0.01	3.68	0.21	0.41	0.06
40096939		5.54			48.8	12.95	17.05	6.98	3.03	4.12	1.30	<0.01	3.69	0.21	0.42	0.06
40096940		6.34			48.7	12.95	17.00	6.90	3.02	4.10	1.33	<0.01	3.65	0.21	0.41	0.06



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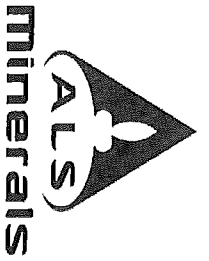
TO: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

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 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40096901		0.09	<0.01	1.02	802	58.3	180	7.64	4.15	2.38	1.32	21.3	4.63	4.2	0.82	28.6
40096902		0.08	<0.01	1.09	655	66.2	190	10.65	5.06	2.71	1.41	25.2	5.59	4.1	1.02	33.0
40096903		0.07	<0.01	0.74	600	59.4	190	7.89	4.08	2.43	1.29	21.9	4.69	4.4	0.85	28.8
40096904		0.07	<0.01	0.62	638	61.0	190	4.63	4.52	2.57	1.40	22.7	4.90	4.3	0.88	31.1
40096905		0.06	<0.01	0.90	514	58.1	170	3.92	4.16	2.19	1.13	20.1	4.44	4.2	0.76	27.6
40096906		0.07	<0.01	0.26	574	56.2	180	3.11	4.32	2.40	1.19	21.0	4.61	4.2	0.83	25.4
40096907		0.06	<0.01	0.58	565	59.7	190	3.07	4.07	2.30	1.29	22.5	4.53	4.5	0.82	27.7
40096908		0.07	0.02	1.94	571	60.3	180	4.42	4.31	2.61	1.30	23.2	4.76	4.1	0.89	29.3
40096909		0.06	0.07	1.42	578	63.9	190	4.79	4.42	2.55	1.33	23.4	5.02	4.4	0.89	31.5
40096910		0.07	0.07	1.53	571	63.2	220	4.89	4.42	2.51	1.30	23.5	4.88	4.2	0.90	31.3
40096911		0.05	<0.01	0.35	445	55.9	190	2.56	3.62	2.02	1.09	18.2	3.98	4.9	0.70	26.4
40096912		0.06	<0.01	0.13	499	52.6	210	1.80	3.39	1.85	1.08	15.6	3.78	4.9	0.71	25.0
40096913		0.07	0.01	1.35	581	65.0	190	4.06	4.82	2.69	1.29	23.2	4.82	4.0	0.92	31.5
40096914		0.06	0.08	0.87	531	57.1	190	3.01	3.87	2.35	1.13	19.5	4.32	4.8	0.81	26.8
40096915		0.05	<0.01	0.46	462	55.2	190	3.51	3.74	2.23	1.13	19.3	4.23	4.2	0.76	26.2
40096916		0.06	0.01	1.07	540	64.7	180	6.42	4.34	2.52	1.24	22.3	4.89	4.2	0.89	32.4
40096917		0.06	<0.01	0.50	504	59.7	180	8.75	3.97	2.32	1.16	21.1	4.30	4.1	0.78	29.3
40096918		0.06	0.11	1.82	525	65.5	190	7.88	4.56	2.59	1.24	22.3	5.11	4.2	0.91	31.7
40096919		0.04	<0.01	0.88	327	49.8	170	2.54	2.95	1.78	0.94	15.1	3.44	5.1	0.57	23.9
40096920		0.03	0.06	0.25	280	40.0	80	0.53	3.74	1.94	1.08	15.5	3.82	4.0	0.75	19.7
40096921		0.06	0.08	0.79	543	65.9	190	7.17	4.10	2.36	1.24	21.8	4.61	4.6	0.83	34.2
40096922		0.06	0.22	1.27	536	61.7	180	5.54	4.32	2.42	1.35	20.3	4.76	4.5	0.89	30.2
40096923		0.05	0.03	0.59	394	51.7	160	3.06	3.30	1.84	1.05	16.2	3.48	4.5	0.70	25.2
40096924		0.06	0.05	1.40	575	65.1	180	6.76	4.41	2.61	1.49	23.0	5.00	3.9	0.93	33.4
40096925		0.06	0.03	0.98	550	64.0	210	4.64	4.17	2.39	1.36	21.6	4.92	3.9	0.86	32.0
40096926		0.07	0.04	1.33	583	62.9	180	4.84	4.41	2.37	1.33	21.7	4.95	3.9	0.84	31.8
40096927		0.06	1.24	1.24	558	63.9	190	4.71	4.54	2.62	1.56	23.7	5.23	4.3	0.95	32.1
40096928		0.07	0.03	0.45	594	63.4	180	3.95	4.27	2.50	1.51	22.3	4.99	3.8	0.90	31.0
40096929		0.06	0.05	0.64	562	63.0	190	3.20	4.84	2.61	1.46	24.6	5.39	4.1	0.99	30.6
40096930		0.08	0.24	0.38	713	6.4	4300	0.22	0.76	0.48	0.25	4.9	0.81	0.5	0.15	3.2
40096931		0.06	0.02	0.82	497	66.0	180	4.36	4.28	2.51	1.36	22.9	4.98	3.9	0.87	34.3
40096932		0.06	0.01	0.70	563	68.7	180	7.75	4.11	2.60	1.30	22.8	4.86	4.0	0.87	36.1
40096933		0.06	0.06	1.54	554	68.1	190	6.16	4.59	2.64	1.40	24.0	5.30	3.9	0.99	35.1
40096934		0.06	0.01	1.49	559	65.0	180	5.94	4.48	2.77	1.39	23.6	5.32	3.9	0.98	33.0
40096935		0.07	0.01	1.45	593	72.7	180	10.15	4.72	2.83	1.45	22.9	5.35	4.1	1.04	37.9
40096936		0.07	<0.01	1.62	601	70.4	190	10.20	4.60	2.82	1.38	24.4	5.51	4.1	1.00	36.9
40096937		0.09	0.04	0.21	783	69.2	70	2.61	6.61	3.52	2.46	24.7	7.81	6.2	1.31	30.0
40096938		0.08	0.07	0.07	693	74.1	40	2.75	7.64	4.11	2.92	26.4	9.08	7.3	1.50	31.5
40096939		0.08	0.04	0.09	736	73.1	30	2.33	7.43	3.97	2.85	25.1	9.03	7.1	1.44	31.3
40096940		0.08	0.05	0.09	751	73.2	30	2.33	7.39	3.97	2.87	25.6	9.11	7.1	1.48	31.2



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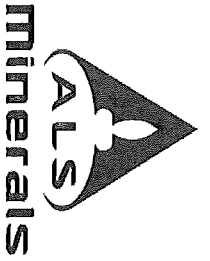
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 24-JUL-2014
 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MSB1 Lu ppm 0.01	ME-MSB1 Nb ppm 0.2	ME-MSB1 Nd ppm 0.1	ME-MSB1 Pr ppm 0.03	ME-MSB1 Rb ppm 0.2	ME-MSB1 Sm ppm 0.03	ME-MSB1 Sn ppm	ME-MSB1 Sr ppm 0.1	ME-MSB1 Ta ppm 0.1	ME-MSB1 Tb ppm 0.01	ME-MSB1 Th ppm 0.05	ME-MSB1 Tl ppm 0.5	ME-MSB1 Tm ppm 0.01	ME-MSB1 U ppm 0.05	ME-MSB1 V ppm 5
40096901		0.36	11.0	27.3	7.23	210	5.55	1	196.5	0.7	0.66	8.37	1.0	0.34	6.39	151
40096902		0.40	11.7	31.1	8.38	219	6.44	2	211	0.8	0.81	9.16	1.1	0.44	5.68	165
40096903		0.37	10.9	27.3	7.29	177.0	5.72	1	205	0.8	0.74	8.23	0.9	0.37	5.05	145
40096904		0.38	11.0	28.3	7.57	150.5	6.17	1	144.5	0.9	0.74	8.21	0.8	0.36	5.54	152
40096905		0.34	10.1	26.3	7.04	130.0	5.34	1	133.5	0.7	0.65	7.61	0.8	0.33	5.22	130
40096906		0.38	10.3	26.7	7.12	134.0	5.19	2	123.0	0.7	0.69	8.00	0.9	0.35	4.07	137
40096907		0.37	10.8	27.8	7.53	131.0	5.58	2	132.0	0.7	0.67	8.37	0.8	0.36	4.95	140
40096908		0.41	10.8	29.1	7.75	168.5	6.22	2	92.8	0.7	0.71	8.47	1.3	0.39	7.75	159
40096909		0.40	11.1	29.5	7.87	159.0	6.16	2	102.0	0.7	0.74	8.61	1.5	0.39	6.49	169
40096910		0.39	11.2	29.4	7.90	163.0	6.07	2	99.4	0.7	0.75	8.55	1.4	0.39	6.82	168
40096911		0.33	9.3	24.6	6.64	96.7	5.03	1	128.5	0.6	0.59	7.68	0.6	0.30	3.56	112
40096912		0.32	8.9	22.6	6.09	74.7	4.75	1	172.0	0.6	0.58	7.31	0.5	0.27	2.74	93
40096913		0.40	11.4	30.1	8.14	146.5	6.14	2	91.1	0.8	0.74	8.93	0.9	0.37	5.72	151
40096914		0.38	10.2	26.5	7.01	114.0	5.67	1	116.0	0.7	0.67	8.01	0.9	0.34	5.30	128
40096915		0.33	10.1	25.1	6.71	102.5	5.42	1	135.0	0.7	0.63	7.81	0.6	0.34	3.71	118
40096916		0.40	11.1	29.3	7.91	150.0	6.06	2	106.0	0.8	0.73	8.73	0.8	0.39	5.41	148
40096917		0.35	10.7	27.3	7.27	155.5	5.89	2	104.5	0.7	0.68	7.91	0.8	0.34	3.74	133
40096918		0.41	10.8	29.6	8.07	170.0	6.10	2	91.9	0.7	0.74	8.44	1.5	0.37	7.80	163
40096919		0.27	7.5	20.8	5.68	66.6	4.29	1	106.0	0.5	0.49	6.79	0.5	0.22	2.56	79
40096920		0.26	7.7	18.5	4.77	25.3	4.40	1	181.5	0.4	0.61	4.78	<0.5	0.25	1.35	314
40096921		0.39	10.7	31.4	8.29	157.5	6.09	1	93.4	0.8	0.68	9.20	1.2	0.37	5.72	152
40096922		0.38	9.9	30.6	7.82	150.5	6.13	1	94.9	0.7	0.74	8.59	1.5	0.37	7.04	152
40096923		0.29	8.3	23.7	6.39	90.8	4.89	1	102.5	0.6	0.52	7.59	0.7	0.30	4.22	103
40096924		0.43	10.7	31.7	8.39	162.5	6.53	1	94.2	0.7	0.77	9.14	1.2	0.40	7.03	173
40096925		0.38	10.5	30.4	8.13	130.0	6.26	1	95.4	0.8	0.71	8.40	0.7	0.35	4.91	141
40096926		0.38	10.6	30.6	8.09	143.0	6.12	2	98.8	0.8	0.72	8.85	0.8	0.36	5.66	149
40096927		0.45	10.9	32.5	8.43	147.0	6.52	2	87.5	0.7	0.83	8.99	0.9	0.41	6.37	159
40096928		0.41	11.2	31.1	8.24	133.5	6.44	2	93.4	0.7	0.76	8.96	0.8	0.40	6.37	159
40096929		0.43	11.6	32.4	8.39	146.0	6.93	2	66.5	0.8	0.86	9.38	0.9	0.37	7.16	171
40096930		0.06	1.2	3.6	0.82	3.5	0.79	1	51.2	0.1	0.13	0.57	<0.5	0.06	0.11	10
40096931		0.40	11.0	31.8	8.57	135.5	6.46	2	70.8	0.8	0.75	8.82	0.6	0.38	6.00	159
40096932		0.37	10.9	31.3	8.67	151.5	5.89	2	106.0	0.7	0.70	8.96	0.8	0.38	5.03	151
40096933		0.43	11.2	32.9	8.86	164.5	6.76	2	76.2	0.8	0.79	9.28	1.0	0.39	7.36	177
40096934		0.44	11.2	32.7	8.67	163.0	6.38	2	87.8	0.8	0.79	9.14	1.3	0.41	8.56	182
40096935		0.46	12.0	34.8	9.33	182.0	7.14	2	108.0	0.8	0.81	10.00	1.2	0.39	7.37	165
40096936		0.43	11.7	34.0	9.21	178.5	6.79	1	116.5	0.8	0.82	9.66	1.2	0.42	8.05	179
40096937		0.42	23.2	37.6	9.01	59.2	7.88	3	400	1.5	1.20	4.98	0.5	0.49	2.27	361
40096938		0.47	27.4	40.8	9.88	43.7	9.19	3	482	1.7	1.34	4.19	<0.5	0.55	1.28	427
40096939		0.46	27.6	40.8	9.71	45.0	8.98	2	487	1.7	1.33	3.97	<0.5	0.57	1.25	414
40096940		0.47	27.1	40.9	9.58	45.4	8.90	2	485	1.7	1.36	3.94	<0.5	0.54	1.26	414

***** See Appendix Page for comments regarding this certificate *****



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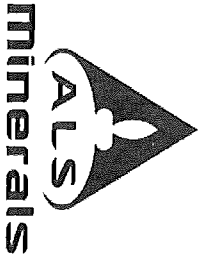
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICR06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40096901	1	21.2	2.48	154	15.5	0.06	0.022	0.229	1.0	0.04	3.54	100.60	<0.5	13	<0.5	
40096902	2	25.5	2.62	155	51.7	0.09	0.024	0.39	1.0	0.05	2.96	101.61	<0.5	51	0.5	
40096903	2	22.1	2.45	162	13.7	0.09	0.020	0.31	0.8	0.03	3.16	100.44	<0.5	14	<0.5	
40096904	3	23.7	2.63	161	17.5	0.10	0.012	0.53	0.9	0.03	3.51	100.30	<0.5	19	<0.5	
40096905	1	20.9	2.20	158	12.1	0.14	0.013	0.21	0.9	0.04	3.32	99.65	<0.5	10	0.5	
40096906	7	21.1	2.49	157	12.3	0.13	0.017	0.26	0.8	0.03	3.48	100.79	<0.5	16	<0.5	
40096907	1	21.4	2.31	170	17.6	0.16	0.018	0.32	1.0	0.04	3.29	99.81	<0.5	18	<0.5	
40096908	1	23.3	2.61	156	27.4	0.26	0.015	0.32	1.2	0.06	3.93	101.68	<0.5	23	<0.5	
40096909	1	23.7	2.76	165	29.2	0.29	0.011	0.35	1.0	0.05	3.95	100.53	<0.5	25	0.7	
40096910	4	23.7	2.56	159	31.6	0.33	0.006	0.35	1.2	0.05	4.00	100.99	<0.5	30	<0.5	
40096911	2	18.3	2.15	194	9.7	0.13	0.009	0.22	0.7	0.02	2.85	101.39	<0.5	10	<0.5	
40096912	1	17.3	1.91	184	5.4	0.06	<0.005	0.13	0.7	0.01	2.45	101.79	<0.5	7	<0.5	
40096913	1	23.4	2.66	156	17.2	0.23	0.006	0.28	0.9	0.04	3.79	101.57	<0.5	21	<0.5	
40096914	1	20.6	2.43	188	15.4	0.17	0.008	0.32	0.8	0.03	3.20	102.00	<0.5	20	<0.5	
40096915	2	19.5	2.02	161	11.4	0.15	<0.005	0.28	0.8	0.02	3.07	101.55	<0.5	13	<0.5	
40096916	1	23.2	2.54	157	18.7	0.27	0.008	0.45	0.8	0.03	3.87	99.86	<0.5	22	0.5	
40096917	1	20.2	2.23	158	13.5	0.22	0.007	0.41	0.7	0.02	3.82	99.20	<0.5	15	<0.5	
40096918	1	23.9	2.63	162	24.4	0.27	0.014	0.66	1.0	0.04	4.21	101.22	<0.5	29	1.1	
40096919	2	15.1	1.75	202	12.6	0.09	0.005	0.28	0.5	0.01	2.28	101.22	<0.5	14	<0.5	
40096920	<1	17.9	1.80	150	2.1	0.07	0.008	0.09	0.6	0.01	1.14	101.93	<0.5	5	<0.5	
40096921	1	23.0	2.56	168	19.7	0.20	<0.005	0.41	0.9	0.03	3.61	99.59	<0.5	25	<0.5	
40096922	<1	23.8	2.48	164	19.9	0.21	0.008	0.49	1.0	0.04	3.61	100.02	<0.5	26	<0.5	
40096923	<1	18.0	1.86	166	13.2	0.16	0.009	0.33	0.7	0.02	2.60	101.24	<0.5	17	<0.5	
40096924	1	24.6	2.56	144	19.2	0.28	0.009	0.48	1.1	0.05	4.02	100.08	<0.5	22	0.6	
40096925	9	22.4	2.41	146	15.0	0.26	<0.005	0.24	0.9	0.03	3.68	100.28	<0.5	20	<0.5	
40096926	<1	22.5	2.39	138	17.8	0.24	<0.005	0.20	1.0	0.04	3.80	101.73	<0.5	19	<0.5	
40096927	1	24.8	2.67	153	16.7	0.30	0.005	0.18	1.1	0.04	3.82	100.99	<0.5	18	<0.5	
40096928	<1	23.4	2.46	145	13.9	0.28	0.010	0.23	0.8	0.03	3.76	98.68	<0.5	15	<0.5	
40096929	1	26.0	2.69	148	15.2	0.42	0.006	0.37	0.9	0.03	3.95	101.43	<0.5	22	<0.5	
40096930	<1	4.1	0.32	21	1.1	0.12	0.025	0.46	1.2	0.12	10.85	100.80	1.1	<5	0.6	
40096931	1	23.2	2.46	139	17.6	0.29	0.005	0.28	0.9	0.03	4.02	101.28	<0.5	21	<0.5	
40096932	1	22.8	2.49	150	12.9	0.24	0.008	0.43	0.9	0.03	3.63	99.07	<0.5	18	<0.5	
40096933	2	25.1	2.57	140	19.2	0.33	<0.005	0.23	1.2	0.04	4.09	100.99	<0.5	20	<0.5	
40096934	1	25.6	2.72	140	22.1	0.26	0.007	0.45	1.3	0.05	3.95	100.66	<0.5	25	<0.5	
40096935	5	26.7	2.76	146	22.1	0.30	0.012	0.66	1.2	0.05	3.70	101.20	<0.5	28	1.2	
40096936	2	25.2	2.70	147	21.8	0.13	<0.005	0.33	1.2	0.04	3.72	101.32	<0.5	23	<0.5	
40096937	<1	32.5	3.09	241	17.1	0.06	0.010	0.29	1.2	0.01	1.64	98.46	<0.5	21	<0.5	
40096938	<1	36.8	3.44	280	2.4	0.05	<0.005	0.16	1.0	<0.01	0.93	100.83	<0.5	8	<0.5	
40096939	<1	36.4	3.21	277	3.4	0.06	0.006	0.21	1.0	<0.01	0.87	99.56	<0.5	7	<0.5	
40096940	<1	36.2	3.20	270	3.3	0.06	<0.005	0.20	1.0	<0.01	0.87	99.28	<0.5	9	<0.5	



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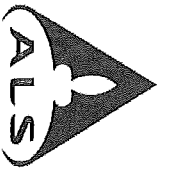
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 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002
40096901		24	106	90	4	87	27	21	165	0.002	0.0013	0.002				
40096902		24	89	130	3	88	26	22	259	0.003	0.0013	0.002				
40096903		22	111	100	3	81	7	20	151	0.002	0.0013	0.002				
40096904		26	189	70	4	85	20	20	177	0.001	0.0012	0.002				
40096905		21	89	60	5	76	26	17	209	0.001	0.0012	0.002				
40096906		19	58	60	3	74	12	18	98	0.001	0.0012	0.002				
40096907		20	85	60	5	78	37	18	211	0.001	0.0015	0.002				
40096908		25	113	70	11	89	25	19	187	0.004	0.0022	0.005				
40096909		22	98	70	8	94	13	20	188	0.001	0.0014	0.002				
40096910		24	99	70	9	100	12	20	184	0.001	0.0015	0.002				
40096911		17	58	50	2	64	13	16	93	0.001	0.0010	0.001				
40096912		13	36	50	<1	51	5	13	57	0.001	0.0008	0.001				
40096913		22	71	60	6	87	12	20	151	0.001	0.0012	0.002				
40096914		19	57	60	5	71	12	16	154	0.001	0.0011	0.002				
40096915		16	39	70	1	65	11	17	96	0.001	0.0009	0.001				
40096916		20	56	70	3	76	16	18	183	0.001	0.0012	0.002				
40096917		18	49	90	1	74	13	19	136	0.001	0.0016	0.002				
40096918		25	84	100	8	96	31	19	305	0.003	0.0015	0.002				
40096919		19	11	50	<1	42	7	11	54	0.001	0.0007	0.001				
40096920		27	16	20	<1	24	4	18	84	<0.001	<0.0005	<0.001				
40096921		19	64	90	5	82	10	19	137	0.002	0.0012	0.002				
40096922		20	80	70	9	84	15	19	186	0.001	0.0013	0.002				
40096923		15	42	50	3	58	8	14	103	0.001	0.0009	0.001				
40096924		23	83	70	6	99	26	21	245	0.001	0.0013	0.002				
40096925		22	55	60	3	80	10	21	132	0.001	0.0012	0.002				
40096926		21	63	60	5	86	16	21	150	0.001	0.0012	0.002				
40096927		22	70	60	4	89	14	21	171	0.001	0.0014	0.002				
40096928		23	66	60	5	86	11	22	154	0.001	0.0011	0.002				
40096929		25	73	60	10	96	7	23	89	0.001	0.0013	0.002				
40096930		148	583	<10	2	1940	64	10	208	0.017	0.0053	0.004				
40096931		25	74	120	4	98	15	23	185	0.001	0.0012	0.002				
40096932		21	56	80	2	80	12	20	152	0.001	0.0011	0.002				
40096933		24	91	70	7	97	13	22	185	0.002	0.0014	0.002				
40096934		25	96	80	9	100	13	22	210	0.001	0.0014	0.002				
40096935		24	93	90	7	94	12	20	327	0.002	0.0013	0.002				
40096936		23	90	90	8	91	12	21	111	0.002	0.0014	0.002				
40096937		46	256	30	1	76	10	24	185	0.003	0.0023	0.010				
40096938		49	274	10	<1	70	6	25	153	0.004	0.0027	0.011				
40096939		49	265	10	1	67	3	25	165	0.004	0.0026	0.011				
40096940		58	311	<10	1	76	8	29	185	0.004	0.0028	0.011				

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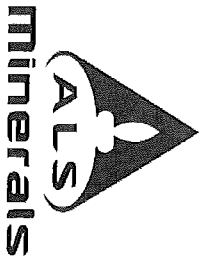
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CERTIFICATE OF ANALYSIS TB14104105

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Sample Description	Method Analyte Units LOR	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
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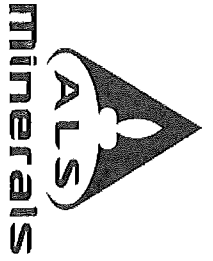
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 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cl2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40096941		6.82	0.02	0.01	48.9	12.60	17.10	6.63	3.00	3.90	1.27	<0.01	3.72	0.22	0.46	0.05
40096942		7.46			42.6	11.75	15.20	8.09	2.84	3.74	1.81	<0.01	3.47	0.20	0.38	0.03
40096943		8.52			47.2	12.95	16.80	5.85	2.93	4.60	1.58	0.01	3.64	0.22	0.40	0.05
40096944		10.54			49.9	13.40	16.80	6.63	2.97	4.87	1.76	0.01	3.48	0.21	0.36	0.06
40096945		10.49			49.3	13.25	17.55	6.75	3.02	4.57	1.71	0.01	3.63	0.20	0.39	0.08
40096946		11.24			48.0	12.75	17.20	6.77	2.92	4.49	1.57	0.01	3.49	0.20	0.39	0.07
40096947		11.02			47.6	12.80	16.75	6.67	3.11	4.23	1.21	0.01	3.58	0.19	0.41	0.05
40096948		10.90			48.6	12.90	16.95	7.00	2.97	4.25	1.40	0.01	3.59	0.20	0.41	0.06
40096949		9.04			48.3	12.80	17.15	6.45	2.65	4.53	1.18	0.01	3.60	0.20	0.41	0.05
40096950		0.30	83.1	86.3	49.1	12.50	15.20	8.44	2.58	5.59	1.03	0.02	2.08	0.19	0.16	0.04
40096951		1.70			55.0	17.65	10.75	0.90	2.06	3.71	3.88	0.03	0.86	0.07	0.10	0.03
40096952		10.38			49.7	16.70	12.95	4.44	2.31	4.77	2.12	0.03	1.43	0.10	0.18	0.03
40096953		10.01			49.8	17.80	11.35	4.11	2.23	4.35	2.79	0.02	1.12	0.10	0.16	0.03
40096954		10.22			48.5	19.20	10.40	6.55	2.18	5.55	2.81	0.02	1.53	0.14	0.19	0.08
40096955		9.62			45.3	16.30	12.95	7.33	2.13	6.63	2.33	0.02	1.95	0.19	0.22	0.08
40096956		10.36			45.4	16.30	12.95	7.14	2.42	6.41	2.08	0.02	2.02	0.20	0.22	0.06
40096957		9.68			47.9	15.85	13.05	6.68	3.11	6.95	1.88	0.03	2.09	0.19	0.15	<0.01
40096958		9.98			46.3	15.65	13.15	7.44	3.22	6.48	1.36	0.03	1.82	0.19	0.19	<0.01
40096959		6.96			46.0	13.95	13.90	8.36	2.87	6.08	1.35	0.03	2.60	0.23	0.21	<0.01
40096960		0.16			37.7	3.16	14.05	2.13	0.24	32.5	0.15	0.61	0.28	0.17	0.04	<0.01
40096961		9.26			39.5	15.25	11.70	14.15	0.24	5.57	2.47	0.04	1.41	0.21	0.15	<0.01
40096962		9.55			38.1	13.35	13.30	15.90	0.21	5.48	1.04	0.02	2.04	0.24	0.19	0.01
40096963		10.12			46.1	13.40	15.10	6.89	3.56	4.11	0.92	0.02	2.91	0.22	0.39	0.01
40096964		11.91			46.7	13.85	16.80	6.82	2.95	5.63	0.92	0.02	2.89	0.25	0.38	0.02
40096965		9.10			45.8	14.10	15.40	6.18	2.92	5.91	0.88	0.03	2.66	0.22	0.33	0.02
40096966		10.07			43.7	17.20	12.80	11.40	1.07	3.61	1.78	0.02	1.10	0.16	0.11	<0.01
40096967		10.36			41.7	15.15	17.55	5.96	2.06	6.89	1.32	0.02	2.07	0.22	0.23	0.02
40096968		10.30			45.5	15.25	13.65	5.01	3.05	6.70	2.13	0.02	1.99	0.19	0.24	0.04
40096969		5.05			43.1	15.00	13.75	7.54	2.95	6.10	1.13	0.03	1.82	0.17	0.24	0.02
40096970		4.55			43.9	15.10	14.00	6.31	3.16	6.18	1.13	0.03	1.84	0.17	0.23	0.02
40096971		10.31			45.7	16.10	12.95	7.39	2.33	5.81	2.43	0.02	2.04	0.18	0.24	0.04
40096972		10.51			45.3	17.00	11.95	7.12	2.35	6.45	2.09	0.03	1.61	0.15	0.19	0.07
40096973		10.25			45.5	15.95	13.10	8.26	2.39	6.26	1.59	0.03	2.07	0.17	0.24	0.06
40096974		10.53			44.9	15.60	13.40	8.43	2.38	5.70	1.76	0.03	2.26	0.19	0.26	0.06
40096975		10.58			46.2	13.45	14.25	10.90	2.77	5.09	1.88	0.02	2.68	0.20	0.30	0.04
40096976		10.60			46.0	15.85	13.75	8.64	2.60	5.76	1.38	0.02	2.27	0.18	0.28	0.05
40096977		10.18			45.8	15.40	14.55	8.33	2.65	5.26	1.60	0.02	2.50	0.19	0.31	0.05
40096978		10.34			46.5	15.40	14.50	7.63	2.57	5.54	2.26	0.02	2.60	0.20	0.32	0.06
40096979		10.95			45.4	14.65	13.75	8.51	2.07	5.24	3.13	0.02	2.52	0.20	0.28	0.05
40096980		0.30			49.6	12.70	17.85	7.69	2.92	4.18	1.20	<0.01	2.79	0.20	0.19	0.04

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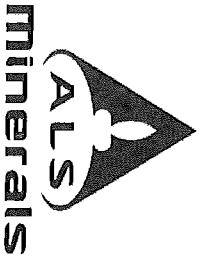
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CERTIFICATE OF ANALYSIS TB14104105

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 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP6S BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 HF ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40096941		0.07	0.05	0.23	667	82.4	20	1.54	8.42	4.32	3.16	26.3	10.25	8.0	1.63	35.5
40096942		0.04	1.38	0.09	379	72.3	20	0.76	6.85	3.87	2.48	24.2	8.52	6.8	1.40	32.2
40096943		0.08	0.04	0.12	754	72.3	40	1.90	7.28	3.80	2.74	25.0	9.05	7.0	1.40	31.3
40096944		0.08	0.04	0.05	744	69.1	60	3.90	7.03	3.72	2.67	25.8	8.62	6.6	1.37	29.5
40096945		0.05	0.05	0.04	478	71.4	50	4.20	7.23	3.84	2.77	25.5	8.71	6.8	1.42	30.6
40096946		0.05	0.03	0.12	473	69.2	50	3.49	7.14	3.69	2.67	24.7	8.38	6.7	1.42	29.9
40096947		0.05	0.03	0.23	448	73.4	40	2.97	7.52	3.97	2.80	25.8	8.85	7.0	1.49	31.6
40096948		0.05	0.04	0.08	452	72.0	40	4.29	7.36	3.87	2.86	25.0	8.84	6.9	1.41	30.6
40096949		0.07	0.03	0.34	620	70.9	40	2.39	7.20	3.98	2.75	24.2	8.86	7.0	1.43	30.2
40096950		0.05	0.16	0.15	408	45.4	160	0.89	4.67	2.48	1.62	21.0	5.05	3.5	0.95	23.2
40096951		0.14	0.01	0.51	1275	71.8	200	2.53	5.02	2.91	1.67	23.7	5.86	3.8	1.02	36.5
40096952		0.06	0.08	1.91	510	53.7	180	3.02	5.42	3.10	1.55	22.6	5.99	4.1	1.09	26.6
40096953		0.07	0.41	1.83	671	49.4	170	5.48	4.30	2.46	1.72	21.5	4.90	3.6	0.93	25.2
40096954		0.09	0.07	0.20	794	36.4	160	4.23	4.38	2.51	1.46	21.2	4.62	3.2	0.84	17.6
40096955		0.10	0.03	0.16	938	42.3	210	2.97	5.54	3.07	1.81	21.4	5.61	4.1	1.10	18.7
40096956		0.12	0.04	0.22	1190	40.1	210	2.91	5.34	2.92	1.69	21.6	5.61	4.0	1.07	17.9
40096957		0.02	0.06	0.10	210	27.3	250	0.24	3.77	2.06	1.44	17.9	3.89	3.0	0.76	12.2
40096958		0.01	0.10	0.12	210	28.8	230	0.16	4.06	2.24	1.58	18.3	4.32	2.9	0.78	12.7
40096959		0.02	0.06	0.37	169.0	36.5	250	0.18	4.95	2.75	1.84	19.5	4.86	3.9	1.00	16.3
40096960		0.08	0.23	0.39	748	6.3	4800	0.22	0.80	0.39	0.23	4.5	0.87	0.6	0.15	3.1
40096961		0.01	0.56	0.03	67.6	27.1	330	0.16	3.48	2.04	1.54	23.6	3.89	2.7	0.71	12.2
40096962		<0.01	1.34	0.18	31.8	28.3	180	0.13	4.18	2.36	1.59	24.0	4.24	3.1	0.84	12.8
40096963		0.03	0.75	1.35	240	62.6	120	0.36	7.94	4.49	2.27	19.2	8.38	6.0	1.63	28.5
40096964		0.05	0.17	0.53	436	66.8	180	1.40	8.18	4.78	2.38	23.5	8.90	6.5	1.70	28.6
40096965		0.04	0.44	0.27	366	53.0	220	1.51	7.16	4.05	2.08	20.5	7.25	5.4	1.43	23.5
40096966		0.01	0.45	0.03	69.1	20.9	160	0.30	3.51	2.06	1.21	25.9	3.08	3.1	0.73	9.8
40096967		0.04	0.31	0.11	332	41.3	190	1.82	5.73	3.13	1.71	22.6	5.75	4.4	1.21	18.9
40096968		0.10	0.30	0.19	877	40.8	180	2.20	5.39	3.00	1.60	17.3	5.62	4.1	1.08	18.1
40096969		0.04	0.78	0.12	404	40.6	200	1.22	5.14	3.09	1.57	20.3	5.56	4.2	1.12	18.3
40096970		0.04	0.60	0.11	376	44.3	220	1.29	5.80	3.31	1.63	21.1	5.73	4.6	1.19	19.6
40096971		0.10	0.20	0.17	902	43.1	180	3.25	5.37	2.95	1.76	20.1	5.68	4.1	1.08	19.6
40096972		0.06	0.11	0.09	581	32.7	200	3.46	4.31	2.38	1.51	19.2	4.58	3.1	0.88	14.6
40096973		0.04	0.12	0.12	581	42.9	200	3.40	5.53	3.01	1.73	20.4	5.83	4.1	1.12	19.2
40096974		0.04	0.14	0.08	405	46.8	210	2.89	6.32	3.47	1.95	22.0	6.34	4.6	1.22	20.7
40096975		0.02	0.14	0.19	207	54.3	140	2.19	7.21	4.03	2.07	21.8	8.03	5.5	1.42	24.5
40096976		0.04	0.09	0.09	318	47.2	170	2.55	5.96	3.49	1.97	20.6	6.38	4.7	1.20	21.2
40096977		0.04	0.09	0.10	355	54.3	180	3.18	6.98	3.92	2.12	22.8	7.14	5.6	1.41	24.1
40096978		0.05	0.07	0.09	489	52.2	190	5.22	7.01	3.85	2.03	21.9	7.07	5.1	1.36	23.3
40096979		0.06	0.22	0.20	564	48.0	160	2.06	6.52	3.69	2.04	20.8	6.79	4.9	1.34	21.7
40096980		0.05	0.18	0.22	484	57.7	10	1.03	5.57	3.02	1.83	22.7	5.89	4.4	1.09	28.1

***** See Appendix Page for comments regarding this certificate *****



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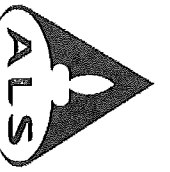
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 24-JUL-2014
 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81				
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm	Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm
40096941	0.52	30.2	45.1	10.80	41.7	10.35	8.67	194.0	453	1.8	1.53	4.63	<0.5	0.63	1.39	401											
40096942	0.46	25.6	38.8	9.36	53.2	8.67	194.0	453	1.8	1.53	4.63	<0.5	0.63	1.39	401												
40096943	0.47	26.7	39.6	9.55	51.9	9.22	416	416	1.7	1.28	4.06	<0.5	0.50	1.20	365												
40096944	0.44	25.7	38.3	9.22	60.2	8.62	580	580	1.7	1.23	3.83	<0.5	0.55	1.30	421												
40096945	0.46	26.3	40.0	9.41	58.6	8.94	638	638	1.6	1.26	3.85	<0.5	0.51	1.17	437												
40096946	0.44	25.6	37.9	9.22	53.8	8.70	581	581	1.6	1.28	3.93	<0.5	0.53	1.21	435												
40096947	0.47	26.9	40.7	9.74	40.5	9.06	455	455	1.6	1.37	4.02	<0.5	0.53	1.27	419												
40096948	0.46	26.6	40.3	9.59	47.1	9.00	481	481	1.7	1.32	4.06	<0.5	0.54	1.22	422												
40096949	0.44	26.1	40.2	9.40	42.5	8.71	419	419	1.7	1.30	3.87	<0.5	0.54	1.22	413												
40096950	0.35	10.2	23.4	5.73	26.8	5.41	31.3	31.3	0.7	0.81	4.27	<0.5	0.56	1.22	407												
40096951	0.44	11.1	35.0	9.27	134.0	7.10	239	239	0.8	0.86	8.50	<0.5	0.36	0.79	488												
40096952	0.48	11.8	28.4	7.06	72.3	6.59	219	219	0.8	0.91	5.32	0.9	0.40	8.83	198												
40096953	0.42	9.9	25.6	6.64	106.5	5.50	265	265	0.7	0.76	4.91	0.8	0.44	5.89	212												
40096954	0.33	9.7	20.4	4.91	97.1	4.78	617	617	0.6	0.63	4.24	1.4	0.39	5.65	206												
40096955	0.41	12.3	23.7	5.62	80.1	5.81	726	726	0.6	0.71	2.57	0.9	0.35	1.81	173												
40096956	0.38	12.5	22.9	5.31	72.3	5.77	523	523	0.7	0.87	1.99	0.7	0.43	0.52	237												
40096957	0.29	9.6	15.6	3.63	46.9	4.04	58.8	58.8	0.6	0.64	1.80	0.9	0.42	0.40	265												
40096958	0.30	10.0	17.2	3.96	31.2	4.02	47.0	47.0	0.6	0.63	1.26	<0.5	0.32	0.30	287												
40096959	0.38	12.7	20.7	4.88	34.8	5.06	68.7	68.7	0.8	0.82	1.52	<0.5	0.34	0.28	217												
40096960	0.06	1.4	3.4	0.80	3.9	0.81	52.6	52.6	0.1	0.13	0.53	<0.5	0.41	0.46	333												
40096961	0.27	8.4	15.3	3.65	62.0	3.86	43.6	43.6	0.6	0.60	1.05	<0.5	0.06	0.13	26												
40096962	0.31	9.7	16.9	3.82	26.5	4.07	67.6	67.6	0.6	0.69	1.19	<0.5	0.29	0.29	259												
40096963	0.62	18.7	34.4	8.09	27.5	8.02	101.5	101.5	1.1	1.25	1.19	<0.5	0.33	0.28	291												
40096964	0.64	19.5	36.6	8.57	27.4	9.15	204	204	1.1	1.39	2.56	<0.5	0.64	0.66	331												
40096965	0.50	16.3	30.0	7.07	27.8	7.28	198.0	198.0	1.0	1.20	3.17	<0.5	0.67	0.81	327												
40096966	0.30	7.6	11.2	2.63	40.8	2.82	35.8	35.8	0.4	0.51	2.50	<0.5	0.58	0.60	295												
40096967	0.42	12.7	23.7	5.39	38.9	5.55	200	200	0.7	0.90	1.42	<0.5	0.32	0.79	183												
40096968	0.39	12.0	23.1	5.49	78.7	5.49	384	384	0.7	0.91	2.02	<0.5	0.47	0.62	240												
40096969	0.40	11.4	22.6	5.37	38.5	4.96	180.0	180.0	0.7	0.86	1.91	<0.5	0.45	0.44	229												
40096970	0.42	12.5	24.3	5.88	37.4	5.95	178.5	178.5	0.7	0.94	1.99	<0.5	0.45	0.51	213												
40096971	0.40	12.0	23.7	5.64	91.6	5.46	417	417	1.0	1.21	2.20	<0.5	0.46	0.58	213												
40096972	0.30	9.5	18.6	4.37	76.6	4.23	62.1	62.1	0.7	0.88	1.84	0.7	0.45	0.47	227												
40096973	0.41	12.4	23.8	5.69	55.8	5.82	503	503	0.6	0.73	1.38	1.9	0.34	0.34	177												
40096974	0.48	13.7	26.2	6.17	65.7	6.60	565	565	0.7	0.91	1.86	1.0	0.48	0.46	245												
40096975	0.58	16.0	30.6	7.25	60.5	7.07	404	404	0.8	1.03	2.11	0.9	0.42	0.49	293												
40096976	0.43	13.6	26.3	6.37	43.9	6.26	442	442	1.0	1.21	2.53	<0.5	0.56	0.55	311												
40096977	0.50	16.0	29.6	7.11	53.9	7.07	442	442	0.8	1.02	2.23	<0.5	0.49	0.52	239												
40096978	0.51	15.7	29.1	6.93	78.1	7.06	556	556	0.9	1.14	2.55	<0.5	0.57	1.34	280												
40096979	0.48	14.5	27.7	6.41	103.0	6.27	473	473	1.0	1.14	2.37	<0.5	0.57	0.69	301												
40096980	0.39	13.1	27.7	7.03	30.8	6.24	347	347	0.7	0.89	2.21	<0.5	0.51	0.57	294												
															0.94	674											

***** See Appendix Page for comments regarding this certificate *****



ALS Minerals

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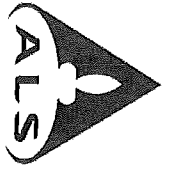
TO: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 24-JUL-2014
 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40096941	<1	41.4	3.62	313	3.4	0.07	0.009	0.26	1.2	<0.01	1.57	99.49	<0.5	6	0.6	
40096942	<1	33.4	2.92	256	6.3	0.05	0.010	0.25	1.3	0.01	8.08	98.23	<0.5	12	0.6	
40096943	<1	35.7	3.30	269	3.8	0.06	0.009	0.21	1.2	<0.01	2.41	98.72	<0.5	7	<0.5	
40096944	<1	34.0	2.97	258	1.7	0.05	0.007	0.12	0.9	0.01	1.40	101.93	<0.5	7	<0.5	
40096945	2	35.2	3.21	263	1.9	0.04	0.005	0.12	0.9	0.01	0.96	101.47	<0.5	5	0.7	
40096946	<1	34.6	3.07	259	4.1	0.06	0.007	0.16	1.0	0.01	1.07	98.98	<0.5	5	<0.5	
40096947	<1	36.5	3.11	273	2.2	0.05	0.006	0.16	1.1	<0.01	1.44	98.10	<0.5	5	0.7	
40096948	1	36.0	3.31	271	4.0	0.03	<0.005	0.16	0.9	0.01	1.18	99.57	<0.5	5	<0.5	
40096949	1	35.0	3.17	267	1.8	0.10	0.006	0.32	1.1	0.01	1.93	99.33	<0.5	<5	0.5	
40096950	1	23.9	2.21	130	0.1	0.02	<0.005	<0.05	0.6	0.01	1.39	98.37	<0.5	<5	0.5	
40096951	2	27.0	2.57	133	7.9	0.08	0.032	0.16	1.2	0.03	3.69	98.87	<0.5	10	1.1	
40096952	<1	28.7	2.92	157	12.7	0.10	0.010	0.16	1.7	0.05	3.95	98.77	<0.5	17	<0.5	
40096953	4	24.5	2.43	136	17.4	0.23	0.040	0.71	2.1	0.07	4.65	98.58	0.5	24	0.8	
40096954	<1	22.1	2.13	127	14.1	0.02	0.009	0.59	0.8	0.02	2.56	99.80	<0.5	13	<0.5	
40096955	<1	29.2	2.89	159	0.4	0.02	0.010	0.10	0.8	0.01	3.11	98.64	<0.5	<5	<0.5	
40096956	<1	27.7	2.70	150	0.6	0.02	0.015	0.20	0.8	0.01	2.87	98.21	<0.5	6	<0.5	
40096957	1	20.3	2.07	108	1.9	0.06	0.019	0.16	0.7	0.01	4.06	101.96	<0.5	<5	<0.5	
40096958	1	21.3	2.04	111	0.3	0.07	<0.005	0.14	0.6	0.01	4.15	99.99	<0.5	<5	<0.5	
40096959	1	26.1	2.53	148	1.7	0.10	0.016	0.27	0.9	0.01	3.65	99.25	<0.5	<5	0.5	
40096960	<1	4.1	0.33	20	1.4	0.10	0.018	0.56	1.2	0.14	10.60	101.71	2.0	<5	1.2	
40096961	1	19.2	1.77	99	1.7	0.04	<0.005	0.17	0.6	0.01	6.81	97.51	<0.5	<5	<0.5	
40096962	1	22.0	1.98	110	12.0	0.10	0.036	0.68	1.1	0.01	9.18	99.06	<0.5	14	1.0	
40096963	<1	42.5	4.07	235	9.5	0.14	0.007	0.62	1.9	0.02	4.77	98.43	<0.5	13	<0.5	
40096964	<1	45.2	4.42	255	3.8	0.03	0.007	0.34	1.3	0.01	3.33	100.61	<0.5	6	0.5	
40096965	<1	38.6	3.77	212	1.3	0.04	0.005	0.32	1.3	0.01	4.99	99.48	<0.5	<5	<0.5	
40096966	2	20.4	1.98	115	8.7	0.02	0.020	0.39	0.7	0.01	6.32	99.28	<0.5	14	1.5	
40096967	2	30.7	2.83	167	9.0	0.04	0.007	0.30	0.9	0.01	5.98	99.21	<0.5	14	0.8	
40096968	<1	27.9	2.57	150	1.1	0.03	0.007	0.19	1.0	0.01	4.90	98.77	<0.5	5	<0.5	
40096969	1	28.8	2.86	158	3.0	0.05	0.014	0.22	1.0	0.01	6.90	98.79	<0.5	7	0.7	
40096970	<1	31.2	2.91	174	3.1	0.04	0.010	0.20	1.0	0.01	6.47	98.58	<0.5	8	0.7	
40096971	<1	28.7	2.73	154	2.1	0.02	<0.005	0.23	1.0	0.01	3.84	99.17	<0.5	<5	<0.5	
40096972	<1	22.3	2.11	120	0.8	0.01	0.010	0.10	0.7	0.01	4.21	98.58	<0.5	<5	<0.5	
40096973	1	29.3	2.80	161	<0.1	0.02	0.006	0.10	0.9	0.01	3.04	98.70	<0.5	5	<0.5	
40096974	1	33.0	3.18	175	1.3	0.01	<0.005	0.13	0.9	0.01	3.08	98.09	<0.5	<5	0.5	
40096975	1	37.6	3.73	208	0.8	0.02	0.005	0.19	1.1	0.01	2.87	100.67	<0.5	5	<0.5	
40096976	<1	32.2	3.11	178	0.2	0.01	0.008	0.08	0.9	0.01	2.06	98.88	<0.5	<5	<0.5	
40096977	2	36.5	3.60	205	0.4	0.02	0.008	0.08	1.0	0.01	2.82	99.52	<0.5	6	<0.5	
40096978	<1	35.7	3.40	199	0.5	0.01	0.006	0.08	0.9	0.01	3.25	100.90	<0.5	<5	<0.5	
40096979	3	34.4	3.18	186	1.6	0.03	0.016	0.26	1.1	<0.01	4.29	100.17	<0.5	<5	<0.5	
40096980	<1	27.8	2.60	158	0.3	0.02	<0.005	<0.05	0.7	0.01	1.42	100.93	<0.5	<5	<0.5	



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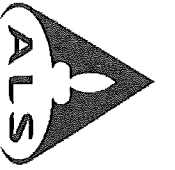
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 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MSZ4 Au ppm	PGM-MSZ4 Pt ppm	PGM-MSZ4 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 AS %	ME-ICP81 CaO %	ME-ICP81 Co %
40096941		47	329	20	3	61	14	29	197	0.003	0.0026	0.011				
40096942		39	255	30	2	52	4	25	176	0.001	0.0023	0.010				
40096943		51	287	20	2	83	6	25	169	0.004	0.0027	0.012				
40096944		55	281	20	1	98	5	24	162	0.004	0.0025	0.011				
40096945		53	279	20	2	91	5	25	178	0.004	0.0027	0.011				
40096946		54	269	20	1	93	5	25	195	0.003	0.0024	0.013				
40096947		50	296	20	2	76	<2	26	214	0.003	0.0027	0.012				
40096948		48	273	20	1	74	7	25	187	0.005	0.0026	0.011				
40096949		55	278	30	2	88	<2	27	172	0.003	0.0031	0.011				
40096950		50	43	10	1	46	6	34	128	0.001	<0.0005	0.001				
40096951		33	211	80	14	125	12	21	411	0.001	0.0022	0.004				
40096952		48	348	50	10	192	14	23	156	0.002	0.0066	0.013				
40096953		61	725	60	11	404	15	20	187	0.006	0.0156	0.058				
40096954		38	337	50	2	180	2	18	142	0.004	0.0051	0.016				
40096955		51	199	50	1	159	2	25	114	0.003	0.0068	0.008				
40096956		48	200	60	1	151	<2	26	140	0.002	0.0077	0.011				
40096957		39	40	50	<1	152	<2	22	165	<0.001	0.0087	0.012				
40096958		40	47	40	2	99	2	20	131	<0.001	0.0101	0.012				
40096959		49	133	30	2	104	<2	29	175	<0.001	0.0070	0.010				
40096960		145	612	<10	3	1960	58	10	216	0.015	0.0062	0.004				
40096961		35	55	40	<1	83	<2	21	137	0.001	0.0103	0.014				
40096962		42	137	50	8	72	<2	29	317	0.002	0.0080	0.010				
40096963		84	296	60	2	85	<2	37	106	0.001	0.0115	0.034				
40096964		53	304	50	1	95	3	36	177	0.003	0.0082	0.014				
40096965		51	271	60	2	102	<2	34	111	0.001	0.0067	0.008				
40096966		24	83	70	4	41	<2	17	391	<0.001	0.0029	0.003				
40096967		53	183	90	1	134	3	29	257	0.001	0.0048	0.005				
40096968		50	204	70	1	164	2	26	118	0.001	0.0058	0.007				
40096969		44	182	70	2	132	<2	25	234	0.001	0.0072	0.008				
40096970		41	196	70	2	130	<2	25	222	0.001	0.0078	0.008				
40096971		45	207	60	2	135	2	22	139	0.003	0.0060	0.007				
40096972		51	164	60	1	121	<2	16	105	0.002	0.0052	0.007				
40096973		50	225	50	1	174	2	25	129	0.003	0.0064	0.008				
40096974		47	230	50	1	146	7	29	165	0.003	0.0056	0.007				
40096975		42	253	50	2	92	2	30	159	0.003	0.0062	0.006				
40096976		47	247	50	1	149	2	27	135	0.003	0.0063	0.007				
40096977		48	266	50	1	121	5	29	150	0.003	0.0074	0.006				
40096978		45	249	60	1	120	<2	29	134	0.003	0.0073	0.008				
40096979		43	241	80	3	104	2	29	148	0.003	0.0053	0.006				
40096980		52	20	30	1	6	2	31	142	0.001	<0.0005	<0.001				

***** See Appendix Page for comments regarding this certificate *****



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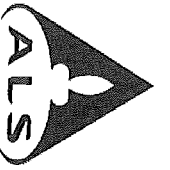
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40096941														
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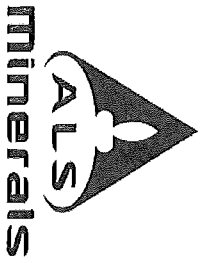
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Table with columns: Sample Description, Method Analyte Units, WEI-21 Recvd Wt, CRU-OC Passzmm, PUL-OC Pass75um, ME-ICP06 SiO2, ME-ICP06 Al2O3, ME-ICP06 F2O3, ME-ICP06 CaO, ME-ICP06 Na2O, ME-ICP06 MgO, ME-ICP06 K2O, ME-ICP06 Cr2O3, ME-ICP06 TiO2, ME-ICP06 MnO, ME-ICP06 P2O5, ME-ICP06 SPO. Rows include sample IDs like 40096981, 40096982, etc.



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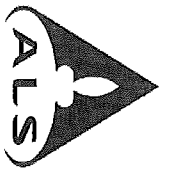
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ca ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40096981		0.07	0.09	0.09	609	54.0	170	2.09	6.91	4.01	2.02	21.4	7.00	5.1	1.40	24.3
40096982		0.06	0.19	0.33	591	57.3	140	1.48	7.66	4.11	2.12	21.7	7.94	5.8	1.55	25.7
40096983		0.08	0.17	0.21	698	48.7	180	2.24	6.12	3.44	1.88	19.7	6.50	4.8	1.27	21.6
40096984		0.10	0.18	0.21	895	53.0	180	3.08	6.79	3.79	2.08	21.0	7.10	5.3	1.40	23.9
40096985		0.06	0.13	0.23	532	47.5	210	1.75	6.21	3.45	1.88	21.1	6.56	4.8	1.24	21.3
40096986		0.05	0.13	0.13	451	51.8	170	1.56	6.78	3.63	1.98	21.7	6.93	5.3	1.38	23.3
40096987		0.06	0.13	0.10	530	57.7	170	2.72	7.36	4.14	2.25	22.1	7.73	5.5	1.54	25.4
40096988		0.07	0.15	0.07	637	46.4	210	1.91	6.05	3.42	1.91	20.1	6.09	4.4	1.25	20.7
40096989		0.05	0.16	0.08	528	45.7	200	1.83	6.10	3.44	1.89	20.5	6.32	4.6	1.23	20.5
40096990		0.08	0.23	0.38	720	6.1	4330	0.22	0.76	0.41	0.21	4.9	0.78	0.5	0.13	3.0
40096991		0.08	0.11	0.10	726	46.9	180	1.81	6.57	3.41	1.92	20.7	7.01	4.7	1.30	20.9
40096992		0.06	0.07	0.11	574	41.5	140	2.36	5.53	2.94	1.75	21.0	5.61	3.9	1.12	18.7
40096993		0.06	0.06	0.16	532	38.3	180	2.87	5.16	2.75	1.67	22.4	5.56	3.7	1.04	17.1
40096994		0.14	0.07	0.47	1265	36.6	180	2.92	4.88	2.76	1.50	19.3	4.98	3.6	1.02	16.6
40096995		0.23	0.06	0.20	2340	36.6	200	2.03	4.79	2.68	1.42	18.2	5.19	3.5	0.97	16.5
40096996		0.13	0.13	0.41	1270	34.3	170	1.80	4.59	2.39	1.54	19.4	4.64	3.3	0.91	15.5
40096997		0.04	0.04	0.48	364	34.0	160	1.84	4.62	2.51	1.65	20.6	5.02	3.3	0.90	15.2
40096998		0.03	0.05	0.14	290	33.0	210	1.64	4.29	2.43	1.41	20.5	4.50	3.1	0.87	14.7
40096999		0.03	0.11	0.25	271	36.3	180	2.13	4.83	2.71	1.53	20.9	4.98	3.5	0.97	16.5
40097000		0.03	0.05	0.26	270	35.1	170	1.83	4.59	2.62	1.59	20.0	5.14	3.5	1.00	15.7
40097001		0.02	0.04	0.19	194.0	30.8	210	1.60	4.05	2.33	1.36	20.3	4.22	2.8	0.80	13.8
40097002		0.02	0.06	1.29	194.5	31.0	190	1.97	4.14	2.37	1.37	19.6	4.27	3.0	0.80	13.9
40097003		0.04	0.07	0.45	317	27.0	180	2.56	3.70	2.02	1.28	18.5	3.61	2.6	0.72	12.3
40097004		0.03	0.06	0.60	244	29.1	170	2.69	3.93	2.32	1.35	18.7	4.24	2.7	0.75	13.1
40097005		0.03	0.08	1.02	276	31.0	170	2.66	4.23	2.33	1.38	20.5	4.38	3.1	0.86	13.6
40097006		0.14	0.16	0.42	1285	29.1	140	3.21	4.04	2.06	1.30	18.4	4.14	2.8	0.78	12.9
40097007		0.05	0.25	0.81	473	27.9	220	1.95	3.71	1.98	1.22	17.6	4.13	2.5	0.76	12.6
40097008		0.03	0.04	0.23	259	27.8	230	2.37	3.74	2.19	1.25	18.8	3.74	2.5	0.69	12.6
40097009		0.03	0.05	0.23	274	34.0	190	2.42	4.58	2.61	1.56	20.1	5.11	3.4	0.93	15.4
40097010		0.05	0.26	0.27	460	54.1	270	1.21	5.35	2.91	1.73	22.6	6.05	3.9	1.05	26.6
40097011		0.08	0.16	1.18	734	31.1	190	3.15	4.20	2.27	1.45	18.8	4.43	3.1	0.81	13.9
40097012		0.04	0.05	0.49	378	32.0	180	2.16	4.38	2.38	1.46	19.8	4.72	3.1	0.86	14.4
40097013		0.03	0.06	0.76	251	28.8	220	2.26	3.93	2.04	1.31	19.9	4.33	2.7	0.81	12.8
40097014		0.03	0.06	0.35	240	27.9	260	2.77	3.98	2.14	1.35	19.7	3.89	2.5	0.77	12.7
40097015		0.03	0.05	1.38	278	33.3	200	2.44	4.31	2.41	1.35	20.0	4.56	3.1	0.85	14.8
40097016		0.03	0.20	1.73	287	25.7	170	3.05	3.23	1.75	1.18	18.7	3.57	2.4	0.66	11.7
40097017		0.03	0.05	0.34	230	29.4	240	2.14	3.96	2.23	1.39	20.5	4.09	2.8	0.77	13.2
40097018		0.02	0.05	0.23	231	30.9	220	1.96	4.14	2.18	1.48	20.7	4.47	2.9	0.80	13.8
40097019		0.02	0.04	0.05	209	29.4	210	1.73	3.86	2.07	1.33	19.6	3.99	2.8	0.80	13.2
40097020		0.01	0.15	2.40	103.0	10.3	1980	0.82	1.34	0.74	0.41	7.4	1.23	0.8	0.21	4.9

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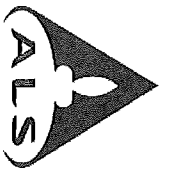
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CERTIFICATE OF ANALYSIS TB14104105

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Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pt ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm									
40096981	0.55	15.6	30.0	7.04	88.7	7.33	483	0.9	1.13	2.58	<0.5	0.54	0.57	320										
40096982	0.59	16.9	32.4	7.55	80.8	7.85	388	1.0	1.24	2.74	<0.5	0.60	0.63	323										
40096983	0.46	13.6	27.6	6.41	111.5	6.60	600	0.8	1.04	2.20	<0.5	0.50	0.56	293										
40096984	0.50	15.9	30.6	7.00	95.0	6.97	617	0.9	1.11	2.38	<0.5	0.56	0.58	319										
40096985	0.48	14.0	27.1	6.24	88.5	6.53	498	0.8	1.02	2.19	<0.5	0.48	0.55	288										
40096986	0.50	15.2	29.1	6.95	89.5	6.86	501	0.9	1.09	2.37	<0.5	0.56	0.58	299										
40096987	0.54	16.5	32.5	7.63	110.0	7.61	677	1.0	1.19	2.54	<0.5	0.56	0.60	304										
40096988	0.46	13.5	25.8	6.12	99.5	5.92	603	0.8	0.99	2.08	<0.5	0.48	0.46	261										
40096989	0.45	13.3	25.8	6.11	107.5	6.29	732	0.8	0.98	2.12	<0.5	0.48	0.49	263										
40096990	0.05	1.2	3.2	0.81	3.5	0.73	50.3	0.1	0.12	0.51	<0.5	0.05	0.13	8										
40096991	0.52	14.4	28.6	6.27	93.6	6.51	554	0.9	1.07	2.18	<0.5	0.53	0.55	265										
40096992	0.45	12.0	22.7	5.56	84.1	5.42	624	0.7	0.88	1.84	1.1	0.46	0.46	222										
40096993	0.38	11.4	21.9	5.04	80.0	5.09	628	0.7	0.83	1.66	1.5	0.42	0.38	216										
40096994	0.38	10.7	20.6	4.85	99.6	4.85	776	0.7	0.82	1.66	1.8	0.37	0.38	185										
40096995	0.38	10.4	21.1	4.81	120.5	4.53	769	0.7	0.78	1.57	1.1	0.39	0.37	207										
40096996	0.34	9.6	19.0	4.45	100.5	4.40	457	0.6	0.69	1.50	0.9	0.37	0.30	180										
40096997	0.35	10.0	19.2	4.44	50.7	4.50	494	0.6	0.74	1.45	1.1	0.36	0.35	182										
40096998	0.34	9.4	18.6	4.29	33.8	4.26	427	0.6	0.72	1.42	1.0	0.34	0.37	178										
40096999	0.38	10.5	20.0	4.74	33.8	4.97	441	0.7	0.83	1.57	1.3	0.39	0.33	201										
40097000	0.38	10.1	19.5	4.68	34.0	4.62	459	0.7	0.76	1.51	1.2	0.36	0.33	186										
40097001	0.31	8.8	17.4	4.11	22.0	4.28	369	0.6	0.67	1.26	0.7	0.30	0.29	166										
40097002	0.32	9.1	17.3	4.10	29.0	4.25	378	0.6	0.65	1.31	0.8	0.33	0.32	173										
40097003	0.29	7.9	14.8	3.55	43.8	3.61	510	0.5	0.58	1.10	1.4	0.29	0.26	163										
40097004	0.30	8.2	16.6	3.91	31.0	3.98	435	0.5	0.62	1.25	1.1	0.34	0.29	161										
40097005	0.33	9.3	17.6	4.18	41.3	4.01	472	0.7	0.69	1.40	1.8	0.35	0.43	187										
40097006	0.31	8.5	16.5	3.86	102.0	3.84	793	0.6	0.66	1.23	0.8	0.32	0.28	156										
40097007	0.28	7.6	15.7	3.64	62.4	3.69	549	0.5	0.58	1.20	0.5	0.29	0.26	152										
40097008	0.28	7.8	15.6	3.59	42.0	3.61	476	0.5	0.58	1.19	<0.5	0.26	0.26	141										
40097009	0.37	10.0	19.1	4.62	45.0	4.50	461	0.6	0.79	1.45	<0.5	0.38	0.35	182										
40097010	0.36	13.9	26.5	6.57	31.9	5.74	338	0.9	0.86	4.96	<0.5	0.42	0.82	650										
40097011	0.31	9.4	17.4	4.09	82.8	3.98	578	0.6	0.69	1.32	0.7	0.31	0.33	168										
40097012	0.35	9.5	17.8	4.30	60.8	4.27	551	0.6	0.71	1.37	<0.5	0.34	0.31	181										
40097013	0.33	8.3	16.2	3.86	55.4	4.03	498	0.5	0.67	1.22	0.5	0.31	0.29	162										
40097014	0.28	8.4	15.8	3.70	61.2	3.58	542	0.5	0.62	1.31	<0.5	0.31	0.31	154										
40097015	0.34	12.2	18.6	4.36	63.4	4.44	511	0.6	0.71	1.52	0.8	0.35	0.41	174										
40097016	0.25	7.7	14.6	3.37	82.7	3.23	575	0.5	0.55	1.04	0.9	0.25	0.25	145										
40097017	0.31	8.8	16.2	3.85	49.7	3.93	545	0.6	0.64	1.20	<0.5	0.31	0.33	171										
40097018	0.33	9.2	17.0	4.12	38.8	3.94	500	0.6	0.70	1.36	<0.5	0.30	0.32	165										
40097019	0.29	8.4	16.6	3.83	29.1	3.92	434	0.6	0.64	1.30	<0.5	0.34	0.29	150										
40097020	0.10	2.1	5.8	1.29	5.9	1.15	114.0	0.2	0.22	0.85	<0.5	0.10	0.17	112										

***** See Appendix Page for comments regarding this certificate *****



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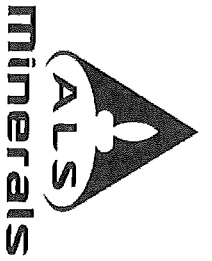
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40096981	<1	36.6	3.56	1.99	0.4	0.02	0.010	0.12	0.23	1.1	0.01	3.43	98.62	<0.5	<5	<0.5
40096982	<1	39.5	3.94	2.21	1.2	0.03	0.018	0.23	0.15	1.3	0.01	3.80	98.38	<0.5	<5	0.6
40096983	<1	33.3	3.05	1.77	0.9	0.06	0.026	0.15	0.11	1.0	<0.01	4.00	98.35	<0.5	<5	<0.5
40096984	<1	36.5	3.36	1.99	1.3	0.03	0.017	0.11	0.11	1.1	0.01	3.87	98.62	<0.5	5	<0.5
40096985	<1	32.5	2.98	1.82	0.5	0.05	0.017	0.11	0.11	1.2	0.01	4.37	98.79	<0.5	<5	<0.5
40096986	<1	35.2	3.40	1.96	1.0	0.02	0.025	0.08	0.08	1.2	<0.01	4.00	98.34	<0.5	<5	<0.5
40096987	<1	38.2	3.79	2.04	1.6	0.03	0.023	0.06	0.06	1.3	0.01	4.02	101.79	<0.5	<5	<0.5
40096988	<1	31.2	3.00	1.71	0.8	0.02	0.018	0.06	0.08	1.0	0.01	4.65	99.04	<0.5	<5	<0.5
40096989	<1	31.6	2.97	1.74	0.9	0.02	0.019	0.08	0.08	1.1	0.01	4.92	99.17	<0.5	<5	<0.5
40096990	2	3.9	0.37	1.9	1.3	0.10	0.026	0.37	0.37	1.3	0.12	10.90	99.30	1.0	<5	0.7
40096991	<1	33.1	3.24	1.92	0.9	0.02	0.026	0.08	0.08	1.3	0.01	4.35	101.55	<0.5	<5	<0.5
40096992	<1	29.0	2.68	1.60	0.2	0.03	0.024	0.11	0.11	1.1	0.01	3.56	98.76	<0.5	<5	<0.5
40096993	<1	26.9	2.69	1.52	0.2	0.02	0.018	0.08	0.08	1.0	0.01	2.96	98.62	<0.5	<5	<0.5
40096994	<1	25.3	2.46	1.47	1.0	0.06	0.022	0.09	0.09	1.9	0.03	4.95	98.64	0.6	5	<0.5
40096995	1	25.7	2.28	1.43	0.6	0.03	0.021	0.08	0.08	1.2	0.01	5.29	97.43	<0.5	5	<0.5
40096996	1	23.5	2.24	1.30	15.3	0.13	0.033	0.27	0.27	2.0	0.05	5.49	98.54	0.8	16	<0.5
40096997	<1	23.4	2.14	1.32	<0.1	0.16	0.022	<0.05	<0.05	1.8	0.04	1.81	99.24	0.9	5	<0.5
40096998	<1	22.7	2.09	1.28	0.4	0.06	0.018	<0.05	<0.05	1.0	0.01	1.49	99.92	<0.5	<5	<0.5
40096999	1	25.3	2.32	1.38	0.5	0.08	0.013	<0.05	1.1	1.0	0.02	2.04	95.89	<0.5	<5	<0.5
40097000	<1	24.4	2.39	1.39	0.5	0.05	0.015	<0.05	<0.05	1.2	0.02	2.05	98.00	0.5	<5	<0.5
40097001	<1	21.3	2.01	1.21	0.5	0.05	0.012	<0.05	<0.05	1.0	0.01	0.92	100.00	<0.5	5	<0.5
40097002	1	21.6	1.99	1.23	2.1	0.32	0.019	0.08	0.08	2.1	0.05	1.90	100.37	0.9	<5	<0.5
40097003	<1	18.6	1.74	1.06	5.6	0.18	0.012	0.42	0.42	1.7	0.04	2.59	98.19	0.8	7	<0.5
40097004	1	20.7	1.94	1.14	1.2	0.16	0.010	0.09	0.09	1.5	0.03	2.29	99.31	0.7	<5	<0.5
40097005	<1	22.1	2.03	1.25	0.9	0.19	0.015	0.11	0.11	2.1	0.05	2.51	99.68	1.2	<5	0.5
40097006	1	20.2	1.89	1.13	2.1	0.10	0.019	0.17	0.17	1.3	0.02	4.11	98.95	0.6	<5	<0.5
40097007	<1	19.0	1.94	1.06	22.8	0.19	0.021	0.35	0.35	1.4	0.03	2.88	100.63	0.7	21	<0.5
40097008	1	18.6	1.83	1.05	1.4	0.06	0.007	0.06	0.06	1.1	0.02	1.96	98.55	0.6	5	<0.5
40097009	<1	24.1	2.36	1.35	1.2	0.08	0.008	0.09	0.09	1.0	0.02	1.94	99.10	<0.5	<5	<0.5
40097010	<1	26.1	2.42	1.54	0.8	0.03	0.009	0.06	0.06	0.8	0.01	1.90	99.28	<0.5	<5	<0.5
40097011	1	21.8	2.00	1.25	8.8	0.27	0.044	0.42	0.42	2.0	0.06	4.05	99.40	1.3	10	0.8
40097012	<1	22.7	1.98	1.25	3.3	0.15	0.013	0.10	0.10	1.2	0.02	1.99	98.34	0.7	5	<0.5
40097013	1	20.5	2.09	1.14	2.1	0.23	0.018	0.13	0.13	1.6	0.04	2.30	99.52	0.6	7	<0.5
40097014	<1	19.5	1.75	1.08	1.3	0.16	0.010	0.21	0.21	1.0	0.02	2.43	101.87	<0.5	<5	<0.5
40097015	<1	22.6	2.10	1.26	3.3	0.28	0.023	0.23	0.23	2.3	0.05	2.20	101.17	1.2	7	0.7
40097016	<1	17.5	1.64	98	160.0	1.55	0.097	3.55	3.55	2.5	0.09	4.40	99.88	2.4	150	3.8
40097017	1	20.6	2.01	1.16	2.3	0.08	0.014	0.16	0.16	0.9	0.02	1.55	101.56	<0.5	<5	<0.5
40097018	<1	21.3	2.05	1.18	3.1	0.10	0.013	0.23	0.23	0.9	0.01	1.52	101.67	<0.5	10	0.5
40097019	1	19.9	1.94	1.14	0.3	0.02	0.011	0.05	0.05	0.6	<0.01	1.13	101.80	<0.5	5	<0.5
40097020	<1	6.9	0.62	31	9.1	1.08	0.005	0.28	0.28	10.7	2.38	9.09	101.59	2.6	11	0.5



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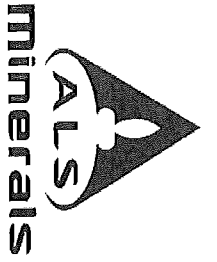
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 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002
40096981		43	274	70	1	96	10	33	158	0.004	0.0073	0.009				
40096982		44	279	60	2	91	4	36	173	0.003	0.0059	0.007				
40096983		46	270	90	2	131	8	30	159	0.003	0.0071	0.007				
40096984		47	259	80	2	93	4	31	151	0.003	0.0078	0.008				
40096985		46	234	90	2	113	3	28	141	0.003	0.0065	0.008				
40096986		44	250	80	2	102	3	30	146	0.003	0.0050	0.005				
40096987		48	262	80	2	109	2	30	139	0.003	0.0069	0.007				
40096988		47	236	90	1	132	<2	28	124	0.003	0.0080	0.009				
40096989		46	228	80	2	126	11	27	128	0.003	0.0068	0.008				
40096990		136	583	10	3	1670	59	10	202	0.018	0.0061	0.004				
40096991		48	230	80	1	134	3	30	123	0.003	0.0059	0.009				
40096992		43	512	60	1	220	2	26	111	0.009	0.0205	0.103				
40096993		48	588	60	1	306	4	24	109	0.010	0.0167	0.111				
40096994		69	1810	100	1	831	<2	22	115	0.021	0.0404	0.277				
40096995		48	649	120	2	334	<2	22	95	0.009	0.0183	0.106				
40096996		54	1960	100	1	783	<2	22	101	0.029	0.0606	0.313				
40096997		61	2680	80	1	1200	<2	20	104	0.031	0.0568	0.339				
40096998		52	504	70	1	365	3	20	98	0.007	0.0181	0.083				
40096999		55	1090	80	1	498	<2	23	107	0.013	0.0254	0.135				
40097000		57	1270	80	1	610	<2	22	106	0.012	0.0236	0.142				
40097001		59	613	60	1	410	<2	19	97	0.009	0.0171	0.076				
40097002		101	2190	70	2	995	6	21	101	0.023	0.0475	0.195				
40097003		60	2220	90	<1	804	2	18	92	0.025	0.125	0.281				
40097004		2010	2010	80	1	71	<2	19	97	0.020	0.0397	0.176				
40097005		85	3240	80	1	1245	4	20	104	0.029	0.0551	0.298				
40097006		55	1340	100	1	521	<2	17	87	0.015	0.0255	0.127				
40097007		40097007	71	1230	80	604	<2	18	108	0.014	0.0354	0.118				
40097008		55	1030	90	<1	585	<2	15	87	0.013	0.0414	0.168				
40097009		52	772	80	1	400	3	20	99	0.010	0.0207	0.082				
40097010		54	28	30	1	11	5	31	159	<0.001	<0.0005	0.001				
40097011		95	2910	70	1	1125	6	18	139	0.023	0.0473	0.257				
40097012		82	1250	60	1	537	3	20	128	0.012	0.0195	0.109				
40097013		65	1685	30	<1	822	14	18	106	0.017	0.0409	0.165				
40097014		68	745	30	<1	478	7	16	101	0.009	0.0206	0.097				
40097015		110	3160	20	<1	1290	7	19	112	0.028	0.0396	0.310				
40097016		101	2800	40	<1	1230	143	15	556	0.035	0.0427	0.288				
40097017		66	790	30	<1	364	10	18	105	0.007	0.0120	0.063				
40097018		62	590	30	<1	340	5	18	157	0.011	0.0137	0.045				
40097019		53	176	30	<1	274	3	16	91	0.003	0.0052	0.009				
40097020		204	5170	<10	2	7190	15	15	78	0.162	0.374	0.256				

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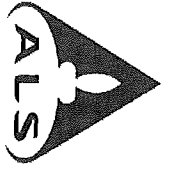
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40096981														
40096982														
40096983														
40096984														
40096985														
40096986														
40096987														
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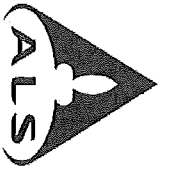
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40097021		5.01			45.0	18.90	10.45	8.63	2.14	6.54	1.85	0.03	1.36	0.13	0.17	0.07
40097022		3.96			45.9	19.35	11.00	9.55	2.40	7.05	1.03	0.03	1.34	0.14	0.16	0.05
40097023		5.03			45.7	18.55	11.55	8.90	2.54	7.38	1.04	0.03	1.29	0.14	0.15	0.05
40097024		5.68			46.5	17.05	13.85	8.94	2.54	6.73	1.01	0.03	1.77	0.16	0.20	0.05
40097025		4.56			47.2	16.10	14.15	8.82	2.45	7.01	1.45	0.03	2.13	0.18	0.24	0.05
40097026		2.26			46.8	17.20	12.30	8.72	2.49	6.19	1.68	0.02	2.00	0.16	0.27	0.07
40097027		5.31			47.1	17.60	13.25	9.43	2.44	5.98	1.46	0.02	1.92	0.16	0.22	0.06
40097028		5.02			46.3	16.95	14.45	9.20	2.56	6.06	1.01	0.03	1.95	0.17	0.24	0.05
40097029		3.10			46.1	18.15	14.80	8.45	2.43	6.29	1.59	0.03	1.61	0.15	0.20	0.06
40097030		2.25			44.4	16.85	15.70	8.04	2.34	6.22	1.48	0.03	1.62	0.15	0.21	0.06
40097031		6.16			44.0	15.95	16.85	8.18	2.32	6.13	1.30	0.03	1.85	0.16	0.21	0.05
40097032		6.90			48.3	18.25	12.35	9.22	2.56	5.91	1.55	0.02	1.90	0.16	0.23	0.06
40097033		4.62			47.2	18.85	10.95	7.40	2.17	5.97	2.81	0.03	1.56	0.15	0.19	0.09
40097034		5.26			45.9	19.15	13.05	7.78	2.29	5.11	2.40	0.02	1.54	0.13	0.18	0.08
40097035		4.32			43.8	18.20	15.80	8.78	2.26	5.23	1.23	0.02	1.38	0.13	0.15	0.05
40097036		6.07			47.6	18.85	11.55	8.30	2.44	5.80	2.15	0.02	1.68	0.15	0.20	0.07
40097037		5.36			47.4	18.05	12.50	7.60	2.39	6.30	2.24	0.03	1.81	0.17	0.23	0.07
40097038		5.92			47.8	19.30	11.15	7.84	2.34	5.73	2.41	0.02	1.59	0.16	0.19	0.08
40097039		4.86			45.8	18.15	11.00	6.79	2.13	6.85	2.39	0.03	1.41	0.18	0.16	0.08
40097040		0.30			47.4	13.10	18.90	8.25	2.83	4.16	0.90	<0.01	2.98	0.21	0.15	0.04
40097041		5.47			47.2	17.55	11.85	7.09	2.18	6.56	2.70	0.03	1.59	0.18	0.19	0.06
40097042		5.54			46.5	15.85	12.90	5.12	1.76	7.11	4.33	0.03	1.93	0.28	0.12	0.06
40097043		5.59			54.3	14.25	11.95	3.74	2.03	4.36	3.15	0.02	2.03	0.19	0.31	0.03
40097044		2.23			58.9	13.80	10.60	1.92	1.95	2.89	4.50	0.02	1.48	0.17	0.30	0.02
40097045		5.38			43.7	8.48	6.03	23.2	0.63	2.06	1.74	0.01	0.42	0.12	0.06	0.03
40097046		6.54			63.4	15.40	7.69	0.96	1.26	2.59	4.48	0.02	0.75	0.05	0.15	0.01
40097047		5.11			63.5	15.45	5.95	0.94	1.53	2.35	4.15	0.02	0.75	0.03	0.16	<0.01
40097048		9.76			64.8	15.50	5.97	0.93	1.50	2.43	4.47	0.02	0.78	0.04	0.16	0.01
40097049		9.86			65.0	15.60	6.43	0.63	1.71	2.40	4.87	0.02	0.80	0.05	0.15	0.02
40097050		0.16			36.9	3.09	13.55	2.04	0.22	31.5	0.12	0.62	0.27	0.16	0.03	<0.01
40097051		10.90	83.1	90.2	61.5	14.90	7.60	1.88	1.77	2.65	4.36	0.02	1.25	0.09	0.22	0.02
40097052		10.01			54.6	13.10	14.05	5.43	2.21	3.76	2.21	0.01	2.83	0.17	0.33	0.04
40097053		10.21			61.6	10.21	15.25	5.52	1.51	2.26	5.40	0.02	0.79	0.03	0.17	0.01
40097054		9.97			64.6	14.30	5.48	0.90	1.32	2.07	5.01	0.02	0.73	0.03	0.15	0.02
40097055		10.40			65.6	9.77	3.53	7.76	0.69	1.22	4.60	0.10	0.44	0.05	0.39	0.01
40097056		10.93			72.9	12.25	3.71	0.64	0.76	1.44	5.64	0.01	0.47	0.03	0.10	0.01
40097057		11.53			64.0	13.25	8.02	2.70	1.26	2.84	4.42	0.01	1.20	0.10	0.18	0.02
40097058		64.2			74.3	13.45	7.93	2.50	1.23	2.39	4.52	0.01	1.52	0.11	0.20	0.02
40097059		5.24			74.3	12.50	3.42	0.48	0.39	1.40	5.26	0.01	0.44	0.02	0.08	0.01
40097060		4.43			74.6	12.70	3.42	0.48	0.41	1.42	5.39	0.01	0.45	0.02	0.08	0.01

***** See Appendix Page for comments regarding this certificate *****



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 354-200 GRANVILLE STREET
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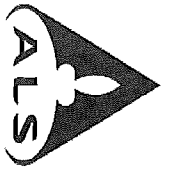
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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 24-JUL-2014
 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097021	0.04	0.06	0.06	0.06	354	27.9	180	3.02	3.83	1.99	1.32	19.8	3.82	2.6	0.73	12.5
40097022	0.02	0.04	0.07	0.07	214	28.3	210	2.11	3.52	2.02	1.36	19.7	3.87	2.7	0.76	12.7
40097023	0.02	0.03	0.15	0.15	200.0	26.8	230	1.53	3.64	2.04	1.24	20.1	3.66	2.6	0.70	12.1
40097024	0.02	0.03	0.52	0.52	210	35.4	220	1.63	4.39	2.69	1.73	20.5	5.05	3.6	0.94	16.9
40097025	0.03	0.08	0.16	0.16	272	40.9	210	2.25	5.01	3.14	1.92	21.5	6.09	4.3	1.14	19.4
40097026	0.04	0.07	0.10	0.10	346	44.4	190	1.98	5.29	3.34	1.96	22.3	6.32	4.8	1.17	21.4
40097027	0.03	0.05	0.42	0.42	271	38.1	190	1.76	4.69	2.85	1.78	21.5	5.52	4.0	1.03	17.9
40097028	0.03	0.04	0.82	0.82	229	39.9	220	1.59	4.97	2.90	1.87	20.9	5.66	4.1	1.07	19.2
40097029	0.03	0.03	1.41	1.41	222	32.7	200	2.22	4.40	2.44	1.51	20.0	4.88	3.3	0.92	15.5
40097030	0.03	0.03	1.87	1.87	215	34.1	280	2.42	4.02	2.45	1.62	19.5	4.81	3.5	0.92	16.3
40097031	0.03	0.02	1.82	1.82	231	33.0	220	2.13	4.00	2.50	1.56	18.9	4.69	3.5	0.88	15.5
40097032	0.04	0.03	0.10	0.10	311	38.1	170	1.66	4.47	2.87	1.78	20.7	5.32	4.0	1.02	18.0
40097033	0.08	0.03	0.18	0.18	672	30.2	190	1.73	3.63	2.26	1.42	19.2	4.25	3.1	0.83	14.3
40097034	0.04	0.01	1.02	1.02	381	29.2	160	1.78	3.50	2.13	1.49	20.1	4.20	3.0	0.79	13.8
40097035	0.02	<0.01	2.26	2.26	185.5	24.8	150	1.56	2.98	1.81	1.22	17.2	3.64	2.6	0.66	11.7
40097036	0.05	0.02	0.08	0.08	407	32.4	180	1.77	3.95	2.41	1.59	21.0	4.53	3.4	0.85	15.2
40097037	0.06	0.03	0.08	0.08	504	36.2	230	2.25	4.37	2.83	1.68	21.3	5.17	3.9	0.97	17.1
40097038	0.06	0.02	0.04	0.04	547	32.1	170	2.47	3.90	2.42	1.56	20.7	4.64	3.3	0.86	15.3
40097039	0.07	0.03	0.04	0.04	588	27.6	200	2.42	3.34	2.00	1.31	18.5	3.91	2.8	0.71	13.0
40097040	0.04	0.18	0.19	0.19	351	39.8	10	0.99	3.91	2.38	1.56	22.1	4.61	3.4	0.84	20.5
40097041	0.09	0.04	0.07	0.07	778	30.2	230	2.20	3.51	2.29	1.39	18.4	4.06	3.2	0.78	14.4
40097042	0.20	0.19	0.44	0.44	1665	35.7	190	7.99	4.23	2.65	1.53	17.1	5.23	3.6	0.97	17.0
40097043	0.09	0.35	0.47	0.47	753	68.2	140	3.21	6.16	3.78	1.76	21.1	7.34	6.1	1.34	33.9
40097044	0.11	0.66	1.10	1.10	891	72.3	100	2.07	4.92	3.22	1.39	18.6	6.18	5.3	1.12	38.5
40097045	0.04	3.97	0.40	0.40	352	38.9	90	1.26	2.99	1.99	1.27	10.5	4.05	2.5	0.69	21.7
40097046	0.09	1.73	0.28	0.28	766	69.2	160	3.52	3.71	2.45	1.25	19.1	5.03	4.4	0.82	37.2
40097047	0.07	1.97	0.31	0.31	658	70.8	180	4.31	3.92	2.68	1.30	20.1	5.07	4.7	0.92	38.8
40097048	0.09	1.36	0.09	0.09	792	74.4	190	3.61	3.93	2.56	1.24	19.7	5.00	4.8	0.88	39.5
40097049	0.10	0.99	0.70	0.70	895	72.0	190	5.61	3.78	2.41	1.19	19.8	4.84	5.1	0.84	37.9
40097050	0.08	0.22	0.35	0.35	696	6.6	4560	0.17	0.69	0.45	0.26	4.2	0.84	0.6	0.15	3.4
40097051	0.10	1.19	0.28	0.28	923	74.8	170	5.43	4.66	2.93	1.70	21.0	6.25	5.6	1.02	39.2
40097052	0.07	0.48	0.22	0.22	671	77.7	80	4.57	6.20	3.73	2.67	23.6	8.27	6.7	1.34	37.0
40097053	0.09	1.77	0.52	0.52	892	72.5	190	7.91	4.31	2.76	1.40	19.8	5.42	5.2	0.94	40.0
40097054	0.08	2.24	0.62	0.62	750	69.8	190	6.76	4.13	2.67	1.34	18.8	5.25	4.5	0.89	38.8
40097055	0.06	1.74	0.60	0.60	541	52.1	760	5.06	3.43	2.06	1.03	11.9	4.20	2.7	0.76	28.0
40097056	0.07	0.76	0.40	0.40	629	88.5	90	6.54	4.60	2.98	1.09	16.4	5.80	6.1	1.03	42.6
40097057	0.07	0.89	0.76	0.76	581	79.0	80	4.95	5.29	3.40	1.57	19.5	6.41	5.9	1.21	38.9
40097058	0.07	0.38	0.26	0.26	593	96.3	80	6.44	7.49	4.74	2.02	21.8	8.77	7.7	1.68	43.7
40097059	0.06	0.39	0.24	0.24	530	100.5	60	7.95	10.60	6.95	1.76	21.1	10.35	9.7	2.38	44.0
40097060	0.06	0.39	0.22	0.22	511	107.0	60	8.39	10.55	6.82	1.89	21.2	10.95	9.8	2.28	46.5

***** See Appendix Page for comments regarding this certificate *****



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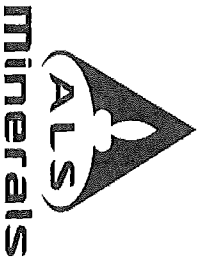
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 24-JUL-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40097021	0.28	8.0	15.6	3.62	63.5	3.71	3.94	31.5	3.52	32.0	4.82	4.79	20.5	24.3	12.4	0.44
40097022	0.30	8.1	15.9	3.85	31.5	3.94	3.71	61.3	0.5	0.6	0.62	1.14	0.6	0.30	0.27	14.4
40097023	0.26	7.5	15.1	3.47	32.0	3.52	3.94	44.7	0.6	0.58	0.58	1.28	<0.5	0.29	0.28	14.3
40097024	0.38	10.6	20.5	4.79	32.8	4.82	4.79	46.0	0.5	0.56	0.56	1.22	<0.5	0.28	0.28	14.4
40097025	0.44	12.4	24.3	5.57	48.9	5.58	5.58	41.9	0.7	0.74	0.74	1.67	<0.5	0.40	0.37	21.9
40097026	0.47	13.0	26.1	6.04	60.8	5.89	5.89	48.0	0.8	0.90	0.90	1.97	<0.5	0.46	0.42	26.0
40097027	0.40	11.5	22.3	5.16	48.9	5.16	5.16	57.1	0.8	0.93	0.93	2.13	<0.5	0.47	0.49	25.4
40097028	0.44	11.7	23.4	5.44	50.1	5.41	5.41	52.8	0.8	0.81	0.81	1.80	<0.5	0.44	0.36	24.2
40097029	0.34	9.6	19.1	4.49	56.4	4.46	4.46	40.0	0.8	0.86	0.86	1.86	<0.5	0.46	0.38	23.8
40097030	0.34	10.0	20.0	4.67	52.9	4.57	4.57	51.8	0.6	0.74	0.74	1.53	0.8	0.38	0.48	17.2
40097031	0.34	10.0	19.6	4.50	42.6	4.65	4.65	48.9	0.7	0.71	0.71	1.69	1.0	0.37	0.34	20.3
40097032	0.40	11.1	22.6	5.26	50.1	5.29	5.29	49.4	0.6	0.69	0.69	1.60	<0.5	0.37	0.33	21.8
40097033	0.31	8.8	17.9	4.19	85.1	4.12	4.12	48.4	0.7	0.81	0.81	1.69	<0.5	0.43	0.41	22.2
40097034	0.29	8.7	17.5	4.07	85.1	4.12	4.12	70.3	0.6	0.62	0.62	1.46	<0.5	0.34	0.30	18.0
40097035	0.25	7.2	14.5	3.41	38.1	3.36	3.36	70.7	0.5	0.61	0.61	1.33	0.7	0.33	0.27	18.7
40097036	0.32	9.5	18.8	4.50	70.0	4.48	4.48	43.4	0.5	0.52	0.52	1.12	1.0	0.27	0.23	15.7
40097037	0.37	10.6	21.5	5.01	85.1	5.10	5.10	60.7	0.6	0.67	0.67	1.49	<0.5	0.37	0.34	19.3
40097038	0.35	9.4	19.0	4.43	85.8	4.60	4.60	62.0	0.7	0.74	0.74	1.72	<0.5	0.40	0.35	22.1
40097039	0.27	7.8	16.5	3.78	83.5	3.80	3.80	69.0	0.5	0.66	0.66	1.53	<0.5	0.36	0.34	19.3
40097040	0.34	11.3	21.5	5.20	24.9	5.00	5.00	67.2	0.5	0.54	0.54	1.27	0.5	0.30	0.26	16.4
40097041	0.31	8.5	18.1	4.19	89.3	4.08	4.08	31.6	0.7	0.70	0.70	3.60	<0.5	0.36	0.61	7.97
40097042	0.36	10.2	21.9	4.94	139.5	5.06	5.06	53.4	0.5	0.61	0.61	1.33	<0.5	0.33	0.29	19.6
40097043	0.55	15.7	38.0	9.35	98.0	7.98	7.98	93.1	0.7	0.72	0.72	1.64	0.5	0.38	0.38	21.6
40097044	0.46	14.1	36.6	9.50	108.5	7.26	7.26	236	1.1	1.06	1.06	6.67	0.7	0.58	3.62	23.5
40097045	0.28	5.7	22.0	5.40	42.0	4.36	4.36	160.5	1.0	0.86	0.86	8.94	0.7	0.46	5.05	13.9
40097046	0.40	10.6	35.5	9.49	118.0	6.63	6.63	239	0.4	0.50	0.50	5.85	0.6	0.28	4.65	8.4
40097047	0.43	11.2	36.4	9.53	117.5	6.67	6.67	70.6	0.8	0.65	0.65	11.05	1.0	0.37	8.05	22.0
40097048	0.40	11.7	37.2	9.79	123.5	6.39	6.39	65.2	0.8	0.69	0.69	11.90	0.8	0.41	10.50	27.5
40097049	0.38	11.5	35.6	9.45	137.0	6.56	6.56	97.8	0.9	0.68	0.68	12.05	0.8	0.39	9.07	24.6
40097050	0.07	1.3	3.7	0.84	2.6	0.84	0.84	154.0	0.9	0.66	0.66	12.15	0.8	0.38	7.60	22.2
40097051	0.43	14.4	39.1	10.05	125.0	7.48	7.48	51.5	0.1	0.12	0.12	0.58	<0.5	0.06	0.14	2.3
40097052	0.47	22.3	45.2	10.60	75.7	9.72	9.72	230	1.1	0.83	0.83	11.05	0.7	0.44	9.63	26.5
40097053	0.47	11.7	36.2	17.70	6.78	6.78	6.78	39.5	1.5	1.13	1.13	6.18	0.5	0.52	3.78	40.8
40097054	0.43	10.8	35.4	9.15	169.5	6.77	6.77	136.0	0.9	0.72	0.72	11.95	0.8	0.44	11.05	27.7
40097055	0.32	7.4	25.7	6.70	146.0	5.04	5.04	124.5	0.8	0.70	0.70	11.20	0.8	0.43	13.65	28.7
40097056	0.47	13.9	41.1	10.90	197.5	7.64	7.64	121.5	0.5	0.58	0.58	7.14	0.8	0.31	8.89	24.3
40097057	0.53	16.4	39.4	10.20	138.5	8.14	8.14	89.5	1.0	0.81	0.81	14.10	1.0	0.45	9.65	16.6
40097058	0.72	20.7	48.4	12.00	141.0	10.20	10.20	171.0	1.2	0.95	0.95	12.35	0.7	0.52	7.01	26.6
40097059	1.06	18.5	47.0	11.90	187.5	10.65	10.65	203	1.4	1.25	1.25	11.10	0.7	0.72	5.53	23.3
40097060	1.04	18.2	49.9	12.60	186.5	11.25	11.25	60.7	1.3	1.77	1.77	10.65	0.7	1.08	7.20	12.3
									1.4	1.70	1.70	10.75	0.7	1.01	7.33	11.7



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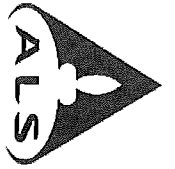
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAD5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097021	<1	19.4	1.84	108	2.9	0.02	0.006	0.21	0.6	<0.01	3.41	98.72	<0.5	10	<0.5	
40097022	1	19.1	1.83	112	0.5	0.04	0.016	0.05	0.7	0.01	1.61	99.63	<0.5	<5	<0.5	
40097023	<1	18.3	1.74	103	0.3	0.03	<0.005	<0.05	0.7	0.05	1.12	98.46	<0.5	5	<0.5	
40097024	1	25.2	2.48	138	1.0	0.11	0.011	0.10	1.5	0.05	1.15	100.00	0.6	6	<0.5	
40097025	11	29.4	2.78	161	1.4	0.03	0.008	0.20	0.9	0.02	1.85	101.69	<0.5	6	0.6	
40097026	<1	31.1	3.00	174	2.8	0.04	0.005	0.24	0.9	0.01	2.43	100.37	<0.5	8	<0.5	
40097027	2	27.4	2.57	150	1.8	0.12	0.009	0.15	1.2	0.04	1.63	101.30	<0.5	6	<0.5	
40097028	1	28.2	2.74	152	8.4	0.15	0.011	0.25	1.7	0.05	1.13	100.13	0.7	14	<0.5	
40097029	1	23.5	2.23	129	8.3	0.27	0.009	0.33	2.5	0.09	2.05	101.94	0.8	10	0.7	
40097030	6	24.0	2.25	132	9.3	0.28	0.010	0.38	2.9	0.11	2.39	99.52	1.0	13	0.8	
40097031	2	23.9	2.30	130	4.6	0.35	0.032	0.33	3.1	0.10	2.55	99.61	1.2	10	0.7	
40097032	1	27.2	2.72	147	1.7	0.09	0.011	0.10	1.0	0.01	1.19	101.74	<0.5	6	<0.5	
40097033	1	21.1	2.07	115	1.8	0.05	0.006	0.13	1.1	0.02	2.62	100.07	<0.5	5	<0.5	
40097034	1	21.1	2.00	113	19.4	0.60	0.024	1.13	1.9	0.11	2.08	99.75	1.3	20	1.6	
40097035	1	17.5	1.68	96	36.6	0.86	0.047	2.01	3.4	0.19	2.02	99.07	2.2	37	2.7	
40097036	1	22.9	2.11	126	1.9	0.04	0.013	0.16	0.8	0.01	1.49	100.35	<0.5	5	<0.5	
40097037	1	25.8	2.50	145	2.4	0.02	0.008	0.20	0.8	0.01	2.10	100.95	2.10	6	<0.5	
40097038	<1	23.0	2.26	128	0.7	0.01	0.011	0.10	0.7	<0.01	2.37	101.04	<0.5	7	<0.5	
40097039	2	19.3	1.82	104	0.5	0.01	0.020	0.12	0.7	<0.01	3.82	98.86	<0.5	<5	<0.5	
40097040	2	22.7	2.29	120	1.2	0.02	0.006	0.06	0.6	0.01	1.09	100.05	<0.5	7	<0.5	
40097041	1	21.2	2.05	116	1.3	0.02	0.021	0.16	0.7	<0.01	2.06	99.33	<0.5	<5	<0.5	
40097042	1	25.5	2.45	136	16.8	0.19	0.039	1.08	1.3	0.03	4.74	101.09	<0.5	21	0.5	
40097043	3	36.8	3.56	231	18.0	0.29	0.051	1.30	1.6	0.01	4.11	100.56	<0.5	21	0.5	
40097044	3	30.9	3.12	200	46.8	1.59	0.095	2.14	1.7	0.08	3.92	100.58	<0.5	53	1.0	
40097045	1	25.7	1.74	90	23.8	0.10	0.048	4.21	1.2	0.03	13.95	100.47	<0.5	21	0.6	
40097046	2	24.1	2.43	153	43.8	0.46	0.057	1.87	1.3	0.04	4.91	101.76	<0.5	42	0.6	
40097047	3	25.6	2.62	168	23.8	0.41	0.044	1.24	1.4	0.05	4.86	99.76	<0.5	23	0.5	
40097048	2	24.5	2.56	170	15.0	0.24	0.032	1.30	1.1	0.02	4.10	100.80	<0.5	17	<0.5	
40097049	1	23.1	2.65	174	12.3	0.26	0.032	0.91	1.3	0.03	4.01	101.79	<0.5	15	0.5	
40097050	1	4.3	0.36	21	1.0	0.12	0.027	0.53	1.3	0.12	10.75	99.33	1.5	<5	0.9	
40097051	1	28.2	2.80	199	12.6	0.17	0.050	0.79	1.3	0.03	3.66	100.02	<0.5	12	0.6	
40097052	5	35.7	3.20	248	9.7	0.13	0.021	0.68	1.2	0.02	2.54	98.35	<0.5	10	<0.5	
40097053	2	27.6	2.82	180	18.1	0.26	0.056	0.90	1.8	0.05	4.41	100.73	<0.5	16	1.3	
40097054	2	26.7	2.83	160	20.6	0.32	0.070	1.52	2.0	0.07	5.12	99.83	0.5	21	1.8	
40097055	2	26.7	2.02	96	27.4	0.30	0.070	1.99	1.6	0.04	5.95	100.17	0.5	29	2.3	
40097056	8	28.6	3.02	208	8.2	0.30	0.027	0.81	1.2	0.05	3.06	101.09	<0.5	12	<0.5	
40097057	2	33.5	3.28	215	15.1	0.29	0.060	1.39	1.9	0.05	4.14	>102.00	0.7	16	0.9	
40097058	1	45.5	4.60	276	12.7	0.20	0.041	0.80	1.5	0.04	2.67	100.82	<0.5	16	<0.5	
40097059	1	63.2	6.90	316	11.8	0.30	0.044	0.46	1.8	0.04	2.77	101.14	<0.5	15	1.2	
40097060	2	60.6	7.01	313	13.4	0.31	0.032	0.49	2.1	0.04	2.66	101.71	<0.5	16	0.8	



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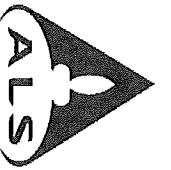
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 AS %	ME-ICP81 CaO %	ME-ICP81 Co %
40097021		44	158	50	<1	198	14	17	101	0.004	0.0056	0.009				
40097022		53	361	40	<1	298	<2	15	91	0.009	0.0166	0.111				
40097023		58	434	20	<1	307	5	16	93	0.005	0.0098	0.040				
40097024		68	1635	20	<1	662	5	21	107	0.017	0.0329	0.191				
40097025		53	402	20	<1	245	26	25	136	0.006	0.0129	0.038				
40097026		45	237	30	<1	170	6	23	108	0.003	0.0072	0.040				
40097027		63	1180	30	<1	526	4	23	110	0.014	0.0342	0.156				
40097028		78	1605	10	2	673	9	23	112	0.017	0.0241	0.188				
40097029		114	2600	20	2	1100	7	19	102	0.024	0.0416	0.233				
40097030		126	2880	20	2	1300	13	18	103	0.028	0.0525	0.291				
40097031		133	2920	30	1	1390	13	23	116	0.027	0.131	0.251				
40097032		46	347	30	<1	201	29	22	117	0.010	0.0109	0.030				
40097033		50	851	60	<1	375	9	19	94	0.012	0.0229	0.097				
40097034		88	1940	50	<1	717	18	18	115	0.022	0.0360	0.151				
40097035		139	3310	30	2	1280	37	16	148	0.037	0.0650	0.269				
40097036		46	268	30	<1	167	5	18	95	0.004	0.0087	0.020				
40097037		47	191	30	<1	143	5	20	101	0.003	0.0073	0.010				
40097038		44	158	50	<1	164	5	17	89	0.003	0.0066	0.010				
40097039		49	146	60	<1	190	<2	16	88	0.002	0.0054	0.008				
40097040		60	18	10	<1	9	6	31	154	<0.001	<0.0005	<0.001				
40097041		46	180	50	<1	151	7	18	97	0.003	0.0102	0.020				
40097042		53	583	120	<1	258	22	24	158	0.008	0.0131	0.039				
40097043		31	140	60	3	72	26	28	183	0.002	0.0044	0.006				
40097044		26	84	60	4	43	94	18	240	0.010	0.0008	0.001				
40097045		8	41	60	36	41	20	11	115	0.001	0.0009	0.002				
40097046		14	101	70	29	89	39	17	135	0.002	0.0020	0.003				
40097047		15	126	50	11	104	15	19	128	0.001	0.0022	0.004				
40097048		16	100	60	8	84	14	19	114	0.001	0.0018	0.003				
40097049		15	85	90	7	79	17	18	124	0.002	0.0015	0.003				
40097050		141	583	20	3	1895	60	10	201	0.014	0.0153	0.004				
40097051		19	150	70	12	88	23	19	177	0.003	0.0024	0.006				
40097052		40	236	50	5	80	18	23	163	0.004	0.0026	0.010				
40097053		126	126	70	14	90	23	19	219	0.008	0.0026	0.005				
40097054		15	160	70	23	99	33	19	253	0.009	0.0032	0.006				
40097055		13	139	50	8	61	29	14	303	0.004	0.0023	0.004				
40097056		8	144	50	10	39	27	11	76	0.002	0.0030	0.005				
40097057		21	361	70	7	53	47	16	178	0.005	0.0038	0.009				
40097058		19	168	60	4	50	27	17	130	0.003	0.0029	0.007				
40097059		9	108	50	4	30	40	11	180	0.002	0.0020	0.004				
40097060		8	119	50	5	28	39	11	141	0.002	0.0021	0.004				

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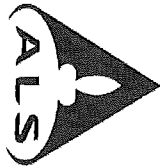
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
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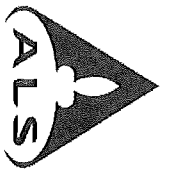
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40097061		10.14	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40097062		4.50			60.5	7.16	5.76	9.48	0.15	4.41	2.79	0.01	0.30	0.14	0.10	0.01
40097063		2.33			48.0	6.86	6.10	14.15	0.12	7.36	1.33	0.01	0.29	0.40	0.15	0.01
40097064		3.73			54.7	15.10	6.71	4.73	0.16	6.80	4.63	0.03	0.51	0.25	0.72	0.01
40097065		10.50			21.3	2.29	6.73	32.2	0.05	9.30	0.33	<0.01	0.08	0.90	0.34	0.02
40097066		10.39			26.2	0.43	8.40	29.5	0.05	8.29	0.03	<0.01	0.02	1.00	0.31	0.02
40097067		10.24			35.5	0.21	8.51	23.6	0.04	7.37	0.06	<0.01	0.01	1.07	0.28	0.02
40097068		10.24			36.3	2.82	9.15	20.6	0.05	6.73	0.09	0.01	0.10	1.08	0.46	0.01
40097069		2.56			70.7	1.62	7.61	9.96	0.06	2.55	0.18	0.01	0.08	0.41	0.16	0.01
40097070		0.82			70.8	0.35	13.40	8.16	0.11	1.86	0.11	<0.01	0.02	0.44	0.07	<0.01
					52.0	14.05	13.35	8.51	2.85	5.39	1.13	0.02	1.71	0.18	0.18	0.04

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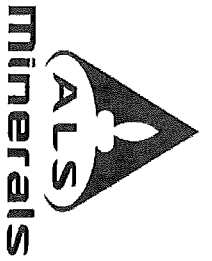
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40097061		0.03	2.43	1.44	273	50.0	40	4.52	4.12	2.55	0.90	11.2	4.42	3.2	0.88	22.3
40097062		0.03	3.02	0.02	257	39.5	60	1.71	2.52	1.46	1.00	9.2	3.01	2.4	0.54	20.7
40097063		0.05	0.67	0.05	419	128.5	180	10.75	11.80	6.11	3.68	19.7	15.95	4.0	2.38	68.5
40097064		0.07	7.12	1.59	583	44.9	20	0.95	4.20	2.66	1.40	4.8	5.25	1.3	0.95	25.9
40097065		0.01	7.03	2.30	98.7	14.7	10	0.27	1.14	0.77	0.32	1.7	1.17	<0.2	0.27	7.7
40097066		<0.01	6.13	2.25	30.1	13.7	10	0.16	0.93	0.65	0.38	1.8	1.15	<0.2	0.23	7.2
40097067		<0.01	5.15	1.35	23.1	26.8	80	0.66	2.74	1.87	0.81	4.8	3.34	0.8	0.65	16.1
40097068		<0.01	2.18	1.55	20.0	14.3	50	1.09	1.67	1.04	0.49	4.4	2.08	0.5	0.38	7.7
40097069		<0.01	1.83	2.95	4.5	9.1	20	1.20	0.44	0.26	0.18	2.1	0.50	<0.2	0.10	3.4
40097070		0.05	0.18	0.15	450	53.7	170	0.95	4.59	2.48	1.72	22.6	5.31	4.4	0.94	26.8



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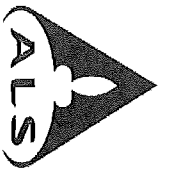
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CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pt ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Tl ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40097061		0.32	6.4	22.8	5.77	93.9	4.34	3	72.3	0.5	0.67	4.92	0.5	0.35	5.86	150
40097062		0.19	6.2	18.4	4.77	43.9	3.31	3	98.3	0.5	0.46	5.33	<0.5	0.21	4.88	234
40097063		0.53	15.9	81.2	19.60	226	16.50	2	79.9	1.3	2.10	8.86	0.7	0.71	12.40	1645
40097064		0.25	2.0	26.0	6.16	13.5	5.15	1	193.5	0.2	0.72	2.35	<0.5	0.35	5.91	282
40097065		0.08	0.4	5.7	1.45	1.4	1.10	1	200	0.1	0.19	0.29	<0.5	0.10	3.44	35
40097066		0.07	0.3	5.3	1.34	0.9	1.02	1	165.0	<0.1	0.16	0.45	<0.5	0.09	3.10	31
40097067		0.20	1.8	15.1	3.62	3.5	3.06	2	158.5	0.2	0.46	2.25	<0.5	0.26	9.74	231
40097068		0.10	1.6	8.3	1.92	7.9	1.87	1	84.2	0.1	0.28	0.85	<0.5	0.16	8.86	487
40097069		0.03	1.4	2.7	0.85	3.3	0.54	2	43.3	<0.1	0.07	0.37	<0.5	0.03	0.16	14
40097070		0.35	10.5	25.2	6.22	31.4	5.46	2	359	0.7	0.80	5.27	<0.5	0.37	0.92	385

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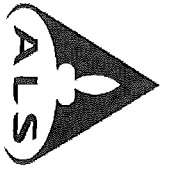
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Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40097061	1	25.5	0.5	0.03	104	19.4	0.46	0.043	1.98	2.6	0.07	7.39	98.23	<0.5	23	0.5
40097062	1	17.6	0.5	1.29	82	59.0	0.15	0.081	0.61	0.7	0.02	14.55	99.36	<0.5	60	1.1
40097063	3	84.2	0.5	3.82	127	118.5	0.63	0.062	1.08	1.8	0.04	6.83	101.23	<0.5	105	1.1
40097064	1	36.4	0.5	1.94	45	117.5	0.96	0.052	1.11	2.1	0.08	24.8	98.41	<0.5	125	1.2
40097065	1	10.9	0.5	0.62	5	226	0.26	0.013	0.98	1.7	0.08	22.8	97.06	<0.5	199	<0.5
40097066	1	9.3	0.5	0.48	2	76.1	0.98	0.009	0.53	2.2	0.05	18.70	95.37	<0.5	67	<0.5
40097067	2	26.5	0.5	1.45	26	85.6	0.24	0.021	0.21	1.7	0.06	17.35	94.75	<0.5	73	<0.5
40097068	1	16.1	0.5	0.82	21	223	0.26	0.028	0.49	1.2	0.05	6.68	100.03	<0.5	191	0.5
40097069	1	3.7	0.5	0.20	8	181.5	0.14	0.020	0.35	1.3	0.09	4.20	99.52	<0.5	154	<0.5
40097070	1	24.3	0.5	2.35	148	0.8	0.02	<0.005	<0.05	0.6	<0.01	1.23	100.69	<0.5	<5	<0.5



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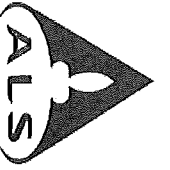
Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Page: 6 - E
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 Account: KAV

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %
40097061		15	225	50	5	28	19	8	99	0.006	0.0024	0.003				
40097062		13	22	70	7	63	19	6	240	0.001	0.0021	0.003				
40097063		9	46	90	2	65	17	13	210	0.006	0.0023	0.002				
40097064		4	117	60	3	5	26	2	210	0.006	<0.0005	<0.001				
40097065		5	97	40	2	4	8	<1	57	0.002	<0.0005	<0.001				
40097066		6	79	30	4	3	12	<1	54	0.002	<0.0005	<0.001				
40097067		8	50	50	14	26	22	3	102	0.001	0.0011	0.002	2.83	0.01	21.1	0.002
40097068		9	37	30	5	13	23	3	73	0.002	<0.0005	0.001				
40097069		7	42	30	1	3	5	1	19	0.001	<0.0005	<0.001				
40097070		42	42	30	1	42	3	28	106	0.001	<0.0005	0.001				

***** See Appendix Page for comments regarding this certificate *****



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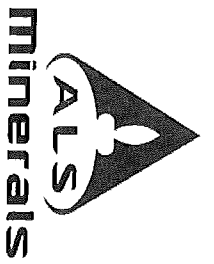
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 Total # Pages: 6 (A - F)
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 Account: KAV

Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

Sample Description	Method Analyte Units LOR	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40097061		0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01	0.01	0.2	0.01	0.01
40097062														
40097063														
40097064														
40097065														
40097066														
40097067		0.01	0.008	6.59	9.42	<0.1	7.00	1.13	0.007	0.01	1.40	38.1	0.11	0.01
40097068														
40097069														
40097070														

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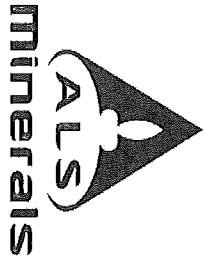
Project: EB80002216

CERTIFICATE OF ANALYSIS TB14104105

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Applies to Method:	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. BAG-04 LOG-23 WEI-21 Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. C-IR07 ME-MS42 S-IR08	CRU-31 PUL-32 ME-4ACD81 ME-MS81 TOT-ICP06	CRU-QC PUL-QC ME-ICP06 OA-GRA05	LOG-21 SPL-21 ME-ICP81 PGM-MS24
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CERTIFICATE TB14096629

Project: EB80002215
 P.O. No.: 3101202290
 This report is for 106 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 27-JUN-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

ALS CODE	DESCRIPTION	INSTRUMENT
WEI-21	Received Sample Weight	ICP-AES
CRU-QC	Crushing QC Test	LECO
PUL-QC	Pulverizing QC Test	LECO
LOG-23	Pulp Login - Revd with Barcode	ICP-MS
LOG-21	Sample logging - ClientBarcode	ICP-MS
CRU-31	Fine crushing - 70% <2mm	ICP-MS
SPL-21	Split sample - riffle splitter	ICP-MS
PUL-32	Pulverize 1000g to 85% < 75 um	ICP-AES
BAG-04	Store in air evacuated bags	VARIABLE
LOG-21d	Sample logging - ClientBarcode Dup	ICP-AES
SPL-21d	Split sample - duplicate	ICP-MS
PUL-32d	Pulverize Split - Dup 85% <75um	ICP-AES

ANALYTICAL PROCEDURES

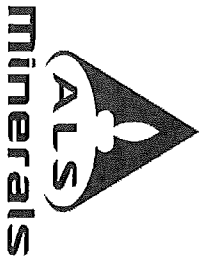
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dtg.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: JENNY GOLDNER
 224 NORTH 2200 WEST
 SALT LAKE CITY UT 84116
 USA

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

 Colfin Ramshaw, Vancouver Laboratory Manager



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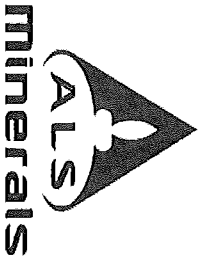
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 Account: KAV

Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40096800		0.30		86.8	47.7	12.75	18.90	7.75	2.87	4.00	0.95	<0.01	2.98	0.22	0.17	0.04
40096801		5.00	73.4		46.4	17.15	10.75	9.71	2.26	9.41	0.37	0.08	1.38	0.14	0.18	0.03
40096802		5.39			45.6	16.95	10.45	10.65	1.94	9.83	0.25	0.16	1.20	0.13	0.15	0.03
40096803		5.48			46.5	17.95	10.90	9.88	2.05	9.95	0.33	0.30	1.15	0.13	0.15	0.04
40096804		5.67			44.7	18.65	10.65	9.79	1.91	10.45	0.31	0.60	0.93	0.13	0.10	0.04
40096805		5.42			44.8	18.35	10.90	9.65	2.08	9.35	0.37	0.71	1.19	0.13	0.13	0.03
40096806		5.41			43.4	18.45	10.45	9.71	1.82	9.75	0.46	0.34	0.91	0.12	0.12	0.03
40096807		5.57			44.1	17.20	12.90	9.08	2.01	10.10	0.38	1.32	1.30	0.15	0.12	0.03
40096808		5.67			46.3	17.25	11.55	9.78	2.27	8.88	0.39	0.28	1.31	0.14	0.16	0.03
40096809		3.69			46.1	18.15	11.30	9.69	2.15	9.29	0.33	0.48	1.13	0.14	0.14	0.03
40096810		0.11			38.7	5.65	15.85	3.78	0.68	24.0	0.28	0.28	0.43	0.15	0.04	0.02
40096811		3.75			39.5	18.85	14.15	8.57	1.89	9.23	0.33	3.49	1.44	0.15	0.13	0.03
40096812		5.23			42.8	17.80	12.30	9.40	1.71	9.95	0.37	0.64	0.94	0.14	0.10	0.03
40096813		5.75			44.1	17.30	12.25	9.47	1.87	9.89	0.40	0.39	1.08	0.15	0.12	0.03
40096814		5.38			44.0	16.75	12.10	8.91	1.95	10.65	0.45	0.59	1.21	0.14	0.14	0.03
40096815		5.36			42.2	18.25	12.95	8.91	1.84	10.10	0.42	1.55	1.08	0.13	0.12	0.03
40096816		5.40			45.8	18.50	10.30	10.05	2.12	8.79	0.60	0.35	1.05	0.14	0.14	0.03
40096817		5.35			44.4	18.55	11.55	9.61	1.98	9.26	0.44	0.93	1.15	0.14	0.13	0.03
40096818		5.25			45.6	17.35	11.40	9.42	2.20	9.02	0.46	0.25	1.31	0.14	0.15	0.03
40096819		2.83			44.2	19.35	11.55	10.30	1.84	10.05	0.33	0.54	0.93	0.13	0.10	0.03
40096819 CRD		<0.02			44.7	19.45	11.70	10.40	1.88	10.00	0.34	0.59	0.93	0.13	0.10	0.03
40096820		2.40			44.5	18.55	11.20	9.91	1.84	10.05	0.31	0.69	0.99	0.13	0.10	0.03
40096821		5.22			46.3	19.10	9.66	10.50	1.99	9.41	0.43	0.14	0.91	0.12	0.13	0.04
40096822		5.69			43.5	17.50	12.55	9.44	1.93	9.91	0.36	1.07	1.19	0.14	0.10	0.03
40096823		5.20			44.4	18.55	12.60	9.59	2.07	8.67	0.43	0.35	1.12	0.13	0.13	0.04
40096824		5.68			45.2	18.60	12.15	9.96	2.19	7.90	0.50	0.25	1.20	0.13	0.14	0.04
40096825		5.73			43.3	17.60	13.90	9.23	1.97	7.38	0.92	0.23	1.12	0.13	0.12	0.04
40096826		5.08			43.7	17.45	12.35	8.08	1.91	8.21	0.34	0.28	1.08	0.16	0.13	0.04
40096827		5.41			45.3	19.25	11.45	9.91	2.09	7.46	0.74	0.23	1.07	0.12	0.12	0.04
40096828		5.66			44.8	19.00	13.40	10.10	2.28	6.30	0.64	0.44	1.38	0.13	0.15	0.04
40096829		5.25			43.1	19.40	13.35	10.30	2.04	6.26	0.61	0.71	1.11	0.12	0.11	0.04
40096830		0.24			54.8	12.75	14.95	6.45	3.45	3.70	1.45	<0.01	2.05	0.18	0.28	0.04
40096831		5.82			46.4	17.20	12.65	9.79	2.38	7.25	0.71	0.34	1.68	0.15	0.19	0.05
40096832		5.38			45.6	18.95	11.45	10.65	2.13	6.96	0.61	0.34	1.29	0.13	0.13	0.04
40096833		5.50			45.3	17.55	12.15	9.82	2.21	8.33	0.50	0.13	1.09	0.14	0.13	0.04
40096834		5.06			44.8	19.05	13.40	10.25	2.22	6.94	0.48	0.43	1.21	0.14	0.12	0.04
40096835		5.57			45.5	19.60	11.70	10.50	2.23	6.87	0.54	0.36	1.26	0.13	0.14	0.04
40096836		3.37			45.8	20.4	10.45	10.80	2.18	6.92	0.61	0.24	1.03	0.13	0.13	0.04
40096837		5.22			44.3	19.85	12.10	10.30	2.23	5.90	0.70	0.44	1.32	0.12	0.14	0.04
40096838		5.40			45.8	19.15	11.90	9.63	2.23	6.56	1.00	0.14	1.30	0.13	0.16	0.05



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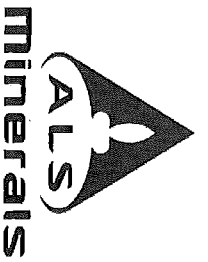
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 Finalized Date: 9-JUL-2014
 Account: KAV

Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40096800		0.04	0.25	0.23	354	43.7	10	1.09	4.70	2.56	1.79	23.7	4.87	3.6	0.86	22.1
40096801		0.01	0.04	0.06	126.0	29.2	580	2.11	4.11	2.23	1.24	18.8	3.97	3.0	0.79	13.1
40096802		0.01	0.04	0.22	131.5	25.4	1150	2.48	3.62	2.04	1.10	18.8	3.57	2.6	0.71	11.3
40096803		0.01	0.02	0.05	126.5	24.7	2130	2.54	3.11	1.91	1.12	18.8	3.41	2.2	0.67	11.3
40096804		0.01	0.02	0.06	103.0	16.8	4170	2.45	2.21	1.35	0.91	18.2	2.34	1.6	0.45	7.8
40096805		0.01	0.03	0.09	124.5	22.8	5040	3.04	3.23	1.80	1.14	20.1	3.17	2.2	0.63	10.1
40096806		0.01	0.02	0.07	137.5	19.2	2570	3.56	2.65	1.50	0.92	18.5	2.65	1.8	0.56	8.7
40096807		0.01	0.02	0.15	134.5	22.3	9600	2.45	3.00	1.71	1.13	21.9	3.14	2.2	0.59	10.1
40096808		0.02	0.03	0.14	140.5	25.7	1990	2.63	3.57	2.07	1.27	19.5	3.58	2.7	0.76	10.5
40096809		0.02	0.03	0.13	137.0	23.0	3400	3.18	3.24	1.73	1.15	19.3	3.12	2.3	0.64	10.5
40096810		0.01	0.15	2.48	96.4	10.0	1960	0.81	1.17	0.74	0.38	7.3	1.30	0.9	0.26	4.7
40096811		0.01	0.02	0.12	110.0	22.3	>10000	2.64	3.06	1.96	1.04	30.4	2.96	2.3	0.61	10.3
40096812		0.01	0.03	0.03	116.0	17.4	4620	3.81	2.27	1.31	0.93	18.7	2.27	1.7	0.47	7.8
40096813		0.02	0.03	0.74	137.0	20.5	2760	2.28	2.83	1.74	1.00	18.1	2.96	2.0	0.58	9.3
40096814		0.02	0.03	0.31	140.5	23.8	4210	2.44	3.33	2.03	1.09	18.5	3.28	2.4	0.64	10.7
40096815		0.01	0.04	0.71	127.5	18.2	>10000	2.82	2.51	1.52	0.95	22.0	2.63	2.0	0.51	8.4
40096816		0.02	0.03	0.13	188.5	25.1	2630	3.52	3.58	2.06	1.16	20.9	3.52	2.4	0.75	11.6
40096817		0.02	0.04	0.20	153.5	24.7	6840	3.20	3.16	1.70	1.16	19.1	3.42	2.5	0.64	11.2
40096818		0.02	0.03	0.11	151.5	26.2	1780	2.40	3.66	2.05	1.21	19.1	3.92	2.1	0.73	11.8
40096819		0.01	0.02	0.14	119.5	18.7	4180	2.45	2.64	1.49	0.95	20.2	2.57	1.8	0.53	8.6
40096819 CRD		0.01	0.02	0.15	114.5	17.0	4060	2.23	2.45	1.36	0.87	19.3	2.40	1.8	0.52	7.8
40096820		0.01	0.02	0.16	111.5	17.2	4820	2.18	2.30	1.29	0.89	19.6	2.37	1.7	0.47	7.7
40096821		0.01	0.02	0.12	121.0	19.7	1010	2.22	2.85	1.54	1.02	18.0	2.78	2.1	0.58	9.0
40096822		0.01	0.02	0.35	107.0	18.1	7570	2.30	2.58	1.65	0.98	20.8	2.63	2.1	0.55	8.3
40096823		0.02	0.02	0.90	138.0	21.6	2360	2.62	3.09	1.75	1.10	18.6	3.31	2.2	0.62	9.9
40096824		0.02	0.02	0.88	161.0	23.5	1820	2.51	3.18	1.84	1.19	19.2	3.50	2.5	0.65	10.6
40096825		0.04	0.02	1.90	340	21.2	1670	3.08	2.95	1.84	1.16	18.4	2.90	2.1	0.59	9.6
40096826		0.10	0.07	0.80	908	23.0	1980	3.91	2.87	1.60	1.01	17.8	3.07	2.2	0.59	10.6
40096827		0.02	0.02	0.73	212	21.7	1630	3.27	2.82	1.67	1.13	18.9	2.92	2.0	0.56	10.0
40096828		0.02	0.02	1.36	170.5	24.4	3050	2.50	3.37	1.74	1.25	20.9	3.28	2.5	0.67	11.1
40096829		0.02	0.02	1.79	157.5	19.9	4970	2.62	2.62	1.59	1.05	20.3	2.86	2.0	0.53	9.2
40096830		0.06	0.19	0.11	523	71.8	40	1.12	6.77	3.65	2.25	24.1	7.18	5.4	1.28	35.9
40096831		0.02	0.02	0.31	188.5	30.5	2470	2.04	4.32	2.56	1.43	21.6	4.46	3.0	0.85	13.8
40096832		0.02	0.06	0.71	216	24.9	2400	2.62	3.35	1.92	1.15	19.9	3.29	2.2	0.66	11.5
40096833		0.02	0.02	0.77	137.5	21.5	930	1.93	3.05	1.87	1.20	18.0	3.10	2.3	0.66	9.6
40096834		0.02	0.02	1.15	139.5	22.0	3600	2.40	3.02	1.73	1.17	20.7	3.18	2.4	0.60	10.2
40096835		0.02	0.02	0.57	146.0	22.6	2800	2.20	3.14	1.70	1.20	20.6	3.37	2.3	0.62	10.4
40096836		0.02	0.03	0.53	143.5	22.1	1760	2.95	3.01	1.70	1.16	20.6	3.26	2.2	0.63	10.2
40096837		0.02	0.02	1.08	150.0	25.1	2980	2.64	3.32	2.04	1.28	20.6	3.72	2.5	0.70	11.4
40096838		0.03	0.02	0.71	264	28.0	990	3.59	3.81	2.00	1.36	19.8	3.91	2.7	0.74	12.7



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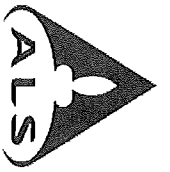
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Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40096800		0.34	13.9	22.1	5.42	26.2	4.95	3	361	0.7	0.74	3.90	<0.5	0.36	0.66	664
40096801		0.31	8.6	16.2	3.97	10.0	3.87	1	277	0.5	0.69	1.37	<0.5	0.33	0.29	158
40096802		0.30	7.4	14.4	3.30	6.9	3.29	1	247	0.4	0.57	1.21	<0.5	0.29	0.29	141
40096803		0.27	7.1	13.3	3.20	9.4	3.32	1	285	0.4	0.53	1.09	<0.5	0.27	0.25	138
40096804		0.19	4.8	9.4	2.24	7.9	2.32	1	262	0.3	0.38	0.72	<0.5	0.18	0.19	97
40096805		0.24	6.8	12.6	3.04	9.6	2.88	2	257	0.4	0.56	1.05	<0.5	0.26	0.23	107
40096806		0.22	5.5	10.8	2.55	15.8	2.67	1	258	0.3	0.44	0.87	<0.5	0.22	0.21	108
40096807		0.23	6.1	12.5	2.91	11.9	2.83	1	248	0.4	0.49	1.01	<0.5	0.25	0.29	180
40096808		0.27	7.8	14.7	3.36	10.3	3.57	1	262	0.5	0.61	1.23	<0.5	0.30	0.30	167
40096809		0.26	6.5	12.4	2.97	9.4	3.07	1	259	0.4	0.53	1.01	<0.5	0.25	0.26	110
40096810		0.11	2.2	5.4	1.29	7.3	1.30	2	108.5	0.1	0.21	0.89	<0.5	0.10	0.20	97
40096811		0.23	6.3	12.0	2.85	9.0	2.93	1	219	0.4	0.51	1.00	<0.5	0.26	0.23	81
40096812		0.19	5.0	9.6	2.27	11.6	2.32	1	234	0.3	0.38	0.69	<0.5	0.20	0.17	77
40096813		0.25	5.8	11.4	2.69	12.9	2.70	1	250	0.3	0.45	0.90	<0.5	0.24	0.23	129
40096814		0.28	7.0	13.3	3.01	14.8	3.25	1	261	0.4	0.55	1.06	<0.5	0.28	0.26	106
40096815		0.20	5.2	10.1	2.40	14.3	2.62	1	250	0.3	0.42	0.80	<0.5	0.20	0.18	80
40096816		0.28	7.4	13.8	3.38	20.8	3.45	1	292	0.4	0.57	1.06	<0.5	0.29	0.23	107
40096817		0.27	7.0	13.8	3.19	14.8	3.21	1	283	0.4	0.52	1.31	<0.5	0.27	0.17	97
40096818		0.31	8.2	14.8	3.47	13.0	3.36	1	271	0.5	0.59	1.18	<0.5	0.29	0.25	132
40096819		0.21	5.4	10.2	2.43	9.8	2.44	1	284	0.3	0.41	0.81	<0.5	0.22	0.19	93
40096819 CRD		0.21	5.1	9.3	2.26	8.8	2.38	1	256	0.3	0.39	0.80	<0.5	0.19	0.18	77
40096820		0.20	5.1	9.7	2.27	8.8	2.32	1	258	0.3	0.37	0.75	<0.5	0.19	0.19	90
40096821		0.21	5.5	11.4	2.66	13.3	2.95	1	295	0.3	0.45	0.97	<0.5	0.23	0.20	103
40096822		0.24	5.3	10.4	2.39	10.8	2.50	1	256	0.3	0.42	0.84	<0.5	0.22	0.20	143
40096823		0.24	6.5	12.4	2.91	12.6	3.14	1	267	0.4	0.50	0.99	<0.5	0.24	0.23	116
40096824		0.25	7.2	13.1	3.08	14.5	3.05	1	314	0.4	0.52	1.05	<0.5	0.26	0.26	148
40096825		0.24	6.2	12.3	2.86	34.5	2.77	2	358	0.4	0.46	0.91	<0.5	0.23	0.22	171
40096826		0.25	6.2	12.5	2.98	50.5	2.87	1	350	0.4	0.46	1.24	<0.5	0.23	0.41	139
40096827		0.24	5.8	11.6	2.88	26.3	2.91	1	340	0.4	0.46	0.95	<0.5	0.24	0.25	128
40096828		0.29	7.0	13.2	3.25	20.1	3.29	1	330	0.4	0.54	1.04	<0.5	0.26	0.23	179
40096829		0.22	5.3	11.1	2.59	20.2	2.54	1	338	0.3	0.43	0.78	<0.5	0.22	0.19	161
40096830		0.48	12.3	35.5	8.76	36.4	7.86	2	363	0.8	1.10	7.29	<0.5	0.52	1.36	440
40096831		0.34	9.4	17.7	4.15	22.2	4.35	1	371	0.6	0.68	1.33	<0.5	0.35	0.32	192
40096832		0.27	6.7	13.6	3.22	20.9	3.24	1	317	0.4	0.55	1.00	<0.5	0.26	0.25	163
40096833		0.24	6.1	12.2	2.88	15.7	3.21	1	317	0.4	0.48	0.94	<0.5	0.23	0.18	140
40096834		0.24	6.0	13.1	2.96	13.8	2.74	1	325	0.4	0.55	1.00	<0.5	0.26	0.26	163
40096835		0.25	7.1	12.7	3.10	16.1	3.04	1	342	0.4	0.55	0.98	<0.5	0.24	0.26	155
40096836		0.24	6.4	12.9	2.92	17.9	2.92	2	354	0.4	0.51	0.92	<0.5	0.25	0.23	126
40096837		0.27	7.6	14.5	3.31	21.0	3.19	1	355	0.5	0.59	1.08	<0.5	0.26	0.28	141
40096838		0.28	8.0	15.8	3.67	35.7	3.63	1	391	0.5	0.63	1.21	<0.5	0.31	0.26	138



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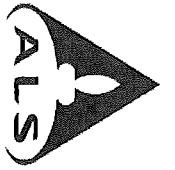
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CERTIFICATE OF ANALYSIS TB14096629

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**** See Appendix Page for comments regarding this certificate ****



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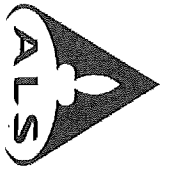
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	CU-OG62 Cu %	NI-OG62 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40096800		59	22	20	<1	11	3	31	168	0.001	<0.0005	0.002				
40096801		54	123	20	<1	375	<2	19	91	0.002	0.0033	0.005				
40096802		56	110	20	<1	403	<2	16	78	0.005	0.0058	0.017				
40096803		60	125	20	<1	409	<2	13	86	0.002	0.0063	0.011				
40096804		62	186	20	<1	526	<2	11	93	0.005	0.0110	0.041				
40096805		60	341	20	<1	496	<2	16	103	0.011	0.0272	0.134				
40096806		62	214	30	<1	470	<2	12	111	0.005	0.0137	0.036				
40096807		70	665	20	<1	688	<2	16	134	0.017	0.0290	0.194				
40096808		60	672	20	<1	626	<2	19	100	0.015	0.0631	0.167				
40096809		61	545	20	<1	538	<2	14	93	0.016	0.0289	0.109				
40096810		201	5170	20	2	7320	17	15	82	0.180	0.411	0.258				
40096811		87	389	20	<1	703	<2	18	203	0.010	0.0400	0.132				
40096812		98	2280	30	<1	1825	5	12	116	0.038	0.0623	0.219				
40096813		87	1120	20	<1	992	<2	17	120	0.020	0.0434	0.146				
40096814		75	580	20	<1	730	<2	18	108	0.008	0.0162	0.074				
40096815		103	1915	30	<1	1635	<2	13	137	0.041	0.0601	0.413				
40096816		66	409	40	<1	468	<2	18	98	0.010	0.0146	0.137				
40096817		60	780	20	<1	763	<2	12	115	0.022	0.0511	0.250				
40096818		60	231	20	<1	449	<2	20	109	0.007	0.0142	0.065				
40096819		69	439	30	<1	619	<2	12	101	0.010	0.0218	0.119				
40096819 CRD		67	449	30	1	597	<2	14	99	0.011	0.0200	0.104				
40096820		64	403	20	<1	569	<2	11	101	0.010	0.0205	0.107				
40096821		59	479	30	<1	642	2	13	84	0.009	0.0159	0.091				
40096822		79	1395	30	<1	1135	<2	19	121	0.034	0.0766	0.415				
40096823		99	1475	30	<1	1290	<2	19	114	0.027	0.0388	0.292				
40096824		86	1090	20	<1	966	2	17	96	0.025	0.0522	0.300				
40096825		131	2000	30	1	1560	4	18	107	0.033	0.0681	0.342				
40096826		99	1065	50	1	979	<2	15	96	0.017	0.0331	0.193				
40096827		80	1060	30	1	916	<2	16	93	0.031	0.0626	0.347				
40096828		107	2140	30	2	1540	3	19	111	0.066	0.161	0.748				
40096829		113	3940	40	2	2340	3	12	103	0.101	0.235	>1.00			0.09	0.23
40096830		40	35	20	<1	19	5	26	123	0.001	0.0007	0.004				
40096831		66	950	20	2	735	<2	24	110	0.035	0.0700	0.680				
40096832		82	3220	40	1	2160	<2	18	90	0.086	0.352	>1.00			0.08	0.35
40096833		91	3000	20	<1	1855	<2	20	96	0.060	0.114	0.626				
40096834		100	3200	20	1	1880	4	17	113	0.070	0.233	0.771				
40096835		74	2160	30	<1	1375	<2	17	103	0.056	0.111	0.715				
40096836		67	2120	40	<1	1405	<2	14	85	0.049	0.0827	0.645				
40096837		89	4120	30	<1	2110	<2	16	102	0.107	0.270	>1.00			0.09	0.17
40096838		77	3280	30	<1	1710	<2	19	92	0.060	0.0808	0.572				



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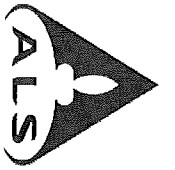
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Sample Description	Method Analyte Units	PGM-ICP27 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
40096800																
40096801																
40096802																
40096803																
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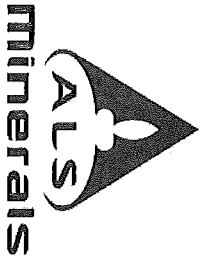
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Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40096800		0.2	0.01	0.01
40096801				
40096802				
40096803				
40096804				
40096805				
40096806				
40096807				
40096808				
40096809				
40096810				
40096811				
40096812				
40096813				
40096814				
40096815				
40096816				
40096817				
40096818				
40096819				
40096819 CRD				
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40096823				
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40096834				
40096835				
40096836				
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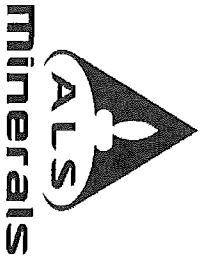
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 Account: KAV

Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40096839		5.39			42.2	19.05	15.40	8.60	1.99	6.98	1.00	0.30	1.34	0.15	0.15	0.04
40096839 CRD		<0.02			42.5	17.40	15.75	8.55	1.99	6.94	1.03	0.29	1.33	0.14	0.14	0.04
40096840		0.11			39.0	5.76	16.10	3.89	0.68	23.4	0.26	0.29	0.44	0.15	0.04	0.01
40096841		5.38			43.9	18.10	14.50	8.90	1.98	7.56	0.95	0.09	1.32	0.14	0.13	0.04
40096842		5.48			44.6	17.95	10.80	10.75	1.82	6.95	0.93	0.07	1.26	0.17	0.15	0.05
40096843		4.81			43.0	17.05	10.60	10.85	1.32	8.33	1.06	0.03	1.08	0.17	0.14	0.05
40096844		4.76			45.3	18.10	11.60	8.66	1.95	8.77	0.99	0.04	1.15	0.15	0.14	0.05
40096845		0.11			32.6	3.92	3.04	3.04	0.51	22.5	0.27	0.27	0.30	0.15	0.04	0.01
40096846		1.66			37.6	15.35	19.05	7.65	1.78	6.91	0.67	0.03	1.16	0.12	0.11	0.04
40096847		3.86	79.8	87.2	43.7	18.65	14.20	8.71	2.01	8.04	0.73	0.04	0.82	0.12	0.10	0.04
40096848		5.85			44.2	18.50	13.10	8.99	2.30	6.40	0.63	0.03	1.13	0.13	0.14	0.04
40096849		2.69			44.9	18.70	12.70	9.34	1.98	7.42	1.01	0.04	0.96	0.13	0.11	0.05
40096850		2.22			45.1	18.80	12.50	9.13	2.05	7.34	1.01	0.04	1.02	0.13	0.12	0.05
40096851		6.32			40.3	15.40	17.70	6.10	1.83	7.71	1.36	0.03	1.18	0.19	0.12	0.08
40096852		4.37			44.3	16.90	16.40	8.48	2.43	6.01	0.90	0.03	1.62	0.15	0.20	0.05
40096853		5.42			42.1	16.40	17.35	7.79	2.05	6.76	0.97	0.07	1.52	0.15	0.17	0.05
40096854		5.66			43.5	18.70	17.85	8.54	2.37	4.49	1.07	0.03	1.44	0.12	0.18	0.04
40096855		5.81			41.9	17.70	16.30	8.74	2.26	5.85	1.03	0.03	1.29	0.13	0.16	0.04
40096856		5.13			44.4	17.70	15.05	8.63	2.37	6.17	0.93	0.03	1.59	0.15	0.17	0.04
40096857		5.64			42.4	17.85	16.60	8.54	2.08	6.39	0.91	0.03	1.17	0.13	0.14	0.04
40096858		5.57			46.1	19.40	12.00	9.53	2.18	8.15	0.73	0.03	1.08	0.13	0.13	0.04
40096859		5.65			43.8	18.25	13.45	9.04	2.27	6.71	0.67	0.03	1.18	0.12	0.14	0.04
40096859 CRD		<0.02			45.2	18.95	13.45	9.34	2.35	6.84	0.71	0.03	1.20	0.13	0.14	0.04
40096860		0.26			50.2	14.20	16.75	7.15	3.28	3.30	1.30	<0.01	2.68	0.20	0.19	0.05
40096861		5.24			46.6	18.45	12.50	9.00	2.50	7.67	0.67	0.02	1.33	0.14	0.15	0.04
40096862		5.57			46.4	18.55	12.75	9.43	2.58	6.44	0.63	0.02	1.26	0.13	0.14	0.04
40096863		5.48			47.0	19.65	11.55	10.10	2.47	6.70	0.60	0.03	1.26	0.13	0.14	0.04
40096864		5.69			47.4	19.35	11.70	10.20	2.50	6.75	0.60	0.03	1.42	0.14	0.16	0.04
40096865		5.26			45.7	18.60	14.80	8.93	2.44	6.82	0.67	0.03	1.26	0.13	0.15	0.04
40096866		5.22			46.0	18.00	12.25	9.77	2.55	6.31	0.63	0.03	1.54	0.14	0.18	0.04
40096867		5.38			45.9	19.05	11.45	10.00	2.48	6.64	0.58	0.03	1.30	0.13	0.15	0.04
40096868		5.28			46.5	18.85	11.05	9.82	2.57	6.76	0.65	0.03	1.27	0.13	0.18	0.04
40096869		5.68			45.4	17.85	12.00	9.75	2.42	6.61	0.73	0.04	1.41	0.14	0.16	0.04
40096870		0.11			37.3	5.53	15.80	3.75	0.67	22.8	0.22	0.27	0.43	0.15	0.05	0.01
40096871		5.21			46.7	18.05	11.85	9.48	2.65	7.03	0.61	0.03	1.46	0.14	0.19	0.04
40096872		5.15			46.2	20.7	12.60	9.50	2.56	7.07	0.72	0.03	1.54	0.15	0.19	0.04
40096873		0.69			27.4	11.45	39.9	5.79	1.38	4.38	0.32	0.01	0.68	0.09	0.08	0.02
40096874		4.63			46.4	19.65	11.00	9.36	2.45	5.95	1.05	0.03	1.34	0.13	0.17	0.04
40096875		5.33			46.4	17.35	13.60	9.46	2.64	6.57	0.81	0.03	1.78	0.16	0.22	0.04
40096876		5.45			44.5	18.15	11.80	9.55	2.36	6.92	0.62	0.03	1.30	0.13	0.16	0.04



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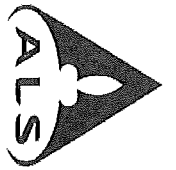
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Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MSB1 Ba ppm	ME-MSB1 Ce ppm	ME-MSB1 Cr ppm	ME-MSB1 Cs ppm	ME-MSB1 Dy ppm	ME-MSB1 Er ppm	ME-MSB1 Eu ppm	ME-MSB1 Ga ppm	ME-MSB1 Gd ppm	ME-MSB1 Hf ppm	ME-MSB1 Ho ppm	ME-MSB1 La ppm
40096839	0.05	0.03	0.03	2.25	399	25.7	22.10	3.63	3.40	2.04	1.29	20.2	3.67	2.7	0.70	11.5
40096839 CRD	0.05	0.03	0.03	2.43	403	24.2	2080	3.72	3.48	2.00	1.22	19.8	3.63	2.7	0.68	11.2
40096840	0.01	0.16	0.16	2.49	96.9	10.2	2100	0.82	1.30	0.72	0.45	7.7	1.50	1.1	0.25	5.0
40096841	0.04	0.03	0.03	1.85	310	21.9	680	3.47	2.99	1.71	1.10	18.9	3.14	2.3	0.64	10.1
40096842	0.05	0.04	0.04	0.67	431	26.9	530	3.66	3.87	2.20	1.27	19.0	3.85	2.7	0.74	12.4
40096843	0.05	0.06	0.06	0.67	468	25.1	240	3.14	3.18	1.65	1.22	17.5	3.48	2.3	0.65	11.9
40096844	0.05	0.05	0.05	0.41	435	22.7	250	3.70	3.09	1.83	1.18	19.4	3.40	2.5	0.63	10.5
40096845	0.01	0.12	0.12	6.42	67.4	7.4	2150	0.41	0.97	0.55	0.31	6.3	0.85	0.6	0.17	3.5
40096846	0.02	0.03	0.03	5.44	175.0	17.0	240	2.60	2.44	1.34	1.00	15.6	2.52	1.8	0.48	7.8
40096847	0.02	0.03	0.03	2.37	210	16.7	260	3.72	2.11	1.26	1.04	17.9	2.34	1.4	0.38	7.6
40096848	0.03	0.04	0.04	1.87	246	23.5	230	3.31	3.03	1.59	1.21	19.5	3.21	2.4	0.60	10.9
40096849	0.04	0.04	0.04	1.18	335	21.2	280	3.95	2.70	1.54	1.15	18.9	2.89	2.0	0.55	9.9
40096850	0.03	0.03	0.03	1.11	289	21.7	290	4.09	2.84	1.66	1.18	18.8	3.04	2.3	0.59	10.2
40096851	0.06	0.04	0.04	2.91	561	19.1	250	3.88	2.61	1.57	1.06	14.4	2.87	2.1	0.54	9.0
40096852	0.03	0.04	0.04	2.14	243	33.8	220	5.85	4.61	2.47	1.47	19.7	4.66	3.2	0.89	15.5
40096853	0.03	0.03	0.03	2.44	226	30.9	490	3.83	3.87	2.15	1.29	18.8	4.37	3.0	0.76	14.3
40096854	0.03	0.02	0.02	3.63	223	28.7	230	4.05	3.58	2.13	1.35	20.2	4.10	2.7	0.77	13.1
40096855	0.03	0.03	0.03	2.51	226	30.8	240	4.88	3.36	2.26	1.38	19.6	4.25	2.8	0.73	14.0
40096856	0.02	0.04	0.04	1.71	197.5	34.7	250	4.83	4.59	2.60	1.57	21.3	4.78	3.4	0.91	15.9
40096857	0.02	0.02	0.02	3.14	189.5	28.0	230	3.58	3.36	1.91	1.26	19.7	3.59	2.6	0.66	13.0
40096858	0.02	0.02	0.02	0.79	140.0	22.3	200	2.52	2.88	1.71	1.14	19.1	3.23	2.3	0.60	10.1
40096859	0.02	0.03	0.03	2.10	137.5	23.8	200	2.76	3.12	1.78	1.17	18.4	3.44	2.6	0.58	10.7
40096859 CRD	0.02	0.03	0.03	1.93	138.5	24.2	210	2.69	2.92	1.75	1.19	19.3	3.31	2.3	0.57	11.4
40096860	0.07	0.18	0.18	0.38	563	51.0	10	4.92	4.92	2.73	1.90	24.6	5.75	3.9	1.03	26.2
40096861	0.02	0.03	0.03	0.54	144.0	25.7	170	2.21	3.35	1.91	1.27	19.1	3.68	2.7	0.69	11.9
40096862	0.02	0.02	0.02	1.26	145.5	26.0	160	2.29	3.30	1.91	1.32	19.3	3.73	2.5	0.66	11.9
40096863	0.02	0.06	0.06	0.51	146.5	25.6	230	1.75	3.28	1.85	1.28	20.0	3.55	2.4	0.65	11.6
40096864	0.02	0.03	0.03	0.49	171.0	28.7	200	1.83	3.64	2.21	1.46	20.8	4.01	2.9	0.74	13.0
40096865	0.02	0.02	0.02	1.69	149.5	28.7	200	2.84	3.09	1.77	1.19	19.3	3.30	2.4	0.62	11.4
40096866	0.02	0.01	0.01	0.47	166.0	31.7	200	2.12	4.14	2.41	1.44	21.5	4.38	3.4	0.86	14.6
40096867	0.02	<0.01	<0.01	0.59	149.5	27.0	200	1.56	3.45	2.02	1.37	20.9	3.55	2.8	0.70	12.3
40096868	0.02	0.01	0.01	0.37	164.0	29.0	200	1.60	3.91	2.20	1.40	21.7	4.01	2.9	0.73	13.0
40096869	0.02	0.01	0.01	0.47	170.0	29.6	260	2.84	3.91	2.11	1.43	20.7	4.10	3.0	0.79	13.6
40096870	0.01	0.14	0.14	2.44	106.5	13.7	2100	0.76	1.52	0.83	0.47	7.9	1.76	1.0	0.33	6.9
40096871	0.02	0.01	0.01	0.22	183.5	33.2	250	1.19	4.39	2.53	1.49	22.8	4.82	3.5	0.88	15.1
40096872	0.02	0.02	0.02	0.41	173.0	30.8	230	1.34	4.22	2.31	1.40	21.4	4.41	3.2	0.83	13.9
40096873	0.01	0.01	0.01	14.35	79.8	15.4	110	1.90	2.11	1.20	0.76	12.2	2.05	1.7	0.41	7.0
40096874	0.02	0.01	0.01	0.44	186.5	29.7	220	2.88	3.82	2.13	1.42	21.6	4.03	3.1	0.79	13.8
40096875	0.02	0.02	0.02	0.74	195.0	36.0	200	1.73	4.72	2.66	1.52	22.1	5.06	3.9	0.96	16.5
40096876	0.02	0.01	0.01	0.69	157.5	28.9	240	1.61	3.71	2.02	1.31	20.7	3.89	2.8	0.72	13.1

***** See Appendix Page for comments regarding this certificate *****



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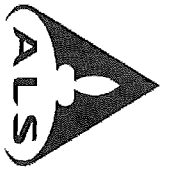
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CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40096839		0.27	7.7	14.9	3.37	37.9	3.32	2	380	0.5	0.57	1.04	1.0	0.28	0.28	152
40096839 CRD		0.28	7.8	14.3	3.28	38.7	3.16	2	385	0.5	0.62	1.11	1.0	0.28	0.26	149
40096840		0.10	2.5	5.6	1.31	6.2	1.20	2	113.5	0.1	0.21	0.86	<0.5	0.10	0.18	87
40096841		0.23	7.3	12.5	2.85	36.6	3.02	2	363	0.4	0.49	0.96	1.2	0.25	0.24	143
40096842		0.30	7.8	15.7	3.50	34.7	3.85	2	392	0.4	0.63	1.17	1.5	0.30	0.23	142
40096843		0.25	7.0	13.6	3.31	33.5	3.10	2	450	0.4	0.54	1.03	1.5	0.28	0.22	123
40096844		0.25	7.1	13.2	2.98	35.8	2.97	1	391	0.4	0.54	1.01	0.7	0.26	0.30	129
40096845		0.17	1.7	3.8	0.92	5.6	0.92	4	75.8	<0.1	0.14	0.58	<0.5	0.08	0.13	78
40096846		0.09	6.3	9.9	2.30	24.6	2.19	3	298	0.4	0.40	0.63	0.8	0.18	0.27	120
40096847		0.18	4.7	9.4	2.23	26.3	2.04	2	343	0.3	0.37	0.67	0.6	0.18	0.17	95
40096848		0.25	6.8	12.8	3.07	20.6	2.89	2	329	0.4	0.51	0.92	0.7	0.23	0.23	121
40096849		0.22	5.6	12.1	2.79	37.6	2.52	2	406	0.3	0.47	0.79	<0.5	0.23	0.19	111
40096850		0.25	6.1	12.4	2.82	40.1	2.65	2	387	0.4	0.49	0.94	<0.5	0.23	0.23	115
40096851		0.21	5.7	11.1	2.51	40.8	2.41	4	671	0.3	0.44	0.82	1.3	0.22	0.22	143
40096852		0.35	10.5	18.8	4.55	29.2	4.34	3	434	0.6	0.73	1.43	0.5	0.34	0.35	156
40096853		0.31	8.3	17.5	4.05	36.5	3.75	2	364	0.5	0.71	1.27	0.7	0.31	0.34	176
40096854		0.31	8.8	16.4	3.88	44.3	3.75	2	355	0.5	0.64	1.29	0.6	0.31	0.32	155
40096855		0.28	13.7	17.1	4.12	44.2	3.60	2	381	0.5	0.61	1.44	0.5	0.31	0.31	152
40096856		0.38	11.1	19.6	4.63	41.5	4.48	2	386	0.6	0.79	1.53	<0.5	0.36	0.36	197
40096857		0.26	8.3	15.7	3.57	44.7	3.42	2	341	0.5	0.57	1.20	0.6	0.25	0.28	142
40096858		0.22	6.9	12.6	2.92	29.8	2.90	1	348	0.4	0.45	0.92	<0.5	0.23	0.24	113
40096859		0.25	7.3	13.3	3.15	27.2	2.87	1	331	0.4	0.53	1.18	<0.5	0.25	0.31	127
40096859 CRD		0.24	7.2	13.7	3.12	28.4	3.03	2	341	0.4	0.54	1.00	<0.5	0.25	0.24	131
40096860		0.25	13.6	25.5	6.29	31.5	5.40	2	429	0.8	0.83	4.48	<0.5	0.37	0.89	523
40096861		0.27	8.0	15.0	3.43	24.0	3.33	1	335	0.5	0.57	1.14	<0.5	0.27	0.28	126
40096862		0.26	7.5	14.2	3.45	21.0	3.42	1	335	0.4	0.63	1.21	<0.5	0.27	0.29	130
40096863		0.26	7.6	14.7	3.33	18.6	3.05	1	347	0.5	0.58	1.24	<0.5	0.25	0.30	132
40096864		0.29	8.7	16.0	3.79	17.8	3.77	1	346	0.5	0.63	1.33	<0.5	0.31	0.31	151
40096865		0.25	6.9	13.8	3.25	22.2	2.94	2	329	0.4	0.50	1.08	<0.5	0.26	0.23	136
40096866		0.31	9.6	17.4	4.10	21.1	3.99	1	336	0.5	0.67	1.48	<0.5	0.31	0.33	181
40096867		0.27	8.0	14.8	3.52	18.8	3.56	1	339	0.4	0.57	1.13	<0.5	0.28	0.26	156
40096868		0.29	8.5	16.3	3.86	22.8	3.59	1	361	0.4	0.64	1.21	<0.5	0.29	0.29	156
40096869		0.29	8.6	16.1	3.83	24.4	3.71	1	365	0.5	0.62	1.21	<0.5	0.28	0.29	167
40096870		0.10	2.4	6.4	1.61	6.2	1.49	2	117.5	0.1	0.23	1.04	<0.5	0.12	0.24	102
40096871		0.34	10.0	18.0	4.32	19.3	4.17	2	344	0.5	0.72	1.65	<0.5	0.33	0.38	177
40096872		0.31	9.6	17.2	4.01	25.1	3.92	1	345	0.5	0.66	1.38	<0.5	0.32	0.31	175
40096873		0.15	5.8	8.3	2.05	10.4	2.01	1	178.5	0.3	0.63	0.60	0.9	0.14	0.33	78
40096874		0.27	9.0	15.9	3.86	43.0	3.87	1	387	0.4	0.64	1.31	<0.5	0.29	0.34	148
40096875		0.37	11.3	20.6	4.84	25.1	4.69	2	339	0.6	0.81	1.50	<0.5	0.38	0.40	194
40096876		0.26	8.6	16.2	3.77	19.7	3.90	1	358	0.4	0.63	1.23	<0.5	0.29	0.26	151

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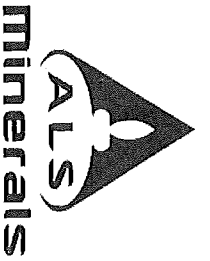
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VANCOUVER BC V6C 1S4

Project: EB80002215

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Table with columns: Sample Description, Method Analyte Units LOR, ME-MS81 W ppm, ME-MS81 Y ppm, ME-MS81 Yb ppm, ME-MS81 Zr ppm, ME-MS42 As ppm, ME-MS42 Bi ppm, ME-MS42 Hg ppm, ME-MS42 Sb ppm, ME-MS42 Se ppm, ME-MS42 Te ppm, OA-GRA05 LOI %, TOT-ICP06 Total %, ME-4ACD81 Ag ppm, ME-4ACD81 AS ppm, ME-4ACD81 Cd ppm. Rows include sample IDs like 40096839, 40096840, 40096841, 40096842, 40096843, 40096844, 40096845, 40096846, 40096847, 40096848, 40096849, 40096850, 40096851, 40096852, 40096853, 40096854, 40096855, 40096856, 40096857, 40096858, 40096859, 40096860, 40096861, 40096862, 40096863, 40096864, 40096865, 40096866, 40096867, 40096868, 40096869, 40096870, 40096871, 40096872, 40096873, 40096874, 40096875, 40096876.



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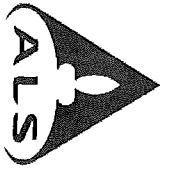
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40096839		139	>10000	30	<1	3670	<2	19	131	0.253	0.986	>1.00	0.983		0.23	0.75
40096839 CRD		145	>10000	30	<1	3850	2	18	137	0.266	>1.00	>1.00	1.105		0.25	0.93
40096840		207	5370	20	2	7550	17	15	84	0.226	0.393	0.255				
40096841		127	5700	30	<1	3390	3	16	97	0.137	0.120	>1.00			0.13	0.09
40096842		75	3640	70	<1	1900	2	17	84	0.072	0.115	0.779				
40096843		70	3850	120	<1	2070	2	14	73	0.084	0.152	0.887				
40096844		71	2190	70	<1	1220	2	14	88	0.046	0.0668	0.423	1.100			
40096845		404	>10000	<10	4	>10000	23	11	95	0.299	0.638	0.381	1.690			
40096846		268	>10000	30	<1	>10000	8	16	114	0.517	0.708	>1.00	2.32		0.60	0.55
40096847		159	>10000	20	<1	5280	6	12	89	0.195	>1.00	>1.00	0.984		0.19	1.39
40096848		131	6960	30	<1	3360	14	15	87	0.145	0.253	>1.00			0.12	0.20
40096849		108	4780	60	<1	2580	11	12	80	0.097	0.170	0.964				
40096850		102	4730	60	<1	2390	8	14	84	0.095	0.142	0.982				
40096851		261	6180	150	5	3860	91	15	120	0.180	0.216	0.749			0.11	0.14
40096852		172	4900	50	5	2720	34	20	120	0.113	0.179	0.883			0.20	0.44
40096853		200	4290	50	4	2680	31	20	127	0.088	0.177	0.661			0.13	0.27
40096854		241	6000	30	9	3540	14	17	117	0.224	0.224	>1.00				
40096855		191	5410	40	5	2980	25	16	105	0.111	0.227	0.931				
40096856		140	5190	50	3	2700	16	24	113	0.115	0.200	>1.00			0.11	0.14
40096857		220	>10000	20	4	5440	12	16	109	0.229	0.580	>1.00	0.946		0.20	0.44
40096858		98	3540	20	<1	1880	4	14	92	0.078	0.0825	0.646			0.17	0.20
40096859		138	10000	20	<1	5070	5	16	91	0.176	0.176	>1.00	0.931		0.18	0.37
40096859 CRD		126	8880	20	<1	4490	2	16	87	0.176	0.707	>1.00				
40096860		56	132	10	<1	37	6	29	147	0.003	0.0107	0.021				
40096861		82	3250	20	<1	1595	<2	16	99	0.079	0.0875	0.659				
40096862		94	7520	20	<1	3400	6	18	90	0.178	0.278	>1.00			0.15	0.25
40096863		64	2630	20	<1	1430	2	13	88	0.061	0.107	0.694				
40096864		67	2470	10	<1	1160	2	16	99	0.054	0.0326	0.449				
40096865		158	4960	10	<1	3180	19	17	115	0.104	0.114	0.850				
40096866		68	2230	20	<1	986	<2	17	98	0.039	0.0825	0.390				
40096867		71	2180	20	<1	1055	4	16	91	0.037	0.0875	0.395				
40096868		62	1880	20	<1	879	2	17	88	0.030	0.0331	0.338				
40096869		65	2340	30	<1	1075	5	17	90	0.048	0.0604	0.431				
40096870		194	4890	10	2	7020	17	14	81	0.191	0.439	0.262				
40096871		58	961	20	<1	576	<2	16	94	0.019	0.0365	0.171				
40096872		66	1950	20	<1	715	3	14	98	0.048	0.0861	0.350				
40096873		940	6960	10	<1	8880	6	8	102	0.060	0.0516	0.214				
40096874		70	1995	20	<1	938	<2	16	94	0.036	0.0710	0.363				
40096875		78	3510	20	<1	1485	5	20	112	0.067	0.0992	0.593				
40096876		76	3860	20	<1	1590	<2	14	92	0.057	0.1465	0.553				



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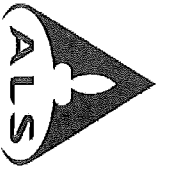
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CERTIFICATE OF ANALYSIS TB14096629

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %	ME-ICP81 S %
40096839 CRD		1.77														
40096840		2.04														
40096841		1.35														
40096842																
40096843																
40096844			3.84	0.01	2.85	0.041	0.19	1.130	16.75	23.9	0.1	21.8	0.15	1.705	<0.01	6.46
40096845			16.00	<0.01	8.00	0.029	0.02	2.33	13.75	19.65	0.5	7.22	0.13	1.225	<0.01	5.35
40096846		5.83														
40096847		2.16														
40096848		1.40														
40096849																
40096850																
40096851																
40096852																
40096853		1.01														
40096854																
40096855		1.09														
40096856		1.89														
40096858																
40096859 CRD		1.99														
40096860		1.83														
40096861																
40096862		1.57														
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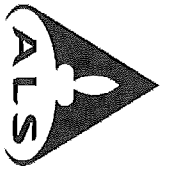
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CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40096839	40096839 CRD			
40096840	40096840			
40096841	40096841			
40096842	40096842			
40096843	40096843			
40096844	40096844	31.7	0.29	0.01
40096845	40096845	37.9	1.24	0.01
40096846	40096846			
40096847	40096847			
40096848	40096848			
40096849	40096849			
40096850	40096850			
40096851	40096851			
40096852	40096852			
40096853	40096853			
40096854	40096854			
40096855	40096855			
40096856	40096856			
40096857	40096857			
40096858	40096858			
40096859	40096859			
40096859	40096859 CRD			
40096860	40096860			
40096861	40096861			
40096862	40096862			
40096863	40096863			
40096864	40096864			
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40096869	40096869			
40096870	40096870			
40096871	40096871			
40096872	40096872			
40096873	40096873			
40096874	40096874			
40096875	40096875			
40096876	40096876			



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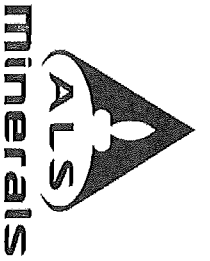
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	GRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40096877		5.58	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40096878		5.52			45.8	18.65	12.00	9.50	2.44	7.03	0.74	0.03	1.36	0.14	0.17	0.04
40096879		2.78			45.4	16.65	11.90	10.75	1.95	6.94	1.15	0.03	1.65	0.15	0.19	0.04
40096879 CRD		<0.02			45.2	17.45	12.55	8.64	2.22	6.43	1.76	0.03	1.69	0.15	0.20	0.05
40096880		2.74			46.0	17.80	12.60	8.68	2.28	6.30	1.82	0.03	1.70	0.15	0.21	0.05
40096881		3.59			45.5	17.55	11.80	8.11	2.06	6.12	2.28	0.02	1.61	0.15	0.20	0.05
40096882		5.88			43.1	16.75	13.40	6.58	1.64	6.54	2.69	0.05	1.22	0.15	0.16	0.07
40096883		5.28			44.5	17.60	13.30	8.05	2.39	6.44	1.07	0.03	1.46	0.15	0.18	0.04
40096884		4.77			46.8	15.60	13.60	6.28	2.76	6.03	1.77	0.02	1.45	0.15	0.20	0.04
40096885		4.68			44.9	17.60	12.80	7.37	2.27	7.22	1.60	0.03	1.31	0.14	0.16	0.05
40096886		1.53			47.1	17.90	12.05	8.74	2.42	7.56	1.27	0.03	1.54	0.15	0.19	0.05
40096887		3.02			35.3	11.75	24.8	5.39	1.81	4.23	1.22	0.02	1.38	0.13	0.18	0.03
40096888		0.11			46.9	17.75	13.55	8.28	2.51	6.97	1.65	0.03	1.80	0.16	0.22	0.05
40096889		4.16			21.7	1.29	38.4	1.39	0.16	19.15	0.09	0.27	0.15	0.12	0.02	<0.01
40096890		0.26			6.88	1.85	67.0	0.47	0.22	0.55	0.30	<0.01	0.09	0.03	0.01	<0.01
40096891		1.07			50.7	13.30	15.25	7.42	3.13	3.87	1.28	<0.01	2.22	0.20	0.22	0.04
40096892		3.66			37.6	15.00	22.8	6.09	1.81	5.58	1.40	0.03	1.18	0.13	0.14	0.03
40096893		4.87			46.3	17.15	14.65	7.95	2.42	6.46	1.73	0.03	1.73	0.16	0.22	0.05
40096894		5.55			47.3	17.75	12.65	7.84	2.40	6.64	1.92	0.03	1.68	0.16	0.21	0.07
40096895		5.83	81.0	87.1	45.8	17.80	14.00	8.11	2.30	7.45	1.42	0.03	1.46	0.15	0.18	0.06
40096896		4.88			47.2	18.05	12.15	7.16	2.44	7.03	1.66	0.03	1.06	0.14	0.13	0.06
40096897		5.67			46.0	16.40	13.65	8.50	2.40	6.77	1.21	0.03	1.75	0.18	0.20	0.04
40096898		4.53			47.4	16.55	14.50	8.42	2.49	6.70	0.93	0.03	2.12	0.18	0.26	0.03
40096899		4.69			60.6	16.40	9.15	0.81	1.67	2.91	4.07	0.03	0.75	0.04	0.11	0.02
40096899 CRD		<0.02			63.0	16.30	7.82	1.94	2.77	3.95	3.95	0.03	0.74	0.05	0.11	0.02
40096900		0.11			62.3	16.40	8.03	0.75	1.94	2.78	3.97	0.03	0.74	0.05	0.11	0.02
					35.8	3.12	13.90	2.08	0.25	31.8	0.13	0.61	0.27	0.17	0.03	<0.01



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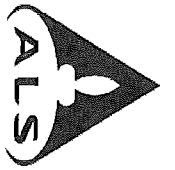
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Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40096877		0.02	0.01	0.66	169.5	28.5	230	1.61	3.77	2.16	1.34	21.2	4.05	2.9	0.76	12.8
40096878		0.03	0.05	0.28	280	33.5	220	1.91	4.69	2.72	1.45	21.5	4.98	3.8	0.94	15.2
40096879		0.06	0.13	0.53	520	33.3	210	2.57	4.58	2.62	1.48	21.7	4.79	3.6	0.89	14.9
40096879 CRD		0.06	0.11	0.53	510	34.3	210	2.60	4.40	2.49	1.58	21.6	4.46	3.2	0.90	15.4
40096880		0.07	0.07	0.41	695	37.4	190	3.35	4.82	2.66	1.68	21.6	5.33	4.1	0.98	17.0
40096881		0.09	0.04	1.57	818	27.4	360	3.56	3.54	1.90	1.28	18.6	3.70	2.8	0.73	12.4
40096882		0.03	0.02	1.26	287	30.5	230	3.61	4.10	2.18	1.43	21.6	4.35	3.2	0.80	13.8
40096883		0.05	0.12	0.94	438	65.6	170	3.59	6.75	3.50	1.89	23.8	6.92	5.9	1.22	30.3
40096884		0.04	0.03	0.76	387	29.3	250	3.63	3.96	2.05	1.33	20.5	4.10	3.0	0.78	13.5
40096885		0.03	0.01	0.30	257	32.5	230	2.70	4.43	2.31	1.37	21.4	4.64	3.1	0.82	14.7
40096886		0.02	<0.01	7.55	231	44.0	170	4.33	4.87	2.80	1.38	18.0	4.81	4.0	0.96	20.4
40096887		0.04	0.01	0.30	308	38.8	200	2.96	5.01	2.81	1.71	22.0	5.03	3.9	1.01	17.5
40096888		<0.01	0.08	14.90	20.9	3.9	1990	0.03	0.48	0.23	0.11	2.9	0.52	0.3	0.08	1.8
40096889		<0.01	0.02	26.9	28.5	16.2	20	0.80	1.36	0.74	0.17	4.6	1.38	1.4	0.26	7.9
40096890		0.06	0.18	0.24	551	55.9	10	1.23	5.62	3.07	2.19	25.4	6.32	4.2	1.13	27.7
40096891		0.04	<0.01	4.97	349	27.9	200	4.65	3.46	1.87	1.13	17.9	3.43	2.6	0.69	13.4
40096892		0.03	0.01	0.88	315	40.0	210	3.05	5.36	2.89	1.71	22.8	5.51	4.3	1.05	18.1
40096893		0.07	<0.01	0.46	613	39.5	230	2.98	5.13	2.95	1.69	23.9	5.44	4.1	1.06	17.8
40096894		0.04	0.01	1.23	384	30.1	210	2.63	3.96	2.18	1.33	20.9	4.19	3.1	0.80	13.8
40096895		0.05	0.01	0.92	419	32.9	220	2.32	3.82	2.08	1.23	20.5	3.87	3.2	0.72	15.2
40096896		0.06	0.02	0.65	497	34.1	220	2.52	5.01	2.57	1.52	21.6	4.74	3.5	0.97	15.3
40096897		0.03	0.02	0.47	325	50.6	220	2.56	6.22	3.55	1.90	25.8	6.81	5.0	1.34	22.8
40096898		0.09	<0.01	0.91	826	61.4	210	3.86	4.73	2.76	1.38	23.8	5.24	4.3	0.94	30.1
40096899		0.08	<0.01	0.77	728	65.4	190	6.07	4.35	2.36	1.38	22.7	4.93	4.5	0.87	32.0
40096899 CRD		0.08	0.01	0.78	721	58.1	190	5.17	4.05	2.26	1.36	19.9	4.55	4.1	0.79	28.2
40096900		0.08	0.24	0.39	676	5.9	4540	0.24	0.66	0.36	0.22	4.5	0.69	0.5	0.14	2.8

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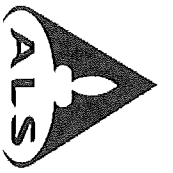
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Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm	S				
40096877	0.29	8.9	15.5	3.79	24.2	3.56	375	0.4	0.59	1.20	<0.5	0.29	0.32	149						
40096878	0.33	10.5	18.9	4.42	39.7	4.61	382	0.6	0.78	1.48	0.5	0.36	0.40	198						
40096879	0.34	10.5	18.7	4.49	67.1	4.41	465	0.6	0.73	1.42	0.6	0.35	0.37	193						
40096879 CRD	0.34	10.3	19.3	4.39	66.5	4.45	464	0.5	0.70	1.52	0.5	0.33	0.35	190						
40096880	0.40	11.2	20.4	4.91	87.2	4.65	471	0.6	0.80	1.83	0.7	0.37	0.51	188						
40096881	0.28	8.0	14.7	3.48	99.0	3.63	633	0.4	0.56	1.28	1.1	0.26	0.52	143						
40096882	0.31	9.2	16.3	3.96	40.7	4.07	378	0.5	0.67	1.37	1.0	0.28	0.36	164						
40096883	0.51	16.0	33.3	8.28	70.2	7.20	349	0.9	1.04	4.83	1.0	0.49	1.72	154						
40096884	0.28	8.8	15.9	3.80	67.7	3.69	449	0.4	0.58	1.35	0.5	0.29	0.35	151						
40096885	0.32	9.8	18.0	4.22	45.9	4.28	445	0.5	0.69	1.43	<0.5	0.32	0.33	177						
40096886	0.38	10.5	22.7	5.68	59.9	5.37	264	0.6	0.79	2.86	1.3	0.40	1.01	161						
40096887	0.40	11.7	21.0	4.95	64.7	4.83	437	0.6	0.80	2.02	<0.5	0.39	0.42	188						
40096888	0.03	0.8	1.8	0.46	2.3	0.39	19.3	<0.1	0.06	0.29	<0.5	0.04	0.05	53						
40096889	0.07	3.7	6.7	1.91	11.6	1.38	17.6	0.1	0.20	1.49	5.3	0.10	0.57	9						
40096890	0.43	16.6	27.5	6.83	33.1	5.87	381	0.8	0.93	4.57	<0.5	0.42	0.89	456						
40096891	0.26	7.8	15.2	3.57	66.5	3.29	289	0.4	0.58	1.30	1.4	0.27	0.39	132						
40096892	0.38	11.9	21.4	5.32	68.4	5.16	489	0.7	0.86	1.85	0.8	0.42	0.44	197						
40096893	0.40	11.5	21.5	5.13	75.5	5.21	617	0.6	0.83	1.68	0.5	0.40	0.46	195						
40096894	0.30	9.1	16.4	3.98	51.3	3.81	481	0.5	0.65	1.24	1.3	0.30	0.29	162						
40096895	0.25	7.5	16.5	4.14	63.1	3.81	485	0.4	0.60	2.17	1.0	0.29	0.64	115						
40096896	0.37	10.3	19.0	4.48	47.1	4.37	356	0.5	0.79	1.44	0.7	0.35	0.37	221						
40096897	0.49	14.5	26.5	6.58	37.1	6.33	297	0.8	1.05	2.42	0.6	0.49	0.79	259						
40096898	0.43	11.2	28.8	7.77	160.5	5.86	155.0	0.7	0.81	8.75	1.1	0.38	7.81	163						
40096899	0.38	10.7	30.2	8.06	176.0	6.03	176.5	0.7	0.75	8.44	1.1	0.37	5.30	148						
40096899 CRD	0.35	9.9	27.9	7.44	171.0	5.45	162.0	0.6	0.67	8.42	1.1	0.35	5.88	153						
40096900	0.07	1.2	3.2	0.78	4.0	0.67	47.0	<0.1	0.11	0.54	<0.5	0.07	0.15	17						



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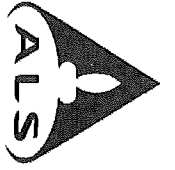
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Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40096877	<1	19.7	1.76	114	0.2	0.17	0.007	<0.05	1.8	0.07	0.89	98.81	1.1	5	<0.5	
40096878	2	23.6	2.41	151	0.1	0.10	0.007	0.10	1.1	0.04	3.11	99.94	<0.5	5	0.5	
40096879	1	23.3	2.34	139	0.7	0.15	<0.005	0.18	1.6	0.06	2.25	98.68	0.9	<5	0.5	
40096879 CRD	<1	23.1	2.18	131	0.7	0.18	<0.005	0.18	1.7	0.07	2.08	99.76	0.7	<5	0.6	
40096880	1	25.3	2.55	167	1.7	0.16	0.007	0.22	1.4	0.06	2.92	98.44	0.6	5	0.5	
40096881	<1	18.5	1.92	119	11.4	0.52	0.020	0.84	3.9	0.19	4.89	97.33	2.6	13	0.7	
40096882	<1	20.9	1.95	127	5.0	0.42	0.016	0.74	3.1	0.13	2.91	98.15	1.9	9	0.7	
40096883	1	32.9	3.37	227	24.0	0.44	0.024	1.18	3.2	0.24	3.24	97.99	0.7	24	0.7	
40096884	<1	19.9	1.89	118	3.4	0.34	0.013	0.40	1.4	0.06	2.20	97.69	0.7	<5	<0.5	
40096885	<1	22.2	2.26	127	0.6	0.11	0.007	0.08	0.9	0.03	0.95	99.98	0.6	6	0.6	
40096886	2	26.7	2.55	155	190.0	29.1	0.024	11.10	14.5	2.64	3.57	89.83	12.9	221	4.1	
40096887	2	25.3	2.51	158	2.3	0.23	0.007	0.18	1.1	0.05	1.18	101.09	0.6	<5	0.8	
40096888	<1	2.4	0.20	12	3.5	0.88	0.010	0.25	37.3	3.32	10.85	93.59	2.5	5	1.5	
40096889	8	7.1	0.60	52	>250	29.4	0.042	27.1	38.9	7.93	9.98	87.38	21.1	591	12.3	
40096890	<1	27.8	2.78	167	1.0	0.05	0.009	0.08	0.6	0.01	1.43	99.12	<0.5	<5	0.6	
40096891	<1	18.0	1.65	103	120.0	4.35	0.045	5.03	10.9	1.10	4.05	96.88	4.5	118	4.5	
40096892	<1	26.8	2.72	167	1.5	0.82	0.018	0.20	1.9	0.09	1.33	100.21	1.6	<5	0.8	
40096893	<1	27.0	2.56	157	2.4	0.24	0.010	0.33	1.2	0.07	1.40	100.12	0.6	5	0.5	
40096894	<1	20.6	1.92	120	2.0	0.38	0.026	0.25	3.0	0.12	1.78	100.58	1.9	5	0.8	
40096895	<1	19.3	1.90	121	1.9	0.35	0.016	0.14	2.0	0.09	1.42	98.58	1.1	6	0.6	
40096896	<1	24.5	2.35	136	2.0	0.20	0.022	0.14	1.3	0.05	1.27	98.46	0.6	6	0.7	
40096897	<1	33.4	3.33	199	4.2	0.08	0.012	0.33	0.9	0.03	1.59	101.23	<0.5	8	0.6	
40096898	2	26.9	2.86	164	36.2	0.31	0.038	0.76	1.8	0.12	3.52	100.17	1.1	35	0.5	
40096899	2	23.1	2.51	161	36.8	0.17	0.042	1.11	0.8	0.04	3.30	100.83	<0.5	38	0.5	
40096899 CRD	2	20.9	2.20	151	35.8	0.13	0.047	1.04	0.8	0.04	3.32	100.52	<0.5	34	<0.5	
40096900	1	3.7	0.38	19	1.3	0.11	0.022	0.57	0.9	0.13	10.70	98.94	1.4	<5	1.0	



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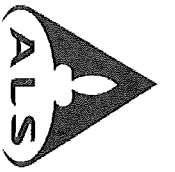
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 Account: KAV

Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm
40096877		77	3250	20	<1	1400	<2	17	94	0.047	0.0924	0.495				
40096878		57	1455	50	<1	777	<2	21	96	0.022	0.0326	0.237				
40096879		69	2580	40	<1	1160	4	19	100	0.041	0.0764	0.398				
40096879 CRD		64	2390	40	<1	1060	2	19	95	0.049	0.0709	0.373				
40096880		64	2070	50	<1	955	<2	18	93	0.029	0.0721	0.325				
40096881		130	6270	70	<1	3240	6	15	93	0.090	0.1835	0.988				
40096882		104	5490	40	<1	2310	3	17	98	0.066	0.1430	0.738				
40096883		96	5250	50	1	1870	13	20	142	0.081	0.1245	0.822				
40096884		83	2300	40	1	989	<2	15	104	0.031	0.0701	0.399				
40096885		65	1480	30	<1	679	8	21	113	0.017	0.0406	0.182				
40096886		360	>10000	20	<1	>10000	71	17	284	0.845	0.752	>1.00	5.28	1.485	0.81	0.82
40096887		57	1510	30	<1	886	13	19	104	0.026	0.0337	0.218				
40096888		835	>10000	<10	4	>10000	11	6	96	0.145	0.314	0.245	1.355	3.28		
40096889		1550	>10000	<10	6	>10000	47	1	207	0.883	>1.00	>1.00	3.89	4.04	0.84	2.52
40096890		50	103	10	<1	89	4	30	140	0.001	0.0015	0.005				
40096891		328	>10000	40	1	9060	27	15	169	0.164	0.690	>1.00	1.385		0.17	0.66
40096892		87	4700	30	<1	1380	15	22	119	0.067	0.0452	0.410				
40096893		65	2980	40	<1	994	2	20	109	0.028	0.0848	0.368				
40096894		103	5270	30	<1	2080	7	16	102	0.062	0.1380	0.680				
40096895		84	3280	40	<1	1275	8	13	94	0.041	0.0868	0.402				
40096896		73	1815	30	<1	767	2	25	114	0.024	0.0360	0.226				
40096897		57	791	30	<1	383	<2	22	118	0.010	0.0172	0.072				
40096898		33	2210	90	6	536	27	19	182	0.019	0.0265	0.158				
40096899		25	1380	100	3	215	22	20	222	0.010	0.0032	0.097				
40096899 CRD		25	1310	90	3	196	19	19	224	0.008	0.0034	0.093				
40096900		143	563	<10	1	1920	60	10	199	0.017	0.0072	0.004				

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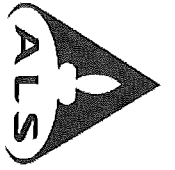
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CERTIFICATE OF ANALYSIS TB14096629

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
40096877																
40096878																
40096879																
40096879 CRD																
40096880																
40096881																
40096882																
40096883																
40096884																
40096885																
40096886		5.44	12.05	0.03	5.26	0.041	0.02	5.60	17.75	25.4	1.0	4.21	0.13	1.550	<0.01	7.76
40096887																
40096888		8.65	1.30	<0.01	1.32	0.088	0.19	1.370	26.9	38.5	<0.1	19.25	0.12	3.31	<0.01	14.70
40096889																
40096890																
40096891		1.65	14.85	0.02	5.88	0.033	0.02	1.385	15.85	22.7	1.1	5.35	0.13	0.889	<0.01	4.98
40096892																
40096893																
40096894																
40096895																
40096896																
40096897																
40096898																
40096899																
40096899 CRD																
40096900																



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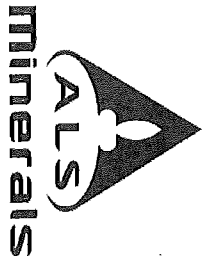
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CERTIFICATE OF ANALYSIS TB14096629

Sample Description	Method Analyte Units LOR	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40096877				
40096878				
40096879				
40096879 CRD				
40096880				
40096881				
40096882				
40096883				
40096884				
40096885				
40096886		35.1	1.45	0.03
40096887				
40096888		21.2	0.15	0.01
40096889		6.6	0.09	0.02
40096890				
40096891		36.8	1.13	0.02
40096892				
40096893				
40096894				
40096895				
40096896				
40096897				
40096898				
40096899				
40096899 CRD				
40096900				

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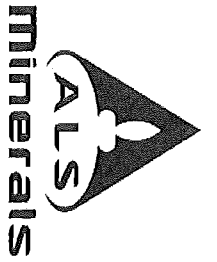
Project: EB80002215

CERTIFICATE OF ANALYSIS TB14096629

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.		
	BAG-04	CRU-31	LOG-21
	LOG-21d	LOG-23	PUL-32d
	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	C-IR07	Cu-OG62	ME-ICP06
	ME-ICP81	ME-MS42	ME-OG62
	Ni-OG62	OA-GRA05	PGM-MS24
	S-IR08	TOT-ICP06	



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 Finalized Date: 23-SEP-2014
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CERTIFICATE TB14136622

Project: EB80002797
 P.O. No.: 3101202290
 This report is for 82 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-SEP-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMMITT
 SUE DRIEBERG
 JENNY GOLDNER
 BRIAN GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER


To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: BRIAN GOLDNER
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

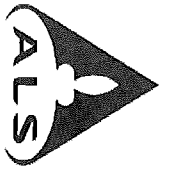
ALS CODE	DESCRIPTION	INSTRUMENT
WEI-21	Received Sample Weight	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21	Sample logging - ClientBarcode	
CRU-31	Fine crushing - 70% < 2mm	
SPL-21	Split sample - riffle splitter	
PUL-32	Pulverize 1000g to 85% < 75 um	
BAG-04	Store in air evacuated bags	
LOG-21d	Sample logging - ClientBarcode Dup	
SPL-21d	Split sample - duplicate	
PUL-32d	Pulverize Split - Dup 85% < 75um	

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

ANALYTICAL PROCEDURES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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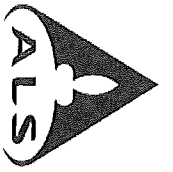
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Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units	WEL-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40209225		0.31			46.1	16.75	12.10	9.64	2.17	11.15	0.33	0.04	0.92	0.15	0.10	0.03
40209226		0.95			49.5	13.95	15.05	6.75	3.31	3.75	1.35	<0.01	3.31	0.17	0.42	0.06
40209227		1.42	78.6	87.2	48.1	13.55	16.00	5.94	3.41	4.11	2.26	<0.01	3.48	0.19	0.40	0.05
40209228		1.63			48.4	12.40	16.85	6.93	2.96	3.99	1.45	<0.01	3.57	0.19	0.42	0.06
40209229		1.46			48.8	12.00	17.05	6.95	3.00	3.89	1.42	<0.01	3.70	0.20	0.44	0.06
40209230		0.20			36.5	3.15	13.90	2.08	0.22	32.8	0.13	0.61	0.27	0.17	0.05	0.01
40209231		1.85			49.4	13.00	17.25	7.03	2.94	4.16	1.70	<0.01	3.83	0.20	0.43	0.07
40209232		1.85			48.5	13.25	17.30	6.84	2.70	4.41	1.78	<0.01	3.56	0.19	0.37	0.08
40209233		1.77			48.4	13.60	17.05	7.63	2.92	4.62	0.92	0.01	3.53	0.19	0.38	0.07
40209234		1.98			48.6	13.20	16.65	7.52	2.48	4.57	1.32	0.01	3.39	0.19	0.37	0.06
40209235		2.05			49.3	12.90	16.10	7.00	2.34	4.36	2.19	<0.01	3.45	0.19	0.39	0.06
40209236		1.81			48.3	12.90	17.15	7.75	2.83	4.57	0.61	0.01	3.46	0.19	0.39	0.05
40209237		1.94			52.3	14.55	14.35	5.46	2.43	3.96	1.97	0.01	2.74	0.14	0.32	0.04
40209238		1.20			49.2	13.35	16.80	6.84	2.65	4.35	0.93	<0.01	3.80	0.21	0.44	0.05
40209239		1.25			51.4	15.55	12.95	6.24	3.53	3.06	2.18	<0.01	2.73	0.17	0.42	0.07
40209240		2.40			58.6	12.45	13.10	4.30	3.88	1.65	2.62	<0.01	1.74	0.19	0.56	0.05
40209241		1.25			51.6	16.75	11.50	6.55	3.46	2.57	2.58	<0.01	2.37	0.15	0.39	0.10
40209242		3.33			52.3	18.15	10.85	6.40	3.39	2.50	3.09	<0.01	2.31	0.14	0.33	0.12
40209243		5.19			50.6	18.00	9.61	7.30	3.39	2.31	3.60	<0.01	2.04	0.13	0.30	0.12
40209244		1.21			51.9	18.60	10.50	6.60	3.61	2.35	3.03	<0.01	2.16	0.13	0.31	0.12
40209244 CRD		<0.02			51.8	18.75	10.45	6.64	3.60	2.37	2.92	<0.01	2.23	0.13	0.32	0.13
40209245		5.80			51.8	18.90	9.94	6.81	3.55	2.25	2.61	<0.01	2.09	0.12	0.31	0.12
40209246		1.51			51.6	19.70	8.64	7.11	3.72	2.00	2.43	<0.01	1.78	0.11	0.29	0.12
40209247		4.16			53.5	20.2	8.68	8.09	3.75	1.91	1.80	<0.01	1.73	0.11	0.28	0.09
40209248		0.55			52.4	20.0	8.48	7.84	3.79	1.96	1.90	<0.01	1.79	0.11	0.29	0.09
40209249		4.68			48.4	16.40	7.76	11.75	3.77	1.71	1.76	<0.01	1.37	0.10	0.22	0.07
40209250		0.44			45.8	17.25	12.10	9.31	2.21	11.45	0.36	0.03	1.05	0.16	0.12	0.04
40209251		4.59			53.4	20.4	8.74	7.21	3.74	1.86	2.63	<0.01	1.78	0.11	0.28	0.12
40209252		1.25			54.6	17.10	10.60	6.08	3.60	1.65	2.72	<0.01	1.65	0.14	0.41	0.09
40209253		6.38			58.4	11.90	13.75	4.97	3.62	1.54	2.37	<0.01	1.70	0.21	0.63	0.04
40209254		4.43			57.1	11.50	13.25	5.04	3.55	1.42	2.34	<0.01	1.62	0.20	0.59	0.05
40209255		1.24			57.2	12.15	14.15	5.01	3.51	1.60	2.19	<0.01	1.70	0.20	0.64	0.05
40209256		6.86			56.9	11.60	13.30	4.49	3.46	1.60	2.28	<0.01	1.70	0.20	0.66	0.05
40209257		6.24			58.2	12.20	14.10	5.19	3.62	1.85	2.31	<0.01	1.88	0.21	0.76	0.05
40209258		2.57			56.9	12.50	14.20	5.76	3.64	1.98	2.03	<0.01	1.67	0.20	0.85	0.06
40209259		1.03			54.1	16.50	11.45	6.93	3.78	1.88	1.97	<0.01	1.92	0.15	0.50	0.09
40209260		0.21			36.7	3.08	13.70	2.06	0.23	32.4	0.11	0.60	0.27	0.17	0.04	<0.01
40209261		6.51			54.2	19.30	8.92	8.16	4.17	1.76	1.53	<0.01	1.77	0.10	0.32	0.10
40209262		4.67			53.0	19.45	8.33	8.06	4.16	1.68	1.44	<0.01	1.64	0.10	0.29	0.10
40209263		1.17			53.0	20.1	8.10	8.45	4.15	1.65	1.43	<0.01	1.67	0.10	0.27	0.09

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***



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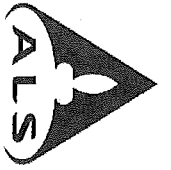
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209225	0.01	0.02	0.05	118.5	18.5	280	1.53	2.61	1.51	0.94	18.3	2.53	1.9	0.56	8.3	
40209226	0.07	0.16	0.02	603	69.5	10	2.12	7.18	3.53	2.79	25.9	8.78	6.5	1.33	30.2	
40209227	0.07	0.15	0.48	631	70.3	20	1.43	6.65	3.35	2.76	24.7	8.27	6.1	1.32	30.4	
40209228	0.06	0.05	0.40	589	79.1	10	2.25	7.90	4.19	3.13	26.2	9.72	7.3	1.56	34.6	
40209229	0.07	0.02	0.10	613	78.8	10	2.45	8.04	4.08	3.22	25.1	9.65	7.3	1.53	34.0	
40209230	0.08	0.23	0.37	704	6.3	4430	0.24	0.74	0.43	0.19	4.8	0.82	0.6	0.15	3.0	
40209231	0.07	0.11	0.09	590	74.6	10	2.09	7.37	3.74	3.05	25.5	9.17	7.0	1.45	32.4	
40209232	0.06	0.02	0.06	596	66.6	30	2.09	6.57	3.42	2.63	26.1	7.99	6.1	1.21	29.0	
40209233	0.05	0.02	0.06	423	64.8	50	2.18	6.03	3.14	2.61	25.5	9.72	5.9	1.23	27.9	
40209234	0.06	0.02	0.06	513	68.4	40	2.26	6.52	3.15	2.84	26.1	7.72	6.2	1.28	29.9	
40209235	0.08	0.07	0.13	734	73.8	30	2.23	6.97	3.75	2.97	25.3	8.47	6.5	1.47	31.7	
40209236	0.03	0.02	0.11	283	73.6	40	3.65	7.22	3.73	2.92	27.4	8.55	6.6	1.42	31.6	
40209237	0.06	0.06	0.40	558	71.8	80	3.89	6.61	3.40	2.42	25.0	7.46	5.9	1.21	32.3	
40209238	0.05	0.01	0.32	414	77.9	20	4.07	7.80	3.92	2.91	27.4	9.25	6.8	1.47	34.3	
40209239	0.17	0.01	0.06	1450	67.4	10	2.53	6.33	3.41	2.66	25.5	8.20	5.5	1.29	29.6	
40209240	0.15	0.01	0.14	1270	137.0	<10	3.48	11.10	6.10	4.21	25.7	14.25	11.1	2.16	60.4	
40209241	0.18	0.01	0.08	1605	63.2	10	3.13	6.06	3.34	2.57	25.9	7.19	5.3	1.24	28.3	
40209242	0.21	0.04	0.05	1835	55.6	10	2.16	5.23	2.77	1.09	26.7	6.35	4.5	0.90	24.8	
40209243	0.21	0.04	0.03	1865	47.5	10	2.35	4.52	2.34	2.28	25.6	5.19	3.8	0.96	21.1	
40209244	0.18	0.01	0.06	1695	52.9	10	2.47	5.30	2.68	2.41	27.4	6.35	4.8	1.06	23.2	
40209244 CRD	0.19	0.01	0.05	1695	52.9	20	2.45	5.15	2.78	2.50	28.0	6.28	4.4	1.03	23.3	
40209245	0.20	0.01	0.05	1745	47.9	10	2.40	4.77	2.30	2.05	25.2	5.67	4.1	0.93	21.2	
40209246	0.22	0.01	0.05	2070	42.5	10	2.53	4.45	2.19	2.09	25.9	5.09	3.8	0.90	19.0	
40209247	0.22	0.01	0.05	1900	44.3	10	2.92	4.18	2.15	2.16	26.2	4.93	3.8	0.82	19.6	
40209248	0.26	0.01	0.03	2240	46.7	10	3.77	4.32	2.23	2.07	26.9	5.02	3.7	0.88	20.7	
40209249	0.15	1.31	0.03	1330	72.3	10	2.62	5.20	2.67	2.09	23.7	6.37	4.9	1.05	36.4	
40209250	0.01	0.03	0.05	123.0	18.4	220	1.98	2.51	1.47	1.03	18.1	2.65	2.0	0.52	8.4	
40209251	0.17	0.01	0.05	1480	46.9	10	2.61	4.39	2.51	2.15	26.8	5.30	3.8	0.87	21.0	
40209252	0.16	0.02	0.08	1405	77.6	10	5.20	6.93	3.36	2.74	25.9	8.39	6.1	1.35	34.0	
40209253	0.14	0.07	0.11	1155	137.0	<10	6.45	11.25	5.94	4.05	25.6	14.00	10.4	2.22	58.8	
40209254	0.13	0.19	0.10	1130	132.0	<10	7.35	11.45	5.78	4.02	25.2	14.40	10.0	2.13	56.7	
40209255	0.12	0.02	0.11	1035	131.5	<10	7.09	11.20	5.79	3.85	25.5	14.20	10.3	2.15	56.6	
40209256	0.11	0.02	0.11	1100	131.5	<10	4.60	11.80	5.75	3.95	25.1	14.30	10.4	2.22	57.0	
40209257	0.13	0.01	0.09	1010	117.5	<10	4.67	9.75	5.03	3.61	22.8	12.30	9.1	1.94	50.9	
40209258	0.10	0.02	0.10	930	121.5	10	6.88	10.50	5.67	4.01	25.3	14.05	9.1	2.09	53.0	
40209259	0.08	0.02	0.10	659	71.1	10	3.80	6.44	3.29	2.66	24.6	7.85	5.1	1.19	31.2	
40209260	0.08	0.23	0.35	708	9.0	4340	0.22	0.93	0.48	0.33	4.6	1.03	0.6	0.17	4.5	
40209261	0.04	0.01	0.06	338	49.5	10	2.45	4.79	2.28	2.07	25.5	5.26	3.9	0.92	21.8	
40209262	0.04	0.02	0.04	330	47.4	10	1.88	4.52	2.23	2.07	25.7	5.58	3.6	0.91	20.6	
40209263	0.05	0.02	0.05	464	45.4	10	1.81	4.03	2.14	2.07	25.8	5.23	3.4	0.85	19.9	

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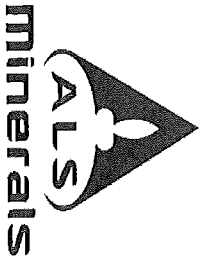
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209225	0.19	5.2	10.6	2.38	9.4	2.71	8.95	253	0.3	0.40	0.85	<0.5	0.21	0.22	125	
40209226	0.36	24.3	39.9	9.00	55.5	8.95	504	504	1.4	1.23	4.15	<0.5	0.47	1.23	340	
40209227	0.37	24.6	39.6	9.21	90.1	9.01	433	433	1.5	1.23	3.87	0.6	0.52	1.17	377	
40209228	0.49	28.5	45.5	10.55	62.4	10.30	501	501	1.8	1.49	4.54	<0.5	0.56	1.26	413	
40209229	0.45	27.9	44.0	10.30	54.2	9.97	481	481	1.7	1.47	4.41	<0.5	0.56	1.28	355	
40209230	0.06	1.4	3.2	0.77	4.0	0.65	48.8	48.8	0.1	0.12	0.46	<0.5	0.08	0.13	62	
40209231	0.46	26.7	42.7	9.77	66.2	9.97	603	603	1.7	1.24	4.48	<0.5	0.52	1.20	395	
40209232	0.41	23.9	36.8	8.58	71.7	8.93	666	666	1.5	1.19	3.64	<0.5	0.49	1.06	473	
40209233	0.39	23.0	37.1	8.55	33.4	8.49	540	540	1.5	1.09	3.67	<0.5	0.40	1.06	436	
40209234	0.41	24.6	40.1	9.11	53.1	9.46	529	529	1.5	1.18	3.92	<0.5	0.49	1.13	427	
40209235	0.43	26.3	41.9	9.58	88.4	9.75	511	511	1.6	1.31	4.21	0.5	0.55	1.89	424	
40209236	0.42	25.6	42.4	9.85	23.2	9.59	473	473	1.6	1.30	4.06	<0.5	0.51	1.12	425	
40209237	0.39	20.7	38.4	9.21	72.4	8.96	329	329	1.3	1.14	5.57	<0.5	0.54	3.87	336	
40209238	0.50	26.9	43.1	10.10	39.0	9.91	411	411	1.7	1.31	4.92	0.5	0.54	4.04	404	
40209239	0.39	20.4	38.0	8.80	86.8	9.04	582	582	1.3	1.19	3.88	<0.5	0.47	0.98	230	
40209240	0.66	34.8	73.3	17.40	76.6	15.45	359	359	2.1	2.04	8.64	<0.5	0.84	2.29	43	
40209241	0.37	18.6	35.8	8.02	90.6	8.18	815	815	1.2	1.10	3.68	<0.5	0.49	1.02	189	
40209242	0.36	16.8	31.4	7.20	114.5	6.59	1030	1030	1.0	0.96	3.11	<0.5	0.35	0.81	202	
40209243	0.30	14.5	27.1	6.16	129.5	6.21	987	987	0.9	0.89	2.69	<0.5	0.33	0.74	177	
40209244	0.34	16.5	29.9	6.91	103.5	6.28	1080	1080	1.0	0.94	3.10	<0.5	0.38	0.86	203	
40209244 CRD	0.34	16.4	29.4	6.91	104.0	6.58	1085	1085	1.0	0.92	3.01	<0.5	0.37	0.84	206	
40209245	0.29	14.3	25.6	6.03	85.6	5.86	927	927	0.9	0.83	2.70	<0.5	0.33	0.76	176	
40209246	0.27	12.9	23.7	5.57	86.3	5.55	871	871	0.8	0.80	2.52	<0.5	0.32	0.70	148	
40209247	0.27	12.8	24.5	5.75	63.5	5.85	774	774	0.8	0.68	2.77	<0.5	0.32	0.76	143	
40209248	0.25	13.2	26.0	6.02	68.8	5.79	707	707	0.9	0.83	2.78	<0.5	0.37	0.74	143	
40209249	0.34	15.5	36.3	8.65	62.4	7.45	564	564	1.0	0.88	3.62	<0.5	0.41	1.03	105	
40209250	0.22	5.2	10.2	2.43	10.9	2.58	260	260	0.3	0.41	0.75	<0.5	0.22	0.20	130	
40209251	0.27	13.5	26.2	5.96	90.1	5.99	1015	1015	0.9	0.80	2.88	<0.5	0.34	0.69	141	
40209252	0.42	19.5	41.0	9.62	88.9	8.63	772	772	1.2	1.17	4.83	<0.5	0.52	1.26	89	
40209253	0.76	32.6	72.0	16.40	76.0	15.65	367	367	2.0	2.03	8.66	<0.5	0.83	2.18	25	
40209254	0.72	32.6	69.6	16.05	76.9	15.80	373	373	1.9	2.07	8.35	<0.5	0.85	2.06	22	
40209255	0.69	31.5	69.6	16.10	74.5	15.65	376	376	2.0	1.95	7.98	<0.5	0.83	2.03	25	
40209256	0.70	32.8	69.1	16.20	74.5	15.90	367	367	2.0	2.10	8.10	<0.5	0.80	2.11	28	
40209257	0.64	27.9	62.2	14.55	65.6	13.55	362	362	1.7	1.72	6.89	<0.5	0.74	1.76	35	
40209258	0.58	26.6	64.7	14.80	64.9	14.50	482	482	1.7	1.97	7.03	<0.5	0.75	1.88	70	
40209259	0.39	17.8	38.5	8.80	61.3	8.44	741	741	1.1	1.10	4.29	<0.5	0.46	1.09	111	
40209260	0.06	1.6	4.5	1.15	3.0	1.15	50.6	50.6	0.1	0.14	1.24	<0.5	0.07	0.10	88	
40209261	0.28	13.3	26.7	43.3	43.3	5.88	767	767	0.9	0.82	2.71	<0.5	0.35	0.71	127	
40209262	0.30	12.8	26.4	5.80	43.2	6.09	800	800	0.8	0.78	2.73	<0.5	0.32	0.72	131	
40209263	0.24	12.1	24.2	5.51	45.1	5.69	828	828	0.8	0.81	2.38	<0.5	0.28	0.65	121	

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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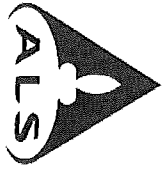
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRAD5 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209225		<1	13.8	1.36	72	0.3	<0.01	<0.005	<0.05	0.3	0.01	0.77	100.26	<0.5	<5	<0.5
40209226		2	32.9	2.93	239	2.0	0.05	0.011	0.29	0.9	0.02	2.13	99.82	<0.5	<5	<0.5
40209227		1	33.0	2.96	244	1.7	0.08	0.014	0.50	0.9	0.03	2.59	100.15	<0.5	<5	0.6
40209228		2	37.4	3.39	278	3.8	0.04	0.010	0.44	1.0	0.02	2.31	99.59	<0.5	<5	<0.5
40209229		1	36.5	3.46	268	1.8	0.04	0.007	0.20	0.8	0.03	1.96	99.54	<0.5	<5	<0.5
40209230		2	4.1	0.39	19	1.5	0.09	0.025	0.38	1.1	0.17	10.70	100.67	1.4	<5	0.9
40209231		1	35.1	3.01	266	2.7	0.03	0.008	0.18	0.8	0.02	1.54	101.62	<0.5	<5	0.7
40209232		1	31.3	3.16	235	1.7	0.03	0.014	0.16	0.7	0.03	1.64	100.68	<0.5	<5	0.6
40209233		1	29.9	2.60	223	1.3	0.03	<0.005	0.14	0.6	0.02	1.73	101.10	<0.5	<5	0.6
40209234		2	32.8	2.80	246	1.5	0.02	0.008	0.15	0.8	0.03	2.14	100.56	<0.5	<5	0.5
40209235		2	35.1	3.14	258	1.9	0.02	0.011	0.20	0.8	0.02	2.37	100.73	<0.5	<5	0.5
40209236		1	36.0	3.06	261	1.7	0.03	0.006	0.20	0.7	0.02	2.03	100.27	<0.5	<5	0.7
40209237		2	31.4	2.68	221	4.5	0.11	0.033	0.63	0.8	0.04	2.42	100.75	<0.5	<5	<0.5
40209238		2	36.0	3.08	264	4.0	0.04	0.009	0.57	1.0	0.03	2.16	100.83	<0.5	5	0.5
40209239		1	32.0	2.92	225	2.2	0.02	<0.005	0.14	0.6	0.02	1.34	99.81	<0.5	<5	<0.5
40209240		1	54.0	5.17	420	0.6	0.01	<0.005	0.14	0.9	0.02	1.19	100.48	<0.5	<5	<0.5
40209241		2	30.2	2.76	213	1.3	0.02	<0.005	0.10	0.9	<0.01	1.18	99.38	<0.5	<5	<0.5
40209242		1	26.1	2.41	182	1.4	0.02	<0.005	0.06	0.9	0.01	1.52	101.32	<0.5	5	<0.5
40209243		1	22.1	2.03	154	1.0	0.01	<0.005	0.06	0.8	<0.01	2.43	100.04	<0.5	<5	<0.5
40209244		1	25.3	2.24	183	1.2	0.02	<0.005	0.06	0.9	0.01	2.07	101.56	<0.5	<5	<0.5
40209244 CRD		3	25.2	2.33	182	1.1	0.02	<0.005	0.05	0.8	<0.01	1.62	101.15	<0.5	<5	<0.5
40209245		1	22.2	1.80	155	1.3	0.02	<0.005	<0.05	0.8	0.01	1.51	100.21	<0.5	<5	<0.5
40209246		2	20.0	1.80	143	1.7	0.01	<0.005	<0.05	0.8	<0.01	1.65	99.37	<0.5	<5	<0.5
40209247		1	20.3	1.87	143	1.2	0.01	<0.005	<0.05	0.8	<0.01	1.25	101.61	<0.5	<5	<0.5
40209248		1	21.0	1.93	149	2.4	0.01	0.006	<0.05	0.7	<0.01	1.34	100.25	<0.5	<5	<0.5
40209249		3	25.4	2.30	201	1.4	0.01	<0.005	0.11	0.7	<0.01	6.19	99.65	<0.5	<5	<0.5
40209250		<1	13.4	1.29	72	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.03	100.92	<0.5	<5	<0.5
40209251		2	21.0	1.93	142	1.0	0.01	<0.005	0.07	0.8	<0.01	1.32	101.76	<0.5	<5	<0.5
40209252		1	32.4	2.73	234	1.3	0.02	<0.005	0.07	1.0	<0.01	1.38	100.18	<0.5	<5	<0.5
40209253		1	55.4	4.73	412	1.8	0.04	<0.005	0.12	1.4	<0.01	1.44	100.71	<0.5	<5	<0.5
40209254		1	53.4	4.42	385	2.3	0.05	<0.005	0.11	1.5	<0.01	1.89	98.68	<0.5	<5	<0.5
40209255		2	54.1	4.70	398	1.9	0.04	<0.005	0.11	1.4	<0.01	1.38	99.90	<0.5	<5	<0.5
40209256		2	54.3	4.82	396	1.7	0.04	<0.005	0.12	1.5	<0.01	1.67	96.03	<0.5	<5	<0.5
40209257		1	48.7	4.58	355	1.4	0.04	<0.005	0.10	1.4	0.01	1.42	101.90	<0.5	<5	<0.5
40209258		1	50.4	4.40	330	1.4	0.05	<0.005	0.08	1.3	0.01	1.21	101.30	<0.5	<5	<0.5
40209259		2	30.3	2.64	201	0.9	0.04	<0.005	<0.05	0.9	<0.01	1.28	100.63	<0.5	<5	<0.5
40209260		1	4.5	0.40	22	1.2	0.09	0.014	0.50	1.3	0.13	10.45	99.89	1.3	<5	1.1
40209261		2	22.6	1.86	148	0.6	0.01	<0.005	<0.05	0.8	<0.01	1.17	101.54	<0.5	<5	<0.5
40209262		1	21.5	1.83	142	0.9	0.01	<0.005	<0.05	0.8	<0.01	1.16	99.45	<0.5	<5	<0.5
40209263		1	20.9	1.77	132	0.8	0.01	<0.005	<0.05	0.8	<0.01	1.23	100.29	<0.5	<5	<0.5

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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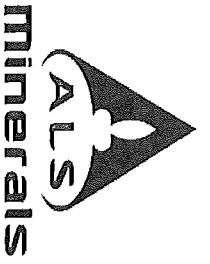
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209225		68	121	20	1	342	7	20	87	0.002	0.0046	0.006
40209226		48	233	50	3	46	7	26	144	0.001	0.0019	0.006
40209227		52	243	40	4	60	9	26	147	0.001	0.0020	0.009
40209228		53	272	40	3	52	11	28	154	0.002	0.0022	0.010
40209229		49	285	30	2	35	11	30	156	0.001	0.0026	0.011
40209230		155	586	<10	2	1940	63	11	204	0.016	0.0066	0.004
40209231		55	265	30	2	52	11	28	158	0.001	0.0024	0.010
40209232		56	244	30	<1	84	5	25	150	0.001	0.0022	0.010
40209233		56	239	20	<1	103	5	24	149	0.003	0.0019	0.009
40209234		55	245	20	<1	97	3	25	170	0.002	0.0020	0.008
40209235		52	250	20	<1	84	<2	25	169	0.001	0.0021	0.009
40209236		55	258	20	<1	89	4	26	159	0.003	0.0022	0.010
40209237		45	223	40	5	77	4	25	148	0.002	0.0021	0.008
40209238		52	286	40	<1	67	2	28	164	0.003	0.0030	0.011
40209239		34	227	20	<1	30	2	21	129	0.003	0.0032	0.008
40209240		16	57	10	2	4	7	19	161	0.001	<0.0005	0.001
40209241		29	199	20	<1	20	<2	18	108	0.003	0.0024	0.004
40209242		28	191	20	<1	21	<2	16	101	0.002	0.0025	0.006
40209243		25	175	20	<1	21	<2	13	95	0.003	0.0025	0.007
40209244		28	196	20	<1	24	<2	15	99	0.003	0.0027	0.008
40209244 CRD		28	196	20	<1	24	<2	15	99	0.003	0.0029	0.008
40209245		26	185	20	<1	22	<2	15	93	0.003	0.0025	0.008
40209246		23	148	20	<1	17	<2	12	86	0.002	0.0020	0.007
40209247		23	144	20	<1	16	2	12	80	0.002	0.0019	0.006
40209248		23	147	20	<1	17	2	11	74	0.001	0.0020	0.006
40209249		18	103	20	1	12	2	10	66	0.002	0.0015	0.005
40209250		63	107	10	<1	345	2	16	102	0.002	0.0044	0.008
40209251		23	139	20	<1	15	2	12	82	0.002	0.0018	0.006
40209252		18	89	10	<1	9	7	16	118	0.002	0.0012	0.004
40209253		19	55	20	2	<1	10	20	176	0.001	<0.0005	<0.001
40209254		18	48	20	1	<1	9	20	170	0.001	<0.0005	<0.001
40209255		18	52	20	1	<1	8	21	174	0.001	<0.0005	<0.001
40209256		18	54	20	1	<1	12	21	175	0.001	<0.0005	<0.001
40209257		19	63	20	2	1	7	21	174	0.001	<0.0005	<0.001
40209258		23	85	10	1	4	7	23	166	0.001	<0.0005	<0.001
40209259		20	129	20	1	21	8	19	128	0.002	0.0013	0.004
40209260		140	558	<10	2	1895	59	10	201	0.013	0.0059	0.004
40209261		22	130	20	<1	19	4	12	84	0.002	0.0019	0.006
40209262		21	123	20	<1	16	2	12	81	0.002	0.0016	0.006
40209263		20	128	20	<1	15	<2	11	75	0.002	0.0016	0.006

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80002797

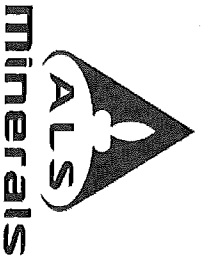
CERTIFICATE OF ANALYSIS TB14136622

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	GRU-QC Passzmm %	PUL-QC Pass75sum %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40209264		6.83			53.5	19.90	7.86	8.58	3.87	1.59	1.35	<0.01	1.54	0.09	0.25	0.09
40209264 CRD		<0.02			53.7	20.2	7.87	8.36	4.26	1.58	1.40	<0.01	1.58	0.09	0.27	0.10
40209265		6.80			53.0	21.0	7.87	8.97	4.20	1.60	1.15	<0.01	1.54	0.09	0.25	0.09
40209266		1.07			52.8	20.5	8.49	8.93	4.14	1.75	1.13	<0.01	1.71	0.10	0.25	0.09
40209267		4.68			52.8	20.8	8.14	8.93	4.21	1.67	1.19	<0.01	1.62	0.09	0.25	0.09
40209268		6.73			52.3	19.95	8.93	8.84	4.07	1.84	1.06	<0.01	1.81	0.10	0.27	0.08
40209269		1.28			51.9	18.95	8.88	8.37	4.07	1.83	1.05	0.01	1.84	0.10	0.28	0.09
40209270		0.53			46.2	17.00	10.90	9.03	2.37	9.45	0.43	0.03	1.07	0.13	0.13	0.04
40209271		6.47			52.7	19.30	8.88	8.42	4.19	1.90	1.12	<0.01	1.85	0.10	0.29	0.09
40209272		6.61	77.2	89.4	53.3	19.20	9.24	8.52	4.17	1.95	1.13	<0.01	1.98	0.11	0.30	0.09
40209273		1.11			52.0	18.05	9.69	8.27	3.95	2.04	1.08	<0.01	2.05	0.11	0.31	0.08
40209274		4.60			52.9	18.30	10.20	8.33	4.02	2.15	1.19	<0.01	2.14	0.12	0.32	0.09
40209275		6.10			51.5	17.60	10.00	8.09	3.83	2.13	1.20	<0.01	2.14	0.12	0.32	0.08
40209276		2.10			52.1	17.45	10.65	7.63	3.77	2.26	1.83	<0.01	2.23	0.13	0.34	0.11
40209277		1.26			52.1	17.45	10.40	7.86	3.73	2.24	1.64	<0.01	2.23	0.12	0.34	0.10
40209278		6.38			53.0	17.80	10.65	7.66	3.76	2.27	1.89	<0.01	2.26	0.13	0.32	0.11
40209279		1.76			52.4	16.50	11.90	7.33	3.54	2.60	1.85	<0.01	2.59	0.14	0.38	0.09
40209280		0.20			36.9	3.10	13.55	2.00	0.22	3.15	0.15	0.59	0.26	0.16	0.04	0.01
40209281		6.58			51.0	14.10	14.30	6.90	3.30	3.07	1.61	<0.01	3.07	0.17	0.42	0.07
40209282		2.48			51.0	13.20	16.05	6.88	3.36	3.41	1.66	<0.01	3.52	0.20	0.48	0.06
40209283		0.62			49.9	13.45	15.80	6.87	3.16	3.44	1.47	0.01	3.48	0.18	0.43	0.06
40209284		2.19			52.1	15.95	12.15	6.38	3.39	2.70	2.43	<0.01	2.60	0.16	0.38	0.10
40209284 CRD		<0.02			51.5	16.40	12.40	6.56	3.34	2.80	2.42	<0.01	2.56	0.15	0.38	0.10
40209285		1.10			51.3	16.75	11.75	6.29	3.37	2.73	2.98	<0.01	2.47	0.15	0.35	0.09
40209286		1.69			47.7	12.65	16.80	7.07	2.94	4.12	1.03	<0.01	3.74	0.21	0.44	0.04
40209287		0.91			50.2	13.20	17.20	7.40	3.02	4.29	1.08	0.01	3.63	0.20	0.41	0.05
40209288		1.10			49.1	12.80	15.60	6.43	2.87	3.99	1.33	0.01	3.15	0.17	0.36	0.05
40209289		2.81			52.1	16.45	11.55	6.15	3.03	2.93	2.59	<0.01	2.41	0.14	0.39	0.10
40209290		0.49			45.5	16.95	11.75	9.28	2.13	10.80	0.36	0.03	0.98	0.15	0.12	0.03
40209291		3.18			49.8	12.35	17.35	7.33	2.98	3.92	1.35	<0.01	3.80	0.20	0.45	0.05
40209292		4.00			49.3	13.50	16.35	6.26	2.92	4.36	1.59	0.01	3.43	0.18	0.35	0.05
40209293		3.59			49.8	13.45	16.95	7.35	3.14	4.36	1.13	0.01	3.54	0.20	0.38	0.06
40209294		3.42			49.6	13.20	17.40	7.35	3.06	4.40	1.22	<0.01	3.73	0.21	0.40	0.05
40209295		3.22			49.0	13.00	16.95	7.51	2.98	4.36	0.91	<0.01	3.73	0.22	0.41	0.05
40209296		1.43			50.1	13.25	17.05	7.30	3.02	4.25	1.01	<0.01	3.68	0.21	0.39	0.05
40209297		1.94			49.1	12.85	17.05	7.56	2.78	4.30	0.76	<0.01	3.71	0.21	0.42	0.05
40209298		3.26			48.8	12.90	16.85	6.92	2.71	4.29	1.17	<0.01	3.70	0.21	0.41	0.05
40209299		2.86			48.7	12.55	16.70	6.68	2.24	4.36	1.56	<0.01	3.65	0.20	0.40	0.04
40209300		0.20			36.1	3.12	13.75	2.10	0.23	3.17	0.15	0.60	0.28	0.17	0.04	<0.01
40209301		2.18			48.1	12.80	16.10	6.67	2.76	4.20	1.20	<0.01	3.60	0.26	0.40	0.04

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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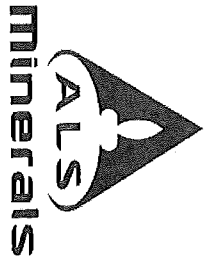
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209264		0.04	0.02	0.04	382	42.1	10	1.52	4.18	2.25	1.87	26.2	5.35	3.7	0.79	18.7
40209264 CRD		0.04	0.01	0.04	380	42.6	10	1.52	4.08	2.11	1.93	25.6	4.61	3.4	0.79	18.8
40209265		0.03	0.01	0.04	261	41.4	10	1.18	4.27	1.99	1.93	26.2	4.88	3.1	0.78	18.2
40209266		0.03	0.02	0.04	255	40.6	10	1.12	3.85	1.97	1.77	24.8	4.93	3.2	0.75	17.7
40209267		0.03	0.01	0.04	279	45.1	10	1.25	4.01	2.16	1.81	26.2	5.09	3.4	0.73	19.7
40209268		0.03	0.01	0.05	263	44.5	10	1.64	4.42	2.18	2.01	25.4	5.43	3.5	0.84	19.5
40209269		0.03	0.01	0.06	264	44.4	70	1.55	4.53	2.38	1.98	26.4	5.52	3.7	0.86	19.7
40209270		0.02	0.02	0.05	149.5	22.3	220	1.73	3.38	1.92	1.06	18.9	3.15	2.1	0.62	10.0
40209271		0.03	0.01	0.05	264	45.7	10	1.56	4.38	2.39	2.05	25.9	5.21	3.8	0.83	20.4
40209272		0.03	0.01	0.05	285	45.9	10	1.49	4.77	2.30	2.14	24.8	5.87	3.7	0.94	20.3
40209273		0.03	0.03	0.05	298	49.4	10	1.89	5.16	2.51	2.07	24.5	6.15	4.0	0.98	21.7
40209274		0.03	0.01	0.05	297	50.3	10	1.78	4.95	2.37	2.15	26.2	6.00	4.0	0.97	22.0
40209275		0.05	0.01	0.05	308	50.2	20	1.88	5.08	2.46	2.21	25.4	6.32	4.1	1.01	22.1
40209276		0.03	0.02	0.05	305	54.1	10	1.83	5.46	2.80	2.23	26.3	6.31	4.5	1.07	23.9
40209277		0.03	0.02	0.09	286	52.9	10	2.03	5.08	2.55	2.13	25.8	6.12	4.3	1.04	23.2
40209278		0.05	0.01	0.08	455	55.0	10	2.13	5.34	2.74	2.35	26.4	6.41	4.5	0.99	24.1
40209279		0.08	0.02	0.08	696	59.1	10	3.18	5.82	3.09	2.30	24.5	6.76	4.9	1.10	26.0
40209280		0.08	0.22	0.37	702	6.9	4340	0.46	0.75	0.23	0.23	4.3	0.76	0.8	0.16	3.3
40209281		0.08	0.02	0.07	760	71.1	30	3.95	7.32	3.84	2.66	25.3	8.15	5.9	1.38	31.0
40209282		0.09	0.02	0.07	717	74.5	30	2.96	7.52	3.95	2.80	24.5	9.02	6.4	1.45	32.8
40209283		0.07	0.01	0.07	677	74.0	50	3.65	7.88	4.24	2.78	26.4	9.13	6.8	1.56	31.4
40209284		0.13	0.01	0.07	1185	64.2	10	2.26	6.13	3.10	2.45	26.3	7.50	5.2	1.23	27.9
40209284 CRD		0.14	0.01	0.06	1205	64.2	10	2.38	6.45	3.51	2.43	26.4	7.46	5.9	1.21	28.0
40209285		0.14	0.03	0.06	1240	59.2	10	2.58	5.86	2.80	2.33	21.9	6.94	5.0	1.10	26.1
40209286		0.05	0.02	0.11	466	77.1	50	4.48	8.15	4.27	2.81	22.7	9.84	7.2	1.55	34.1
40209287		0.06	0.02	0.20	471	74.8	40	2.85	7.39	3.73	2.78	22.1	9.00	6.7	1.35	33.1
40209288		0.06	0.02	0.25	534	73.0	50	3.96	6.96	3.51	2.70	22.1	8.43	6.6	1.35	32.4
40209289		0.11	0.02	0.52	939	69.2	20	2.30	6.15	3.09	2.66	22.6	7.72	5.8	1.21	30.6
40209290		0.01	0.02	0.05	123.0	20.3	210	2.83	1.42	1.02	1.02	15.6	2.96	2.1	0.56	9.2
40209291		0.06	0.02	0.10	482	83.9	20	3.74	8.33	4.09	3.19	22.9	10.35	7.8	1.57	36.7
40209292		0.07	0.03	0.35	616	70.9	50	3.93	6.75	3.53	2.53	22.1	8.27	6.4	1.39	31.4
40209293		0.06	0.01	0.06	509	73.5	40	3.88	7.31	3.57	2.86	22.0	8.77	6.9	1.40	32.5
40209294		0.07	0.02	0.05	589	73.3	40	4.16	7.34	3.84	2.77	22.5	8.78	6.7	1.37	32.3
40209295		0.06	0.04	0.06	463	74.8	40	4.16	7.48	3.60	2.82	22.4	9.15	6.8	1.39	33.0
40209296		0.04	0.04	0.17	361	77.2	40	5.00	7.34	3.89	2.79	22.7	9.02	7.1	1.39	34.3
40209297		0.05	0.03	0.10	395	76.8	40	3.68	7.54	3.77	2.80	22.4	9.16	7.0	1.39	33.7
40209298		0.07	0.09	0.33	621	76.5	40	2.81	7.36	3.61	2.92	22.4	8.96	7.1	1.44	33.3
40209299		0.08	0.07	0.35	696	73.0	40	2.00	7.35	3.65	2.70	21.9	8.96	6.8	1.40	32.6
40209300		0.08	0.23	0.36	701	6.5	4300	0.16	0.77	0.46	0.23	4.0	0.80	0.5	0.15	3.3
40209301		0.05	0.12	0.17	422	75.1	40	4.05	7.39	3.67	2.65	22.3	9.22	6.7	1.43	33.2

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

**** See Appendix Page for comments regarding this certificate ****



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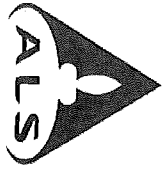
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209264	0.24	11.1	23.5	5.30	44.0	5.51	5.14	1	793	0.7	0.75	2.60	<0.5	0.33	0.63	121
40209264 CRD	0.24	11.5	22.6	5.19	43.7	5.14	5.14	1	795	0.8	0.68	2.31	<0.5	0.29	0.61	124
40209265	0.24	11.0	22.4	4.99	36.1	5.12	5.12	1	775	0.8	0.71	2.30	<0.5	0.30	0.57	125
40209266	0.23	10.7	21.4	5.06	33.8	5.12	5.12	1	721	0.7	0.65	2.25	<0.5	0.28	0.60	133
40209267	0.25	11.9	24.2	5.37	40.2	5.15	5.15	1	800	0.7	0.73	2.86	<0.5	0.30	0.66	134
40209268	0.25	12.6	23.5	5.42	32.7	5.45	5.45	1	727	0.8	0.73	2.43	<0.5	0.31	0.67	151
40209269	0.26	13.2	24.9	5.56	33.9	5.62	5.62	1	735	0.8	0.78	2.67	<0.5	0.33	0.72	157
40209270	0.25	5.8	27.6	2.62	12.9	3.08	3.08	1	279	0.4	0.52	1.00	<0.5	0.28	0.25	127
40209271	0.25	12.5	23.9	5.60	35.9	5.66	5.66	1	739	0.8	0.74	2.61	<0.5	0.33	0.71	163
40209272	0.27	13.1	25.2	5.70	34.3	5.84	5.84	1	720	0.9	0.80	2.76	<0.5	0.36	0.75	161
40209273	0.31	14.0	26.6	6.08	31.7	6.24	6.24	2	674	0.9	0.81	2.89	<0.5	0.35	0.72	168
40209274	0.29	14.7	28.3	6.29	35.7	6.69	6.69	1	710	1.0	0.86	2.84	<0.5	0.36	0.71	180
40209275	0.29	14.9	27.6	6.33	36.8	6.13	6.13	1	698	1.0	0.85	2.97	<0.5	0.43	0.76	192
40209276	0.34	15.6	30.6	6.72	64.6	6.53	6.53	1	908	1.0	0.93	3.08	<0.5	0.36	0.78	198
40209277	0.29	15.5	30.1	6.55	55.8	6.38	6.38	1	878	1.0	0.87	2.94	<0.5	0.38	0.79	191
40209278	0.31	16.2	30.7	6.83	62.4	6.86	6.86	1	882	1.0	0.89	2.94	<0.5	0.39	0.82	198
40209279	0.35	17.4	32.3	7.18	61.9	7.27	7.27	2	754	1.1	1.01	3.28	<0.5	0.46	0.83	225
40209280	0.05	1.3	3.6	0.84	2.9	0.94	0.94	2	49.8	0.1	0.12	0.12	<0.5	0.05	0.05	86
40209281	0.43	20.6	38.4	8.75	56.5	8.75	8.75	2	602	1.3	1.25	4.08	<0.5	0.54	1.18	302
40209282	0.48	22.4	41.6	9.32	54.0	9.67	9.67	2	525	1.4	1.35	4.35	<0.5	0.61	1.27	304
40209283	0.42	24.3	40.0	9.11	53.4	9.49	9.49	3	517	1.5	1.29	4.41	<0.5	0.59	1.21	371
40209284	0.36	18.3	34.1	7.90	87.2	7.89	7.89	2	853	1.2	1.12	3.65	<0.5	0.45	0.94	233
40209284 CRD	0.38	19.0	35.0	7.86	87.4	7.71	7.71	2	850	1.3	1.06	3.95	<0.5	0.45	0.94	238
40209285	0.37	17.9	31.9	7.71	105.5	7.62	7.62	2	821	1.0	0.97	3.60	<0.5	0.42	1.04	227
40209286	0.55	26.1	42.5	10.05	37.3	9.84	9.84	3	377	1.5	1.36	4.51	<0.5	0.59	1.41	413
40209287	0.48	25.7	41.0	9.82	50.9	9.04	9.04	2	450	1.5	1.24	4.10	<0.5	0.52	1.28	414
40209288	0.45	24.5	39.3	9.51	52.7	8.79	8.79	2	476	1.5	1.17	4.61	<0.5	0.50	1.56	386
40209289	0.40	21.8	37.5	8.93	92.0	8.20	8.20	2	853	1.2	1.09	4.07	<0.5	0.46	1.35	244
40209290	0.23	5.8	11.4	2.65	9.3	2.53	2.53	1	260	0.2	0.44	0.90	<0.5	0.22	0.24	133
40209291	0.52	30.0	45.8	11.00	48.0	10.65	10.65	4	469	1.8	1.43	4.64	<0.5	0.56	1.37	398
40209292	0.42	24.6	38.6	9.25	60.2	8.67	8.67	2	486	1.4	1.17	4.44	<0.5	0.50	1.89	432
40209293	0.48	26.0	40.6	9.55	42.1	9.02	9.02	2	512	1.6	1.27	4.21	<0.5	0.51	1.30	422
40209294	0.42	26.5	40.4	9.58	43.9	9.18	9.18	2	495	1.5	1.22	4.07	<0.5	0.51	1.26	419
40209295	0.45	26.4	40.5	9.68	35.0	9.39	9.39	2	460	1.6	1.24	4.13	<0.5	0.55	1.25	420
40209296	0.47	25.9	42.4	10.05	39.9	9.57	9.57	2	434	1.5	1.31	4.67	<0.5	0.53	1.87	419
40209297	0.46	26.4	41.6	9.95	30.3	9.57	9.57	2	434	1.5	1.28	4.18	<0.5	0.53	1.50	428
40209298	0.44	32.2	41.6	9.90	41.2	9.17	9.17	2	431	1.5	1.33	4.32	<0.5	0.52	1.25	427
40209299	0.46	26.8	39.9	9.46	57.2	8.80	8.80	2	386	1.5	1.22	4.09	0.6	0.49	1.23	423
40209300	0.07	1.7	3.3	0.81	2.8	0.72	0.72	1	50.7	<0.1	0.13	0.51	<0.5	0.06	0.14	90
40209301	0.47	26.5	41.7	9.85	36.2	9.56	9.56	2	415	1.5	1.29	4.34	<0.5	0.54	1.40	420

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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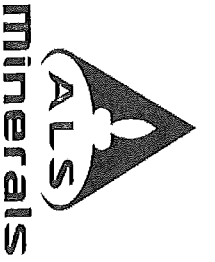
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Table with columns: Sample Description, Method Analyte Units, LOR, ME-MS81 W ppm, ME-MS81 Y ppm, ME-MS81 Yb ppm, ME-MS81 Zr ppm, ME-MS42 As ppm, ME-MS42 Bi ppm, ME-MS42 Hg ppm, ME-MS42 Sb ppm, ME-MS42 Se ppm, ME-MS42 Te ppm, OA-GRA05 LOI %, TOT-ICP06 Total %, ME-4ACD81 Ag ppm, ME-4ACD81 As ppm, ME-4ACD81 Cd ppm. Rows include sample IDs like 40209264, 40209284 CRD, 40209285, 40209286, 40209287, 40209288, 40209289, 40209290, 40209291, 40209292, 40209293, 40209294, 40209295, 40209296, 40209297, 40209298, 40209299, 40209300, 40209301.

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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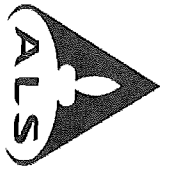
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209264		20	127	30	<1	15	2	10	77	0.002	0.0015	0.006
40209264 CRD		19	121	20	<1	15	<2	10	74	0.002	0.0017	0.007
40209265		19	123	20	<1	15	<2	10	73	0.002	0.0021	0.008
40209266		22	136	30	<1	19	2	11	83	0.002	0.0018	0.006
40209267		20	130	20	<1	15	2	10	73	0.002	0.0016	0.007
40209268		23	149	20	<1	19	3	12	80	0.002	0.0019	0.007
40209269		24	154	20	<1	22	<2	13	85	0.003	0.0025	0.008
40209270		24	153	20	<1	299	<2	16	84	0.002	0.0047	0.007
40209271		24	153	20	<1	21	<2	13	86	0.003	0.0021	0.008
40209272		24	154	20	<1	21	4	14	87	0.002	0.0021	0.007
40209273		26	170	20	<1	20	<2	15	89	0.003	0.0025	0.007
40209274		27	172	20	<1	23	2	16	96	0.003	0.0035	0.008
40209275		27	178	20	<1	22	<2	16	98	0.003	0.0025	0.007
40209276		27	175	30	<1	23	<2	16	110	0.003	0.0027	0.008
40209277		28	190	30	<1	24	<2	16	97	0.003	0.0027	0.008
40209278		27	189	20	<1	24	<2	17	113	0.003	0.0031	0.007
40209279		32	219	20	<1	29	2	19	98	0.003	0.0031	0.008
40209280		136	546	<10	2	1855	58	9	199	0.015	0.0068	0.004
40209281		39	262	20	<1	48	<2	23	130	0.004	0.0041	0.012
40209282		43	307	20	1	43	5	26	163	0.004	0.0038	0.010
40209283		47	304	20	<1	62	4	25	163	0.005	0.0051	0.019
40209284		36	228	20	<1	32	<2	21	129	0.003	0.0031	0.008
40209284 CRD		32	214	20	<1	30	3	19	122	0.003	0.0030	0.009
40209285		31	197	20	<1	29	6	17	140	0.003	0.0028	0.007
40209286		47	322	20	<1	66	6	26	180	0.006	0.0053	0.017
40209287		50	262	20	<1	70	5	26	142	0.006	0.0027	0.011
40209288		47	273	20	<1	72	2	24	196	0.005	0.0026	0.011
40209289		33	195	20	<1	37	3	18	126	0.003	0.0017	0.008
40209290		64	125	10	<1	345	<2	17	97	0.002	0.0044	0.007
40209291		47	295	20	1	46	4	27	157	0.004	0.0033	0.013
40209292		51	258	20	1	82	6	26	188	0.003	0.0030	0.012
40209293		50	264	20	<1	82	5	25	162	0.004	0.0028	0.012
40209294		49	272	20	1	81	4	24	150	0.004	0.0027	0.012
40209295		50	280	10	<1	83	13	26	162	0.004	0.0030	0.012
40209296		50	272	20	2	77	9	26	173	0.004	0.0028	0.011
40209297		51	274	20	<1	75	4	27	163	0.003	0.0025	0.010
40209298		51	261	20	<1	76	4	26	167	0.003	0.0027	0.011
40209299		49	276	30	<1	73	4	26	162	0.003	0.0033	0.011
40209300		141	560	<10	1	1890	56	10	204	0.015	0.0057	0.004
40209301		52	311	20	1	80	7	28	178	0.003	0.0027	0.012

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

***** See Appendix Page for comments regarding this certificate *****



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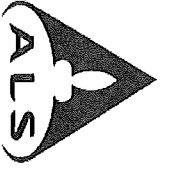
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40209302		2.81	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40209303		2.72	0.02	0.01	48.8	12.40	16.20	6.19	2.49	4.23	1.77	<0.01	3.59	0.22	0.38	0.03

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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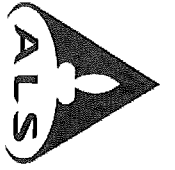
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40209302		0.07	0.40	0.12	624	68.4	40	2.28	6.79	3.29	2.41	20.5	8.27	6.8	1.32	30.0
40209303		0.06	0.09	0.21	528	71.8	40	2.68	7.15	3.81	2.73	22.5	8.50	6.9	1.40	31.6

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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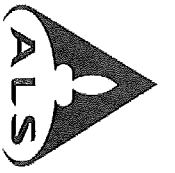
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40209302		0.42	25.1	36.8	8.92	62.3	8.39	2	331	1.5	1.16	3.79	0.5	0.47	1.11	404
40209303		0.46	25.1	39.8	9.36	38.5	8.85	2	409	1.5	1.22	4.22	<0.5	0.51	1.51	420

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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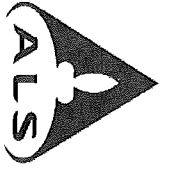
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.0005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	QA-GRAD5 LOI % 0.01	TOT-ICR06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5
40209302		1	34.0	3.01	254	11.3	0.04	0.006	0.42	1.3	0.01	3.80	100.17	<0.5	8	<0.5
40209303		1	34.9	3.09	266	7.9	0.05	0.006	0.60	1.3	0.01	2.14	101.24	<0.5	10	0.5

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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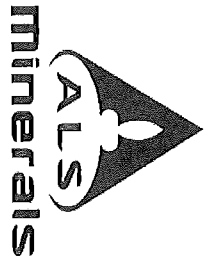
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001
40209302		48	280	50	1	76	5	25	150	0.002	0.0025	0.010
40209303		51	277	30	1	86	7	26	183	0.002	0.0026	0.011

Comments: ***Corrected copy for S-IR08 on samples 40209276 to 40209284***

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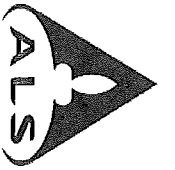
Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.		
	BAG-04	CRU-31	LOG-21
	LOG-21d	LOG-23	PUL-32d
	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	C-IR07	ME-4ACD81	ME-MS42
	ME-MS81	OA-GRA05	S-IR08
	TOT-ICP06		



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CERTIFICATE TB14136622

Project: EB80002797
 P.O. No.: 3101202290
 This report is for 82 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-SEP-2014.
 The following have access to data associated with this certificate:
 RTXAMRNA ASSAY RESULTS
 BRIAN GOLDNER
 JAY HAMWITT
 SUE DRIEBERG
 JENNY GOLDNER
 JENNY GOLDNER
 BRIAN GOLDNER

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: BRIAN GOLDNER
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

SAMPLE PREPARATION

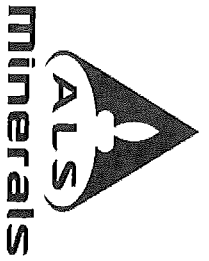
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% < 75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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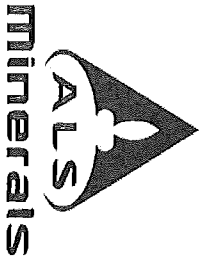
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Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 S/O %
40209225		0.31			46.1	16.75	12.10	9.64	2.17	11.15	0.33	0.04	0.92	0.15	0.10	0.03
40209226		0.95			49.5	13.95	15.05	6.75	3.31	3.75	1.35	<0.01	3.31	0.17	0.42	0.06
40209227		1.42	78.6	87.2	48.1	13.55	16.00	5.94	3.41	4.11	2.26	<0.01	3.48	0.19	0.40	0.05
40209228		1.63			48.4	12.40	16.85	6.93	2.96	3.99	1.45	<0.01	3.57	0.19	0.42	0.06
40209229		1.46			48.8	12.00	17.05	6.95	3.00	3.89	1.42	<0.01	3.70	0.20	0.44	0.06
40209230		0.20			36.5	3.15	13.90	2.08	0.22	32.8	0.13	0.61	0.27	0.17	0.05	0.01
40209231		1.85			49.4	13.00	17.25	7.03	2.94	4.16	1.70	<0.01	3.83	0.20	0.43	0.07
40209232		1.85			48.5	13.25	17.30	6.84	2.70	4.41	1.78	<0.01	3.56	0.19	0.37	0.08
40209233		1.77			48.4	13.25	17.05	7.63	2.92	4.62	0.92	0.01	3.53	0.19	0.38	0.07
40209234		1.98			48.6	13.20	16.65	7.52	2.48	4.57	1.32	0.01	3.39	0.19	0.37	0.06
40209235		2.05			49.3	12.90	16.10	7.00	2.34	4.36	2.19	<0.01	3.45	0.19	0.39	0.06
40209236		1.81			48.3	12.90	17.15	7.75	2.83	4.57	0.61	0.01	3.46	0.19	0.39	0.05
40209237		1.94			52.3	14.35	14.35	5.46	2.45	3.96	1.97	0.01	2.74	0.14	0.32	0.04
40209238		1.20			49.2	13.35	16.80	6.84	2.65	4.35	0.93	<0.01	3.80	0.21	0.44	0.05
40209239		1.25			51.4	15.55	12.95	6.24	3.53	3.06	2.18	<0.01	2.73	0.17	0.42	0.07
40209240		2.40			58.6	12.45	13.10	4.30	3.88	1.65	2.62	<0.01	1.74	0.19	0.56	0.05
40209241		1.25			51.6	16.75	11.50	6.55	3.46	2.57	2.58	<0.01	2.37	0.15	0.39	0.10
40209242		3.33			52.3	18.15	10.85	6.40	3.40	2.50	3.09	<0.01	2.31	0.14	0.33	0.12
40209243		5.19			50.6	18.00	9.61	7.30	3.39	2.31	3.60	<0.01	2.04	0.13	0.30	0.12
40209244		1.21			51.9	18.60	10.50	6.60	3.61	2.35	3.03	<0.01	2.16	0.13	0.31	0.12
40209244 CRD		<0.02			51.8	18.75	10.45	6.64	3.60	2.37	2.92	<0.01	2.23	0.13	0.32	0.13
40209245		5.80			51.8	18.90	9.94	6.81	3.55	2.25	2.61	<0.01	2.09	0.12	0.31	0.12
40209246		1.51			51.6	19.70	8.64	7.11	3.72	1.91	2.43	<0.01	1.78	0.11	0.29	0.11
40209247		4.16			53.5	20.2	8.68	8.09	3.75	1.91	1.80	<0.01	1.73	0.11	0.28	0.09
40209248		0.55			52.4	20.0	8.48	7.84	3.79	1.96	1.90	<0.01	1.79	0.11	0.29	0.09
40209249		4.68			48.4	16.40	7.76	11.75	3.77	1.71	1.76	<0.01	1.37	0.10	0.22	0.07
40209250		0.44			45.8	17.25	12.10	9.31	2.21	11.45	0.36	0.03	1.05	0.16	0.12	0.04
40209251		4.59			53.4	20.4	8.74	7.21	3.74	1.86	2.63	<0.01	1.78	0.11	0.28	0.12
40209252		1.25			54.6	17.10	10.60	6.08	3.60	2.72	2.72	<0.01	1.65	0.14	0.41	0.09
40209253		6.38			58.4	11.90	13.75	4.97	3.62	1.54	2.37	<0.01	1.70	0.21	0.63	0.04
40209254		4.43			57.1	11.50	13.25	5.04	3.55	1.42	2.34	<0.01	1.62	0.20	0.59	0.05
40209255		1.24			57.2	12.15	14.15	5.01	3.51	1.60	2.19	<0.01	1.70	0.20	0.64	0.05
40209256		6.86			56.9	11.60	13.30	4.49	3.46	1.60	2.28	<0.01	1.70	0.20	0.66	0.05
40209257		6.24			58.2	12.20	14.10	5.19	3.62	1.85	2.31	<0.01	1.86	0.21	0.76	0.05
40209258		2.57			56.9	12.50	14.20	5.76	3.64	1.98	2.03	<0.01	1.87	0.20	0.85	0.06
40209259		1.03			54.1	16.50	13.45	6.93	3.78	1.88	1.97	<0.01	1.92	0.15	0.50	0.09
40209260		0.21			36.7	3.08	13.70	2.06	0.23	32.4	0.11	0.60	0.27	0.17	0.04	<0.01
40209261		6.51			54.2	19.30	8.92	8.16	4.17	1.76	1.53	<0.01	1.77	0.10	0.32	0.10
40209262		4.67			53.0	19.45	8.33	8.06	4.16	1.68	1.44	<0.01	1.64	0.10	0.29	0.10
40209263		1.17			53.0	20.1	8.10	8.45	4.15	1.65	1.43	<0.01	1.67	0.10	0.27	0.09

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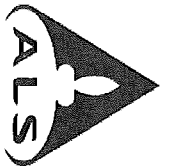
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Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40209225		0.01	0.02	0.05	118.5	18.5	280	1.53	2.61	1.51	0.94	18.3	2.53	1.9	0.56	8.3
40209226		0.07	0.02	0.16	603	69.5	10	2.12	7.18	3.53	2.79	25.9	8.78	6.5	1.33	30.2
40209227		0.07	0.15	0.48	631	70.3	20	1.43	6.65	3.35	2.76	24.7	8.27	6.1	1.32	30.4
40209228		0.06	0.05	0.40	589	79.1	10	2.25	7.90	4.19	3.13	26.2	9.72	7.3	1.56	34.6
40209229		0.07	0.02	0.10	613	78.8	10	2.45	8.04	4.08	3.22	25.1	9.65	7.3	1.53	34.0
40209230		0.08	0.23	0.37	704	6.3	4430	0.24	0.74	0.43	0.19	4.8	0.82	0.6	0.15	3.0
40209231		0.07	0.11	0.09	590	74.6	10	2.09	7.37	3.74	3.05	25.5	9.17	7.0	1.45	32.4
40209232		0.06	0.02	0.09	596	66.6	30	2.09	6.57	3.42	2.63	26.1	7.99	6.1	1.21	29.0
40209233		0.05	0.02	0.06	423	64.8	50	2.18	6.03	3.14	2.61	25.5	7.76	5.9	1.23	27.9
40209234		0.06	0.02	0.06	513	68.4	40	2.26	6.52	3.15	2.84	26.1	7.72	6.2	1.28	29.9
40209235		0.08	0.07	0.13	734	73.8	30	2.23	6.97	3.75	2.97	25.3	8.47	6.5	1.47	31.7
40209236		0.03	0.02	0.11	283	73.6	40	3.65	7.22	3.73	2.92	27.4	8.55	6.6	1.42	31.6
40209237		0.06	0.06	0.40	558	71.8	80	3.89	6.61	3.40	2.42	25.0	7.46	5.9	1.21	34.3
40209238		0.05	0.01	0.32	414	77.9	20	4.07	7.80	3.92	2.91	27.4	9.25	6.8	1.47	34.3
40209239		0.17	0.01	0.06	1450	67.4	10	2.53	6.33	3.41	2.66	25.5	8.20	5.5	1.29	29.6
40209240		0.15	0.01	0.14	1270	137.0	<10	3.48	11.10	6.10	4.21	25.7	14.25	11.1	2.16	60.4
40209241		0.18	0.01	0.08	1605	63.2	10	3.13	6.06	3.34	2.57	25.9	7.19	5.3	1.24	28.3
40209242		0.21	0.01	0.05	1835	55.6	10	2.49	5.23	2.77	2.16	26.7	6.35	4.5	1.09	24.8
40209243		0.03	0.03	0.03	1865	47.5	10	2.35	4.52	2.34	2.26	25.6	5.19	3.8	0.96	21.1
40209244		0.18	0.01	0.06	1695	52.9	10	2.47	5.30	2.68	2.41	27.4	6.35	4.8	1.06	23.2
40209244 CRD																
40209245		0.19	0.01	0.05	1695	52.9	20	2.45	5.15	2.78	2.50	28.0	6.28	4.4	1.03	23.3
40209246		0.20	0.01	0.05	1745	47.9	10	2.40	4.77	2.30	2.05	25.2	5.67	4.1	0.93	21.2
40209247		0.23	0.01	0.05	2070	42.5	10	2.53	4.45	2.19	2.09	25.9	5.09	3.8	0.90	19.0
40209247		0.22	0.01	0.05	1900	44.3	10	2.92	4.18	2.15	2.16	26.2	4.93	3.8	0.82	19.6
40209248		0.26	0.01	0.03	2240	46.7	10	3.77	4.32	2.23	2.07	26.9	5.02	3.7	0.88	20.7
40209249		0.15	1.31	0.03	1330	72.3	10	2.62	5.20	2.67	2.09	23.7	6.37	4.9	1.05	38.4
40209250		0.01	0.03	0.05	123.0	18.4	220	1.98	2.51	1.47	1.03	18.1	2.65	2.0	0.52	8.4
40209251		0.17	0.01	0.05	1480	46.9	10	2.61	4.39	2.51	2.15	26.8	5.30	3.8	0.87	21.0
40209252		0.16	0.02	0.08	1405	77.6	10	5.20	6.93	3.36	2.74	25.9	8.39	6.1	1.35	34.0
40209253		0.14	0.07	0.11	1155	137.0	<10	6.45	11.25	5.94	4.05	25.6	14.00	10.4	2.22	59.8
40209254		0.13	0.19	0.10	1130	132.0	<10	7.35	11.45	5.78	4.02	25.2	14.40	10.0	2.13	56.7
40209255		0.12	0.02	0.11	1035	131.5	<10	7.09	11.20	5.79	3.95	25.5	14.20	10.3	2.15	56.6
40209256		0.12	0.02	0.11	1035	131.5	<10	4.60	11.80	5.75	3.65	25.1	14.30	10.4	2.22	57.0
40209257		0.13	0.01	0.09	1010	117.5	<10	4.67	9.75	5.03	3.61	22.8	12.30	9.1	1.94	50.9
40209258		0.10	0.02	0.10	930	121.5	10	6.88	10.50	5.67	4.01	25.3	14.05	9.1	2.09	53.0
40209259		0.08	0.02	0.10	659	71.1	10	3.80	6.44	3.29	2.66	24.6	7.85	5.1	1.19	31.2
40209260		0.08	0.23	0.35	708	9.0	4340	0.22	0.93	0.48	0.33	4.6	1.03	0.6	0.17	4.5
40209261		0.04	0.01	0.06	338	49.5	10	2.45	4.79	2.28	2.07	25.5	5.26	3.9	0.92	21.8
40209262		0.04	0.02	0.04	330	47.4	10	1.88	4.52	2.23	2.07	25.7	5.58	3.6	0.91	20.6
40209263		0.05	0.02	0.05	464	45.4	10	1.81	4.03	2.14	2.07	25.8	5.23	3.4	0.85	19.9

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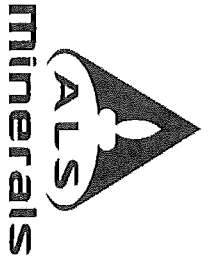
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Table with columns: Sample Description, Method Analyte Units LOR, ME-MSB1 Lu, ME-MSB1 Nb, ME-MSB1 Nd, ME-MSB1 Pr, ME-MSB1 Rb, ME-MSB1 Sm, ME-MSB1 Sn, ME-MSB1 Sr, ME-MSB1 Ta, ME-MSB1 Tb, ME-MSB1 Th, ME-MSB1 Tl, ME-MSB1 Tm, ME-MSB1 U, ME-MSB1 V. Rows include sample IDs like 40209225, 40209230, 40209231, etc., and their corresponding analytical data.

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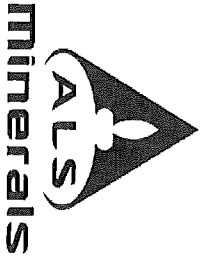
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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209225		<1	13.8	1.36	72	0.3	<0.01	<0.005	<0.05	0.3	0.01	0.77	100.26	<0.5	<5	<0.5
40209226		2	32.9	2.93	239	2.0	0.05	0.011	0.29	0.9	0.02	2.13	99.82	<0.5	<5	<0.5
40209227		1	33.0	2.96	244	1.7	0.08	0.014	0.50	0.9	0.03	2.59	100.15	<0.5	<5	0.6
40209228		2	37.4	3.39	278	3.8	0.04	0.010	0.44	1.0	0.02	2.31	99.59	<0.5	<5	<0.5
40209229		1	36.5	3.46	268	1.8	0.04	0.007	0.20	0.8	0.03	1.96	99.54	<0.5	<5	<0.5
40209230		2	4.1	0.39	19	1.5	0.09	0.025	0.38	1.1	0.17	10.70	100.67	1.4	<5	0.9
40209231		1	35.1	3.01	266	2.7	0.03	0.008	0.18	0.8	0.02	1.54	101.62	<0.5	<5	0.7
40209232		1	31.3	3.16	235	1.7	0.03	0.014	0.16	0.7	0.03	1.64	100.68	<0.5	<5	0.6
40209233		1	29.9	2.80	223	1.3	0.03	<0.005	0.14	0.6	0.02	1.73	101.10	<0.5	<5	0.6
40209234		2	32.8	2.60	246	1.5	0.02	0.008	0.15	0.8	0.03	2.14	100.56	<0.5	<5	0.5
40209235		2	35.1	3.14	258	1.9	0.02	0.011	0.20	0.8	0.02	2.37	100.73	<0.5	<5	0.5
40209236		1	35.0	3.06	261	1.7	0.03	0.006	0.20	0.7	0.02	2.03	100.27	<0.5	<5	0.7
40209237		2	31.4	2.68	221	4.5	0.11	0.033	0.63	0.8	0.04	2.42	100.75	<0.5	<5	<0.5
40209238		2	36.0	3.08	264	4.0	0.04	0.009	0.57	1.0	0.03	2.16	100.83	<0.5	5	0.5
40209239		1	32.0	2.92	225	2.2	0.02	<0.005	0.14	0.6	0.02	1.34	99.81	<0.5	<5	<0.5
40209240		1	54.0	5.17	420	0.6	0.01	<0.005	0.14	0.9	0.02	1.19	100.48	<0.5	<5	<0.5
40209241		2	30.2	2.76	213	1.3	0.02	<0.005	0.10	0.9	0.01	1.18	99.38	<0.5	<5	<0.5
40209242		1	26.1	2.41	182	1.4	0.02	<0.005	0.06	0.9	0.01	1.52	101.32	<0.5	5	<0.5
40209243		1	22.1	2.03	154	1.0	0.01	<0.005	0.06	0.8	0.01	2.43	100.04	<0.5	<5	<0.5
40209244		1	25.3	2.24	183	1.2	0.02	<0.005	0.06	0.9	0.01	2.07	101.56	<0.5	<5	<0.5
40209244 CRD		3	25.2	2.33	182	1.1	0.02	<0.005	0.05	0.8	0.01	1.62	101.15	<0.5	<5	<0.5
40209245		1	22.2	1.80	155	1.3	0.02	<0.005	<0.05	0.8	0.01	1.51	100.21	<0.5	<5	<0.5
40209246		2	20.0	1.80	143	1.7	0.01	<0.005	<0.05	0.8	0.01	1.65	99.37	<0.5	<5	<0.5
40209247		1	20.3	1.87	143	1.2	0.01	<0.005	<0.05	0.8	0.01	1.25	101.61	<0.5	<5	<0.5
40209248		1	21.0	1.93	149	2.4	0.01	0.006	<0.05	0.7	0.01	1.34	100.25	<0.5	<5	<0.5
40209249		3	25.4	2.30	201	1.4	0.01	<0.005	0.11	0.7	0.01	6.19	99.65	<0.5	<5	<0.5
40209250		<1	13.4	1.29	72	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.03	100.92	<0.5	<5	<0.5
40209251		1	21.0	1.93	142	1.0	0.01	<0.005	<0.05	0.8	0.01	1.32	101.76	<0.5	<5	<0.5
40209252		2	32.4	2.73	234	1.3	0.02	<0.005	0.07	1.0	0.01	1.38	100.18	<0.5	<5	<0.5
40209253		1	55.4	4.73	412	1.8	0.04	<0.005	0.12	1.4	0.01	1.44	100.71	<0.5	<5	<0.5
40209254		1	53.4	4.42	385	2.3	0.05	<0.005	0.11	1.5	0.01	1.89	98.68	<0.5	<5	<0.5
40209255		2	54.1	4.70	398	1.9	0.04	<0.005	0.11	1.4	0.01	1.38	99.90	<0.5	<5	<0.5
40209256		2	54.3	4.82	396	1.7	0.04	<0.005	0.12	1.5	0.01	1.67	98.03	<0.5	<5	<0.5
40209257		1	48.7	4.58	355	1.4	0.04	<0.005	0.10	1.4	0.01	1.42	101.90	<0.5	<5	<0.5
40209258		1	50.4	4.40	330	1.4	0.05	<0.005	0.08	1.3	0.01	1.21	101.30	<0.5	<5	<0.5
40209259		2	30.3	2.64	201	0.9	0.04	<0.005	<0.05	0.9	0.01	1.28	100.63	<0.5	<5	<0.5
40209260		1	4.5	0.40	22	1.2	0.09	0.014	0.50	1.3	0.13	10.45	99.89	1.3	<5	1.1
40209261		2	22.6	1.86	148	0.6	0.01	<0.005	<0.05	0.8	0.01	1.17	101.54	<0.5	<5	<0.5
40209262		1	21.5	1.83	142	0.9	0.01	<0.005	<0.05	0.8	0.01	1.16	99.45	<0.5	<5	<0.5
40209263		1	20.9	1.77	132	0.8	0.01	<0.005	<0.05	0.8	0.01	1.23	100.29	<0.5	<5	<0.5

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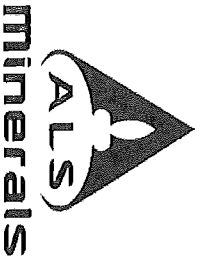
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209225		68	121	20	1	342	7	20	87	0.002	0.0046	0.006
40209226		48	233	50	3	46	7	26	144	0.001	0.0019	0.006
40209227		52	243	40	4	60	9	26	147	0.001	0.0020	0.009
40209228		53	272	40	3	52	11	28	154	0.002	0.0022	0.010
40209229		49	285	30	2	35	11	30	156	0.001	0.0026	0.011
40209230		155	586	<10	2	1940	63	11	204	0.016	0.0066	0.004
40209231		55	265	30	2	52	11	28	158	0.001	0.0024	0.010
40209232		53	244	30	<1	84	5	25	150	0.001	0.0022	0.010
40209233		56	239	20	<1	103	5	24	149	0.003	0.0019	0.009
40209234		55	245	20	<1	97	3	25	170	0.002	0.0020	0.008
40209235		52	250	20	<1	84	<2	25	169	0.001	0.0021	0.009
40209236		55	258	20	<1	89	4	26	159	0.003	0.0022	0.010
40209237		45	223	40	5	77	4	25	148	0.002	0.0021	0.008
40209238		52	286	40	<1	67	2	28	164	0.003	0.0030	0.011
40209239		34	227	20	<1	30	2	21	129	0.003	0.0032	0.008
40209240		16	57	10	2	4	7	19	161	0.001	<0.0005	0.001
40209241		29	199	20	<1	20	<2	18	108	0.003	0.0024	0.004
40209242		28	191	20	<1	21	<2	16	101	0.002	0.0025	0.006
40209243		25	175	20	<1	21	<2	13	95	0.003	0.0025	0.007
40209244		28	196	20	<1	24	<2	15	99	0.003	0.0027	0.008
40209244 CRD		28	196	20	<1	24	<2	15	99	0.003	0.0029	0.008
40209245		26	185	20	<1	22	<2	15	93	0.003	0.0025	0.008
40209246		23	148	20	<1	17	<2	12	86	0.002	0.0020	0.007
40209247		23	144	20	<1	16	2	12	80	0.002	0.0019	0.006
40209248		23	147	20	<1	17	2	11	74	0.001	0.0020	0.006
40209249		18	103	20	1	12	2	10	66	0.002	0.0015	0.005
40209250		63	107	20	<1	345	2	16	102	0.002	0.0044	0.008
40209251		23	139	10	<1	15	2	12	82	0.002	0.0018	0.006
40209252		18	89	10	<1	9	7	16	118	0.002	0.0012	0.004
40209253		19	55	20	2	<1	10	20	176	0.001	<0.0005	<0.001
40209254		18	48	20	1	<1	9	20	170	0.001	<0.0005	<0.001
40209255		18	52	20	1	<1	8	21	174	0.001	<0.0005	<0.001
40209256		18	54	20	1	<1	12	21	175	0.001	<0.0005	<0.001
40209257		19	63	20	2	1	7	21	174	0.001	<0.0005	<0.001
40209258		23	85	10	1	4	7	23	166	0.001	<0.0005	<0.001
40209259		20	129	20	1	21	8	19	128	0.002	0.0013	0.004
40209260		140	588	<10	2	1895	59	10	201	0.013	0.0059	0.004
40209261		22	130	20	<1	19	4	12	84	0.002	0.0019	0.006
40209262		21	123	20	<1	16	2	12	81	0.002	0.0016	0.006
40209263		20	128	20	<1	15	<2	11	75	0.002	0.0016	0.006

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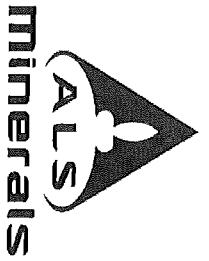
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 Finalized Date: 23-SEP-2014
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Sample Description	Method Analyte Units LOR	WEI-21 Rec'd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40209264		6.83			53.5	19.90	7.86	8.58	3.87	1.59	1.35	<0.01	1.54	0.09	0.25	0.09
40209264 CRD		<0.02			53.7	20.2	7.87	8.36	4.26	1.58	1.40	<0.01	1.58	0.09	0.27	0.10
40209265		6.80			53.0	21.0	7.87	8.97	4.20	1.60	1.15	<0.01	1.54	0.09	0.25	0.09
40209266		1.07			52.8	20.5	8.49	8.93	4.14	1.75	1.13	<0.01	1.71	0.10	0.25	0.09
40209267		4.68			52.8	20.8	8.14	8.93	4.21	1.67	1.19	<0.01	1.62	0.09	0.25	0.09
40209268		6.73			52.3	19.95	8.93	8.84	4.07	1.84	1.06	<0.01	1.81	0.10	0.27	0.08
40209269		1.28			51.9	18.95	8.68	8.37	4.07	1.83	1.05	0.01	1.84	0.10	0.28	0.09
40209270		0.53			46.2	17.00	10.90	8.03	2.37	9.45	0.43	0.03	1.07	0.13	1.07	0.04
40209271		6.47			52.7	19.30	8.88	8.42	4.19	1.90	1.12	<0.01	1.85	0.10	0.29	0.09
40209272		6.61	77.2	89.4	53.3	19.20	9.24	8.52	4.17	1.95	1.13	<0.01	1.98	0.11	0.30	0.09
40209273		1.11			52.0	18.05	9.69	8.27	3.95	2.04	1.08	<0.01	2.05	0.11	0.31	0.08
40209274		4.60			52.9	18.30	10.20	8.33	4.02	2.15	1.19	<0.01	2.14	0.12	0.32	0.09
40209275		6.10			51.5	17.60	10.00	8.09	3.83	2.13	1.20	<0.01	2.14	0.12	0.32	0.08
40209276		2.10			52.1	17.45	10.65	7.63	3.77	2.26	1.83	<0.01	2.23	0.13	0.34	0.11
40209277		1.26			52.1	17.45	10.40	7.86	3.73	2.24	1.64	<0.01	2.23	0.12	0.34	0.10
40209278		6.38			53.0	17.80	10.65	7.66	3.76	2.27	1.89	<0.01	2.26	0.13	0.32	0.11
40209279		1.76			52.4	16.50	11.90	7.33	3.54	2.60	1.85	<0.01	2.59	0.14	0.38	0.09
40209280		6.58			36.9	3.10	13.55	2.00	0.22	3.15	0.15	0.59	0.26	0.16	0.04	0.01
40209281		6.58			51.0	14.10	14.30	6.90	3.30	3.07	1.61	<0.01	3.07	0.17	0.42	0.07
40209282		2.48			51.0	13.20	16.05	6.88	3.36	3.41	1.66	<0.01	3.52	0.20	0.48	0.06
40209283		0.62			49.9	13.45	15.80	6.87	3.16	3.44	1.47	0.01	3.48	0.18	0.43	0.06
40209284		2.19			52.1	15.95	12.15	6.38	3.39	2.70	2.43	<0.01	2.60	0.16	0.38	0.10
40209284 CRD		<0.02			51.5	16.40	12.40	6.56	3.34	2.80	2.42	<0.01	2.56	0.15	0.38	0.10
40209285		1.10			51.3	16.75	11.75	6.29	3.37	2.73	2.98	<0.01	2.47	0.15	0.35	0.09
40209286		1.69			47.7	12.65	16.80	7.07	2.94	4.12	1.03	<0.01	3.74	0.21	0.44	0.04
40209287		0.91			50.2	13.20	17.20	7.40	3.02	4.29	1.08	0.01	3.63	0.20	0.41	0.05
40209288		1.10			49.1	12.80	15.60	6.43	2.87	3.99	1.33	0.01	3.15	0.17	0.36	0.05
40209289		2.81			52.1	16.45	12.55	6.15	3.03	2.93	2.59	<0.01	2.41	0.14	0.39	0.10
40209290		0.49			45.5	16.95	11.75	9.28	2.13	10.80	0.36	0.03	0.98	0.15	0.12	0.03
40209291		3.18			49.8	12.35	17.35	7.33	2.98	3.92	1.35	<0.01	3.80	0.20	0.45	0.05
40209292		4.00			49.3	13.50	16.35	6.26	2.92	4.36	1.59	0.01	3.43	0.18	0.35	0.05
40209293		3.59			49.8	13.45	16.95	7.35	3.14	4.36	1.13	0.01	3.54	0.20	0.38	0.06
40209294		3.42			49.6	13.20	17.40	7.35	3.06	4.40	1.22	<0.01	3.73	0.21	0.40	0.05
40209295		3.22			49.0	13.00	16.95	7.51	2.98	4.36	0.91	<0.01	3.73	0.22	0.41	0.05
40209296		1.43			50.1	13.25	17.05	7.30	3.02	4.25	1.01	<0.01	3.68	0.21	0.39	0.05
40209297		1.94			49.1	12.85	17.05	7.56	2.78	4.30	0.76	<0.01	3.71	0.21	0.42	0.05
40209298		3.26			48.8	12.90	16.85	6.92	2.71	4.29	1.17	<0.01	3.70	0.21	0.41	0.05
40209299		2.86			48.7	12.55	16.70	6.68	2.24	4.36	1.56	<0.01	3.65	0.20	0.40	0.04
40209300		0.20			36.1	3.12	13.75	2.10	0.23	31.7	0.15	0.60	0.28	0.17	0.04	<0.01
40209301		2.18			48.1	12.80	16.10	6.67	2.76	4.20	1.20	<0.01	3.60	0.26	0.40	0.04

***** See Appendix Page for comments regarding this certificate *****



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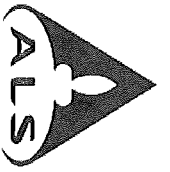
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 Account: KAV

Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40209264		0.04	0.02	0.04	382	42.1	10	1.52	4.18	2.25	1.87	26.2	5.35	3.7	0.79	18.7
40209264 CRD		0.04	0.01	0.04	380	42.6	10	1.52	4.08	2.11	1.93	25.6	4.61	3.4	0.79	18.8
40209265		0.03	0.01	0.04	261	41.4	10	1.18	4.27	1.99	1.93	26.2	4.88	3.1	0.78	18.2
40209266		0.03	0.02	0.04	255	40.6	10	1.12	3.85	1.97	1.77	24.8	4.93	3.2	0.75	17.7
40209267		0.03	0.01	0.04	279	45.1	10	1.25	4.01	2.16	1.81	26.2	5.09	3.4	0.73	19.7
40209268		0.03	0.01	0.05	263	44.5	10	1.64	4.42	2.18	2.01	25.4	5.43	3.5	0.84	19.5
40209269		0.03	0.01	0.06	264	44.4	70	1.55	4.53	2.38	1.98	26.4	5.52	3.7	0.86	19.7
40209270		0.02	0.02	0.05	149.5	22.3	220	1.73	3.38	1.92	1.06	18.9	3.15	2.1	0.62	10.0
40209271		0.03	0.01	0.05	264	45.7	10	1.56	4.38	2.39	2.05	25.9	5.21	3.8	0.83	20.4
40209272		0.03	0.01	0.05	285	45.9	10	1.49	4.77	2.30	2.14	24.8	5.87	3.7	0.94	20.3
40209273		0.03	0.03	0.05	298	49.4	10	1.89	5.16	2.51	2.07	24.5	6.15	4.0	0.98	21.7
40209274		0.03	0.01	0.05	297	50.3	10	1.78	4.95	2.37	2.15	26.2	6.00	4.0	0.97	22.0
40209275		0.03	0.01	0.05	308	50.4	20	1.88	5.08	2.46	2.21	25.4	6.32	4.1	1.01	22.1
40209276		0.03	0.02	0.05	305	54.1	10	1.83	5.46	2.80	2.23	26.3	6.31	4.5	1.07	23.9
40209277		0.03	0.02	0.08	286	52.9	10	2.03	5.08	2.55	2.13	25.8	6.12	4.3	1.04	23.2
40209278		0.05	0.01	0.07	455	55.0	10	2.13	5.34	2.74	2.35	26.4	6.41	4.5	0.99	24.1
40209279		0.08	0.02	0.07	696	59.1	10	3.18	5.82	3.09	2.30	24.5	6.76	4.9	1.10	26.0
40209280		0.08	0.22	0.32	760	6.9	4340	0.25	0.75	0.46	0.23	4.3	0.76	0.8	0.16	3.3
40209281		0.08	0.02	0.08	702	71.1	10	3.95	7.32	3.84	2.66	25.3	8.15	5.9	1.38	31.0
40209282		0.09	0.02	0.07	717	74.5	30	2.96	7.52	3.95	2.80	24.5	9.02	6.4	1.45	32.8
40209283		0.07	0.01	0.06	677	74.0	50	3.65	7.88	4.24	2.78	26.4	9.13	6.8	1.56	31.4
40209284		0.13	0.01	0.06	1185	64.2	10	2.26	6.13	3.10	2.45	26.3	7.50	5.2	1.23	27.9
40209284 CRD		0.14	0.01	0.06	1205	64.2	10	2.38	6.45	3.51	2.43	26.4	7.46	5.9	1.21	28.0
40209285		0.14	0.03	0.06	1240	59.2	10	2.58	5.86	2.80	2.33	21.9	6.94	5.0	1.10	26.1
40209286		0.05	0.02	0.11	466	77.1	50	4.48	8.15	4.27	2.81	22.7	9.84	7.2	1.55	34.1
40209287		0.06	0.02	0.20	471	74.8	40	2.85	7.39	3.73	2.78	22.1	9.00	6.7	1.35	33.1
40209288		0.06	0.02	0.25	534	73.0	40	3.96	6.96	3.51	2.70	22.1	8.43	6.6	1.35	32.4
40209289		0.11	0.02	0.52	939	69.2	20	2.30	6.15	3.09	2.66	22.6	7.72	5.8	1.21	30.6
40209290		0.01	0.02	0.05	123.0	20.3	210	2.03	2.83	1.02	1.02	15.6	2.96	2.1	0.56	9.2
40209291		0.06	0.02	0.10	482	83.9	20	3.74	8.33	4.09	3.19	22.9	10.35	7.8	1.57	36.7
40209292		0.07	0.03	0.35	616	70.9	50	3.93	6.75	3.53	2.53	22.1	8.27	6.4	1.39	31.4
40209293		0.06	0.01	0.06	509	73.5	40	3.88	7.31	3.57	2.86	23.0	8.77	6.9	1.40	32.5
40209294		0.07	0.02	0.05	589	73.3	40	4.16	7.34	3.84	2.77	22.5	8.78	6.7	1.37	32.3
40209295		0.06	0.04	0.06	463	74.8	40	4.16	7.48	3.60	2.82	22.4	9.15	6.8	1.39	33.0
40209296		0.04	0.04	0.17	361	77.2	40	5.00	7.34	3.89	2.79	22.7	9.02	7.1	1.39	34.3
40209297		0.05	0.03	0.10	395	76.8	40	3.68	7.54	3.77	2.80	22.4	9.16	7.0	1.39	33.7
40209298		0.07	0.09	0.33	621	76.5	40	2.81	7.36	3.61	2.92	22.4	8.96	7.1	1.44	33.3
40209299		0.08	0.07	0.35	696	73.0	40	2.00	7.35	3.65	2.70	21.9	8.96	6.8	1.40	32.6
40209300		0.08	0.23	0.36	701	6.5	4300	0.16	0.77	0.46	0.23	4.0	0.80	0.5	0.15	3.3
40209301		0.05	0.12	0.17	422	75.1	40	4.05	7.39	3.67	2.65	22.3	9.22	6.7	1.43	33.2

***** See Appendix Page for comments regarding this certificate *****



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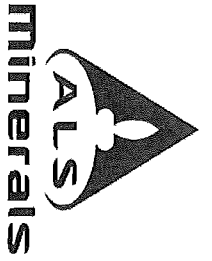
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 Finalized Date: 23-SEP-2014
 Account: KAV

Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm	ME-MS81 TI ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40209264		0.24	11.1	23.5	5.30	44.0	5.51	1	793	0.7	0.75	2.60	<0.5	0.33	0.63	121
40209264 CRD		0.24	11.5	22.6	5.19	43.7	5.14	1	795	0.8	0.68	2.31	<0.5	0.29	0.61	124
40209265		0.24	11.0	22.4	4.99	38.1	5.10	1	775	0.8	0.71	2.30	<0.5	0.30	0.57	125
40209266		0.23	10.7	21.4	5.06	33.8	5.12	1	721	0.7	0.65	2.25	<0.5	0.28	0.60	133
40209267		0.25	11.9	24.2	5.37	40.2	5.15	1	800	0.7	0.73	2.86	<0.5	0.30	0.66	134
40209268		0.25	12.6	23.5	5.42	32.7	5.45	1	727	0.8	0.73	2.43	<0.5	0.31	0.67	151
40209269		0.26	13.2	24.9	5.56	33.9	5.62	1	735	0.8	0.78	2.67	<0.5	0.33	0.72	157
40209270		0.25	5.8	11.4	2.62	12.9	3.08	1	279	0.4	0.52	1.00	<0.5	0.28	0.25	127
40209271		0.25	12.5	23.9	5.70	35.9	5.66	1	739	0.8	0.74	2.61	<0.5	0.33	0.71	163
40209272		0.27	13.1	25.2	5.70	34.3	5.84	1	720	0.9	0.80	2.76	<0.5	0.36	0.75	161
40209273		0.31	14.0	26.6	6.08	31.7	6.24	2	674	0.9	0.81	2.89	<0.5	0.35	0.72	168
40209274		0.29	14.7	28.3	6.29	35.7	6.69	1	710	1.0	0.86	2.84	<0.5	0.36	0.71	180
40209275		0.29	14.9	27.6	6.33	36.8	6.13	1	698	1.0	0.85	2.97	<0.5	0.43	0.76	192
40209276		0.34	15.6	30.6	6.72	64.6	6.53	1	908	1.0	0.93	3.08	<0.5	0.36	0.78	198
40209277		0.29	15.5	30.1	6.55	55.8	6.38	1	878	1.0	0.87	2.94	<0.5	0.38	0.79	191
40209278		0.31	16.2	30.7	6.83	62.4	6.86	1	882	1.0	0.89	2.94	<0.5	0.39	0.82	198
40209279		0.35	17.4	32.3	7.18	61.9	7.27	2	754	1.1	1.01	3.28	<0.5	0.46	0.83	225
40209280		0.05	1.3	3.6	0.84	2.9	0.94	1	49.8	0.1	0.12	0.12	<0.5	0.05	0.12	86
40209281		0.43	20.6	38.4	8.75	56.5	8.98	2	602	1.3	1.25	4.08	<0.5	0.54	1.18	302
40209282		0.48	22.4	41.6	9.32	54.0	9.67	2	525	1.4	1.35	4.35	<0.5	0.61	1.27	304
40209283		0.42	24.3	40.0	9.11	53.4	9.49	3	517	1.5	1.29	4.41	<0.5	0.59	1.21	371
40209284		0.36	18.3	34.1	7.90	87.2	7.89	2	853	1.2	1.12	3.65	<0.5	0.45	0.94	233
40209284 CRD		0.38	19.0	35.0	7.86	87.4	7.71	2	850	1.3	1.06	3.95	<0.5	0.45	1.09	238
40209285		0.37	17.9	31.9	7.71	105.5	7.62	2	821	1.0	0.97	3.60	<0.5	0.42	1.04	227
40209286		0.55	26.1	42.5	10.05	37.3	9.84	3	377	1.5	1.36	4.51	<0.5	0.59	1.41	413
40209287		0.48	25.7	41.0	9.82	40.9	9.04	2	450	1.5	1.24	4.10	<0.5	0.52	1.28	414
40209288		0.45	24.5	39.3	9.51	52.7	8.79	3	476	1.5	1.17	4.61	<0.5	0.50	1.56	386
40209289		0.40	21.8	37.5	8.93	92.0	8.20	2	853	1.2	1.09	4.07	0.5	0.46	1.35	244
40209290		0.23	5.8	11.4	2.65	9.3	2.53	1	260	0.2	0.24	0.90	<0.5	0.22	0.24	133
40209291		0.52	30.0	45.8	11.00	48.0	10.65	4	469	1.8	1.43	4.64	<0.5	0.56	1.37	398
40209292		0.42	24.6	38.6	9.25	60.2	8.67	2	486	1.4	1.17	4.44	<0.5	0.50	1.89	432
40209293		0.48	26.0	40.6	9.55	42.1	9.02	2	512	1.6	1.27	4.21	<0.5	0.51	1.30	422
40209294		0.42	26.5	40.4	9.58	43.9	9.18	2	495	1.5	1.22	4.07	<0.5	0.51	1.26	419
40209295		0.45	26.4	40.5	9.68	35.0	9.39	2	460	1.6	1.24	4.13	<0.5	0.55	1.25	420
40209296		0.47	25.9	42.4	10.05	39.9	9.57	2	434	1.5	1.31	4.67	<0.5	0.53	1.87	419
40209297		0.46	26.4	41.6	9.95	30.3	9.57	2	434	1.5	1.28	4.18	<0.5	0.53	1.50	428
40209298		0.44	32.2	41.6	9.90	41.2	9.17	2	431	1.5	1.33	4.32	<0.5	0.52	1.25	427
40209299		0.46	26.8	39.9	9.46	57.2	8.80	2	386	1.5	1.22	4.09	0.6	0.49	1.23	423
40209300		0.07	1.7	3.3	0.81	2.8	0.72	1	50.7	<0.1	0.13	0.51	<0.5	0.06	0.14	90
40209301		0.47	26.5	41.7	9.85	36.2	9.56	2	415	1.5	1.29	4.34	<0.5	0.54	1.40	420

***** See Appendix Page for comments regarding this certificate *****



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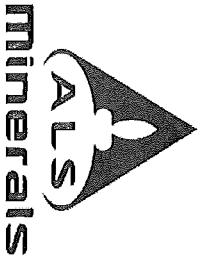
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CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS91 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40209264		1	19.6	1.61	133	0.9	0.01	<0.005	<0.05	0.8	<0.01	1.43	100.09	<0.5	<5	<0.5
40209264 CRD		4	19.4	1.64	135	1.0	0.02	<0.005	<0.05	0.7	<0.01	1.37	100.82	<0.5	<5	<0.5
40209265		1	19.2	1.60	124	0.9	0.01	<0.005	<0.05	0.8	0.01	1.66	101.45	<0.5	<5	<0.5
40209266		1	18.8	1.68	125	1.0	0.01	<0.005	<0.05	0.7	<0.01	1.55	101.47	<0.5	<5	<0.5
40209267		2	20.4	1.69	133	0.9	0.01	<0.005	<0.05	0.7	<0.01	1.25	101.07	<0.5	<5	<0.5
40209268		1	20.9	1.72	140	0.9	0.01	<0.005	<0.05	0.8	0.01	1.18	100.46	<0.5	<5	<0.5
40209269		<1	21.2	1.93	144	0.9	0.01	<0.005	<0.05	0.8	0.01	1.18	98.38	<0.5	<5	<0.5
40209270		1	16.0	1.55	81	0.1	0.01	<0.005	<0.05	0.5	0.01	1.30	98.10	<0.5	<5	<0.5
40209271		1	21.1	1.90	138	1.8	0.02	<0.005	<0.05	0.8	<0.01	1.29	100.16	<0.5	<5	<0.5
40209272		1	22.0	2.01	145	0.9	0.03	<0.005	<0.05	0.8	0.01	1.27	101.29	<0.5	<5	<0.5
40209273		3	23.7	2.14	152	0.9	0.03	<0.005	<0.05	0.8	<0.01	1.02	98.68	<0.5	<5	<0.5
40209274		1	24.4	2.10	156	0.8	0.03	<0.005	<0.05	0.8	0.01	1.22	101.01	<0.5	<5	<0.5
40209275		5	24.1	2.23	157	0.8	0.03	<0.005	<0.05	0.8	0.01	1.25	98.27	<0.5	<5	<0.5
40209276		1	26.1	2.33	166	8.3	0.02	<0.005	0.05	0.8	0.01	1.96	100.49	<0.5	9	<0.5
40209277		1	25.9	2.26	170	3.4	0.02	<0.005	<0.05	0.8	0.01	1.70	99.94	<0.5	6	<0.5
40209278		1	26.2	2.19	169	2.5	0.03	<0.005	<0.05	0.9	<0.01	1.55	101.45	<0.5	<5	<0.5
40209279		2	28.2	2.38	184	1.1	0.03	<0.005	0.05	0.9	0.01	1.14	100.54	<0.5	<5	<0.5
40209280		2	4.1	0.40	33	1.3	0.11	0.015	0.48	1.2	0.14	10.55	99.11	1.4	<5	1.1
40209281		1	34.9	2.90	236	1.6	0.04	<0.005	0.07	1.0	0.01	1.17	99.26	<0.5	<5	<0.5
40209282		2	37.1	3.30	243	1.6	0.05	<0.005	0.10	1.1	0.01	1.14	101.05	<0.5	<5	<0.5
40209283		1	37.4	3.38	253	2.0	0.06	<0.005	0.11	1.0	0.01	0.98	99.30	<0.5	<5	0.5
40209284		1	30.5	2.50	201	1.7	0.03	<0.005	0.06	0.8	0.01	1.52	99.99	<0.5	<5	<0.5
40209284 CRD		2	31.0	2.55	214	1.7	0.04	<0.005	0.07	0.9	0.01	1.55	100.30	<0.5	<5	<0.5
40209285		4	28.2	2.51	200	1.6	0.05	0.005	0.07	0.9	<0.01	1.65	100.02	<0.5	<5	<0.5
40209286		<1	40.9	3.71	288	3.5	0.06	<0.005	0.14	1.2	0.01	1.36	98.15	<0.5	<5	0.6
40209287		<1	35.9	3.09	272	21.9	0.04	<0.005	0.26	1.1	0.01	1.02	101.77	<0.5	20	<0.5
40209288		<1	34.4	2.88	265	16.5	0.05	<0.005	0.25	1.0	0.01	1.41	97.33	<0.5	17	0.5
40209289		<1	30.7	2.68	230	3.1	0.04	<0.005	0.30	1.2	0.01	1.97	100.92	<0.5	<5	<0.5
40209290		<1	14.9	1.51	82	0.2	0.01	<0.005	<0.05	0.4	0.01	1.90	99.99	<0.5	<5	<0.5
40209291		<1	41.2	3.45	311	2.2	0.04	<0.005	0.16	1.3	<0.01	0.94	100.58	<0.5	<5	<0.5
40209292		<1	34.3	3.08	246	4.1	0.04	<0.005	0.23	1.1	0.01	1.65	100.02	<0.5	6	0.5
40209293		<1	36.3	3.19	269	1.9	0.04	<0.005	0.13	1.0	0.01	1.04	101.47	<0.5	<5	<0.5
40209294		1	36.2	3.02	267	1.9	0.04	<0.005	0.12	1.0	<0.01	1.04	101.73	<0.5	5	<0.5
40209295		<1	36.7	3.21	272	1.9	0.04	<0.005	0.12	1.0	<0.01	1.18	100.36	<0.5	<5	<0.5
40209296		<1	37.1	3.15	281	2.9	0.05	<0.005	0.15	1.0	0.01	1.34	101.69	<0.5	<5	<0.5
40209297		<1	37.1	3.21	273	2.9	0.04	<0.005	0.25	1.2	0.01	1.72	100.56	<0.5	<5	<0.5
40209298		2	36.8	3.17	270	2.6	0.04	<0.005	0.45	1.3	0.01	2.12	100.20	<0.5	7	<0.5
40209299		<1	35.8	3.06	265	1.6	0.05	<0.005	0.52	1.3	0.01	2.32	99.48	<0.5	<5	<0.5
40209300		<1	4.1	0.45	21	1.8	0.11	0.014	0.63	1.4	0.18	10.75	99.07	0.9	<5	1.2
40209301		<1	36.4	3.22	276	4.1	0.06	0.013	0.46	1.2	0.01	2.19	98.37	<0.5	<5	<0.5



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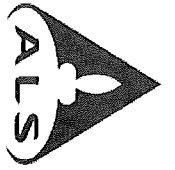
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Project: EB80002797

CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40209264		20	127	30	<1	15	2	10	77	0.002	0.0015	0.006
40209264 CRD		19	121	20	<1	15	<2	10	74	0.002	0.0017	0.007
40209265		19	123	20	<1	15	<2	10	73	0.002	0.0021	0.008
40209266		22	136	30	<1	19	2	11	83	0.002	0.0018	0.006
40209267		20	130	20	<1	15	2	10	73	0.002	0.0016	0.007
40209268		23	149	20	<1	19	3	12	80	0.002	0.0019	0.007
40209269		24	154	20	<1	22	<2	13	85	0.003	0.0025	0.008
40209270		57	117	20	<1	299	<2	16	84	0.002	0.0047	0.007
40209271		24	153	20	<1	21	<2	13	86	0.003	0.0021	0.008
40209272		24	154	20	<1	21	4	14	87	0.002	0.0021	0.007
40209273		26	170	20	<1	20	<2	15	89	0.003	0.0025	0.007
40209274		27	172	20	<1	23	2	16	96	0.003	0.0035	0.008
40209275		27	178	20	<1	22	<2	16	98	0.003	0.0025	0.007
40209276		27	175	30	<1	23	<2	16	110	0.003	0.0027	0.008
40209277		28	190	30	<1	24	<2	16	97	0.003	0.0027	0.008
40209278		27	189	20	<1	24	<2	17	113	0.003	0.0031	0.007
40209279		32	219	20	<1	29	2	19	98	0.003	0.0031	0.008
40209280		136	546	<10	2	1855	58	9	199	0.015	0.0068	0.004
40209281		39	262	20	<1	48	<2	23	130	0.004	0.0041	0.012
40209282		43	307	20	1	43	5	26	163	0.004	0.0038	0.010
40209283		47	304	20	<1	62	4	25	163	0.005	0.0051	0.019
40209284		36	228	20	<1	32	<2	21	129	0.003	0.0031	0.008
40209284 CRD		32	214	20	<1	30	3	19	122	0.003	0.0030	0.009
40209285		31	197	20	<1	29	3	17	140	0.003	0.0028	0.007
40209286		47	322	20	<1	66	6	26	180	0.006	0.0053	0.017
40209287		50	262	20	<1	70	5	26	142	0.006	0.0027	0.011
40209288		47	273	20	<1	72	2	24	196	0.005	0.0026	0.011
40209289		33	195	20	<1	37	3	18	126	0.003	0.0017	0.008
40209290		64	125	10	<1	345	<2	17	97	0.002	0.0044	0.007
40209291		47	295	20	1	46	4	27	157	0.004	0.0033	0.013
40209292		51	258	20	1	82	6	26	188	0.003	0.0030	0.012
40209293		50	264	20	<1	82	5	25	162	0.004	0.0028	0.012
40209294		49	272	20	1	81	4	24	150	0.004	0.0027	0.012
40209295		50	280	10	<1	83	13	26	162	0.004	0.0030	0.012
40209296		50	272	20	2	77	9	26	173	0.004	0.0028	0.011
40209297		51	274	20	<1	75	4	27	163	0.003	0.0025	0.010
40209298		51	261	20	<1	76	4	26	167	0.003	0.0027	0.011
40209299		49	276	30	<1	73	4	26	162	0.003	0.0033	0.011
40209300		141	560	<10	1	1890	56	10	204	0.015	0.0057	0.004
40209301		52	311	20	1	80	7	28	178	0.003	0.0027	0.012

***** See Appendix Page for comments regarding this certificate *****



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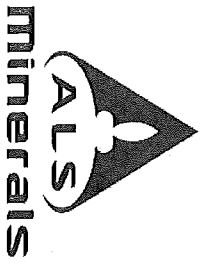
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CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passztrm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40209302		2.81	0.02	0.01	48.8	12.40	16.20	6.19	2.49	4.23	1.77	<0.01	3.59	0.22	0.38	0.03
40209303		2.72			49.4	13.25	16.85	7.27	2.71	4.42	1.12	<0.01	3.58	0.22	0.38	0.04



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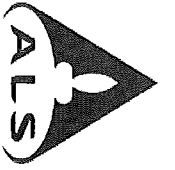
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CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40209302		0.07	0.40	0.12	624	68.4	40	2.28	6.79	3.29	2.41	20.5	8.27	6.8	1.32	30.0
40209303		0.06	0.09	0.21	528	71.8	40	2.68	7.15	3.81	2.73	22.5	8.50	6.9	1.40	31.6

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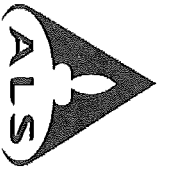
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CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40209302		0.42	25.1	36.8	8.92	62.3	8.39	2	331	1.5	1.16	3.79	0.5	0.47	1.11	404
40209303		0.46	25.1	39.8	9.36	38.5	8.85	2	409	1.5	1.22	4.22	<0.5	0.51	1.51	420



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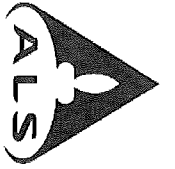
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CERTIFICATE OF ANALYSIS TB14136622

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	OA-GRAD5 LOI % 0.01	TOT-ICP06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5
40209302		1	34.0	3.01	254	11.3	0.04	0.006	0.42	1.3	0.01	3.80	100.17	<0.5	8	<0.5
40209303		1	34.9	3.09	266	7.9	0.05	0.006	0.60	1.3	0.01	2.14	101.24	<0.5	10	0.5



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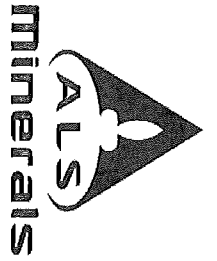
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001
40209302		48	260	50	1	76	5	25	150	0.002	0.0025	0.010
40209303		51	277	30	1	86	7	26	183	0.002	0.0026	0.011

***** See Appendix Page for comments regarding this certificate *****



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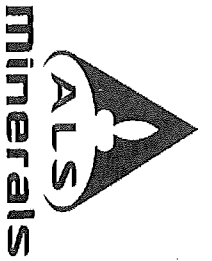
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CERTIFICATE OF ANALYSIS TB14136622

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-21d PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	CRU-QC PUL-32 SPL-21d	LOG-21 PUL-32d WEI-21
Applies to Method: C-IR07 ME-MS81 TOT-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME--4ACD81 OA--GRA05	ME-ICP06 PGM-MS24	ME-MS42 S-IR08



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 Finalized Date: 16-JAN-2014
 Account: KAV

CERTIFICATE TB13228478

Project: EB80000944
 P.O. No.: 3101202290
 This report is for 164 Drill Core samples submitted to our lab in Thunder Bay, ON,
 Canada on 19-DEC-2013.
 The following have access to data associated with this certificate:
 SUE DRIEBERG DAN FOLEY JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: JENNY GOLDNER
 224 NORTH 2200 WEST
 SALT LAKE CITY UT 84116
 USA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
CRU-32d	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

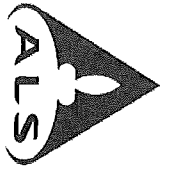
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Minerals

ALS Canada Ltd.
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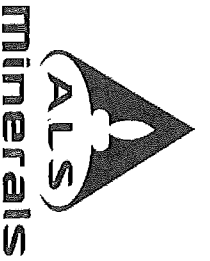
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CERTIFICATE OF ANALYSIS TB13228478

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Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40238150		0.70		91.4	50.7	15.00	9.65	11.15	2.22	7.84	0.33	0.03	0.60	0.15	0.04	0.04
40238151		2.69	91.3		43.2	12.10	14.10	7.15	1.56	17.65	0.33	0.07	1.10	0.17	0.13	0.02
40238152		2.11			43.9	15.85	12.65	8.74	1.81	13.90	0.35	0.30	1.05	0.16	0.12	0.03
40238153		2.18			44.1	17.00	11.45	9.59	1.87	11.60	0.44	0.12	1.04	0.15	0.11	0.03
40238154		2.09			45.3	19.65	9.84	10.25	2.09	9.17	0.63	0.06	0.97	0.12	0.11	0.04
40238155		1.64			45.6	18.45	10.65	9.79	2.16	9.49	0.81	0.07	1.26	0.14	0.16	0.04
40238156		2.01			40.2	18.55	11.40	9.01	1.69	9.28	0.40	0.55	1.04	0.13	0.09	0.04
40238157		1.94			42.3	18.00	10.25	10.40	1.79	9.30	0.45	0.55	0.93	0.13	0.10	0.04
40238158		2.82			44.7	16.95	11.65	9.68	2.14	9.32	0.44	0.34	1.37	0.15	0.16	0.03
40238159		2.03			44.8	14.55	13.55	8.97	1.94	12.45	0.41	0.07	1.26	0.17	0.15	0.03
40238160		0.16			36.5	3.09	13.80	2.09	0.24	32.3	0.11	0.59	0.26	0.16	0.03	<0.01
40238161		1.13			44.8	14.95	12.60	9.09	2.00	12.40	0.38	0.17	1.32	0.16	0.14	0.03
40238162		1.82			42.9	19.45	11.55	9.92	2.00	8.66	0.42	0.96	1.01	0.13	0.12	0.04
40238163		2.17			45.8	19.40	11.00	10.45	2.32	8.33	0.50	0.50	1.26	0.14	0.16	0.04
40238164		2.19			43.8	18.80	12.80	10.00	1.90	10.35	0.37	1.13	1.11	0.15	0.11	0.04
40238165		2.23			43.5	18.15	12.05	10.00	2.07	9.02	0.40	0.78	1.36	0.14	0.15	0.03
40238166		2.31			42.4	18.10	12.60	10.30	1.98	8.51	0.43	1.34	1.41	0.14	0.17	0.03
40238167		2.22			43.3	18.15	12.75	9.89	2.05	8.68	0.41	0.57	1.14	0.14	0.14	0.03
40238168		2.21			44.8	17.85	13.05	8.96	2.25	7.69	0.60	0.39	1.28	0.13	0.16	0.03
40238169		2.15			45.2	20.1	10.55	10.80	2.15	7.47	0.72	0.32	1.02	0.12	0.11	0.04
40238169 CRD		<0.02			45.4	20.2	10.55	10.85	2.17	7.33	0.74	0.32	1.04	0.12	0.12	0.04
40238170		0.50			52.1	15.00	10.10	11.70	2.22	8.50	0.32	0.03	0.56	0.16	0.04	0.04
40238171		2.22			46.4	18.65	11.80	10.45	2.35	8.13	0.51	0.13	1.35	0.15	0.14	0.03
40238172		2.32			44.6	18.55	10.55	10.40	2.14	7.37	0.63	0.20	1.41	0.14	0.14	0.04
40238173		2.17			43.9	17.90	11.95	10.20	2.11	7.19	0.78	0.14	1.35	0.15	0.17	0.04
40238174		2.35			44.6	18.80	11.10	10.45	2.27	6.45	0.78	0.19	1.37	0.13	0.16	0.04
40238175		2.41			45.7	18.45	11.55	10.15	2.42	6.97	0.70	0.18	1.46	0.14	0.18	0.04
40238176		2.15			45.1	19.50	10.90	10.00	2.11	6.92	1.11	0.16	1.23	0.13	0.15	0.05
40238177		2.24			44.9	19.45	10.75	10.95	2.09	6.85	0.77	0.22	1.32	0.13	0.15	0.05
40238178		2.21			45.1	21.3	9.70	11.00	2.20	6.88	0.55	0.09	0.94	0.10	0.11	0.05
40238179		2.11			44.8	18.75	11.20	10.00	2.01	7.22	1.37	0.03	1.28	0.14	0.14	0.06
40238180		0.16			36.8	3.14	14.00	2.08	0.23	32.7	0.10	0.63	0.27	0.16	0.14	0.01
40238181		1.81			44.5	19.00	10.70	9.15	1.56	6.27	2.55	0.03	1.26	0.14	0.15	0.09
40238182		2.31			44.4	19.50	10.30	8.03	1.80	6.68	2.40	0.03	1.15	0.14	0.16	0.11
40238183		2.07			45.6	18.75	10.45	11.95	1.86	6.08	1.47	0.03	1.10	0.13	0.12	0.07
40238184		2.22			43.8	17.65	15.05	8.36	2.12	7.20	1.36	0.03	1.27	0.15	0.17	0.07
40238185		2.33			46.1	18.80	13.00	9.38	2.45	6.69	1.12	0.03	1.40	0.15	0.15	0.06
40238186		2.24			45.8	18.10	13.05	8.72	2.36	6.35	1.65	0.03	1.66	0.15	0.19	0.07
40238187		2.11			42.9	15.95	11.55	10.70	0.66	7.47	2.80	0.02	1.43	0.15	0.16	0.07
40238188		2.12			46.4	17.90	12.75	9.04	2.50	7.14	1.18	0.05	1.58	0.16	0.17	0.06

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
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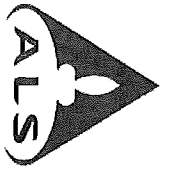
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CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40238150	0.02	0.10	0.12	0.05	154.5	12.9	220	0.17	1.84	1.03	0.73	17.4	1.89	1.1	0.40	6.5
40238151	0.01	0.02	0.05	0.05	122.0	21.1	510	0.94	2.93	1.70	0.89	14.3	3.07	2.0	0.63	9.4
40238152	0.01	0.02	0.04	0.04	130.0	21.4	2090	2.10	3.02	1.75	0.93	15.0	2.90	2.1	0.58	9.6
40238153	0.02	0.03	0.05	0.05	166.0	18.4	880	1.96	2.45	1.50	0.97	15.6	2.74	2.0	0.50	8.5
40238154	0.02	0.02	0.04	0.04	190.5	18.9	470	2.57	2.49	1.60	0.98	16.4	2.49	1.9	0.50	8.6
40238155	0.03	0.02	0.04	0.04	291	25.9	510	3.03	3.43	1.94	1.06	16.9	3.83	2.6	0.74	11.7
40238156	0.02	0.05	0.16	0.16	219	15.8	>10000	5.49	2.18	1.44	0.74	20.8	2.48	1.7	0.46	7.3
40238157	0.02	0.07	0.10	0.10	178.0	17.0	3900	3.40	3.17	1.37	0.86	17.0	2.31	1.7	0.53	7.5
40238158	0.02	0.03	0.06	0.06	166.0	25.4	2470	3.17	3.95	2.16	1.15	18.2	4.03	2.8	0.76	11.4
40238159	0.02	0.02	0.05	0.05	151.0	22.8	490	2.29	3.59	1.94	1.17	16.0	3.16	2.9	0.62	10.2
40238160	0.08	0.21	0.37	0.37	760	6.3	4360	0.26	0.87	0.50	0.19	4.8	0.60	0.6	0.17	2.9
40238161	0.02	0.02	0.05	0.05	143.5	24.1	1290	2.48	4.10	2.36	1.12	17.4	3.61	2.6	0.70	11.0
40238162	0.01	0.03	0.03	0.03	125.5	20.5	6870	3.37	2.81	1.88	1.01	20.8	2.86	1.9	0.53	9.2
40238163	0.02	0.03	0.07	0.07	155.5	27.1	3610	2.46	3.88	2.38	1.28	20.5	4.43	2.9	0.76	12.2
40238164	0.01	0.02	0.29	0.29	125.5	17.4	8060	1.93	2.77	1.48	0.94	19.9	2.75	2.1	0.50	7.9
40238165	0.01	0.03	0.24	0.24	129.0	24.7	5510	2.32	3.76	2.32	1.12	19.8	3.95	2.6	0.62	10.9
40238166	0.02	0.03	0.42	0.42	150.0	25.7	9650	2.32	3.77	2.21	1.16	22.6	3.97	2.8	0.84	11.6
40238167	0.02	0.03	0.89	0.89	136.5	23.3	4090	3.00	3.51	2.06	1.11	19.1	3.61	2.6	0.69	10.4
40238168	0.01	0.03	1.24	1.24	192.5	29.6	2760	3.81	4.17	2.30	1.28	19.0	4.57	3.4	0.71	13.6
40238169	0.02	0.01	0.42	0.42	158.0	20.7	2250	2.27	2.84	1.76	1.02	19.2	2.85	2.0	0.56	9.1
40238169 CRD	0.02	0.01	0.40	0.40	162.5	20.7	2350	2.38	3.07	1.67	1.08	19.1	3.42	2.1	0.61	9.1
40238170	0.02	0.09	0.14	0.14	156.0	12.0	230	0.14	1.90	0.89	0.69	16.2	1.88	1.0	0.30	5.9
40238171	0.02	0.01	0.22	0.22	154.0	25.6	970	2.43	3.78	2.05	1.34	18.8	4.11	2.6	0.67	11.3
40238172	0.02	0.13	0.13	0.13	150.0	22.4	1350	1.90	2.89	1.98	1.11	16.9	3.60	6.8	0.64	9.7
40238173	0.02	0.03	0.56	0.56	213	26.6	1020	2.98	4.12	2.52	1.37	19.1	4.48	3.0	0.80	12.8
40238174	0.02	0.03	0.31	0.31	178.0	27.5	1400	2.48	4.06	2.18	1.29	19.1	3.86	2.7	0.71	12.0
40238175	0.02	0.02	0.24	0.24	181.5	29.1	1300	2.09	4.42	2.22	1.38	19.8	4.58	3.1	0.84	13.1
40238176	0.04	0.03	0.27	0.27	411	26.2	1180	3.81	3.71	2.14	1.14	19.2	3.71	2.8	0.63	11.7
40238177	0.02	0.03	0.26	0.26	197.5	24.8	1660	2.30	3.59	1.93	1.08	19.6	3.73	2.7	0.68	11.0
40238178	0.01	0.02	0.62	0.62	131.5	19.0	660	2.15	2.99	1.71	1.13	18.4	2.74	1.7	0.50	8.7
40238179	0.06	0.03	0.57	0.57	516	23.8	260	2.65	3.41	1.80	1.13	17.8	3.62	2.6	0.67	10.6
40238180	0.08	0.22	0.37	0.37	715	6.0	4470	0.21	0.71	0.55	0.26	4.7	0.57	0.5	0.16	3.0
40238181	0.15	0.09	0.56	0.56	1455	26.3	220	4.52	3.71	2.34	1.06	19.4	3.80	2.9	0.69	12.0
40238182	0.17	0.04	0.29	0.29	1610	28.1	210	3.94	3.86	2.18	1.25	18.6	4.00	2.5	0.75	12.6
40238183	0.04	0.04	0.49	0.49	414	21.9	210	2.80	3.11	1.73	1.18	21.3	3.22	2.1	0.55	9.9
40238184	0.03	0.02	1.53	1.53	262	28.8	220	2.98	3.98	2.11	1.28	19.1	4.51	2.9	0.70	12.8
40238185	0.03	0.02	0.81	0.81	242	27.1	230	3.03	3.55	1.92	1.31	21.8	3.51	2.7	0.76	12.4
40238186	0.06	0.02	0.80	0.80	502	32.3	240	3.24	4.18	2.26	1.46	21.5	4.15	3.3	0.84	14.2
40238187	0.08	0.08	0.36	0.36	662	27.4	190	1.80	3.61	2.10	1.29	18.8	3.80	2.8	0.74	12.2
40238188	0.04	0.02	0.29	0.29	336	28.9	370	2.98	3.93	2.37	1.27	22.0	4.17	3.0	0.87	12.7

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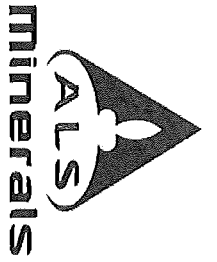
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Sample Description	Method Analyte Units LOR	ME-MSB1 Lu ppm 0.01	ME-MSB1 Nb ppm 0.2	ME-MSB1 Nd ppm 0.1	ME-MSB1 Pr ppm 0.03	ME-MSB1 Rb ppm 0.2	ME-MSB1 Sm ppm 0.03	ME-MSB1 Sn ppm 1	ME-MSB1 Sr ppm 0.1	ME-MSB1 Ta ppm 0.1	ME-MSB1 Tl ppm 0.01	ME-MSB1 Th ppm 0.05	ME-MSB1 Tl ppm 0.5	ME-MSB1 Tm ppm 0.01	ME-MSB1 U ppm 0.05	ME-MSB1 V ppm 5
40238150		0.15	2.4	7.2	1.70	6.5	1.92	<1	284	0.1	0.29	1.07	<0.5	0.14	0.16	207
40238151		0.23	6.2	12.2	2.78	8.9	2.84	1	180.5	0.3	0.47	0.87	<0.5	0.24	0.19	135
40238152		0.23	6.2	11.7	2.73	8.5	3.06	1	228	0.4	0.51	0.87	<0.5	0.26	0.20	111
40238153		0.22	5.5	10.5	2.45	13.1	2.80	1	282	0.3	0.41	0.79	<0.5	0.19	0.18	124
40238154		0.24	5.8	10.5	2.58	21.5	2.63	1	354	0.3	0.41	0.78	<0.5	0.19	0.19	117
40238155		0.24	7.9	14.2	3.35	29.1	3.59	1	366	0.5	0.58	1.04	0.7	0.26	0.38	147
40238156		0.16	4.6	8.8	2.01	14.3	2.15	1	267	0.3	0.37	0.72	0.8	0.18	0.24	108
40238157		0.20	5.0	9.7	2.18	13.2	2.47	1	303	0.3	0.39	0.75	0.6	0.18	0.18	109
40238158		0.31	8.4	14.8	3.35	13.7	3.79	1	281	0.4	0.61	1.08	<0.5	0.32	0.26	180
40238159		0.29	7.4	13.1	3.00	11.2	3.52	1	239	0.5	0.54	1.03	<0.5	0.33	0.29	167
40238160		0.05	1.4	3.5	0.77	3.7	0.64	1	49.7	0.1	0.10	0.54	<0.5	0.04	0.15	38
40238161		0.30	7.7	14.4	3.12	11.4	3.65	1	242	0.5	0.56	1.01	<0.5	0.24	0.22	188
40238162		0.19	6.0	11.7	2.60	13.6	2.92	1	191	0.3	0.53	0.71	<0.5	0.23	0.20	83
40238163		0.27	8.5	16.4	3.46	13.9	3.94	1	308	0.5	0.61	1.18	<0.5	0.31	0.30	107
40238164		0.22	5.6	9.6	2.29	10.8	2.73	1	269	0.3	0.49	0.76	<0.5	0.20	0.20	104
40238165		0.29	7.8	14.3	3.13	11.9	4.11	1	269	0.4	0.62	1.01	<0.5	0.28	0.26	162
40238166		0.30	8.3	15.8	3.40	14.3	4.10	1	248	0.5	0.63	1.12	<0.5	0.32	0.31	100
40238167		0.27	7.1	13.3	3.19	12.4	3.30	1	259	0.4	0.54	0.91	<0.5	0.29	0.28	123
40238168		0.30	9.0	15.7	3.89	22.5	4.19	1	256	0.6	0.69	1.80	<0.5	0.32	0.32	138
40238169		0.25	5.8	11.7	2.70	26.2	2.82	1	325	0.4	0.46	0.98	<0.5	0.25	0.15	118
40238169 CRD																
40238170		0.25	6.1	12.3	2.73	28.2	2.92	1	332	0.4	0.50	0.89	<0.5	0.24	0.24	135
40238171		0.16	2.4	6.9	1.52	5.4	1.77	<1	285	0.1	0.27	0.93	<0.5	0.14	0.14	207
40238171		0.32	7.9	15.1	3.39	17.3	3.64	1	307	0.5	0.63	1.04	<0.5	0.28	0.24	158
40238172		0.27	7.2	13.1	3.00	20.5	3.29	1	281	0.4	0.53	0.98	<0.5	0.28	0.31	153
40238173		0.29	8.9	16.0	3.70	31.0	4.20	1	318	0.5	0.68	1.21	<0.5	0.30	0.27	168
40238174		0.28	8.3	15.6	3.61	28.9	3.94	1	338	0.5	0.62	1.00	<0.5	0.31	0.29	174
40238175		0.35	9.2	17.2	3.94	23.8	4.49	1	316	0.5	0.67	1.26	<0.5	0.37	0.29	168
40238176		0.30	7.8	14.4	3.30	44.5	3.32	1	426	0.5	0.63	1.17	0.7	0.28	0.28	142
40238177		0.32	7.7	14.1	3.23	28.4	3.63	1	368	0.5	0.56	1.10	<0.5	0.30	0.27	152
40238178		0.20	5.8	11.0	2.46	18.7	2.70	1	380	0.3	0.45	0.80	<0.5	0.23	0.17	105
40238179		0.25	8.1	13.8	3.14	49.4	3.40	1	514	0.4	0.59	0.96	1.0	0.24	0.23	152
40238180		0.05	1.6	3.2	0.74	3.8	0.69	1	49.3	0.1	0.10	0.44	<0.5	0.05	0.10	31
40238181		0.30	8.2	14.6	3.58	99.1	3.95	1	736	0.5	0.58	1.07	1.1	0.28	0.28	135
40238182		0.31	8.2	15.6	3.63	85.9	3.79	1	912	0.5	0.59	1.30	1.6	0.30	0.38	119
40238183		0.22	6.9	12.2	2.90	55.9	3.00	1	569	0.4	0.48	0.93	1.0	0.25	0.16	144
40238184		0.31	9.2	16.2	3.86	50.1	4.15	2	546	0.5	0.71	1.24	0.8	0.33	0.33	149
40238185		0.27	8.0	15.3	3.66	35.3	3.84	1	512	0.4	0.59	1.15	0.6	0.30	0.26	164
40238186		0.33	9.7	18.1	4.05	53.0	4.55	2	613	0.5	0.70	1.36	0.9	0.34	0.34	179
40238187		0.31	8.6	15.6	3.57	73.7	3.95	2	516	0.5	0.61	1.19	1.1	0.28	0.26	146
40238188		0.31	8.6	16.3	3.74	37.1	4.08	1	477	0.5	0.69	1.39	0.8	0.31	0.34	186

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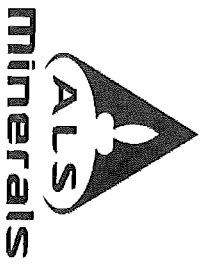
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CERTIFICATE OF ANALYSIS TB13228478

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238150	<1	9.1	0.88	0.03	36	<0.1	0.02	<0.005	<0.05	0.3	<0.01	0.61	98.38	<0.5	<5	<0.5
40238151	<1	15.6	1.52	0.05	81	0.3	0.01	<0.005	<0.05	0.6	0.02	1.73	99.32	<0.5	8	<0.5
40238152	<1	14.7	1.44	0.03	85	<0.1	0.01	0.006	<0.05	0.7	<0.01	1.72	100.59	<0.5	5	<0.5
40238153	<1	13.3	1.42	0.03	73	0.2	0.01	<0.005	<0.05	0.6	0.01	1.74	99.26	<0.5	6	<0.5
40238154	<1	13.2	1.32	0.03	74	<0.1	0.01	0.006	<0.05	0.5	0.01	1.94	100.19	<0.5	5	<0.5
40238155	<1	17.0	1.65	0.03	99	<0.1	0.01	0.012	<0.05	0.6	0.01	2.36	101.01	<0.5	<5	<0.5
40238156	<1	11.4	1.27	0.03	64	<0.1	0.09	0.034	<0.05	1.3	0.08	3.94	97.33	<0.5	<5	<0.5
40238157	<1	12.1	1.14	0.03	66	0.7	0.02	0.010	0.08	0.8	0.02	4.06	98.32	<0.5	<5	<0.5
40238158	<1	18.9	2.03	0.03	107	<0.1	0.01	0.007	<0.05	0.6	<0.01	1.84	98.79	<0.5	<5	<0.5
40238159	<1	17.7	1.80	0.03	106	0.1	0.01	0.005	<0.05	0.7	0.01	0.95	99.32	<0.5	6	<0.5
40238160	<1	4.0	0.54	0.03	19	1.5	0.11	0.024	0.38	1.3	0.15	10.45	99.70	1.5	<5	0.6
40238161	<1	18.2	1.83	0.03	102	0.3	0.01	0.005	<0.05	0.7	0.02	1.09	99.15	<0.5	<5	<0.5
40238162	<1	14.5	1.45	0.03	76	<0.1	0.17	0.006	<0.05	2.0	0.10	2.30	99.47	0.5	<5	<0.5
40238163	<1	19.4	1.94	0.03	116	<0.1	0.04	<0.005	<0.05	0.9	0.02	1.68	101.57	<0.5	<5	<0.5
40238164	<1	13.2	1.28	0.03	73	<0.1	0.08	<0.005	<0.05	1.4	0.07	1.21	101.78	<0.5	<5	<0.5
40238165	<1	18.1	1.64	0.03	110	0.1	0.06	0.005	<0.05	1.3	0.05	1.48	99.14	<0.5	<5	<0.5
40238166	<1	19.8	2.13	0.03	110	0.1	0.16	<0.005	<0.05	2.2	0.11	1.92	99.35	0.7	<5	<0.5
40238167	<1	17.2	1.73	0.03	95	<0.1	0.40	0.006	0.06	2.5	0.12	1.99	99.25	0.9	<5	<0.5
40238168	<1	19.6	1.93	0.03	118	0.8	0.2	0.008	0.13	2.5	0.12	2.43	99.64	0.7	<5	<0.5
40238169	<1	14.7	1.51	0.03	77	0.2	0.20	<0.005	0.06	1.2	0.05	1.87	100.49	<0.5	<5	<0.5
40238169 CRD																
40238169	<1	15.3	1.52	0.03	80	0.4	0.16	0.007	0.05	1.1	0.05	1.88	100.78	<0.5	<5	<0.5
40238170	<1	9.3	0.84	0.03	33	0.1	0.02	<0.005	<0.05	0.4	<0.01	0.76	101.54	<0.5	<5	<0.5
40238171	<1	18.7	1.96	0.03	101	0.3	0.10	<0.005	<0.05	1.3	0.04	1.18	101.30	<0.5	<5	<0.5
40238172	<1	16.4	1.72	0.03	291	0.2	0.34	0.008	<0.05	1.1	0.05	1.87	98.06	<0.5	<5	<0.5
40238173	<1	20.3	1.88	0.03	113	0.7	0.18	0.009	0.07	3.2	0.20	2.49	98.39	0.6	<5	<0.5
40238174	<1	19.0	1.85	0.03	107	<0.1	0.17	0.005	0.09	1.7	0.08	2.07	98.43	0.5	<5	<0.5
40238175	<1	21.3	2.43	0.03	117	0.4	0.07	0.006	<0.05	1.0	0.04	1.26	99.22	<0.5	<5	<0.5
40238176	<1	17.7	1.75	0.03	106	0.2	0.34	0.014	0.26	1.9	0.11	2.60	100.00	<0.5	5	<0.5
40238177	<1	18.4	1.89	0.03	104	0.3	0.29	0.009	0.06	1.4	0.11	2.15	99.79	<0.5	<5	<0.5
40238178	<1	13.1	1.16	0.03	73	<0.1	0.26	0.007	<0.05	3.0	0.20	1.63	99.46	0.9	<5	<0.5
40238179	<1	17.6	1.74	0.03	99	0.7	0.20	0.012	0.06	2.9	0.14	2.71	99.77	1.1	<5	<0.5
40238180	<1	3.8	0.36	0.03	17	1.5	0.10	0.025	0.38	1.2	0.14	10.65	100.89	1.2	<5	0.6
40238181	<1	18.0	1.75	0.03	110	0.9	0.17	0.026	0.13	2.4	0.09	4.84	100.39	0.7	5	<0.5
40238182	<1	19.1	1.77	0.03	110	0.2	0.13	0.028	0.06	1.9	0.07	4.35	99.22	0.6	<5	<0.5
40238183	<1	15.6	1.54	0.03	86	2.6	0.62	0.024	0.12	2.5	0.16	3.35	101.00	1.3	<5	<0.5
40238184	<1	19.6	1.99	0.03	114	19.5	1.94	0.020	0.65	4.4	0.35	1.93	99.19	2.6	25	1.1
40238185	<1	17.8	1.80	0.03	110	4.6	0.40	0.008	0.19	2.4	0.13	1.98	101.34	1.0	13	<0.5
40238186	<1	21.2	2.30	0.03	129	6.3	0.74	0.014	0.27	2.8	0.19	2.22	100.41	1.2	11	<0.5
40238187	<1	18.7	1.79	0.03	109	7.3	0.95	0.043	0.24	2.1	0.17	5.87	99.81	0.9	22	0.5
40238188	<1	19.5	2.03	0.03	114	0.8	0.11	0.011	0.06	1.3	0.04	1.50	100.47	<0.5	5	<0.5

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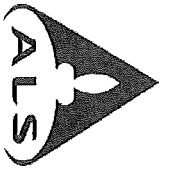
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 Account: KAV

Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40238150		48	50	<10	<1	51	2	33	62	<0.001	<0.0005	0.001				
40238151		93	117	10	<1	873	<2	18	107	0.002	0.0035	0.009				
40238152		78	121	20	<1	670	<2	16	96	0.002	0.0056	0.019				
40238153		70	137	30	<1	519	2	18	95	0.003	0.0074	0.017				
40238154		58	130	30	<1	367	<2	13	73	0.003	0.0089	0.009				
40238155		56	131	40	<1	385	<2	15	79	0.002	0.0044	0.007				
40238156		77	1080	40	<1	829	5	14	126	0.032	0.0557	0.285				
40238157		61	426	50	<1	566	<2	13	87	0.008	0.0168	0.101				
40238158		61	190	20	<1	392	4	20	98	0.003	0.0086	0.039				
40238159		77	187	20	<1	553	3	23	108	0.003	0.0056	0.018				
40238160		147	586	<10	2	1820	61	10	198	0.015	0.0064	0.004				
40238161		71	205	20	<1	552	<2	21	99	0.007	0.0129	0.105				
40238162		83	1870	30	<1	1230	6	15	112	0.040	0.0783	0.378				
40238163		58	227	20	<1	382	3	17	103	0.010	0.0157	0.091				
40238164		81	1270	20	<1	953	2	17	118	0.033	0.0879	0.368				
40238165		69	1090	20	<1	828	3	19	104	0.028	0.0913	0.259				
40238166		79	2170	20	<1	1380	2	21	124	0.054	0.242	0.764				
40238167		94	2990	30	<1	1530	10	19	119	0.045	0.0883	0.491				
40238168		111	2550	30	<1	1500	8	17	108	0.040	0.0827	0.323				
40238169		69	1020	30	<1	676	5	15	86	0.020	0.0353	0.172				
40238169 CRD																
40238170		68	1010	30	<1	663	2	15	90	0.022	0.0769	0.165				
40238171		51	66	10	<1	65	<2	35	64	<0.001	<0.0005	0.003				
40238171		60	881	20	<1	638	2	18	101	0.016	0.0284	0.161				
40238172		55	660	30	<1	514	3	18	100	0.021	0.0399	0.254				
40238173		66	3220	40	<1	1240	3	20	106	0.071	0.435	0.708				
40238174		59	1470	30	<1	1000	3	18	93	0.038	0.0553	0.475				
40238175		57	875	20	<1	569	5	19	102	0.017	0.0450	0.219				
40238176		55	1540	50	<1	820	<2	12	86	0.053	0.0916	0.496				
40238177		53	1470	40	<1	578	2	15	83	0.041	0.0687	0.450				
40238178		65	3490	30	<1	1430	3	10	72	0.082	0.1900	0.627				
40238179		66	3160	60	<1	1350	4	18	82	0.068	0.1410	0.662				
40238180		134	555	<10	1	1700	56	9	191	0.016	0.0057	0.004				
40238181		64	2390	100	<1	1330	5	15	83	0.055	0.213	0.583				
40238182		52	1570	90	<1	840	4	10	75	0.064	0.1175	0.682				
40238183		59	2990	50	<1	1330	10	16	75	0.100	0.1170	0.770				
40238184		119	5900	40	1	2280	21	15	108	0.161	0.245	>1.00				0.15
40238185		81	2580	30	<1	1160	10	15	94	0.058	0.0730	0.509				
40238186		78	3050	50	<1	1110	15	18	103	0.088	0.1020	0.671				
40238187		73	2340	130	<1	952	17	18	88	0.083	0.241	0.518				
40238188		63	1140	30	<1	571	6	20	96	0.020	0.0182	0.205				

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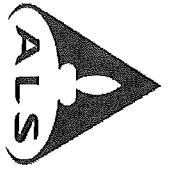
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03
40238150			
40238151			
40238152			
40238153			
40238154			
40238155			
40238156			
40238157			
40238158			
40238159			
40238160			
40238161			
40238162			
40238163			
40238164			
40238165			
40238166			
40238167			
40238168			
40238169			
40238169 CRD			
40238170			
40238171			
40238172			
40238173			
40238174			
40238175			
40238176			
40238177			
40238178			
40238179			
40238180			
40238181			
40238182			
40238183			
40238184		0.28	1.21
40238185			
40238186			
40238187			
40238188			

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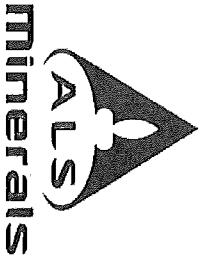
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Table with columns: Sample Description, Method Analyte Units, WEI-21 Recvd Wt. kg, CRU-QC Passzmm %, PUL-QC Pass75um %, ME-ICP06 SiO2 %, ME-ICP06 Al2O3 %, ME-ICP06 Fe2O3 %, ME-ICP06 CaO %, ME-ICP06 Na2O %, ME-ICP06 MgO %, ME-ICP06 K2O %, ME-ICP06 Cr2O3 %, ME-ICP06 TiO2 %, ME-ICP06 MnO %, ME-ICP06 P2O5 %, ME-ICP06 S %

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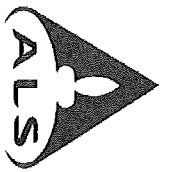
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40238189	0.04	0.01	0.01	0.36	335	35.8	200	2.17	4.83	2.79	1.58	22.5	4.91	3.8	1.01	15.8
40238189 CRD	0.04	0.01	0.01	0.35	334	36.0	190	2.19	4.94	2.73	1.56	22.6	5.24	3.7	1.02	16.0
40238190	0.02	0.10	0.11	0.11	151.0	13.0	240	0.17	1.72	0.95	0.69	17.5	1.88	1.1	0.40	6.2
40238191	0.09	0.05	0.05	1.34	765	30.7	200	3.38	4.04	2.39	1.39	21.3	4.23	3.1	0.80	13.6
40238192	0.05	0.06	0.06	1.56	452	27.9	200	2.49	3.24	1.83	1.19	20.0	3.45	2.7	0.68	12.5
40238193	0.01	0.15	0.15	2.58	94.8	9.8	2060	0.74	1.19	0.68	0.43	7.5	1.52	0.9	0.26	4.5
40238194	0.03	0.02	0.02	0.49	293	30.2	230	2.41	3.61	2.08	1.25	20.4	3.88	2.9	0.78	13.3
40238195	0.06	0.09	0.09	0.62	555	56.9	190	4.22	3.69	2.22	1.09	19.4	4.27	4.2	0.79	27.1
40238196	0.02	0.11	0.11	2.12	186.0	26.1	80	3.03	1.89	1.21	0.43	10.0	1.96	1.5	0.43	12.7
40238197	0.07	0.04	0.04	0.17	553	73.7	210	10.40	4.73	2.72	1.28	25.1	5.39	4.4	1.00	36.4
40238198	0.01	0.04	0.04	29.7	79.1	11.4	40	1.67	0.88	0.46	0.22	4.2	0.95	0.7	0.19	5.5
40238199	0.02	0.09	0.09	0.16	146.0	13.0	220	0.20	1.71	0.90	0.73	17.2	1.76	1.2	0.36	6.3
40238200	<0.01	0.08	0.08	35.4	2.8	2.1	470	0.09	0.11	0.04	0.05	1.1	0.21	<0.2	0.03	1.2
40238201	0.07	0.25	0.25	1.08	604	71.3	200	9.07	4.44	2.66	1.24	24.2	4.85	4.1	0.97	34.3
40238202	0.07	0.13	0.13	0.30	598	60.4	180	5.56	3.74	2.29	1.13	19.2	4.40	4.1	0.81	28.8
40238203	0.06	0.42	0.42	0.95	523	64.7	180	7.63	4.44	2.63	1.12	22.0	4.68	4.2	0.91	31.6
40238275	0.02	0.08	0.08	0.13	145.5	12.9	260	0.19	1.80	0.94	0.70	17.0	1.98	1.0	0.39	6.2
40238276	0.02	0.02	0.02	0.05	175.0	38.8	360	2.42	5.63	2.89	1.69	21.0	5.91	3.3	1.16	16.7
40238277	0.02	0.01	0.01	0.07	208	34.1	1540	1.88	4.81	2.54	1.60	21.9	5.30	3.1	0.96	14.8
40238278	0.01	0.02	0.02	0.05	110.0	18.7	1080	2.53	2.68	1.59	0.84	14.2	2.77	2.0	0.56	8.5
40238279	0.01	0.03	0.03	0.05	116.0	21.2	750	2.36	2.79	1.76	0.93	14.6	3.10	2.4	0.62	9.5
40238280	0.01	0.03	0.03	0.04	113.5	22.4	720	3.77	2.95	1.81	0.95	13.8	3.11	2.0	0.65	10.1
40238280 CRD	0.01	0.03	0.03	0.04	115.5	22.5	730	4.00	3.06	1.86	0.97	14.1	2.97	2.4	0.62	10.0
40238281	0.01	0.05	0.05	0.06	119.0	19.8	5590	3.28	2.71	1.53	0.82	18.6	2.70	1.9	0.58	8.8
40238282	0.02	0.03	0.03	0.05	143.5	21.3	1080	4.68	3.12	1.91	1.00	18.4	3.14	2.3	0.67	9.3
40238283	0.02	0.04	0.04	0.04	136.0	20.3	1490	4.98	2.59	1.53	0.91	18.1	2.88	2.0	0.55	8.9
40238284	0.03	0.23	0.23	0.04	722	30.0	1540	4.35	3.75	2.20	1.22	20.3	3.84	2.8	0.78	13.8
40238285	0.09	0.03	0.03	0.38	762	6.3	4650	0.25	0.66	0.41	0.23	5.1	0.73	0.5	0.17	2.9
40238286	0.03	0.04	0.04	0.03	266	18.0	570	3.25	2.24	1.49	0.90	19.8	2.37	1.8	0.45	8.0
40238287	0.02	0.03	0.03	0.04	207	23.9	1040	3.65	3.20	1.81	1.03	20.1	3.39	2.3	0.67	10.5
40238288	0.24	0.20	0.20	0.11	2080	22.2	4920	2.71	2.94	1.82	0.98	19.1	3.12	2.3	0.62	9.3
40238289	0.21	0.19	0.19	0.27	1990	21.0	3760	3.47	2.90	1.64	1.05	18.6	2.96	2.6	0.57	9.7
40238290	0.10	0.07	0.07	1.01	875	28.1	540	3.95	3.57	2.14	1.25	17.8	4.10	3.1	0.75	13.4
40238291	0.04	0.04	0.04	0.31	334	32.1	600	2.85	4.43	2.44	1.56	19.6	4.82	3.7	0.91	14.8
40238292	0.03	0.01	0.01	0.47	278	28.5	320	2.68	3.71	2.03	1.35	20.2	3.97	3.1	0.75	13.2
40238293	0.03	0.01	0.01	0.60	287	27.2	190	2.65	3.52	2.02	1.38	20.1	3.70	2.9	0.67	13.0
40238294	0.06	0.06	0.06	0.42	508	21.1	170	3.67	2.69	1.52	1.11	16.5	2.86	2.3	0.52	9.8
40238295	0.02	0.08	0.08	0.16	147.5	13.2	150	0.22	1.64	0.99	0.68	16.6	1.64	1.2	0.35	6.7
40238296	0.02	1.20	0.31	0.31	161.5	17.6	130	1.49	2.36	1.44	0.89	19.3	2.50	2.0	0.47	8.3
40238297	0.04	0.02	0.02	0.77	306	28.3	160	3.19	3.84	2.10	1.34	19.0	4.21	3.1	0.74	13.1

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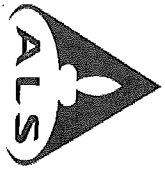
TO: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
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Project: EB80000944

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238189	1	23.9	2.56	147	9.3	0.55	0.010	0.41	1.6	0.08	0.96	101.93	0.8	12	<0.5	
40238189 CRD	<1	24.3	2.68	149	9.1	0.52	0.007	0.36	1.5	0.10	1.01	100.01	0.8	12	<0.5	
40238190	<1	9.0	0.93	39	<0.1	<0.005	<0.005	<0.05	0.3	0.01	0.85	101.01	<0.5	<5	<0.5	
40238191	<1	20.1	1.91	118	21.6	1.64	0.023	0.89	4.1	0.34	2.85	99.88	2.8	23	1.3	
40238192	<1	16.9	1.75	111	41.9	1.91	0.021	1.48	3.7	0.37	2.25	98.13	2.6	42	1.2	
40238193	<1	6.2	0.64	35	7.4	0.90	<0.005	0.19	10.5	2.28	8.85	96.48	2.4	10	0.6	
40238194	<1	18.4	1.86	116	6.5	0.58	0.006	0.34	1.9	0.12	1.68	99.52	0.8	13	<0.5	
40238195	1	20.3	2.26	167	12.2	0.11	0.162	0.94	1.7	0.05	3.67	99.35	2.2	16	<0.5	
40238196	1	10.7	1.32	63	>250	15.95	0.159	12.45	58.5	11.85	10.45	77.71	24.2	675	24.2	
40238197	2	23.8	2.71	161	18.3	0.21	0.216	0.81	1.4	0.04	4.56	101.60	2.7	24	1.0	
40238198	1	4.5	0.47	25	>250	27.5	0.199	22.9	73.7	16.65	11.85	77.03	56.4	1255	54.5	
40238199	<1	8.8	0.94	39	0.6	0.05	<0.005	<0.05	0.5	0.02	0.71	100.79	<0.5	<5	<0.5	
40238200	1	0.7	<0.03	2	3.8	3.84	0.142	0.49	68.4	8.23	14.75	83.80	13.5	5	<0.5	
40238201	2	24.4	3.10	159	72.9	3.22	0.032	3.77	2.9	0.50	4.37	98.93	2.0	79	1.1	
40238202	1	19.8	2.31	157	12.7	0.11	0.005	0.88	1.3	0.06	3.27	100.81	<0.5	17	<0.5	
40238203	1	23.2	2.86	154	25.3	0.25	0.006	2.00	1.9	0.10	4.23	101.30	<0.5	29	0.5	
40238225	<1	9.1	1.02	38	0.1	0.01	<0.005	<0.05	0.4	0.02	0.68	100.17	<0.5	6	<0.5	
40238276	<1	27.1	2.77	135	<0.1	0.01	<0.005	<0.05	1.0	0.01	1.89	99.96	<0.5	5	<0.5	
40238277	<1	24.3	2.33	124	0.1	0.01	<0.005	<0.05	0.9	0.02	1.57	98.98	<0.5	<5	<0.5	
40238278	<1	13.5	1.52	78	1.1	0.01	<0.005	<0.05	0.5	<0.01	1.78	99.26	<0.5	<5	<0.5	
40238279	<1	15.7	1.68	94	0.1	0.01	0.005	<0.05	0.6	0.01	2.45	99.59	<0.5	<5	<0.5	
40238280	<1	15.4	1.44	87	0.2	0.01	<0.005	<0.05	0.6	0.02	2.93	99.54	<0.5	<5	<0.5	
40238280 CRD	<1	15.5	1.70	92	0.1	0.01	0.005	<0.05	0.6	0.01	2.93	99.93	<0.5	<5	<0.5	
40238281	<1	13.8	1.51	81	<0.1	0.01	0.010	<0.05	0.6	0.02	4.45	99.30	<0.5	8	<0.5	
40238282	<1	15.4	1.51	92	0.1	0.01	0.008	<0.05	0.6	0.02	3.08	100.35	<0.5	5	<0.5	
40238283	<1	13.8	1.36	78	0.3	0.01	0.006	<0.05	0.6	0.01	3.76	101.19	<0.5	<5	<0.5	
40238284	1	18.9	1.96	112	0.1	0.01	0.007	<0.05	0.7	0.02	4.06	101.74	<0.5	5	<0.5	
40238285	<1	3.9	0.38	21	1.5	0.23	0.014	0.45	1.5	0.19	10.50	101.33	1.0	<5	1.1	
40238286	<1	11.9	1.21	71	0.1	0.01	0.010	<0.05	0.5	0.02	4.89	101.17	<0.5	<5	<0.5	
40238287	<1	16.4	1.79	100	<0.1	0.01	0.015	<0.05	0.7	0.02	3.43	101.82	<0.5	<5	<0.5	
40238288	<1	14.9	1.50	91	2.6	0.07	0.070	0.27	1.0	0.05	6.57	100.45	<0.5	<5	<0.5	
40238289	<1	15.5	1.46	99	1.3	0.19	0.109	0.42	1.6	0.11	5.64	98.25	<0.5	<5	<0.5	
40238290	<1	20.5	1.90	111	1.6	0.49	0.046	0.43	2.5	0.14	3.13	98.35	0.6	15	0.5	
40238291	<1	23.4	2.08	125	1.0	0.33	0.006	0.10	1.7	0.08	1.65	101.09	<0.5	<5	<0.5	
40238292	<1	19.8	1.74	115	<0.1	0.12	<0.005	<0.05	2.4	0.10	1.27	99.41	0.7	<5	<0.5	
40238293	<1	18.9	1.52	106	0.9	0.20	<0.005	0.16	3.1	0.15	1.44	98.07	1.0	<5	<0.5	
40238294	<1	14.1	1.19	82	1.5	0.15	0.015	0.61	1.9	0.09	3.40	100.40	0.7	7	<0.5	
40238295	<1	8.8	0.81	39	<0.1	0.02	<0.005	<0.05	0.4	0.01	0.57	98.86	<0.5	<5	<0.5	
40238296	<1	12.7	1.15	70	8.2	0.22	0.018	0.86	1.8	0.10	8.46	98.05	0.7	12	<0.5	
40238297	<1	20.0	1.68	109	1.3	0.34	0.007	0.17	3.4	0.16	1.82	99.46	1.3	<5	<0.5	



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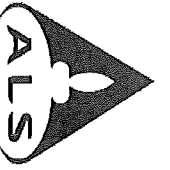
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 Account: KAV

Project: EB80000944

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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	AU-AA26 Au ppm	PGW-ICP27 Au ppm
40238189		66	1730	20	<1	758	11	20	101	0.037	0.0795	0.210				
40238189 CRD		66	1730	20	<1	729	12	21	103	0.033	0.0908	0.217				
40238190		48	67	<10	<1	67	2	32	59	0.001	<0.0005	0.001				
40238191		110	5990	40	<1	2130	26	17	99	0.132	0.1130	0.926				
40238192		145	5160	30	1	2260	34	15	102	0.073	0.0969	0.460				
40238193		199	5220	10	2	6740	16	15	80	0.173	0.393	0.233				
40238194		69	2410	20	<1	813	11	16	99	0.044	0.0536	0.321				
40238195		27	5720	60	8	167	23	18	87	0.010	0.0067	0.028				
40238196		1065	>10000	50	9	>10000	307	10	385	>1.00	>1.00	>1.00	13.45	3.42	1.60	1.52
40238197		23	1660	90	2	139	15	22	115	0.017	0.0045	0.026				
40238198		1690	>10000	20	<1	>10000	371	4	519	>1.00	>1.00	>1.00	10.40	6.05	2.87	3.05
40238199		50	206	<10	<1	122	2	27	61	0.009	0.0051	0.046				
40238200		1470	>10000	<10	3	>10000	43	<1	111	0.213	>1.00	0.712	4.28	6.05		0.29
40238201		62	7530	80	21	1300	75	20	168	0.081	0.1960	0.375				
40238202		18	169	70	8	84	18	17	99	0.004	0.0028	0.004				
40238203		23	239	80	22	95	38	19	168	0.007	0.0035	0.006				
40238275		48	62	<10	<1	63	2	31	60	0.001	<0.0005	0.001				
40238276		45	127	20	<1	253	3	18	90	0.001	0.0011	0.002				
40238277		39	113	20	<1	226	<2	20	80	0.002	0.0020	0.005				
40238278		94	165	20	<1	821	3	12	109	0.002	0.0031	0.006				
40238279		91	125	30	<1	853	4	14	106	0.005	0.0089	0.035				
40238280		98	125	40	<1	934	2	15	107	0.004	0.0056	0.015				
40238280 CRD		97	119	30	<1	937	<2	14	110	0.006	0.0082	0.060				
40238281		77	129	60	<1	699	<2	11	103	0.008	0.0192	0.077				
40238282		62	152	30	<1	476	<2	12	85	0.005	0.0144	0.027				
40238283		59	102	20	<1	448	<2	11	79	0.002	0.0045	0.008				
40238284		52	130	30	<1	327	<2	14	86	0.003	0.0060	0.007				
40238285		143	570	<10	1	1820	62	10	202	0.016	0.0061	0.004				
40238286		53	90	40	<1	322	<2	11	70	0.002	0.0091	0.007				
40238287		57	117	20	<1	343	<2	14	81	0.002	0.0057	0.007				
40238288		76	584	160	<1	761	<2	18	109	0.010	0.0337	0.141				
40238289		76	1820	120	<1	1180	3	14	95	0.033	0.0626	0.400				
40238290		112	2340	50	1	1470	7	19	100	0.051	0.0456	0.367				
40238291		63	1610	20	<1	1010	5	20	101	0.041	0.0716	0.353				
40238292		61	2530	10	<1	1580	<2	14	86	0.068	0.0804	0.599				
40238293		63	3200	20	<1	1730	3	13	78	0.115	0.258	0.907				
40238294		63	2170	50	<1	1200	<2	11	72	0.062	0.114	0.528				
40238295		50	115	<10	<1	92	<2	29	62	0.001	0.0005	0.003				
40238296		47	2020	40	<1	768	3	13	56	0.047	0.0890	0.358				
40238297		72	3910	20	<1	1670	2	18	94	0.093	0.201	0.951				

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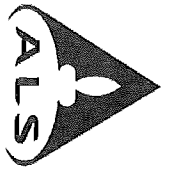
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CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03
40238189			
40238189 CRD			
40238190			
40238191			
40238192			
40238193			
40238194			
40238195			
40238196			
40238197		2.09	10.85
40238198			
40238199		3.04	25.6
40238200			
40238201		1.24	0.82
40238202			
40238203			
40238275			
40238276			
40238277			
40238278			
40238279			
40238280			
40238280 CRD			
40238281			
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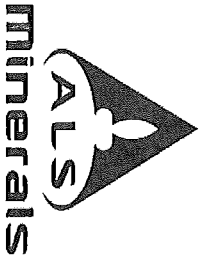
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 C/2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40238298		2.18			44.6	18.75	13.10	9.10	2.27	6.67	0.96	0.02	1.51	0.14	0.16	0.05
40238299		1.86			45.4	18.15	12.00	9.14	2.46	6.56	0.90	0.03	1.64	0.14	0.18	0.05
40238300		2.19			46.1	17.75	12.45	9.54	2.53	6.67	0.89	0.03	1.66	0.15	0.19	0.05
40238300 CRD		<0.02			45.8	17.85	12.10	9.47	2.54	6.41	0.90	0.03	1.60	0.14	0.18	0.05
40238301		1.40			46.4	19.05	11.85	9.68	2.37	7.06	0.87	0.07	1.43	0.14	0.16	0.05
40238302		2.16			46.4	17.45	13.10	9.31	2.51	6.77	0.86	0.03	1.81	0.16	0.21	0.04
40238303		2.38			47.5	17.80	13.30	9.70	2.59	6.69	0.83	0.03	1.97	0.17	0.22	0.04
40238304		2.03			44.8	17.75	13.45	8.88	2.30	6.74	1.01	0.03	1.64	0.15	0.19	0.05
40238305		0.11			38.1	5.82	16.35	3.85	0.68	23.5	0.24	0.27	0.45	0.15	0.04	0.01
40238306		2.22			45.2	17.50	13.85	8.51	2.35	6.91	1.06	0.03	1.65	0.15	0.19	0.05
40238307		1.12			46.0	16.10	14.60	7.20	2.34	5.85	1.15	0.03	1.68	0.14	0.19	0.03
40238308		1.13			65.7	14.15	7.83	1.23	2.07	2.39	2.72	0.02	0.72	0.05	0.11	0.02
40238309		0.43			3.98	1.22	46.4	0.07	0.07	0.59	0.17	0.01	0.06	0.01	0.01	<0.01
40238310		0.63			50.6	14.70	9.69	11.15	2.10	8.26	0.28	0.03	0.59	0.16	0.06	0.03
40238311		0.12			0.49	0.08	60.2	0.23	0.01	0.16	<0.01	0.06	0.03	0.05	0.01	<0.01
40238312		2.50			70.6	13.00	6.22	0.70	2.80	1.94	1.72	0.02	0.57	0.04	0.10	0.02
40238325		0.61			51.3	13.45	10.55	10.90	2.09	9.02	0.26	0.04	0.68	0.17	0.06	0.03
40238326		3.76			45.4	19.40	9.91	9.78	2.16	7.99	0.80	0.13	1.18	0.12	0.13	0.04
40238327		4.03			44.0	17.95	10.80	9.17	1.66	9.64	0.87	0.11	1.20	0.14	0.12	0.04
40238328		3.86	90.0	88.9	44.3	19.15	9.67	9.10	1.58	10.35	0.99	0.03	0.74	0.13	0.08	0.04
40238329		1.70			44.3	18.95	9.43	8.01	1.46	10.95	1.13	0.03	0.75	0.15	0.08	0.04
40238330		2.15			45.7	19.20	9.67	7.44	1.56	9.14	1.87	0.04	0.82	0.14	0.09	0.03
40238331		2.78			43.5	7.32	3.67	19.85	0.04	2.80	4.64	0.01	0.26	0.06	0.03	0.03
40238332		2.34			54.9	10.85	3.56	8.85	0.04	2.04	8.08	0.01	0.15	0.04	0.02	0.01
40238332 CRD		<0.02			55.4	11.05	3.31	9.59	0.04	1.98	8.34	0.01	0.15	0.04	0.02	<0.01
40238333		3.36			44.7	16.55	9.10	8.29	1.25	6.95	3.85	0.14	1.04	0.13	0.11	0.02
40238334		3.51			45.1	19.30	9.06	9.08	1.74	7.21	2.00	0.03	1.13	0.14	0.13	0.03
40238335		0.16			36.7	3.23	14.35	2.12	0.25	31.7	0.12	0.64	0.29	0.18	0.04	<0.01
40238336		3.81			45.3	19.10	9.41	8.67	1.63	6.88	2.81	0.14	1.23	0.18	0.16	0.03
40238337		3.88			44.7	19.95	9.49	9.32	1.79	8.52	0.76	0.04	0.95	0.15	0.11	0.03
40238338		4.57			43.7	18.65	9.68	7.89	1.60	9.76	1.02	0.03	0.88	0.16	0.10	0.03
40238339		2.21			46.2	15.60	8.41	7.04	0.88	6.64	4.89	0.03	0.80	0.13	0.10	0.02
40238340		1.67			19.60	1.96	0.98	4.24	0.02	0.24	1.42	<0.01	0.09	0.03	0.01	0.01
40238341		2.64			43.7	17.90	8.57	7.16	1.15	7.25	3.70	0.03	0.65	0.14	0.07	0.03
40238342		3.95			45.0	15.85	11.10	5.27	1.20	7.76	4.48	0.05	1.59	0.15	0.18	0.02
40238343		3.81			44.8	15.80	9.26	5.69	0.34	7.10	7.09	0.07	1.00	0.16	0.12	0.01
40238344		1.24			45.9	19.25	9.95	3.75	0.79	7.30	6.38	0.02	0.84	0.19	0.10	0.02
40238345		0.57			51.3	16.15	10.10	10.50	2.33	8.20	0.27	0.03	0.67	0.16	0.06	0.04
40238346		3.14			49.9	12.95	7.36	7.53	0.05	3.61	8.15	0.03	0.75	0.08	0.09	0.01
40238347		3.06			52.2	15.35	8.29	3.56	0.11	3.38	9.98	0.03	0.79	0.08	0.10	0.01

***** See Appendix Page for comments regarding this certificate *****



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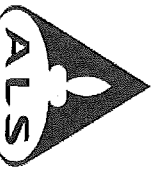
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EBB0000944

CERTIFICATE OF ANALYSIS TB13228478

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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 16-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06		C-IR07		S-IR08		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81	
		BaO %	%	C %	%	S %	%	Ba ppm	0.5	Ce ppm	0.5	Cr ppm	10	Co ppm	0.01	Dy ppm	0.05	Er ppm	0.03	Eu ppm	0.03	Ga ppm	0.1	Gd ppm	0.05	Hf ppm	0.2	Ho ppm	0.01	La ppm	0.5				
40238298	0.02	0.02	0.02	0.82	203	27.3	140	2.67	3.59	2.14	1.36	19.5	4.09	3.0	0.71	12.8																			
40238299	0.03	0.02	0.39	229	30.8	190	2.50	3.97	2.29	1.44	20.8	4.21	3.3	0.77	14.4																				
40238300	0.02	0.01	0.35	215	31.4	180	2.19	4.42	2.32	1.48	20.7	4.58	3.7	0.88	14.7																				
40238300 CRD	0.02	0.02	0.34	209	29.6	160	2.11	4.15	2.21	1.45	20.2	4.29	3.4	0.79	13.8																				
40238301	0.03	0.02	0.31	227	26.2	400	2.26	3.35	1.95	1.33	19.9	3.93	2.9	0.72	12.3																				
40238302	0.03	0.01	0.36	212	30.6	160	2.07	4.15	2.34	1.53	19.8	4.53	3.5	0.87	14.2																				
40238303	0.03	0.02	0.18	192.5	31.0	170	2.07	4.19	2.36	1.52	19.5	4.56	3.5	0.85	14.2																				
40238304	0.03	0.01	0.96	200	28.3	160	2.22	3.69	2.05	1.32	18.6	4.01	3.1	0.72	13.2																				
40238305	0.01	0.14	2.32	82.3	8.7	1590	0.76	1.09	0.62	0.39	6.8	1.22	0.9	0.22	4.2																				
40238306	0.03	0.01	1.03	217	26.3	150	2.29	3.49	2.04	1.28	18.3	3.93	3.0	0.73	12.3																				
40238307	0.04	0.02	1.28	304	39.6	170	2.22	4.39	2.42	1.51	21.8	4.68	3.9	0.84	18.8																				
40238308	0.07	0.04	0.55	525	42.1	140	2.73	3.10	1.67	1.00	16.7	3.36	4.7	0.59	20.1																				
40238309	<0.01	0.02	32.8	27.0	4.3	20	0.37	0.25	0.14	0.09	2.3	0.34	0.9	0.06	2.1																				
40238310	0.02	0.08	0.12	123.0	12.0	230	0.15	1.64	0.87	0.66	15.6	1.74	1.1	0.33	6.0																				
40238311	<0.01	0.04	30.1	1.6	1.4	480	0.09	0.08	0.04	0.04	<0.03	0.8	<0.2	<0.01	0.8																				
40238312	0.05	0.04	0.07	359	40.2	120	1.78	2.77	1.58	0.90	14.4	3.10	4.7	0.56	20.2																				
40238325	0.02	0.09	0.19	118.5	12.7	260	0.13	1.69	1.01	0.62	14.5	1.98	1.3	0.36	6.6																				
40238326	0.02	0.02	0.04	179.0	19.4	760	3.68	2.66	1.51	1.03	17.8	2.99	2.2	0.56	9.1																				
40238327	0.04	0.01	0.04	293	16.4	670	3.23	2.35	1.30	0.89	16.3	2.45	2.0	0.50	7.6																				
40238328	0.03	0.01	0.03	264	12.3	180	4.03	1.75	0.94	0.76	15.8	1.86	1.3	0.36	5.8																				
40238329	0.14	0.03	0.05	1115	12.8	220	5.38	1.85	0.95	0.82	15.2	1.92	1.5	0.37	6.0																				
40238330	0.08	0.08	0.13	586	13.0	240	10.45	1.82	1.05	0.79	17.0	1.96	1.6	0.38	6.2																				
40238331	0.06	4.23	0.78	478	8.6	90	1.18	0.74	0.45	0.37	8.6	0.84	0.6	0.16	6.0																				
40238332	0.10	1.97	1.27	795	3.6	50	0.86	0.52	0.25	0.33	9.0	0.49	0.4	0.11	1.7																				
40238332 CRD	0.10	2.05	1.26	750	3.3	50	0.80	0.44	0.26	0.28	8.0	0.42	0.4	0.09	1.6																				
40238333	0.12	0.72	0.49	1090	18.8	1220	21.8	2.54	1.44	0.96	19.2	2.68	2.0	0.52	8.3																				
40238334	0.07	0.41	0.31	604	20.9	270	10.90	3.02	1.61	1.02	19.0	3.00	2.2	0.57	8.3																				
40238335	0.08	0.22	0.35	667	6.1	5300	0.22	0.74	0.42	0.23	4.7	0.81	0.5	0.17	2.9																				
40238336	0.17	0.39	0.06	1460	24.2	1120	20.7	3.35	1.77	1.17	19.1	3.26	2.6	0.66	10.7																				
40238337	0.05	0.06	0.04	435	19.0	330	4.62	2.55	1.42	1.01	16.8	2.57	1.9	0.50	8.6																				
40238338	0.05	0.09	0.05	437	17.2	260	3.69	2.37	1.31	0.86	16.3	2.46	1.8	0.47	7.8																				
40238339	0.11	0.92	1.32	939	15.3	260	6.25	1.89	1.03	0.69	15.9	1.89	1.5	0.36	7.1																				
40238340	0.02	9.38	2.11	211	30	30	2.17	0.45	0.08	0.17	2.2	0.23	0.2	0.03	1.7																				
40238341	0.12	0.65	0.96	1090	13.0	270	11.80	1.64	0.97	0.69	18.0	1.73	1.2	0.36	6.0																				
40238342	0.14	0.48	0.61	1325	29.5	400	7.86	3.96	2.40	1.23	21.2	4.01	3.2	0.80	12.9																				
40238343	0.17	1.08	0.55	1510	21.8	560	15.05	2.68	1.54	0.85	19.8	2.74	2.4	0.52	9.8																				
40238344	0.23	0.53	0.35	2120	18.6	200	25.9	2.16	1.14	0.90	22.9	2.17	1.7	0.43	8.6																				
40238345	0.02	0.09	0.20	145.5	14.5	240	2.22	1.87	1.10	0.61	16.6	1.66	1.2	0.37	7.2																				
40238346	0.13	1.43	2.03	1230	15.1	210	5.67	1.84	1.06	0.70	16.2	2.02	1.5	0.37	7.0																				
40238347	0.20	0.66	2.64	1780	14.4	290	7.00	1.62	0.96	0.54	16.6	1.67	1.5	0.32	6.8																				



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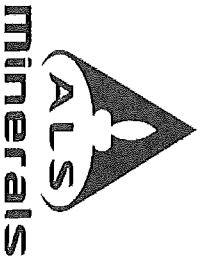
Project: EB80000944

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 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 16-JAN-2014
 Account: KAV

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40238298		0.29	8.6	15.7	3.64	35.9	3.60	2	408	0.5	0.59	1.25	<0.5	0.31	0.26	123
40238299		0.34	9.5	17.6	4.14	33.5	4.38	2	419	0.6	0.68	1.44	<0.5	0.31	0.32	140
40238300		0.36	9.4	18.0	4.20	31.4	4.12	2	407	0.6	0.76	1.54	<0.5	0.36	0.37	150
40238300 CRD		0.35	9.3	17.3	3.91	30.9	4.00	2	403	0.6	0.65	1.44	<0.5	0.30	0.33	140
40238301		0.31	7.8	15.0	3.59	28.9	3.50	1	404	0.4	0.59	1.24	<0.5	0.26	0.27	120
40238302		0.34	9.7	17.9	4.18	26.7	4.21	1	370	0.6	0.72	1.56	<0.5	0.34	0.38	159
40238303		0.34	10.0	17.9	4.16	23.5	4.18	1	351	0.6	0.71	1.53	<0.5	0.32	0.35	157
40238304		0.30	8.6	16.0	3.82	29.5	3.74	2	419	0.5	0.61	1.27	<0.5	0.28	0.31	133
40238305		0.08	2.0	4.6	1.11	5.5	1.12	1	105.0	0.1	0.19	0.75	<0.5	0.09	0.17	76
40238306		0.30	8.3	15.7	3.59	30.8	3.62	2	371	0.5	0.62	1.21	<0.5	0.28	0.28	130
40238307		0.36	10.8	20.9	5.15	44.2	4.41	2	285	0.6	0.72	2.88	0.5	0.37	0.96	170
40238308		0.29	8.3	19.9	5.32	108.0	3.85	2	156.5	0.6	0.54	6.10	0.5	0.29	2.42	89
40238309		0.03	1.1	1.9	0.48	8.6	0.30	15	9.7	<0.1	0.05	0.72	6.7	0.02	0.30	9
40238310		0.12	2.4	6.5	1.54	6.0	1.53	<1	264	0.1	0.27	0.99	<0.5	0.14	0.15	169
40238311		<0.01	0.5	0.6	0.19	0.4	0.14	4	2.0	<0.1	<0.01	0.10	<0.5	0.01	<0.05	41
40238312		0.25	7.3	18.8	4.93	62.3	3.72	2	138.0	0.5	0.46	6.12	<0.5	0.26	2.39	67
40238325		0.13	2.5	7.0	1.68	5.9	1.68	<1	255	0.1	0.30	1.02	<0.5	0.14	0.15	170
40238326		0.23	6.2	11.2	2.64	20.2	2.78	1	364	0.4	0.47	0.91	0.8	0.24	0.19	108
40238327		0.20	5.6	9.6	2.21	31.4	2.29	1	352	0.3	0.38	0.74	1.1	0.21	0.15	103
40238328		0.14	3.8	7.1	1.69	41.5	1.66	1	364	0.4	0.29	0.57	0.6	0.15	0.13	77
40238329		0.15	3.7	7.2	1.76	49.2	1.72	1	339	0.2	0.30	0.62	1.2	0.15	0.14	75
40238330		0.16	4.0	7.3	1.77	94.7	1.79	1	262	0.2	0.30	0.66	1.3	0.15	0.18	78
40238331		0.07	1.4	4.2	1.03	172.0	0.80	<1	112.0	0.1	0.12	0.27	1.1	0.05	0.26	31
40238332		0.03	0.9	2.2	0.50	321	0.52	<1	59.3	<0.1	0.08	0.18	2.5	0.03	0.28	24
40238332 CRD		0.03	0.9	1.9	0.44	300	0.45	<1	53.6	<0.1	0.08	0.17	2.1	0.04	0.23	20
40238333		0.20	5.8	10.6	2.53	232	2.47	1	227	0.3	0.42	0.80	1.5	0.21	0.23	158
40238334		0.24	6.4	11.8	2.74	99.8	2.78	1	289	0.4	0.46	0.89	1.2	0.23	0.22	143
40238335		0.06	1.3	3.2	0.76	3.7	0.79	1	53.5	<0.1	0.13	0.53	<0.5	0.05	0.11	<5
40238336		0.26	7.3	13.3	3.16	151.0	3.20	1	287	0.4	0.55	1.12	1.0	0.27	0.31	187
40238337		0.20	5.2	10.2	2.52	37.1	2.45	1	302	0.3	0.38	0.80	2.0	0.21	0.16	126
40238338		0.19	4.5	9.6	2.23	41.6	2.30	1	306	0.2	0.38	0.70	2.9	0.17	0.14	116
40238339		0.14	4.0	7.9	1.95	185.0	1.84	1	194.5	0.2	0.29	0.67	2.8	0.15	0.19	111
40238340		0.01	0.4	1.1	0.30	58.9	0.23	<1	85.9	<0.1	0.03	0.11	0.9	<0.01	0.05	17
40238341		0.14	3.4	7.0	1.64	170.0	1.62	1	238	0.2	0.28	0.56	3.5	0.13	0.13	101
40238342		0.31	8.9	16.1	3.81	181.0	3.81	1	196.0	0.5	0.62	1.55	2.2	0.33	0.45	316
40238343		0.22	5.9	11.5	2.82	312	2.65	1	109.0	0.3	0.42	1.28	2.6	0.22	0.66	216
40238344		0.16	4.8	9.6	2.32	285	2.31	1	187.0	0.3	0.34	0.95	2.6	0.17	0.46	125
40238345		0.13	2.8	7.3	1.76	7.2	1.78	<1	322	0.1	0.29	1.03	<0.5	0.14	0.16	216
40238346		0.14	4.2	8.3	1.95	345	1.88	1	52.6	0.2	0.33	0.68	3.2	0.15	0.50	142
40238347		0.14	4.4	7.3	1.81	396	1.71	1	61.1	0.2	0.26	0.73	4.5	0.14	1.03	240

***** See Appendix Page for comments regarding this certificate *****



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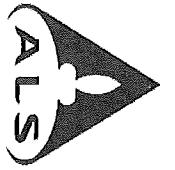
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238298	<1	19.7	1.70	1.88	110	10.2	0.52	0.007	0.33	2.6	0.13	1.29	98.84	1.3	10	<0.5
40238299	<1	22.2	1.88	2.04	121	1.1	0.23	0.007	0.17	1.8	0.06	1.37	98.05	0.5	9	<0.5
40238300	<1	22.9	2.04	1.90	133	4.0	0.52	0.005	0.19	1.6	0.08	1.13	99.16	0.7	10	0.5
40238300 CRD	<1	21.8	1.90	1.60	124	4.9	0.44	0.006	0.24	1.5	0.07	1.03	98.12	0.8	9	0.5
40238301	<1	19.0	1.60	2.00	103	2.4	0.26	0.007	0.11	1.3	0.06	1.31	100.47	0.6	11	<0.5
40238302	<1	23.1	2.00	1.98	128	3.2	0.29	0.008	0.17	1.5	0.06	1.07	99.75	0.7	7	<0.5
40238303	<1	23.4	1.98	2.06	129	0.2	0.09	0.006	0.06	0.9	0.02	1.11	101.98	<0.5	6	<0.5
40238304	<1	20.6	1.71	1.66	116	19.7	1.51	0.012	0.74	3.0	0.24	1.23	98.25	2.0	27	1.1
40238305	<1	6.3	0.45	1.66	29	8.6	0.94	0.008	0.18	2.9	1.85	8.70	98.17	2.3	9	0.8
40238306	<1	19.7	1.66	1.99	110	7.7	0.73	0.010	0.36	9.6	0.15	1.50	98.98	1.5	13	0.6
40238307	<1	24.1	1.99	1.58	151	3.5	0.45	0.016	0.19	2.7	0.10	1.45	96.80	1.2	5	<0.5
40238308	1	17.2	1.58	1.8	175	8.3	2.16	0.298	3.23	1.8	0.07	2.72	99.80	6.4	5	<0.5
40238309	<1	1.8	0.14	0.81	35	>250	20.1	0.266	30.0	71.8	12.05	12.85	65.44	28.7	925	21.3
40238310	<1	9.1	0.81	1.07	35	0.3	0.03	<0.005	<0.05	0.3	0.01	0.58	98.25	<0.5	<5	<0.5
40238311	1	0.5	<0.03	0.87	<2	3.1	3.09	0.119	0.40	60.6	6.68	25.2	86.52	12.0	<5	2.7
40238312	1	15.3	1.50	0.92	176	5.0	0.20	0.028	0.51	0.7	0.01	2.58	100.37	<0.5	7	<0.5
40238325	<1	9.8	0.76	1.42	45	<0.1	0.02	<0.005	<0.05	0.4	0.01	0.52	99.09	<0.5	<5	<0.5
40238326	<1	15.6	1.42	0.38	81	<0.1	0.01	0.007	<0.05	0.5	0.01	2.62	99.48	<0.5	<5	<0.5
40238327	<1	13.5	1.07	0.24	77	0.1	0.01	0.011	<0.05	0.4	0.01	2.81	98.55	<0.5	<5	<0.5
40238328	<1	10.0	0.87	0.92	51	<0.1	0.01	0.008	<0.05	0.3	0.01	2.89	99.08	<0.5	<5	<0.5
40238329	<1	10.0	0.92	0.93	56	<0.1	0.01	0.050	<0.05	0.4	0.01	5.06	100.48	<0.5	<5	<0.5
40238330	<1	10.4	0.93	0.38	62	1.1	0.01	0.165	0.22	0.4	0.01	4.75	100.53	<0.5	<5	<0.5
40238331	<1	4.5	0.38	0.24	19	2.4	0.01	0.164	0.94	0.3	0.01	13.10	95.35	<0.5	5	<0.5
40238332	<1	2.9	0.24	0.23	11	8.4	0.02	0.198	1.69	0.3	0.01	8.07	95.86	<0.5	8	<0.5
40238332 CRD	<1	2.7	0.23	0.23	11	7.9	0.02	0.183	1.50	0.3	0.01	8.07	98.10	<0.5	11	<0.5
40238333	<1	14.5	1.35	1.54	82	3.8	0.01	0.580	<0.05	0.5	0.01	6.58	98.83	<0.5	8	<0.5
40238334	<1	16.0	1.54	0.40	93	1.2	0.01	0.165	0.20	0.4	0.01	5.79	100.81	<0.5	<5	<0.5
40238335	<1	4.2	0.40	1.72	18	1.0	0.14	0.022	0.38	1.2	0.13	10.45	100.15	1.0	<5	0.6
40238336	<1	18.4	1.72	1.27	103	1.0	0.01	0.088	0.10	0.6	0.01	4.71	100.42	<0.5	7	<0.5
40238337	<1	14.4	1.27	0.94	78	0.2	0.01	0.037	0.05	0.4	<0.01	4.60	100.46	<0.5	5	<0.5
40238338	<1	13.1	1.26	0.94	77	0.2	0.01	0.035	<0.05	0.4	0.01	6.18	99.73	<0.5	<5	<0.5
40238339	<1	9.9	0.94	1.10	62	6.5	0.01	0.256	0.62	0.8	<0.01	7.29	98.14	<0.5	8	<0.5
40238340	<1	1.0	0.10	0.86	6	6.9	<0.01	0.127	0.77	0.4	<0.01	32.2	98.98	<0.5	9	<0.5
40238341	<1	9.5	0.86	2.16	46	5.5	0.01	0.311	0.61	0.6	0.01	7.57	98.04	<0.5	8	<0.5
40238342	1	21.1	2.16	1.26	125	16.6	0.08	0.173	0.45	1.1	0.03	6.58	99.37	<0.5	19	<0.5
40238343	1	13.9	1.56	0.94	101	6.7	0.05	0.382	0.31	1.2	0.02	7.92	99.53	<0.5	12	<0.5
40238344	<1	11.7	1.15	1.56	70	5.5	0.01	0.546	0.31	0.6	<0.01	7.16	101.88	<0.5	12	<0.5
40238345	<1	9.7	0.90	1.01	45	<0.1	0.02	<0.005	<0.05	0.4	0.01	0.68	100.51	<0.5	<5	<0.5
40238346	1	10.1	1.01	0.85	60	18.0	0.01	0.433	1.35	2.1	<0.01	7.68	98.32	<0.5	18	<0.5
40238347	1	8.7	0.85	0.85	63	23.7	0.01	0.846	1.80	4.8	<0.01	4.50	98.58	<0.5	27	<0.5



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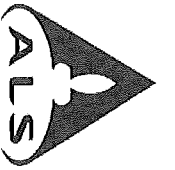
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	AU-AA26 Au ppm	PGM-ICP27 Au ppm
40238298		91	2680	20	<1	1430	12	18	111	0.052	0.0901	0.467				
40238299		62	1965	20	<1	888	4	20	104	0.038	0.0554	0.314				
40238300		63	2270	10	<1	783	11	21	100	0.045	0.0590	0.323				
40238300 CRD		58	2120	20	<1	711	14	20	100	0.044	0.0441	0.332				
40238301		60	1600	30	<1	787	4	15	91	0.037	0.0438	0.305				
40238302		64	1880	20	<1	833	14	22	107	0.033	0.0279	0.264				
40238303		56	869	20	<1	405	6	23	105	0.013	0.0259	0.120				
40238304		98	5080	30	<1	2010	28	20	111	0.090	0.146	0.810				
40238305		201	5190	10	2	7010	20	15	81	0.185	0.391	0.244				
40238306		95	4210	30	<1	1800	8	20	107	0.070	0.125	0.655				
40238307		104	5060	20	<1	1805	11	23	104	0.054	0.0729	0.531				
40238308		28	4310	50	<1	437	20	15	70	0.131	0.0216	0.243				
40238309		1935	>10000	20	5	>10000	138	2	355	0.864	>1.00	>1.00	13.30	5.44		0.97
40238310		50	157	<10	<1	117	7	34	63	0.002	0.0029	0.015				
40238311		1345	>10000	<10	4	>10000	45	<1	105	0.271	>1.00	0.696	3.78	5.30		0.26
40238312		15	660	50	<1	79	8	13	67	0.008	0.0010	0.004				
40238325		54	97	<10	<1	93	<2	34	63	0.001	0.0005	0.001				
40238326		46	118	40	<1	258	5	14	78	0.002	0.0038	0.008				
40238327		58	133	60	<1	379	2	16	82	0.003	0.0089	0.022				
40238328		55	108	70	<1	417	<2	10	74	0.002	0.0069	0.013				
40238329		59	169	140	<1	422	4	11	74	0.006	0.0171	0.038				
40238330		63	150	90	<1	425	3	12	75	0.003	0.0141	0.038				
40238331		17	62	60	<1	115	4	4	28	0.001	0.0033	0.003				
40238332		14	56	40	1	90	<2	3	19	0.001	0.0021	0.001				
40238332 CRD		15	57	40	1	92	2	3	20	0.001	0.0020	0.002				
40238333		48	188	90	<1	310	2	16	77	0.005	0.0107	0.061				
40238334		49	113	80	<1	282	<2	13	71	0.003	0.0044	0.006				
40238335		137	557	<10	2	1775	59	10	194	0.026	0.0064	0.004				
40238336		45	120	70	<1	234	2	15	81	0.002	0.0053	0.008				
40238337		56	106	70	<1	393	2	14	79	0.002	0.0038	0.006				
40238338		56	109	110	<1	379	<2	13	88	0.002	0.0041	0.008				
40238339		50	84	110	5	317	5	13	62	0.003	0.0029	0.006				
40238340		4	11	10	15	28	2	1	12	0.001	0.0005	0.001				
40238341		60	99	110	1	370	2	10	70	0.002	0.0045	0.009				
40238342		64	418	120	4	307	6	25	102	0.007	0.0054	0.010				
40238343		57	290	140	3	403	<2	16	76	0.008	0.0101	0.016				
40238344		55	90	180	<1	403	2	11	65	0.002	0.0036	0.006				
40238345		50	100	<10	<1	93	<2	29	60	<0.001	0.0006	0.001				
40238346		38	73	80	2	239	2	11	55	0.004	0.0038	0.008				
40238347		49	80	70	3	287	<2	12	60	0.012	0.0062	0.053				

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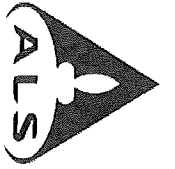
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	PGM-ICP27	
		Pt ppm	Pd ppm
40238298			
40238299			
40238300			
40238300 CRD			
40238301			
40238302			
40238303			
40238304			
40238305			
40238306			
40238307			
40238308		3.74	19.00
40238309			
40238310		1.03	0.69
40238311			
40238312			
40238325			
40238326			
40238327			
40238328			
40238329			
40238330			
40238331			
40238332			
40238332 CRD			
40238333			
40238334			
40238335			
40238336			
40238337			
40238338			
40238339			
40238340			
40238341			
40238342			
40238343			
40238344			
40238345			
40238346			
40238347			



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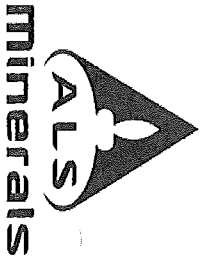
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Table with columns: Sample Description, Method Analyte Units, WEI-21 Recvd Wt. Kg, GRU-QC Passzmm %, PUL-QC Passz75um %, ME-ICP06 SiO2 %, ME-ICP06 Al2O3 %, ME-ICP06 Fe2O3 %, ME-ICP06 CaO %, ME-ICP06 Na2O %, ME-ICP06 MgO %, ME-ICP06 K2O %, ME-ICP06 Cr2O3 %, ME-ICP06 TiO2 %, ME-ICP06 MnO %, ME-ICP06 P2O5 %, ME-ICP06 SiO %. Rows include sample IDs like 40238348, 40238349, 40238350, etc.

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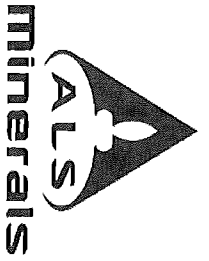
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Project: EBB0000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS1 Ba ppm	ME-MS1 Ce ppm	ME-MS1 Cr ppm	ME-MS1 Cs ppm	ME-MS1 Dy ppm	ME-MS1 Er ppm	ME-MS1 Eu ppm	ME-MS1 Ga ppm	ME-MS1 Gd ppm	ME-MS1 Hf ppm	ME-MS1 Ho ppm	ME-MS1 La ppm
40238348	0.16	0.01	0.01	0.01	1445	11.9	250	7.21	1.54	0.80	0.52	15.0	1.51	1.3	0.29	5.7
40238349	0.08	0.08	4.51	2.79	699	7.8	140	2.97	0.87	0.49	0.41	6.1	0.91	0.7	0.17	3.7
40238350	0.09	0.09	4.81	3.29	821	7.2	260	2.41	0.88	0.35	0.35	5.8	0.73	0.5	0.13	3.7
40238351	0.14	0.14	0.20	1.99	1235	19.0	290	4.49	2.61	1.45	1.00	17.4	2.73	1.9	0.55	8.1
40238352	0.13	0.13	0.13	0.35	1200	17.7	1420	3.36	2.39	1.37	0.80	17.9	2.39	1.8	0.49	7.8
40238352 CRD	0.12	0.12	0.11	0.34	1020	17.5	1010	3.38	2.57	1.45	0.81	17.5	2.47	1.9	0.50	7.5
40238353	0.21	0.21	0.15	0.38	1875	21.6	330	5.70	2.63	1.50	0.98	16.5	2.86	2.4	0.54	9.3
40238354	0.05	0.05	0.19	0.19	436	15.8	280	4.19	2.20	1.21	0.76	15.4	2.16	1.6	0.43	6.7
40238355	0.08	0.08	0.22	0.37	686	6.0	4750	0.19	0.72	0.38	0.24	4.6	0.76	0.5	0.14	2.9
40238356	0.05	0.05	0.02	0.03	464	15.5	310	3.56	1.64	0.93	0.72	15.3	1.59	1.3	0.31	7.2
40238357	0.06	0.06	0.01	0.03	519	17.2	290	4.40	2.41	1.26	0.87	15.7	2.47	1.8	0.48	7.6
40238358	0.05	0.05	0.01	0.03	432	19.5	310	3.51	2.60	1.47	0.89	15.8	2.74	2.2	0.54	8.8
40238359	0.02	0.02	0.01	0.04	176.5	19.1	280	2.94	2.59	1.64	0.99	16.3	2.81	2.8	0.54	8.5
40238360	0.02	0.02	0.01	0.03	162.0	28.6	330	2.71	4.10	2.39	1.33	18.1	4.18	2.9	0.81	12.8
40238361	0.02	0.02	0.01	0.06	140.5	21.6	470	3.36	3.03	1.73	1.04	17.7	2.97	2.4	0.59	9.6
40238362	0.01	0.01	0.01	0.06	126.0	21.2	1400	2.39	3.09	1.77	1.06	17.7	3.03	2.2	0.59	9.5
40238363	0.02	0.02	0.01	0.17	139.0	15.4	6240	2.80	1.91	1.15	0.83	18.7	1.93	1.5	0.37	6.9
40238364	0.03	0.03	0.03	0.95	276	24.0	1960	4.56	1.99	1.21	0.97	16.7	2.23	2.0	0.41	11.2
40238365	0.02	0.02	0.07	0.21	154.5	15.6	130	0.14	1.79	0.98	0.64	18.5	1.81	1.2	0.36	7.8
40238366	0.03	0.03	0.02	2.09	218	18.4	890	2.89	1.35	0.82	0.81	14.8	1.65	1.2	0.30	8.7
40238367	0.04	0.04	0.01	0.05	338	25.6	120	2.54	3.48	1.98	1.25	16.4	3.30	2.4	0.64	11.6
40238368	0.04	0.04	0.01	0.04	311	20.4	110	4.25	4.25	2.15	1.01	17.6	4.18	2.0	0.89	8.7
40238369	0.06	0.06	0.07	0.07	500	30.6	140	2.41	3.56	2.02	1.12	17.8	3.44	2.9	0.76	14.3
40238370	0.06	0.06	0.03	0.02	529	26.7	110	4.72	3.84	2.17	1.28	18.3	3.75	2.8	0.76	12.0
40238371	0.03	0.03	0.01	0.02	250	23.1	110	2.42	3.89	2.20	1.25	19.0	3.93	2.4	0.76	10.1
40238372	0.03	0.03	0.02	0.01	251	27.3	100	1.91	4.21	2.32	1.11	19.3	4.28	3.0	0.87	12.5
40238372 CRD	0.03	0.03	0.01	0.01	243	27.7	100	4.40	4.40	2.27	1.30	19.9	3.97	2.7	0.86	12.4
40238373	0.04	0.04	0.01	0.01	334	25.3	100	3.16	3.88	2.10	1.15	18.6	4.08	2.9	0.84	11.3
40238374	0.04	0.04	0.01	0.17	314	47.0	70	2.19	5.81	2.93	2.07	21.7	6.50	4.5	1.17	20.7
40238375	0.08	0.08	0.21	0.35	711	6.1	4250	0.20	0.67	0.43	0.19	4.6	0.71	0.6	0.15	2.9
40238376	0.04	0.04	0.01	0.08	363	75.6	30	1.93	6.97	3.93	2.95	24.6	9.09	6.6	1.49	33.5
40238377	0.08	0.08	0.03	0.03	692	70.6	30	2.99	7.13	3.61	2.99	23.4	8.67	6.4	1.33	30.0
40238378	0.05	0.05	0.21	0.01	432	47.9	180	3.55	3.55	1.91	1.60	17.5	4.08	4.1	0.68	23.2
40238379	0.11	0.11	0.66	0.02	984	38.8	170	1.86	3.06	1.75	1.10	15.6	3.39	3.9	0.61	18.0
40238380	0.07	0.07	0.06	0.02	568	47.2	180	0.98	3.59	1.97	1.21	17.5	4.04	4.3	0.74	22.2
40238381	0.06	0.06	0.09	0.07	482	55.0	160	0.89	3.80	2.49	1.14	16.1	4.76	4.4	0.75	26.1
40238382	0.05	0.05	0.07	0.05	486	64.1	180	0.93	3.20	2.09	1.09	17.4	3.88	4.7	0.67	33.1
40238383	0.04	0.04	0.07	0.02	367	55.0	180	0.56	3.30	1.86	1.14	15.0	4.03	4.5	0.70	26.5
40238384	0.03	0.03	0.24	0.03	268	49.7	170	0.50	3.21	1.95	1.12	15.3	3.53	4.0	0.61	24.9
40238385	0.02	0.02	0.14	0.21	138.5	13.9	160	0.14	1.87	0.90	0.75	16.9	1.76	1.3	0.35	7.0



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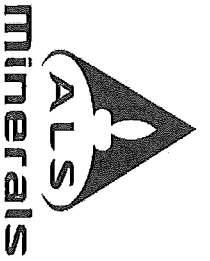
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40238348		0.12	3.6	6.3	1.53	357	1.57	1	68.3	0.2	0.25	0.61	4.6	0.11	0.39	118
40238349		0.06	1.7	4.3	0.99	231	0.90	<1	70.2	0.1	0.14	0.38	4.2	0.07	0.35	52
40238350		0.05	1.6	3.4	0.83	246	0.76	<1	69.7	0.1	0.11	0.38	5.3	0.04	0.42	75
40238351		0.21	5.5	10.5	2.51	117.0	2.51	1	277	0.3	0.43	0.83	6.2	0.21	0.20	133
40238352		0.19	5.3	10.0	2.36	86.1	2.41	1	313	0.3	0.39	0.76	2.7	0.19	0.17	149
40238352 CRD		0.19	5.1	9.9	2.28	76.2	2.39	1	308	0.3	0.43	0.92	2.7	0.21	0.22	131
40238353		0.24	6.2	11.6	2.83	145.5	2.95	<1	257	0.4	0.43	2.31	2.3	0.23	1.15	157
40238354		0.18	4.3	8.9	2.10	36.4	2.09	2	293	0.3	0.36	0.79	1.9	0.18	0.24	116
40238355		0.06	1.2	3.1	0.73	3.6	0.76	<1	51.3	<0.1	0.11	0.52	<0.5	0.05	0.10	13
40238356		0.13	3.1	7.7	1.91	39.4	1.70	<1	477	0.2	0.26	1.20	3.9	0.13	0.54	77
40238357		0.18	4.8	9.6	2.25	42.6	2.16	1	390	0.2	0.39	0.70	2.7	0.18	0.20	123
40238358		0.19	5.4	10.9	2.56	38.3	2.58	1	423	0.3	0.44	0.87	1.6	0.23	0.20	142
40238359		0.21	5.4	10.8	2.52	19.1	2.70	1	365	0.3	0.46	0.91	0.7	0.23	0.27	145
40238360		0.32	8.7	16.2	3.79	18.1	3.88	1	333	0.5	0.64	1.29	0.5	0.31	0.33	231
40238361		0.24	6.4	12.0	2.85	18.1	2.85	1	326	0.3	0.49	0.95	<0.5	0.25	0.26	174
40238362		0.23	6.1	11.9	2.81	15.8	2.93	1	321	0.3	0.47	0.89	<0.5	0.24	0.23	205
40238363		0.16	4.0	8.3	2.03	25.0	1.93	<1	351	0.2	0.30	0.80	0.7	0.15	0.26	130
40238364		0.17	4.9	11.9	2.97	59.5	2.41	<1	399	0.3	0.32	2.33	1.0	0.18	1.09	157
40238365		0.13	2.9	7.5	1.94	6.9	1.66	<1	353	0.1	0.29	1.13	<0.5	0.15	0.17	207
40238366		0.15	3.4	8.6	2.31	52.1	1.72	1	379	0.2	0.21	1.97	1.1	0.12	0.89	170
40238367		0.30	4.4	14.2	3.22	69.7	3.47	1	660	0.3	0.56	1.94	<0.5	0.26	0.65	265
40238368		0.29	3.7	13.5	2.90	73.2	3.48	1	810	0.2	0.53	1.25	<0.5	0.31	0.42	317
40238369		0.28	5.2	16.1	3.88	82.9	3.60	1	412	0.3	0.53	2.64	0.5	0.32	1.02	260
40238370		0.31	4.4	14.9	3.55	106.0	3.91	1	585	0.3	0.59	2.41	<0.5	0.31	0.70	312
40238371		0.25	3.9	14.0	3.05	60.2	3.49	1	579	0.2	0.60	1.50	<0.5	0.35	0.42	332
40238372		0.34	4.0	14.9	3.51	69.1	3.81	1	525	0.2	0.58	2.81	<0.5	0.36	0.78	310
40238372 CRD		0.25	4.2	15.7	3.72	66.7	3.82	1	528	0.3	0.65	2.59	<0.5	0.33	0.72	314
40238373		0.30	3.8	14.1	3.43	101.0	3.66	1	618	0.2	0.55	2.33	0.5	0.34	0.67	314
40238374		0.38	15.0	27.5	6.33	73.2	6.19	1	678	0.9	0.89	2.60	<0.5	0.43	0.71	405
40238375		0.08	1.4	3.1	0.74	3.6	0.83	1	51.3	0.1	0.12	0.49	<0.5	0.04	0.10	28
40238376		0.45	27.6	43.2	10.00	67.8	9.69	1	683	1.7	1.22	4.01	<0.5	0.54	1.26	488
40238377		0.41	28.0	39.8	9.51	88.4	9.33	1	663	1.7	1.16	3.74	<0.5	0.49	1.16	476
40238378		0.28	10.1	22.1	5.83	76.0	4.38	<1	279	0.6	0.51	7.19	<0.5	0.35	2.76	156
40238379		0.28	7.6	19.1	4.69	150.5	3.91	<1	275	0.5	0.50	5.20	0.8	0.31	1.97	166
40238380		0.32	9.4	22.5	5.75	105.0	4.47	<1	180.0	0.5	0.55	8.35	0.5	0.29	3.28	125
40238381		0.27	9.0	26.3	6.75	95.2	5.02	<1	156.5	0.6	0.63	7.19	0.8	0.34	2.91	135
40238382		0.31	9.9	27.2	7.58	90.4	4.70	<1	168.5	0.6	0.54	7.88	0.5	0.33	3.39	127
40238383		0.28	9.3	24.8	6.64	67.6	4.61	<1	195.5	0.6	0.56	8.11	<0.5	0.32	2.92	121
40238384		0.29	9.2	21.3	5.96	55.7	3.94	<1	194.5	0.6	0.49	7.86	<0.5	0.30	3.20	121
40238385		0.15	2.7	7.7	1.69	6.0	1.74	1	321	0.2	0.27	1.22	<0.5	0.15	0.18	200

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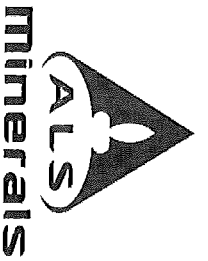
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Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238348		1	7.6	0.72	50	18.2	0.01	0.844	2.90	1.4	0.01	3.95	98.07	<0.5	14	<0.5
40238349		<1	4.9	0.46	23	19.5	0.01	0.605	4.41	0.7	0.01	13.70	95.50	<0.5	22	<0.5
40238350		<1	4.0	0.27	20	11.0	0.07	0.787	3.80	0.6	0.02	14.00	93.27	<0.5	14	<0.5
40238351		<1	14.7	1.39	74	18.5	0.59	0.234	0.57	0.9	0.09	5.27	98.29	<0.5	21	<0.5
40238352		<1	13.6	1.09	71	21.8	0.18	0.048	0.27	1.0	0.07	5.58	100.93	<0.5	23	<0.5
40238352 CRD		<1	13.9	1.22	78	21.2	0.18	0.051	0.25	1.0	0.08	5.61	98.99	<0.5	22	<0.5
40238353		<1	15.0	1.56	94	59.9	0.07	0.044	0.38	1.1	0.06	4.94	101.59	<0.5	47	<0.5
40238354		1	11.8	1.16	58	236	0.08	0.011	0.81	0.9	0.14	3.59	101.24	<0.5	239	<0.5
40238355		<1	4.0	0.33	19	1.4	0.10	0.018	0.40	1.2	0.13	10.30	99.09	<0.5	<5	1.2
40238356		<1	8.7	0.80	49	13.4	0.02	0.014	0.11	0.4	0.01	3.26	101.33	<0.5	19	<0.5
40238357		<1	13.2	1.24	76	7.3	0.01	0.015	0.11	0.5	0.01	4.00	100.36	<0.5	9	<0.5
40238358		<1	14.8	1.43	85	1.2	0.02	0.012	0.05	0.6	0.01	2.94	98.66	<0.5	5	<0.5
40238359		<1	15.3	1.48	118	1.0	0.02	0.005	0.06	0.5	0.01	1.96	100.70	<0.5	<5	<0.5
40238360		1	22.6	2.06	121	1.1	0.03	<0.005	0.05	0.6	0.01	2.24	98.49	<0.5	7	<0.5
40238361		<1	16.6	1.50	90	6.1	0.04	<0.005	0.05	0.6	0.01	1.45	99.15	<0.5	9	<0.5
40238362		<1	16.8	1.53	86	0.2	0.04	<0.005	0.06	0.6	0.01	1.65	99.01	<0.5	<5	<0.5
40238363		<1	10.7	0.96	58	2.9	0.23	0.005	0.23	0.9	0.05	2.31	100.62	<0.5	<5	<0.5
40238364		<1	11.4	1.19	79	29.9	0.39	0.014	0.51	2.7	0.22	3.43	100.14	<0.5	26	<0.5
40238365		<1	9.8	0.98	44	1.0	0.03	<0.005	<0.05	0.5	0.01	0.60	101.28	<0.5	<5	<0.5
40238366		<1	8.0	0.79	52	13.2	0.80	0.021	0.49	3.7	0.25	3.63	98.45	1.5	11	0.5
40238367		<1	17.3	1.76	86	2.0	0.08	<0.005	0.24	0.5	0.01	1.44	99.30	<0.5	<5	<0.5
40238368		<1	19.1	1.90	71	2.3	0.11	<0.005	0.23	0.5	0.02	1.60	98.31	<0.5	<5	<0.5
40238369		<1	18.6	1.81	106	5.9	0.12	0.007	0.38	0.7	0.03	2.22	100.28	<0.5	12	<0.5
40238370		<1	20.5	2.04	96	1.9	0.05	<0.005	0.26	0.4	0.01	1.93	100.67	<0.5	<5	<0.5
40238371		<1	20.4	2.09	81	1.9	0.09	<0.005	0.21	0.4	0.02	1.87	101.34	<0.5	7	<0.5
40238372		<1	21.5	2.21	104	1.1	0.10	<0.005	0.20	0.5	0.01	1.68	100.55	<0.5	8	<0.5
40238372 CRD		<1	21.3	1.94	102	0.9	0.09	<0.005	0.18	0.5	0.01	1.77	100.30	<0.5	<5	<0.5
40238373		<1	20.3	1.92	96	1.1	0.08	<0.005	0.20	0.4	0.01	1.69	98.80	<0.5	<5	<0.5
40238374		<1	27.9	2.74	163	1.3	0.09	<0.005	0.18	1.1	0.01	1.42	99.43	<0.5	7	<0.5
40238375		<1	4.0	0.41	19	1.4	0.13	0.023	0.41	1.3	0.14	11.90	98.30	1.4	<5	0.9
40238376		<1	36.8	3.12	257	1.5	0.07	<0.005	0.17	1.1	<0.01	1.10	99.60	<0.5	<5	<0.5
40238377		<1	36.0	2.76	238	1.1	0.05	<0.005	0.13	1.0	<0.01	1.20	99.03	<0.5	<5	<0.5
40238378		1	18.7	1.85	164	2.3	0.01	0.006	0.24	0.8	0.01	2.16	98.03	<0.5	<5	<0.5
40238379		1	17.3	2.02	142	1.9	0.01	0.009	0.28	0.7	<0.01	4.34	101.28	<0.5	<5	<0.5
40238380		1	19.5	1.98	167	1.1	0.01	0.009	0.18	0.6	<0.01	2.02	99.69	<0.5	<5	<0.5
40238381		1	20.3	2.02	163	2.1	0.01	0.017	0.29	0.8	0.01	2.27	99.73	<0.5	<5	<0.5
40238382		1	18.4	1.83	166	1.0	<0.01	0.019	0.22	0.7	<0.01	1.97	100.10	<0.5	<5	<0.5
40238383		1	18.1	1.95	166	1.2	<0.01	0.015	0.18	0.6	<0.01	1.53	99.66	<0.5	<5	<0.5
40238384		1	17.2	2.08	156	0.9	0.01	0.016	0.20	0.6	0.01	2.06	100.62	<0.5	<5	<0.5
40238385		<1	9.0	0.92	39	<0.1	0.02	<0.005	<0.05	0.6	<0.01	0.62	98.50	<0.5	<5	<0.5

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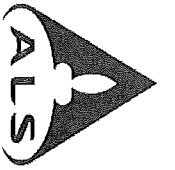
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CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40238348		48	73	60	4	283	<2	10	58	0.005	0.0047	0.012				
40238349		21	82	20	21	138	2	5	35	0.003	0.0028	0.003				
40238350		28	164	10	10	220	3	6	27	0.004	0.0080	0.007				
40238351		77	455	50	1	454	4	14	84	0.025	0.0491	0.060				
40238352		87	736	100	2	677	<2	14	92	0.019	0.0369	0.069				
40238352 CRD		84	733	100	3	668	<2	14	89	0.021	0.0295	0.071				
40238353		82	385	90	5	525	4	13	98	0.009	0.0229	0.033				
40238354		94	475	50	4	733	<2	9	72	0.029	0.0157	0.041				
40238355		138	552	<10	2	1780	57	9	198	0.019	0.0061	0.004				
40238356		58	124	50	<1	369	<2	10	64	0.004	0.0060	0.014				
40238357		59	91	80	<1	380	2	12	77	0.003	0.0044	0.008				
40238358		56	142	60	<1	344	<2	12	84	0.003	0.0055	0.009				
40238359		56	134	30	<1	345	<2	13	82	0.003	0.0049	0.009				
40238360		55	148	30	<1	308	<2	19	92	0.004	0.0063	0.012				
40238361		62	229	30	<1	414	<2	14	95	0.004	0.0076	0.017				
40238362		59	299	30	<1	394	<2	18	94	0.005	0.0145	0.054				
40238363		64	742	40	<1	690	<2	9	92	0.016	0.0354	0.131				
40238364		110	2570	40	2	1650	4	12	81	0.040	0.0691	0.300				
40238365		152	129	<10	<1	82	3	26	62	0.001	0.0007	0.001				
40238366			4650	50	3	2500	7	13	87	0.068	0.125	0.495				
40238367		48	217	50	<1	94	12	29	72	0.004	0.0061	0.015				
40238368		55	158	60	<1	98	9	34	89	0.005	0.0075	0.019				
40238369		46	223	50	<1	128	14	28	100	0.004	0.0076	0.020				
40238370		51	107	40	<1	106	12	31	97	0.002	0.0077	0.020				
40238371		56	144	40	<1	103	7	34	88	0.005	0.0077	0.020				
40238372		52	135	30	<1	88	7	31	77	0.003	0.0069	0.016				
40238372 CRD		53	135	30	1	91	8	31	80	0.004	0.0068	0.017				
40238373		54	153	40	<1	97	7	33	75	0.003	0.0067	0.015				
40238374		55	267	40	1	85	5	31	85	0.003	0.0050	0.014				
40238375		151	600	<10	2	1860	66	10	212	0.021	0.0060	0.004				
40238376		55	180	30	2	72	6	28	107	0.003	0.0024	0.010				
40238377		56	206	30	1	80	6	28	108	0.001	0.0024	0.011				
40238378		16	5	40	1	68	6	18	40	<0.001	0.0019	0.003				
40238379		27	36	50	1	77	6	21	42	0.001	0.0035	0.007				
40238380		15	2	40	1	61	4	17	27	0.001	0.0012	0.002				
40238381		19	16	50	1	68	4	17	33	0.001	0.0015	0.002				
40238382		15	2	40	1	64	5	17	28	<0.001	0.0010	0.001				
40238383		11	5	30	2	62	4	17	20	<0.001	0.0011	0.002				
40238384		11	3	30	2	55	4	16	19	0.001	0.0010	0.001				
40238385		52	107	10	<1	77	2	28	60	0.001	0.0005	0.001				

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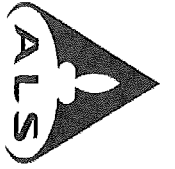
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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

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Sample Description	Method Analyte Units LOR	PGM-ICP27	
		Pt ppm 0.03	Pd ppm 0.03
40238348			
40238349			
40238350			
40238351			
40238352			
40238352 CRD			
40238353			
40238354			
40238355			
40238356			
40238357			
40238358			
40238359			
40238360			
40238361			
40238362			
40238363			
40238364			
40238365			
40238366			
40238367			
40238368			
40238369			
40238370			
40238371			
40238372			
40238372 CRD			
40238373			
40238374			
40238375			
40238376			
40238377			
40238378			
40238379			
40238380			
40238381			
40238382			
40238383			
40238384			
40238385			



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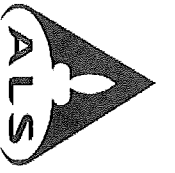
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CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SIO2 %	ME-ICP06 AL2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40238386		2.54	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40238387		3.64			68.6	14.30	4.46	0.87	4.14	2.11	2.16	0.02	0.63	0.01	0.10	0.02
40238388		2.60			61.6	16.95	6.33	0.79	2.77	2.67	3.24	0.02	0.73	0.02	0.11	0.02
40238389		2.48			66.3	15.25	5.23	0.89	4.61	2.29	2.87	0.02	0.66	0.02	0.11	0.03
					70.5	12.90	3.57	0.91	4.14	1.76	1.94	0.02	0.55	0.01	0.10	0.02

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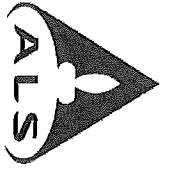
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Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40238386		0.05	0.05	0.02	424	44.1	170	0.93	3.42	2.17	1.08	16.9	4.01	4.1	0.68	20.7
40238387		0.07	0.24	0.04	640	53.9	190	2.39	5.05	2.86	1.29	21.5	5.26	4.1	0.95	25.6
40238388		0.06	0.32	0.01	530	51.2	170	0.95	4.05	2.36	1.20	17.3	4.40	4.3	0.78	24.4
40238389		0.05	0.09	0.04	408	48.1	160	0.82	3.14	1.88	1.03	15.2	3.36	4.8	0.57	23.9



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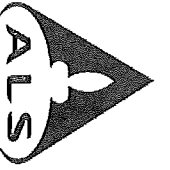
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CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40238386		0.30	9.3	20.9	5.70	89.2	4.69	<1	173.5	0.7	0.58	7.69	<0.5	0.31	3.74	124
40238387		0.47	11.5	26.3	6.78	145.5	5.98	1	142.5	0.7	0.83	10.10	0.7	0.45	9.70	193
40238388		0.37	9.4	24.1	6.52	130.0	4.85	<1	221	0.7	0.69	8.15	0.7	0.42	9.28	164
40238389		0.28	8.3	21.6	5.87	82.3	3.96	<1	174.0	0.5	0.46	7.56	0.5	0.28	2.72	102

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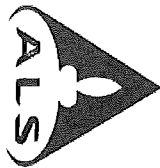
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 Total # Pages: 6 (A - F)
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 Account: KAV

Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238386	1	19.2	27.2	2.13	165	1.2	0.01	0.012	0.14	0.7	0.01	1.95	99.42	<0.5	<5	<0.5
40238387	1	22.4	2.43	3.03	147	0.9	0.04	0.009	0.24	1.0	0.03	3.04	98.36	<0.5	<5	<0.5
40238388	1	17.0	2.12	151	185	1.3	0.01	0.015	0.24	0.8	0.01	2.25	100.59	<0.5	<5	<0.5
40238389	1					1.0	0.01	0.022	0.22	0.6	<0.01	1.69	98.16	<0.5	<5	<0.5

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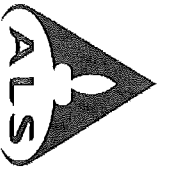
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Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	AU-AA26 Au ppm	PGM-ICP27 Au ppm
40238386		15	7	40	3	59	6	16	30	<0.001	0.0010	0.001				
40238387		21	122	60	23	95	16	21	56	0.001	0.0027	0.004				
40238388		17	15	40	19	79	8	17	38	0.002	0.0022	0.003				
40238389		12	4	30	1	50	6	14	25	0.001	0.0009	0.001				

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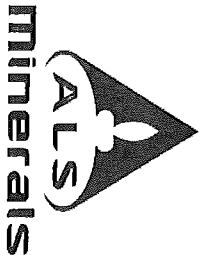
Project: EB80000944

CERTIFICATE OF ANALYSIS TB13228478

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03
40238386			
40238387			
40238388			
40238389			

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Project: EB80000944

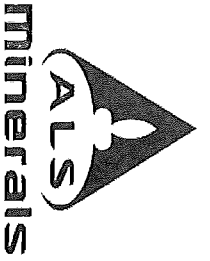
CERTIFICATE OF ANALYSIS TB13228478

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
 BAG-04 CRU-31 CRU-QC LOG-21d
 LOG-22 LOG-23 PUL-32d
 PUL-QC SPL-21 SPL-21d WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
 AU-AA26 C-IR07 Cu-OG62 ME-4ACD81
 ME-ICP06 ME-MS42 ME-OG62 ME-OG62
 Ni-OG62 OA-GRA05 PGM-ICP27 PGM-MS24
 S-IR08 TOT-ICP06



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Page: 1
 Finalized Date: 22-JAN-2014
 This copy reported on
 31-JAN-2014
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CERTIFICATE TB13228477

Project: EB80000943
 P.O. No.: 3101202290
 This report is for 195 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-DEC-2013.
 The following have access to data associated with this certificate:
 SUE DRIEBERG DAN FOLEY JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: JENNY GOLDNER
 224 NORTH 2200 WEST
 SALT LAKE CITY UT 84116
 USA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split - Dup 85% < 75um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Revd with Barcode
LOG-22	Sample Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

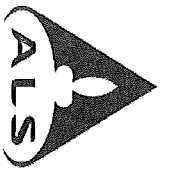
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: EB80000943

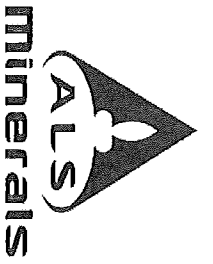
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 Total # Pages: 6 (A - G)
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CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40237678		0.59			51.8	16.10	10.00	10.00	2.32	7.62	0.36	0.02	0.54	0.15	0.05	0.04
40237679		1.90	88.1		44.4	15.65	11.00	8.54	1.27	8.84	1.70	0.04	0.61	0.13	0.07	0.05
40237680		0.16			36.7	3.04	13.70	2.08	0.22	31.3	0.11	0.62	0.25	0.16	0.04	<0.01
40237681		3.84			47.4	17.30	11.55	8.54	1.98	8.44	0.76	0.06	0.63	0.13	0.06	0.04
40237682		3.63			47.1	17.60	12.00	8.46	2.00	8.65	0.85	0.06	0.74	0.13	0.08	0.04
40237683		2.03			46.1	15.85	12.95	8.74	2.45	7.14	0.64	0.04	1.50	0.16	0.36	0.03
40237684		2.36			46.2	16.05	12.70	9.15	2.35	6.84	0.94	0.04	1.30	0.15	0.16	0.04
40237685		2.92			46.1	16.90	9.81	8.17	1.08	6.46	4.35	0.06	1.00	0.15	0.14	0.07
40237686		2.97			44.8	15.75	8.90	9.76	0.88	6.18	5.43	0.19	0.82	0.12	0.09	0.03
40237687		1.26			32.7	13.05	4.76	26.4	0.64	3.16	2.97	0.03	0.43	0.06	0.06	0.01
40237688		3.06			47.9	20.1	7.37	8.15	2.84	5.66	2.01	0.05	0.75	0.10	0.09	0.07
40237689		3.60			48.6	20.5	7.66	7.42	1.76	5.92	4.10	0.02	0.75	0.11	0.09	0.23
40237690		0.53			50.9	14.40	9.65	11.75	2.04	8.21	0.31	0.03	0.49	0.15	0.03	0.03
40237691		3.87			47.8	20.6	7.29	6.54	1.70	5.47	4.35	0.02	0.78	0.10	0.10	0.24
40237692		2.75			47.4	19.10	7.72	8.31	1.72	5.47	4.43	0.02	0.84	0.11	0.10	0.08
40237693		3.76			45.1	18.90	10.40	7.17	1.56	6.00	3.62	0.02	0.92	0.14	0.10	0.09
40237694		2.32			43.9	18.35	10.50	9.37	1.67	6.30	2.41	0.02	0.97	0.13	0.12	0.05
40237695		3.08			44.5	18.20	10.85	10.85	1.58	8.09	1.22	0.05	0.94	0.13	0.10	0.04
40237696		4.14			46.9	18.65	10.65	8.99	2.03	6.95	1.48	0.04	1.27	0.14	0.12	0.05
40237697		2.30			45.8	18.15	10.70	10.05	2.45	6.22	0.94	0.04	1.55	0.14	0.15	0.04
40237697 CRD		<0.02			45.9	18.20	10.70	10.00	2.48	6.35	0.94	0.03	1.52	0.15	0.15	0.04
40237698		2.89			45.9	15.25	10.35	6.54	1.59	7.72	4.33	0.03	1.29	0.17	0.15	0.02
40237699		3.81			41.4	15.25	9.43	8.95	0.90	7.75	4.67	0.03	0.83	0.15	0.12	0.02
40237700		0.16			35.4	3.11	13.50	2.07	0.23	31.9	0.11	0.61	0.27	0.17	0.03	<0.01
40237701		2.62			43.4	17.80	10.15	8.69	1.54	8.21	2.77	0.03	1.09	0.16	0.13	0.04
40237702		3.66			45.3	19.20	10.25	9.21	2.30	8.02	1.10	0.04	1.13	0.16	0.14	0.04
40237703		2.76			43.0	17.70	10.20	9.38	1.72	9.15	1.05	0.03	1.02	0.15	0.11	0.03
40237704		4.39			43.9	19.05	9.63	10.20	1.92	7.83	1.40	0.04	0.96	0.14	0.11	0.04
40237705		2.88			45.2	18.70	10.20	8.83	2.02	8.01	1.48	0.04	0.98	0.15	0.11	0.04
40237706		2.59			29.2	10.60	6.39	22.2	0.23	4.96	4.60	0.02	0.44	0.11	0.05	0.01
40237707		3.58			43.8	18.40	10.40	9.42	1.94	8.85	1.27	0.04	0.94	0.15	0.10	0.04
40237708		3.72			45.5	17.60	11.30	9.20	2.24	9.11	0.58	0.04	1.45	0.15	0.14	0.04
40237709		3.58			44.8	18.75	10.30	9.41	2.04	9.80	0.88	0.04	0.97	0.14	0.11	0.05
40237710		0.65			51.2	14.95	10.25	11.95	2.20	8.83	0.34	0.03	0.61	0.17	0.04	0.03
40237711		4.13			44.4	17.85	10.80	9.35	1.99	9.62	0.99	0.04	1.11	0.14	0.12	0.05
40237712		2.83			44.3	18.15	10.65	9.47	1.94	9.60	0.96	0.04	1.00	0.14	0.11	0.04
40237713		3.27			45.0	18.15	10.50	9.34	2.03	9.19	0.58	0.04	1.01	0.14	0.10	0.03
40237714		3.43			44.6	17.25	10.40	8.93	1.59	9.80	1.46	0.04	0.94	0.14	0.10	0.07
40237715		3.74			41.5	17.25	10.15	11.35	1.14	7.80	2.94	0.03	0.81	0.14	0.09	0.03
40237716		3.31			42.7	14.70	8.10	11.00	0.64	6.41	5.14	0.03	0.84	0.13	0.09	0.02

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

***** See Appendix Page for comments regarding this certificate *****



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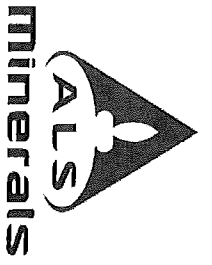
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 Total # Pages: 6 (A - G)
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 Finalized Date: 22-JAN-2014
 Account: KAV

Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS1 Ba ppm	ME-MS1 Ce ppm	ME-MS1 Cr ppm	ME-MS1 Cs ppm	ME-MS1 Dy ppm	ME-MS1 Er ppm	ME-MS1 Eu ppm	ME-MS1 Ga ppm	ME-MS1 Gd ppm	ME-MS1 Hf ppm	ME-MS1 Ho ppm	ME-MS1 La ppm
40237678		0.02	0.10	0.12	159.5	13.3	120	0.20	1.50	0.86	0.69	17.9	1.49	1.1	0.33	6.9
40237679		0.11	0.08	0.14	1040	12.4	310	2.72	1.75	1.01	1.02	16.3	1.65	1.3	0.33	5.5
40237680		0.08	0.22	0.37	740	6.4	4290	0.23	0.79	0.38	0.24	4.7	0.78	0.6	0.15	3.2
40237681		0.04	0.02	0.50	327	11.2	430	2.70	1.46	0.89	1.05	19.0	1.57	1.2	0.31	5.2
40237682		0.04	0.02	0.76	352	15.1	400	3.22	2.00	1.18	0.95	19.1	2.01	1.6	0.41	6.9
40237683		0.03	0.03	0.20	280	39.2	260	3.65	5.41	2.91	1.87	21.6	5.65	3.3	1.09	17.2
40237684		0.04	0.04	0.40	389	27.3	310	3.99	3.83	2.20	1.43	20.9	3.95	2.8	0.81	12.3
40237685		0.24	0.23	0.05	2100	23.7	420	5.05	3.16	1.81	1.10	18.8	3.23	2.2	1.05	10.5
40237686		0.20	1.01	0.10	1680	16.3	1270	2.20	2.22	1.26	0.85	15.0	2.32	1.5	0.48	7.3
40237687		0.03	3.86	0.04	257	18.1	200	0.31	1.51	0.74	0.89	16.8	1.55	1.1	0.30	7.3
40237688		0.10	0.09	0.06	895	16.3	330	4.67	2.16	1.25	1.18	19.0	2.17	2.0	0.43	7.4
40237689		0.13	0.11	0.07	1180	15.8	150	4.56	2.11	1.13	1.19	18.1	2.24	1.7	0.43	7.2
40237690		0.02	0.09	0.12	144.5	11.0	250	0.12	1.73	0.93	0.71	15.8	1.75	0.9	0.37	5.3
40237691		0.15	0.06	0.07	1310	17.8	140	5.02	2.23	1.25	1.29	18.3	2.17	1.7	0.47	8.3
40237692		0.36	0.52	0.09	3110	18.9	140	8.79	2.48	1.46	0.95	15.0	2.55	1.8	0.52	8.5
40237693		0.22	0.22	0.55	2030	19.8	170	6.12	2.69	1.54	0.99	16.3	2.76	2.1	0.56	8.9
40237694		0.14	0.45	0.57	1265	21.1	160	5.24	2.78	1.63	1.04	17.5	2.74	2.3	0.59	9.6
40237695		0.06	0.27	0.04	555	18.3	380	3.81	2.65	1.46	1.04	18.1	2.64	2.2	0.53	8.4
40237696		0.12	0.03	0.04	1090	23.9	186	4.43	3.33	1.86	1.17	19.4	3.28	2.7	0.72	10.6
40237697		0.06	0.04	0.04	506	28.5	550	2.53	3.80	2.28	1.50	20.6	3.86	2.8	0.79	12.6
40237697 CRD		0.06	0.03	0.05	525	28.0	240	2.62	3.90	2.36	1.61	20.3	4.14	2.8	0.85	12.4
40237698		0.13	0.24	0.16	1140	24.0	180	1.44	3.43	1.88	1.02	17.0	3.43	2.2	0.70	10.4
40237699		0.21	1.00	0.05	1855	18.3	180	3.26	2.24	1.33	1.03	16.7	2.79	1.6	0.49	8.4
40237700		0.08	0.22	0.37	742	6.2	4240	0.27	0.85	0.36	0.22	4.9	0.80	0.5	0.12	3.0
40237701		0.22	0.43	0.05	1940	20.3	210	5.52	2.54	1.80	1.20	17.8	2.88	2.4	0.56	8.8
40237702		0.07	0.04	0.04	652	21.2	250	3.61	2.92	1.50	1.02	19.3	3.36	1.9	0.58	9.5
40237703		0.12	0.19	0.03	1105	20.1	240	3.13	2.88	1.35	0.92	17.0	2.68	2.0	0.53	8.8
40237704		0.08	0.31	0.10	730	19.4	290	4.35	2.75	1.64	0.96	18.4	2.77	2.1	0.58	8.5
40237705		0.05	0.03	0.07	424	19.1	270	3.39	2.85	1.33	0.97	17.4	2.93	1.9	0.54	8.5
40237706		0.10	4.45	0.20	933	11.3	130	2.65	1.47	0.94	0.68	10.9	1.48	1.0	0.30	4.8
40237707		0.05	0.19	0.04	418	18.4	310	3.24	2.39	1.19	0.88	17.3	2.61	1.7	0.56	7.9
40237708		0.06	0.02	0.03	508	26.7	250	2.78	3.79	2.05	1.32	18.6	3.66	2.6	0.74	11.6
40237709		0.05	0.02	0.03	429	19.5	310	2.69	2.69	1.67	1.13	17.0	2.82	1.9	0.57	8.7
40237710		0.02	0.08	0.10	159.5	12.6	210	0.24	1.77	0.78	0.68	15.7	1.99	1.0	0.36	5.8
40237711		0.04	0.01	0.03	384	21.3	300	2.69	2.78	1.44	1.18	18.2	3.28	2.3	0.56	9.7
40237712		0.03	0.06	0.04	295	18.8	280	2.89	2.74	1.32	0.93	17.0	3.21	2.1	0.46	8.6
40237713		0.02	0.02	0.04	226	20.3	280	3.56	2.74	1.62	1.15	17.2	2.99	2.0	0.56	9.1
40237714		0.08	0.10	0.03	732	18.1	280	3.19	2.79	1.56	0.96	16.6	2.35	1.9	0.56	8.3
40237715		0.13	1.03	0.09	1185	15.6	200	5.86	2.05	1.17	0.77	17.6	2.13	1.6	0.42	7.2
40237716		0.16	1.23	0.09	1480	16.5	230	2.46	2.35	1.23	0.88	19.1	2.40	1.8	0.47	7.3

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**



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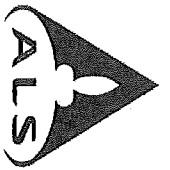
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MSB1 Lu ppm	ME-MSB1 ND ppm	ME-MSB1 Nd ppm	ME-MSB1 Pr ppm	ME-MSB1 Rb ppm	ME-MSB1 Sm ppm	ME-MSB1 Sn ppm	ME-MSB1 Sr ppm	ME-MSB1 Ta ppm	ME-MSB1 Tb ppm	ME-MSB1 Th ppm	ME-MSB1 Tl ppm	ME-MSB1 Tm ppm	ME-MSB1 U ppm	ME-MSB1 V ppm
40237678		0.13	2.6	6.6	1.65	6.4	1.41	<1	329	0.1	0.29	1.17	<0.5	0.12	0.16	194
40237679		0.13	3.3	7.1	1.66	65.9	1.71	<1	406	0.2	0.25	0.57	0.6	0.13	0.17	167
40237680		0.06	1.4	3.4	0.82	3.6	0.79	1	52.5	<0.1	0.12	0.53	<0.5	0.05	0.12	41
40237681		0.11	2.9	6.0	1.51	30.3	1.45	<1	357	0.2	0.27	0.55	<0.5	0.12	0.21	213
40237682		0.17	3.8	8.3	2.04	33.5	2.04	1	363	0.2	0.34	0.77	<0.5	0.18	0.28	141
40237683		0.39	11.2	23.6	5.53	23.5	5.76	1	327	0.6	0.91	1.43	0.5	0.41	0.38	202
40237684		0.30	7.6	16.1	3.71	34.3	3.85	1	390	0.4	0.67	1.21	0.7	0.30	0.33	202
40237685		0.25	6.4	13.6	3.26	168.0	3.26	1	696	0.4	0.53	0.95	1.0	0.26	0.23	150
40237686		0.18	4.4	9.6	2.18	183.5	2.30	1	276	0.2	0.40	0.64	1.3	0.18	0.15	132
40237687		0.11	2.8	7.0	1.76	69.7	1.57	<1	95.2	0.1	0.24	0.48	<0.5	0.11	0.16	63
40237688		0.16	4.6	9.3	2.17	86.8	2.10	1	648	0.3	0.38	0.70	<0.5	0.18	0.20	108
40237689		0.17	4.4	9.0	2.11	154.5	2.11	1	2000	0.2	0.37	0.65	0.6	0.16	0.16	105
40237690		0.14	1.9	6.2	1.45	5.2	1.66	<1	306	0.1	0.29	0.65	<0.5	0.14	0.12	223
40237691		0.19	4.7	9.7	2.39	189.5	2.27	1	2080	0.3	0.39	0.71	0.6	0.17	0.17	106
40237692		0.21	5.1	10.6	2.52	183.5	2.58	1	775	0.3	0.42	0.78	0.6	0.20	0.18	112
40237693		0.22	5.6	11.6	2.76	157.0	2.91	1	751	0.3	0.47	0.97	0.8	0.22	0.47	129
40237694		0.23	6.2	12.1	2.82	101.0	2.87	1	448	0.4	0.50	0.92	1.3	0.23	0.34	128
40237695		0.20	5.5	10.7	2.45	54.0	2.45	1	369	0.3	0.43	0.83	1.2	0.21	0.21	130
40237696		0.29	7.0	13.8	3.27	65.0	3.25	1	445	0.4	0.57	1.07	1.3	0.29	0.29	159
40237697		0.32	8.8	15.4	3.77	34.4	4.06	1	301	0.4	0.70	1.05	<0.5	0.35	0.30	196
40237697 GRD																
40237698		0.32	8.4	16.1	3.77	34.4	4.07	2	304	0.5	0.67	1.10	<0.5	0.33	0.25	191
40237698		0.24	6.8	13.5	3.28	140.0	3.81	1	145.0	0.4	0.55	1.06	0.7	0.31	0.25	144
40237699		0.17	4.9	10.0	2.44	164.0	2.45	1	175.5	0.3	0.41	0.72	0.6	0.19	0.14	105
40237700		0.07	1.2	3.3	0.75	3.5	0.81	1	49.7	0.1	0.10	0.58	<0.5	0.05	0.09	36
40237701		0.26	6.6	11.0	2.81	106.0	2.83	2	338	0.4	0.48	0.93	0.8	0.22	0.17	129
40237702		0.19	6.6	13.1	2.79	41.3	2.98	1	316	0.4	0.54	0.93	0.7	0.26	0.17	128
40237703		0.19	5.6	10.8	2.60	41.2	2.82	1	282	0.3	0.49	0.79	0.8	0.22	0.22	122
40237704		0.17	5.3	11.1	2.46	62.1	2.80	1	290	0.2	0.42	0.96	0.7	0.24	0.15	117
40237705		0.16	5.5	10.8	2.45	50.5	2.64	2	297	0.3	0.44	0.86	0.6	0.25	0.14	116
40237706		0.12	2.8	6.0	1.42	158.0	1.71	1	80.0	0.2	0.21	0.50	0.8	0.17	0.11	62
40237707		0.19	5.1	9.8	2.42	51.3	2.28	1	294	0.2	0.40	0.67	0.6	0.23	0.13	117
40237708		0.26	7.9	14.1	3.60	39.0	3.71	1	343	0.4	0.65	0.99	<0.5	0.35	0.25	176
40237709		0.18	5.3	11.0	2.58	34.7	3.31	1	372	0.3	0.45	0.76	1.0	0.20	0.21	127
40237710		0.14	2.2	6.5	1.64	5.7	1.35	<1	274	0.1	0.32	0.80	<0.5	0.13	0.11	220
40237711		0.20	6.4	12.4	2.94	36.9	2.93	1	411	0.3	0.51	0.82	1.0	0.27	0.19	138
40237712		0.23	5.6	11.0	2.52	34.0	2.30	1	322	0.3	0.44	0.74	0.7	0.21	0.18	126
40237713		0.22	5.8	11.8	2.64	21.4	2.46	1	305	0.3	0.47	0.65	1.2	0.21	0.16	126
40237714		0.22	5.2	10.5	2.60	49.3	2.39	1	567	0.3	0.46	0.64	1.2	0.20	0.14	126
40237715		0.19	4.5	9.1	1.99	109.0	2.36	1	213	0.2	0.41	0.63	0.9	0.17	0.11	101
40237716		0.17	4.8	9.8	2.21	164.0	2.62	<1	158.5	0.3	0.36	0.68	2.3	0.22	0.14	106

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.** **

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Project: EB80000943

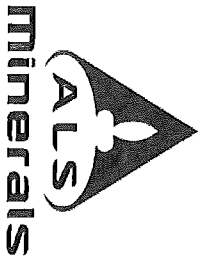
CERTIFICATE OF ANALYSIS TB13228477

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 Total # Pages: 6 (A - G)
 Plus Appendix Pages
 Finalized Date: 22-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MSB1 W ppm	ME-MSB1 Y ppm	ME-MSB1 Yb ppm	ME-MSB1 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237678	<1	8.2	0.81	0.81	33	0.2	0.01	<0.005	<0.05	0.4	<0.01	0.80	99.82	<0.5	<5	0.5
40237679	<1	9.2	0.83	0.83	41	3.2	0.11	0.010	0.09	0.5	0.02	5.83	98.24	<0.5	<5	<0.5
40237680	<1	4.1	0.44	0.44	15	1.3	0.21	0.026	0.63	1.3	0.13	10.60	98.90	1.5	<5	0.8
40237681	<1	8.2	0.84	0.84	35	2.6	0.17	0.007	0.09	0.7	0.03	1.62	98.55	<0.5	<5	<0.5
40237682	<1	10.8	1.04	1.04	56	2.2	0.24	0.009	0.08	1.0	0.04	3.57	101.32	<0.5	6	<0.5
40237683	<1	29.5	2.54	2.54	132	1.4	0.09	0.006	0.05	0.8	0.01	2.73	98.72	<0.5	<5	<0.5
40237684	<1	20.7	1.97	1.97	98	2.3	0.11	0.011	0.09	1.0	0.04	3.10	99.06	<0.5	6	0.6
40237685	1	17.8	1.59	1.59	77	0.6	0.02	0.019	0.08	0.5	0.01	5.25	99.78	<0.5	<5	<0.5
40237686	<1	12.7	1.14	1.14	56	0.5	0.11	0.047	0.09	0.8	0.03	8.02	101.17	0.5	<5	0.5
40237687	1	8.8	0.80	0.80	38	0.3	0.04	0.026	0.09	0.5	0.01	17.50	101.80	<0.5	<5	<0.5
40237688	<1	11.6	1.12	1.12	74	1.3	0.03	0.012	0.09	0.3	0.01	3.95	99.14	<0.5	<5	<0.5
40237689	<1	11.6	1.13	1.13	62	1.1	0.13	0.007	0.05	0.4	0.01	4.42	101.71	<0.5	<5	<0.5
40237690	<1	9.2	0.83	0.83	27	0.1	0.01	<0.005	<0.05	0.3	0.01	0.44	98.45	<0.5	<5	<0.5
40237691	<1	12.2	1.24	1.24	59	2.0	0.15	0.013	0.07	0.4	0.01	4.12	99.27	<0.5	<5	<0.5
40237692	<1	13.2	1.28	1.28	64	2.6	0.16	0.022	0.13	0.5	<0.01	5.49	101.15	<0.5	<5	<0.5
40237693	<1	15.0	1.32	1.32	75	3.1	0.58	0.018	0.35	1.3	0.07	4.40	98.64	0.6	<5	0.7
40237694	1	15.7	1.45	1.45	87	2.3	0.46	0.030	0.22	1.9	0.13	4.53	98.46	0.8	<5	<0.5
40237695	<1	14.0	1.37	1.37	79	0.1	0.04	0.021	<0.05	0.5	0.01	3.89	99.48	<0.5	<5	0.5
40237696	<1	18.5	1.69	1.69	95	0.2	0.01	0.025	<0.05	0.5	0.01	3.26	100.65	<0.5	<5	<0.5
40237697	<1	19.9	2.07	2.07	116	0.6	0.01	0.018	0.05	0.6	0.01	2.85	99.15	<0.5	<5	0.5
40237697 CRD	<1	20.2	2.26	2.26	111	0.7	0.01	0.016	0.05	0.6	0.01	2.91	99.43	<0.5	<5	<0.5
40237698	<1	17.2	1.69	1.69	92	1.8	0.01	0.044	0.09	0.8	0.01	5.76	99.23	<0.5	<5	<0.5
40237699	1	12.2	1.21	1.21	64	1.0	0.01	0.044	0.09	0.6	0.01	9.07	98.78	<0.5	<5	<0.5
40237700	<1	3.6	0.36	0.36	19	1.1	0.10	0.026	0.45	1.3	0.14	10.65	98.13	1.4	<5	0.8
40237701	<1	14.6	1.56	1.56	83	0.6	<0.01	0.064	0.06	0.5	0.01	6.44	100.67	<0.5	<5	<0.5
40237702	<1	15.2	1.64	1.64	82	0.5	0.01	0.033	<0.05	0.5	0.01	3.69	100.65	<0.5	<5	<0.5
40237703	<1	13.4	1.34	1.34	73	0.6	0.01	0.027	<0.05	0.5	0.01	5.61	99.27	<0.5	<5	<0.5
40237704	<1	13.5	1.43	1.43	79	0.7	0.01	0.036	0.18	0.5	0.01	3.89	99.19	<0.5	<5	<0.5
40237705	<1	13.3	1.24	1.24	81	0.9	0.01	0.024	0.15	0.5	0.01	2.90	98.45	<0.5	<5	<0.5
40237706	<1	7.5	0.86	0.86	37	2.1	0.01	0.168	0.21	0.6	0.01	19.75	98.66	<0.5	<5	<0.5
40237707	<1	12.5	1.11	1.11	63	0.5	0.01	0.024	<0.05	0.5	0.01	3.02	98.42	<0.5	6	<0.5
40237708	<1	18.3	1.74	1.74	96	0.6	0.01	0.009	<0.05	0.6	0.01	1.76	99.57	<0.5	<5	<0.5
40237709	<1	13.5	1.20	1.20	69	0.3	<0.01	0.009	<0.05	0.5	0.01	1.98	99.32	<0.5	<5	<0.5
40237710	<1	8.8	1.10	1.10	33	0.2	0.01	<0.005	<0.05	0.4	<0.01	0.69	101.21	<0.5	<5	<0.5
40237711	<1	14.9	1.64	1.64	80	0.9	<0.01	0.015	<0.05	0.5	0.01	2.27	98.77	<0.5	<5	<0.5
40237712	<1	13.5	1.52	1.52	77	0.6	<0.01	0.033	<0.05	0.5	0.01	2.09	98.52	<0.5	<5	<0.5
40237713	<1	13.8	1.59	1.59	79	0.3	0.01	0.020	<0.05	0.5	0.01	2.23	98.37	<0.5	<5	<0.5
40237714	<1	13.3	1.37	1.37	76	0.6	0.01	0.020	0.05	0.5	0.01	3.46	98.66	<0.5	<5	<0.5
40237715	<1	11.0	1.13	1.13	63	0.9	0.01	0.028	0.18	0.5	0.01	8.20	101.56	<0.5	<5	<0.5
40237716	<1	11.8	1.27	1.27	64	1.9	0.01	0.076	0.66	0.6	0.01	8.63	98.58	<0.5	<5	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

**** See Appendix Page for comments regarding this certificate ****



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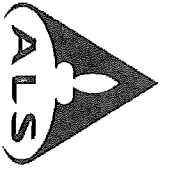
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	AU-AA26 Au ppm	PGM-ICP27 Au ppm
40237678		49	58	<10	<1	54	2	26	68	0.001	<0.0005	0.001				
40237679		61	310	70	2	291	3	16	78	0.005	0.0111	0.025				
40237680		144	579	<10	2	1765	60	10	208	0.016	0.0054	0.004				
40237681		67	357	30	1	340	6	19	88	0.007	0.0142	0.028				
40237682		80	560	30	1	503	12	17	95	0.009	0.0171	0.044				
40237683		58	236	30	1	230	5	23	125	0.005	0.0088	0.016				
40237684		66	539	40	1	314	4	24	107	0.010	0.0132	0.030				
40237685		53	123	130	<1	202	4	20	82	0.002	0.0091	0.010				
40237686		47	683	130	1	327	3	12	66	0.004	0.0195	0.034				
40237687		19	51	50	1	47	2	6	33	0.019	0.0022	0.005				
40237688		42	76	50	<1	60	2	9	53	0.002	0.0033	0.012				
40237689		47	147	150	<1	96	3	9	63	0.003	0.0042	0.013				
40237690		50	56	<10	<1	56	4	34	61	<0.001	<0.0005	<0.001				
40237691		45	135	160	<1	90	2	10	66	0.003	0.0025	0.012				
40237692		39	56	100	<1	42	3	11	60	0.002	0.0018	0.007				
40237693		90	996	120	<1	678	8	14	74	0.017	0.0214	0.069				
40237694		79	2040	80	2	1240	6	15	87	0.031	0.0530	0.146				
40237695		50	107	60	<1	273	5	15	73	0.003	0.0092	0.008				
40237696		48	142	60	<1	203	4	20	85	0.003	0.0082	0.010				
40237697		45	151	30	<1	134	3	23	85	0.003	0.0046	0.006				
40237697 CRD		45	154	30	<1	139	2	23	89	0.003	0.0053	0.007				
40237698		48	159	90	<1	182	3	20	87	0.003	0.0063	0.009				
40237699		54	114	120	1	315	<2	15	79	0.003	0.0058	0.012				
40237700		149	601	<10	2	1840	68	10	210	0.014	0.0056	0.004				
40237701		54	112	130	<1	310	<2	15	88	0.002	0.0062	0.011				
40237702		59	118	70	<1	335	3	15	82	0.003	0.0089	0.018				
40237703		59	107	80	<1	324	<2	15	80	0.003	0.0103	0.022				
40237704		55	127	50	6	300	2	15	77	0.003	0.0098	0.019				
40237705		60	132	40	1	333	<2	14	83	0.005	0.0118	0.022				
40237706		23	57	70	5	155	2	7	41	0.001	0.0038	0.008				
40237707		56	133	50	<1	329	2	13	76	0.004	0.0091	0.021				
40237708		51	127	30	<1	280	4	19	85	0.002	0.0044	0.008				
40237709		51	119	40	<1	289	2	14	72	0.003	0.0059	0.009				
40237710		48	51	10	<1	55	3	36	63	<0.001	<0.0005	<0.001				
40237711		54	127	40	<1	323	2	16	78	0.003	0.0060	0.010				
40237712		54	120	40	<1	328	<2	13	76	0.002	0.0066	0.010				
40237713		56	126	40	<1	338	2	15	80	0.003	0.0068	0.010				
40237714		57	119	80	<1	362	<2	15	79	0.003	0.0074	0.011				
40237715		52	97	120	10	327	<2	12	91	0.002	0.0074	0.010				
40237716		51	106	90	92	320	3	14	82	0.003	0.0132	0.017				

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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Project: EB80000943

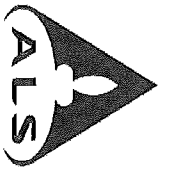
CERTIFICATE OF ANALYSIS TB13228477

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 Finalized Date: 22-JAN-2014
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Sample Description	Method Analyte Units	PGM-ICP27 Pt ppm	PGM-ICP27 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %
40237678		0.03	0.03	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01
40237679																
40237680																
40237681																
40237682																
40237683																
40237684																
40237685																
40237686																
40237687																
40237688																
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40237715																
40237716																

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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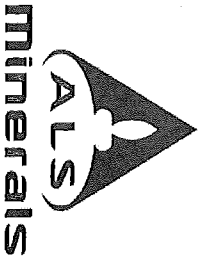
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40237678					
40237679					
40237680					
40237681					
40237682					
40237683					
40237684					
40237685					
40237686					
40237687					
40237688					
40237689					
40237690					
40237691					
40237692					
40237693					
40237694					
40237695					
40237696					
40237697					
40237697 CRD					
40237698					
40237699					
40237700					
40237701					
40237702					
40237703					
40237704					
40237705					
40237706					
40237707					
40237708					
40237709					
40237710					
40237711					
40237712					
40237713					
40237714					
40237715					
40237716					

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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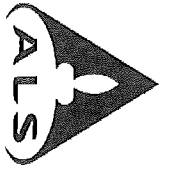
CERTIFICATE OF ANALYSIS TB13228477

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 Finalized Date: 22-JAN-2014
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	GRU-QC Passzmm %	PUL-QC Pass7sum %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40237717		3.52			43.7	17.35	10.50	9.87	0.87	7.66	3.83	0.03	0.93	0.16	0.10	0.02
40237717 CRD		<0.02			44.3	17.10	10.55	9.01	0.87	7.73	4.15	0.04	0.99	0.16	0.10	0.02
40237718		3.80			45.5	17.40	10.55	8.85	1.96	7.76	1.68	0.04	1.18	0.15	0.13	0.03
40237719		4.11			43.9	17.05	10.30	9.09	1.52	6.83	2.85	0.03	1.36	0.15	0.14	0.03
40237720		0.16			36.3	3.19	13.80	2.09	0.22	32.7	0.11	0.63	0.28	0.17	0.04	0.01
40237721		3.43			49.9	13.40	9.35	6.14	0.36	5.89	6.95	0.03	1.08	0.14	0.12	0.01
40237722		3.12			47.1	14.20	10.05	8.64	0.91	7.81	4.48	0.03	1.11	0.16	0.13	0.02
40237723		4.40			43.7	15.70	11.85	7.81	1.58	10.25	1.82	0.04	1.37	0.18	0.18	0.03
40237724		1.95			45.1	17.80	10.55	9.69	2.27	8.11	0.73	0.04	1.58	0.16	0.20	0.18
40237725		3.49	82.7	85.2	44.5	18.45	10.45	9.65	2.24	7.42	0.98	0.08	1.52	0.14	0.14	0.04
40237726		3.29			45.8	19.30	10.55	10.45	2.39	8.06	0.61	0.04	1.36	0.14	0.16	0.04
40237727		2.95			45.5	19.10	10.60	10.60	2.26	8.59	0.50	0.05	1.30	0.14	0.14	0.04
40237728		2.27			46.2	18.60	10.45	10.35	2.17	8.51	0.61	0.05	1.16	0.13	0.13	0.04
40237729		2.14			43.9	19.15	10.35	10.15	2.06	7.63	0.75	0.21	1.08	0.12	0.12	0.05
40237730		0.60			50.4	15.05	10.10	11.45	2.25	8.32	0.34	0.03	0.57	0.16	0.04	0.03
40237731		0.11			37.8	5.75	16.20	3.90	0.71	24.4	0.23	0.28	0.44	0.15	0.10	0.04
40237732		1.33			43.1	19.50	11.50	10.35	2.01	8.18	0.34	0.24	0.98	0.12	0.11	0.03
40237733		2.93			42.6	18.85	11.95	10.05	1.88	8.18	0.59	0.16	1.03	0.12	0.12	0.04
40237734		4.49			46.2	17.65	12.05	9.86	2.44	7.65	0.59	0.08	1.47	0.15	0.16	0.04
40237735		3.80			45.7	17.95	12.35	9.95	2.33	8.44	0.44	0.38	1.52	0.15	0.16	0.04
40237736		1.77			45.4	19.10	9.97	9.86	2.28	8.79	0.43	0.12	0.90	0.12	0.10	0.04
40237737		2.15			44.8	17.80	12.70	9.73	2.21	7.65	0.51	0.14	1.25	0.13	0.15	0.03
40237737 CRD		<0.02			45.9	18.25	12.80	9.98	2.26	7.88	0.53	0.14	1.22	0.13	0.15	0.03
40237738		3.15			43.9	17.15	13.70	8.62	2.19	8.70	0.74	0.38	1.29	0.14	0.14	0.04
40237739		1.99			43.2	17.15	14.25	8.86	2.07	8.37	0.76	0.80	1.33	0.15	0.13	0.03
40237740		0.11			38.7	5.76	16.35	3.91	0.69	23.8	0.24	0.26	0.42	0.15	0.04	0.01
40237741		2.75			43.2	17.05	15.10	8.94	1.91	9.15	0.70	0.30	1.23	0.14	0.14	0.03
40237742		3.91			44.2	17.90	12.80	8.81	1.97	8.59	1.05	0.46	1.16	0.14	0.11	0.04
40237743		4.62			43.3	16.60	14.10	7.36	1.85	9.49	1.28	0.46	1.35	0.17	0.15	0.04
40237744		0.82			52.8	16.30	10.45	5.59	2.04	5.56	1.88	0.03	1.32	0.10	0.13	0.02
40237745		2.72			59.0	18.30	8.90	0.70	1.77	3.52	3.57	0.03	0.82	0.04	0.11	0.01
40237746		3.63			60.5	17.45	7.08	0.76	2.39	3.10	3.21	0.03	0.79	0.03	0.10	0.01
40237747		2.58			60.1	17.60	8.82	0.82	1.93	3.12	3.39	0.03	0.80	0.04	0.11	0.01
40237748		2.41			61.1	17.65	8.31	0.76	1.60	3.09	3.39	0.03	0.80	0.03	0.12	0.01
40237749		3.78			60.2	18.20	8.79	0.76	1.12	3.31	3.94	0.03	0.83	0.03	0.11	0.01
40237750		0.53			51.4	15.00	9.63	11.65	2.12	8.62	0.19	0.03	0.49	0.15	0.03	0.03
40237751		3.73			56.0	17.75	10.85	0.64	1.64	3.21	3.98	0.03	0.80	0.03	0.10	0.01
40237752		4.37			55.8	16.80	12.55	0.62	1.91	3.07	3.69	0.02	0.73	0.03	0.10	0.01
40237753		3.79			55.5	16.50	11.05	0.59	1.75	2.97	3.78	0.02	0.71	0.03	0.09	0.01
40237754		4.52			55.1	16.95	11.20	0.54	1.64	3.03	3.89	0.02	0.74	0.03	0.10	0.01

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

***** See Appendix Page for comments regarding this certificate *****



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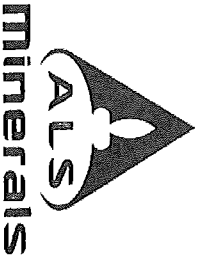
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 Finalized Date: 22-JAN-2014
 Account: KAV

Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40237717		0.15	0.50	0.08	1350	16.0	230	3.23	2.40	1.21	0.90	20.4	2.29	1.9	0.49	7.0
40237717 GRD		0.16	0.43	0.09	1425	16.8	250	3.16	2.51	1.33	1.01	20.3	2.55	1.8	0.53	7.1
40237718		0.07	0.10	0.16	680	21.3	270	3.22	3.23	1.72	1.26	19.0	3.33	2.2	0.67	9.0
40237719		0.08	0.33	0.08	774	21.2	250	4.93	3.22	1.63	1.13	20.4	3.59	2.7	0.61	9.6
40237720		0.08	0.23	0.32	716	6.3	4250	0.27	0.75	0.34	0.27	5.6	0.84	0.5	0.15	2.9
40237721		0.14	0.38	0.21	1260	18.1	190	2.27	2.56	1.31	0.69	17.6	2.57	2.1	0.52	7.8
40237722		0.13	0.58	0.11	1180	18.4	170	2.71	2.84	1.42	0.98	17.3	2.96	2.3	0.57	8.0
40237723		0.11	0.18	0.16	982	28.5	280	2.87	3.63	2.05	1.25	18.7	4.53	2.6	0.77	12.3
40237724		0.05	0.04	0.08	425	33.3	310	3.11	4.91	2.53	1.56	19.4	4.79	3.3	0.93	15.0
40237725		0.06	0.02	0.12	575	30.1	530	3.82	3.96	2.07	1.31	20.0	4.75	3.1	0.87	13.0
40237726		0.03	0.02	0.04	278	27.0	290	2.61	3.49	2.02	1.40	20.2	3.64	2.4	0.79	11.7
40237727		0.02	0.02	0.04	171.0	25.8	320	2.19	3.52	1.84	1.23	18.9	3.60	2.5	0.74	10.9
40237728		0.02	0.02	0.04	167.0	22.6	380	2.40	3.35	1.75	1.19	17.8	2.99	2.2	0.63	9.8
40237729		0.02	0.03	0.34	165.5	20.7	1520	2.81	3.08	1.55	1.05	19.2	3.28	2.0	0.65	9.1
40237730		0.02	0.09	0.11	152.0	12.9	210	0.18	2.24	1.10	0.73	16.0	1.58	0.9	0.38	6.4
40237731		0.01	0.15	2.47	101.0	10.2	1920	0.84	1.33	0.75	0.48	7.7	1.39	0.9	0.29	4.9
40237732		0.01	0.02	0.89	122.5	19.7	1770	3.23	2.85	1.81	1.13	20.2	2.91	1.9	0.72	9.0
40237733		0.02	0.04	1.23	182.0	21.3	1190	3.72	3.35	1.72	1.19	17.4	2.84	2.3	0.83	9.7
40237734		0.02	0.03	0.16	191.5	27.5	580	2.04	3.93	2.33	1.46	20.4	3.81	3.0	0.83	12.2
40237735		0.02	0.01	0.17	149.0	26.1	2750	1.88	3.97	2.16	1.27	20.7	4.00	2.7	0.79	11.8
40237736		0.01	0.01	0.14	113.0	17.0	860	1.76	2.18	1.13	0.99	17.7	2.28	1.8	0.44	7.9
40237737		0.02	0.02	0.81	137.5	26.0	1010	2.72	3.41	2.02	1.21	19.7	3.68	2.4	0.84	11.8
40237737 GRD		0.02	0.02	0.80	142.0	25.4	1050	2.73	3.55	1.90	1.27	20.0	4.06	2.7	0.78	11.8
40237738		0.02	0.03	0.97	144.5	25.3	2720	2.37	3.52	1.86	1.24	20.4	3.86	2.6	0.78	11.5
40237739		0.02	0.02	0.70	147.0	25.4	6060	2.30	3.85	2.07	1.25	22.1	3.70	2.6	0.80	11.6
40237740		0.01	0.15	2.45	99.8	9.9	1930	0.80	1.28	0.66	0.43	8.0	1.20	1.1	0.28	4.6
40237741		0.02	0.02	1.82	125.5	21.2	2180	2.56	3.22	1.67	1.11	18.7	2.74	2.2	0.65	9.5
40237742		0.03	0.02	0.58	225	21.8	3510	2.43	3.01	1.75	1.32	20.4	3.45	2.2	0.64	9.8
40237743		0.06	0.04	0.98	516	26.2	3340	3.68	3.62	2.13	1.25	20.0	3.67	3.0	0.83	11.9
40237744		0.04	0.18	0.17	331	37.8	240	2.42	4.32	2.50	1.29	22.6	4.53	3.4	0.92	17.5
40237745		0.06	0.10	0.70	517	62.5	200	4.48	4.98	3.05	1.29	26.8	5.33	4.0	1.04	31.7
40237746		0.06	0.03	0.03	543	62.5	200	2.93	4.73	2.78	1.43	24.7	4.89	4.0	0.94	32.2
40237747		0.07	0.02	0.05	616	71.8	200	3.22	4.94	2.79	1.41	25.0	5.12	4.4	1.04	36.3
40237748		0.06	0.01	0.24	544	69.5	200	4.16	4.33	2.54	1.36	24.9	5.27	4.1	0.95	35.1
40237749		0.07	0.02	0.31	611	66.4	210	5.44	4.58	2.64	1.32	26.0	6.22	4.0	0.98	33.9
40237750		0.01	0.08	0.10	110.5	10.1	260	0.12	1.50	0.88	0.60	15.9	1.59	0.9	0.33	4.8
40237751		0.29	0.29	2.88	574	65.6	190	5.41	4.87	2.93	1.37	24.0	5.07	4.1	0.97	34.2
40237752		0.05	0.89	4.60	469	62.5	170	5.22	4.60	2.77	1.33	21.4	5.07	3.7	0.91	33.3
40237753		0.06	0.88	3.97	537	66.4	180	4.87	5.31	3.14	1.59	24.2	5.93	3.7	1.12	34.6
40237754		0.06	0.80	3.92	523	67.6	180	6.25	4.70	2.70	1.34	24.4	5.28	3.6	1.05	35.6

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253**



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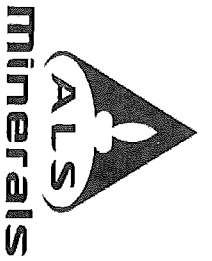
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40237717		0.18	4.6	9.0	2.27	130.5	2.31	1	187.5	0.2	0.43	0.63	1.1	0.22	0.13	112
40237717 CRD		0.21	5.2	10.3	2.15	143.0	2.29	1	185.0	0.3	0.42	0.70	1.1	0.24	0.13	122
40237718		0.28	6.9	12.8	2.72	63.5	3.01	1	279	0.4	0.53	0.75	0.9	0.23	0.17	164
40237719		0.25	7.3	12.7	2.94	111.0	3.32	1	239	0.4	0.55	0.92	0.8	0.23	0.25	169
40237720		0.06	1.3	3.0	0.76	3.8	0.85	1	51.1	<0.1	0.14	0.48	<0.5	0.05	0.13	8
40237721		0.21	5.8	9.5	2.38	259	2.49	1	75.5	0.2	0.46	0.78	1.4	0.19	0.19	140
40237722		0.24	5.4	11.2	2.46	162.5	2.57	1	149.0	0.3	0.47	1.01	2.1	0.24	0.31	135
40237723		0.34	8.5	15.8	3.74	68.8	4.16	1	249	0.4	0.63	1.19	1.1	0.27	0.26	167
40237724		0.34	9.7	18.7	4.49	26.7	4.49	1	299	0.5	0.76	1.30	0.8	0.40	0.35	188
40237725		0.29	8.8	16.8	4.08	37.0	4.37	1	350	0.4	0.70	1.28	1.6	0.36	0.28	184
40237726		0.30	7.7	15.4	3.52	19.7	3.87	1	323	0.4	0.63	1.06	<0.5	0.30	0.22	171
40237727		0.31	7.5	14.1	3.22	15.4	3.28	2	305	0.4	0.57	1.32	0.5	0.28	0.26	150
40237728		0.24	7.8	12.7	3.12	19.4	3.17	1	363	0.4	0.53	1.02	<0.5	0.23	0.26	141
40237729		0.23	5.9	12.0	2.57	24.6	2.96	1	411	0.4	0.56	0.88	<0.5	0.24	0.21	150
40237730		0.15	2.4	7.1	1.53	5.7	2.02	<1	283	0.1	0.37	0.82	<0.5	0.12	0.15	202
40237731		0.10	2.2	5.1	1.32	6.0	1.22	2	107.5	0.1	0.24	0.87	<0.5	0.10	0.15	90
40237732		0.21	5.7	11.1	2.61	10.0	2.40	1	283	0.3	0.52	1.07	<0.5	0.23	0.23	118
40237733		0.27	6.3	12.4	2.72	20.7	3.10	1	312	0.3	0.53	0.94	0.8	0.23	0.24	107
40237734		0.28	8.4	15.3	3.36	17.9	3.77	1	318	0.4	0.66	1.09	<0.5	0.32	0.26	187
40237735		0.35	7.9	14.5	3.38	12.2	3.26	1	271	0.4	0.70	1.18	<0.5	0.29	0.23	191
40237736		0.20	4.8	9.4	2.40	11.9	2.09	1	291	0.2	0.39	0.89	<0.5	0.18	0.10	107
40237737		0.27	8.1	14.2	3.39	16.1	3.71	1	284	0.4	0.61	1.07	<0.5	0.29	0.27	147
40237737 CRD		0.30	7.9	14.9	3.42	16.7	3.21	2	294	0.5	0.67	1.03	<0.5	0.27	0.27	152
40237738		0.34	7.4	13.5	3.21	26.4	3.57	2	314	0.4	0.59	1.17	<0.5	0.27	0.24	153
40237739		0.28	7.5	14.1	3.28	27.3	3.81	2	299	0.3	0.69	1.28	<0.5	0.32	0.27	174
40237740		0.12	2.3	4.7	1.13	5.9	1.11	1	109.5	0.1	0.24	0.81	<0.5	0.09	0.15	97
40237741		0.27	6.6	11.8	2.76	25.2	3.00	1	284	0.3	0.55	0.80	0.7	0.23	0.12	141
40237742		0.27	6.8	12.2	2.99	40.9	3.23	1	353	0.3	0.56	0.99	<0.5	0.27	0.16	126
40237743		0.27	7.7	15.5	3.36	51.6	3.52	1	360	0.5	0.65	1.21	0.9	0.31	0.23	143
40237744		0.41	9.8	19.9	4.79	75.0	4.12	1	156.0	0.5	0.76	1.48	0.7	0.40	0.24	203
40237745		0.52	11.7	30.9	7.67	166.0	5.63	1	74.0	0.7	0.86	9.60	1.4	0.47	9.48	193
40237746		0.46	11.0	30.8	8.00	127.0	5.54	1	97.7	0.7	0.77	8.71	0.9	0.36	5.27	166
40237747		0.41	11.7	34.2	8.77	130.5	6.62	1	99.3	0.7	0.81	9.70	0.9	0.44	5.41	157
40237748		0.42	11.5	31.7	8.34	138.5	6.31	1	75.1	0.6	0.78	9.25	1.0	0.41	5.19	160
40237749		0.42	11.5	31.6	8.33	180.5	5.99	2	84.4	0.8	0.73	9.29	1.6	0.42	5.49	166
40237750		0.11	1.7	5.5	1.23	4.3	1.42	<1	286	<0.1	0.27	0.57	<0.5	0.13	0.09	187
40237751		0.43	10.9	31.9	8.56	183.0	6.28	1	100.0	0.6	0.85	9.64	2.1	0.41	9.50	182
40237752		0.48	10.3	29.8	7.71	171.5	6.00	1	83.7	0.6	0.81	9.10	2.4	0.46	14.90	207
40237753		0.53	10.5	31.6	8.64	175.5	6.31	1	97.0	0.7	0.93	9.48	2.2	0.46	15.20	220
40237754		0.51	10.7	32.4	8.71	187.5	6.08	1	92.0	0.7	0.81	8.95	3.1	0.48	12.60	224

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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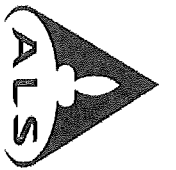
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237717	<1	12.4	1.35	0.03	66	3.6	0.04	0.033	0.38	0.6	0.02	6.70	101.87	<0.5	<5	0.6
40237717 CRD	<1	12.3	1.50	0.03	65	3.8	0.03	0.037	0.42	0.6	0.03	6.48	101.86	<0.5	<5	0.5
40237718	<1	16.1	1.68	0.02	86	5.0	0.02	0.027	0.34	0.7	0.02	4.34	99.74	<0.5	9	<0.5
40237719	<1	16.2	1.59	0.01	101	3.4	0.01	0.064	0.18	0.7	0.02	5.19	98.52	<0.5	5	<0.5
40237720	<1	3.9	0.36	0.10	19	1.2	0.10	0.018	0.51	1.2	0.12	10.45	100.07	1.0	7	1.0
40237721	<1	13.3	1.35	0.03	79	13.3	0.01	0.095	0.74	0.9	0.01	6.37	99.88	<0.5	14	<0.5
40237722	<1	13.8	1.69	0.01	82	1.9	0.01	0.044	0.40	0.6	<0.01	6.83	101.60	<0.5	<5	<0.5
40237723	<1	19.6	1.97	0.03	112	3.4	0.03	0.035	0.12	1.3	0.05	6.24	100.86	<0.5	6	<0.5
40237724	<1	23.6	2.27	0.02	127	1.3	0.02	0.019	0.06	1.0	0.02	3.60	100.02	<0.5	<5	<0.5
40237725	<1	21.8	2.65	0.01	123	1.2	0.01	0.018	0.05	1.1	0.04	2.38	98.09	<0.5	<5	0.5
40237726	<1	18.6	2.04	0.01	109	1.1	0.01	0.015	0.05	0.6	0.01	1.60	100.63	<0.5	<5	<0.5
40237727	<1	18.3	1.99	0.01	112	0.3	0.01	0.012	<0.05	0.6	0.01	1.24	100.08	<0.5	<5	<0.5
40237728	<1	16.4	1.79	0.01	90	0.7	0.01	0.010	<0.05	0.6	0.01	1.34	99.76	<0.5	<5	<0.5
40237729	<1	15.0	1.47	0.17	89	0.6	0.17	0.010	0.06	1.2	0.05	2.69	98.28	<0.5	5	<0.5
40237730	<1	9.4	0.91	0.01	37	<0.1	0.01	0.006	<0.05	0.3	<0.01	0.40	99.16	<0.5	<5	<0.5
40237731	<1	6.4	0.79	0.03	64	8.2	1.11	0.016	0.29	10.1	1.91	8.52	98.44	2.2	12	0.9
40237732	<1	14.8	1.63	0.09	99	0.7	0.37	0.009	0.08	1.8	0.06	2.02	98.49	0.6	<5	0.5
40237733	<1	15.4	1.80	0.02	100	0.6	0.52	0.019	<0.05	2.4	0.11	3.54	99.13	0.6	<5	<0.5
40237734	<1	21.2	1.89	0.04	103	0.6	0.04	0.010	<0.05	0.9	0.01	1.66	100.02	<0.5	<5	0.6
40237735	<1	19.5	1.88	0.09	97	0.3	0.09	0.009	<0.05	0.8	0.02	1.03	100.46	<0.5	<5	<0.5
40237736	<1	12.1	1.03	0.03	64	1.3	0.06	0.007	0.06	0.5	0.01	1.18	98.30	<0.5	<5	<0.5
40237737	<1	19.2	1.85	0.09	99	1.7	0.29	0.010	0.06	1.8	0.06	2.18	99.30	0.7	<5	<0.5
40237737 CRD	<1	19.1	1.79	0.009	100	1.0	0.30	0.009	0.06	1.8	0.07	2.04	101.33	0.7	<5	<0.5
40237738	<1	18.8	1.81	0.08	90	14.2	0.48	0.015	0.40	1.7	0.11	2.64	99.65	0.9	11	0.5
40237739	<1	19.3	2.04	0.01	101	10.0	0.31	0.011	0.27	1.5	0.07	1.51	98.63	0.6	10	<0.5
40237740	<1	6.5	0.55	0.03	32	7.6	1.07	0.008	0.28	10.1	1.90	9.00	99.34	2.4	<5	0.9
40237741	<1	15.6	1.52	0.50	87	0.5	0.50	0.016	<0.05	3.8	0.16	2.48	100.39	1.5	<5	0.7
40237742	<1	17.3	1.53	0.35	87	6.4	0.35	0.010	0.36	1.3	0.06	2.05	99.31	0.6	7	0.5
40237743	<1	19.4	1.82	0.29	108	1.3	0.29	0.014	0.14	2.1	0.11	3.64	99.85	0.9	5	0.5
40237744	1	23.4	2.45	0.05	124	4.5	0.05	0.014	0.29	1.0	0.02	3.00	99.26	<0.5	10	<0.5
40237745	1	27.6	2.93	0.05	142	2.6	0.05	0.015	0.13	1.5	0.03	3.87	100.70	<0.5	<5	<0.5
40237746	1	23.9	2.34	0.02	141	16.7	0.02	0.010	0.16	1.0	0.02	3.40	98.91	<0.5	14	<0.5
40237747	1	25.1	2.96	0.03	152	12.9	0.03	0.009	0.31	1.0	0.03	3.43	99.34	<0.5	17	<0.5
40237748	1	23.3	2.71	0.10	143	19.9	0.10	0.013	0.52	1.2	0.05	3.63	100.58	<0.5	25	<0.5
40237749	1	24.9	2.59	0.15	143	18.1	0.15	0.008	0.31	1.3	0.04	4.00	101.40	<0.5	18	<0.5
40237750	<1	8.1	0.88	0.01	27	0.2	0.01	0.005	<0.05	0.3	<0.01	0.62	99.97	<0.5	<5	<0.5
40237751	2	26.3	2.89	0.18	139	42.0	0.18	0.013	0.37	1.8	0.07	4.46	101.58	<0.5	48	0.6
40237752	3	27.7	2.98	0.26	140	27.6	0.26	0.011	0.43	2.5	0.10	5.45	100.73	<0.5	24	0.5
40237753	2	30.2	3.01	0.18	137	34.0	0.18	0.016	0.43	2.4	0.09	5.20	98.26	<0.5	31	1.0
40237754	1	27.6	3.35	0.36	137	54.0	0.36	0.016	0.66	2.6	0.09	5.08	98.39	<0.5	63	1.6

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.** **

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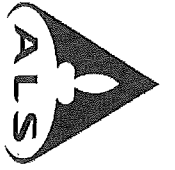
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40237717		56	135	100	36	327	16	13	151	0.004	0.0234	0.029				
40237717 CRD		57	132	100	40	337	11	15	132	0.003	0.0227	0.032				
40237718		52	160	70	9	290	2	17	96	0.007	0.0098	0.011				
40237719		53	155	70	7	291	<2	18	97	0.004	0.0041	0.008				
40237720		137	545	<10	<1	1775	60	10	200	0.021	0.0062	0.004				
40237721		49	147	70	13	292	2	17	91	0.002	0.0019	0.006				
40237722		60	138	80	36	460	3	20	91	0.003	0.0048	0.024				
40237723		70	927	90	<1	832	4	19	108	0.015	0.0509	0.129				
40237724		50	450	40	<1	439	<2	20	86	0.009	0.0233	0.059				
40237725		50	596	30	<1	389	<2	19	87	0.010	0.0152	0.078				
40237726		45	112	20	<1	283	<2	16	78	0.002	0.0037	0.016				
40237727		48	106	20	<1	278	3	15	78	0.002	0.0051	0.007				
40237728		50	119	20	<1	274	<2	15	76	0.002	0.0054	0.018				
40237729		64	768	30	<1	581	3	14	77	0.016	0.0632	0.133				
40237730		44	44	10	<1	52	4	31	58	<0.001	<0.0005	<0.001				
40237731		191	4900	10	<1	630	12	14	77	0.177	0.443	0.240				
40237732		92	2120	30	<1	1500	2	12	79	0.030	0.0801	0.234				
40237733		110	1980	40	<1	1440	4	14	79	0.030	0.0542	0.198				
40237734		54	294	20	<1	298	<2	20	93	0.006	0.0131	0.021				
40237735		60	371	10	<1	404	3	20	102	0.007	0.0216	0.052				
40237736		52	195	20	<1	324	2	12	76	0.004	0.0069	0.024				
40237737		84	1665	20	1	977	3	17	91	0.021	0.0297	0.144				
40237737 CRD		84	1615	20	<1	962	2	19	90	0.0405	0.0405	0.136				
40237738		105	1660	30	2	946	5	19	107	0.035	0.0558	0.166				
40237739		90	1465	30	<1	878	6	21	121	0.022	0.0532	0.155				
40237740		204	5320	10	2	6890	16	15	78	0.173	0.391	0.229				
40237741		133	3970	30	<1	2370	3	16	98	0.052	0.0615	0.405				
40237742		83	1265	40	1	789	5	18	103	0.018	0.0292	0.143				
40237743		106	2640	60	<1	1530	3	20	118	0.035	0.0501	0.289				
40237744		39	258	50	6	169	9	24	140	0.003	0.0064	0.011				
40237745		24	170	60	11	108	12	22	211	0.001	0.0030	0.003				
40237746		21	125	60	4	136	6	21	92	0.001	0.0030	0.007				
40237747		26	144	70	3	204	9	22	93	0.001	0.0056	0.018				
40237748		31	495	60	6	244	10	22	112	0.002	0.0143	0.032				
40237749		28	230	70	4	143	9	23	150	0.002	0.0031	0.011				
40237750		49	60	<10	<1	91	<2	34	57	<0.001	<0.0005	<0.001				
40237751		28	152	50	10	105	23	22	231	0.001	0.0018	0.003				
40237752		34	183	50	21	140	32	21	213	0.001	0.0020	0.003				
40237753		30	168	50	22	150	29	21	251	0.001	0.0018	0.003				
40237754		30	143	50	21	159	28	22	400	0.001	0.0016	0.003				

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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Project: EB80000943

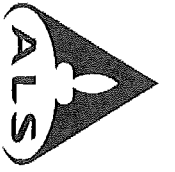
CERTIFICATE OF ANALYSIS TB13228477

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01
40237717	PGM-ICP27	Pt	ppm	0.03												
40237717 CRD																
40237718																
40237719																
40237720																
40237721																
40237722																
40237723																
40237724																
40237725																
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40237737																
40237737 CRD																
40237738																
40237739																
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40237754																

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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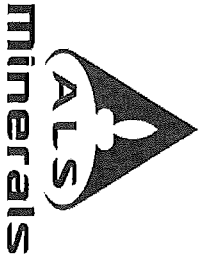
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Account: KAV

Project: EB80000943
CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units	ME-ICP81 S %	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40237717					
40237717 CRD					
40237718					
40237719					
40237720					
40237721					
40237722					
40237723					
40237724					
40237725					
40237726					
40237727					
40237728					
40237729					
40237730					
40237731					
40237732					
40237733					
40237734					
40237735					
40237736					
40237737					
40237737 CRD					
40237738					
40237739					
40237740					
40237741					
40237742					
40237743					
40237744					
40237745					
40237746					
40237747					
40237748					
40237749					
40237750					
40237751					
40237752					
40237753					
40237754					

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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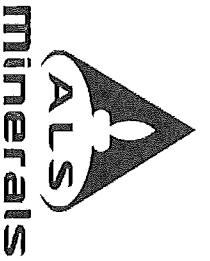
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40237755		4.33	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40237756		4.20			55.5	17.25	10.65	0.63	1.79	3.14	3.83	0.02	0.75	0.04	0.10	0.01
40237757		4.47			55.8	17.60	10.95	0.35	1.31	3.19	4.30	0.03	0.77	0.03	0.11	0.01
40237757 CRD		<0.02			55.6	17.25	11.70	0.32	1.46	3.18	4.14	0.02	0.76	0.03	0.11	0.01
40237758		6.09			57.0	17.65	11.95	0.32	1.50	3.23	4.21	0.03	0.77	0.03	0.11	0.01
40237759		3.42			56.8	17.70	11.95	0.28	1.48	3.24	4.15	0.03	0.78	0.03	0.11	0.01
40237760		0.16			55.8	17.30	11.10	0.46	1.44	3.24	3.87	0.02	0.75	0.03	0.10	0.01
40237761		3.23			35.8	3.11	13.80	2.04	0.28	32.6	0.12	0.61	0.27	0.16	0.04	0.01
40237762		3.54			57.5	17.70	11.40	0.43	1.46	3.28	3.97	0.03	0.78	0.03	0.10	0.01
40237763		3.85			55.7	16.95	12.20	0.35	1.41	3.10	4.03	0.02	0.75	0.04	0.03	0.02
40237764		3.89	83.2	88.7	55.9	16.70	12.65	0.65	1.52	3.14	3.72	0.03	0.75	0.04	0.11	0.01
40237765		4.26			55.7	16.25	11.25	0.67	1.44	3.04	3.73	0.02	0.72	0.03	0.08	0.06
40238000		0.63			57.9	15.65	9.94	0.86	1.80	2.99	3.41	0.02	0.68	0.04	0.11	0.01
40238001		3.78			51.8	16.05	9.47	0.86	1.64	2.99	3.41	0.02	0.68	0.04	0.11	0.01
40238002		4.35			45.6	20.9	8.98	10.55	1.92	10.35	0.35	0.32	0.75	0.11	0.07	0.04
40238003		3.75			44.8	19.60	9.23	9.92	1.76	10.50	0.75	0.41	0.70	0.11	0.08	0.04
40238004		3.70			44.2	19.30	9.73	8.29	1.25	10.50	2.18	0.56	0.80	0.17	0.08	0.06
40238005		4.10			41.6	19.05	9.07	9.26	1.43	10.65	1.22	0.89	0.65	0.15	0.06	0.04
40238006		1.76			43.3	20.7	9.37	9.37	1.64	10.10	1.25	0.83	0.72	0.12	0.08	0.04
40238007		4.40			44.6	19.10	11.35	10.60	1.91	9.16	0.33	0.03	0.85	0.14	0.11	0.03
40238008		4.91			45.3	18.45	11.75	10.25	2.19	9.15	0.40	0.09	1.39	0.14	0.17	0.03
40238009		3.88			45.6	18.95	11.40	10.10	2.38	8.17	0.38	0.11	1.36	0.13	0.15	0.04
40238010		0.11			44.6	17.90	11.75	9.75	2.22	9.30	0.35	0.09	1.26	0.14	0.14	0.03
40238011		3.14			38.2	5.76	16.30	3.79	0.70	24.3	0.23	0.27	0.44	0.15	0.04	0.01
40238011 CRD		<0.02			45.9	18.85	12.30	2.32	2.32	8.54	0.37	0.08	1.29	0.14	0.15	0.04
40238012		3.64			45.5	18.70	12.20	10.05	2.29	8.43	0.36	0.08	1.28	0.14	0.14	0.03
40238013		3.21			44.8	19.75	11.25	10.10	2.26	7.74	0.37	0.04	1.02	0.12	0.11	0.04
40238014		2.42			45.2	19.35	11.10	10.05	2.29	7.99	0.47	0.05	1.20	0.13	0.14	0.04
40238015		3.80			44.0	18.75	11.30	9.72	2.14	8.31	0.41	0.08	1.14	0.13	0.12	0.04
40238016		2.75			44.9	18.70	12.00	9.86	2.31	8.51	0.38	0.08	1.30	0.14	0.14	0.04
40238017		1.82			45.9	19.25	11.40	10.10	2.31	8.72	0.38	0.10	1.27	0.14	0.15	0.04
40238018		3.16			46.3	18.30	10.50	10.20	2.35	8.08	0.36	0.06	1.10	0.14	0.12	0.03
40238019		4.03			46.9	18.90	11.50	9.82	2.47	8.41	0.50	0.11	1.35	0.15	0.17	0.04
40238020		0.65			46.3	19.20	11.85	10.30	2.36	8.45	0.38	0.07	1.32	0.14	0.15	0.04
40238021		5.03			52.6	14.90	10.40	11.65	2.29	8.19	0.37	0.03	0.65	0.16	0.04	0.03
40238022		4.40			46.0	18.75	12.10	10.10	2.28	9.46	0.34	0.06	1.20	0.14	0.13	0.03
40238023		4.11			46.1	18.75	11.85	10.35	2.31	8.75	0.41	0.08	1.41	0.14	0.15	0.03
40238024		4.74			45.6	18.40	11.40	10.30	2.34	8.31	0.39	0.07	1.17	0.13	0.13	0.03
40238025		4.42			46.2	19.50	11.15	10.70	2.43	7.04	0.47	0.05	1.38	0.14	0.15	0.04
40238026		4.65			47.1	20.1	11.05	10.50	2.51	7.79	0.44	0.04	1.25	0.13	0.15	0.04
					45.8	19.10	12.30	10.10	2.42	7.57	0.39	0.04	1.40	0.14	0.16	0.04

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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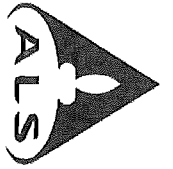
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Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40237755	0.06	0.63	3.48	3.48	546	65.1	200	5.81	5.39	2.96	1.59	24.6	5.41	3.9	1.05	33.6
40237756	0.07	0.50	3.65	3.65	629	66.7	180	8.21	4.78	2.82	1.29	24.9	5.51	3.4	1.04	33.9
40237757	0.06	0.56	4.48	4.48	576	65.2	180	8.07	5.37	3.23	1.41	24.8	5.16	3.7	1.09	32.8
40237757 CRD	0.07	0.53	4.19	4.19	563	64.0	180	7.73	4.89	2.57	1.40	24.8	5.55	3.7	1.02	32.6
40237758	0.06	0.68	4.21	4.21	557	64.2	190	10.10	4.80	2.82	1.49	25.9	5.60	3.7	1.07	32.8
40237759	0.06	0.88	3.44	3.44	524	64.9	210	7.10	5.39	2.62	1.54	24.2	5.38	3.7	1.09	33.2
40237760	0.08	0.23	0.39	0.39	709	5.9	4480	0.22	0.74	0.39	0.21	5.3	0.87	0.5	0.16	3.1
40237761	0.06	0.93	3.80	3.80	551	67.0	190	7.99	4.99	3.26	1.54	25.6	5.86	3.8	1.06	35.5
40237762	0.06	1.19	4.72	4.72	517	65.8	180	6.62	5.29	3.29	1.44	24.4	5.80	3.7	1.05	35.2
40237763	0.06	1.29	4.46	4.46	501	65.0	180	5.36	5.20	3.39	1.54	24.3	5.58	3.6	1.12	35.0
40237764	0.05	1.56	4.15	4.15	455	63.6	170	5.32	5.03	3.27	1.43	24.2	5.44	3.5	1.05	34.7
40237765	0.05	2.65	3.49	3.49	490	70.4	160	5.12	5.85	3.81	1.64	22.9	6.08	4.0	1.23	38.9
40238000	0.02	0.11	0.11	0.11	160.0	15.7	100	0.09	1.96	1.09	0.78	18.5	2.12	1.2	0.41	8.3
40238001	0.01	0.02	0.04	0.04	106.0	13.7	2430	1.71	2.04	1.15	0.78	18.3	1.89	1.4	0.43	6.7
40238002	0.03	0.02	0.06	0.06	277	14.2	3080	1.90	1.90	1.31	0.80	18.5	2.01	1.5	0.38	6.8
40238003	0.14	0.04	0.17	0.17	1205	13.6	4110	3.09	1.87	1.05	0.83	18.3	1.93	1.4	0.39	6.4
40238004	0.05	0.13	0.10	0.10	398	9.9	6630	4.70	1.37	0.85	0.62	18.1	1.48	1.0	0.31	4.8
40238005	0.05	0.03	0.17	0.17	439	13.3	6170	4.17	1.74	1.16	0.79	19.6	2.05	1.2	0.42	6.4
40238006	0.01	0.05	0.05	0.05	107.5	17.1	220	1.38	2.34	1.38	0.99	17.7	2.38	1.6	0.48	8.2
40238007	0.02	0.04	0.61	0.61	139.0	27.0	640	2.06	3.83	2.34	1.18	19.3	3.59	2.9	0.77	12.7
40238008	0.02	0.02	0.37	0.37	138.5	26.3	840	1.70	3.48	2.25	1.23	20.8	3.84	2.6	0.72	12.6
40238009	0.01	0.04	0.25	0.25	125.0	22.8	670	1.41	3.21	1.97	1.13	20.0	3.27	2.3	0.66	10.8
40238010	0.01	0.15	2.49	2.49	96.5	9.7	2020	0.67	1.15	0.87	0.38	7.9	1.40	0.8	0.27	4.9
40238011	0.02	0.02	0.74	0.74	107.5	25.0	580	1.59	3.52	2.13	1.28	20.6	3.30	2.4	0.65	11.5
40238011 CRD	0.02	0.02	0.66	0.66	132.0	24.5	560	1.61	3.42	2.13	1.22	20.0	3.56	2.4	0.70	11.5
40238012	0.01	0.03	0.82	0.82	121.5	19.5	330	2.17	2.63	1.68	1.04	19.4	2.75	1.9	0.52	9.2
40238013	0.02	0.04	0.31	0.31	149.5	21.8	340	1.64	2.88	1.81	1.12	19.6	3.20	2.0	0.60	10.4
40238014	0.02	0.04	0.46	0.46	139.0	20.9	580	2.18	3.04	1.89	1.11	18.9	3.10	2.0	0.60	10.2
40238015	0.02	0.02	0.48	0.48	134.5	22.8	610	1.31	3.11	1.88	1.18	19.4	3.27	2.3	0.66	10.8
40238016	0.02	0.02	0.35	0.35	154.0	24.1	730	1.53	3.35	2.02	1.22	20.2	3.18	2.5	0.69	11.2
40238017	0.01	0.03	0.17	0.17	136.0	24.2	430	2.30	3.09	1.98	1.18	20.0	3.18	2.4	0.67	11.5
40238018	0.02	0.03	0.20	0.20	193.5	26.3	770	1.95	3.41	2.08	1.29	20.3	3.69	2.6	0.71	12.3
40238019	0.02	0.03	0.45	0.45	136.5	20.9	530	1.94	3.48	2.24	1.22	20.3	3.64	2.4	0.68	11.6
40238020	0.02	0.12	0.12	0.12	167.0	15.2	230	0.12	2.09	1.33	0.81	18.3	1.96	1.2	0.40	7.9
40238021	0.01	0.02	0.41	0.41	130.0	21.4	460	0.67	2.95	1.71	1.17	19.8	3.18	2.2	0.60	10.1
40238022	0.02	0.02	0.40	0.40	149.5	25.2	550	1.02	3.36	2.00	1.19	19.8	3.60	2.5	0.74	11.8
40238023	0.01	0.02	0.31	0.31	135.5	23.6	520	1.41	3.11	1.88	1.25	19.9	3.36	2.3	0.66	11.1
40238024	0.02	0.01	0.37	0.37	148.0	25.0	340	1.05	3.59	2.18	1.30	20.1	3.62	2.5	0.71	11.7
40238025	0.02	0.01	0.25	0.25	144.0	22.7	300	1.02	2.95	1.83	1.26	20.7	3.24	2.2	0.59	10.9
40238026	0.02	0.03	0.80	0.80	139.5	26.3	270	2.46	3.69	2.15	1.26	20.7	3.61	2.5	0.72	12.3

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**



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Page: 4 - C
 Total # Pages: 6 (A - G)
 Plus Appendix Pages
 Finalized Date: 22-JAN-2014
 Account: KAV

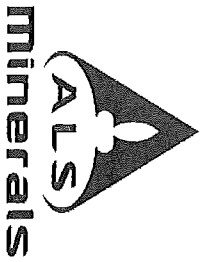
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Tm ppm	Ti ppm	Tm ppm	U ppm	V ppm	Sr ppm	Ta ppm	Tb ppm	Tm ppm	Ti ppm	Tm ppm	U ppm	V ppm	
40237755	0.52	10.7	32.3	8.38	175.5	6.30	2	99.6	0.6	0.80	9.29	3.1	12.80	251										
40237756	0.54	10.6	31.0	8.48	208	6.34	2	89.0	0.6	0.85	9.28	4.2	0.48	256										
40237757	0.50	10.5	31.0	8.38	199.0	6.09	1	97.8	0.6	0.85	9.59	4.2	0.48	222										
40237757 CRD	0.48	10.2	30.8	8.10	196.0	6.36	1	98.6	0.6	0.80	9.09	3.5	0.42	215										
40237758	0.46	10.6	31.2	8.20	203	6.63	2	99.0	0.6	0.82	9.26	4.2	0.47	238										
40237759	0.49	10.3	30.2	8.36	177.5	6.79	1	80.8	0.6	0.87	9.12	3.7	0.44	230										
40237760	0.04	1.4	2.9	0.70	3.7	0.73	1	51.2	<0.1	0.13	0.44	<0.5	0.08	31										
40237761	0.51	10.7	35.0	9.03	187.0	6.83	1	98.7	0.7	0.83	8.82	4.0	0.51	237										
40237762	0.54	10.2	34.1	8.68	191.5	7.08	1	114.5	0.7	0.92	8.70	4.5	0.48	234										
40237763	0.56	10.5	33.7	8.71	173.0	6.97	1	106.5	0.7	0.91	8.93	4.3	0.52	247										
40237764	0.54	10.6	33.0	8.74	170.0	6.92	1	89.0	0.7	0.84	9.16	4.3	0.50	251										
40237765	0.66	10.8	37.0	9.59	152.0	7.12	1	130.0	0.7	1.04	10.05	4.0	0.64	307										
40238000	0.15	3.2	8.8	2.02	6.1	2.11	<1	313	0.1	0.32	1.35	<0.5	0.19	193										
40238001	0.13	3.9	8.4	1.87	10.4	1.84	1	316	0.2	0.32	0.67	<0.5	0.15	108										
40238002	0.15	4.3	8.3	1.85	28.8	2.15	1	389	0.2	0.31	0.69	0.7	0.17	110										
40238003	0.14	4.0	7.9	1.80	90.2	2.03	<1	477	0.2	0.31	0.55	1.8	0.15	127										
40238004	0.10	2.9	5.8	1.34	52.6	1.56	<1	317	0.2	0.22	0.43	1.6	0.13	120										
40238005	0.13	3.9	7.9	1.83	56.2	1.74	1	364	0.2	0.30	0.55	0.7	0.16	120										
40238006	0.16	4.6	10.3	2.39	10.0	2.11	1	283	0.3	0.38	0.69	<0.5	0.19	96										
40238007	0.25	8.4	15.9	3.68	12.1	3.77	1	291	0.5	0.64	1.10	<0.5	0.31	155										
40238008	0.29	7.6	15.7	3.46	10.9	3.71	1	303	0.4	0.64	1.15	<0.5	0.31	160										
40238009	0.24	7.0	13.1	3.15	9.7	3.09	1	280	0.4	0.52	0.98	<0.5	0.29	148										
40238010	0.08	2.2	5.3	1.24	6.1	1.28	2	114.0	0.1	0.18	0.75	<0.5	0.10	106										
40238011	0.26	7.4	15.8	3.39	10.7	3.31	1	301	0.4	0.57	1.12	<0.5	0.26	148										
40238011 CRD	0.26	7.1	13.9	3.32	10.1	3.44	1	292	0.4	0.58	1.02	<0.5	0.28	146										
40238012	0.18	5.6	11.2	2.63	10.5	2.89	1	328	0.3	0.43	0.88	<0.5	0.23	123										
40238013	0.23	6.5	12.9	2.95	15.1	2.90	1	320	0.4	0.51	0.93	<0.5	0.22	138										
40238014	0.21	6.4	12.4	2.80	13.9	2.88	1	297	0.3	0.50	0.85	<0.5	0.26	133										
40238015	0.25	6.9	13.5	3.09	10.8	3.18	1	292	0.4	0.50	0.98	<0.5	0.26	144										
40238016	0.26	7.3	14.4	3.34	11.4	3.32	1	300	0.4	0.56	1.07	0.5	0.28	135										
40238017	0.23	7.0	13.9	3.26	13.0	3.46	1	299	0.5	0.58	1.41	<0.5	0.30	127										
40238018	0.28	8.0	14.5	3.35	16.6	3.53	1	301	0.5	0.57	1.17	<0.5	0.28	148										
40238019	0.27	7.3	14.8	3.38	10.4	3.45	1	303	0.4	0.57	0.99	<0.5	0.28	151										
40238020	0.14	3.1	8.5	2.06	7.1	2.08	<1	309	0.2	0.35	1.18	<0.5	0.16	227										
40238021	0.22	6.2	12.5	3.08	7.9	2.96	1	288	0.3	0.50	0.87	<0.5	0.25	138										
40238022	0.28	7.6	14.6	3.46	11.2	3.40	1	293	0.4	0.62	1.04	<0.5	0.28	154										
40238023	0.25	6.8	13.7	3.14	11.5	3.49	1	312	0.4	0.60	1.00	<0.5	0.28	136										
40238024	0.22	7.5	15.3	3.37	14.1	3.31	1	307	0.5	0.60	1.07	<0.5	0.29	159										
40238025	0.21	6.6	13.3	2.99	11.9	3.39	1	320	0.4	0.48	0.89	<0.5	0.26	137										
40238026	0.28	8.0	15.3	3.52	11.0	3.80	1	308	0.5	0.57	1.08	<0.5	0.30	149										

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.** **

**** See Appendix Page for comments regarding this certificate ****



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Project: EB80000943

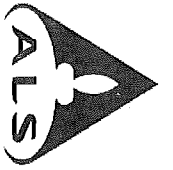
CERTIFICATE OF ANALYSIS TB13228477

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 Plus Appendix Pages
 Finalized Date: 22-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237755	2	29.2	3.03	0.03	135	38.5	0.31	0.017	0.65	2.6	0.08	4.91	98.68	0.6	35	2.2
40237756	2	28.7	3.11	0.03	133	39.9	0.35	0.012	0.90	2.6	0.07	5.08	99.60	0.7	40	2.6
40237757	2	28.4	3.10	0.03	135	41.7	0.37	0.016	0.97	1.9	0.09	5.07	99.71	0.5	43	0.6
40237758 CRD	2	28.2	2.91	0.03	134	59.0	0.37	0.009	0.98	1.9	0.09	5.02	101.90	0.5	57	0.6
40237758	2	27.6	3.45	0.03	132	44.5	0.36	0.010	1.73	2.3	0.09	5.09	101.71	0.6	41	2.1
40237759	2	29.2	3.14	0.03	134	58.1	0.31	0.013	1.47	2.2	0.11	5.06	99.24	<0.5	54	0.9
40237760	<1	4.1	0.42	0.03	20	1.5	0.11	0.029	0.55	1.2	0.14	10.40	99.32	1.7	<5	0.5
40237761	2	30.5	3.62	0.03	130	48.6	0.35	0.017	1.66	2.2	0.09	5.22	101.97	0.5	48	0.8
40237762	2	30.2	3.56	0.03	127	48.6	0.46	0.014	1.27	2.2	0.11	5.76	100.49	0.6	58	1.9
40237763	2	31.3	3.57	0.03	128	46.2	0.40	0.017	1.32	3.1	0.16	5.80	101.08	0.7	46	2.7
40237764	2	30.4	3.45	0.03	126	56.2	0.47	0.011	1.60	2.8	0.15	5.93	98.95	0.8	56	2.8
40237765	3	36.4	4.43	0.03	142	34.2	0.47	0.020	4.12	3.3	0.13	6.79	100.25	0.9	32	2.0
40238000	<1	10.3	1.01	0.03	42	0.4	0.01	<0.005	<0.05	0.3	<0.01	0.53	100.42	<0.5	5	<0.5
40238001	<1	10.4	1.02	0.03	54	0.2	0.01	0.005	<0.05	0.4	0.01	1.14	101.09	<0.5	<5	<0.5
40238002	<1	10.6	1.16	0.03	52	0.2	0.01	0.010	<0.05	0.5	0.02	2.18	100.11	<0.5	<5	<0.5
40238003	<1	10.2	0.95	0.03	53	0.4	0.05	0.017	0.19	1.1	0.07	4.69	101.95	<0.5	<5	<0.5
40238004	<1	7.4	0.79	0.03	35	1.2	0.04	0.013	0.07	0.7	0.03	4.53	98.65	<0.5	<5	<0.5
40238005	<1	10.1	1.05	0.03	49	<0.1	0.08	0.009	0.04	1.0	0.05	2.94	100.33	<0.5	<5	<0.5
40238006	<1	12.5	1.20	0.03	59	0.3	0.40	0.014	<0.05	2.8	0.15	2.28	100.48	1.2	<5	<0.5
40238007	<1	20.4	2.08	0.03	109	0.2	0.20	0.011	<0.05	2.4	0.10	1.06	100.39	0.8	<5	<0.5
40238008	<1	19.4	2.10	0.03	94	0.4	0.21	0.006	<0.05	1.6	0.06	0.86	99.65	0.6	<5	<0.5
40238009	<1	17.4	1.76	0.03	85	0.5	0.08	0.010	<0.05	1.1	0.05	0.53	98.07	0.5	<5	<0.5
40238010	<1	6.8	0.69	0.03	31	7.6	1.20	0.016	0.26	9.3	1.76	8.66	98.86	2.6	10	0.7
40238011	<1	18.6	1.79	0.03	91	0.7	0.25	0.007	0.06	2.3	0.11	0.76	100.96	0.9	<5	<0.5
40238011 CRD	<1	17.9	1.70	0.03	90	0.7	0.25	0.011	<0.05	2.3	0.11	0.83	100.05	0.9	5	<0.5
40238012	<1	14.4	1.43	0.03	68	0.5	0.32	0.011	<0.05	2.9	0.15	1.69	99.30	1.3	<5	<0.5
40238013	<1	16.6	1.58	0.03	79	1.3	0.11	0.007	<0.05	1.3	0.05	0.87	98.90	0.5	<5	<0.5
40238014	<1	15.8	1.61	0.03	78	0.2	0.17	0.011	<0.05	1.7	0.07	2.15	98.31	0.7	<5	<0.5
40238015	<1	16.9	1.75	0.03	89	0.5	0.19	0.008	<0.05	1.6	0.07	0.64	99.02	0.7	<5	<0.5
40238016	<1	18.2	1.69	0.03	91	3.3	0.09	0.026	0.14	1.1	0.05	0.91	100.69	<0.5	9	<0.5
40238017	<1	18.0	1.87	0.03	93	25.3	0.04	0.010	0.08	0.9	0.04	2.39	99.94	<0.5	23	<0.5
40238018	<1	19.1	1.92	0.03	94	14.4	0.16	0.012	0.21	1.1	0.05	1.65	101.99	<0.5	10	<0.5
40238019	<1	18.6	1.94	0.03	90	0.4	0.14	0.009	<0.05	1.8	0.06	0.96	101.54	0.7	<5	<0.5
40238020	<1	11.1	1.16	0.03	41	0.1	0.01	<0.005	<0.05	0.4	0.01	0.60	101.93	<0.5	<5	<0.5
40238021	<1	16.0	1.48	0.03	81	0.1	0.14	0.008	<0.05	1.2	0.05	0.03	100.63	0.5	<5	<0.5
40238022	<1	18.9	1.95	0.03	95	0.1	0.13	0.011	<0.05	1.3	0.04	0.40	100.75	<0.5	<5	<0.5
40238023	<1	17.5	1.73	0.03	87	0.4	0.07	<0.005	<0.05	0.8	0.03	0.70	98.98	<0.5	<5	<0.5
40238024	11	18.7	1.97	0.03	91	0.3	0.12	<0.005	<0.05	1.1	0.04	0.62	99.89	0.5	<5	<0.5
40238025	1	16.5	1.62	0.03	88	0.3	0.10	<0.005	<0.05	0.8	0.03	0.38	101.50	<0.5	<5	<0.5
40238026	<1	19.1	2.01	0.03	98	0.4	0.24	<0.005	<0.05	2.2	0.10	1.74	101.22	1.4	5	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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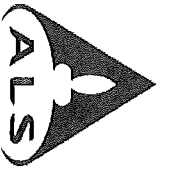
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	AU-AA26 Au ppm	PGM-ICP27 Au ppm
40237755		26	144	50	20	162	44	22	459	0.001	0.0017	0.002				
40237756		27	130	70	18	156	46	23	567	0.002	0.0017	0.002				
40237757		29	122	70	15	133	37	22	266	0.003	0.0018	0.003				
40237757 CRD		31	127	70	16	137	40	22	281	0.003	0.0016	0.003				
40237758		30	119	80	18	146	39	22	497	0.005	0.0024	0.003				
40237759		27	129	70	18	137	33	23	340	0.003	0.0019	0.003				
40237760		137	554	<10	2	1700	55	10	194	0.012	0.0061	0.004				
40237761		27	119	<10	17	132	32	22	297	0.005	0.0024	0.003				
40237762		30	126	60	22	143	33	21	461	0.004	0.0024	0.003				
40237763		28	209	50	23	143	163	21	668	0.005	0.0031	0.004				
40237764		26	181	50	25	150	38	22	530	0.004	0.0028	0.004				
40237765		26	211	50	37	183	40	22	413	0.006	0.0036	0.005				
40238000		45	46	<10	<1	46	2	28	60	<0.001	<0.0005	<0.001				
40238001		54	78	20	<1	480	<2	9	67	0.001	0.0031	0.006				
40238002		58	207	40	<1	534	<2	9	74	0.004	0.0103	0.041				
40238003		64	1030	100	1	823	3	11	87	0.041	0.0514	0.193				
40238004		65	464	70	1	688	<2	7	82	0.007	0.0242	0.077				
40238005		88	760	60	<1	880	<2	8	87	0.019	0.0414	0.203				
40238006		84	3870	20	<1	1745	7	10	80	0.051	0.161	0.550				
40238007		78	2500	10	<1	1400	2	15	87	0.058	0.110	0.356				
40238008		65	1600	10	<1	931	<2	15	88	0.037	0.0599	0.289				
40238009		65	945	10	<1	711	<2	15	90	0.021	0.0402	0.225				
40238010		208	5520	20	2	6910	15	15	82	0.177	0.327	0.249				
40238011		79	2620	10	<1	1350	4	17	93	0.046	0.0748	0.424				
40238011 CRD		76	2560	10	<1	1280	<2	16	88	0.045	0.0737	0.384				
40238012		86	3680	10	<1	1820	5	12	80	0.078	0.155	0.609				
40238013		68	1240	10	<1	836	<2	14	91	0.026	0.0402	0.209				
40238014		70	1665	20	<1	992	2	13	88	0.031	0.0536	0.273				
40238015		72	1715	10	<1	1025	2	14	91	0.031	0.0588	0.240				
40238016		70	953	10	<1	628	<2	15	89	0.013	0.0240	0.135				
40238017		57	585	20	<1	515	<2	14	80	0.008	0.0168	0.067				
40238018		67	820	20	1	592	<2	15	94	0.018	0.0366	0.140				
40238019		67	2010	10	<1	1020	2	16	84	0.038	0.0920	0.318				
40238020		49	52	<10	<1	52	<2	30	65	0.001	<0.0005	0.001				
40238021		75	1305	10	<1	905	<2	15	88	0.020	0.0459	0.161				
40238022		72	1275	10	<1	854	2	17	89	0.021	0.0337	0.183				
40238023		69	942	10	<1	695	<2	13	87	0.015	0.0389	0.155				
40238024		64	1415	10	<1	771	<2	16	87	0.021	0.0413	0.136				
40238025		58	866	10	<1	581	<2	13	83	0.014	0.0221	0.120				
40238026		84	3890	10	<1	1685	<2	14	90	0.060	0.143	0.528				

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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Project: EB80000943

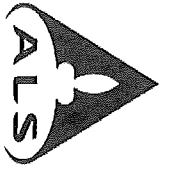
CERTIFICATE OF ANALYSIS TB13228477

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Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01
40237755																
40237756																
40237757																
40237757 CRD																
40237758																
40237759																
40237760																
40237761																
40237762																
40237763																
40237764																
40237765																
40238000																
40238001																
40238002																
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40238004																
40238005																
40238006																
40238007																
40238008																
40238009																
40238010																
40238011																
40238011 CRD																
40238012																
40238013																
40238014																
40238015																
40238016																
40238017																
40238018																
40238019																
40238020																
40238021																
40238022																
40238023																
40238024																
40238025																
40238026																

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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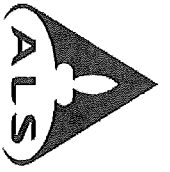
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40237755					
40237756					
40237757					
40237757 CRD					
40237758					
40237759					
40237760					
40237761					
40237762					
40237763					
40237764					
40237765					
40238000					
40238001					
40238002					
40238003					
40238004					
40238005					
40238006					
40238007					
40238008					
40238009					
40238010					
40238011					
40238011 CRD					
40238012					
40238013					
40238014					
40238015					
40238016					
40238017					
40238018					
40238019					
40238020					
40238021					
40238022					
40238023					
40238024					
40238025					
40238026					

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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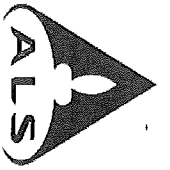
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Mg2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40238027		3.06			46.9	19.60	11.10	10.70	2.40	8.07	0.42	0.04	1.35	0.14	0.15	0.04
40238028		4.60			47.3	20.0	11.25	10.80	2.46	7.53	0.43	0.05	1.35	0.14	0.15	0.04
40238029		4.91			47.0	17.90	12.55	10.60	2.45	7.88	0.43	0.04	1.51	0.14	0.18	0.03
40238030		0.16			37.7	3.19	14.05	2.09	0.25	32.3	0.62	0.28	0.28	0.17	0.04	<0.01
40238031		4.59			46.8	19.00	12.50	10.15	2.39	7.08	0.54	0.08	1.44	0.15	0.17	0.03
40238031 CRD		<0.02			46.3	18.85	12.30	9.98	2.36	7.07	0.52	0.07	1.39	0.14	0.15	0.03
40238032		4.55			47.2	19.10	11.75	10.05	2.47	6.51	0.67	0.04	1.48	0.16	0.17	0.04
40238033		4.49			47.5	21.3	10.40	10.90	2.45	5.91	0.46	0.02	1.16	0.12	0.15	0.04
40238034		4.44			47.8	18.55	12.25	9.90	2.50	7.59	0.43	0.03	1.37	0.15	0.15	0.03
40238035		4.67			47.4	16.80	13.70	10.00	2.69	6.68	0.52	0.02	1.83	0.16	0.22	0.03
40238036		4.76			47.5	18.45	12.55	10.55	2.62	6.63	0.48	0.03	1.55	0.14	0.19	0.04
40238037		3.71			47.0	19.10	12.15	10.25	2.33	7.72	0.41	0.04	1.25	0.14	0.16	0.04
40238038		4.38			47.0	18.45	11.95	10.30	2.58	7.25	0.34	0.04	1.31	0.13	0.15	0.04
40238039		1.43			47.0	17.15	13.50	9.54	2.59	7.74	0.38	0.05	1.36	0.15	0.19	0.03
40238040		0.77			52.6	15.10	10.15	11.15	2.24	8.10	0.36	0.03	0.64	0.16	0.06	0.04
40238041		1.58			45.9	20.1	13.25	10.00	2.31	6.50	0.57	0.02	1.17	0.12	0.13	0.04
40238042		4.32			45.5	18.60	15.50	9.23	2.35	7.06	0.61	0.02	1.28	0.14	0.16	0.04
40238043		4.20			46.6	18.85	13.50	9.53	2.44	7.04	0.60	0.03	1.38	0.15	0.15	0.04
40238044		2.18			46.5	17.75	13.15	9.33	2.50	6.95	0.72	0.03	1.56	0.15	0.18	0.04
40238045		4.63			47.5	17.55	13.70	9.25	2.65	7.51	0.59	0.03	1.75	0.16	0.18	0.04
40238046		4.79			46.8	18.75	11.85	9.42	2.64	7.20	0.53	0.04	1.48	0.14	0.17	0.04
40238047		4.27			47.4	18.40	12.65	9.46	2.70	7.29	0.50	0.03	1.56	0.15	0.18	0.04
40238048		4.91			47.3	18.15	12.75	9.27	2.68	7.50	0.58	0.03	1.67	0.15	0.21	0.04
40238049		4.43			47.1	19.50	11.45	9.37	2.59	7.01	0.77	0.08	1.44	0.14	0.17	0.04
40238050		0.17			36.9	3.16	13.80	1.97	0.21	31.5	0.10	0.60	0.28	0.16	0.05	0.01
40238051		4.07			45.5	16.85	13.15	9.61	2.45	7.17	0.51	0.03	1.67	0.17	0.20	0.03
40238051 CRD		<0.02			45.6	16.80	13.10	9.20	2.53	7.08	0.56	0.02	1.70	0.17	0.21	0.04
40238052		1.32			45.9	17.45	13.25	9.06	2.54	7.41	0.63	0.03	1.70	0.16	0.19	0.04
40238053		2.77			46.6	17.25	12.75	8.59	2.63	8.79	0.52	0.03	1.54	0.15	0.18	0.04
40238054		4.55	89.2	88.5	46.6	16.70	13.30	8.88	2.73	7.14	0.58	0.03	1.85	0.16	0.21	0.04
40238055		4.31			47.5	17.95	12.95	9.36	2.77	6.48	0.70	0.03	1.92	0.16	0.23	0.04
40238056		2.07			46.3	18.15	11.90	9.25	2.57	6.97	0.69	0.03	1.58	0.15	0.20	0.05
40238057		3.31			45.5	17.95	13.10	7.78	2.37	6.94	1.47	0.03	1.58	0.18	0.19	0.06
40238058		1.90			48.0	18.15	11.90	6.56	2.41	7.31	2.09	0.03	0.87	0.15	0.11	0.05
40238059		1.77			43.7	16.85	14.55	6.38	2.00	7.63	2.29	0.03	1.46	0.20	0.16	0.06
40238060		0.54			51.8	15.30	9.85	10.70	2.31	8.03	0.34	0.03	0.61	0.15	0.06	0.04
40238061		1.34			65.9	14.75	4.97	3.70	4.22	2.27	1.97	0.01	0.48	0.07	0.07	0.05
40238062		2.52			71.1	14.40	3.08	4.61	4.61	1.20	2.56	<0.01	0.28	0.05	0.10	0.05
40238063		2.98			68.1	14.80	3.47	2.73	4.52	1.57	2.52	0.01	0.33	0.06	0.11	0.05
40238064		3.11			65.7	16.15	3.90	3.45	4.95	1.46	2.35	<0.01	0.43	0.05	0.15	0.08

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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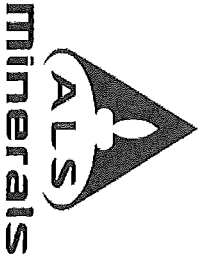
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Table with columns: Sample Description, Method Analyte Units LOR, ME-ICP06 BaO %, C-IR07 C %, S-IR08 S %, ME-MS81 Ba ppm, ME-MS81 Ce ppm, ME-MS81 Cr ppm, ME-MS81 Cs ppm, ME-MS81 Dy ppm, ME-MS81 Er ppm, ME-MS81 Eu ppm, ME-MS81 Ga ppm, ME-MS81 Gd ppm, ME-MS81 Hf ppm, ME-MS81 Ho ppm, ME-MS81 La ppm. Rows include sample IDs like 40238027, 40238028, 40238029, 40238030, 40238031 CRD, 40238032, 40238033, 40238034, 40238035, 40238036, 40238037, 40238038, 40238039, 40238040, 40238041, 40238042, 40238043, 40238044, 40238045, 40238046, 40238047, 40238048, 40238049, 40238050, 40238051 CRD, 40238052, 40238053, 40238054, 40238055, 40238056, 40238057, 40238058, 40238059, 40238060, 40238061, 40238062, 40238063, 40238064.

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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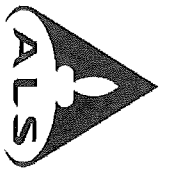
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CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm							
40238027		0.27	7.5	14.9	3.40	11.2	3.53	318	0.4	0.57	1.03	<0.5	0.25	0.25	143							
40238028		0.24	7.3	14.7	3.33	11.8	3.62	322	0.4	0.52	1.03	<0.5	0.29	0.24	143							
40238029		0.31	8.6	16.3	3.69	12.2	3.96	314	0.5	0.64	1.17	<0.5	0.34	0.31	181							
40238030		0.06	1.3	3.1	0.75	3.7	0.84	49.9	0.1	0.14	0.51	<0.5	0.06	0.13	30							
40238031		0.28	7.8	14.7	3.35	18.0	3.44	330	0.4	0.65	1.11	<0.5	0.32	0.27	180							
40238031 CRD																						
40238032		0.24	7.4	14.1	3.22	17.9	3.25	328	0.4	0.55	1.03	<0.5	0.29	0.25	171							
40238033		0.31	7.8	14.8	3.40	24.6	3.65	349	0.5	0.58	1.09	<0.5	0.30	0.26	174							
40238034		0.24	6.8	12.0	2.85	13.5	3.01	354	0.4	0.48	0.97	<0.5	0.24	0.23	117							
40238035		0.24	6.9	13.1	3.03	12.9	3.51	310	0.4	0.51	0.99	<0.5	0.24	0.24	160							
40238036		0.37	10.9	20.4	4.74	16.0	4.88	308	0.6	0.80	1.59	<0.5	0.39	0.39	231							
40238037		0.32	9.3	17.6	3.91	14.9	4.28	333	0.6	0.63	1.32	<0.5	0.35	0.32	177							
40238038		0.23	7.0	14.3	3.25	12.6	3.55	322	0.4	0.55	1.10	<0.5	0.28	0.28	141							
40238039		0.27	7.7	14.9	3.43	9.9	3.47	326	0.5	0.55	1.20	<0.5	0.27	0.29	161							
40238040		0.33	10.0	18.1	4.29	12.3	4.54	304	0.6	0.73	1.58	<0.5	0.38	0.35	154							
40238041		0.14	2.6	7.4	1.69	6.8	1.86	302	0.2	0.30	1.02	<0.5	0.15	0.20	219							
40238042		0.22	6.6	12.2	2.87	24.6	3.04	338	0.4	0.47	0.99	<0.5	0.23	0.26	123							
40238043		0.26	7.3	13.6	3.22	27.7	3.39	312	0.4	0.53	1.04	<0.5	0.28	0.26	132							
40238044		0.27	7.8	14.4	3.41	25.1	3.42	330	0.4	0.56	1.14	<0.5	0.27	0.30	151							
40238045		0.31	8.6	16.8	3.85	31.6	3.93	322	0.5	0.68	1.29	<0.5	0.34	0.28	168							
40238046		0.31	8.5	15.9	3.67	22.0	4.02	324	0.5	0.61	1.29	<0.5	0.31	0.29	205							
40238047		0.28	8.4	15.8	3.60	16.8	3.58	334	0.5	0.61	1.24	<0.5	0.30	0.39	164							
40238048		0.29	8.6	16.4	3.75	15.8	4.03	323	0.5	0.66	1.35	<0.5	0.33	0.37	174							
40238049		0.34	10.2	19.1	4.28	18.5	4.84	322	0.6	0.72	1.45	<0.5	0.35	0.37	181							
40238050		0.31	8.6	16.3	3.82	27.2	4.13	379	0.5	0.81	1.34	<0.5	0.31	0.34	166							
40238051		0.05	1.4	3.3	0.74	3.8	0.81	49.9	0.1	0.14	0.49	<0.5	0.07	0.13	27							
40238051 CRD																						
40238052		0.33	9.9	19.0	4.41	16.8	4.41	281	0.6	0.70	1.50	<0.5	0.33	0.36	181							
40238053		0.33	10.0	18.8	4.29	18.7	4.42	294	0.6	0.72	1.52	<0.5	0.36	0.35	179							
40238054		0.31	9.3	17.8	3.98	19.6	4.25	328	0.6	0.71	1.34	<0.5	0.33	0.31	181							
40238055		0.32	8.9	16.4	3.72	15.3	4.17	310	0.5	0.62	1.35	<0.5	0.34	0.35	167							
402380554		0.39	11.0	20.3	4.67	15.7	5.05	312	0.6	0.78	1.68	<0.5	0.39	0.40	205							
40238055		0.38	11.5	21.7	4.99	21.0	5.06	360	0.7	0.82	1.75	<0.5	0.43	0.45	205							
40238056		0.34	9.9	19.0	4.39	21.7	4.41	390	0.6	0.71	1.49	<0.5	0.34	0.35	172							
40238057		0.30	9.9	18.4	4.13	53.8	4.31	456	0.6	0.70	1.38	0.5	0.36	0.33	165							
40238058		0.17	5.0	11.6	2.77	74.4	2.53	448	0.3	0.34	1.36	0.5	0.18	0.32	105							
40238059		0.29	8.4	15.5	3.52	87.8	3.77	492	0.5	0.58	1.17	0.8	0.30	0.29	166							
40238060		0.14	2.5	7.4	1.65	6.3	1.73	316	0.1	0.32	0.97	<0.5	0.14	0.16	211							
40238061		0.05	3.8	11.4	3.42	56.4	1.88	406	0.3	0.16	3.18	<0.5	0.07	0.60	78							
40238062		0.07	4.9	21.6	5.88	82.1	4.73	555	0.5	0.25	6.09	<0.5	0.07	1.33	37							
40238063		0.08	4.3	22.4	6.13	79.8	3.25	555	0.6	0.23	5.80	<0.5	0.08	1.71	53							
40238064		0.10	3.9	21.8	5.99	82.3	3.30	701	0.4	0.23	6.20	<0.5	0.11	1.43	60							

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80000943

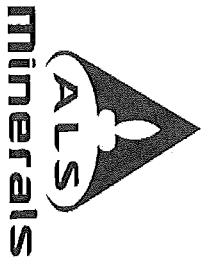
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Account: KAV

Table with columns: Sample Description, Method Analyte Units, LOR, ME-MS81 W ppm, ME-MS81 Y ppm, ME-MS81 Yb ppm, ME-MS81 Zr ppm, ME-MS42 As ppm, ME-MS42 Bi ppm, ME-MS42 Hg ppm, ME-MS42 Sb ppm, ME-MS42 Se ppm, ME-MS42 Te ppm, OA-GRA05 LOI %, TOT-ICP06 Total %, ME-4ACD81 Ag ppm, ME-4ACD81 As ppm, ME-4ACD81 Cd ppm.

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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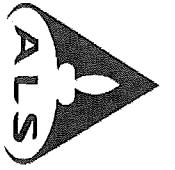
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CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	NI-OG62 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40238027		58	919	10	<1	543	<2	15	86	0.017	0.0316	0.144				
40238028		59	1345	10	<1	749	<2	14	85	0.018	0.0350	0.202				
40238029		65	1180	10	<1	613	2	19	93	0.023	0.0327	0.155				
40238030		140	573	<10	1	1760	56	10	196	0.014	0.0066	0.004				
40238031		66	2420	10	<1	1030	3	16	92	0.057	0.0995	0.472				
40238031 CRD		69	2670	10	<1	1190	<2	17	91	0.054	0.0857	0.473				
40238032		54	2000	20	<1	818	<2	16	88	0.041	0.0857	0.320				
40238033		53	1740	10	<1	831	<2	11	73	0.033	0.0514	0.305				
40238034		53	223	10	<1	264	<2	17	90	0.004	0.0124	0.026				
40238035		50	227	10	1	177	<2	23	109	0.003	0.0074	0.015				
40238036		49	593	10	<1	416	<2	17	92	0.009	0.0174	0.088				
40238037		67	1765	10	<1	753	6	15	91	0.029	0.0425	0.203				
40238038		51	234	10	<1	269	3	14	85	0.003	0.0063	0.020				
40238039		52	537	10	<1	344	2	16	93	0.015	0.0207	0.077				
40238040		49	43	<10	<1	53	2	31	65	<0.001	<0.0005	<0.001				
40238041		74	3670	10	<1	2010	5	11	72	0.076	0.192	0.832				
40238042		101	5750	10	<1	2540	7	13	83	0.105	0.199	0.957				
40238043		81	4050	10	<1	1670	6	15	91	0.115	0.190	0.635				
40238044		85	3790	10	<1	1540	6	22	95	0.097	0.395	0.625				
40238045		65	732	10	<1	450	5	20	105	0.016	0.0234	0.097				
40238046		55	887	10	<1	507	3	16	95	0.017	0.0317	0.171				
40238047		63	1520	10	<1	657	3	19	102	0.034	0.0639	0.227				
40238048		63	1605	10	<1	827	2	17	100	0.035	0.0659	0.311				
40238049		56	877	20	<1	526	3	14	93	0.021	0.0285	0.120				
40238050		141	558	<10	3	1800	61	10	202	0.018	0.0062	0.004				
40238051		53	527	20	<1	343	5	19	114	0.010	0.0164	0.067				
40238051 CRD		55	453	20	<1	320	5	20	114	0.007	0.0106	0.061				
40238052		56	171	20	<1	228	4	20	107	0.003	0.0057	0.005				
40238053		59	152	10	<1	289	3	17	99	0.004	0.0079	0.016				
40238054		58	826	10	<1	384	4	22	113	0.015	0.0245	0.179				
40238055		53	713	20	<1	371	4	21	107	0.014	0.0239	0.109				
40238056		54	643	30	<1	467	4	17	99	0.012	0.0446	0.161				
40238057		79	2640	40	<1	1080	5	16	103	0.040	0.0677	0.366				
40238058		84	2680	30	<1	1130	5	11	88	0.036	0.0805	0.298				
40238059		96	4870	50	1	1890	11	18	99	0.073	0.0934	0.617				
40238060		49	60	<10	<1	58	3	31	65	0.001	0.0005	0.002				
40238061		17	111	20	<1	62	5	8	53	0.002	0.0047	0.010				
40238062		6	61	20	<1	16	8	4	48	0.001	0.0018	0.007				
40238063		8	17	20	<1	14	8	6	55	0.001	<0.0005	0.001				
40238064		10	25	20	<1	14	11	5	67	0.001	<0.0005	0.001				

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

***** See Appendix Page for comments regarding this certificate *****



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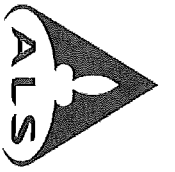
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03	ME-ICP81 Al2O3 % 0.01	ME-ICP81 AS % 0.01	ME-ICP81 CAO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01
40238027																
40238028																
40238029																
40238030																
40238031																
40238031 CRD																
40238032																
40238033																
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Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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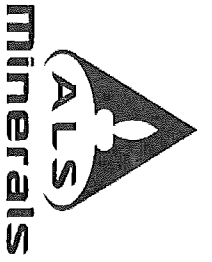
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CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP81 S %	ME-ICP81 SiO2 %	ME-ICP81 TiO2 %	ME-ICP81 Zn %
40238027		0.01	0.2	0.01	0.01
40238028					
40238029					
40238030					
40238031					
40238031 CRD					
40238032					
40238033					
40238034					
40238035					
40238036					
40238037					
40238038					
40238039					
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40238044					
40238045					
40238046					
40238047					
40238048					
40238049					
40238050					
40238051					
40238051 CRD					
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40238063					
40238064					

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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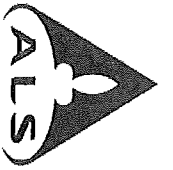
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 Total # Pages: 6 (A - G)
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Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	WEL-21 Revid Wt. kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SIO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40238065		3.67	0.02	0.01	69.1	15.45	3.33	2.91	4.59	1.34	2.75	0.01	0.34	0.05	0.11	0.08
40238066		2.14			71.8	13.95	2.67	2.40	3.56	0.84	4.64	<0.01	0.24	0.04	0.11	0.06
40238225		0.58			51.6	15.10	9.84	10.70	2.27	8.32	0.26	0.03	0.62	0.16	0.06	0.04
40238226		4.18			43.7	17.40	11.90	9.39	1.94	9.97	0.34	0.88	1.27	0.14	0.13	0.03
40238227		4.63			44.5	18.80	11.40	9.90	2.15	8.10	0.36	0.70	1.28	0.14	0.15	0.03
40238228		3.95			43.9	18.20	12.20	9.75	1.98	9.52	0.33	0.96	1.24	0.15	0.11	0.03
40238229		4.53			42.1	19.55	11.90	9.59	1.78	9.46	0.34	1.74	1.14	0.13	0.11	0.03
40238229 CRD		<0.02			42.5	19.75	12.05	9.63	1.83	9.50	0.35	1.78	1.17	0.13	0.11	0.03
40238230		4.17			41.5	19.10	12.60	9.62	1.85	9.85	0.37	2.12	1.31	0.15	0.15	0.03
40238231		3.66			45.6	18.05	11.90	10.30	2.08	9.10	0.40	0.60	1.36	0.15	0.15	0.03
40238232		4.43			44.8	18.65	12.25	10.10	2.07	8.63	0.35	0.85	1.34	0.15	0.13	0.03
40238233		4.65			44.6	19.10	11.35	9.68	2.08	8.70	0.38	0.77	1.16	0.14	0.15	0.03
40238234		4.19			45.6	18.15	12.15	9.35	2.15	8.08	0.67	0.54	1.48	0.15	0.16	0.04
40238235		0.16			36.9	18.10	13.80	2.06	0.23	32.0	0.11	0.58	0.27	0.16	0.03	0.01
40238236		4.03			46.3	17.75	12.70	7.69	1.86	9.02	0.95	0.19	1.14	0.13	0.11	0.04
40238237		4.27			45.1	17.60	13.05	8.45	2.11	7.76	0.93	0.11	1.39	0.14	0.13	0.04
40238238		1.82			43.0	18.40	14.05	6.03	1.64	6.71	2.30	0.12	0.93	0.10	0.09	0.05
40238239		0.34			31.8	10.20	37.6	4.06	1.06	5.39	0.71	0.06	0.70	0.13	0.08	0.02
40238240		3.70			43.5	18.10	17.10	8.04	2.12	6.68	0.71	0.03	0.84	0.12	0.10	0.03
40238241		0.11			38.5	5.78	16.15	3.87	0.69	23.7	0.24	0.27	0.44	0.15	0.04	0.01
40238242		1.50			53.0	17.35	9.91	5.39	1.68	4.61	2.33	0.03	1.10	0.09	0.15	0.02
40238243		2.91			58.1	17.25	9.75	1.67	1.44	3.80	4.32	0.03	0.88	0.07	0.12	0.02
40238244		4.23			59.9	16.90	8.92	0.54	1.21	3.19	4.73	0.03	0.84	0.05	0.13	0.01
40238245		0.55			52.3	15.15	9.81	11.20	2.27	8.38	0.27	0.67	0.67	0.16	0.07	0.03
40238246		3.96			56.0	16.30	14.35	0.45	1.08	2.99	4.38	0.03	0.85	0.05	0.12	0.01
40238247		1.89			51.0	15.40	19.45	0.38	1.10	2.85	4.01	0.03	0.80	0.04	0.11	0.01
40238248		1.33			10.55	3.38	60.5	0.17	0.25	1.26	0.47	0.05	0.25	0.04	0.02	<0.01
40238249		0.68			51.7	13.60	10.35	11.50	2.05	9.01	0.25	0.05	0.66	0.17	0.06	0.03
40238249 CRD		<0.02			52.8	13.90	10.50	11.75	2.07	9.18	0.26	0.05	0.66	0.17	0.05	0.03
40238250		0.12			0.56	0.07	40.3	0.29	0.03	0.14	0.02	0.06	0.03	0.05	0.01	<0.01
40238251		2.02			62.4	16.10	9.75	0.38	1.63	2.86	3.74	0.03	0.78	0.04	0.13	0.01
40238252		0.92			63.5	16.30	8.83	0.35	1.46	2.64	4.01	0.03	0.80	0.04	0.12	0.01
40238253		0.34			28.2	6.69	32.2	0.13	0.41	1.31	0.92	0.01	0.32	0.02	0.08	<0.01
40238254		0.67			51.8	13.85	10.05	11.30	2.11	9.06	0.22	0.04	0.59	0.16	0.05	0.03
40238255		2.13			65.4	14.35	7.53	0.52	2.04	2.62	2.96	0.02	0.71	0.04	0.11	0.02

Comments: **Corrected Copy for PGM-MSZ4 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**



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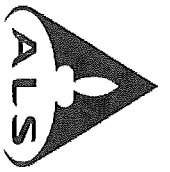
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Table with columns: Sample Description, Method Analyte Units, ME-ICP06 BaO %, C-IR07 C %, S-IR08 S %, ME-MS81 Ba ppm, ME-MS81 Ce ppm, ME-MS81 Cr ppm, ME-MS81 Cs ppm, ME-MS81 Dy ppm, ME-MS81 Er ppm, ME-MS81 Eu ppm, ME-MS81 Ga ppm, ME-MS81 Gd ppm, ME-MS81 Hf ppm, ME-MS81 Ho ppm, ME-MS81 La ppm. Rows include sample IDs like 40238065, 40238066, 40238225, 40238226, 40238227, 40238228, 40238229, 40238230, 40238231, 40238232, 40238233, 40238234, 40238235, 40238236, 40238237, 40238238, 40238239, 40238240, 40238241, 40238242, 40238243, 40238244, 40238245, 40238246, 40238247, 40238248, 40238249, 40238250, 40238251, 40238252, 40238253, 40238254, 40238255.

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743*** Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

***** See Appendix Page for comments regarding this certificate *****



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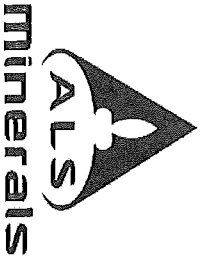
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40238065	0.08	4.0	24.7	7.10	10.35	84.1	3.44	1	699	0.5	0.22	7.74	<0.5	0.08	1.35	48
40238066	0.07	3.3	35.2	10.35	17.6	114.5	4.79	1	491	0.2	0.32	12.20	<0.5	0.09	0.91	62
40238225	0.14	2.5	7.1	1.76	5.9	1.66	1.66	<1	302	0.2	0.29	1.10	<0.5	0.14	0.19	216
40238226	0.26	6.1	13.8	3.05	9.2	9.2	3.15	1	247	0.4	0.52	1.06	<0.5	0.26	0.30	120
40238227	0.30	7.5	14.8	3.40	3.40	9.3	3.98	1	278	0.5	0.58	1.26	<0.5	0.29	0.31	134
40238228	0.20	5.5	11.5	2.51	2.55	8.7	2.66	1	268	0.4	0.40	0.87	<0.5	0.19	0.23	206
40238229	0.20	5.0	11.6	2.55	2.42	9.5	2.68	1	277	0.3	0.43	0.84	<0.5	0.19	0.24	79
40238229 CRD	0.22	5.1	10.8	2.42	2.42	9.6	2.43	1	276	0.4	0.41	0.89	<0.5	0.21	0.23	77
40238230	0.28	7.1	14.8	3.29	3.29	10.0	3.36	1	250	0.5	0.52	1.02	<0.5	0.26	0.31	46
40238231	0.27	7.2	15.1	3.37	3.37	11.4	3.72	1	272	0.5	0.59	1.17	<0.5	0.29	0.29	171
40238232	0.24	6.4	12.8	2.85	2.85	9.0	3.29	1	280	0.4	0.49	0.98	<0.5	0.28	0.29	147
40238233	0.25	7.1	15.2	3.28	3.28	10.5	3.54	1	300	0.5	0.56	1.00	<0.5	0.29	0.28	116
40238234	0.32	7.6	16.2	3.48	3.48	19.3	3.68	1	307	0.6	0.62	1.33	<0.5	0.28	0.43	172
40238235	0.08	1.3	3.4	0.85	0.85	3.5	0.84	1	52.4	0.1	0.13	0.55	<0.5	0.05	0.11	24
40238235	0.26	6.5	15.3	3.27	3.27	27.1	3.19	1	37.4	0.4	0.47	1.69	0.7	0.23	0.63	174
40238237	0.26	6.6	14.2	3.13	3.13	29.4	3.31	1	326	0.4	0.53	1.19	1.0	0.25	0.42	182
40238238	0.20	5.0	10.9	2.60	2.60	79.3	2.66	1	468	0.4	0.35	1.03	1.2	0.18	0.38	144
40238239	0.18	3.8	9.2	2.19	2.19	29.4	2.15	2	157.0	0.3	0.27	1.43	1.6	0.16	0.63	218
40238240	0.18	4.7	11.1	2.54	2.54	23.9	2.55	1	307	0.3	0.30	1.26	0.7	0.17	0.48	133
40238241	0.09	2.1	5.7	1.34	1.34	6.3	1.38	2	120.0	0.1	0.19	0.85	<0.5	0.12	0.21	102
40238242	0.33	9.4	24.3	6.00	6.00	95.5	4.98	2	230	0.6	0.67	4.66	1.2	0.31	1.92	173
40238243	0.32	9.5	28.6	7.12	7.12	171.0	5.74	2	148.0	0.7	0.64	7.13	0.9	0.34	3.63	170
40238244	0.39	10.7	33.2	8.69	8.69	196.0	6.55	2	124.5	0.8	0.73	8.89	1.0	0.37	3.90	166
40238245	0.13	2.7	8.3	2.7	2.7	6.8	1.91	<1	307	0.2	0.30	1.14	<0.5	0.14	0.21	235
40238246	0.37	10.3	29.2	7.47	7.47	158.5	5.98	2	107.0	0.7	0.68	7.23	0.9	0.34	3.04	156
40238247	0.31	9.3	28.1	6.98	6.98	139.0	4.72	2	104.0	0.7	0.55	7.69	1.3	0.31	3.52	160
40238248	0.07	1.9	7.5	1.83	1.83	22.0	1.73	2	21.9	0.1	0.20	1.39	2.2	0.08	0.93	123
40238249	0.15	2.5	8.0	1.80	1.80	5.5	1.91	<1	265	0.2	0.30	1.05	<0.5	0.14	0.22	237
40238249 CRD	0.15	2.5	7.8	1.76	1.76	5.7	2.00	<1	272	0.1	0.34	1.15	<0.5	0.15	0.17	238
40238250	0.01	0.5	0.8	0.21	0.21	0.3	0.17	4	2.3	<0.1	0.01	0.08	0.5	<0.01	0.34	37
40238251	0.36	9.5	28.0	6.99	6.99	133.5	5.35	3	83.9	0.7	0.62	7.99	0.8	0.33	3.83	142
40238252	0.38	9.8	30.7	8.07	8.07	158.0	5.95	3	81.9	0.7	0.72	7.68	0.6	0.37	3.11	131
40238253	0.16	4.1	15.5	3.83	3.83	34.9	3.42	34	26.1	0.3	0.36	3.37	7.1	0.15	1.37	53
40238254	0.13	1.9	6.7	1.46	1.46	4.9	1.53	<1	278	0.2	0.28	0.85	<0.5	0.14	0.13	208
40238255	0.29	8.6	22.7	5.99	5.99	107.5	4.86	2	167.5	0.6	0.57	6.74	<0.5	0.30	2.66	113

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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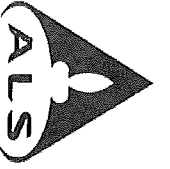
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238065		3	5.8	0.49	147	<0.1	0.05	<0.005	<0.05	0.3	<0.01	1.48	101.66	<0.5	<5	<0.5
40238066		<1	7.6	0.51	160	1.3	0.04	<0.005	0.64	0.3	0.01	1.26	101.74	<0.5	5	<0.5
40238225		1	9.6	0.94	41	0.1	0.02	<0.005	<0.05	0.5	0.01	0.51	99.53	<0.5	<5	<0.5
40238226		<1	17.2	1.62	85	<0.1	0.03	0.005	<0.05	0.9	0.03	2.40	99.51	<0.5	<5	<0.5
40238227		<1	19.7	1.87	96	0.1	0.04	<0.005	<0.05	1.1	0.04	1.89	99.42	<0.5	<5	<0.5
40238228		<1	14.7	1.32	72	<0.1	0.06	<0.005	<0.05	1.1	0.04	1.39	99.77	<0.5	<5	<0.5
40238229		<1	14.9	1.26	69	<0.1	0.18	<0.005	<0.05	1.4	0.07	2.03	99.91	<0.5	<5	<0.5
40238229 CRD		<1	14.7	1.34	72	<0.1	0.18	<0.005	<0.05	1.4	0.07	2.18	101.02	<0.5	6	<0.5
40238230		<1	18.7	1.82	93	<0.1	0.05	0.005	<0.05	1.1	0.04	2.03	99.69	<0.5	8	<0.5
40238231		<1	20.1	1.79	99	<0.1	0.03	<0.005	<0.05	0.8	0.02	1.87	101.61	<0.5	6	<0.5
40238232		<1	17.7	1.69	86	<0.1	0.02	<0.005	<0.05	0.7	0.02	1.23	100.59	<0.5	<5	<0.5
40238233		<1	18.9	1.72	91	<0.1	0.03	<0.005	<0.05	0.7	0.02	1.45	99.61	<0.5	<5	<0.5
40238234		<1	20.4	1.82	101	1.2	0.11	<0.005	0.05	1.3	0.05	1.39	99.93	<0.5	6	<0.5
40238235		<1	4.1	0.42	21	1.2	0.11	0.023	0.38	1.3	0.13	10.55	99.90	1.3	<5	0.5
40238236		<1	16.4	1.67	88	2.2	0.30	0.006	0.09	1.4	0.06	3.41	101.31	<0.5	<5	<0.5
40238237		<1	17.7	1.76	91	3.7	0.37	0.006	0.11	1.9	0.08	2.25	99.09	<0.5	<5	<0.5
40238238		1	11.8	1.13	67	11.0	0.92	0.038	0.30	3.0	0.12	5.13	98.64	0.7	14	0.5
40238239		1	9.7	1.08	56	22.7	1.40	0.047	0.42	10.5	0.27	5.02	96.85	1.3	23	0.5
40238240		<1	12.3	1.02	64	11.7	0.47	0.006	0.32	3.6	0.10	2.22	99.61	0.7	13	0.6
40238241		<1	7.0	0.69	31	7.5	1.13	0.005	0.20	9.6	1.87	8.59	98.44	2.5	9	0.5
40238242		1	22.3	2.18	132	6.2	0.20	<0.005	0.26	1.0	0.03	2.85	98.56	<0.5	9	<0.5
40238243		1	22.0	2.37	127	5.6	0.25	0.010	0.24	1.2	0.07	3.62	101.16	<0.5	9	<0.5
40238244		1	25.7	2.39	144	4.8	0.15	<0.005	0.27	1.1	0.03	3.86	100.41	<0.5	7	<0.5
40238245		<1	10.7	0.86	43	<0.1	0.02	<0.005	<0.05	0.4	<0.01	0.71	101.07	<0.5	5	<0.5
40238246		1	21.5	2.26	130	11.0	0.22	0.018	0.65	3.0	0.08	4.04	100.74	<0.5	11	<0.5
40238247		3	19.9	2.08	125	8.9	0.39	0.036	0.25	5.5	0.10	4.91	100.17	0.7	13	<0.5
40238248		<1	6.0	0.47	25	54.5	2.26	0.091	1.46	21.9	0.59	11.80	88.75	2.6	52	<0.5
40238249		<1	10.6	0.98	40	0.2	0.02	<0.005	<0.05	0.4	<0.01	0.59	100.04	<0.5	<5	<0.5
40238249 CRD		<1	10.8	1.02	41	0.2	0.02	<0.005	<0.05	0.3	<0.01	0.51	101.95	<0.5	<5	<0.5
40238250		1	0.6	<0.03	2	2.5	4.27	0.122	0.51	52.0	7.03	15.60	57.16	14.4	<5	0.9
40238251		1	21.2	2.16	151	23.3	1.37	0.279	1.38	2.3	0.46	3.51	101.43	5.1	29	0.9
40238252		1	23.1	2.41	155	8.9	0.61	0.165	0.50	0.7	0.06	3.52	101.69	1.9	14	<0.5
40238253		1	11.5	1.08	79	>250	121.0	0.500	41.0	37.1	14.80	8.71	79.02	26.8	775	58.6
40238254		<1	9.0	0.82	33	0.4	0.05	<0.005	<0.05	0.3	0.01	0.53	99.80	<0.5	<5	<0.5
40238255		1	18.1	2.04	147	6.2	0.97	0.217	0.53	0.8	0.05	3.19	99.56	2.3	5	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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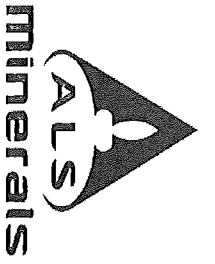
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	NI-OG62 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40238065		8	18	20	<1	13	11	5	62	0.001	<0.0005	<0.001	0.001	0.001	0.001	0.03
40238066		5	21	10	<1	9	13	3	44	0.001	<0.0005	<0.001	0.001	0.001	0.001	0.05
40238225		51	97	<10	<1	81	<2	29	60	0.001	<0.0005	<0.001	>1.00	>1.00	10.60	4.57
40238226		68	499	20	<1	607	3	17	103	0.010	0.0247	0.110	0.001	0.004	2.89	3.17
40238227		61	802	10	<1	575	2	13	101	0.017	0.0271	0.168	0.004	0.004		
40238228		70	674	10	<1	651	3	14	110	0.018	0.0450	0.202	0.001	0.001		
40238229		75	1040	20	<1	982	3	11	118	0.027	0.0534	0.336	0.001	0.001		
40238229 CRD		78	1065	20	<1	1000	2	12	122	0.031	0.0577	0.349	0.001	0.001		
40238230		70	591	20	<1	671	4	17	134	0.017	0.0293	0.210	0.001	0.001		
40238231		58	347	20	<1	448	4	16	101	0.008	0.0159	0.092	0.001	0.001		
40238232		60	247	10	<1	413	2	17	106	0.006	0.0176	0.091	0.001	0.001		
40238233		60	270	20	<1	437	<2	14	99	0.008	0.0184	0.086	0.001	0.001		
40238234		62	837	20	1	641	4	18	103	0.023	0.0402	0.263	0.001	0.001		
40238235		139	555	<10	2	1770	57	10	197	0.015	0.0056	0.004	0.001	0.001		
40238236		80	947	60	1	729	6	15	96	0.020	0.0330	0.207	0.001	0.001		
40238237		92	1430	40	<1	938	8	18	96	0.030	0.0553	0.258	0.001	0.001		
40238238		156	2080	110	2	1400	12	12	94	0.043	0.0830	0.373	0.001	0.001		
40238239		582	6230	10	17	4760	16	17	137	0.053	0.0372	0.351	0.001	0.001		
40238240		192	2330	20	4	1660	12	11	99	0.029	0.0446	0.227	0.001	0.001		
40238241		207	5280	10	2	7030	20	15	80	0.183	0.433	0.285	0.001	0.001		
40238242		48	668	40	1	340	15	18	104	0.012	0.0149	0.066	0.001	0.001		
40238243		46	674	70	1	495	20	20	122	0.018	0.0371	0.087	0.001	0.001		
40238244		38	447	70	1	292	18	19	120	0.009	0.0106	0.044	0.001	0.001		
40238245		52	87	<10	<1	73	2	32	60	<0.001	<0.0005	0.001	0.001	0.001		
40238246		143	1465	70	3	1190	22	20	129	0.017	0.0662	0.117	0.001	0.001		
40238247		269	3700	50	6	2510	12	20	116	0.020	0.0405	0.208	0.001	0.001		
40238248		1365	>10000	30	44	>10000	23	5	179	0.096	0.166	0.987	0.001	0.001		
40238249		58	98	<10	<1	114	3	38	66	0.0015	0.0015	0.002	0.001	0.001		
40238249 CRD		57	84	<10	<1	104	2	38	64	0.001	0.0008	0.002	0.001	0.001		
40238250		1550	>10000	<10	5	>10000	52	1	122	0.267	>1.00	0.809	0.001	0.001		
40238251		65	6600	60	<1	1670	29	19	87	0.062	0.183	0.489	0.001	0.001		
40238252		26	1035	70	<1	266	15	20	65	0.035	0.0215	0.055	0.001	0.001		
40238253		785	>10000	40	<1	>10000	1290	8	616	>1.00	>1.00	>1.00	0.001	0.001		
40238254		54	178	<10	<1	129	2	36	63	0.001	0.0010	0.004	0.001	0.001		
40238255		21	2710	60	<1	150	17	17	64	0.024	0.0128	0.047	0.001	0.001		

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

***** See Appendix Page for comments regarding this certificate *****



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 VANCOUVER BC V6C 1S4

Project: EB80000943

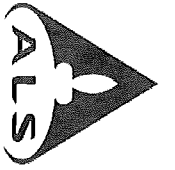
CERTIFICATE OF ANALYSIS TB13228477

Page: 6 - F
 Total # Pages: 6 (A - G)
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 Finalized Date: 22-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units	PGM-ICP27 Pt ppm	PGM-ICP27 Pd ppm	ME-ICP81 Al2O3 %	ME-ICP81 As %	ME-ICP81 CaO %	ME-ICP81 Co %	ME-ICP81 Cr %	ME-ICP81 Cu %	ME-ICP81 Fe %	ME-ICP81 Fe2O3 %	ME-ICP81 K %	ME-ICP81 MgO %	ME-ICP81 MnO %	ME-ICP81 Ni %	ME-ICP81 Pb %		
40238065		0.03	0.03	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01		
40238066																		
40238225																		
40238226																		
40238227																		
40238228																		
40238229	CRD																	
40238230																		
40238231																		
40238232																		
40238233																		
40238234																		
40238235																		
40238236																		
40238237																		
40238238																		
40238239				10.25	<0.01	3.95	0.063	0.04	0.630	26.3	37.6	0.6	5.28	0.13	0.499	<0.01		
40238240																		
40238241																		
40238242																		
40238243																		
40238244																		
40238245																		
40238246																		
40238247																		
40238248				3.35	0.01	0.18	0.141	0.04	1.650	46.0	65.8	0.4	1.22	0.04	1.345	0.01		
40238249																		
40238249	CRD																	
40238250				1.25	0.80	0.09	<0.01	0.28	0.166	0.05	4.18	50.7	72.5	<0.1	0.17	0.07	6.37	0.01
40238251																		
40238252																		
40238253																		
40238254				2.61	13.45	6.72	0.08	0.11	0.089	0.01	10.35	23.4	33.5	0.7	1.26	0.03	4.81	0.13
40238255																		

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

***** See Appendix Page for comments regarding this certificate *****



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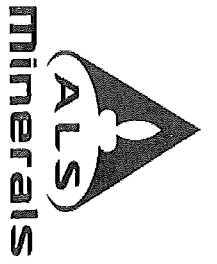
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

Sample Description	Method Analyte Units LOR	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01
40238228					
40238229					
40238229 CRD					
40238230					
40238231					
40238232					
40238233					
40238234					
40238235					
40238236					
40238237					
40238238					
40238239		12.10	33.1	0.69	0.01
40238240					
40238241					
40238242					
40238243					
40238244					
40238245					
40238246					
40238247					
40238248		28.4	10.7	0.25	0.02
40238249					
40238249 CRD					
40238250		33.9	0.5	0.03	0.02
40238251					
40238252					
40238253		16.85	28.5	0.33	0.06
40238254					
40238255					

Comments: **Corrected Copy for PGM-MS24 on Samples 40237728 to 40237743** **Corrected Copy to Include ME-ICP81 Results for Samples 40238239, 40238248, 40238250, 40238253.**

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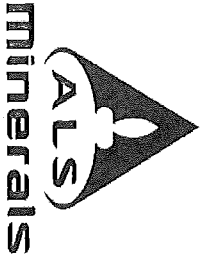
Project: EB80000943

CERTIFICATE OF ANALYSIS TB13228477

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.	LOG-21d
	BAG-04	CRU-31
	LOG-22	LOG-23
	PUL-QC	SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.	ME-4ACD81
	AU-AA26	C-IR07
	ME-ICP06	ME-ICP81
	ME-OG62	Ni-OG62
	PGM-MS24	S-IR08
		Cu-OG62
		ME-MS42
		OA-GRA05
		TOT-ICP06



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 3-FEB-2014
 Account: KAV

CERTIFICATE TB13228476

Project: EB80000942
 P.O. No.: 3101202290
 This report is for 165 Drill Core samples submitted to our lab in Thunder Bay, ON,
 Canada on 19-DEC-2013.
 The following have access to data associated with this certificate:
 SUE DRIEBERG DAN FOLEY JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: JENNY GOLDNER
 224 NORTH 2200 WEST
 SALT LAKE CITY UT 84116
 USA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Red w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

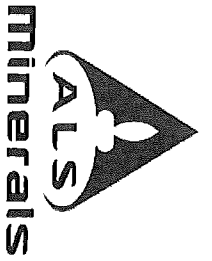
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GR05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

***** See Appendix Page for comments regarding this certificate *****
 Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**



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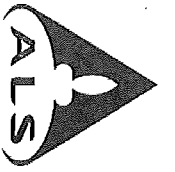
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SIO %
40237775	0.59				51.3	14.95	9.57	10.65	2.20	7.94	0.33	0.02	0.57	0.15	0.04	0.03
40237776	0.18		88.3		48.3	19.90	9.16	10.35	2.68	5.62	0.42	0.05	1.03	0.12	0.12	0.03
40237777	0.21				45.7	17.65	12.20	9.06	2.15	7.58	0.29	0.05	0.79	0.18	0.07	0.03
40237778	0.16				46.5	17.00	11.00	8.27	2.10	7.94	0.74	0.04	1.09	0.19	0.11	0.03
40237779	0.14				47.9	18.60	10.25	10.00	2.60	6.46	0.48	0.05	1.23	0.13	0.14	0.03
40237780	0.17				36.7	3.05	13.40	2.00	0.22	31.3	0.12	0.58	0.26	0.16	0.03	<0.01
40237781	0.12				46.9	17.75	11.15	9.81	2.35	7.18	0.30	0.05	1.14	0.14	0.12	0.03
40237782	0.18				48.2	19.00	10.60	10.10	2.66	6.14	0.43	0.04	1.29	0.13	0.16	0.04
40237783	0.13				48.0	18.95	10.50	10.10	2.70	5.93	0.47	0.04	1.42	0.13	0.16	0.04
40237784	0.18				48.2	18.65	10.50	9.94	2.72	6.16	0.52	0.05	1.33	0.13	0.11	0.03
40237785	0.13				46.7	17.20	9.71	10.30	2.61	7.56	0.59	0.05	1.16	0.16	0.14	0.05
40237786	0.18				47.5	18.05	10.35	9.73	2.58	6.77	0.51	0.05	1.21	0.13	0.15	0.04
40237787	0.12				47.9	18.15	10.95	9.53	2.51	6.94	0.78	0.05	1.16	0.14	0.15	0.04
40237788	0.15				48.3	17.55	11.95	9.51	2.49	7.81	0.64	0.04	1.20	0.15	0.13	0.04
40237789	0.15				47.7	17.00	11.65	9.17	2.33	8.06	0.85	0.05	1.24	0.15	0.13	0.05
40237790	0.54				52.1	15.05	9.64	11.10	2.19	8.18	0.33	0.03	0.56	0.15	0.04	0.03
40237791	0.18				47.2	16.55	11.60	9.14	2.20	8.01	1.04	0.04	1.30	0.15	0.12	0.06
40237792	0.11				46.7	16.90	11.75	8.79	2.51	7.94	0.47	0.01	1.34	0.14	0.14	0.03
40237793	0.13				47.2	15.15	13.65	9.45	2.07	10.30	0.43	0.05	1.14	0.17	0.11	0.03
40237794	0.15				47.0	16.35	13.15	9.17	2.37	8.66	0.59	0.04	1.29	0.17	0.14	0.04
40237794 CRD	<0.02				48.0	16.65	11.75	9.89	2.40	8.60	0.62	0.05	1.17	0.15	0.14	0.03
40237795	0.18				47.0	16.30	13.05	9.15	2.36	8.58	0.50	0.04	1.64	0.15	0.14	0.03
40237796	0.21				46.9	16.25	12.85	9.52	2.31	8.63	0.43	0.04	1.60	0.15	0.16	0.03
40237797	0.14				45.6	15.80	10.95	9.60	1.78	8.55	1.11	0.04	1.21	0.14	0.14	0.04
40237798	0.18				47.2	16.35	11.00	10.15	2.34	8.45	0.59	0.06	1.17	0.14	0.15	0.03
40237799	0.21				46.8	15.00	12.25	9.60	2.16	10.20	0.54	0.06	1.34	0.17	0.13	0.03
40237800	0.16				36.8	3.06	13.50	2.00	0.22	31.5	0.11	0.59	0.26	0.16	0.04	<0.01
40237801	0.22				47.1	16.65	11.75	8.81	2.38	8.57	0.47	0.02	1.38	0.14	0.21	0.03
40237802	0.16				45.8	15.00	12.75	9.14	2.14	9.73	0.54	0.04	1.73	0.16	0.13	0.03
40237803	0.15				46.6	16.05	11.45	10.90	2.36	9.18	0.28	0.07	1.25	0.14	0.10	0.03
40237804	0.18				47.2	16.05	12.35	9.54	2.11	10.00	0.38	0.05	1.19	0.16	0.14	0.03
40237805	2.63				47.0	15.85	13.05	9.08	2.22	10.00	0.38	0.04	1.27	0.16	0.15	0.03
40237806	3.78				47.2	15.95	13.30	8.91	2.23	9.79	0.38	0.03	1.42	0.16	0.16	0.03
40237807	3.92				46.2	15.20	12.85	8.76	2.13	9.90	0.37	0.04	1.36	0.16	0.15	0.03
40237808	4.29				47.2	15.80	13.40	8.96	2.24	10.20	0.48	0.04	1.29	0.17	0.16	0.03
40237809	3.38				47.2	16.20	12.80	9.18	2.27	9.50	0.40	0.04	1.25	0.16	0.15	0.03
40237810	0.53				52.3	15.65	13.05	11.00	2.17	7.96	0.36	0.03	0.61	0.15	0.05	0.03
40237811	1.71				45.3	15.00	13.90	8.08	1.98	10.95	0.39	0.03	1.23	0.17	0.16	0.03
40237812	1.99				46.8	15.35	13.65	8.73	2.07	11.10	0.39	0.04	1.20	0.17	0.15	0.03
40237813	2.05				46.4	15.50	12.95	8.86	2.15	10.35	0.38	0.04	1.23	0.16	0.15	0.03

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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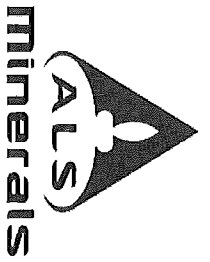
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MSB1 Ba ppm	ME-MSB1 Ce ppm	ME-MSB1 Cr ppm	ME-MSB1 Cs ppm	ME-MSB1 Dy ppm	ME-MSB1 Er ppm	ME-MSB1 Eu ppm	ME-MSB1 Ga ppm	ME-MSB1 Gd ppm	ME-MSB1 Hf ppm	ME-MSB1 Ho ppm	ME-MSB1 La ppm
40237775	0.02	0.02	0.08	0.10	151.5	13.7	190	0.16	1.70	1.01	0.74	17.3	1.77	1.0	0.36	6.5
40237776	0.02	0.02	0.02	0.05	202	23.7	430	2.29	2.88	1.74	1.26	21.5	2.83	2.1	0.55	11.0
40237777	0.02	0.03	0.03	0.14	149.0	13.7	430	3.61	1.93	1.13	0.93	19.7	2.14	1.3	0.38	6.2
40237778	0.05	0.04	0.04	0.03	479	21.5	360	4.30	3.11	1.59	1.05	19.2	2.89	2.1	0.59	10.1
40237779	0.02	0.03	0.03	0.05	172.0	26.3	370	2.22	3.48	1.91	1.32	21.9	3.46	2.5	0.72	11.9
40237780	0.08	0.22	0.36	0.02	703	6.3	4610	0.23	0.80	0.38	0.23	5.1	0.79	0.5	0.15	3.0
40237781	0.01	0.02	0.02	0.02	113.0	21.4	400	2.86	3.15	1.81	1.17	20.8	3.24	2.2	0.62	9.5
40237782	0.02	0.01	0.05	0.05	154.5	27.5	330	2.45	3.61	2.02	1.24	21.6	3.72	2.7	0.73	12.2
40237783	0.02	0.02	0.05	0.05	155.5	27.5	330	2.20	3.68	2.13	1.29	21.8	3.82	2.9	0.78	12.4
40237784	0.02	0.02	0.05	0.05	198.0	25.4	370	7.42	3.61	1.88	1.27	21.4	3.28	2.6	0.71	11.6
40237785	0.04	0.04	0.01	0.01	312	24.0	340	2.04	3.34	2.07	1.10	19.7	3.31	2.7	0.68	10.6
40237786	0.02	0.01	0.04	0.04	192.0	26.7	380	3.39	3.54	2.13	1.30	20.9	3.75	2.6	0.71	11.8
40237787	0.05	0.02	0.05	0.05	429	25.2	370	2.70	3.26	1.90	1.19	20.6	3.53	2.3	0.64	11.6
40237788	0.03	0.02	0.05	0.05	285	24.3	310	3.55	3.14	1.82	1.18	20.3	3.41	2.3	0.64	11.0
40237789	0.03	0.02	0.05	0.05	278	24.0	350	3.06	3.44	1.89	1.13	19.0	3.29	2.3	0.68	10.9
40237790	0.02	0.09	0.12	0.12	141.0	12.0	190	0.17	1.82	0.93	0.70	15.9	1.64	1.0	0.31	5.8
40237791	0.06	0.02	0.06	0.06	477	22.5	290	3.01	3.27	1.70	1.12	18.3	3.08	2.3	0.64	10.2
40237792	0.02	0.04	0.05	0.05	151.0	25.5	100	6.79	3.51	2.02	1.19	19.8	3.35	2.7	0.72	11.1
40237793	0.02	0.02	0.06	0.06	136.5	20.2	370	2.72	2.82	1.79	1.09	17.8	2.96	2.1	0.62	9.2
40237794	0.02	0.04	0.06	0.06	166.5	24.8	270	2.80	3.33	1.89	1.22	19.7	3.44	2.4	0.67	11.2
40237794 CRD	0.02	0.03	0.05	0.05	158.0	23.2	360	2.54	3.24	1.94	1.10	18.5	3.26	2.2	0.67	10.5
40237795	0.02	0.02	0.06	0.06	147.5	23.9	280	2.35	3.25	1.86	1.15	18.4	3.44	2.5	0.69	10.8
40237796	0.02	0.03	0.06	0.06	151.0	25.4	290	3.39	3.65	2.06	1.24	19.2	3.80	2.6	0.73	11.4
40237797	0.09	0.03	0.04	0.04	839	24.9	300	5.31	3.46	2.11	1.21	18.5	3.66	2.5	0.75	11.0
40237798	0.02	0.03	0.05	0.05	167.5	27.7	460	2.28	3.69	2.13	1.36	19.3	3.91	2.6	0.77	12.3
40237799	0.02	0.01	0.04	0.04	172.5	24.9	450	2.82	3.99	2.43	1.27	18.4	3.91	2.6	0.80	10.8
40237800	0.08	0.21	0.38	0.38	686	6.2	4530	0.21	0.71	0.40	0.21	5.1	0.79	0.6	0.15	3.0
40237801	0.02	0.01	0.05	0.05	178.0	35.7	170	3.20	4.68	2.78	1.43	20.5	4.73	3.7	0.97	15.9
40237802	0.02	0.05	0.06	0.06	170.0	25.0	320	1.99	3.67	2.09	1.34	18.3	3.66	2.6	0.73	11.3
40237803	0.01	0.01	0.05	0.05	132.5	21.2	470	1.20	3.24	1.88	1.26	18.3	3.36	2.2	0.72	9.0
40237804	0.02	0.02	0.06	0.06	139.0	23.7	410	2.55	3.60	2.17	1.16	17.8	3.53	2.4	0.90	10.4
40237805	0.02	0.01	0.06	0.06	138.0	26.3	310	4.00	3.47	2.08	1.12	18.9	3.45	2.7	0.70	11.8
40237806	0.02	0.01	0.07	0.07	148.5	28.3	250	2.80	3.98	2.27	1.40	18.4	3.86	3.0	0.85	12.7
40237807	0.02	0.01	0.06	0.06	144.0	27.2	320	2.99	3.94	2.25	1.35	19.0	3.94	2.9	0.82	12.0
40237808	0.02	0.01	0.05	0.05	154.5	26.3	280	2.61	3.68	2.27	1.28	18.8	3.84	2.9	0.75	11.7
40237809	0.02	0.01	0.06	0.06	141.0	24.4	330	3.73	3.53	2.19	1.29	18.5	3.79	2.7	0.75	10.9
40237810	0.02	0.10	0.13	0.13	148.5	14.1	220	0.16	1.94	1.17	0.72	16.5	1.80	1.2	0.45	6.9
40237811	0.01	0.01	0.07	0.07	138.0	26.9	210	2.94	3.69	1.98	1.27	18.3	3.58	2.9	0.77	12.1
40237812	0.02	0.01	0.06	0.06	142.0	23.5	310	2.88	3.52	1.93	1.05	18.2	3.26	2.4	0.64	10.5
40237813	0.02	0.01	0.06	0.06	146.5	25.3	320	3.59	3.38	2.08	1.19	18.4	3.38	2.7	0.70	11.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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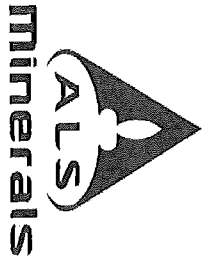
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40237775		0.13	2.6	7.1	1.70	5.6	1.91	<1	3.12	0.1	0.28	1.04	<0.5	0.15	0.17	210
40237776		0.22	6.1	12.8	3.07	12.1	2.90	1	3.49	0.3	0.48	1.41	<0.5	0.23	0.33	157
40237777		0.16	3.8	7.3	1.75	8.5	2.07	<1	2.57	0.2	0.30	0.59	1.5	0.16	0.16	131
40237778		0.23	5.9	12.2	2.76	23.2	3.26	1	4.7	0.3	0.47	0.98	<0.5	0.27	0.29	149
40237779		0.30	7.2	14.1	3.38	14.0	3.55	1	3.29	0.4	0.56	1.38	<0.5	0.28	0.36	176
40237780		0.06	1.3	3.3	0.80	3.3	0.82	1	5.09	0.1	0.12	0.47	<0.5	0.06	0.12	29
40237781		0.26	6.5	12.1	2.76	7.4	3.08	1	2.83	0.3	0.51	1.05	<0.5	0.25	0.44	175
40237782		0.28	7.6	15.3	3.57	11.8	4.02	1	3.29	0.4	0.61	1.23	<0.5	0.29	0.34	166
40237783		0.32	8.1	15.4	3.60	13.5	3.96	1	3.37	0.4	0.62	1.31	<0.5	0.31	0.37	188
40237784		0.26	7.6	13.6	3.29	16.0	3.64	1	3.27	0.4	0.57	1.25	<0.5	0.30	0.34	189
40237785		0.26	7.0	13.5	3.15	16.4	3.65	1	4.49	0.4	0.53	1.31	<0.5	0.28	0.31	165
40237786		0.27	7.4	14.8	3.40	15.0	3.61	1	3.40	0.4	0.58	1.29	<0.5	0.30	0.35	176
40237787		0.26	6.8	13.9	3.29	13.9	3.74	1	3.85	0.3	0.56	1.16	<0.5	0.29	0.32	169
40237788		0.26	6.5	13.3	3.13	20.8	3.40	1	3.60	0.3	0.57	1.09	0.6	0.26	0.28	174
40237789		0.28	6.8	13.0	2.99	29.4	3.19	1	4.01	0.4	0.56	1.07	<0.5	0.27	0.27	162
40237790		0.12	2.3	6.2	1.48	5.4	1.64	<1	2.97	0.1	0.27	0.82	<0.5	0.13	0.14	197
40237791		0.27	6.8	12.7	2.91	33.5	3.34	1	5.07	0.4	0.48	0.99	<0.5	0.26	0.28	167
40237792		0.30	7.8	14.0	3.35	14.0	3.38	1	2.84	0.4	0.57	1.35	<0.5	0.28	0.36	157
40237793		0.24	5.8	11.3	2.70	13.5	3.24	1	2.51	0.3	0.46	0.87	<0.5	0.26	0.24	178
40237794		0.28	7.4	13.8	3.15	18.3	3.50	1	3.20	0.4	0.55	1.13	<0.5	0.27	0.30	164
40237794 CRD																
40237795		0.22	6.2	12.8	3.03	18.0	3.31	1	3.18	0.3	0.52	0.98	<0.5	0.27	0.27	164
40237795		0.25	7.3	13.3	3.10	14.2	3.40	1	2.65	0.4	0.51	1.00	<0.5	0.26	0.28	224
40237796		0.29	8.2	14.7	3.32	12.5	3.50	1	4.08	0.4	0.60	1.02	<0.5	0.29	0.28	205
40237797		0.29	6.9	14.4	3.28	34.2	3.76	1	4.58	0.4	0.56	1.03	0.8	0.32	0.29	167
40237798		0.30	7.0	15.3	3.64	18.9	4.03	1	2.76	0.4	0.61	1.15	<0.5	0.33	0.32	176
40237799		0.29	7.6	14.3	3.39	15.9	3.94	1	2.49	0.4	0.63	1.04	<0.5	0.33	0.25	198
40237800		0.06	1.4	3.1	0.80	3.4	0.86	1	4.95	0.1	0.12	0.52	<0.5	0.06	0.11	198
40237801		0.37	10.0	20.0	4.71	15.0	5.06	1	2.53	0.5	0.74	1.74	<0.5	0.38	0.44	149
40237802		0.28	8.0	14.3	3.30	16.2	3.65	1	1.59	0.8	0.59	0.98	<0.5	0.31	0.26	212
40237803		0.30	6.1	12.3	2.84	5.7	3.17	2	2.26	0.3	0.58	0.79	<0.5	0.29	0.22	188
40237804		0.26	6.1	13.3	3.05	11.5	2.84	1	2.32	0.3	0.71	1.05	<0.5	0.29	0.27	175
40237805		0.25	7.3	15.0	3.30	10.1	3.30	1	2.31	0.3	0.68	1.20	<0.5	0.30	0.28	187
40237806		0.30	8.1	16.4	3.69	9.6	3.64	1	1.64	0.4	0.64	1.34	<0.5	0.29	0.31	197
40237807		0.31	7.8	15.7	3.49	10.3	3.52	1	2.30	0.4	0.63	1.21	<0.5	0.30	0.30	198
40237808		0.31	7.7	14.7	3.44	14.1	3.62	1	2.42	0.4	0.61	1.10	<0.5	0.30	0.33	186
40237809		0.26	7.2	13.7	3.20	10.7	3.46	1	2.37	0.3	0.60	1.03	<0.5	0.25	0.26	185
40237810		0.13	2.9	7.2	1.72	6.2	1.80	1	2.82	0.1	0.31	1.10	<0.5	0.12	0.17	228
40237811		0.29	7.4	15.7	3.47	11.5	3.55	1	2.25	0.3	0.62	1.24	<0.5	0.27	0.32	177
40237812		0.25	6.9	13.9	3.12	11.6	3.32	1	2.31	0.3	0.55	1.00	<0.5	0.29	0.24	181
40237813		0.28	7.1	14.5	3.27	11.4	3.49	1	2.39	0.3	0.54	1.06	<0.5	0.31	0.24	188

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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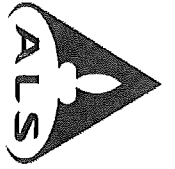
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237775	<1	9.1	0.81	0.03	33	0.1	0.01	<0.005	<0.05	0.3	<0.01	0.69	98.46	<0.5	<5	<0.5
40237776	<1	14.7	1.46	0.03	71	0.5	0.02	<0.005	0.07	0.3	0.01	1.32	99.13	<0.5	<5	<0.5
40237777	<1	10.1	1.04	0.03	45	0.4	<0.01	<0.008	<0.05	0.4	0.01	3.29	99.06	<0.5	<5	<0.5
40237778	<1	15.4	1.46	0.03	74	8.1	0.05	0.008	0.18	0.3	0.01	3.92	98.98	<0.5	11	<0.5
40237779	<1	18.2	1.72	0.03	90	0.3	0.01	<0.005	<0.05	0.4	0.01	1.44	99.33	<0.5	<5	<0.5
40237780	<1	3.9	0.38	0.03	18	1.1	0.09	0.018	0.49	1.0	0.11	10.40	98.30	1.0	<5	0.9
40237781	<1	16.6	1.61	0.03	80	0.1	<0.01	<0.005	<0.05	0.3	0.01	2.14	99.07	<0.5	5	<0.5
40237782	<1	19.2	1.87	0.03	94	0.3	0.01	<0.005	<0.05	0.4	0.01	1.20	100.01	<0.5	<5	<0.5
40237783	<1	19.4	1.79	0.03	96	0.8	0.01	0.006	<0.05	0.4	0.01	1.17	99.98	<0.5	<5	<0.5
40237784	<1	18.5	1.77	0.03	95	0.2	0.01	0.012	<0.05	0.7	0.01	2.11	100.47	<0.5	6	<0.5
40237785	<1	18.0	1.83	0.03	91	<0.1	0.01	0.144	<0.05	0.6	<0.01	3.73	100.00	<0.5	<5	<0.5
40237786	<1	18.8	1.83	0.03	92	<0.1	0.01	0.011	<0.05	0.6	<0.01	1.75	98.84	<0.5	<5	<0.5
40237787	<1	17.8	1.68	0.03	85	0.3	0.01	0.008	<0.05	0.6	0.01	1.20	99.55	<0.5	<5	<0.5
40237788	<1	17.2	1.67	0.03	81	0.9	0.02	0.011	0.08	0.6	0.01	1.35	101.19	<0.5	6	<0.5
40237789	<1	17.2	1.67	0.03	84	0.2	0.01	0.010	<0.05	0.6	0.01	1.47	99.88	<0.5	<5	<0.5
40237790	<1	8.7	0.80	0.03	31	<0.1	0.01	0.006	<0.05	0.5	<0.01	0.58	100.00	<0.5	<5	<0.5
40237791	<1	16.5	1.75	0.03	80	0.1	0.01	0.006	<0.05	0.6	0.01	1.78	99.25	<0.5	<5	<0.5
40237792	<1	18.4	1.83	0.03	99	<0.1	0.01	0.005	<0.05	0.7	0.01	3.01	99.75	<0.5	5	<0.5
40237793	<1	15.9	1.54	0.03	71	0.5	0.02	0.008	<0.05	0.6	0.01	1.05	100.82	<0.5	<5	<0.5
40237794	<1	17.8	1.80	0.03	90	0.7	0.01	0.013	0.12	0.7	0.01	0.92	99.91	<0.5	<5	0.5
40237794 CRD	<1	17.0	1.61	0.03	78	0.2	0.01	0.009	<0.05	0.6	0.01	1.15	100.62	<0.5	<5	0.5
40237795	<1	17.6	1.75	0.03	87	0.4	0.01	<0.005	0.05	0.6	0.01	1.10	100.06	<0.5	<5	<0.5
40237796	<1	19.1	1.87	0.03	91	0.4	0.01	<0.005	0.05	0.6	0.01	1.41	100.30	<0.5	<5	<0.5
40237797	<1	19.2	1.76	0.03	87	0.3	0.01	0.031	0.05	0.6	0.01	4.20	99.25	<0.5	<5	<0.5
40237798	<1	20.2	1.89	0.03	91	0.2	0.01	0.014	0.07	0.6	0.01	1.35	99.00	<0.5	<5	<0.5
40237799	<1	20.4	2.03	0.03	91	0.4	0.02	<0.005	0.07	0.6	<0.01	0.99	99.29	<0.5	<5	<0.5
40237800	<1	3.9	0.36	0.03	20	1.1	0.24	0.028	0.37	1.3	0.14	10.55	98.87	0.9	<5	0.6
40237801	<1	25.3	2.45	0.03	131	0.2	0.01	0.005	<0.05	0.8	0.01	2.31	99.84	<0.5	<5	<0.5
40237802	<1	19.7	2.02	0.03	92	0.3	0.02	0.007	0.05	0.6	0.01	2.40	99.61	<0.5	<5	<0.5
40237803	<1	17.4	1.67	0.03	73	12.6	0.02	<0.005	0.15	0.6	0.01	1.69	100.11	<0.5	12	<0.5
40237804	<1	18.1	1.87	0.03	83	0.1	0.01	0.005	<0.05	0.6	0.01	1.73	100.95	<0.5	<5	<0.5
40237805	1	19.2	1.93	0.03	88	0.3	0.01	0.005	<0.05	0.7	0.01	1.66	100.91	<0.5	<5	<0.5
40237806	1	20.7	1.87	0.03	101	1.1	0.02	<0.005	0.05	0.7	0.01	1.66	101.24	<0.5	<5	<0.5
40237807	1	20.1	1.93	0.03	99	2.1	0.02	<0.005	0.09	0.7	0.02	1.71	98.88	<0.5	<5	<0.5
40237808	1	20.0	1.91	0.03	101	0.3	0.01	<0.005	<0.05	0.6	0.01	1.50	101.49	<0.5	<5	<0.5
40237809	1	18.9	2.05	0.03	92	0.2	0.01	0.005	<0.05	0.6	0.01	1.63	101.03	<0.5	<5	<0.5
40237810	<1	9.9	0.91	0.03	35	<0.1	0.01	<0.005	<0.05	0.4	<0.01	0.87	101.00	<0.5	<5	<0.5
40237811	1	19.4	1.78	0.03	101	0.4	0.02	0.005	<0.05	0.6	0.02	2.15	99.38	<0.5	<5	<0.5
40237812	<1	18.3	1.64	0.03	84	0.8	0.01	<0.005	0.05	0.6	0.01	1.59	101.29	<0.5	7	<0.5
40237813	1	18.6	1.72	0.03	93	0.2	0.01	<0.005	<0.05	0.7	0.01	1.49	99.71	<0.5	<5	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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T.O: RIO TINTO EXPLORATION CANADA INC.
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 Account: KAV

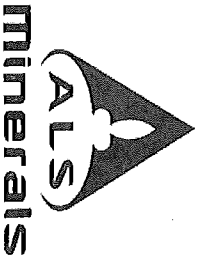
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PGM-MS24	PGM-MS24	PGM-MS24	PGM-MS24
		Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Zn ppm	Au ppm	Pt ppm	Pd ppm		
40237775		50	44	<10	<1	51	2	27	67	<0.001	<0.0005	<0.001	<0.001	
40237776		37	117	10	<1	88	<2	14	72	0.002	0.0063	0.012	0.012	
40237777		63	143	30	<1	173	<2	15	95	0.003	0.0073	0.015	0.015	
40237778		52	139	40	<1	162	<2	16	76	0.002	0.0076	0.013	0.013	
40237779		42	122	10	<1	107	3	16	78	0.004	0.0076	0.014	0.014	
40237780		135	552	<10	1	1690	58	9	194	0.020	0.0061	0.004	0.004	
40237781		47	60	20	<1	124	<2	17	80	0.001	0.0126	0.025	0.025	
40237782		42	140	10	<1	109	<2	15	81	0.005	0.0076	0.009	0.009	
40237783		43	155	10	<1	105	<2	15	86	0.002	0.0057	0.010	0.010	
40237784		43	144	20	<1	110	2	16	78	0.004	0.0071	0.017	0.017	
40237785		40	29	70	<1	117	2	14	70	0.001	0.0062	0.015	0.015	
40237786		44	120	20	<1	127	<2	15	72	0.004	0.0061	0.016	0.016	
40237787		46	156	20	<1	130	<2	18	84	0.005	0.0097	0.016	0.016	
40237788		53	171	20	<1	153	<2	19	91	0.004	0.0079	0.012	0.012	
40237789		50	155	20	<1	151	<2	21	79	0.003	0.0108	0.017	0.017	
40237790		49	62	10	<1	57	<2	29	64	<0.001	<0.0005	<0.001	<0.001	
40237791		53	164	30	<1	163	5	23	85	0.004	0.0087	0.016	0.016	
40237792		55	143	30	<1	163	<2	15	82	0.003	0.0076	0.010	0.010	
40237793		64	159	10	<1	215	<2	25	93	0.002	0.0113	0.015	0.015	
40237794		57	151	30	<1	187	11	21	102	0.003	0.0108	0.008	0.008	
40237794 CRD		54	148	30	<1	173	<2	23	96	0.003	0.0105	0.010	0.010	
40237795		56	175	20	<1	209	<2	20	92	0.003	0.0047	0.005	0.005	
40237796		54	156	10	<1	202	<2	20	87	0.004	0.0045	0.005	0.005	
40237797		50	119	60	<1	208	<2	19	77	0.003	0.0010	0.001	0.001	
40237798		52	133	20	<1	203	<2	26	91	0.003	0.0051	0.005	0.005	
40237799		61	83	20	<1	278	<2	23	112	0.001	0.0074	0.006	0.006	
40237800		136	566	<10	2	1910	51	9	194	0.016	0.0060	0.003	0.003	
40237801		55	130	20	<1	219	<2	15	77	0.0064	0.0064	0.006	0.006	
40237802		56	163	20	<1	245	<2	22	103	0.005	0.0039	0.003	0.003	
40237803		51	155	20	<1	224	<2	24	88	0.002	0.0061	0.003	0.003	
40237804		59	143	10	<1	261	<2	21	98	0.002	0.0018	0.002	0.002	
40237805		63	181	10	<1	267	<2	21	96	0.006	0.0117	0.013	0.013	
40237806		64	192	10	<1	234	<2	20	104	0.007	0.0069	0.007	0.007	
40237807		64	176	20	<1	248	5	22	101	0.005	0.0086	0.007	0.007	
40237808		65	177	20	<1	260	4	19	109	0.004	0.0185	0.029	0.029	
40237809		62	174	10	<1	224	4	20	101	0.005	0.0176	0.020	0.020	
40237810		47	46	<10	<1	51	72	32	67	0.001	<0.0005	<0.001	<0.001	
40237811		70	197	20	<1	279	5	15	107	0.006	0.0061	0.009	0.009	
40237812		67	179	10	<1	271	3	17	100	0.004	0.0075	0.010	0.010	
40237813		64	191	10	<1	254	2	19	100	0.003	0.0075	0.013	0.013	

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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TO: RIO TINTO EXPLORATION CANADA INC.
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Project: EBB0000942

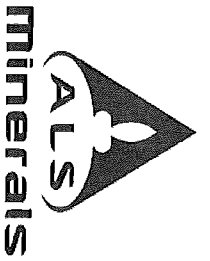
CERTIFICATE OF ANALYSIS TB13228476

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 Finalized Date: 20-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEL-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75Sum %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40237814		3.24			46.3	15.35	13.00	8.90	2.01	11.00	0.37	0.04	1.01	0.16	0.12	0.03
40237814 CRD		<0.02			46.8	15.45	13.35	8.95	2.03	11.20	0.38	0.04	1.08	0.17	0.12	0.03
40237815		2.88			46.2	15.00	12.90	9.12	1.99	11.10	0.41	0.05	1.06	0.16	0.12	0.03
40237816		4.06			46.4	14.70	13.15	9.26	1.99	11.15	0.39	0.05	1.06	0.17	0.12	0.02
40237817		2.57			46.3	13.50	14.20	8.52	1.80	11.75	0.38	0.03	1.26	0.18	0.13	0.02
40237818		1.85			47.0	14.70	13.70	8.94	2.03	11.25	0.43	0.03	1.28	0.17	0.16	0.02
40237819		2.79			45.3	14.10	15.10	8.68	2.23	10.75	0.49	0.03	1.65	0.19	0.16	0.03
40237820		0.17			36.9	3.17	13.50	2.04	0.23	13.50	0.12	0.57	0.26	0.16	0.04	<0.01
40237821		3.54			45.9	13.40	15.45	8.38	1.94	11.10	0.47	0.03	1.65	0.19	0.16	0.02
40237822		3.29	96.8	86.9	45.0	14.55	13.50	8.96	2.09	10.10	0.48	0.04	1.49	0.18	0.15	0.03
40237823		2.86			44.5	13.80	13.05	8.46	1.86	10.15	0.45	0.03	1.33	0.17	0.17	0.02
40237824		5.78			47.1	16.90	11.65	9.99	2.10	10.10	0.42	0.04	1.00	0.15	0.10	0.02
40237825		3.90			46.4	17.25	11.75	9.56	2.19	9.51	0.41	0.07	0.94	0.16	0.11	0.03
40237826		1.52			44.7	15.20	12.80	8.76	1.88	10.90	0.43	0.03	0.99	0.15	0.12	0.02
40237827		1.62			45.8	16.50	11.20	9.72	2.09	9.31	0.42	0.04	1.02	0.13	0.11	0.02
40237828		2.64			45.3	13.90	13.15	9.13	1.83	12.00	0.42	0.06	1.02	0.17	0.10	0.02
40237829		4.10			46.2	12.75	14.95	8.72	1.74	12.15	0.46	0.05	1.46	0.18	0.18	0.02
40237830		0.93			51.8	14.30	9.88	11.75	2.01	8.69	0.23	0.04	0.57	0.16	0.05	0.03
40237831		0.11			47.0	16.20	16.20	37.5	5.65	23.2	0.23	0.27	0.44	0.15	0.04	0.01
40237832		0.84			47.0	13.25	16.05	8.25	1.98	11.90	0.55	0.02	1.60	0.19	0.20	0.02
40237833		1.80			47.0	19.85	10.35	10.85	2.02	8.72	0.45	0.04	1.02	0.13	0.11	0.03
40237834		2.91			46.8	19.50	10.25	10.75	2.13	7.88	0.42	0.03	1.11	0.13	0.13	0.03
40237834 CRD		<0.02			46.3	19.25	10.25	10.55	2.08	7.98	0.41	0.04	1.07	0.13	0.13	0.03
40237835		2.79			46.2	16.45	12.50	9.79	2.03	10.70	0.37	0.04	1.27	0.16	0.15	0.03
40237836		3.20			46.1	16.55	12.60	9.64	1.94	11.10	0.33	0.03	1.19	0.16	0.13	0.03
40237837		0.11			38.3	5.74	16.05	3.87	0.69	23.6	0.24	0.27	0.44	0.15	0.05	0.01
40237838		2.96			45.9	18.55	11.05	9.72	1.98	10.65	0.44	0.21	0.89	0.13	0.11	0.03
40237839		1.96			44.6	18.10	11.50	9.50	2.11	9.23	0.47	0.60	0.98	0.13	0.11	0.03
40237840		0.16			36.9	3.14	13.75	2.11	0.27	31.8	0.12	0.61	0.27	0.16	0.04	<0.01
40237841		1.17			44.1	19.15	12.05	9.80	1.67	9.60	0.40	0.64	0.75	0.13	0.06	0.03
40237842		3.77			44.0	18.65	12.25	8.81	1.49	9.01	0.57	0.71	0.72	0.12	0.07	0.03
40237843		2.13			45.4	17.80	13.35	7.87	1.66	8.99	0.64	0.86	0.71	0.11	0.07	0.03
40237844		2.29			47.9	18.40	12.90	6.85	1.71	8.03	0.80	0.72	0.56	0.10	0.05	0.03
40237845		3.24			47.3	17.70	13.65	7.86	1.51	8.55	0.71	0.12	0.55	0.10	0.07	0.03
40237846		3.18			48.8	16.75	11.70	9.48	1.78	8.95	0.59	0.05	0.45	0.12	0.07	0.03
40237847		4.02			48.3	15.55	16.25	4.90	2.29	6.87	1.35	0.05	0.44	0.09	0.05	0.03
40237848		3.59			51.5	15.90	14.20	5.09	1.94	6.03	1.47	0.04	0.95	0.12	0.05	0.03
40237849		1.67			51.6	15.20	14.20	3.90	2.32	4.46	1.36	0.02	3.02	0.11	0.07	0.05
40237850		0.71			51.6	16.35	8.84	9.84	2.51	7.55	0.34	0.01	0.65	0.14	0.06	0.04
40237851		0.73			18.35	6.03	56.2	1.98	0.57	2.94	0.30	0.04	1.20	0.09	0.01	0.01

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

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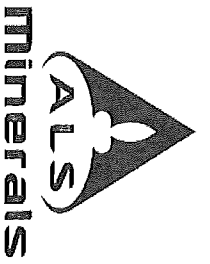
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-ICP06 Bao %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40237814	0.01	0.01	0.01	0.05	130.0	21.3	340	2.92	3.08	1.71	1.06	17.9	3.23	2.2	0.64	9.5
40237814 CRD	0.01	0.02	0.02	0.06	133.5	21.5	330	2.93	2.87	1.80	1.16	16.8	3.29	2.2	0.63	9.5
40237815	0.01	0.01	0.05	0.05	124.5	19.5	430	2.62	3.14	1.57	1.02	16.6	2.96	2.2	0.57	8.8
40237816	0.01	0.01	0.01	0.05	120.5	20.3	380	3.16	3.14	1.64	1.02	16.2	3.21	1.9	0.65	9.0
40237817	0.01	0.03	0.03	0.07	124.0	23.4	280	4.49	3.26	2.02	1.17	17.0	3.64	2.5	0.65	10.7
40237818	0.02	0.01	0.01	0.06	140.5	25.0	280	3.56	3.78	2.15	1.34	17.7	3.64	2.7	0.76	11.2
40237819	0.02	0.01	0.01	0.07	158.0	26.4	220	3.27	3.77	2.27	1.31	18.9	3.89	2.8	0.80	11.9
40237820	0.02	0.21	0.38	0.38	713	6.2	4460	0.23	0.72	0.37	0.26	5.1	0.71	0.6	0.13	3.0
40237821	0.02	0.01	0.01	0.08	152.5	27.3	210	3.44	4.10	2.24	1.24	17.3	4.01	3.3	0.85	12.1
40237822	0.02	0.04	0.04	0.07	176.5	27.1	310	3.31	3.78	2.21	1.40	18.2	3.69	2.7	0.78	12.2
40237823	0.02	0.05	0.05	0.06	183.0	27.9	280	6.58	4.25	2.35	1.34	18.3	4.08	3.2	0.90	12.2
40237824	0.01	0.02	0.02	0.04	116.5	17.5	330	2.91	2.73	1.54	1.01	17.6	2.63	1.9	0.55	7.9
40237825	0.01	0.01	0.01	0.05	122.5	18.8	240	1.67	2.71	1.51	1.04	18.0	2.39	1.8	0.55	8.5
40237826	0.01	0.02	0.02	0.05	130.5	20.1	250	2.86	2.59	1.64	1.03	17.5	2.79	1.8	0.52	9.3
40237827	0.01	0.01	0.01	0.05	124.0	20.1	330	2.03	2.89	1.61	1.01	19.5	2.95	2.1	0.63	9.1
40237828	0.01	0.01	0.01	0.05	113.5	18.5	520	1.93	2.75	1.50	0.97	15.8	2.69	2.0	0.57	8.2
40237829	0.02	0.01	0.07	0.14	141.0	27.9	420	2.45	4.35	2.47	1.30	17.4	4.24	3.2	0.83	12.0
40237830	0.01	0.01	0.07	0.14	118.0	11.8	2100	0.11	1.70	1.05	0.61	16.2	1.79	1.1	0.37	5.8
40237831	0.01	0.15	2.56	2.56	96.4	10.2	2100	0.76	1.18	0.71	0.44	7.9	1.15	1.0	0.27	4.8
40237832	0.02	0.01	0.01	0.08	170.0	32.8	170	2.19	4.73	2.89	1.47	17.2	4.66	3.7	0.96	14.6
40237833	0.01	0.01	0.07	0.07	118.5	17.6	290	1.74	2.64	1.40	0.99	17.8	2.67	2.0	0.52	7.9
40237834	0.02	0.01	0.04	0.04	130.5	21.9	280	1.77	3.19	1.85	1.14	19.5	3.09	2.3	0.62	9.9
40237834 CRD	0.01	0.01	0.05	0.05	129.5	22.7	300	1.78	3.10	1.84	1.20	19.4	3.18	2.3	0.65	10.3
40237835	0.01	0.01	0.01	0.06	128.0	23.8	260	1.75	3.30	1.96	1.10	16.6	3.44	2.4	0.72	10.8
40237836	0.01	0.01	0.05	0.05	122.0	22.1	280	1.77	3.15	1.79	1.09	16.7	3.31	2.4	0.69	10.0
40237837	0.01	0.14	2.48	2.48	102.0	10.1	2100	0.80	1.21	0.76	0.42	7.4	1.41	1.1	0.26	4.8
40237838	0.01	0.01	0.10	0.10	125.5	19.5	1670	1.80	2.57	1.43	0.96	17.9	2.64	2.0	0.57	9.1
40237839	0.01	0.02	0.43	0.43	128.5	19.8	4630	1.63	2.51	1.45	0.99	18.6	2.77	2.0	0.52	9.1
40237840	0.08	0.23	0.39	0.39	729	6.1	4600	0.21	0.76	0.43	0.24	4.6	0.84	1.1	0.17	3.0
40237841	0.01	0.01	0.68	0.68	129.5	13.1	4850	2.27	1.76	1.01	0.80	18.2	1.72	1.6	0.38	6.0
40237842	0.02	0.02	0.68	0.68	155.0	15.1	5450	2.88	1.73	1.03	0.98	18.4	1.86	1.3	0.37	7.2
40237843	0.02	0.02	1.11	1.11	143.5	16.3	6460	3.15	1.72	0.99	0.99	18.6	1.77	1.6	0.34	7.9
40237844	0.02	0.01	1.01	1.01	199.5	17.5	5590	4.35	1.46	0.97	1.11	19.8	1.55	1.1	0.30	8.8
40237845	0.02	0.01	1.94	1.94	182.5	20.1	910	3.50	1.80	1.07	1.07	16.9	2.04	1.4	0.38	9.9
40237846	0.02	0.01	0.83	0.83	184.5	12.9	360	2.35	1.40	0.81	0.96	16.9	1.53	1.0	0.30	6.5
40237847	0.04	0.02	3.06	3.06	365	21.4	210	2.68	1.79	1.11	0.93	18.0	1.99	1.4	0.40	11.1
40237848	0.05	0.01	1.79	1.79	454	26.2	280	4.02	2.30	1.35	1.46	19.0	2.25	1.9	0.48	13.7
40237849	0.05	0.02	4.37	4.37	302	30.2	180	4.18	2.23	1.36	2.07	19.3	2.48	2.6	0.48	15.7
40237850	0.02	0.11	0.11	0.11	179.0	17.2	60	0.13	1.94	1.14	0.77	17.8	2.05	1.4	0.41	8.8
40237851	0.01	0.02	23.1	23.1	71.1	5.7	320	0.69	0.54	0.32	0.51	7.3	0.64	0.5	0.11	2.9

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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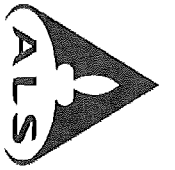
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 Finalized Date: 20-JAN-2014
 Account: KAV

Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tl ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40237814		0.27	5.9	12.5	2.64	11.1	3.19	1	232	0.3	0.52	0.94	<0.5	0.26	0.24	167
40237814 CRD		0.23	6.1	12.5	2.75	11.2	2.58	1	230	0.3	0.50	0.93	<0.5	0.29	0.23	167
40237815		0.24	5.5	11.1	2.56	12.6	3.03	1	223	0.3	0.48	0.84	<0.5	0.26	0.21	169
40237816		0.25	5.7	11.3	2.71	11.8	3.12	1	219	0.3	0.51	0.80	<0.5	0.23	0.22	181
40237817		0.26	7.0	13.9	3.04	12.2	3.14	1	200	0.3	0.57	1.04	<0.5	0.26	0.23	195
40237818		0.26	7.2	14.5	3.41	13.3	3.36	1	228	0.4	0.59	1.16	<0.5	0.28	0.30	196
40237819		0.32	8.3	15.3	3.51	15.6	3.62	1	237	0.4	0.63	1.17	<0.5	0.35	0.28	225
40237820		0.06	1.4	3.2	0.76	3.2	0.69	1	50.5	<0.1	0.13	0.57	<0.5	0.06	0.13	27
40237821		0.30	8.2	15.4	3.62	14.7	3.38	1	209	0.4	0.60	1.25	<0.5	0.31	0.35	227
40237822		0.28	7.6	15.3	3.51	15.7	3.44	1	234	0.4	0.62	1.10	<0.5	0.32	0.28	205
40237823		0.32	8.3	15.7	3.69	15.2	3.62	1	243	0.4	0.64	1.21	<0.5	0.34	0.32	214
40237824		0.20	4.9	10.3	2.31	12.9	2.59	1	251	0.2	0.47	0.78	<0.5	0.22	0.19	157
40237825		0.18	5.1	10.3	2.52	12.1	2.44	1	264	0.3	0.45	0.83	<0.5	0.20	0.19	142
40237826		0.27	5.6	11.8	2.66	15.0	2.24	1	252	0.2	0.42	0.76	<0.5	0.19	0.18	156
40237827		0.19	5.4	12.0	2.67	13.0	2.77	1	249	0.3	0.44	0.80	<0.5	0.24	0.24	170
40237828		0.22	5.2	10.4	2.53	13.3	2.45	1	211	0.2	0.44	0.72	<0.5	0.22	0.22	168
40237829		0.35	7.9	16.6	3.60	16.6	3.96	1	185.0	0.4	0.64	1.26	<0.5	0.32	0.31	223
40237830		0.14	2.3	6.8	1.60	4.6	1.32	<1	274	0.1	0.26	0.82	<0.5	0.14	0.13	233
40237831		0.12	2.1	5.1	1.26	6.0	1.29	2	112.5	<0.1	0.18	0.74	<0.5	0.08	0.20	98
40237832		0.39	10.1	18.7	4.21	16.1	4.68	1	193.5	0.5	0.75	1.43	<0.5	0.38	0.37	235
40237833		0.17	5.1	10.0	2.34	14.5	2.40	1	282	0.2	0.37	0.72	<0.5	0.18	0.17	149
40237834		0.24	6.4	13.0	2.91	13.4	2.76	1	283	0.3	0.55	0.95	<0.5	0.28	0.24	160
40237834 CRD		0.28	6.3	12.6	3.01	13.1	2.90	1	279	0.3	0.53	1.00	<0.5	0.25	0.23	152
40237835		0.27	6.7	13.7	3.27	11.8	3.27	1	242	0.4	0.54	0.99	<0.5	0.28	0.26	146
40237836		0.26	6.1	12.9	2.97	10.1	3.08	1	238	0.4	0.53	0.94	<0.5	0.28	0.22	148
40237837		0.10	2.1	5.5	1.28	6.4	1.19	2	109.5	0.1	0.19	0.80	<0.5	0.11	0.19	98
40237838		0.19	5.4	11.0	2.64	15.1	2.55	1	270	0.3	0.40	0.90	<0.5	0.21	0.34	121
40237839		0.20	5.0	10.9	2.60	16.3	2.39	1	268	0.3	0.43	1.19	<0.5	0.21	0.41	113
40237840		0.06	1.3	3.3	0.81	3.7	0.68	1	51.0	0.1	0.12	0.50	<0.5	0.07	0.12	<5
40237841		0.14	3.3	7.5	1.75	14.9	1.68	1	263	0.2	0.29	0.65	<0.5	0.15	0.21	76
40237842		0.14	3.5	8.0	1.93	22.3	1.64	1	256	0.2	0.27	0.97	<0.5	0.15	0.48	113
40237843		0.15	3.2	8.7	2.10	27.7	1.80	1	257	0.2	0.28	1.25	<0.5	0.14	0.95	211
40237844		0.15	2.9	8.8	2.22	39.0	1.68	1	285	0.2	0.25	1.57	<0.5	0.13	0.91	194
40237845		0.15	3.3	10.3	2.59	33.0	1.98	1	234	0.2	0.28	1.66	<0.5	0.16	1.09	240
40237846		0.13	2.2	6.6	1.66	23.7	1.44	<1	236	0.1	0.23	1.05	<0.5	0.13	1.07	422
40237847		0.20	3.5	10.2	2.72	52.4	1.81	<1	232	0.2	0.31	2.69	<0.5	0.17	1.93	366
40237848		0.24	5.2	12.2	3.31	62.1	2.43	1	306	0.4	0.35	3.44	<0.5	0.21	2.28	332
40237849		0.25	11.6	14.4	3.76	60.6	2.80	1	411	0.8	0.38	4.39	0.5	0.24	2.91	336
40237850		0.15	3.1	8.5	2.13	7.5	1.96	<1	319	0.2	0.35	1.36	<0.5	0.17	0.22	180
40237851		0.05	3.4	3.1	0.72	11.8	0.59	<1	92.1	0.2	0.08	0.38	0.5	0.06	0.22	213

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**



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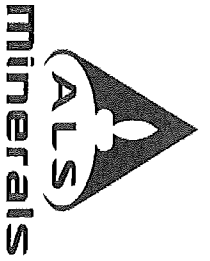
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MSB1 W ppm	ME-MSB1 Y ppm	ME-MSB1 Yb ppm	ME-MSB1 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237814	<1	16.4	1.59	0.03	80	0.4	0.01	0.006	<0.05	0.6	0.01	1.52	99.82	<0.5	<5	<0.5
40237814 CRD	<1	16.1	1.54	0.03	76	0.1	0.01	0.007	<0.05	0.5	0.01	1.58	101.19	<0.5	<5	<0.5
40237815	<1	15.8	1.61	0.03	76	0.1	0.01	0.005	<0.05	0.6	0.01	1.37	99.52	<0.5	<5	<0.5
40237816	<1	15.9	1.62	0.03	69	0.2	0.01	<0.005	<0.05	0.6	0.01	1.23	99.70	<0.5	<5	<0.5
40237817	<1	18.5	1.87	0.03	91	0.7	0.01	<0.005	0.05	0.6	0.01	2.90	99.98	<0.5	<5	<0.5
40237818	1	19.6	1.75	0.03	92	0.3	0.01	<0.005	0.05	0.6	0.01	1.91	101.64	<0.5	6	<0.5
40237819	1	20.3	2.31	0.03	99	0.1	0.01	0.007	<0.05	0.6	0.01	1.38	100.11	<0.5	<5	<0.5
40237820	<1	4.0	0.60	0.03	14	1.0	0.11	0.026	0.35	1.1	0.13	10.70	98.97	1.2	<5	0.8
40237821	1	21.3	2.19	0.03	124	0.5	0.02	<0.005	0.05	0.6	0.01	1.64	100.35	<0.5	<5	<0.5
40237822	1	20.3	2.07	0.03	97	0.5	0.02	0.006	<0.05	0.5	0.01	3.51	100.10	<0.5	5	<0.5
40237823	<1	21.3	1.93	0.03	111	0.4	0.02	0.013	0.05	0.6	0.01	5.00	99.01	<0.5	<5	<0.5
40237824	<1	13.9	1.56	0.03	66	0.3	0.02	<0.005	0.06	0.5	0.01	1.71	101.29	<0.5	13	<0.5
40237825	<1	14.2	1.39	0.03	61	0.2	0.02	0.006	0.07	0.5	0.01	0.90	99.28	<0.5	<5	<0.5
40237826	<1	14.6	1.31	0.03	67	0.1	0.02	0.006	0.06	0.5	0.02	2.06	98.06	<0.5	<5	<0.5
40237827	<1	15.5	1.40	0.03	74	1.7	0.02	<0.005	0.06	0.4	0.01	1.73	98.10	<0.5	10	<0.5
40237828	<1	14.7	1.39	0.03	78	0.2	0.02	<0.005	0.05	0.5	0.02	1.14	98.25	<0.5	<5	<0.5
40237829	<1	22.1	2.25	0.03	106	0.9	0.02	<0.005	0.05	0.6	0.01	1.26	100.14	<0.5	<5	<0.5
40237830	<1	9.3	0.66	0.03	30	<0.1	0.01	<0.005	<0.05	0.3	<0.01	0.80	100.12	<0.5	<5	<0.5
40237831	<1	6.9	0.57	0.03	30	7.3	1.03	0.012	0.18	9.0	1.95	8.93	97.18	2.2	7	<0.5
40237832	<1	25.0	2.45	0.03	127	0.5	0.02	<0.005	<0.05	0.7	0.01	0.93	101.96	<0.5	<5	<0.5
40237833	<1	13.7	1.33	0.03	65	<0.1	0.02	0.010	<0.05	0.6	0.02	1.40	101.98	<0.5	<5	<0.5
40237834	<1	16.7	1.50	0.03	81	0.1	0.01	0.007	<0.05	0.5	0.01	1.59	100.77	<0.5	<5	<0.5
40237834 CRD	<1	17.1	1.50	0.03	83	<0.1	0.01	<0.005	<0.05	0.5	0.01	1.44	99.67	<0.5	<5	<0.5
40237835	<1	18.0	1.77	0.03	90	0.1	0.02	<0.005	<0.05	0.6	0.01	0.95	100.65	<0.5	<5	<0.5
40237836	<1	16.8	1.69	0.03	87	0.1	0.02	<0.005	0.06	0.6	0.01	1.27	101.08	<0.5	<5	<0.5
40237837	<1	6.6	0.66	0.03	39	7.5	1.05	0.006	0.19	9.1	1.92	8.68	98.10	2.2	12	<0.5
40237838	<1	13.4	1.27	0.03	76	1.3	0.03	0.006	0.08	0.5	0.02	0.94	100.61	<0.5	7	<0.5
40237839	<1	13.1	1.12	0.03	77	1.3	0.16	0.005	0.09	1.7	0.08	1.39	98.76	0.5	<5	<0.5
40237840	<1	4.1	0.38	0.03	40	1.1	0.11	0.024	0.36	1.2	0.14	10.60	99.85	1.0	<5	0.8
40237841	<1	9.2	0.95	0.03	54	2.6	0.21	0.006	0.10	2.0	0.09	1.95	100.34	0.5	<5	<0.5
40237842	<1	9.3	0.90	0.03	48	3.6	0.27	0.006	0.23	1.9	0.09	2.44	98.89	<0.5	<5	<0.5
40237843	<1	9.3	0.88	0.03	57	9.8	0.36	<0.005	0.35	2.0	0.12	2.33	99.84	0.5	<5	<0.5
40237844	<1	8.1	0.83	0.03	43	17.5	0.30	<0.005	0.47	1.6	0.10	2.75	101.82	<0.5	25	<0.5
40237845	<1	9.9	1.05	0.03	51	15.2	0.31	0.008	0.32	2.4	0.11	3.55	101.72	<0.5	8	<0.5
40237846	<1	7.7	0.77	0.03	34	26.5	0.27	<0.005	0.33	1.3	0.07	2.55	101.34	<0.5	26	<0.5
40237847	<1	10.1	1.21	0.03	53	19.2	0.20	0.009	0.30	3.0	0.11	4.49	100.70	<0.5	20	<0.5
40237848	<1	12.1	1.31	0.03	68	16.2	0.40	0.009	0.47	2.6	0.14	3.68	101.05	<0.5	20	0.5
40237849	<1	12.3	1.39	0.03	88	38.0	0.72	0.008	1.52	2.9	0.23	3.28	99.66	<0.5	42	<0.5
40237850	<1	9.8	0.97	0.03	49	0.1	0.02	<0.005	<0.05	0.3	<0.01	0.89	98.84	<0.5	5	<0.5
40237851	<1	2.8	0.34	0.03	14	34.4	0.72	0.032	0.63	16.2	0.32	9.77	97.50	0.6	39	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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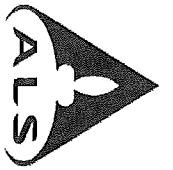
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Se ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001
40237814		67	191	10	<1	278	<2	17	97	0.003	0.0062	0.009
40237814 CRD		67	202	20	<1	283	2	19	100	0.003	0.0066	0.011
40237815		65	190	20	<1	282	<2	22	99	0.004	0.0065	0.008
40237816		67	210	20	<1	277	<2	19	100	0.003	0.0072	0.008
40237817		72	195	20	<1	324	<2	19	113	0.003	0.0065	0.007
40237818		67	183	20	<1	266	<2	21	105	0.003	0.0067	0.008
40237819		67	184	20	<1	292	3	23	118	0.003	0.0050	0.008
40237820		140	576	<10	1	1760	59	10	202	0.010	0.0046	0.003
40237821		74	212	20	<1	308	4	24	126	0.003	0.0062	0.008
40237822		66	169	30	<1	285	2	25	123	0.003	0.0058	0.007
40237823		69	177	40	<1	294	5	25	124	0.003	0.0078	0.010
40237824		61	156	20	<1	274	<2	17	91	0.003	0.0094	0.016
40237825		60	147	20	<1	250	2	13	98	0.003	0.0158	0.028
40237826		69	170	30	<1	326	7	13	111	0.006	0.0166	0.023
40237827		60	149	20	<1	278	6	19	85	0.003	0.0036	0.008
40237828		74	218	20	<1	350	<2	19	106	0.004	0.0046	0.018
40237829		76	211	20	<1	354	4	27	114	0.004	0.0054	0.028
40237830		50	63	10	<1	76	2	36	60	<0.001	<0.0005	<0.001
40237831		200	5270	10	1	6700	17	15	81	0.201	0.423	0.244
40237832		78	237	20	<1	372	2	25	120	0.003	0.0055	0.020
40237833		53	309	20	<1	381	6	14	89	0.007	0.0174	0.028
40237834		49	132	20	<1	257	4	14	98	0.002	0.0061	0.009
40237834 CRD		50	130	20	<1	260	<2	14	97	0.002	0.0057	0.008
40237835		63	265	10	<1	395	4	16	101	0.003	0.0075	0.016
40237836		66	241	20	<1	427	<2	17	105	0.004	0.0156	0.028
40237837		206	5460	20	1	6860	18	15	84	0.162	0.433	0.246
40237838		66	255	20	<1	510	2	12	89	0.007	0.0137	0.047
40237839		78	1960	20	<1	1140	2	13	121	0.037	0.0726	0.304
40237840		136	573	<10	1	1735	58	10	201	0.022	0.0067	0.004
40237841		85	2190	30	<1	1575	6	11	101	0.034	0.0693	0.307
40237842		82	1835	40	<1	1180	4	10	113	0.032	0.0760	0.322
40237843		97	2030	30	<1	1260	2	14	133	0.036	0.0761	0.317
40237844		80	1590	40	1	1020	2	16	131	0.034	0.0693	0.331
40237845		117	2070	40	4	1125	6	16	99	0.034	0.0594	0.253
40237846		79	1120	30	2	588	3	29	92	0.017	0.0297	0.116
40237847		147	1665	50	12	1070	6	27	109	0.011	0.0302	0.105
40237848		114	2000	50	4	1165	11	30	157	0.030	0.0555	0.218
40237849		117	3110	40	<1	1755	21	25	169	0.068	0.111	0.374
40237850		46	72	<10	<1	56	<2	23	60	0.001	0.0007	0.001
40237851		974	9520	20	47	6460	13	12	239	0.040	0.0441	0.202

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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To: RIO TINTO EXPLORATION CANADA INC.
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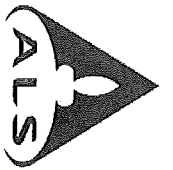
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40237852		2.58			48.7	14.45	17.35	5.39	2.04	5.32	0.54	0.03	2.57	0.15	0.07	0.04
40237853		4.28			46.0	15.05	19.05	4.93	2.14	5.22	0.55	0.03	3.24	0.15	0.07	0.04
40237854		3.35			43.9	15.15	22.3	5.31	2.02	5.16	0.74	0.03	2.00	0.12	0.06	0.04
40237854 CRD		<0.02			43.5	14.95	21.5	5.39	2.11	4.96	0.76	0.03	2.09	0.12	0.06	0.05
40237855		2.40			50.6	17.70	11.20	7.80	3.82	2.64	1.38	<0.01	2.50	0.11	0.08	0.08
40237856		4.03			52.3	19.40	8.92	7.33	4.17	2.09	1.25	<0.01	2.01	0.08	0.07	0.09
40237857		3.10			54.4	20.8	6.21	5.74	4.19	2.06	1.57	<0.01	1.78	0.05	0.09	0.10
40237858		3.97			53.8	20.1	6.14	7.14	4.05	2.08	1.70	<0.01	1.98	0.07	0.06	0.08
40237859		4.03			54.3	20.7	5.87	6.45	4.11	2.03	1.56	<0.01	1.82	0.06	0.06	0.09
40237860		0.16			35.8	3.06	13.45	1.97	0.21	31.3	0.11	0.58	0.26	0.16	0.04	0.01
40237861		4.15			54.9	20.7	5.36	5.42	4.09	1.96	2.37	<0.01	1.64	0.04	0.09	0.10
40237862		4.19			54.0	20.0	6.26	5.34	4.20	1.99	2.26	<0.01	1.71	0.05	0.11	0.10
40237863		3.60			53.8	19.25	7.61	6.72	4.05	2.35	1.67	0.01	2.08	0.08	0.15	0.09
40237864		3.60			49.8	14.60	13.50	7.49	3.14	4.00	1.57	<0.01	3.71	0.15	0.15	0.08
40237865		3.22			50.8	18.40	10.05	8.09	3.80	2.69	1.52	<0.01	2.71	0.11	0.12	0.10
40237866		4.15			51.0	18.55	10.90	8.57	3.65	2.64	1.23	<0.01	2.74	0.13	0.13	0.09
40237867		4.29			50.5	18.25	11.40	9.06	3.61	2.66	0.73	<0.01	2.85	0.15	0.15	0.07
40237868		4.17			51.0	18.50	11.75	9.14	3.66	2.61	0.78	<0.01	2.89	0.15	0.17	0.07
40237869		5.96			50.7	17.95	12.50	8.99	3.55	2.79	0.88	<0.01	3.09	0.17	0.12	0.07
40237870		0.96	85.1	90.8	50.8	13.95	10.25	11.15	2.07	8.61	0.24	0.04	0.64	0.16	0.06	0.03
40237871		3.23			47.5	16.10	13.60	9.14	3.16	3.72	0.77	<0.01	4.31	0.17	0.12	0.07
40237872		2.66			48.1	15.45	14.70	9.47	3.15	4.41	0.52	<0.01	5.08	0.18	0.12	0.06
40237873		3.74			47.6	15.55	14.40	9.23	3.09	4.81	0.56	<0.01	5.25	0.17	0.10	0.06
40237874		4.11			48.0	16.30	12.40	9.41	3.20	4.74	0.50	<0.01	5.22	0.14	0.06	0.07
40237874 CRD		<0.02			47.6	16.45	12.45	9.56	3.15	4.70	0.51	<0.01	5.19	0.14	0.08	0.07
40237875		4.89			46.7	16.40	11.25	9.55	3.10	5.09	0.50	<0.01	5.65	0.13	0.08	0.06
40237876		2.24			47.5	17.10	10.50	9.39	3.09	5.52	0.44	0.01	5.58	0.13	0.06	0.06
40237877		2.53			43.7	17.90	13.10	8.90	2.02	8.98	0.50	0.08	0.80	0.13	0.10	0.03
40237878		3.55			43.7	17.70	13.40	8.85	1.90	8.85	0.44	0.09	0.79	0.12	0.09	0.03
40237879		2.95			45.9	21.4	8.99	11.50	2.17	6.51	0.50	0.02	1.01	0.11	0.13	0.04
40237880		0.16			37.1	3.15	14.15	2.07	0.21	32.3	0.10	0.60	0.27	0.16	0.04	<0.01
40237881		4.58			46.1	19.00	10.45	10.75	2.36	6.94	0.46	0.09	1.30	0.18	0.18	0.03
40237882		3.45			45.7	18.30	11.10	10.25	2.22	8.22	0.41	0.03	1.23	0.14	0.14	0.03
40237883		2.77			45.7	18.55	10.60	10.65	2.18	8.21	0.40	0.03	1.23	0.13	0.14	0.03
40237884		3.65			45.3	18.55	10.10	10.25	2.16	8.52	0.40	0.02	1.12	0.12	0.14	0.03
40237885		3.85			45.3	18.60	10.20	10.35	2.13	8.87	0.40	0.03	1.09	0.12	0.14	0.03
40237886		3.69			45.1	18.00	10.60	10.10	1.98	9.85	0.37	0.03	1.11	0.13	0.14	0.03
40237887		3.53			46.1	17.90	11.00	10.05	2.07	10.05	0.46	0.03	1.25	0.14	0.17	0.03
40237888		3.39			46.1	18.20	10.45	9.56	2.36	8.45	0.48	0.03	1.28	0.13	0.16	0.03
40237889		3.96			47.5	19.90	10.10	10.70	2.42	7.10	0.56	0.06	1.36	0.12	0.18	0.03

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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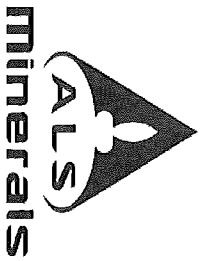
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Table with columns: Sample Description, Method Analyte Units, LOR, ME-ICP06 BaO %, C-IR07 C %, S-IR08 S %, ME-MS81 Ba ppm, ME-MS81 Ca ppm, ME-MS81 Cr ppm, ME-MS81 Cs ppm, ME-MS81 Dy ppm, ME-MS81 Er ppm, ME-MS81 Eu ppm, ME-MS81 Ga ppm, ME-MS81 Gd ppm, ME-MS81 Hf ppm, ME-MS81 Ho ppm, ME-MS81 La ppm. Rows include sample IDs like 40237852, 40237853, 40237854, 40237854 CRD, 40237855, 40237856, 40237857, 40237858, 40237859, 40237860, 40237861, 40237862, 40237863, 40237864, 40237865, 40237866, 40237867, 40237868, 40237869, 40237870, 40237871, 40237872, 40237873, 40237874, 40237874 CRD, 40237875, 40237876, 40237877, 40237878, 40237879, 40237880, 40237881, 40237882, 40237883, 40237884, 40237885, 40237886, 40237887, 40237888, 40237889.

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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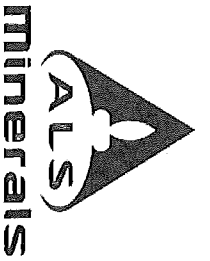
CERTIFICATE OF ANALYSIS TB13228476

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Sample Description	Method Analyte Units LOR	ME-MSB1 Lu ppm 0.01	ME-MSB1 Nb ppm 0.2	ME-MSB1 Nd ppm 0.1	ME-MSB1 Pr ppm 0.03	ME-MSB1 Rb ppm 0.2	ME-MSB1 Sm ppm 0.03	ME-MSB1 Sn ppm 1	ME-MSB1 Sr ppm 0.1	ME-MSB1 Ta ppm 0.1	ME-MSB1 Tl ppm 0.01	ME-MSB1 Th ppm 0.05	ME-MSB1 Tl ppm 0.5	ME-MSB1 Tm ppm 0.01	ME-MSB1 U ppm 0.05	ME-MSB1 V ppm 5
40237852		0.21	9.5	9.2	2.31	18.9	1.78	<1	302	0.7	0.31	2.01	<0.5	0.19	1.04	348
40237853		0.18	12.8	9.5	2.43	21.5	1.94	1	319	0.8	0.26	1.77	<0.5	0.16	1.02	363
40237854		0.18	6.7	9.3	2.33	36.1	1.92	<1	350	0.5	0.27	1.53	<0.5	0.18	0.94	324
40237854 CRD		0.17	6.8	9.4	2.30	35.8	1.80	<1	358	0.5	0.28	1.48	<0.5	0.18	0.91	319
40237855		0.16	6.6	11.5	2.77	60.6	2.43	1	665	0.5	0.41	1.76	<0.5	0.18	0.92	227
40237856		0.17	5.9	10.9	2.64	51.3	2.29	1	685	0.5	0.34	2.04	<0.5	0.17	1.08	172
40237857		0.23	8.9	14.8	3.63	65.3	2.86	<1	771	0.6	0.42	2.90	<0.5	0.23	1.46	186
40237858		0.16	4.6	10.8	2.70	65.3	2.15	<1	633	0.4	0.29	2.18	<0.5	0.15	1.12	169
40237859		0.16	6.3	11.0	2.86	59.5	2.13	<1	700	0.4	0.31	2.38	<0.5	0.19	1.23	158
40237860		0.06	1.3	3.2	0.75	3.4	0.72	1	47.2	0.1	0.11	0.52	<0.5	0.06	0.12	<5
40237861		0.19	8.1	14.9	3.77	98.4	2.86	<1	785	0.5	0.38	2.82	<0.5	0.21	1.57	132
40237862		0.28	9.6	17.5	4.38	92.3	3.41	1	729	0.6	0.53	2.97	<0.5	0.27	1.64	138
40237863		0.26	9.7	17.0	4.01	59.4	3.59	1	688	0.6	0.59	2.73	<0.5	0.29	1.25	127
40237864		0.29	12.5	18.4	4.25	52.6	4.11	1	622	0.9	0.67	2.16	<0.5	0.33	0.80	265
40237865		0.21	8.9	13.6	3.28	51.6	3.03	1	729	0.7	0.47	1.54	<0.5	0.23	0.61	173
40237866		0.22	8.7	13.2	3.14	37.1	2.86	1	665	0.6	0.49	1.34	<0.5	0.25	0.50	189
40237867		0.26	8.8	13.9	3.38	19.2	3.20	1	541	0.6	0.54	1.17	<0.5	0.26	0.38	173
40237868		0.25	8.7	13.4	3.15	22.1	3.11	1	570	0.6	0.51	1.07	<0.5	0.27	0.38	145
40237869		0.25	9.6	15.0	3.31	26.4	3.58	1	639	0.6	0.61	1.06	<0.5	0.27	0.32	157
40237870		0.12	2.5	6.9	1.60	5.1	1.74	<1	266	0.1	0.33	0.96	<0.5	0.14	0.18	225
40237871		0.27	9.1	12.9	2.73	22.2	2.98	1	591	0.7	0.59	0.87	<0.5	0.25	0.21	346
40237872		0.26	10.2	13.1	2.75	14.0	2.92	<1	509	0.8	0.56	0.95	<0.5	0.25	0.29	428
40237873		0.24	8.7	9.6	2.09	14.1	2.49	1	526	0.7	0.45	0.68	<0.5	0.21	0.25	460
40237874		0.20	6.9	8.9	1.84	12.7	2.15	<1	445	0.6	0.42	0.62	<0.5	0.18	0.19	445
40237874 CRD		0.21	7.0	8.8	1.80	12.4	2.26	<1	555	0.5	0.40	0.63	<0.5	0.18	0.24	432
40237875		0.19	5.8	7.6	1.65	12.9	2.02	<1	557	0.5	0.34	0.58	<0.5	0.18	0.15	582
40237876		0.15	5.3	6.5	1.38	10.7	1.70	<1	518	0.4	0.25	0.49	<0.5	0.15	0.12	1030
40237877		0.18	4.7	9.4	2.19	18.9	2.16	1	308	0.2	0.40	0.73	<0.5	0.17	0.25	136
40237878		0.15	4.3	9.3	2.05	15.6	2.39	1	270	0.2	0.25	0.75	<0.5	0.18	0.25	171
40237879		0.26	6.0	11.7	2.56	18.9	2.94	1	340	0.3	0.45	0.80	<0.5	0.26	0.18	136
40237880		0.06	1.3	3.2	0.77	3.7	0.79	1	49.4	0.1	0.12	0.49	<0.5	0.07	0.16	28
40237881		0.29	8.0	16.2	3.62	16.6	3.93	1	299	0.5	0.66	1.18	<0.5	0.33	0.33	188
40237882		0.26	7.0	14.0	3.11	13.3	3.44	1	285	0.4	0.27	1.11	<0.5	0.29	0.27	168
40237883		0.27	6.7	13.3	2.93	12.9	3.27	1	286	0.4	0.53	0.88	<0.5	0.27	0.25	169
40237884		0.25	7.0	14.6	3.07	13.1	3.32	1	288	0.4	0.53	0.94	<0.5	0.30	0.22	154
40237885		0.27	6.4	12.6	2.89	12.0	2.75	1	282	0.4	0.54	0.85	<0.5	0.28	0.19	150
40237886		0.30	6.8	13.4	3.05	12.1	3.23	1	269	0.4	0.57	1.00	<0.5	0.25	0.30	155
40237887		0.28	7.6	14.8	3.40	15.4	3.82	1	271	0.4	0.59	1.22	<0.5	0.26	0.40	163
40237888		0.35	9.9	19.0	4.31	16.8	4.31	1	280	0.5	0.72	1.70	<0.5	0.36	0.50	160
40237889		0.34	8.7	17.2	3.81	18.1	4.34	1	301	0.5	0.68	1.45	<0.5	0.36	0.36	176

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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Project: EB80000942

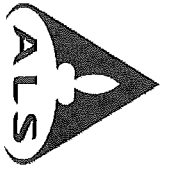
CERTIFICATE OF ANALYSIS TB13228476

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 Finalized Date: 20-JAN-2014
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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GR405 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237852	<1	10.5	1.20	70	14.8	0.36	<0.005	0.009	0.71	2.8	0.11	4.39	101.06	<0.5	12	<0.5
40237853	<1	9.1	1.17	56	22.4	0.65	0.009	0.88	0.88	3.2	0.22	2.76	99.25	<0.5	28	<0.5
40237854	<1	9.5	1.08	54	23.7	0.33	0.008	0.73	4.9	4.9	0.08	2.99	99.84	<0.5	24	<0.5
40237854 CRD	<1	9.3	1.01	49	18.1	0.32	0.007	0.54	4.3	2.1	0.06	2.83	98.37	<0.5	29	<0.5
40237855	<1	11.6	1.15	67	10.6	0.40	0.009	0.30	0.30	2.1	0.06	1.96	99.90	<0.5	13	<0.5
40237856	<1	11.2	1.10	66	13.8	0.16	0.008	0.40	0.40	2.1	0.07	2.16	99.89	<0.5	14	<0.5
40237857	<1	13.4	1.41	96	0.8	0.05	0.005	0.09	0.6	0.6	0.01	2.74	99.76	<0.5	<5	<0.5
40237858	<1	10.2	0.95	64	0.2	0.02	0.005	0.09	0.5	0.5	0.01	2.31	99.54	<0.5	<5	<0.5
40237859	<1	10.7	1.17	76	0.3	0.03	0.005	0.07	0.5	0.5	0.01	2.47	99.55	<0.5	<5	<0.5
40237860	<1	3.8	0.32	19	1.3	0.10	0.024	0.42	1.3	1.3	0.15	11.00	98.03	1.0	5	0.8
40237861	<1	12.8	1.32	90	0.1	0.04	<0.005	0.07	0.07	0.6	<0.01	3.02	99.73	<0.5	6	<0.5
40237862	<1	16.3	1.61	96	1.0	0.05	0.006	0.13	0.13	0.9	0.01	2.97	99.03	<0.5	<5	<0.5
40237863	<1	17.8	1.84	116	0.5	0.05	<0.005	0.09	0.22	0.7	<0.01	2.43	100.32	<0.5	7	<0.5
40237864	<1	20.6	1.81	128	0.7	0.05	0.007	0.06	0.06	0.4	0.01	1.54	99.76	<0.5	<5	<0.5
40237865	<1	15.1	1.47	85	2.8	0.03	0.005	0.07	0.07	0.5	0.01	1.73	100.15	<0.5	<5	<0.5
40237866	<1	15.4	1.41	77	1.9	0.04	0.005	0.06	0.11	0.4	0.01	1.47	101.13	<0.5	9	<0.5
40237867	<1	17.0	1.56	92	1.7	0.04	<0.005	0.23	0.23	0.5	<0.01	1.04	100.50	<0.5	8	<0.5
40237868	<1	16.8	1.65	89	2.1	0.03	<0.005	0.20	0.22	0.5	0.01	0.92	101.65	<0.5	14	<0.5
40237869	<1	18.5	1.94	105	2.6	0.03	<0.005	0.20	0.05	0.5	<0.01	0.51	101.36	<0.5	<5	<0.5
40237870	<1	9.7	0.95	40	0.1	0.02	<0.005	<0.005	<0.05	0.5	0.01	0.81	98.82	<0.5	<5	<0.5
40237871	<1	16.9	1.73	88	0.4	0.02	<0.005	0.06	0.06	<0.2	0.01	0.62	99.30	<0.5	<5	<0.5
40237872	<1	17.5	1.70	92	0.4	0.01	<0.005	0.07	0.07	0.2	<0.01	0.31	101.57	<0.5	8	<0.5
40237873	<1	14.0	1.43	77	1.6	0.07	<0.005	0.12	0.12	0.2	0.01	0.34	101.18	<0.5	6	<0.5
40237874	<1	12.3	1.14	67	1.5	0.10	0.009	0.14	0.14	<0.2	0.02	0.33	100.39	<0.5	6	<0.5
40237874 CRD	<1	11.8	1.18	64	1.3	0.07	0.005	0.11	0.11	<0.2	0.01	0.60	100.52	<0.5	<5	<0.5
40237875	<1	11.0	1.24	55	0.6	0.03	<0.005	0.07	0.07	<0.2	0.01	0.41	98.93	<0.5	9	<0.5
40237876	<1	8.8	0.96	50	0.5	0.05	<0.005	0.06	0.06	<0.2	0.01	0.42	99.81	<0.5	6	<0.5
40237877	<1	12.1	1.17	62	8.6	0.29	0.006	0.14	0.14	1.1	0.06	2.24	98.49	<0.5	8	<0.5
40237878	<1	11.0	1.19	59	11.5	0.42	0.006	0.21	0.21	1.4	0.08	2.51	98.48	0.6	15	0.6
40237879	<1	15.1	1.39	81	<0.1	0.08	0.005	0.05	0.05	0.6	0.04	2.23	100.52	<0.5	<5	<0.5
40237880	<1	3.8	0.43	21	1.9	0.12	0.024	0.45	0.45	1.3	0.17	10.75	100.98	1.3	<5	1.0
40237881	<1	20.9	2.19	120	0.1	0.05	0.008	<0.005	<0.05	0.9	0.03	2.04	99.83	<0.5	5	<0.5
40237882	<1	18.2	2.00	106	<0.1	0.02	0.005	<0.005	<0.05	0.3	0.02	1.25	99.03	<0.5	6	<0.5
40237883	<1	17.0	1.79	88	0.1	0.01	0.006	<0.005	<0.05	0.3	0.01	1.58	99.44	<0.5	<5	<0.5
40237884	<1	17.8	1.69	99	<0.1	0.01	0.005	<0.005	<0.05	0.3	0.02	1.63	98.35	<0.5	<5	<0.5
40237885	<1	16.7	1.72	96	<0.1	0.01	<0.005	<0.005	<0.05	0.3	0.01	1.87	99.34	<0.5	<5	<0.5
40237886	<1	17.2	1.75	99	<0.1	0.02	<0.005	<0.005	<0.05	0.3	0.01	1.69	99.14	<0.5	<5	<0.5
40237887	<1	19.2	2.00	105	<0.1	0.03	<0.005	<0.005	<0.05	0.4	0.01	1.79	101.05	<0.5	<5	<0.5
40237888	<1	23.3	2.30	142	<0.1	0.02	0.008	0.07	0.07	0.5	<0.01	1.72	98.97	<0.5	<5	<0.5
40237889	<1	22.1	1.99	121	0.4	0.02	<0.005	0.06	0.06	0.4	0.01	1.59	101.64	<0.5	<5	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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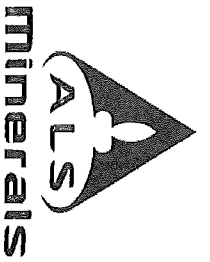
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40237852		140	1195	30	1	1590	14	28	135	0.020	0.0768	0.261
40237853		146	2870	30	3	1840	21	29	173	0.051	0.0886	0.308
40237854		236	1660	30	5	1355	7	29	142	0.015	0.0194	0.059
40237854 CRD		227	1625	30	5	1315	2	27	146	0.013	0.0179	0.054
40237855		86	1480	10	<1	1145	7	19	98	0.016	0.0224	0.096
40237856		70	1675	20	<1	858	5	13	88	0.009	0.0168	0.063
40237857		18	157	40	<1	50	3	13	48	0.004	0.0036	0.011
40237858		22	74	30	<1	36	2	12	36	0.008	0.0025	0.010
40237859		18	80	40	<1	27	5	11	38	0.003	0.0023	0.008
40237860		141	583	<10	2	1775	62	10	208	0.015	0.0057	0.003
40237861		10	68	50	<1	26	3	12	41	0.003	0.0026	0.009
40237862		11	129	50	<1	45	6	13	66	0.004	0.0030	0.010
40237863		20	127	30	<1	33	6	16	102	0.003	0.0021	0.008
40237864		38	133	20	<1	31	7	32	70	0.003	0.0027	0.003
40237865		29	239	30	<1	17	5	20	69	0.004	0.0020	0.005
40237866		29	200	40	<1	28	4	23	118	0.007	0.0029	0.007
40237867		30	131	20	<1	30	11	25	145	0.008	0.0026	0.006
40237868		29	94	20	<1	26	13	26	124	0.006	0.0027	0.007
40237869		29	119	20	<1	19	11	27	123	0.004	0.0029	0.007
40237870		53	82	10	<1	84	<2	32	62	<0.001	<0.0005	<0.001
40237871		40	133	20	<1	19	6	35	83	0.003	0.0036	0.009
40237872		44	95	20	<1	58	4	39	86	0.008	0.0051	0.014
40237873		53	258	20	<1	118	3	38	90	0.007	0.0069	0.020
40237874		45	356	20	<1	148	5	36	74	0.008	0.0103	0.030
40237874 CRD		46	288	20	<1	122	4	37	74	0.007	0.0082	0.023
40237875		37	111	20	<1	62	5	37	67	0.007	0.0064	0.019
40237876		35	86	20	<1	59	9	35	61	0.005	0.0070	0.017
40237877		103	678	30	<1	442	10	11	100	0.013	0.0216	0.066
40237878		117	1020	20	1	788	10	12	103	0.018	0.0254	0.098
40237879		44	515	10	<1	420	2	13	61	0.016	0.0324	0.056
40237880		140	544	<10	2	1755	54	10	197	0.015	0.0064	0.004
40237881		48	644	10	<1	488	<2	17	76	0.013	0.0253	0.115
40237882		52	154	10	<1	266	<2	18	88	0.004	0.0076	0.009
40237883		50	142	10	<1	282	<2	18	85	0.003	0.0065	0.012
40237884		52	128	<10	<1	319	<2	16	83	0.002	0.0058	0.010
40237885		54	128	10	<1	349	<2	15	84	0.002	0.0030	0.005
40237886		58	128	<10	<1	424	<2	16	93	0.002	0.0037	0.007
40237887		59	120	10	<1	405	<2	17	99	0.001	0.0024	0.004
40237888		53	125	20	<1	331	<2	16	94	0.001	0.0017	0.002
40237889		45	142	10	<1	258	<2	17	87	0.002	0.0023	0.004

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
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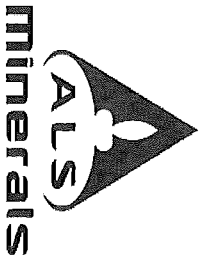
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-OC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40237890		0.59			50.8	13.45	10.40	11.40	2.00	9.03	0.23	0.04	0.62	0.16	0.06	0.03
40237891		3.92			47.4	19.10	10.15	10.65	2.43	6.79	0.61	0.07	1.55	0.13	0.17	0.03
40237892		3.73			46.8	19.45	9.48	11.10	2.20	6.74	0.54	0.08	1.25	0.12	0.14	0.03
40237893		3.76			46.5	18.70	10.35	10.30	2.18	8.64	0.52	0.12	1.17	0.13	0.13	0.03
40237894		3.74			48.9	17.75	10.25	8.17	2.78	8.28	0.71	0.03	1.07	0.12	0.13	0.03
40237894 CRD		<0.02			48.6	18.00	10.45	8.23	2.81	8.22	0.73	0.02	1.09	0.11	0.15	0.03
40237895		2.26			46.3	17.60	10.80	8.78	2.26	9.15	0.77	0.03	1.06	0.12	0.14	0.03
40237896		1.73			45.1	17.50	11.15	9.65	2.08	10.45	0.48	0.03	1.03	0.13	0.12	0.03
40237897		3.70			46.0	17.10	11.45	9.33	2.11	10.50	0.54	0.03	1.02	0.13	0.13	0.03
40237898		3.71			45.4	17.25	11.00	9.80	2.06	10.70	0.47	0.04	1.05	0.13	0.13	0.03
40237899		3.67			47.2	17.35	10.85	9.36	2.31	9.98	0.51	0.05	1.07	0.13	0.12	0.03
40238100		0.16			36.2	3.00	13.65	1.99	0.24	31.3	0.11	0.56	0.26	0.16	0.03	<0.01
40238101		3.68			47.6	17.20	11.25	9.79	2.19	9.65	0.50	0.05	1.15	0.13	0.15	0.03
40238102		4.04			47.2	17.25	11.05	9.91	2.12	10.30	0.39	0.05	1.26	0.14	0.13	0.03
40238103		3.90			47.1	17.70	11.25	10.10	2.16	9.09	0.46	0.08	1.35	0.15	0.15	0.03
40238104		4.76			47.0	18.80	10.45	10.45	2.30	7.05	0.59	0.11	1.39	0.14	0.15	0.04
40238105		2.78			45.8	16.75	11.85	9.38	2.02	10.80	0.45	0.26	1.29	0.15	0.14	0.03
40238106		4.43			45.6	17.20	10.55	9.70	2.19	10.35	0.43	0.04	1.11	0.14	0.14	0.03
40238107		2.99			46.5	17.80	10.95	9.93	2.19	9.27	0.49	0.04	1.28	0.14	0.16	0.04
40238108		4.04			45.9	17.25	10.90	9.55	2.00	10.85	0.42	0.05	1.05	0.14	0.12	0.03
40238109		4.00			44.9	17.20	10.35	9.67	1.78	10.30	0.48	0.07	1.08	0.13	0.13	0.03
40238110		0.85			52.2	16.20	8.66	9.83	2.55	7.50	0.32	0.01	0.66	0.14	0.06	0.04
40238111		3.84			44.5	16.95	10.45	9.48	1.84	10.55	0.44	0.08	1.08	0.13	0.13	0.03
40238112		4.14			45.3	17.40	10.65	9.46	2.00	10.20	0.44	0.10	1.12	0.14	0.12	0.03
40238113		5.03			46.8	17.50	11.20	9.77	2.13	10.50	0.33	0.11	1.14	0.14	0.14	0.03
40238114		4.07			46.4	17.40	11.10	9.60	2.22	9.97	0.36	0.10	1.19	0.14	0.14	0.03
40238114 CRD		<0.02			46.1	17.20	11.15	9.51	2.17	9.90	0.35	0.10	1.21	0.14	0.14	0.03
40238115		3.40			46.6	17.55	11.00	9.86	2.25	8.55	0.41	0.11	1.34	0.14	0.15	0.03
40238116		1.47			46.0	17.50	11.10	9.57	2.34	8.02	0.49	0.15	1.32	0.14	0.16	0.03
40238117		1.95		86.4	46.1	17.05	11.55	9.48	2.06	10.90	0.36	0.13	1.25	0.15	0.14	0.03
40238118		3.78			46.0	16.15	11.90	9.04	2.08	11.60	0.33	0.14	1.21	0.15	0.13	0.03
40238119		4.23			46.3	16.60	11.80	9.29	2.19	10.50	0.37	0.16	1.30	0.15	0.15	0.03
40238120		0.16			36.3	3.02	13.35	2.01	0.23	31.1	0.10	0.58	0.28	0.16	0.03	0.01
40238121		3.75			47.0	17.40	11.20	8.88	2.43	7.50	1.06	0.18	1.43	0.15	0.17	0.04
40238122		1.78			47.5	16.90	12.65	9.57	2.51	8.24	0.56	0.35	1.58	0.16	0.18	0.03
40238123		1.20			44.2	17.65	13.65	8.98	2.28	8.68	0.49	0.60	1.20	0.15	0.14	0.03
40238124		2.55			43.8	17.55	15.40	9.11	2.20	7.58	0.54	0.23	1.07	0.14	0.12	0.03
40238125		3.19			41.7	17.95	18.40	9.40	1.95	7.47	0.26	0.30	0.94	0.13	0.11	0.02
40238126		2.98			44.6	18.90	12.95	9.58	2.26	7.44	0.45	0.05	0.90	0.12	0.10	0.04
40238127		3.65			45.4	17.90	13.35	9.29	2.47	7.34	0.45	0.04	1.13	0.14	0.13	0.04

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

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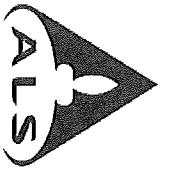
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MSB1 Ba ppm	ME-MSB1 Ce ppm	ME-MSB1 Cr ppm	ME-MSB1 Cs ppm	ME-MSB1 Dy ppm	ME-MSB1 Er ppm	ME-MSB1 Eu ppm	ME-MSB1 Ga ppm	ME-MSB1 Gd ppm	ME-MSB1 Hf ppm	ME-MSB1 Ho ppm	ME-MSB1 La ppm
40237890	0.01	0.08	0.15	0.15	133.0	12.7	330	0.32	2.06	1.16	0.60	15.2	2.14	1.0	0.40	6.3
40237891	0.02	0.01	0.06	0.06	182.0	29.0	480	2.11	4.16	2.54	1.25	19.1	4.27	3.0	0.80	13.1
40237892	0.02	0.01	0.06	0.06	180.5	25.5	560	2.16	2.35	2.35	1.30	18.6	3.67	3.1	0.76	11.8
40237893	0.02	0.01	0.05	0.05	164.0	23.2	940	2.00	3.39	2.00	1.15	17.7	3.39	2.2	0.71	10.2
40237894	0.03	0.23	0.10	0.10	234	32.8	220	2.61	4.18	2.53	1.11	18.2	4.11	3.2	0.83	15.8
40237894 CRD	0.02	0.21	0.10	0.10	238	34.3	220	2.52	4.18	2.34	1.20	18.5	3.70	3.1	0.79	16.1
40237895	0.02	0.11	0.15	0.15	236	28.6	260	2.37	4.06	2.39	1.17	17.8	3.64	3.0	0.72	13.2
40237896	0.01	0.01	0.04	0.04	135.5	21.3	250	1.83	4.03	1.71	1.06	16.5	3.00	2.2	0.57	9.6
40237897	0.01	0.01	0.20	0.20	150.5	22.2	280	2.10	3.16	1.91	1.11	16.7	3.27	2.3	0.64	9.8
40237898	0.01	0.01	0.04	0.04	139.5	20.5	350	2.04	3.23	1.81	1.08	16.1	3.31	2.1	0.55	9.2
40237899	0.02	0.05	0.05	0.05	164.5	23.2	350	2.41	3.36	1.80	1.01	16.7	3.27	1.9	0.65	10.5
40238100	0.08	0.22	0.37	0.37	744	6.3	4430	0.24	0.75	0.42	0.23	4.7	0.73	0.6	0.14	3.1
40238101	0.02	0.01	0.04	0.04	149.0	26.9	390	1.94	4.03	2.19	1.05	18.1	4.11	2.6	0.76	11.6
40238102	0.02	0.01	0.04	0.04	136.0	22.2	370	1.48	3.39	2.01	1.14	17.3	3.32	2.2	0.68	9.9
40238103	0.02	0.01	0.05	0.05	157.5	26.7	570	1.56	3.57	2.34	1.03	18.1	3.96	2.7	0.81	11.9
40238104	0.02	0.01	0.06	0.06	167.5	26.1	840	1.78	3.92	2.23	1.27	18.9	3.68	3.0	0.80	11.7
40238105	0.02	0.01	0.05	0.05	144.0	22.7	1960	1.76	3.93	1.98	1.13	17.7	3.78	2.7	0.74	10.7
40238106	0.01	0.01	0.04	0.04	131.5	22.7	290	1.61	3.26	1.85	1.09	16.6	3.40	2.2	0.68	10.0
40238107	0.02	0.01	0.04	0.04	133.0	27.7	320	1.79	4.23	2.26	1.26	17.6	3.96	2.9	0.76	12.1
40238108	0.01	0.01	0.05	0.05	125.5	20.9	390	1.78	3.08	1.83	1.06	16.7	3.22	2.0	0.62	9.1
40238109	0.02	0.03	0.04	0.04	189.5	20.8	560	2.32	3.20	1.72	0.97	16.8	3.02	2.3	0.60	9.1
40238110	0.02	0.10	0.11	0.11	163.0	15.8	50	0.22	1.96	1.08	0.65	17.9	2.08	1.3	0.39	7.9
40238111	0.01	0.02	0.04	0.04	133.0	21.1	590	1.79	2.82	1.68	1.02	16.4	3.17	2.4	0.63	9.3
40238112	0.02	0.01	0.04	0.04	142.5	23.2	760	1.70	3.28	2.08	1.17	17.7	2.90	2.3	0.64	10.6
40238113	0.01	0.01	0.04	0.04	128.0	22.6	780	1.23	3.39	1.77	1.11	17.6	3.38	2.4	0.65	9.7
40238114	0.01	<0.01	0.04	0.04	132.5	23.5	780	1.41	3.41	1.92	1.13	18.0	3.60	2.5	0.73	10.3
40238114 CRD	0.01	0.01	0.04	0.04	133.5	23.8	780	1.43	3.66	2.01	1.13	18.3	3.67	2.5	0.70	10.4
40238115	0.02	0.01	0.07	0.07	150.0	26.1	860	1.79	3.82	2.02	1.16	19.0	4.10	2.8	0.77	11.3
40238116	0.02	<0.01	0.06	0.06	158.5	27.0	1140	1.80	3.90	2.24	1.21	20.0	4.18	3.0	0.76	11.8
40238117	0.01	0.01	0.07	0.07	133.0	23.6	950	1.34	3.46	2.06	1.13	17.2	3.66	2.4	0.74	10.3
40238118	0.01	0.01	0.05	0.05	132.0	24.0	1060	1.54	3.49	2.16	1.06	17.5	3.74	2.8	0.68	10.7
40238119	0.02	0.01	0.04	0.04	145.0	25.5	1190	1.33	3.77	2.15	1.17	18.4	3.67	2.8	0.75	11.3
40238120	0.08	0.22	0.37	0.37	706	6.1	4380	0.25	0.76	0.47	0.24	4.7	0.82	0.5	0.16	2.9
40238121	0.04	0.03	0.06	0.06	330	29.5	1390	2.42	4.33	2.37	1.34	20.2	4.35	3.0	0.78	13.2
40238122	0.02	0.01	0.06	0.06	181.5	32.1	2530	1.75	4.51	2.55	1.40	20.1	4.71	3.7	0.91	14.3
40238123	0.01	0.02	0.93	0.93	124.0	22.4	4400	2.09	3.42	1.88	1.10	20.2	3.35	2.6	0.65	10.0
40238124	0.01	0.01	1.81	1.81	121.5	21.1	1720	2.31	3.19	1.69	1.02	18.2	3.12	2.2	0.61	9.3
40238125	0.01	0.01	3.04	3.04	105.5	16.8	2270	0.90	2.28	1.39	0.93	17.4	2.56	1.8	0.48	7.5
40238126	0.01	0.01	1.51	1.51	106.5	15.9	360	1.23	2.21	1.13	0.92	16.8	2.23	1.5	0.46	7.1
40238127	0.01	0.01	1.11	1.11	133.5	20.5	270	1.23	2.71	1.60	1.14	18.4	2.62	2.2	0.57	9.1

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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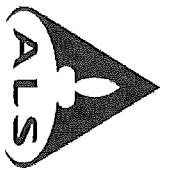
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40237890		0.13	2.3	7.0	1.64	5.0	1.63	<1	0.1	0.30	0.97	<0.5	0.15	0.14	228
40237891		0.35	9.1	17.5	3.85	22.2	3.92	1	0.5	0.69	1.22	<0.5	0.32	0.31	200
40237892		0.30	7.2	14.9	3.31	19.2	3.44	1	0.5	0.59	1.11	<0.5	0.31	0.28	157
40237893		0.22	6.6	13.9	2.95	17.7	3.62	1	0.4	0.58	1.05	<0.5	0.26	0.28	158
40237894		0.32	7.7	17.5	4.22	26.5	3.88	1	0.5	0.62	2.79	<0.5	0.34	2.70	162
40237894 CRD		0.35	7.8	18.3	4.41	26.9	4.43	1	0.5	0.66	2.60	<0.5	0.32	2.99	162
40237895		0.31	7.6	15.7	3.60	29.5	4.02	1	0.5	0.62	1.99	<0.5	0.29	1.81	156
40237896		0.23	5.9	12.3	2.74	15.0	2.78	1	0.3	0.50	1.07	<0.5	0.22	0.26	135
40237897		0.29	5.9	12.7	2.82	17.4	2.84	1	0.4	0.46	1.15	<0.5	0.24	0.43	147
40237898		0.26	5.9	12.2	2.58	14.0	2.67	1	0.4	0.48	0.92	<0.5	0.24	0.22	144
40237899		0.25	7.0	13.2	2.90	18.4	3.12	1	0.4	0.55	1.41	<0.5	0.27	1.03	157
40238100		0.06	1.7	3.3	0.78	3.5	0.86	1	<0.1	0.12	0.51	<0.5	0.07	0.13	41
40238101		0.29	7.9	15.6	3.42	18.2	3.86	1	0.3	0.63	1.21	<0.5	0.33	0.53	159
40238102		0.26	6.6	13.5	2.80	11.7	3.39	1	0.3	0.57	0.89	<0.5	0.24	0.24	163
40238103		0.28	8.1	14.8	3.54	14.7	3.67	1	0.4	0.63	1.03	<0.5	0.31	0.31	179
40238104		0.26	7.8	15.0	3.34	20.2	3.65	1	0.4	0.64	1.14	<0.5	0.30	0.72	185
40238105		0.30	7.5	13.5	3.11	15.7	3.49	1	0.3	0.57	1.04	<0.5	0.28	0.31	173
40238106		0.24	6.7	12.7	2.83	15.4	3.32	1	0.2	0.52	0.90	<0.5	0.28	0.28	146
40238107		0.29	7.7	15.2	3.45	16.7	3.82	1	0.4	0.63	1.29	<0.5	0.31	0.31	154
40238108		0.22	5.9	11.7	2.62	14.2	3.15	1	0.3	0.48	0.83	<0.5	0.22	0.19	138
40238109		0.24	6.3	11.6	2.69	18.5	3.22	1	0.3	0.47	0.79	0.5	0.24	0.20	145
40238110		0.15	3.1	7.6	1.91	7.1	1.84	<1	0.1	0.26	1.13	<0.5	0.16	0.20	192
40238111		0.23	6.2	12.1	2.71	16.2	3.03	1	0.3	0.46	0.96	<0.5	0.26	0.22	148
40238112		0.24	7.0	13.0	2.94	15.0	3.19	1	0.3	0.47	1.24	<0.5	0.27	0.21	147
40238113		0.22	6.5	12.6	2.75	8.6	3.18	1	0.3	0.54	0.98	<0.5	0.24	0.24	153
40238114		0.27	6.9	13.1	3.03	10.3	3.48	1	0.3	0.56	0.91	<0.5	0.27	0.27	163
40238114 CRD		0.25	7.2	13.9	3.12	10.4	3.57	1	0.3	0.53	0.99	<0.5	0.28	0.23	160
40238115		0.29	7.7	14.8	3.23	13.1	3.76	1	0.4	0.64	1.03	<0.5	0.32	0.28	185
40238116		0.29	8.2	15.5	3.48	16.0	4.03	1	0.4	0.64	1.16	<0.5	0.28	0.28	182
40238117		0.24	7.2	13.5	3.01	10.8	3.46	1	0.3	0.55	0.99	<0.5	0.29	0.25	158
40238118		0.26	7.2	13.7	3.09	9.5	3.35	1	0.3	0.60	1.07	<0.5	0.28	0.29	161
40238119		0.31	7.6	14.6	3.28	10.6	3.34	1	0.3	0.58	0.98	<0.5	0.29	0.30	175
40238120		0.04	1.3	3.2	0.78	3.4	0.80	1	<0.1	0.12	0.50	<0.5	0.05	0.18	57
40238121		0.34	8.9	16.6	3.82	42.1	4.12	1	0.4	0.69	1.20	<0.5	0.31	0.27	196
40238122		0.32	10.2	18.7	4.07	16.1	4.59	1	0.5	0.75	1.32	<0.5	0.35	0.28	188
40238123		0.25	6.9	13.2	2.92	17.9	3.19	1	0.3	0.52	0.89	<0.5	0.26	0.22	142
40238124		0.22	6.0	12.1	2.68	22.4	3.04	2	0.3	0.52	0.84	<0.5	0.23	0.21	160
40238125		0.17	4.8	9.5	2.17	5.4	2.35	2	0.2	0.40	0.65	<0.5	0.16	0.17	141
40238126		0.17	4.7	9.1	2.09	14.8	2.33	1	0.2	0.39	0.66	<0.5	0.18	0.16	111
40238127		0.21	6.1	11.0	2.54	13.8	2.87	1	0.3	0.42	0.85	<0.5	0.23	0.24	154

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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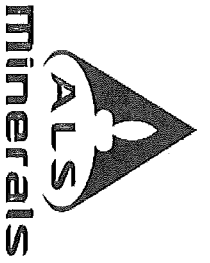
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MSB1 W ppm	ME-MSB1 Y ppm	ME-MSB1 Yb ppm	ME-MSB1 Zr ppm	ME-MS42 AS ppm	ME-MS42 BI ppm	ME-MS42 Hg ppm	ME-MS42 SD ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-IDP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 AS ppm	ME-4ACD81 Cd ppm
40237890	<1	10.0	0.95	38	<0.1	0.01	<0.005	<0.05	0.2	0.01	1.01	99.24	<0.5	7	<0.5	
40237891	<1	21.3	2.20	115	<0.1	0.02	0.006	<0.05	0.4	<0.01	1.33	100.43	<0.5	<5	<0.5	
40237892	<1	19.5	1.98	128	3.5	0.02	0.005	0.05	0.3	0.02	1.99	99.94	<0.5	7	<0.5	
40237893	<1	17.3	1.71	92	<0.05	0.02	<0.005	<0.05	0.3	<0.01	1.09	99.88	<0.5	<5	<0.5	
40237894	1	20.7	2.26	116	6.5	0.03	0.005	0.16	0.6	0.02	2.01	100.26	<0.5	11	<0.5	
40237894 CRD	1	21.1	2.24	120	4.6	0.03	0.005	0.15	0.6	0.02	2.43	100.89	<0.5	5	<0.5	
40237895	1	19.6	2.12	117	0.4	0.02	0.008	0.08	0.5	0.02	2.21	99.27	<0.5	<5	<0.5	
40237896	<1	15.4	1.48	86	<0.1	0.02	0.006	<0.05	0.2	0.02	1.53	99.29	<0.5	<5	<0.5	
40237897	<1	15.8	1.68	88	1.5	0.04	<0.005	0.09	0.3	0.03	1.68	100.06	<0.5	<5	<0.5	
40237898	<1	16.3	1.49	83	<0.1	0.02	0.005	0.05	0.2	0.01	1.84	99.91	<0.5	<5	<0.5	
40237899	<1	16.9	1.72	87	<0.1	0.02	0.007	0.07	0.6	0.01	1.49	100.47	<0.5	<5	<0.5	
40238100	<1	4.1	0.43	24	1.4	0.10	0.029	0.29	1.2	0.16	10.55	98.13	1.5	5	0.9	
40238101	<1	20.4	1.99	103	0.1	0.01	<0.005	<0.05	0.4	0.01	2.27	101.98	<0.5	6	<0.5	
40238102	<1	17.2	1.73	90	<0.1	0.01	0.005	<0.05	0.3	0.01	1.79	101.64	<0.5	<5	<0.5	
40238103	<1	19.7	2.16	103	0.2	0.01	0.006	<0.05	0.3	0.01	0.93	100.57	<0.5	5	<0.5	
40238104	<1	20.0	1.99	116	0.4	0.01	<0.005	<0.05	0.5	0.01	1.34	99.83	<0.5	<5	<0.5	
40238105	<1	18.3	1.77	99	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.28	100.22	<0.5	<5	<0.5	
40238106	<1	16.8	1.60	84	0.2	0.01	<0.005	<0.05	0.5	0.01	1.54	98.81	<0.5	<5	<0.5	
40238107	<1	20.1	2.10	111	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.14	99.95	<0.5	<5	<0.5	
40238108	<1	15.4	1.56	78	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.28	99.55	<0.5	<5	<0.5	
40238109	<1	15.9	1.64	84	0.1	0.01	<0.005	<0.05	0.4	0.01	3.03	99.17	<0.5	5	<0.5	
40238110	<1	9.6	0.97	48	<0.1	0.01	<0.005	<0.05	0.2	<0.01	0.95	99.14	<0.5	<5	<0.5	
40238111	<1	15.7	1.41	87	<0.1	0.01	0.005	<0.05	0.5	0.01	2.38	98.05	<0.5	7	<0.5	
40238112	<1	16.3	1.49	89	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.55	98.53	<0.5	<5	<0.5	
40238113	<1	16.9	1.73	90	0.9	0.01	<0.005	<0.05	0.5	<0.01	0.94	100.74	<0.5	<5	<0.5	
40238114	<1	17.4	1.76	92	2.1	0.01	<0.005	<0.05	0.5	0.01	1.09	99.75	<0.5	<5	<0.5	
40238114 CRD	<1	18.2	1.81	97	2.5	0.01	<0.005	<0.05	0.5	0.01	1.00	99.01	<0.5	<5	<0.5	
40238115	<1	19.3	1.97	100	1.1	0.01	<0.005	<0.05	0.6	0.01	1.82	99.83	<0.5	7	<0.5	
40238116	<1	20.3	2.02	115	8.8	0.02	<0.005	0.08	0.6	0.02	1.35	98.19	<0.5	15	<0.5	
40238117	<1	17.9	1.94	94	1.5	0.01	<0.005	<0.05	0.5	0.01	1.18	100.39	<0.5	<5	<0.5	
40238118	<1	18.4	1.92	103	0.7	0.01	0.005	<0.05	0.5	<0.01	0.91	99.68	<0.5	5	<0.5	
40238119	<1	19.0	1.86	106	1.4	0.01	<0.005	<0.05	0.5	0.01	0.85	99.71	<0.5	<5	<0.5	
40238120	<1	3.8	0.42	22	1.4	0.10	0.018	0.42	1.3	0.13	11.10	98.35	1.1	5	0.8	
40238121	<1	22.0	2.28	114	2.0	0.01	0.006	0.07	0.6	0.01	2.87	100.35	<0.5	5	<0.5	
40238122	<1	23.9	2.53	142	0.7	0.01	<0.005	<0.05	0.7	0.01	1.68	101.93	<0.5	6	<0.5	
40238123	<1	17.3	1.56	88	5.5	0.33	0.006	0.11	2.0	0.08	1.89	99.95	0.7	6	<0.5	
40238124	<1	15.6	1.44	84	19.0	0.68	<0.005	0.45	3.2	0.15	1.64	99.43	1.1	23	0.6	
40238125	<1	12.3	1.20	70	31.3	0.99	0.007	0.69	5.0	0.21	1.29	99.92	1.9	46	1.1	
40238126	<1	11.5	1.26	63	44.9	0.52	<0.005	0.62	3.7	0.17	0.96	98.36	1.7	38	0.6	
40238127	<1	14.9	1.32	88	10.8	0.43	<0.005	0.31	1.9	0.08	0.64	98.33	0.7	16	<0.5	

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

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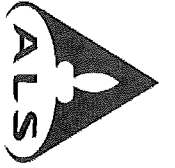
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40237890		56	73	<10	<1	88	<2	37	65	<0.001	<0.0005	<0.001
40237891		42	118	10	<1	223	<2	18	79	0.002	0.0026	0.004
40237892		43	114	20	<1	239	<2	16	80	0.002	0.0018	0.003
40237893		50	111	10	<1	318	<2	16	83	0.002	0.0054	0.009
40237894		53	182	20	2	379	6	16	106	0.003	0.0074	0.019
40237894 CRD		52	170	20	3	362	<2	16	102	0.003	0.0075	0.020
40237895		55	198	20	1	390	<2	18	99	0.003	0.0049	0.012
40237896		61	141	10	<1	444	<2	15	91	0.002	0.0041	0.008
40237897		63	176	10	<1	463	<2	17	104	0.003	0.0045	0.012
40237898		62	135	10	<1	469	<2	17	111	0.003	0.0053	0.009
40237899		58	136	20	<1	430	<2	19	105	0.003	0.0058	0.012
40238100		146	573	<10	2	1830	59	10	204	0.013	0.0062	0.004
40238101		58	126	10	<1	423	<2	19	93	0.002	0.0045	0.009
40238102		60	132	10	<1	439	<2	19	89	0.002	0.0039	0.008
40238103		57	144	10	<1	367	<2	19	94	0.003	0.0069	0.013
40238104		47	129	10	<1	224	<2	18	86	0.002	0.0061	0.012
40238105		65	144	10	<1	481	<2	17	97	0.002	0.0063	0.016
40238106		59	114	10	<1	450	<2	15	82	0.002	0.0052	0.010
40238107		56	132	10	<1	382	<2	17	88	0.003	0.0057	0.011
40238108		61	119	10	<1	478	<2	17	86	0.003	0.0072	0.018
40238109		60	119	30	<1	448	<2	15	82	0.003	0.0066	0.013
40238110		46	56	<10	<1	49	<2	25	59	<0.001	<0.0005	<0.001
40238111		60	117	30	<1	467	<2	14	82	0.003	0.0067	0.014
40238112		60	125	20	<1	458	<2	16	84	0.003	0.0070	0.013
40238113		60	132	10	<1	451	2	17	85	0.003	0.0064	0.016
40238114		57	134	10	<1	410	3	18	84	0.003	0.0067	0.015
40238114 CRD		59	139	10	<1	416	<2	18	88	0.003	0.0073	0.017
40238115		53	201	10	<1	347	<2	19	89	0.004	0.0095	0.023
40238116		54	173	10	<1	309	<2	20	96	0.004	0.0112	0.030
40238117		63	155	10	<1	451	2	19	90	0.002	0.0064	0.014
40238118		67	108	10	<1	518	<2	19	92	0.002	0.0046	0.010
40238119		63	127	10	<1	444	4	21	89	0.003	0.0069	0.016
40238120		136	547	<10	2	1765	62	9	188	0.018	0.0071	0.004
40238121		50	175	30	<1	247	<2	20	102	0.006	0.0156	0.027
40238122		55	186	10	<1	261	<2	24	105	0.004	0.0099	0.024
40238123		108	1725	10	<1	1170	5	20	107	0.026	0.0588	0.240
40238124		150	3240	10	2	1875	15	19	106	0.053	0.0729	0.432
40238125		224	4620	<10	4	2910	17	14	107	0.069	0.1185	0.658
40238126		125	4730	10	1	2350	6	13	89	0.084	0.1310	0.678
40238127		105	1950	10	1	1055	8	17	94	0.025	0.0381	0.166

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



ALS Minerals

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To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4

Project: EB80000942

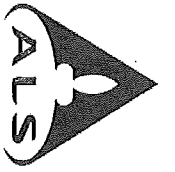
CERTIFICATE OF ANALYSIS TB13228476

Page: 6 - A
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 20-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40238128		3.96	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40238129		2.37			48.6	16.70	12.70	9.32	2.61	6.28	0.65	0.03	1.86	0.16	0.21	0.04
40238130		0.57			48.0	17.30	12.80	7.16	2.28	6.68	1.36	0.03	1.38	0.14	0.16	0.04
40238131		2.89			51.5	14.95	9.41	10.90	2.17	8.55	0.18	0.03	0.51	0.16	0.03	0.03
40238132		3.74			66.9	15.30	6.48	0.78	2.15	2.57	3.20	0.03	0.73	0.04	0.11	0.02
					61.2	17.35	8.00	0.83	1.50	2.95	3.28	0.03	0.78	0.03	0.11	0.01

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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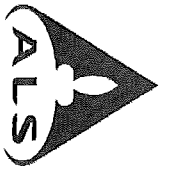
CERTIFICATE OF ANALYSIS TB13228476

Page: 6 - B
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 20-JAN-2014
 Account: KAV

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40238128		0.02	0.02	0.24	196.5	35.6	210	1.32	5.44	2.82	1.67	20.8	5.27	3.6	1.03	15.9
40238129		0.03	0.01	0.68	267	32.0	230	2.60	3.80	2.28	1.26	19.9	4.27	3.0	0.80	14.6
40238130		0.01	0.08	0.14	113.0	10.0	260	0.18	1.53	0.97	0.62	15.8	1.44	1.0	0.32	4.8
40238131		0.06	0.02	0.04	564	51.9	220	2.58	4.05	2.35	1.11	19.2	4.43	4.1	0.78	24.6
40238132		0.06	0.04	0.26	548	61.1	200	4.70	4.60	2.48	1.31	23.6	4.89	4.3	0.85	29.3

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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Page: 6 - C
 Total # Pages: 6 (A - E)
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 Finalized Date: 20-JAN-2014
 Account: KAV

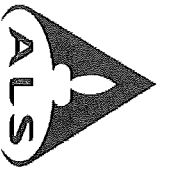
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40238128		0.36	11.3	19.9	4.49	19.3	5.11	1	294	0.6	0.82	1.69	<0.5	0.39	0.38	218
40238129		0.31	8.5	17.1	3.96	54.5	4.20	1	330	0.4	0.62	2.13	<0.5	0.31	0.97	171
40238130		0.10	1.7	5.8	1.25	4.1	1.54	<1	287	<0.1	0.26	0.63	<0.5	0.14	0.11	195
40238131		0.33	10.2	26.0	6.28	127.5	5.01	1	187.0	0.6	0.67	7.39	0.9	0.32	4.06	132
40238132		0.37	11.2	29.3	7.58	141.5	6.19	2	105.0	0.7	0.71	8.58	1.0	0.39	5.14	169

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

***** See Appendix Page for comments regarding this certificate *****



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Page: 6 - D
 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 20-JAN-2014
 Account: KAV

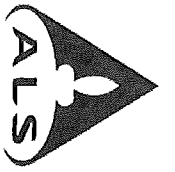
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40238128		<1	26.2	2.66	139	1.6	0.18	<0.005	0.06	1.1	0.02	1.25	98.43	<0.5	6	<0.5
40238129		<1	19.9	1.92	110	10.5	0.13	0.006	0.37	1.2	0.04	2.25	99.61	<0.5	16	<0.5
40238130		<1	8.0	0.76	33	<0.1	0.01	<0.005	<0.05	0.4	0.01	1.23	99.66	<0.5	<5	<0.5
40238131		1	20.4	2.16	152	11.1	0.05	0.008	0.51	0.7	0.02	3.62	101.99	<0.5	13	<0.5
40238132		1	23.2	2.48	146	13.8	0.12	0.005	0.28	1.1	0.03	4.56	100.69	<0.5	19	<0.5

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237855-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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 VANCOUVER BC V6C 1S4

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 Total # Pages: 6 (A - E)
 Plus Appendix Pages
 Finalized Date: 20-JAN-2014
 Account: KAV

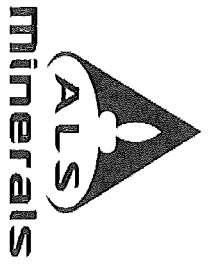
Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm
40238128	60	861	20	<1	406	6	26	115	0.014	0.0195	0.083
40238129	74	829	30	1	414	5	20	116	0.009	0.0160	0.045
40238130	49	76	<10	<1	103	<2	32	56	0.001	0.0007	0.001
40238131	17	51	40	2	73	9	17	118	0.001	0.0012	0.002
40238132	21	67	60	3	91	14	22	168	0.001	0.0015	0.002

Comments: **Corrected Copy for PGM-MS24 on Samples 40237795-40237805 & 40237895-40237865 and ME-4ACD81 on 40237795-40237805.**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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VANCOUVER BC V6C 1S4

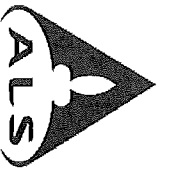
Finalized Date: 20-JAN-2014
Account: KAV

Project: EB80000942

CERTIFICATE OF ANALYSIS TB13228476

CERTIFICATE COMMENTS

Method	
BAG-04	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
CRU-31	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
CRU-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
LOG-21d	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
LOG-22	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
LOG-23	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
PUL-32	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
PUL-32d	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
SPL-21	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
SPL-21d	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
WEI-21	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
C-IR07	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-4ACD81	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS42	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS81	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
OA-GRA05	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
PGM-MS24	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
S-IR08	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
TOT-ICP06	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.



ALS Minerals

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
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Page: 1
 Finalized Date: 10-JAN-2014
 This copy reported on
 23-JAN-2014
 Account: KAV

CERTIFICATE TB13228474

Project: EB80000940
 P.O. No.: 3101202290
 This report is for 186 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-DEC-2013.
 The following have access to data associated with this certificate:
 SUE DRIEBERG DAN FOLEY JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: **RIO TINTO EXPLORATION CANADA INC.**
ATTN: JENNY GOLDNER
224 NORTH 2200 WEST
SALT LAKE CITY UT 84116
USA

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split - Dup 85% < 75um
CRU-32d	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% < 2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

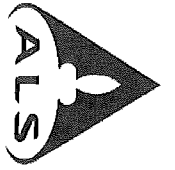
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****
 Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Minerals

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 Account: KAV

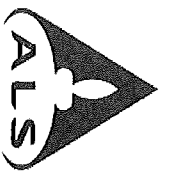
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units	CRU-QC		PUL-QC		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06	
		Recvd Wt. kg	Pass2mm %	Pass75um %	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	Na2O %	MgO %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SiO %							
40237500	WEI-21	0.49	86.8	88.3	50.7	15.90	7.36	11.75	1.84	8.68	0.24	0.03	0.52	0.12	0.05	0.03							
40237501	0.96	1.96	43.9	19.15	43.9	19.15	8.99	10.15	1.67	10.10	0.71	0.04	0.77	0.11	0.08	0.04							
40237502	2.94	1.96	43.6	17.95	43.6	17.95	10.10	9.27	1.63	12.00	0.46	0.04	0.73	0.12	0.08	0.03							
40237503	1.91	1.96	43.6	17.85	43.6	17.85	9.89	9.49	1.58	12.00	0.56	0.04	0.74	0.12	0.08	0.04							
40237504	1.96	1.96	44.7	18.45	44.7	18.45	10.20	9.75	1.76	12.40	0.38	0.04	0.78	0.12	0.09	0.03							
40237505	1.98	2.16	44.5	19.00	44.5	19.00	9.43	10.05	1.73	11.50	0.39	0.04	0.73	0.11	0.08	0.03							
40237506	2.13	2.13	45.1	19.85	45.1	19.85	9.04	10.60	1.89	10.50	0.41	0.03	0.74	0.11	0.09	0.03							
40237507	2.02	2.02	44.2	20.3	44.2	20.3	9.19	10.25	1.78	10.80	0.59	0.04	0.72	0.11	0.08	0.04							
40237508	2.66	2.66	41.1	17.50	41.1	17.50	8.76	10.30	1.64	10.20	0.69	0.03	0.68	0.10	0.08	0.04							
40237509	0.16	0.16	41.1	17.95	41.1	17.95	8.74	11.30	1.13	11.20	0.41	0.03	0.62	0.11	0.07	0.02							
40237510	1.37	1.37	36.2	3.14	36.2	3.14	13.60	2.04	0.24	32.3	0.11	0.57	0.26	0.16	0.03	<0.01							
40237511	1.58	1.58	41.2	17.60	41.2	17.60	8.71	10.25	1.01	12.10	0.52	0.02	0.50	0.10	0.06	0.03							
40237512	1.97	1.97	41.4	17.50	41.4	17.50	9.42	8.85	1.23	11.75	0.82	0.03	0.65	0.11	0.07	0.04							
40237513	2.25	2.25	41.9	17.50	41.9	17.50	9.57	9.38	1.19	12.70	0.43	0.03	0.58	0.12	0.06	0.03							
40237514	2.19	2.19	41.8	16.05	41.8	16.05	10.55	8.61	1.19	15.00	0.32	0.03	0.58	0.13	0.06	0.03							
40237515	2.17	2.17	42.0	15.65	42.0	15.65	10.90	8.09	1.35	15.60	0.33	0.03	0.59	0.13	0.07	0.03							
40237516	2.03	2.03	40.8	15.70	40.8	15.70	11.00	8.22	1.40	16.10	0.22	0.03	0.58	0.13	0.07	0.02							
40237517	2.37	2.37	42.2	14.70	42.2	14.70	11.70	7.54	1.09	16.80	0.28	0.03	0.61	0.14	0.07	0.02							
40237518	0.95	0.95	41.8	15.45	41.8	15.45	11.15	7.97	1.37	17.20	0.29	0.03	0.64	0.14	0.07	0.03							
40237519 CRD	<0.02	<0.02	41.7	15.40	41.7	15.40	11.10	7.94	1.39	15.75	0.32	0.03	0.62	0.13	0.08	0.03							
40237520	0.99	0.99	41.9	15.50	41.9	15.50	11.05	8.10	1.42	15.80	0.32	0.03	0.61	0.13	0.07	0.03							
40237521	2.30	2.30	42.2	15.55	42.2	15.55	11.10	8.08	1.46	15.70	0.37	0.03	0.70	0.13	0.08	0.03							
40237522	1.87	1.87	41.4	15.10	41.4	15.10	11.55	7.75	1.10	16.10	0.37	0.03	0.77	0.14	0.08	0.03							
40237523	1.92	1.92	42.2	17.10	42.2	17.10	9.40	10.15	1.22	12.05	0.57	0.03	0.73	0.11	0.08	0.03							
40237524	1.82	1.82	42.5	18.35	42.5	18.35	8.83	9.49	1.40	10.45	0.96	0.03	0.77	0.11	0.08	0.05							
40237525	2.12	2.12	42.4	17.65	42.4	17.65	9.15	10.35	1.13	10.85	1.08	0.03	0.77	0.11	0.08	0.05							
40237526	1.93	1.93	41.4	16.65	41.4	16.65	9.60	10.10	0.92	10.10	0.91	0.04	0.75	0.12	0.09	0.04							
40237527	2.41	2.41	42.4	15.75	42.4	15.75	11.35	8.60	1.46	14.25	0.51	0.05	0.80	0.14	0.10	0.03							
40237528	2.10	2.10	45.9	17.50	45.9	17.50	10.55	9.86	1.88	12.00	0.39	0.06	0.95	0.13	0.11	0.03							
40237529	2.29	2.29	42.6	14.00	42.6	14.00	12.60	7.73	1.48	16.75	0.29	0.11	0.85	0.15	0.10	0.02							
40237530	0.48	0.48	52.4	16.35	52.4	16.35	7.38	12.35	1.98	8.83	0.27	0.03	0.82	0.12	0.10	0.02							
40237531	2.86	2.86	43.2	18.55	43.2	18.55	11.25	9.52	1.87	10.45	0.47	0.03	0.77	0.13	0.10	0.03							
40237532	0.28	0.28	44.9	12.15	44.9	12.15	18.35	10.10	2.63	5.78	0.34	0.01	3.88	0.24	0.04	0.04							
40237533	2.31	2.31	43.3	15.20	43.3	15.20	12.35	8.42	1.63	14.50	0.33	0.07	0.99	0.15	0.11	0.03							
40237534	2.14	2.14	42.2	12.05	42.2	12.05	13.90	6.93	1.37	19.30	0.26	0.07	0.89	0.16	0.10	0.02							
40237535	1.92	1.92	41.9	11.10	41.9	11.10	14.15	6.46	1.27	20.8	0.22	0.06	0.82	0.17	0.10	0.02							
40237536	1.90	1.90	41.7	11.90	41.7	11.90	13.75	6.78	1.33	19.40	0.24	0.08	0.86	0.16	0.10	0.02							
40237537	1.84	1.84	45.9	18.45	45.9	18.45	10.35	10.25	1.97	10.80	0.32	0.41	1.09	0.13	0.12	0.03							
40237538	1.86	1.86	43.8	20.5	43.8	20.5	9.35	10.70	1.83	9.31	0.34	0.41	0.87	0.12	0.09	0.04							

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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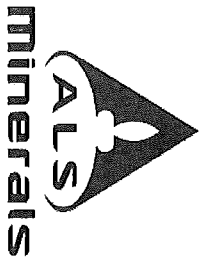
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40237500	0.01	0.16	0.10	0.03	120.5	12.0	240	0.09	1.56	1.04	0.58	14.4	1.62	1.0	0.32	6.0
40237501	0.02	0.07	0.04	0.04	214	15.0	300	2.83	2.23	1.17	0.88	15.7	2.29	1.6	0.42	6.8
40237502	0.02	0.03	0.03	0.03	157.0	15.2	280	3.25	2.09	1.26	0.83	15.1	2.25	1.5	0.42	6.8
40237503	0.02	0.03	0.04	0.04	158.0	15.6	310	2.85	2.11	1.24	0.87	14.6	2.43	1.6	0.46	7.1
40237504	0.01	0.02	0.04	0.04	98.4	15.7	280	2.05	2.16	1.28	0.88	15.3	2.33	2.3	0.45	7.2
40237505	0.01	0.02	0.03	0.03	105.0	14.7	300	2.21	2.09	1.24	0.93	15.5	2.28	1.5	0.44	6.7
40237506	0.01	0.02	0.04	0.04	111.0	14.8	270	1.85	2.28	1.31	0.75	16.7	2.35	1.4	0.44	6.7
40237507	0.01	0.02	0.04	0.04	128.0	13.6	250	2.54	1.89	1.15	0.85	16.1	2.21	1.4	0.35	6.5
40237508	0.02	0.03	0.04	0.04	165.5	13.3	220	3.57	1.85	1.01	0.82	16.0	2.06	1.3	0.40	6.0
40237509	0.01	0.08	0.04	0.04	95.7	12.4	190	2.03	1.89	0.91	0.86	14.3	1.77	1.3	0.38	5.4
40237510	0.08	0.22	0.40	0.40	71.1	5.9	4140	0.24	0.68	0.55	0.19	4.9	0.58	0.5	0.12	2.8
40237511	0.01	0.08	0.04	0.04	90.5	11.7	160	2.39	1.42	0.73	0.67	13.6	1.72	1.3	0.26	5.2
40237512	0.02	0.07	0.05	0.05	155.5	12.8	210	3.39	1.84	0.99	0.68	15.0	2.20	1.3	0.38	5.8
40237513	0.01	0.06	0.05	0.05	90.3	11.4	210	2.85	1.49	0.74	0.61	13.7	1.40	1.0	0.29	4.9
40237514	0.01	0.06	0.04	0.04	74.7	12.3	210	3.97	1.44	0.86	0.57	13.4	1.69	1.1	0.34	5.1
40237515	0.01	0.03	0.03	0.03	86.6	12.1	220	4.56	1.50	0.90	0.64	12.9	1.49	0.9	0.30	5.4
40237516	0.01	0.03	0.02	0.02	74.3	12.0	210	3.01	1.76	0.91	0.63	12.6	1.55	1.3	0.31	5.3
40237517	0.01	0.06	0.03	0.03	73.6	12.6	200	3.84	1.75	1.12	0.63	12.1	1.83	1.3	0.32	6.0
40237518	0.01	0.06	0.03	0.03	90.6	13.2	210	5.35	1.91	0.98	0.64	13.2	1.83	1.5	0.44	5.8
40237519	0.01	0.03	0.03	0.03	89.5	13.2	210	4.84	1.67	1.09	0.81	14.1	2.03	1.3	0.31	5.8
40237519 CRD	0.01	0.03	0.03	0.03	88.4	12.6	200	4.81	1.83	1.03	0.67	14.1	1.78	1.4	0.35	5.9
40237520	0.01	0.02	0.03	0.03	88.4	13.0	200	4.84	1.83	0.90	0.71	13.2	1.88	1.3	0.34	5.9
40237521	0.01	0.02	0.03	0.03	91.0	13.5	200	4.33	1.78	1.20	0.81	12.8	1.83	1.5	0.38	6.2
40237522	0.01	0.07	0.03	0.03	85.4	14.6	250	4.06	1.87	1.05	0.61	12.8	1.89	1.3	0.38	6.3
40237523	0.01	0.07	0.03	0.03	106.5	14.8	220	3.15	1.88	1.11	0.79	14.6	2.20	1.4	0.44	6.7
40237524	0.02	0.05	0.03	0.03	191.0	14.3	220	3.66	2.26	1.10	0.96	15.7	2.00	1.6	0.44	6.6
40237525	0.02	0.08	0.03	0.03	198.0	14.9	210	3.76	2.23	1.07	0.81	13.9	2.24	1.6	0.45	6.5
40237526	0.02	0.08	0.03	0.03	143.5	16.1	290	2.68	2.09	1.44	1.03	14.3	2.34	1.5	0.53	7.4
40237527	0.02	0.04	0.03	0.03	139.5	16.8	390	3.72	2.46	1.27	0.79	15.7	2.77	1.8	0.49	7.8
40237528	0.01	0.03	0.04	0.04	117.0	19.0	410	2.18	2.51	1.42	0.94	16.3	2.37	1.8	0.54	8.5
40237529	0.01	0.04	0.04	0.04	104.0	17.4	830	2.88	2.29	1.41	0.90	14.5	2.82	1.8	0.44	7.6
40237530	0.01	0.15	0.08	0.08	126.0	12.7	200	0.17	1.48	0.76	0.54	15.8	1.85	0.9	0.35	6.2
40237531	0.02	0.04	0.04	0.04	160.5	20.4	5710	2.65	3.09	1.39	1.14	21.7	3.02	2.0	0.55	8.8
40237532	0.02	0.02	0.16	0.16	194.0	61.4	110	3.23	10.00	5.15	3.27	24.8	11.50	5.0	2.06	25.2
40237533	0.01	0.03	0.06	0.06	138.5	20.6	500	3.01	2.89	2.02	1.05	15.4	3.21	1.8	0.63	9.4
40237534	0.01	0.02	0.04	0.04	99.1	17.8	540	2.61	2.51	1.49	0.86	13.2	3.10	1.8	0.58	7.8
40237535	0.01	0.02	0.07	0.07	92.3	16.7	490	2.42	2.26	1.28	0.68	12.8	2.28	2.1	0.50	7.6
40237536	0.01	0.02	0.03	0.03	94.8	17.2	580	2.09	2.40	1.28	0.77	13.0	2.38	1.8	0.58	7.5
40237537	0.01	0.03	0.05	0.05	122.0	20.0	2760	2.74	2.97	1.26	1.09	17.7	2.95	2.0	0.55	9.1
40237538	0.02	0.04	0.05	0.05	132.5	17.5	2920	4.06	2.30	1.36	0.91	17.9	2.29	1.7	0.50	7.4

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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 Finalized Date: 10-JAN-2014
 Account: KAV

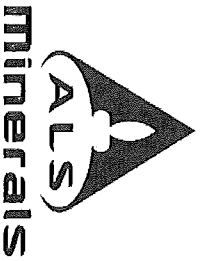
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40237500		0.12	2.4	6.1	1.49	5.2	1.48	<1	267	0.1	0.26	0.89	0.5	0.14	0.12	167
40237501		0.16	4.4	8.3	1.93	28.6	2.03	<1	407	0.2	0.32	0.61	0.5	0.18	0.18	98
40237502		0.16	4.4	8.2	1.92	17.0	1.97	<1	280	0.2	0.33	0.54	<0.5	0.17	0.13	100
40237503		0.17	4.4	8.8	2.00	22.3	2.19	<1	328	0.2	0.35	0.66	<0.5	0.18	0.14	98
40237504		0.18	4.6	9.1	2.08	13.6	2.05	1	294	0.2	0.36	0.66	<0.5	0.19	0.19	101
40237505		0.18	4.3	8.2	1.92	13.8	2.09	1	310	0.2	0.33	0.67	<0.5	0.17	0.13	97
40237506		0.20	4.1	8.1	1.74	14.0	1.92	<1	320	0.3	0.32	0.62	<0.5	0.19	0.12	92
40237507		0.12	3.8	7.2	1.73	22.6	2.10	<1	331	0.2	0.27	0.54	<0.5	0.13	0.07	89
40237508		0.13	3.5	7.5	1.61	29.0	1.84	1	318	0.2	0.27	0.52	<0.5	0.15	0.09	83
40237509		0.16	3.5	7.4	1.46	17.0	1.75	<1	217	0.2	0.28	0.50	<0.5	0.16	0.09	81
40237510		0.07	1.4	3.4	0.80	3.5	0.77	1	51.1	<0.1	0.09	0.57	<0.5	0.05	0.13	<5
40237511		0.11	2.8	7.1	1.47	19.7	1.44	<1	259	0.1	0.23	0.62	<0.5	0.12	0.10	66
40237512		0.13	3.5	7.3	1.67	35.3	1.94	<1	321	0.2	0.31	0.57	<0.5	0.14	0.15	90
40237513		0.16	3.2	6.0	1.46	17.5	1.78	<1	240	0.2	0.25	0.48	<0.5	0.09	0.10	79
40237514		0.13	2.9	6.5	1.50	12.8	1.55	<1	220	0.2	0.23	0.48	<0.5	0.10	0.07	77
40237515		0.13	3.3	6.8	1.47	13.1	1.44	<1	233	0.2	0.21	0.41	<0.5	0.11	0.06	80
40237516		0.15	3.5	7.0	1.50	7.9	1.79	<1	220	0.2	0.27	0.46	<0.5	0.10	0.10	72
40237517		0.14	3.4	7.2	1.60	11.2	1.90	<1	212	0.2	0.24	0.54	<0.5	0.14	0.11	84
40237518		0.12	3.7	7.2	1.67	10.9	2.09	<1	223	0.3	0.33	0.52	<0.5	0.13	0.14	85
40237519		0.13	3.6	7.2	1.77	12.6	1.88	<1	243	0.1	0.26	0.47	<0.5	0.12	0.10	86
40237519 CRD		0.15	3.6	7.2	1.77	12.5	1.71	<1	239	0.2	0.26	0.57	<0.5	0.13	0.07	84
40237520		0.12	3.5	7.5	1.56	12.4	1.75	<1	238	0.2	0.26	0.47	<0.5	0.13	0.09	81
40237521		0.13	3.8	7.2	1.68	14.5	1.65	<1	249	0.2	0.28	0.45	<0.5	0.13	0.15	96
40237522		0.16	3.9	8.4	1.96	15.1	2.07	<1	212	0.2	0.32	0.47	<0.5	0.14	0.11	98
40237523		0.14	3.8	7.7	1.92	24.5	1.84	<1	249	0.2	0.35	0.54	<0.5	0.18	0.10	95
40237524		0.19	4.2	7.9	1.95	41.7	1.94	<1	423	0.2	0.36	0.65	<0.5	0.16	0.15	104
40237525		0.16	4.1	8.4	1.89	39.3	1.92	<1	447	0.2	0.38	0.72	<0.5	0.19	0.11	96
40237526		0.15	4.1	9.0	2.02	32.9	2.24	1	341	0.2	0.40	0.68	<0.5	0.21	0.17	104
40237527		0.16	4.3	9.0	2.15	17.8	2.34	<1	287	0.3	0.39	0.69	<0.5	0.20	0.12	104
40237528		0.23	5.2	10.7	2.52	12.2	2.46	1	271	0.3	0.41	0.79	<0.5	0.14	0.17	117
40237529		0.14	4.6	9.4	2.32	9.1	2.81	<1	213	0.4	0.34	0.82	<0.5	0.22	0.17	115
40237530		0.13	2.4	7.1	1.52	5.6	1.65	<1	263	0.1	0.21	0.87	<0.5	0.13	0.24	173
40237531		0.21	6.6	11.3	2.58	15.7	2.88	1	309	0.4	0.48	0.76	<0.5	0.21	0.25	73
40237532		0.67	19.9	40.1	8.71	9.4	8.76	2	265	1.3	1.55	1.83	<0.5	0.76	0.44	394
40237533		0.26	6.3	11.7	2.69	10.7	2.49	1	253	0.3	0.52	0.88	<0.5	0.27	0.21	122
40237534		0.18	5.5	10.5	2.30	8.3	2.07	1	186.5	0.4	0.46	0.71	<0.5	0.21	0.18	113
40237535		0.18	5.1	9.7	2.11	7.5	2.58	1	168.0	0.2	0.41	0.77	<0.5	0.20	0.12	111
40237536		0.17	5.1	9.9	2.22	7.6	2.46	1	181.5	0.3	0.36	0.74	<0.5	0.21	0.17	110
40237537		0.21	5.7	11.7	2.52	8.5	2.64	1	274	0.3	0.43	0.74	<0.5	0.19	0.21	124
40237538		0.18	4.9	9.3	2.22	10.5	2.66	1	300	0.3	0.38	0.62	<0.5	0.21	0.18	100

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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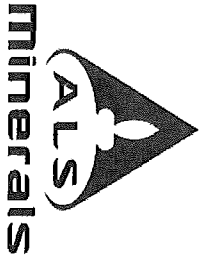
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 Finalized Date: 10-JAN-2014
 Account: KAV

Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 AS ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	OA-GRAD5 LOI % 0.01	TOT-ICP06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5
40237500	<1	8.3	0.88	1.17	29	<0.1	0.05	<0.005	<0.05	0.4	0.01	0.88	98.11	<0.5	<5	<0.5
40237501	<1	11.3	1.07	1.04	51	<0.1	0.02	0.018	0.05	0.4	0.01	2.51	98.24	<0.5	<5	<0.5
40237502	<1	11.0	1.04	1.09	51	<0.1	0.01	0.013	<0.05	0.5	0.01	2.92	98.95	<0.5	<5	<0.5
40237503	<1	11.4	1.09	1.17	53	<0.1	0.01	0.011	<0.05	0.4	0.01	2.39	98.40	<0.5	5	<0.5
40237504	<1	11.7	1.17	1.17	81	<0.1	0.01	0.008	<0.05	0.4	0.01	1.27	99.98	<0.5	<5	<0.5
40237505	<1	10.9	1.17	1.06	48	<0.1	0.01	0.014	<0.05	0.4	0.01	1.59	99.19	<0.5	<5	<0.5
40237506	<1	11.0	1.06	0.94	53	<0.1	0.01	0.007	<0.05	0.4	0.01	1.12	100.83	<0.5	<5	<0.5
40237507	<1	10.0	0.94	0.87	49	<0.1	0.01	0.012	<0.05	0.4	0.01	2.16	101.17	<0.5	<5	<0.5
40237508	<1	9.7	0.87	0.91	48	<0.1	0.01	0.014	0.06	0.3	0.01	3.28	100.12	<0.5	<5	<0.5
40237509	<1	9.1	0.91	0.82	47	<0.1	0.01	0.020	0.09	0.4	0.01	7.68	100.37	<0.5	<5	<0.5
40237510	<1	4.3	0.32	0.81	18	1.2	0.12	0.031	0.45	1.3	0.13	10.60	99.33	<0.5	<5	0.9
40237511	<1	8.9	0.81	0.91	40	<0.1	<0.01	0.021	<0.05	0.3	0.01	8.99	101.10	<0.5	<5	<0.5
40237512	<1	9.9	0.91	0.82	48	<0.1	0.01	0.023	<0.05	0.4	0.02	7.46	99.55	<0.5	<5	<0.5
40237513	<1	8.6	0.82	0.62	39	<0.1	<0.01	0.021	<0.05	0.3	0.01	6.85	99.85	<0.5	<5	<0.5
40237514	<1	8.9	0.82	0.62	41	<0.1	<0.01	0.012	<0.05	0.4	0.01	5.67	100.13	<0.5	<5	<0.5
40237515	<1	8.4	0.77	0.94	41	<0.1	0.01	0.013	<0.05	0.4	0.01	5.00	99.78	<0.5	<5	<0.5
40237516	<1	9.1	0.94	0.96	45	<0.1	<0.01	0.007	<0.05	0.4	0.01	3.39	99.07	<0.5	<5	<0.5
40237517	<1	9.8	0.96	1.08	46	<0.1	0.01	0.012	<0.05	0.4	0.02	5.75	98.89	<0.5	<5	<0.5
40237518	<1	9.7	0.83	1.04	48	<0.1	0.01	0.005	<0.05	0.4	0.02	3.80	99.88	<0.5	10	<0.5
40237519	<1	9.9	1.04	0.83	48	<0.1	0.01	0.010	<0.05	0.4	0.02	3.60	98.36	<0.5	<5	<0.5
40237519 CRD	<1	10.1	0.83	0.91	46	<0.1	0.01	0.010	<0.05	0.4	0.02	3.57	98.06	<0.5	5	<0.5
40237520	<1	9.7	0.91	1.16	45	<0.1	0.01	0.014	<0.05	0.4	0.02	3.52	98.49	<0.5	<5	0.5
40237521	<1	10.0	1.08	1.06	50	<0.1	0.01	0.010	<0.05	0.4	0.02	3.44	98.88	<0.5	<5	<0.5
40237522	<1	10.7	1.08	1.11	51	<0.1	0.01	0.014	<0.05	0.4	0.02	6.79	101.22	<0.5	<5	0.7
40237523	<1	10.9	1.11	1.20	50	<0.1	<0.01	0.024	0.08	0.4	0.02	6.44	100.12	<0.5	<5	<0.5
40237524	<1	11.0	1.20	1.19	61	<0.1	0.01	0.010	<0.05	0.4	0.01	5.25	98.29	<0.5	<5	<0.5
40237525	<1	11.6	1.19	0.95	52	<0.1	0.01	0.028	<0.05	0.4	0.01	6.92	100.59	<0.5	<5	<0.5
40237526	<1	12.5	0.95	1.17	63	<0.1	0.01	0.028	<0.05	0.4	0.02	7.77	100.11	<0.5	<5	<0.5
40237527	<1	12.7	1.17	1.17	64	<0.1	0.01	0.013	<0.05	0.5	0.02	3.12	98.58	<0.5	<5	<0.5
40237528	<1	13.9	1.17	1.34	74	<0.1	0.01	0.008	<0.05	0.5	0.02	1.42	100.79	<0.5	<5	<0.5
40237529	<1	13.8	1.34	1.29	66	<0.1	0.01	0.005	<0.05	0.5	0.02	2.31	99.00	<0.5	<5	0.5
40237530	<1	8.5	0.87	1.29	34	<0.1	0.01	<0.005	<0.05	0.3	0.01	0.88	101.27	<0.5	<5	<0.5
40237531	<1	15.9	1.29	1.53	77	<0.1	0.01	0.008	<0.05	0.5	0.01	1.61	99.10	<0.5	<5	<0.5
40237532	<1	53.7	4.70	1.53	196	<0.1	0.02	<0.005	<0.05	1.3	0.01	0.39	99.28	<0.5	<5	0.5
40237533	<1	16.2	1.53	1.35	79	<0.1	0.01	0.009	<0.05	0.5	0.02	1.55	98.64	<0.5	8	<0.5
40237534	<1	14.3	1.35	1.33	75	<0.1	0.01	0.008	<0.05	0.5	0.02	1.72	98.98	<0.5	<5	<0.5
40237535	<1	12.9	1.33	1.14	73	<0.1	0.01	0.006	<0.05	0.5	0.03	2.40	99.48	<0.5	<5	<0.5
40237536	<1	13.1	1.14	1.40	69	<0.1	0.01	0.010	<0.05	0.5	0.02	2.30	98.63	<0.5	<5	<0.5
40237537	<1	14.7	1.40	1.03	78	<0.1	0.01	0.010	<0.05	0.5	0.02	1.98	101.81	<0.5	<5	<0.5
40237538	<1	12.4	1.03	1.35	62	<0.1	0.02	0.007	0.06	0.5	0.01	3.51	100.89	<0.5	<5	<0.5

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**



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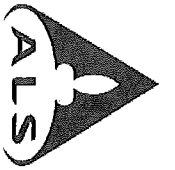
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	AU-AA26 Au ppm	PGM-ICP27 Au ppm
40237500		39	81	10	<1	116	4	26	49	0.001	<0.0005	<0.001				
40237501		59	84	50	<1	435	3	10	72	0.002	0.0037	0.006				
40237502		67	89	50	<1	524	3	9	76	0.002	0.0038	0.006				
40237503		66	83	40	<1	533	5	10	75	0.001	0.0035	0.005				
40237504		68	82	30	<1	547	<2	9	76	0.001	0.0033	0.005				
40237505		61	79	30	<1	482	<2	10	70	0.002	0.0033	0.005				
40237506		58	83	30	<1	447	5	10	68	0.002	0.0033	0.005				
40237507		59	80	30	<1	455	3	9	66	0.002	0.0033	0.005				
40237508		58	70	60	<1	466	<2	10	68	0.001	0.0029	0.005				
40237509		62	70	120	1	499	<2	10	69	0.001	0.0032	0.006				
40237510		145	575	10	2	1860	61	10	212	0.018	0.0045	0.003				
40237511		67	82	150	<1	563	4	7	67	0.001	0.0026	0.006				
40237512		73	84	110	<1	612	<2	8	74	0.002	0.0032	0.007				
40237513		82	77	120	<1	606	2	8	68	0.001	0.0031	0.007				
40237514		82	77	70	<1	767	<2	8	78	0.002	0.0034	0.008				
40237515		81	74	50	<1	784	3	8	76	0.002	0.0032	0.009				
40237516		87	77	30	<1	813	<2	7	83	0.002	0.0031	0.010				
40237517		90	78	100	<1	866	2	9	88	0.002	0.0033	0.009				
40237518		87	78	40	<1	843	<2	9	82	0.003	0.0033	0.008				
40237519		84	75	50	<1	801	4	9	81	0.002	0.0035	0.008				
40237519 CRD		83	84	50	<1	810	3	9	83	0.002	0.0038	0.008				
40237520		85	80	50	<1	820	2	10	83	0.002	0.0032	0.008				
40237521		78	80	50	<1	767	2	8	78	0.002	0.0038	0.008				
40237522		84	92	120	<1	802	<2	11	88	0.002	0.0031	0.007				
40237523		66	84	110	<1	583	<2	12	66	0.002	0.0033	0.009				
40237524		58	80	100	<1	506	<2	13	59	0.002	0.0033	0.009				
40237525		59	79	120	<1	512	<2	12	61	0.002	0.0032	0.007				
40237526		63	87	150	<1	545	<2	13	70	0.002	0.0041	0.009				
40237527		77	94	60	<1	712	<2	13	84	0.002	0.0054	0.011				
40237528		67	109	20	<1	561	<2	14	76	0.002	0.0050	0.011				
40237529		88	97	30	<1	831	<2	13	91	0.002	0.0047	0.009				
40237530		39	78	10	<1	107	<2	27	48	<0.001	<0.0005	<0.001				
40237531		68	115	30	<1	106	<2	17	106	0.002	0.0061	0.012				
40237532		50	181	10	<1	70	2	42	166	0.001	0.0014	0.001				
40237533		79	110	30	<1	708	<2	14	91	0.002	0.0068	0.012				
40237534		104	104	20	<1	1010	<2	14	100	0.002	0.0053	0.009				
40237535		114	113	20	<1	1140	<2	14	108	0.003	0.0100	0.028				
40237536		105	108	20	<1	1035	2	16	106	0.002	0.0079	0.024				
40237537		63	125	20	<1	499	<2	14	85	0.002	0.0065	0.021				
40237538		58	110	40	<1	364	8	12	98	0.002	0.0050	0.005				

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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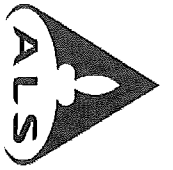
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	Pt ppm 0.03	Pd ppm 0.03
40237500			
40237501			
40237502			
40237503			
40237504			
40237505			
40237506			
40237507			
40237508			
40237509			
40237510			
40237511			
40237512			
40237513			
40237514			
40237515			
40237516			
40237517			
40237518			
40237519			
40237519 CRD			
40237520			
40237521			
40237522			
40237523			
40237524			
40237525			
40237526			
40237527			
40237528			
40237529			
40237530			
40237531			
40237532			
40237533			
40237534			
40237535			
40237536			
40237537			
40237538			

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

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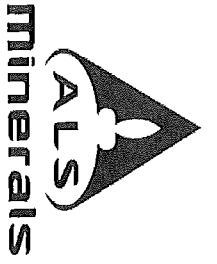
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. Kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40237539		2.09			44.5	16.90	11.60	8.93	1.88	12.85	0.32	0.21	0.88	0.13	0.10	0.03
40237539 CRD		<0.02			44.0	16.65	11.50	8.75	1.86	12.70	0.33	0.20	0.88	0.13	0.09	0.03
40237540		0.17			37.0	3.20	14.20	2.11	0.24	32.8	0.12	0.60	0.27	0.16	0.03	0.01
40237541		1.94			44.3	19.70	10.45	10.60	1.94	9.43	0.38	0.30	0.95	0.12	0.09	0.04
40237542		1.86			45.3	20.1	9.50	10.60	1.95	9.37	0.44	0.05	0.94	0.11	0.11	0.04
40237543		1.99			45.3	17.80	11.35	9.97	2.01	10.80	0.31	0.19	1.13	0.13	0.12	0.03
40237544		1.83			44.7	16.00	12.20	8.79	1.90	11.45	0.36	0.26	1.14	0.16	0.13	0.03
40237545		1.68			43.7	15.55	11.80	8.96	1.86	10.60	0.66	0.06	1.30	0.15	0.13	0.03
40237546		1.70			44.7	16.15	12.50	9.21	1.97	11.60	0.50	0.18	1.26	0.15	0.14	0.03
40237547		2.22	83.0	86.4	42.2	17.65	13.10	9.34	1.84	9.84	0.41	0.13	0.83	0.13	0.10	0.03
40237548		2.05			42.1	19.35	13.30	9.97	2.04	7.27	0.42	0.09	0.91	0.11	0.10	0.04
40237549		1.05			47.5	17.20	10.55	9.36	3.47	5.38	0.57	0.24	1.71	0.13	0.10	0.03
40237550		1.09			45.1	18.20	11.85	9.17	3.04	6.32	0.58	0.23	1.28	0.12	0.13	0.03
40237551		2.18			44.2	16.15	13.35	9.69	2.29	8.84	0.39	0.67	1.70	0.16	0.13	0.03
40237552		1.88			42.9	17.70	12.40	9.70	1.85	8.87	0.34	0.67	1.07	0.14	0.11	0.03
40237553		2.47			44.2	18.30	11.70	9.88	2.07	8.25	0.38	0.08	1.07	0.13	0.12	0.03
40237554		2.14			43.8	17.90	12.45	10.20	2.11	8.41	0.34	0.05	1.13	0.13	0.11	0.03
40237555		2.34			42.7	17.20	14.75	9.65	2.05	8.38	0.32	0.05	1.35	0.14	0.14	0.03
40237556		2.05			44.2	19.50	10.90	10.75	2.27	7.08	0.45	0.16	1.21	0.12	0.14	0.04
40237557		2.36			45.2	19.60	10.90	10.45	2.11	7.76	0.42	0.10	1.10	0.12	0.13	0.04
40237558		2.06			44.9	20.4	9.65	11.00	2.26	6.88	0.53	0.12	1.18	0.12	0.13	0.04
40237559		2.24			42.8	18.50	14.65	9.86	2.20	6.83	0.59	0.18	1.36	0.13	0.13	0.03
40237559 CRD		<0.02			42.8	18.45	14.75	9.91	2.19	6.84	0.59	0.18	1.38	0.13	0.13	0.04
40237560		0.60			45.4	15.80	8.33	51.4	2.07	9.08	0.29	0.03	0.58	0.14	0.05	0.03
40237561		2.17			44.5	18.70	11.60	10.15	2.18	8.48	0.42	0.07	1.15	0.13	0.13	0.03
40237562		2.31			44.4	20.2	12.15	10.25	2.18	7.46	0.65	0.05	1.02	0.12	0.12	0.04
40237563		2.21			41.3	16.70	16.30	9.21	2.09	7.19	0.50	0.03	1.46	0.13	0.13	0.03
40237564		2.97			42.1	19.15	14.45	9.28	2.19	6.38	0.61	0.03	1.24	0.13	0.03	0.03
40237565		0.14			3.74	0.98	56.3	0.23	0.10	0.36	0.03	0.01	0.18	0.04	0.01	<0.01
40237566		1.31			40.2	16.95	19.05	8.90	2.22	5.47	0.37	0.03	1.19	0.11	0.12	0.03
40237567		2.14			42.3	18.50	16.85	8.60	2.24	6.14	0.83	0.03	1.20	0.12	0.15	0.03
40237568		2.26			44.0	16.70	16.00	9.25	2.46	5.64	0.63	0.04	1.66	0.14	0.21	0.03
40237569		2.20			44.7	18.90	15.65	9.57	2.35	6.63	0.63	0.03	1.24	0.13	0.15	0.04
40237570		0.11			38.1	5.76	16.30	3.91	0.69	23.9	0.27	0.03	0.45	0.15	0.04	0.01
40237571		2.18			45.9	19.60	12.45	9.87	2.51	6.73	0.82	0.03	1.40	0.13	0.15	0.04
40237572		2.17			44.4	18.50	12.25	8.63	2.36	6.82	0.73	0.03	1.26	0.14	0.14	0.04
40237573		2.21			43.1	17.40	16.20	8.80	2.28	6.28	0.86	0.03	1.28	0.13	0.15	0.04
40237574		1.34			46.0	17.60	13.90	9.43	2.56	6.37	0.78	0.03	1.60	0.15	0.19	0.04
40237575		0.15			10.70	3.92	66.2	1.68	0.51	1.06	0.10	0.03	1.19	0.13	0.04	0.01
40237576		0.11			38.4	5.77	16.25	3.94	0.68	23.1	0.23	0.27	0.43	0.15	0.05	0.01

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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TO: RIO TINTO EXPLORATION CANADA INC.
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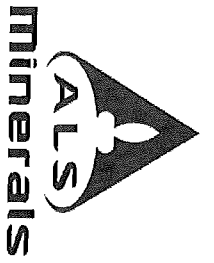
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40237539	0.01	0.04	0.05	0.05	107.0	19.6	145.0	2.82	2.48	1.48	0.94	15.6	2.63	1.9	0.54	8.9
40237539 CRD	0.01	0.03	0.05	0.05	106.0	19.8	143.0	2.78	2.46	1.40	0.90	15.3	2.66	2.1	0.51	8.9
40237540	0.08	0.23	0.39	0.39	684	6.2	423.0	0.24	0.73	0.42	0.24	4.8	0.84	0.6	0.17	2.8
40237541	0.01	0.02	0.26	0.26	120.0	17.9	207.0	2.76	2.35	1.27	0.89	16.7	2.47	1.8	0.51	8.0
40237542	0.01	0.03	0.11	0.11	127.0	19.9	32.0	3.29	2.57	1.50	0.97	16.8	2.68	2.2	0.54	8.9
40237543	0.01	0.02	0.05	0.05	110.5	22.1	134.0	2.95	3.02	1.62	1.04	16.6	3.08	2.4	0.61	9.9
40237544	0.01	0.03	0.06	0.06	120.0	21.8	178.0	3.06	2.84	1.56	1.08	15.9	3.15	2.2	0.61	9.6
40237545	0.04	0.04	0.07	0.07	337	25.0	41.0	2.88	3.55	2.03	1.16	16.1	3.72	2.6	0.75	10.9
40237546	0.02	0.02	0.07	0.07	145.0	22.8	129.0	2.31	3.26	1.88	1.11	16.4	3.41	2.3	0.71	10.2
40237547	0.01	0.03	1.27	1.27	114.0	17.7	88.0	3.18	2.44	1.25	0.98	15.3	2.42	1.7	0.51	7.9
40237548	0.01	0.03	2.11	2.11	109.0	17.3	65.0	3.37	2.31	1.30	0.88	16.4	2.45	1.8	0.46	7.7
40237549	0.02	0.04	0.74	0.74	157.5	30.3	168.0	2.51	4.50	2.17	1.26	19.2	4.73	3.7	0.61	13.0
40237550	0.02	0.03	1.29	1.29	156.0	27.7	165.0	2.77	3.81	2.17	1.12	18.8	3.99	3.2	0.79	12.2
40237551	0.02	0.03	0.17	0.17	140.5	30.0	473.0	2.29	4.60	2.47	1.32	20.1	4.56	3.3	0.92	13.3
40237552	0.01	0.03	0.72	0.72	113.0	19.1	468.0	2.67	2.82	1.55	1.01	18.2	2.89	1.9	0.55	8.4
40237553	0.01	0.02	0.90	0.90	123.5	20.3	62.0	2.10	2.83	1.67	1.01	16.8	2.97	2.1	0.60	9.0
40237554	0.01	0.03	0.97	0.97	121.0	19.8	36.0	2.04	2.80	1.59	1.10	16.8	2.87	1.9	0.61	8.7
40237555	0.01	0.04	1.82	1.82	115.5	24.6	39.0	2.80	3.29	1.81	1.15	16.8	3.42	2.3	0.67	11.0
40237556	0.02	0.03	0.65	0.65	140.0	23.1	112.0	2.00	3.29	1.83	1.13	18.2	3.20	2.3	0.65	10.3
40237557	0.01	0.02	0.53	0.53	135.5	53.8	77.0	1.97	2.74	1.51	1.01	17.9	3.16	2.5	0.61	9.3
40237558	0.02	0.04	0.05	0.05	160.0	22.8	85.0	2.64	3.11	1.69	1.10	17.7	3.14	2.3	0.67	10.1
40237559	0.02	0.02	1.72	1.72	148.5	21.9	126.0	2.47	3.20	1.85	1.13	17.8	3.38	2.2	0.69	9.7
40237559 CRD	0.02	0.02	1.78	1.78	146.5	22.3	123.0	2.49	3.11	1.81	1.10	17.6	3.26	2.3	0.62	9.8
40237560	0.01	0.03	0.09	0.09	128.0	12.8	18.0	0.14	1.80	0.94	0.64	14.7	1.77	1.0	0.37	6.2
40237561	0.01	0.02	0.53	0.53	132.0	27.3	53.0	2.11	3.13	1.72	1.11	17.2	3.10	2.3	0.66	9.8
40237562	0.02	0.01	1.20	1.20	162.5	24.6	37.0	3.29	2.95	1.51	1.15	17.7	3.18	2.2	0.70	11.2
40237563	0.01	0.02	2.80	2.80	129.0	22.6	25.0	2.85	3.25	1.94	1.12	16.9	3.39	2.6	0.70	9.9
40237564	0.02	0.02	2.33	2.33	139.5	18.8	24.0	3.34	2.45	1.30	0.99	17.4	2.49	1.9	0.48	8.5
40237565	<0.01	0.02	25.5	25.5	5.9	1.1	5.0	0.36	0.20	0.11	0.06	1.9	0.23	0.6	0.05	<0.5
40237566	0.01	0.02	3.97	3.97	117.5	22.2	23.0	2.38	3.09	1.77	1.14	17.0	3.33	2.1	0.64	9.8
40237567	0.02	0.02	2.41	2.41	166.5	28.4	28.0	4.61	3.73	2.10	1.29	17.4	3.97	2.7	0.79	12.5
40237568	0.02	0.03	2.25	2.25	160.5	37.1	28.0	2.82	4.90	2.64	1.49	18.9	5.06	3.9	0.96	16.4
40237569	0.02	0.02	2.07	2.07	168.0	26.3	25.0	2.69	3.56	2.02	1.20	18.6	3.76	2.6	0.76	11.7
40237570	0.01	0.14	2.55	2.55	96.4	10.1	192.0	0.79	1.23	0.68	0.42	7.4	1.32	1.0	0.28	4.7
40237571	0.02	0.03	0.80	0.80	164.5	25.6	24.0	2.39	3.61	1.93	1.25	18.5	3.59	2.8	0.72	11.4
40237572	0.02	0.04	0.92	0.92	154.5	25.9	20.0	2.10	3.11	1.73	1.20	20.2	3.98	2.7	0.66	11.6
40237573	0.02	0.03	2.61	2.61	172.0	25.3	22.0	2.70	3.17	1.85	1.27	19.0	2.98	2.4	0.69	11.5
40237574	0.02	0.06	0.71	0.71	190.0	20.0	20.0	2.19	4.60	2.45	1.51	20.9	4.40	3.5	0.83	14.3
40237575	0.01	0.02	23.9	23.9	37.9	6.4	16.0	0.94	0.88	0.64	0.27	9.2	1.22	2.3	0.25	3.3
40237576	0.01	0.15	2.48	2.48	94.5	10.0	182.0	0.97	1.09	0.77	0.41	7.8	1.75	0.9	0.27	4.6

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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To: RIO TINTO EXPLORATION CANADA INC.
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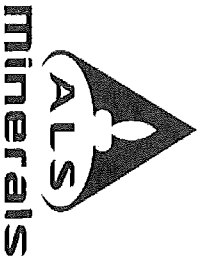
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units	ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm	Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm
40237539		0.20	5.2	10.8	2.58	11.1	2.65	246	0.3	0.44	1.15	0.21	0.45	103								
40237539 CRD		0.20	5.4	10.4	2.54	12.1	2.51	242	0.3	0.42	1.22	0.20	0.48	107								
40237540		0.06	1.3	3.1	0.78	3.4	0.72	48.9	0.1	0.14	0.49	<0.5	0.12	43								
40237541		0.19	4.8	9.8	2.26	9.7	2.29	292	0.3	0.38	0.75	0.20	0.18	102								
40237542		0.20	5.7	10.8	2.57	12.3	2.77	297	0.3	0.43	0.92	0.21	0.25	93								
40237543		0.21	6.3	11.8	2.88	8.0	2.83	268	0.4	0.49	1.05	0.24	0.25	127								
40237544		0.23	6.0	11.9	2.86	10.8	2.87	244	0.4	0.50	1.03	0.23	0.23	135								
40237545		0.26	7.3	14.2	3.27	20.8	3.41	290	0.4	0.56	1.10	0.29	0.26	144								
40237546		0.27	6.5	12.7	3.03	15.3	3.20	261	0.4	0.53	1.00	0.27	0.24	158								
40237547		0.19	4.8	10.2	2.29	12.3	2.15	265	0.3	0.40	0.68	0.19	0.16	93								
40237548		0.17	5.1	9.2	2.23	13.3	2.28	286	0.3	0.38	0.75	0.19	0.20	94								
40237549		0.36	9.6	17.9	4.15	19.5	4.56	267	0.6	0.75	2.53	0.36	0.91	177								
40237550		0.28	8.0	15.6	3.64	20.9	3.86	275	0.5	0.68	2.01	0.31	0.70	130								
40237551		0.36	8.7	17.1	3.97	12.1	4.45	247	0.6	0.70	1.22	0.37	0.26	213								
40237552		0.20	5.5	10.7	2.50	10.6	2.64	261	0.3	0.43	0.80	0.20	0.17	139								
40237553		0.22	5.9	11.1	2.71	10.7	2.75	287	0.4	0.46	0.83	0.24	0.20	119								
40237554		0.22	5.7	11.4	2.60	8.4	2.79	267	0.3	0.46	0.79	0.22	0.20	129								
40237555		0.26	7.0	13.8	3.27	8.8	3.27	252	0.4	0.53	0.92	0.24	0.21	151								
40237556		0.26	6.8	12.7	3.06	13.1	3.14	309	0.4	0.52	0.93	0.25	0.19	140								
40237557		0.22	6.2	11.6	2.75	14.5	2.78	310	0.4	0.49	0.88	0.24	0.20	116								
40237558		0.26	6.7	12.6	3.04	18.8	3.09	331	0.4	0.51	1.05	0.25	0.24	119								
40237559		0.26	6.6	12.5	2.97	21.2	3.29	302	0.4	0.54	0.90	0.27	0.22	183								
40237559 CRD		0.23	6.5	12.5	2.93	20.9	3.01	298	0.4	0.53	0.90	0.24	0.20	161								
40237560		0.13	2.3	6.9	1.66	5.8	1.62	264	0.1	0.31	0.90	0.13	0.12	161								
40237561		0.23	6.2	12.1	2.94	13.2	3.00	290	0.4	0.51	0.90	0.24	0.20	161								
40237562		0.22	6.3	13.2	3.16	26.2	3.28	345	0.3	0.52	1.60	0.23	0.20	112								
40237563		0.25	7.5	12.8	3.00	19.6	3.23	274	0.4	0.53	1.06	0.25	0.23	157								
40237564		0.19	5.0	10.5	2.42	27.2	2.36	310	0.3	0.41	0.80	0.20	0.16	109								
40237565		0.02	0.8	0.6	0.15	0.9	0.15	9.1	<0.1	0.03	0.06	0.02	0.41	38								
40237566		0.23	6.2	12.3	2.94	11.8	3.02	268	0.4	0.53	1.03	0.25	0.24	162								
40237567		0.28	7.4	15.5	3.73	38.8	3.78	310	0.4	0.66	1.48	0.29	0.37	135								
40237568		0.36	10.0	20.5	4.84	26.7	5.09	283	0.6	0.82	1.66	0.38	0.40	199								
40237569		0.26	7.4	14.5	3.52	25.7	3.48	310	0.4	0.58	1.19	0.26	0.27	137								
40237570		0.09	2.2	5.3	1.25	6.0	1.13	108.5	0.1	0.21	0.81	0.09	0.17	93								
40237571		0.26	7.7	14.4	3.36	33.0	3.57	340	0.5	0.59	1.05	0.27	0.24	142								
40237572		0.26	8.1	16.1	3.23	32.3	3.35	323	0.4	0.60	1.14	0.30	0.33	141								
40237573		0.20	7.1	14.3	3.26	38.2	3.07	321	0.4	0.50	1.12	0.19	0.24	150								
40237574		0.35	9.3	19.7	4.17	30.8	4.35	312	0.6	0.79	1.87	0.33	0.56	197								
40237575		0.10	10.2	3.9	0.85	3.6	0.78	57.0	0.4	0.18	0.31	0.09	0.10	222								
40237576		0.09	2.0	5.7	1.23	5.6	1.42	108.5	0.1	0.21	0.81	0.08	0.20	86								

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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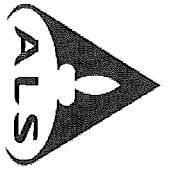
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237539	<1	13.5	1.33	71	0.2	0.02	0.010	0.09	0.09	0.5	0.02	2.58	100.92	<0.5	<5	<0.5
40237539 CRD	<1	13.3	1.26	76	0.1	0.02	0.007	0.08	0.08	0.5	0.02	2.63	99.76	<0.5	<5	<0.5
40237540	<1	4.0	0.37	20	1.2	0.12	0.031	0.46	1.3	1.3	0.15	10.55	101.37	1.4	<5	1.1
40237541	<1	12.4	1.13	66	<0.1	0.13	<0.005	0.12	1.0	1.0	0.05	2.02	100.33	<0.5	<5	<0.5
40237542	<1	13.5	1.35	86	0.2	0.03	<0.005	0.05	0.05	0.6	0.02	2.69	101.21	<0.5	9	0.5
40237543	<1	15.3	1.49	88	0.2	0.02	0.005	0.05	0.05	0.5	0.01	1.71	100.86	<0.5	<5	<0.5
40237544	<1	15.2	1.45	81	<0.1	0.02	0.007	0.05	0.05	0.5	0.02	1.96	99.09	<0.5	<5	<0.5
40237545	<1	18.5	1.75	99	<0.1	0.01	0.012	<0.05	<0.05	0.6	0.01	3.18	98.02	<0.5	<5	<0.5
40237546	<1	17.3	1.57	86	0.1	0.02	0.007	<0.05	0.5	0.5	0.02	1.61	100.02	<0.5	<5	<0.5
40237547	<1	12.3	1.15	59	0.9	0.48	0.010	0.10	2.7	2.7	0.16	2.47	98.08	0.9	<5	<0.5
40237548	<1	11.9	1.09	62	1.8	0.50	0.011	0.21	5.9	5.9	0.34	2.85	98.56	1.6	6	0.5
40237549	<1	24.5	2.21	138	5.8	0.19	0.008	0.22	2.8	2.8	0.16	1.98	98.32	1.5	5	<0.5
40237550	<1	20.1	1.96	117	1.1	0.64	0.006	0.12	0.12	0.7	0.17	2.70	98.77	1.6	7	<0.5
40237551	<1	23.2	2.25	123	0.4	0.04	0.006	0.06	0.06	3.0	0.03	1.39	99.04	<0.5	<5	<0.5
40237552	<1	14.6	1.46	71	0.1	0.25	0.011	<0.05	2.6	2.6	0.14	2.13	97.92	0.9	<5	<0.5
40237553	<1	15.0	1.44	78	0.6	0.29	0.010	<0.05	3.6	3.6	0.18	1.55	97.77	1.5	<5	0.5
40237554	<1	14.7	1.46	74	0.6	0.37	0.007	<0.05	3.4	3.4	0.18	1.51	98.18	1.4	7	<0.5
40237555	<1	17.3	1.67	85	0.4	0.77	0.016	<0.05	5.3	5.3	0.26	2.19	98.96	3.4	<5	0.8
40237556	<1	16.9	1.57	87	0.1	0.23	0.007	<0.05	3.0	3.0	0.14	1.35	98.19	1.0	<5	0.5
40237557	<1	15.0	1.41	95	0.6	0.19	0.009	<0.05	2.2	2.2	0.10	1.41	99.35	0.7	<5	0.5
40237558	<1	16.2	1.52	87	0.7	0.01	0.008	<0.05	0.5	0.5	0.01	2.64	99.87	<0.5	<5	<0.5
40237559	<1	16.8	1.66	84	10.0	0.91	0.010	0.31	4.4	4.4	0.27	1.74	99.02	1.6	13	0.7
40237559 CRD	<1	16.0	1.58	79	12.5	0.72	0.012	0.39	4.1	4.1	0.24	1.74	99.15	1.7	19	0.5
40237560	<1	8.9	0.85	30	<0.1	0.01	<0.005	<0.05	0.3	0.3	0.01	1.58	101.54	<0.5	<5	<0.5
40237561	<1	15.8	1.52	84	4.5	0.26	0.005	0.13	1.8	1.8	0.09	1.12	98.67	0.5	<5	0.5
40237562	<1	15.3	1.47	79	7.9	0.82	0.016	0.23	4.2	4.2	0.26	1.66	100.32	1.9	9	0.8
40237563	<1	17.3	1.61	93	19.2	1.91	0.021	0.73	9.5	9.5	0.55	2.56	97.64	4.1	21	1.1
40237564	<1	12.7	1.15	69	17.8	1.92	0.014	0.53	6.9	6.9	0.40	2.03	97.43	3.6	17	2.0
40237565	<1	1.1	0.16	16	>250	186.0	0.084	91.6	56.2	56.2	29.4	9.94	71.92	66.7	2380	68.9
40237566	<1	16.3	1.48	75	154.0	7.91	0.017	5.32	9.2	9.2	1.46	2.78	97.43	4.2	118	3.6
40237567	<1	19.2	1.79	103	64.4	2.39	0.034	1.92	4.2	4.2	0.27	3.33	100.34	2.1	68	1.5
40237568	<1	25.7	2.39	149	43.0	1.88	0.010	1.39	4.1	4.1	0.28	1.83	99.31	2.0	42	1.5
40237569	<1	18.4	1.81	96	34.1	1.91	0.016	1.39	4.8	4.8	0.30	1.60	100.94	2.3	30	1.4
40237570	<1	6.7	0.64	30	8.4	1.17	0.009	0.28	10.0	10.0	1.83	8.72	98.56	2.5	14	0.9
40237571	<1	17.7	1.67	108	6.0	0.51	0.008	0.21	3.3	3.3	0.17	1.64	101.29	1.3	8	0.7
40237572	<1	17.3	1.71	109	4.1	0.39	0.008	0.10	4.0	4.0	0.17	2.11	98.48	1.8	6	0.5
40237573	<1	16.7	1.45	96	26.6	1.38	0.011	0.61	6.2	6.2	0.26	2.80	99.48	2.3	27	1.0
40237574	<1	23.7	2.63	148	11.7	0.44	0.005	0.31	1.5	1.5	0.07	1.69	100.36	<0.5	16	0.6
40237575	<1	5.6	0.76	92	2.13	2.20	0.033	1.86	27.5	27.5	0.72	9.57	95.15	1.8	200	2.1
40237576	1	6.6	0.62	33	8.4	1.16	0.007	0.22	10.1	10.1	1.83	8.80	98.09	2.3	8	1.0

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237655 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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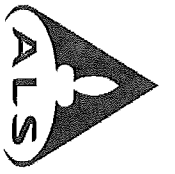
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	Ni-O662 Ni %	AU-AA26 Au ppm	PGM-ICP27 Au ppm
40237539		72	110	30	<1	563	<2	15	91	0.002	0.0043	0.008				
40237539 CRD		74	105	30	<1	577	2	13	93	0.002	0.0051	0.008				
40237540		152	587	<10	<1	1925	66	10	206	0.021	0.0067	0.004				
40237541		74	889	30	<1	710	2	13	92	0.014	0.0247	0.093				
40237542		58	341	30	<1	517	<2	12	80	0.007	0.0164	0.055				
40237543		65	125	20	<1	462	<2	17	89	0.003	0.0067	0.010				
40237544		74	157	20	<1	514	<2	19	112	0.003	0.0051	0.007				
40237545		69	174	40	<1	484	<2	21	94	0.004	0.0070	0.040				
40237546		73	187	20	<1	498	<2	20	98	0.004	0.0093	0.025				
40237547		122	3220	30	<1	1740	8	13	96	0.058	0.0973	0.429				
40237548		142	6980	40	<1	3390	3	9	101	0.128	0.264	>1.00				0.12
40237549		68	2780	30	<1	1385	5	24	90	0.052	0.0838	0.525				
40237550		101	4260	40	<1	2840	3	16	99	0.079	0.1340	0.908				
40237551		69	489	20	<1	467	3	29	126	0.007	0.0096	0.100				
40237552		93	2790	30	<1	1680	2	18	105	0.052	0.1105	0.511				
40237553		94	4440	20	<1	2340	<2	16	82	0.080	0.238	0.821				
40237554		107	4200	20	<1	2320	<2	17	88	0.072	0.1510	0.694				
40237555		128	6430	30	<1	2960	7	17	103	0.110	0.238	0.918				
40237556		74	3270	20	<1	1535	3	14	91	0.067	0.1340	0.656				
40237557		78	2290	20	<1	1460	<2	13	76	0.048	0.0903	0.539				
40237558		44	128	30	<1	266	4	11	79	0.004	0.0296	0.045				
40237559		140	4480	20	<1	2460	3	17	115	0.094	0.1295	0.821				
40237559 CRD		134	4230	20	<1	2390	8	16	106	0.084	0.1255	0.810				
40237560		39	81	<10	<1	100	<2	25	52	0.001	<0.0005	0.002				
40237561		85	1640	20	<1	1195	2	16	88	0.038	0.1215	0.374				
40237562		107	4830	20	<1	2230	6	12	82	0.094	0.1095	0.945				
40237563		194	>10000	20	<1	5690	10	21	107	0.203	0.909	>1.00				0.24
40237564		160	8230	20	<1	4120	40	11	94	0.165	0.324	>1.00				1.220
40237565		1575	>10000	<10	7	>10000	1095	2	711	>1.00	>1.00	>1.00				13.50
40237566		285	8900	20	4	3890	27	17	134	0.214	0.359	>1.00				2.99
40237567		214	4940	40	3	2570	20	16	118	0.088	0.1435	0.493				3.79
40237568		192	3910	20	4	2510	29	26	113	0.075	0.1483	0.473				0.24
40237569		181	5230	20	2	2580	25	15	97	0.089	0.1725	0.708				0.16
40237570		211	5310	20	1	7130	13	15	81	0.186	0.318	0.220				4.40
40237571		85	4250	30	<1	1875	7	16	87	0.086	0.1410	0.842				0.24
40237572		90	5140	30	<1	2580	5	16	87	0.084	0.1260	>1.00				0.12
40237573		221	6320	30	<1	4000	23	18	101	0.111	0.228	0.981				
40237574		93	952	20	<1	661	10	23	104	0.016	0.0281	0.105				
40237575		1740	>10000	10	35	>10000	12	5	285	0.117	0.122	0.420				
40237576		212	5230	20	<1	7080	16	15	77	0.184	0.395	0.220				1.180
																1.335

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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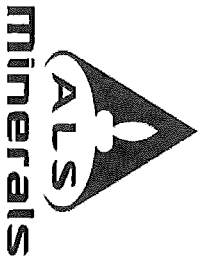
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03
40237539			
40237539 CRD			
40237540			
40237541			
40237542			
40237543			
40237544			
40237545			
40237546			
40237547			
40237548		0.27	1.11
40237549			
40237550			
40237551			
40237552			
40237553			
40237554			
40237555			
40237556			
40237557			
40237558			
40237559			
40237559 CRD			
40237560			
40237561			
40237562		1.11	2.52
40237563		0.37	1.59
40237564		5.35	14.15
40237565		0.38	1.36
40237566			
40237567			
40237568			
40237569			
40237570			
40237571			
40237572		0.16	1.08
40237573			
40237574			
40237575			
40237576			

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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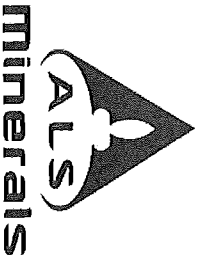
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Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %
40237577		2.15	0.02	0.01	47.5	19.40	11.75	9.64	2.53	7.31	0.78	0.03	1.31	0.14	0.16	0.04
40237578		3.12			44.4	16.45	15.65	8.89	2.40	6.26	0.89	0.03	1.74	0.16	0.26	0.04
40237579		1.42			45.4	19.15	11.60	9.95	2.40	6.16	0.80	0.03	1.37	0.13	0.16	0.04
40237579 CRD		<0.02			45.6	19.30	11.65	10.00	2.43	6.15	0.81	0.03	1.40	0.13	0.16	0.04
40237580		1.45			45.7	19.40	12.00	9.68	2.45	6.30	0.85	0.03	1.27	0.13	0.16	0.04
40237581		2.46			45.3	17.90	11.95	9.67	2.28	6.58	0.98	0.03	1.52	0.14	0.18	0.05
40237582		2.64			45.5	18.20	12.35	9.66	2.32	6.59	0.96	0.03	1.54	0.14	0.19	0.05
40237583		2.56			43.8	18.25	13.80	8.01	1.99	7.06	1.56	0.03	1.11	0.13	0.13	0.07
40237584		2.00			45.5	18.50	13.30	6.73	2.26	6.80	1.62	0.03	1.12	0.15	0.13	0.05
40237585		0.11			21.1	1.29	36.7	1.37	0.16	18.75	0.05	0.25	0.14	0.11	0.02	<0.01
40237586		0.28			1.66	0.16	67.4	0.18	0.03	0.28	<0.01	<0.01	0.01	0.02	0.01	<0.01
40237587		0.41			50.7	16.25	7.41	12.10	1.83	8.81	0.25	0.03	0.55	0.12	0.04	0.03
40237588		1.46			39.6	12.30	23.3	6.83	2.37	4.54	0.72	0.01	3.03	0.17	0.23	0.03
40237589		1.89			44.1	13.50	19.30	4.03	2.78	4.62	2.30	0.01	3.75	0.20	0.43	0.03
40237590		0.41			50.9	15.85	7.83	12.10	1.94	8.54	0.28	0.02	0.60	0.13	0.06	0.03
40237591		1.60			50.2	16.10	13.90	3.04	3.75	3.97	2.60	<0.01	3.03	0.18	0.39	0.04
40237592		1.08			46.6	13.45	16.45	4.14	2.90	4.91	1.33	0.01	3.76	0.20	0.47	0.04
40237593		1.85			58.5	17.30	9.20	0.72	1.77	2.87	4.14	0.04	0.90	0.05	0.12	0.02
40237594		0.48			50.4	15.95	7.57	11.95	1.80	8.93	0.26	0.03	0.52	0.12	0.04	0.03
40237595		2.78	86.7	88.1	42.6	11.65	14.85	7.50	1.37	17.10	0.23	0.10	0.94	0.19	0.11	0.02
40237596		1.73			42.1	11.45	14.90	6.89	1.35	17.45	0.34	0.08	1.05	0.18	0.12	0.02
40237597		1.95			42.3	13.10	13.55	7.49	1.38	14.95	0.49	0.12	1.01	0.18	0.12	0.03
40237598		2.30			43.0	14.55	12.75	8.28	1.61	13.60	0.43	0.10	1.11	0.16	0.13	0.03
40237599		1.75			44.9	13.05	13.55	7.56	1.76	15.95	0.35	0.10	0.97	0.16	0.11	0.02
40237599 CRD		<0.02			42.5	12.85	13.60	7.61	1.51	16.10	0.31	0.10	0.97	0.17	0.12	0.02
40237600		0.16			36.8	3.14	13.90	2.07	0.25	31.3	0.12	0.58	0.26	0.16	0.03	<0.01
40237601		1.74			43.0	13.00	13.50	7.62	1.62	15.60	0.33	0.08	1.08	0.17	0.14	0.02
40237602		1.62			41.5	11.10	14.95	6.60	1.31	18.85	0.26	0.06	0.82	0.18	0.10	0.02
40237603		1.41			41.6	11.40	14.30	6.67	1.29	18.20	0.28	0.06	0.88	0.17	0.10	0.02
40237604		1.17			41.6	12.55	12.60	7.09	1.18	15.65	0.34	0.06	1.10	0.16	0.13	0.02
40237605		1.46			39.8	11.90	12.60	7.06	1.06	14.80	0.27	0.08	0.96	0.17	0.11	0.02
40237606		1.91			44.2	18.40	9.27	9.84	2.22	7.08	1.18	0.16	1.56	0.13	0.14	0.06
40237607		40237608			43.7	17.65	17.65	9.94	1.29	7.27	2.06	0.62	1.40	0.16	0.14	0.05
40237608		1.87			39.5	14.90	13.65	7.86	1.16	13.50	0.78	1.34	0.97	0.18	0.09	0.03
40237609		1.70			42.6	11.55	13.90	6.90	1.25	18.00	0.34	0.10	0.86	0.18	0.11	0.02
40237610		0.56			51.2	16.15	7.43	11.75	1.87	8.74	0.25	0.03	0.82	0.12	0.05	0.03
40237611		2.11			44.7	14.75	11.70	8.62	1.74	13.45	0.41	0.10	1.14	0.15	0.15	0.03
40237612		2.00			42.1	12.60	14.40	7.49	1.54	17.30	0.35	0.08	1.08	0.18	0.12	0.02
40237613		1.79			43.9	13.55	13.40	7.96	1.65	14.90	0.32	0.09	1.17	0.17	0.14	0.03
40237614		1.86			43.8	16.10	12.30	8.90	2.00	11.45	0.52	0.08	1.32	0.15	0.15	0.03

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**



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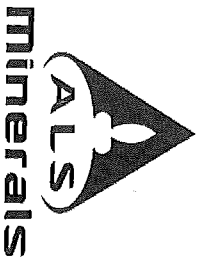
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-ICP06 BAO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40237577		0.02	0.03	0.41	197.0	115.5	220	2.61	3.26	2.04	1.40	21.1	3.77	3.1	0.67	12.3
40237578		0.02	0.04	1.51	212	36.7	180	2.35	4.39	2.92	1.57	21.4	5.13	3.3	0.90	16.8
40237579		0.02	0.03	0.64	165.0	28.9	190	1.88	3.93	1.88	1.57	20.4	3.80	2.8	0.81	13.3
40237579 CRD		0.02	0.03	0.65	176.0	29.1	180	2.00	3.80	2.14	1.36	19.6	3.39	3.0	0.82	13.1
40237580		0.02	0.02	0.78	172.5	27.9	190	1.98	3.46	1.98	1.17	20.1	3.82	2.9	0.79	12.9
40237581		0.02	0.04	0.30	192.5	32.0	200	2.06	4.01	2.15	1.44	20.3	4.45	2.9	0.88	14.2
40237582		0.02	0.03	0.54	207	32.1	200	2.22	4.36	2.13	1.52	21.0	4.75	3.0	1.01	14.3
40237583		0.03	0.03	1.72	259	23.5	220	3.19	2.87	1.83	1.22	18.3	3.00	2.7	0.65	11.1
40237584		0.07	0.04	1.00	554	27.0	210	3.69	3.27	1.82	1.22	20.3	3.19	2.2	0.55	11.8
40237585		<0.01	0.08	14.75	20.5	2.8	1740	0.15	0.43	0.22	0.08	2.7	0.38	0.3	0.07	1.4
40237586		<0.01	0.05	33.2	14.2	43.5	10	0.25	0.10	0.07	0.04	0.8	0.12	0.3	0.03	0.8
40237587		0.01	0.13	0.07	118.5	12.4	220	0.11	1.73	1.01	0.45	14.7	1.63	1.3	0.35	6.0
40237588		0.03	0.03	4.87	263	40.5	80	2.13	4.80	2.37	1.57	20.3	5.00	4.3	0.94	18.1
40237589		0.09	0.06	1.81	753	63.6	40	2.79	7.68	3.58	2.20	24.2	8.37	5.9	1.28	26.0
40237590		0.02	0.16	0.09	131.5	13.5	160	0.16	1.74	1.03	0.66	16.3	1.80	1.3	0.33	6.6
40237591		0.13	0.10	0.30	1120	69.7	30	3.07	6.46	3.39	2.04	25.7	8.05	6.2	1.25	31.1
40237592		0.07	0.12	0.12	566	86.5	40	0.12	3.80	2.20	0.88	27.3	9.88	7.8	1.43	39.2
40237593		0.07	0.02	1.29	621	66.8	180	9.51	4.96	2.70	1.51	23.9	5.93	3.8	0.88	33.8
40237594		0.01	0.14	0.09	118.5	12.2	250	0.14	1.85	0.99	0.66	15.9	1.62	1.0	0.32	5.8
40237595		0.01	0.01	0.04	93.6	19.0	670	2.10	3.06	1.74	0.95	12.9	2.78	2.0	0.64	8.3
40237596		0.01	0.02	0.04	114.5	20.8	50	2.11	2.94	1.72	0.95	13.2	3.03	2.2	0.62	9.5
40237597		0.02	0.05	0.05	147.5	19.6	810	3.06	3.41	1.71	0.88	14.1	3.30	1.9	0.60	8.8
40237598		0.02	0.03	0.04	141.0	21.3	700	3.17	2.80	1.69	1.01	16.9	2.71	2.3	0.59	10.0
40237599		0.01	0.03	0.04	117.5	50.8	700	2.39	2.80	1.87	0.89	14.0	2.74	2.3	0.62	8.8
40237599 CRD		0.01	0.03	0.04	103.0	19.8	700	2.46	3.12	1.49	0.95	13.5	3.11	2.1	0.57	8.9
40237600		0.08	0.22	0.38	704	6.3	4120	0.29	0.82	0.37	0.27	5.2	0.71	0.6	0.18	3.0
40237601		0.01	0.04	0.03	115.0	23.8	540	3.26	3.38	2.08	1.05	14.3	3.79	2.6	0.69	10.7
40237602		0.01	0.02	0.04	90.4	15.3	410	0.88	2.55	1.26	0.63	11.9	2.35	1.6	0.55	6.9
40237603		0.01	0.04	0.04	87.8	17.9	380	3.95	2.46	1.52	0.79	11.9	2.88	1.9	0.51	7.6
40237604		0.01	0.08	0.05	109.5	20.9	400	3.92	2.95	1.65	1.02	13.7	3.23	2.1	0.64	9.7
40237605		0.01	0.19	0.06	110.0	20.7	670	2.74	3.02	1.56	0.82	13.8	3.11	2.1	0.53	9.4
40237606		0.13	0.04	0.02	113.5	31.4	1220	6.52	4.28	2.33	1.46	19.3	4.15	2.8	0.79	14.6
40237607		0.22	0.05	0.03	196.5	25.5	4350	5.76	3.21	1.66	1.13	18.8	3.63	2.0	0.60	11.8
40237608		0.05	0.07	0.04	448	16.4	9210	4.15	1.95	1.45	0.93	17.1	2.49	1.5	0.48	7.7
40237609		0.01	0.03	0.03	110.0	19.9	730	3.75	2.66	1.51	0.89	12.9	3.05	1.7	0.56	9.1
40237610		0.01	0.23	0.09	149.0	11.4	220	0.23	1.59	0.80	0.57	14.3	1.50	1.0	0.29	5.8
40237611		0.02	0.02	0.03	149.0	23.9	720	2.89	3.60	1.75	0.92	15.4	3.81	2.5	0.61	11.2
40237612		0.01	0.03	0.04	113.0	20.7	600	2.74	2.68	1.53	0.98	12.9	3.01	2.1	0.54	9.4
40237613		0.01	0.02	0.04	130.0	21.6	670	2.38	2.90	1.69	1.02	14.9	3.23	2.4	0.63	10.1
40237614		0.02	0.02	0.04	177.0	26.8	630	2.96	3.87	1.89	1.24	16.5	4.13	2.3	0.75	12.7

Comments: **Corrected Copy for ME-AACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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Page: 4 - C
 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 10-JAN-2014
 Account: KAV

Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MSB1 Lu ppm 0.01	ME-MSB1 Nb ppm 0.2	ME-MSB1 Nd ppm 0.1	ME-MSB1 Pr ppm 0.03	ME-MSB1 Rb ppm 0.2	ME-MSB1 Sm ppm 0.03	ME-MSB1 Sn ppm 1	ME-MSB1 Sr ppm 0.1	ME-MSB1 Ta ppm 0.1	ME-MSB1 Tb ppm 0.01	ME-MSB1 Th ppm 0.05	ME-MSB1 Tl ppm 0.5	ME-MSB1 Tm ppm 0.01	ME-MSB1 U ppm 0.05	ME-MSB1 V ppm 5
40237577		0.26	7.7	14.8	3.50	33.9	3.94	2	365	0.5	0.53	1.31	<0.5	0.27	0.31	145
40237578		0.30	10.4	21.1	4.83	33.7	4.80	2	321	0.6	0.76	1.85	<0.5	0.34	0.39	186
40237579 CRD		0.32	8.1	16.8	3.55	29.5	3.45	1	377	0.5	0.73	1.39	<0.5	0.26	0.27	149
40237580		0.25	8.9	16.6	3.73	30.4	3.61	1	373	0.5	0.61	1.24	<0.5	0.30	0.33	149
40237581		0.23	8.2	16.3	3.65	32.7	3.62	1	382	0.5	0.65	1.31	<0.5	0.26	0.29	145
40237582		0.28	9.1	17.1	4.03	34.5	4.60	1	399	0.5	0.70	1.57	0.6	0.32	0.40	175
40237583		0.30	9.2	18.4	4.11	34.1	3.64	1	408	0.4	0.69	1.37	<0.5	0.29	0.30	174
40237584		0.21	6.7	13.7	3.11	63.4	3.05	1	589	0.4	0.53	1.10	0.8	0.30	0.30	129
40237585		0.26	7.0	13.6	3.50	68.1	3.50	2	409	0.4	0.58	1.63	1.0	0.26	0.60	126
40237586		0.01	0.6	1.7	0.38	1.6	0.34	2	20.3	<0.1	0.05	0.21	<0.5	0.04	<0.05	39
40237587		<0.01	0.4	0.6	0.19	1.9	<0.03	12	5.6	<0.1	0.01	0.05	12.8	0.01	<0.05	<5
40237588		0.14	2.3	6.0	1.51	4.9	1.51	<1	258	0.28	0.28	0.93	<0.5	0.12	0.10	167
40237589		0.34	14.1	22.9	5.25	24.3	5.78	3	265	0.9	0.82	2.05	1.7	0.41	0.66	383
40237590		0.50	24.2	39.3	8.60	75.3	8.72	2	207	1.5	1.35	2.90	2.5	0.57	0.98	419
40237591		0.15	2.8	7.8	1.67	5.9	1.72	<1	264	0.2	0.35	1.14	<0.5	0.12	0.15	188
40237592		0.39	21.3	35.9	8.79	86.7	7.58	3	304	1.4	1.20	4.57	1.0	0.43	1.40	322
40237593		0.57	27.3	46.2	11.00	54.7	9.35	2	306	1.6	1.43	4.74	0.5	0.55	1.33	425
40237594		0.40	11.4	32.2	8.51	218	6.01	2	178.0	0.7	0.68	8.44	1.1	0.43	6.26	174
40237595		0.11	2.2	6.7	1.56	6.3	1.80	<1	256	0.3	0.25	1.01	<0.5	0.12	0.15	168
40237596		0.21	5.7	11.2	2.58	7.1	2.59	1	181.0	0.3	0.44	0.86	<0.5	0.26	0.15	109
40237597		0.25	6.4	11.5	2.75	10.5	2.91	1	182.5	0.3	0.58	0.93	<0.5	0.24	0.19	110
40237598		0.19	5.6	11.0	2.76	17.9	2.47	1	220	0.3	0.65	0.87	1.5	0.23	0.18	119
40237599		0.26	6.3	12.9	2.70	13.8	2.94	1	237	0.4	0.53	0.97	<0.5	0.28	0.21	137
40237599 CRD		0.23	5.8	11.1	2.51	10.5	2.81	1	195.0	0.3	0.44	0.99	<0.5	0.20	0.20	121
40237600		0.21	5.5	10.5	2.62	9.1	2.29	1	201	0.4	0.42	0.74	<0.5	0.26	0.21	124
40237601		0.06	1.3	3.7	0.79	3.9	0.78	1	52.6	0.1	0.11	0.53	<0.5	0.06	0.06	26
40237602		0.27	7.1	13.6	3.25	10.2	3.36	1	203	0.4	0.63	1.19	<0.5	0.24	0.31	122
40237603		0.17	5.3	9.0	1.99	7.6	1.82	1	163.5	0.3	0.42	0.71	<0.5	0.22	0.18	106
40237604		0.19	5.3	10.5	2.14	8.9	2.42	1	164.0	0.3	0.45	0.75	<0.5	0.18	0.12	110
40237605		0.23	6.4	11.9	2.84	12.1	2.83	1	172.5	0.4	0.44	0.82	<0.5	0.21	0.29	125
40237606		0.26	7.8	11.3	2.76	9.8	2.77	1	146.5	0.5	0.49	0.92	1.7	0.23	0.19	162
40237607		0.34	9.6	18.1	4.22	35.3	3.92	1	535	0.5	0.74	1.24	1.5	0.39	0.33	232
40237608		0.27	7.3	14.2	3.22	68.2	3.29	1	428	0.4	0.63	0.99	1.7	0.24	0.30	149
40237609		0.22	4.7	9.1	2.13	26.4	2.01	1	258	0.3	0.43	0.60	1.9	0.15	0.25	69
40237610		0.19	5.9	10.9	2.60	11.1	3.14	1	181.0	0.3	0.50	0.74	<0.5	0.21	0.18	104
40237611		0.12	2.2	6.3	1.45	5.9	1.31	<1	252	0.1	0.26	0.91	<0.5	0.09	0.16	156
40237612		0.29	7.3	13.7	3.24	12.7	3.47	1	298	0.4	0.58	1.04	<0.5	0.27	0.29	135
40237613		0.26	6.2	11.9	2.71	9.6	3.08	1	193.5	0.4	0.51	0.76	<0.5	0.22	0.27	131
40237614		0.27	7.1	13.0	2.97	8.8	2.97	1	218	0.4	0.54	1.01	<0.5	0.21	0.25	146
40237614		0.26	8.0	16.3	3.62	16.3	3.60	1	282	0.6	0.64	1.13	<0.5	0.27	0.32	167

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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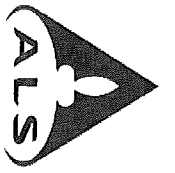
To: RIO TINTO EXPLORATION CANADA INC.
 354-200 GRANVILLE STREET
 VANCOUVER BC V6C 1S4
 Project: EB80000940
 Page: 4 - D
 Total # Pages: 6 (A - F)
 Plus Appendix Pages
 Finalized Date: 10-JAN-2014
 Account: KAV

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MS81		ME-MS81		ME-MS81		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42		ME-MS42	
		W	Y	Yb	Zr	As	Bi	Hg	Sb	Se	Te	LOI %	Total %	Ag	As	Cd													
40237577	<1	18.3	1.65	135	1.6	0.21	<0.005	0.08	1.7	0.07	1.38	101.99	0.7	<5	0.5														
40237578	<1	24.1	2.54	137	14.2	0.47	0.020	0.43	3.6	0.14	1.90	99.09	0.9	<5	0.8														
40237579	1	20.3	1.91	113	0.1	0.19	0.010	<0.05	2.4	0.10	1.37	98.58	1.2	<5	0.5														
40237579 CRD	1	19.5	1.81	121	0.3	0.23	0.011	<0.05	2.4	0.10	1.36	99.08	1.1	<5	0.5														
40237580	1	18.7	1.85	107	0.4	0.30	0.012	0.05	2.7	0.11	1.32	99.35	1.3	<5	<0.5														
40237581	1	21.6	2.20	130	0.7	0.11	0.010	0.11	1.3	0.04	1.93	98.53	<0.5	<5	0.6														
40237582	1	22.1	1.90	131	1.6	0.27	0.011	0.12	2.0	0.08	1.34	98.89	1.0	<5	0.8														
40237583	1	16.0	1.59	99	1.9	0.63	0.030	0.21	4.6	0.24	2.51	98.48	3.0	<5	0.7														
40237584	1	16.2	1.60	101	32.6	0.42	0.036	0.74	2.6	0.12	3.82	100.08	1.5	<5	0.8														
40237585	1	2.0	0.24	11	3.2	0.89	0.019	0.25	38.5	3.53	10.80	90.74	2.6	7	1.5														
40237586	1	<0.5	0.06	19	>250	28.7	0.150	34.9	43.0	10.30	12.40	82.15	25.4	1505	17.1														
40237587	<1	8.2	1.12	37	1.4	0.07	<0.005	<0.05	0.4	0.02	0.83	98.96	<0.5	5	<0.5														
40237588	1	24.7	2.33	155	132.5	2.73	0.051	2.92	10.0	1.01	2.63	95.79	5.0	169	4.6														
40237589	1	34.5	3.02	236	41.3	1.23	0.066	3.17	3.3	0.22	3.80	98.94	1.6	47	0.9														
40237590	1	9.4	1.05	41	0.1	0.02	<0.005	<0.05	0.3	0.01	0.69	98.99	<0.5	<5	<0.5														
40237591	1	29.6	2.87	237	11.2	0.86	0.065	0.70	1.5	0.03	3.40	100.73	<0.5	21	0.5														
40237592	1	35.4	3.53	309	4.1	0.45	0.019	0.16	1.5	0.02	3.84	98.17	<0.5	<5	0.6														
40237593	2	23.7	2.53	159	6.6	0.08	0.014	0.27	1.1	0.03	3.51	99.20	<0.5	5	<0.5														
40237594	1	8.2	0.75	36	<0.1	0.02	0.005	<0.05	0.3	0.01	0.73	98.35	<0.5	<5	<0.5														
40237595	<1	14.9	1.46	76	<0.1	0.01	0.008	<0.05	0.5	0.01	1.43	98.10	<0.5	6	<0.5														
40237596	<1	16.4	1.68	84	0.1	0.01	0.007	<0.05	0.5	0.01	2.13	98.07	<0.5	<5	0.6														
40237597	<1	15.4	1.64	77	0.2	0.01	0.018	0.09	0.5	0.01	3.60	98.34	<0.5	<5	0.5														
40237598	<1	15.8	1.50	86	<0.1	0.01	0.008	<0.05	0.5	0.01	2.67	98.44	<0.5	<5	<0.5														
40237599	<1	14.7	1.41	92	0.1	0.01	0.010	<0.05	0.5	0.01	2.10	100.59	<0.5	8	<0.5														
40237599 CRD	<1	14.7	1.42	82	<0.1	0.01	0.010	<0.05	0.5	0.02	2.13	98.00	<0.5	<5	0.5														
40237600	1	4.2	0.25	23	1.2	0.12	0.027	0.47	1.2	0.14	10.65	99.34	1.3	<5	1.2														
40237601	1	17.6	1.75	103	0.1	0.01	0.009	<0.05	0.6	0.01	2.68	98.85	<0.5	7	<0.5														
40237602	<1	12.1	1.21	65	<0.1	0.01	0.007	<0.05	0.5	0.01	2.84	98.60	<0.5	<5	<0.5														
40237603	1	13.5	1.21	69	<0.1	0.01	0.005	<0.05	0.4	0.01	4.22	99.20	<0.5	<5	0.5														
40237604	<1	15.1	1.48	76	0.1	0.01	0.014	<0.05	0.5	0.01	6.92	99.41	<0.5	<5	0.5														
40237605	<1	15.5	1.71	87	0.4	0.01	0.023	0.16	0.6	0.01	9.41	98.25	<0.5	<5	<0.5														
40237606	<1	23.2	2.11	117	<0.1	0.01	0.026	<0.05	0.7	<0.01	3.64	98.07	<0.5	<5	0.5														
40237607	<1	18.4	1.74	82	0.15	0.01	0.025	0.15	0.7	0.01	5.10	101.25	<0.5	<5	<0.5														
40237608	<1	11.8	1.34	63	<0.1	0.01	0.017	<0.05	0.5	0.01	5.23	99.24	<0.5	6	<0.5														
40237609	<1	14.8	1.43	72	0.2	0.01	0.010	<0.05	0.5	0.01	3.23	99.05	<0.5	<5	<0.5														
40237610	<1	7.8	0.72	32	<0.1	0.01	0.005	<0.05	0.3	0.01	1.32	99.07	<0.5	<5	<0.5														
40237611	<1	18.3	1.64	93	0.1	0.01	0.005	<0.05	0.5	0.01	2.11	99.47	<0.5	<5	<0.5														
40237612	<1	15.3	1.66	75	<0.1	0.01	0.009	<0.05	0.5	0.01	2.05	99.32	<0.5	<5	<0.5														
40237613	<1	16.5	1.54	90	<0.1	0.01	0.011	<0.05	0.5	0.01	1.29	98.58	<0.5	<5	<0.5														
40237614	<1	19.4	2.01	100	0.1	0.02	0.018	<0.05	0.7	0.01	1.38	98.20	<0.5	<5	<0.5														

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237514 and 40237537 to 40237557**

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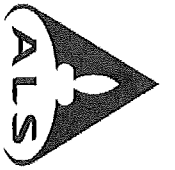
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu--OG62 Cu %	Ni--OG62 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40237577		72	2110	30	<1	985	<2	15	95	0.035	0.0439	0.316				
40237578		145	3340	30	1	1930	10	23	130	0.044	0.0950	0.332				
40237579		74	3390	30	<1	1345	<2	17	85	0.059	0.1200	0.520				
40237579 CRD		72	3430	30	<1	1310	4	17	84	0.054	0.1030	0.460				
40237580		82	3850	30	<1	1635	3	15	94	0.051	0.1090	0.562				
40237581		66	1425	40	<1	740	<2	19	101	0.022	0.0398	0.197				
40237582		71	2520	30	<1	1050	7	18	95	0.034	0.0767	0.343				
40237583		133	8700	50	<1	3200	6	13	98	0.089	0.1565	>1.00				
40237584		101	4580	50	<1	1755	10	13	87	0.053	0.0826	0.338				0.11
40237585		853	>10000	<10	<1	>10000	10	7	96	0.191	0.316	0.265	1.370	3.27		
40237586		2110	>10000	<10	<1	>10000	318	<1	199	>1.00	>1.00	>1.00	5.93	5.45	1.05	1.12
40237587		40	113	<10	<1	146	2	23	47	0.001	0.0012	0.004				
40237588		372	>10000	20	<1	9460	58	28	148	0.131	0.362	>1.00	1.095			0.12
40237589		110	7140	30	<1	1810	27	29	183	0.132	0.0960	0.350				
40237590		40	98	<10	<1	108	2	27	50	0.001	0.0005	0.002				
40237591		48	1045	50	<1	295	39	21	144	0.034	0.0292	0.117				
40237592		50	381	50	<1	94	33	26	170	0.017	0.0171	0.055				
40237593		26	173	110	3	95	17	21	183	0.003	0.0016	0.003				
40237594		39	77	10	<1	111	<2	26	44	0.001	0.0018	0.002				
40237595		95	131	20	<1	861	<2	14	107	0.003	0.0038	0.005				
40237596		101	122	20	<1	948	<2	14	113	0.002	0.0034	0.004				
40237597		90	130	60	<1	820	<2	13	101	0.002	0.0038	0.005				
40237598		77	121	30	<1	663	<2	12	92	0.002	0.0034	0.005				
40237599		92	132	20	<1	849	<2	14	101	0.004	0.0080	0.030				
40237599 CRD		91	145	20	<1	848	<2	14	100	0.004	0.0084	0.035				
40237600		146	566	<10	1	1830	62	10	196	0.018	0.0063	0.003				
40237601		90	127	30	<1	819	<2	15	98	0.003	0.0066	0.019				
40237602		105	136	10	<1	976	<2	12	102	0.004	0.0067	0.007				
40237603		101	114	30	<1	948	<2	13	105	0.002	0.0042	0.003				
40237604		87	94	100	<1	791	<2	11	88	0.002	0.0070	0.008				
40237605		87	122	100	<1	770	<2	11	96	0.003	0.0045	0.022				
40237606		42	118	70	<1	278	<2	17	76	0.002	0.0022	0.007				
40237607		45	133	90	<1	261	<2	16	87	0.001	0.0026	0.002				
40237608		82	136	90	<1	700	<2	12	122	0.004	0.0159	0.043				
40237609		97	106	40	<1	919	<2	17	101	0.002	0.0062	0.012				
40237610		39	79	10	<1	117	<2	26	49	0.001	<0.0005	<0.001				
40237611		77	116	30	<1	658	<2	14	91	0.001	0.0025	0.005				
40237612		95	126	20	<1	845	<2	15	104	0.004	0.0061	0.010				
40237613		86	129	20	<1	717	<2	13	99	0.003	0.0070	0.011				
40237614		70	151	20	<1	485	<2	16	90	0.002	0.0036	0.006				

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237606 to 40237614 and 40237557 to 40237557**

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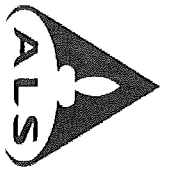
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	PGM-ICP27	
		Pt ppm	Pd ppm
40237577			
40237578			
40237579			
40237579 CRD			
40237580			
40237581			
40237582			
40237583			
40237584			
40237585			
40237586		2.77	11.30
40237587			
40237588		0.33	1.51
40237589			
40237590			
40237591			
40237592			
40237593			
40237594			
40237595			
40237596			
40237597			
40237598			
40237599			
40237599 CRD			
40237600			
40237601			
40237602			
40237603			
40237604			
40237605			
40237606			
40237607			
40237608			
40237609			
40237610			
40237611			
40237612			
40237613			
40237614			

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

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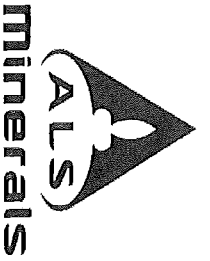
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Table with columns: Sample Description, Method Analyte Units LOR, WEI-21 Recvd Wt. Kg, CRU-QC Passzmm %, PUL-QC Pass7Sum %, ME-ICP06 SiO2 %, ME-ICP06 Al2O3 %, ME-ICP06 Fe2O3 %, ME-ICP06 CaO %, ME-ICP06 Na2O %, ME-ICP06 MgO %, ME-ICP06 K2O %, ME-ICP06 Cr2O3 %, ME-ICP06 TiO2 %, ME-ICP06 MnO %, ME-ICP06 P2O5 %, ME-ICP06 S-IO %

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-R08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

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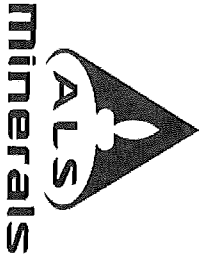
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MSB1 Ba ppm	ME-MSB1 Ce ppm	ME-MSB1 Cr ppm	ME-MSB1 Cs ppm	ME-MSB1 Dy ppm	ME-MSB1 Er ppm	ME-MSB1 Eu ppm	ME-MSB1 Ga ppm	ME-MSB1 Gd ppm	ME-MSB1 Hf ppm	ME-MSB1 Ho ppm	ME-MSB1 La ppm
40237615	0.02	0.01	0.05	0.05	198.0	20.9	>10000	2.63	2.93	1.49	1.10	22.7	3.18	2.1	0.56	9.5
40237616	0.01	0.02	0.06	0.06	125.5	17.7	8320	1.94	2.44	1.30	1.03	19.6	2.42	2.2	0.51	8.4
40237617	0.01	0.03	0.08	0.08	93.2	13.9	2440	2.17	1.99	1.13	0.75	13.1	2.33	1.4	0.40	6.8
40237618	0.03	0.04	0.09	0.09	262	22.8	920	4.05	3.32	1.93	1.04	16.8	3.34	2.2	0.64	10.7
40237619	0.08	0.13	0.09	0.09	688	22.3	8650	4.59	2.90	1.79	1.15	21.4	3.19	2.5	0.67	10.5
40237619 CRD	0.07	0.13	0.10	0.10	678	22.4	8260	4.35	2.97	1.78	1.15	20.4	3.09	2.4	0.63	10.6
40237620	0.08	0.22	0.38	0.38	706	6.1	4200	0.25	0.78	0.35	0.18	4.5	0.85	0.5	0.15	3.1
40237621	0.03	0.03	0.23	0.23	234	14.5	>10000	3.45	2.06	1.28	0.90	28.0	2.26	1.3	0.45	6.8
40237622	0.02	0.05	0.32	0.32	153.0	19.0	8120	5.68	2.85	1.33	1.00	20.0	3.21	2.2	0.55	8.8
40237623	0.02	0.02	0.39	0.39	138.5	13.7	>10000	3.84	2.21	1.05	0.84	28.4	2.33	1.5	0.40	6.3
40237624	0.03	0.04	0.73	0.73	255	27.9	7130	4.14	4.03	1.97	1.25	21.1	3.85	3.6	0.81	12.8
40237625	0.04	0.03	0.67	0.67	310	20.9	4050	4.64	2.69	1.71	1.03	19.1	2.89	2.2	0.56	9.2
40237626	0.06	0.27	0.53	0.53	506	22.7	2110	2.97	3.01	1.77	1.06	17.4	2.92	2.3	0.62	10.7
40237627	0.14	0.30	0.16	0.16	1165	21.6	5330	4.44	3.00	1.44	0.83	17.7	3.45	2.3	0.63	10.4
40237628	0.03	0.03	1.04	1.04	263	23.0	6640	3.84	2.96	2.00	1.21	21.4	3.60	2.4	0.67	10.8
40237629	0.02	0.03	0.32	0.32	142.5	18.2	290	3.12	2.13	1.13	1.01	16.9	2.38	1.8	0.44	8.5
40237630	0.02	0.08	0.14	0.14	150.5	12.1	200	0.20	1.62	0.91	0.66	15.4	1.59	1.0	0.37	6.1
40237631	0.02	0.05	0.84	0.84	159.5	20.8	280	2.68	2.69	1.53	1.15	17.4	2.89	1.9	0.65	9.8
40237632	0.01	0.09	1.05	1.05	98.2	15.1	260	2.85	2.14	1.13	0.77	16.0	2.11	1.5	0.42	7.2
40237633	0.02	0.02	0.98	0.98	151.5	17.3	1020	4.36	2.17	1.40	1.08	17.7	2.46	2.0	0.52	8.3
40237634	0.02	0.02	1.00	1.00	131.0	16.7	4210	2.80	2.49	1.14	1.00	20.0	2.66	1.4	0.49	7.9
40237635	0.01	0.03	0.45	0.45	120.0	16.5	700	3.13	2.50	1.08	0.93	18.1	2.32	1.7	0.55	7.6
40237636	0.02	0.04	0.48	0.48	148.0	27.7	910	2.24	3.79	2.26	1.30	18.8	4.30	2.7	0.83	12.8
40237637	0.02	0.03	0.31	0.31	141.0	21.8	450	2.18	3.11	1.72	1.18	17.7	3.20	2.2	0.62	10.2
40237638	0.02	0.04	0.32	0.32	157.0	23.4	510	1.74	3.51	1.69	1.14	20.9	3.38	2.4	0.68	10.4
40237639	0.02	0.03	0.28	0.28	142.0	21.3	360	2.65	3.00	1.62	1.14	19.4	3.11	1.9	0.60	9.4
40237639 CRD	0.02	0.03	0.30	0.30	144.0	21.6	360	2.41	2.67	1.70	1.31	19.3	3.22	2.2	0.61	9.6
40237640	0.01	0.16	2.42	2.42	100.0	9.8	2020	0.84	1.31	0.77	0.48	7.6	1.46	0.9	0.24	4.8
40237641	0.02	0.03	0.31	0.31	149.5	25.4	480	1.99	3.24	1.98	1.30	18.7	3.78	2.4	0.66	11.7
40237642	0.02	0.04	0.26	0.26	165.5	28.7	270	2.14	3.77	2.01	1.43	19.9	3.60	2.6	0.66	12.8
40237643	0.02	0.02	0.10	0.10	159.0	27.1	340	2.17	3.60	2.08	1.33	20.2	4.12	3.0	0.75	12.2
40237644	0.02	0.03	0.16	0.16	163.5	28.1	350	2.16	3.75	2.26	1.32	20.0	4.12	2.9	0.79	12.5
40237645	0.02	0.03	0.10	0.10	178.0	30.9	310	2.22	3.83	2.35	1.42	20.8	4.43	3.0	0.87	13.6
40237646	0.02	0.03	0.25	0.25	169.5	30.5	360	2.68	3.87	2.21	1.35	20.3	4.37	3.3	0.82	13.8
40237647	0.02	0.02	0.29	0.29	190.5	39.0	420	2.59	4.95	2.71	1.69	21.7	5.38	4.0	1.01	17.6
40237648	0.02	0.03	0.52	0.52	164.0	30.8	1010	2.83	3.81	2.25	1.32	20.8	4.40	3.3	0.85	13.8
40237649	0.02	0.02	0.47	0.47	145.5	23.7	790	2.10	2.80	1.63	1.14	19.2	3.20	2.2	0.60	10.7
40237650	0.01	0.28	0.06	0.06	106.5	11.1	310	0.32	1.33	0.82	0.54	14.9	1.50	0.9	0.29	5.5
40237651	0.01	0.02	1.04	1.04	127.5	17.7	330	2.24	2.14	1.22	0.96	18.5	2.26	1.7	0.44	8.1
40237652	0.02	0.03	0.95	0.95	148.0	26.1	2080	3.11	3.49	1.98	1.16	19.0	3.82	2.8	0.73	11.5

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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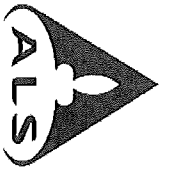
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Td ppm	ME-MS81 Th ppm	ME-MS81 Tl ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm
40237615		0.27	6.3	12.4	2.94	17.9	2.88	1	291	0.4	0.56	0.81	<0.5	0.23	0.26	147
40237616		0.23	5.5	10.7	2.37	12.4	2.17	1	292	0.3	0.39	0.76	<0.5	0.25	0.23	75
40237617		0.18	4.2	8.0	1.90	7.2	1.94	1	180.0	0.3	0.34	0.54	<0.5	0.17	0.19	112
40237618		0.26	7.4	12.7	3.06	32.1	3.05	1	333	0.4	0.55	1.01	0.5	0.25	0.24	137
40237619		0.29	6.5	12.7	3.10	45.2	3.32	1	400	0.4	0.57	1.02	2.0	0.25	0.31	163
40237619 CRD		0.27	6.6	12.9	3.01	44.6	3.31	1	394	0.4	0.54	0.97	1.7	0.25	0.26	86
40237620		0.06	1.5	3.4	0.72	3.5	0.74	1	50.0	0.1	0.12	0.44	<0.5	0.04	0.09	19
40237621		0.19	4.1	8.5	1.97	25.0	2.07	1	296	0.2	0.34	0.55	<0.5	0.18	0.17	<5
40237622		0.24	5.9	11.5	2.80	13.8	2.37	1	241	0.4	0.46	0.76	0.9	0.23	0.26	30
40237623		0.19	3.9	8.2	1.93	10.8	2.11	1	259	0.3	0.34	0.64	<0.5	0.14	0.18	34
40237624		0.29	8.5	16.3	3.88	14.4	3.72	1	259	0.5	0.64	1.52	0.9	0.30	0.46	54
40237625		0.23	5.9	11.8	2.75	26.7	2.90	1	290	0.4	0.46	0.72	1.1	0.21	0.26	124
40237626		0.24	6.8	13.0	3.03	53.9	2.97	1	153.0	0.4	0.51	0.89	5.7	0.26	0.26	122
40237627		0.27	6.6	12.6	2.85	101.5	2.95	1	262	0.4	0.49	0.94	2.3	0.24	0.22	100
40237628		0.25	7.1	13.6	3.18	37.2	2.76	1	404	0.4	0.62	1.07	0.7	0.24	0.27	102
40237629		0.21	5.4	10.4	2.46	24.9	2.16	1	473	0.3	0.40	0.65	<0.5	0.18	0.23	97
40237630		0.14	2.1	6.7	1.46	5.1	1.39	<1	294	0.1	0.27	0.79	<0.5	0.13	0.17	203
40237631		0.23	5.7	11.9	2.82	27.6	2.54	1	416	0.3	0.44	0.87	<0.5	0.23	0.28	125
40237632		0.15	4.4	9.0	2.02	9.8	2.04	1	263	0.2	0.33	0.57	<0.5	0.17	0.19	94
40237633		0.18	5.1	9.9	2.34	14.5	2.22	1	330	0.2	0.40	0.68	<0.5	0.18	0.20	118
40237634		0.20	5.0	10.0	2.29	19.1	2.42	1	339	0.3	0.42	0.64	<0.5	0.20	0.21	163
40237635		0.23	4.9	9.6	2.12	27.6	2.33	1	374	0.3	0.36	0.64	<0.5	0.23	0.18	96
40237636		0.34	8.0	16.7	3.73	17.8	4.29	1	314	0.4	0.63	1.13	<0.5	0.34	0.34	130
40237637		0.22	6.7	13.0	2.94	10.8	3.43	1	296	0.3	0.53	0.85	<0.5	0.25	0.24	130
40237638		0.23	6.3	13.3	2.99	13.3	3.44	1	317	0.4	0.56	0.92	<0.5	0.28	0.22	177
40237639		0.20	5.8	12.0	2.69	12.9	3.16	1	318	0.3	0.44	0.84	<0.5	0.19	0.23	155
40237639 CRD		0.21	6.1	11.2	2.74	13.5	3.08	1	321	0.4	0.60	0.79	<0.5	0.27	0.19	152
40237640		0.10	2.1	4.8	1.26	6.2	1.39	1	112.5	0.1	0.23	0.72	<0.5	0.10	0.16	89
40237641		0.24	6.5	13.1	3.49	15.8	2.83	1	314	0.5	0.54	0.99	<0.5	0.22	0.31	157
40237642		0.24	7.8	16.0	3.77	17.0	3.98	1	307	0.5	0.63	1.34	<0.5	0.29	0.28	170
40237643		0.29	8.0	15.5	3.58	13.1	3.44	1	304	0.5	0.68	1.25	<0.5	0.31	0.34	183
40237644		0.31	9.6	16.4	3.68	13.5	3.72	1	311	0.5	0.67	1.28	<0.5	0.30	0.29	194
40237645		0.33	9.0	17.5	4.02	13.6	4.32	1	295	0.6	0.67	1.31	<0.5	0.30	0.30	196
40237646		0.32	8.7	17.0	4.02	13.3	4.04	1	287	0.5	0.66	1.37	<0.5	0.33	0.35	188
40237647		0.38	10.4	21.5	5.01	16.7	5.06	2	309	0.6	0.85	1.61	<0.5	0.41	0.42	234
40237648		0.31	8.8	17.2	4.02	16.8	3.86	1	333	0.5	0.69	1.30	<0.5	0.32	0.36	171
40237649		0.24	6.3	13.3	3.13	21.9	3.06	1	395	0.4	0.51	1.03	<0.5	0.25	0.24	138
40237650		0.11	2.1	5.8	1.42	5.5	1.37	<1	271	0.1	0.25	0.81	<0.5	0.12	0.13	149
40237651		0.16	4.8	10.2	2.27	23.9	2.30	1	423	0.3	0.35	0.74	<0.5	0.16	0.20	95
40237652		0.27	7.4	15.1	3.50	27.0	3.55	1	350	0.4	0.59	1.16	1.0	0.30	0.28	188

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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To: RIO TINTO EXPLORATION CANADA INC.
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Project: EB80000940

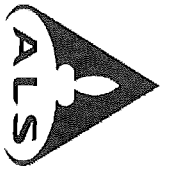
CERTIFICATE OF ANALYSIS TB13228474

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 AS ppm	ME-MS42 BI ppm	ME-MS42 HG ppm	ME-MS42 SB ppm	ME-MS42 SE ppm	ME-MS42 TE ppm	OA-GR405 LOI %	TOI-ICP06 Total %	ME-4ACD81 AG ppm	ME-4ACD81 AS ppm	ME-4ACD81 Cd ppm
40237615	<1	15.6	1.42	80	0.1	0.01	0.017	<0.05	0.6	0.02	0.02	2.05	100.78	<0.5	<5	<0.5
40237616	<1	13.2	1.33	74	<0.1	0.02	0.013	<0.05	0.7	0.03	0.03	1.53	98.62	<0.5	<5	<0.5
40237617	<1	11.2	1.02	53	<0.1	0.02	0.012	<0.05	0.8	0.04	0.04	1.86	100.85	<0.5	<5	0.7
40237618	<1	17.2	1.63	85	0.1	0.02	0.022	<0.05	0.7	0.03	0.03	2.85	100.40	<0.5	<5	0.6
40237619	<1	17.6	1.74	84	0.2	0.07	0.025	0.13	0.7	0.02	0.02	4.11	100.65	<0.5	<5	<0.5
40237619 CRD	<1	16.8	1.71	83	0.2	0.04	0.028	0.10	0.7	0.02	0.02	4.11	98.22	<0.5	<5	<0.5
40237620	<1	3.9	0.44	16	1.2	0.10	0.033	0.48	1.2	0.14	0.14	10.55	100.47	1.0	6	1.0
40237621	<1	11.1	1.12	54	<0.1	0.11	0.027	<0.05	1.0	0.06	0.06	1.97	99.28	<0.5	<5	<0.5
40237622	<1	14.6	1.39	77	0.2	0.11	0.038	0.15	1.9	0.11	0.11	3.77	100.38	0.5	5	<0.5
40237623	<1	10.7	1.10	60	0.1	0.23	0.026	0.06	1.6	0.09	0.09	1.41	98.83	<0.5	<5	<0.5
40237624	<1	21.7	2.06	127	3.7	0.53	0.020	0.10	2.6	0.18	0.18	3.08	97.76	0.5	<5	0.5
40237625	<1	15.4	1.57	85	0.2	0.32	0.020	0.07	2.1	0.13	0.13	2.95	98.45	0.5	5	<0.5
40237626	<1	16.6	1.53	78	0.7	0.37	0.299	0.46	2.2	0.15	0.15	5.99	97.56	0.5	<5	<0.5
40237627	<1	16.2	1.51	78	0.6	0.08	0.118	0.24	0.9	0.03	0.03	5.35	100.30	<0.5	<5	<0.5
40237628	<1	18.0	1.73	92	0.4	0.34	0.020	<0.05	2.8	0.15	0.15	2.03	101.15	0.9	<5	<0.5
40237629	<1	12.6	1.29	66	0.6	0.08	0.011	<0.05	1.0	0.03	0.03	1.64	101.16	<0.5	<5	<0.5
40237630	<1	9.3	0.68	32	0.2	0.01	<0.005	<0.05	0.6	0.01	0.01	0.56	99.06	<0.5	<5	<0.5
40237631	<1	15.3	1.48	81	0.3	0.48	0.011	0.22	2.9	0.16	0.16	2.05	100.01	0.7	<5	<0.5
40237632	<1	10.7	0.94	55	0.4	0.24	0.013	0.17	3.4	0.21	0.21	3.25	99.08	1.1	<5	0.5
40237633	<1	12.4	1.15	79	0.6	0.36	0.008	0.05	4.1	0.23	0.23	2.30	101.74	1.5	<5	0.7
40237634	<1	12.4	1.32	59	0.4	0.32	0.006	<0.05	3.9	0.24	0.24	1.62	101.97	1.5	<5	0.6
40237635	<1	12.2	1.26	55	<0.1	0.11	0.011	<0.05	1.9	0.09	0.09	2.54	100.17	0.6	<5	<0.5
40237636	<1	21.1	2.43	106	0.2	0.21	0.008	<0.05	2.7	0.16	0.16	1.36	100.59	0.8	<5	0.5
40237637	<1	16.6	1.51	85	<0.1	0.10	0.009	<0.05	1.6	0.10	0.10	1.18	99.10	0.5	<5	0.6
40237638	<1	16.6	1.57	86	0.5	0.20	0.008	<0.05	1.6	0.07	0.07	1.13	99.01	0.5	<5	<0.5
40237639	<1	14.9	1.27	80	0.3	0.11	0.011	0.06	1.4	0.06	0.06	1.25	100.78	<0.5	<5	<0.5
40237639 CRD	<1	15.0	1.43	80	0.5	0.11	0.005	0.09	1.4	0.06	0.06	1.24	101.61	<0.5	<5	<0.5
40237640	<1	6.6	0.48	30	7.5	1.07	0.011	0.28	10.0	2.14	2.14	8.75	98.78	2.0	5	0.9
40237641	<1	16.3	1.50	91	1.0	0.11	0.006	0.11	1.6	0.07	0.07	1.09	100.81	<0.5	5	<0.5
40237642	<1	18.6	2.05	105	0.3	0.11	0.012	<0.05	1.1	0.04	0.04	1.27	99.15	<0.5	6	<0.5
40237643	<1	20.4	2.02	109	0.2	0.03	0.005	<0.05	0.5	0.01	0.01	1.16	99.94	<0.5	<5	<0.5
40237644	<1	21.1	1.93	104	0.4	0.06	0.005	<0.05	0.6	0.01	0.01	0.97	99.16	<0.5	<5	<0.5
40237645	<1	22.4	2.02	105	0.4	0.04	0.006	<0.05	0.6	0.01	0.01	0.75	100.83	<0.5	5	<0.5
40237646	<1	22.1	2.10	121	0.5	0.14	0.008	0.11	1.5	0.07	0.07	1.11	99.71	<0.5	<5	<0.5
40237647	<1	26.7	2.44	150	0.4	0.11	0.009	<0.05	1.3	0.04	0.04	1.01	98.90	<0.5	<5	<0.5
40237648	<1	21.6	1.97	119	1.6	0.78	0.010	0.31	1.9	0.11	0.11	1.65	100.20	0.6	<5	<0.5
40237649	<1	16.5	1.53	84	0.4	0.18	0.009	<0.05	2.6	0.13	0.13	1.90	98.61	1.2	<5	<0.5
40237650	<1	7.5	0.74	29	0.3	0.01	0.006	<0.05	0.3	0.01	0.01	1.47	99.49	<0.5	<5	<0.5
40237651	<1	12.0	1.02	63	0.7	0.42	0.010	<0.05	3.6	0.17	0.17	2.06	101.77	1.2	<5	<0.5
40237652	<1	19.4	1.74	103	0.5	0.27	0.018	0.14	3.4	0.18	0.18	2.59	100.34	0.9	5	<0.5

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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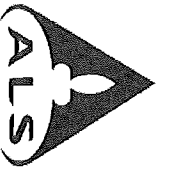
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	Ni-OG62 Ni %	Au-AA26 Au ppm	PGM-ICP27 Au ppm
40237615		64	247	40	<1	449	<2	18	113	0.006	0.0156	0.090	0.001	0.001		
40237616		74	311	30	<1	646	<2	13	111	0.013	0.0364	0.167	0.001	0.001		
40237617		102	421	20	<1	970	<2	13	123	0.012	0.0217	0.122	0.001	0.001		
40237618		70	393	50	<1	631	<2	16	90	0.010	0.0190	0.111	0.001	0.001		
40237619		64	399	80	<1	507	<2	18	111	0.009	0.0297	0.087	0.001	0.001		
40237619 CRD		67	392	80	<1	520	<2	18	112	0.010	0.0174	0.083	0.001	0.001		
40237620		141	549	<10	<1	1780	56	10	188	0.019	0.0068	0.004	0.001	0.001		
40237621		93	930	40	<1	1000	<2	13	181	0.025	0.0644	0.272	0.001	0.001		
40237622		79	1585	50	<1	1210	2	15	137	0.052	0.1005	0.599	0.001	0.001		
40237623		101	1515	30	<1	1540	<2	14	181	0.036	0.0809	0.479	0.001	0.001		
40237624		89	2660	40	<1	1730	3	17	104	0.058	0.1140	0.531	0.001	0.001		
40237625		88	1975	40	<1	1510	<2	16	95	0.042	0.0804	0.345	0.001	0.001		
40237626		81	2520	110	<1	1545	23	16	90	0.035	0.0763	0.361	0.001	0.001		
40237627		60	675	110	1	647	25	16	103	0.017	0.0375	0.167	0.001	0.001		
40237628		103	2500	40	<1	1775	34	18	121	0.042	0.1045	0.378	0.001	0.001		
40237629		62	723	40	<1	515	78	10	75	0.012	0.0171	0.092	0.001	0.001		
40237630		48	67	10	<1	63	19	31	62	0.001	<0.0005	0.001	0.001	0.001		
40237631		81	2820	30	1	1340	46	13	79	0.071	0.1235	0.742	0.001	0.001		
40237632		116	4200	40	<1	2140	28	11	111	0.078	0.1395	0.693	0.001	0.001		
40237633		90	4530	40	<1	2360	11	11	100	0.106	0.237	>1.00	0.001	0.001		0.11
40237634		93	3930	30	<1	2380	5	15	114	0.103	0.1945	>1.00	0.001	0.001		0.11
40237635		71	1765	50	<1	1230	3	12	87	0.042	0.0762	0.412	0.001	0.001		
40237636		64	2840	20	<1	1285	7	18	96	0.081	0.1590	0.809	0.001	0.001		
40237637		64	1460	20	<1	872	5	17	98	0.035	0.0715	0.341	0.001	0.001		
40237638		63	1560	10	<1	846	14	19	94	0.032	0.0724	0.265	0.001	0.001		
40237639		65	1270	20	<1	764	25	17	95	0.021	0.0396	0.207	0.001	0.001		
40237639 CRD		70	1390	10	<1	847	32	18	102	0.022	0.0444	0.213	0.001	0.001		
40237640		210	5280	20	3	6930	21	15	83	0.200	0.393	0.234	0.001	0.001		
40237641		71	1510	10	1	772	46	18	103	0.027	0.0624	0.230	0.001	0.001		
40237642		68	843	10	1	602	44	18	93	0.011	0.0295	0.092	0.001	0.001		
40237643		61	187	20	1	238	15	21	92	0.002	0.0016	0.013	0.001	0.001		
40237644		80	331	20	<1	267	5	23	96	0.005	0.0076	0.036	0.001	0.001		
40237645		56	132	30	<1	207	7	22	107	0.006	0.0138	0.040	0.001	0.001		
40237646		60	1220	30	<1	625	7	19	105	0.035	0.0618	0.276	0.001	0.001		
40237647		59	844	30	<1	430	8	24	109	0.016	0.0341	0.121	0.001	0.001		
40237648		77	1450	40	1	1170	11	16	112	0.043	0.0763	0.579	0.001	0.001		
40237649		64	2720	50	<1	1385	14	14	97	0.072	0.176	0.658	0.001	0.001		
40237650		34	90	10	<1	120	4	24	43	0.001	<0.0005	0.002	0.001	0.001		
40237651		100	4280	30	<1	2000	9	10	78	0.077	0.173	0.740	0.001	0.001		
40237652		96	3060	50	1	1630	9	19	98	0.072	0.197	0.742	0.001	0.001		

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237606 to 40237614 and 40237557 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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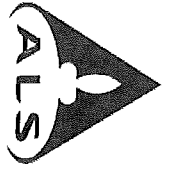
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	P&M-ICP27	
		Pt ppm	Pd ppm
40237615			
40237616			
40237617			
40237618			
40237619			
40237619 CRD			
40237620			
40237621			
40237622			
40237623			
40237624			
40237625			
40237626			
40237627			
40237628			
40237629			
40237630			
40237631			
40237632		0.30	1.23
40237633			
40237634		0.20	1.25
40237635			
40237636			
40237637			
40237638			
40237639			
40237639 CRD			
40237640			
40237641			
40237642			
40237643			
40237644			
40237645			
40237646			
40237647			
40237648			
40237649			
40237650			
40237651			
40237652			

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

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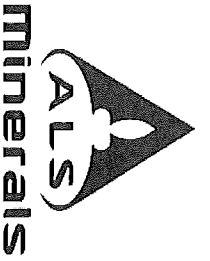
CERTIFICATE OF ANALYSIS TB13228474

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Total # Pages: 6 (A - F)
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Finalized Date: 10-JAN-2014
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Sample Description	Method Analyte Units LOR	WEI-21 Revid Wt. kg	GRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40237653		1.18	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
40237654		1.06			37.2	16.00	16.85	9.47	0.73	7.58	1.68	0.15	0.95	0.13	0.11	0.08
40237655		1.25			36.4	15.75	22.3	10.05	0.91	6.90	1.44	0.12	1.04	0.15	0.11	0.07
40237656		0.98			44.1	19.15	13.85	9.65	2.10	6.99	1.28	0.14	1.32	0.14	0.15	0.06
40237657		1.23			40.4	17.55	16.40	10.70	1.46	6.74	1.16	0.32	1.30	0.14	0.14	0.05
40237658		1.01			43.8	19.80	15.35	9.80	2.15	6.76	1.11	0.19	1.41	0.15	0.14	0.06
40237659		1.21			38.6	16.60	14.25	11.20	0.68	8.18	1.32	0.06	0.91	0.12	0.09	0.08
40237659 CRD		<0.02			44.0	21.9	10.20	9.29	1.61	6.53	2.35	0.03	0.73	0.11	0.09	0.12
40237660		0.16			44.2	22.0	10.20	9.39	1.62	6.50	2.33	0.03	0.74	0.11	0.09	0.12
40237661		1.12			36.1	3.15	13.95	2.09	0.21	32.5	0.11	0.61	0.27	0.17	0.03	0.01
40237662		1.05			46.2	21.8	10.05	8.25	2.22	6.77	1.56	0.03	0.63	0.11	0.08	0.07
40237663		0.97			43.7	19.50	12.30	7.04	1.72	7.32	2.42	0.03	0.78	0.13	0.08	0.09
40237664		0.84			41.0	20.4	7.98	10.00	0.36	8.60	2.99	0.02	0.62	0.11	0.07	0.09
40237665		0.97			37.6	16.85	17.40	7.27	0.75	6.86	2.82	0.23	1.01	0.12	0.26	0.08
40237666		1.22			42.2	19.70	12.00	8.28	1.45	7.35	1.90	0.18	0.80	0.11	0.10	0.07
40237667		1.11			45.9	20.2	10.10	8.59	1.98	8.45	1.48	0.04	0.70	0.11	0.08	0.07
40237668		0.83			42.6	17.20	14.90	6.63	1.48	7.13	2.55	0.06	1.00	0.13	0.13	0.11
40237668		0.83			42.3	19.10	11.35	4.84	0.37	9.37	4.56	0.03	0.55	0.14	0.07	0.13
40237669		1.13			39.4	12.65	21.0	5.47	1.26	7.08	2.58	0.06	1.42	0.15	0.08	0.08
40237670		0.48			51.4	15.80	9.12	10.40	2.44	7.27	0.29	0.01	0.67	0.14	0.07	0.04
40237671		0.80			44.0	19.50	12.90	5.79	1.66	6.59	2.90	0.03	0.55	0.11	0.07	0.14
40237672		1.21			41.7	17.80	16.75	7.01	1.72	6.13	1.31	0.03	0.68	0.10	0.08	0.06
40237673		0.90			44.9	19.10	11.40	7.36	1.87	6.22	1.62	0.03	0.95	0.11	0.10	0.07
40237674		1.10			48.1	19.60	9.31	8.07	2.15	6.06	1.16	0.03	0.85	0.10	0.04	0.04
40237675		0.59			52.0	16.40	11.45	5.83	2.02	6.12	1.46	0.03	1.18	0.12	0.19	0.05
40237676		1.17			52.0	14.60	12.95	7.53	2.14	5.33	0.69	0.02	1.92	0.15	0.33	0.05
40237677		1.66			49.9	14.80	14.50	8.93	2.27	6.16	0.45	0.01	1.86	0.17	0.21	0.03

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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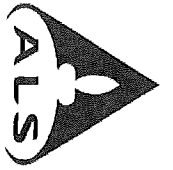
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-ICP06	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		BaO %	C %	S %	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm	La ppm
40237653		0.03	0.08	2.69	313	19.6	1090	2.99	2.21	1.30	0.88	15.7	2.69	2.0	0.47	9.1								
40237654		0.05	0.05	4.73	383	18.5	800	3.26	2.28	1.32	0.86	15.2	2.62	1.8	0.48	8.2								
40237655		0.03	0.02	1.22	218	25.0	960	2.43	3.21	1.79	1.18	19.1	3.47	2.6	0.65	11.4								
40237656		0.03	0.04	2.55	251	23.6	2230	2.42	2.97	1.72	1.08	18.7	3.33	2.4	0.65	10.5								
40237657		0.02	0.02	1.94	181.5	25.3	1310	2.19	3.24	1.88	1.28	19.5	3.69	3.0	0.68	11.3								
40237658		0.02	0.09	2.36	145.5	16.0	480	3.37	2.10	1.21	0.84	14.7	2.33	1.7	0.43	7.3								
40237659		0.05	0.06	0.82	412	15.7	210	4.00	1.84	1.04	0.90	18.3	2.04	1.5	0.40	7.3								
40237659 CRD		0.05	0.05	0.86	405	15.7	190	3.99	1.78	1.08	0.89	18.1	2.02	1.5	0.39	7.2								
40237660		0.09	0.22	0.39	745	6.6	4330	0.21	0.76	0.41	0.23	4.9	0.90	0.6	0.15	3.3								
40237661		0.03	0.03	0.59	253	14.5	200	4.12	1.55	0.85	0.83	18.8	1.76	1.6	0.32	6.7								
40237662		0.06	0.03	0.97	524	15.6	240	4.05	1.73	1.08	0.81	17.5	1.99	1.6	0.41	7.0								
40237663		0.05	0.04	0.51	421	13.2	160	7.67	1.44	0.88	0.83	18.6	1.75	1.3	0.31	6.2								
40237664		0.04	0.07	3.78	350	25.4	1690	4.65	3.16	1.62	1.10	19.3	3.71	2.3	0.64	11.0								
40237665		0.03	0.03	1.46	230	16.2	1250	5.79	2.08	1.26	0.86	18.3	2.22	1.7	0.45	7.3								
40237666		0.02	0.02	0.62	214	13.8	290	4.63	1.83	1.08	0.83	17.8	1.74	1.4	0.39	6.4								
40237667		0.07	0.03	2.29	644	22.5	390	4.47	3.07	1.82	1.20	17.9	3.09	2.6	0.61	10.4								
40237668		0.05	0.05	1.23	463	11.8	190	5.95	1.35	0.75	0.89	19.1	1.47	1.2	0.27	5.5								
40237669		0.07	0.06	3.39	639	40.7	490	4.38	5.26	2.99	1.55	17.8	5.72	4.4	1.12	17.9								
40237670		0.02	0.12	0.12	164.5	17.0	60	0.17	2.10	1.14	0.68	18.8	2.16	1.5	0.42	8.5								
40237671		0.09	0.03	1.78	842	12.3	200	6.95	1.52	0.91	0.92	18.1	1.60	1.2	0.32	5.6								
40237672		0.05	0.04	2.93	478	14.7	230	3.90	1.67	1.07	1.03	18.1	1.93	1.6	0.38	6.9								
40237673		0.09	0.06	0.97	853	20.3	230	4.21	2.45	1.33	1.06	19.1	2.51	2.0	0.49	9.5								
40237674		0.06	0.05	0.39	512	23.3	230	3.70	2.47	1.36	1.14	19.4	2.58	2.0	0.48	10.9								
40237675		0.08	0.06	0.32	702	41.6	190	4.12	3.26	1.82	1.97	20.0	3.67	3.8	0.69	19.6								
40237676		0.04	0.04	0.14	330	38.7	110	1.78	3.98	2.13	2.13	20.4	4.87	2.5	0.83	16.9								
40237677		0.02	0.03	0.04	217	33.8	100	3.45	5.06	2.87	1.68	20.9	4.89	3.5	1.04	14.6								

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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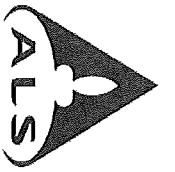
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm					
40237653	0.17	5.2	10.7	2.52	57.4	2.53	680	0.3	0.40	0.78	1.0	0.21	0.21	120						
40237654	0.18	5.1	10.2	2.41	42.9	2.32	589	0.3	0.39	0.74	1.2	0.19	0.19	128						
40237655	0.24	7.2	14.3	3.29	43.2	3.34	534	0.4	0.59	1.02	0.7	0.26	0.30	158						
40237656	0.25	6.4	13.1	3.11	39.1	3.15	441	0.4	0.52	1.02	0.9	0.26	0.26	208						
40237657	0.28	7.1	14.3	3.30	36.5	3.19	485	0.4	0.55	1.13	0.5	0.32	0.32	198						
40237658	0.18	4.5	9.1	2.13	44.3	2.03	730	0.3	0.36	0.66	1.3	0.17	0.16	120						
40237659	0.14	4.1	9.0	2.01	80.4	2.12	1025	0.2	0.34	0.66	1.1	0.17	0.15	84						
40237659 CRD	0.15	4.2	9.1	2.03	78.2	1.84	1005	0.3	0.33	0.66	1.1	0.16	0.15	83						
40237660	0.07	1.4	3.5	0.85	3.5	0.78	51.8	<0.1	0.12	0.55	<0.5	0.06	0.15	43						
40237661	0.13	3.3	7.7	1.85	53.8	1.65	629	0.2	0.28	0.77	0.7	0.13	0.24	78						
40237662	0.14	3.7	8.5	1.97	78.0	2.00	714	0.2	0.31	0.84	1.4	0.15	0.34	121						
40237663	0.11	3.5	7.2	1.68	92.2	1.73	724	0.2	0.26	0.57	0.7	0.13	0.12	68						
40237664	0.22	5.5	14.9	3.43	93.3	3.33	631	0.3	0.53	1.13	3.0	0.25	0.40	133						
40237665	0.18	4.4	9.4	2.25	64.5	2.17	590	0.3	0.37	0.67	3.2	0.17	0.19	122						
40237666	0.16	4.0	7.9	1.85	47.8	1.82	597	0.2	0.31	0.54	1.9	0.14	0.11	91						
40237667	0.25	7.0	12.7	3.06	83.8	3.12	914	0.4	0.54	0.96	2.0	0.24	0.24	129						
40237668	0.11	3.3	6.6	1.55	99.9	1.49	1120	0.2	0.24	0.46	1.8	0.11	0.12	69						
40237669	0.45	10.3	23.4	5.52	82.3	5.50	679	0.6	0.93	1.93	1.5	0.44	0.58	288						
40237670	0.15	3.4	8.9	2.21	7.1	2.21	336	0.2	0.36	1.25	<0.5	0.17	0.23	214						
40237671	0.13	3.2	6.8	1.59	98.2	1.59	1195	0.2	0.27	0.60	1.4	0.13	0.19	96						
40237672	0.17	4.4	8.4	1.99	47.0	2.01	538	0.2	0.31	0.65	2.2	0.15	0.31	133						
40237673	0.20	5.6	11.2	2.73	64.0	2.49	573	0.3	0.44	0.98	2.4	0.18	0.33	127						
40237674	0.17	5.7	12.7	3.00	45.6	2.75	352	0.3	0.40	1.64	1.7	0.21	0.62	112						
40237675	0.30	11.8	20.6	5.37	59.7	4.18	448	0.8	0.57	3.72	1.0	0.27	2.07	188						
40237676	0.31	12.2	23.1	5.46	23.9	5.49	421	0.8	0.74	2.41	<0.5	0.31	1.31	291						
40237677	0.42	9.7	19.9	4.54	18.0	5.16	291	0.6	0.81	1.67	<0.5	0.41	0.59	309						

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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Project: EB80000940

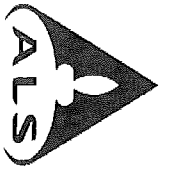
CERTIFICATE OF ANALYSIS TB13228474

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	QA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237653	<1	12.8	1.23	72	6.9	1.02	0.027	0.41	5.0	0.28	5.68	96.64	1.8	9	0.7	
40237654	<1	12.8	1.10	65	6.0	1.13	0.023	0.62	6.9	0.29	5.69	100.98	1.6	12	0.8	
40237655	<1	18.1	1.71	90	2.8	0.39	0.011	0.11	2.9	0.14	2.15	101.11	1.0	<5	0.5	
40237656	<1	17.0	1.54	86	3.0	0.51	0.020	0.26	4.0	0.16	4.10	100.49	0.9	10	<0.5	
40237657	<1	18.1	1.69	105	8.2	1.04	0.018	0.30	5.1	0.39	1.90	101.44	1.9	7	0.6	
40237658	1	11.8	1.10	59	10.2	0.82	0.021	0.24	3.2	0.25	5.84	97.95	1.8	12	0.8	
40237659	<1	10.5	0.98	52	6.5	0.40	0.021	0.19	1.2	0.07	3.66	100.67	<0.5	8	<0.5	
40237659 CRD	<1	10.3	0.95	51	6.8	0.37	0.017	0.19	1.2	0.07	3.69	101.07	<0.5	11	<0.5	
40237660	<1	4.1	0.38	18	1.1	0.10	0.023	0.45	1.1	0.13	10.65	99.94	0.8	5	0.8	
40237661	<1	8.7	0.80	61	6.9	0.39	0.014	0.26	0.9	0.07	2.63	100.43	<0.5	9	<0.5	
40237662	<1	10.0	0.92	56	10.7	0.68	0.026	0.40	1.3	0.08	3.54	98.71	<0.5	12	<0.5	
40237663	<1	8.5	0.70	44	1.7	0.19	0.030	0.14	1.8	0.06	6.84	99.13	0.6	8	<0.5	
40237664	<1	17.7	1.56	82	26.9	0.68	0.122	0.89	4.9	0.16	7.19	98.48	0.6	36	0.6	
40237665	<1	11.7	1.02	60	0.6	0.47	0.031	0.08	2.9	0.14	4.40	98.57	0.9	<5	0.7	
40237666	1	9.9	0.98	48	0.3	0.31	0.018	0.05	1.4	0.06	2.76	100.48	0.5	<5	<0.5	
40237667	<1	16.7	1.56	91	11.7	1.00	0.043	0.53	3.6	0.19	4.45	98.44	1.4	16	0.9	
40237668	<1	7.6	0.75	39	7.6	0.99	0.086	0.26	2.7	0.15	6.72	99.58	1.0	5	0.5	
40237669	<1	29.1	2.68	164	16.0	0.71	0.062	0.46	4.4	0.15	5.53	96.98	0.7	17	0.5	
40237670	<1	10.9	1.05	48	0.2	0.01	<0.005	<0.05	0.3	<0.01	0.95	98.62	<0.5	<5	<0.5	
40237671	<1	8.5	0.71	36	15.6	1.05	0.042	0.57	2.8	0.16	5.16	99.49	1.1	13	1.0	
40237672	<1	9.8	0.89	53	20.1	0.88	0.059	0.60	3.4	0.15	4.78	98.20	1.0	22	1.1	
40237673	<1	13.2	1.28	71	11.6	0.70	0.052	0.37	1.6	0.09	4.21	98.03	0.5	13	0.6	
40237674	1	13.4	1.33	74	2.7	0.34	0.035	0.20	1.1	0.07	3.71	99.34	0.5	<5	0.5	
40237675	1	17.5	1.79	139	16.8	0.54	0.032	0.70	1.3	0.07	3.31	100.24	<0.5	14	0.5	
40237676	1	21.5	2.07	87	8.7	0.09	0.011	0.47	0.8	0.02	1.81	99.56	<0.5	6	<0.5	
40237677	<1	27.3	2.47	133	6.8	0.05	0.009	0.53	0.7	0.02	1.87	101.18	<0.5	<5	<0.5	

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

**** See Appendix Page for comments regarding this certificate ****



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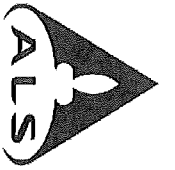
Project: EB880000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PGM-MS24	PGM-MS24	PGM-MS24	PGM-MS24	PGM-MS24	Cu-OG62	Ni-OG62	Au-AA26	PGM-ICP27
		Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Zn ppm	Au ppm	Pt ppm	Pd ppm	Cu %	Ni %	Au ppm	Au ppm	Cu %	Ni %	Au ppm	Au ppm
40237653		196	7710	130	1	3020	10	93	0.094	0.0935	0.792									
40237654		295	7700	130	2	4410	12	95	0.074	0.0529	0.946									
40237655		111	2660	40	1	1630	7	92	0.051	0.0781	0.529									
40237656		181	4460	70	2	2610	9	99	0.058	0.0485	0.647									
40237657		133	5530	20	3	2510	14	97	0.131	0.301	>1.00									0.12
40237658		162	3170	140	5	1785	16	80	0.076	0.0892	0.515									
40237659		78	1010	90	2	671	12	67	0.021	0.0408	0.130									
40237659 CRD		82	1035	90	1	694	12	67	0.022	0.0366	0.115									
40237660		139	567	<10	2	1800	66	197	0.016	0.0061	0.004									
40237661		70	626	30	<1	494	12	71	0.014	0.0256	0.080									
40237662		101	1090	80	2	748	14	87	0.023	0.0367	0.114									
40237663		59	1740	270	<1	1030	13	56	0.034	0.0621	0.350									
40237664		185	2980	130	2	2160	17	97	0.048	0.0682	0.387									
40237665		116	3190	120	<1	1855	11	92	0.056	0.0982	0.515									
40237666		86	1570	90	1	1125	6	72	0.030	0.0382	0.226									
40237667		170	3650	120	4	1855	18	119	0.073	0.108	0.373									
40237668		139	2780	380	2	1620	11	88	0.034	0.0509	0.266									
40237669		257	3460	130	7	1975	13	88	0.027	0.0543	0.166									
40237670		45	63	<10	1	53	2	58	0.001	0.0005	0.001									
40237671		145	2250	130	3	1310	9	84	0.046	0.0769	0.264									
40237672		210	2430	70	10	1475	26	121	0.038	0.0420	0.209									
40237673		95	1190	80	2	735	14	88	0.026	0.0438	0.135									
40237674		57	1130	50	2	481	11	85	0.021	0.0386	0.120									
40237675		62	790	70	8	467	19	120	0.020	0.0311	0.094									
40237676		47	280	40	2	137	8	130	0.005	0.0075	0.017									
40237677		48	195	30	1	121	8	121	0.005	0.0067	0.011									

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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 Plus Appendix Pages
 Finalized Date: 10-JAN-2014
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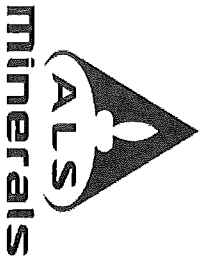
Project: EB80000940

CERTIFICATE OF ANALYSIS TB13228474

Sample Description	Method Analyte Units LOR	Pt ppm 0.03	Pd ppm 0.03
40237653			
40237654			
40237655			
40237656			
40237657		0.41	1.20
40237658			
40237659			
40237659 CRD			
40237660			
40237661			
40237662			
40237663			
40237664			
40237665			
40237666			
40237667			
40237668			
40237669			
40237670			
40237671			
40237672			
40237673			
40237674			
40237675			
40237676			
40237677			

Comments: **Corrected Copy for ME-4ACD81 on Samples 40237656 to 40237665 and S-IR08 on Samples 40237506 to 40237514 and 40237537 to 40237557**

***** See Appendix Page for comments regarding this certificate *****



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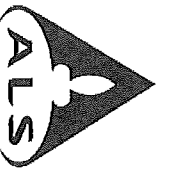
Page: Appendix 1
 Total # Appendix Pages: 1
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Project: EB80000940
CERTIFICATE OF ANALYSIS TB13228474

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-22 PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	CRU-QC PUL-32 SPL-21d	LOG-21d PUL-32d WEI-21
Applies to Method: Au-AA26 ME-ICP06 Ni-OG62 S-IR08	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. C-IR07 ME-MS42 OA-GRA05 TOT-ICP06	Cu-OG62 ME-MS81 PGM-ICP27	ME-4ACD81 ME-OG62 PGM-MS24



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 Finalized Date: 17-JAN-2014
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CERTIFICATE TB13228475

Project: EB80000941
 P.O. No.: 3101202290
 This report is for 81 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-DEC-2013.
 The following have access to data associated with this certificate:
 SUE DRIEBERG DAN FOLEY JENNY GOLDNER
 BRIAN GOLDNER JENNY GOLDNER BRIAN GOLDNER
 JAY HAMMITT

To: RIO TINTO EXPLORATION CANADA INC.
 ATTN: JENNY GOLDNER
 224 NORTH 2200 WEST
 SALT LAKE CITY UT 84116
 USA

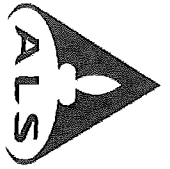
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-04	Store in air evacuated bags
LOG-21d	Sample logging - ClientBarcode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
CRU-OC	Crushing QC Test
PUL-OC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (leco)	LECO
S-IR08	Total Sulphur (leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

ANALYTICAL PROCEDURES

Signature:
 Colin Ramshaw, Vancouver Laboratory Manager



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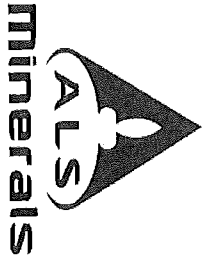
Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

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Table with columns: Sample Description, Method Analyte Units, WEI-21 Recvd Wt. Kg, CRU-QC Passzmm %, PUL-QC Pass75um %, ME-ICP06 SiO2 %, ME-ICP06 Al2O3 %, ME-ICP06 Fe2O3 %, ME-ICP06 CaO %, ME-ICP06 Na2O %, ME-ICP06 MgO %, ME-ICP06 K2O %, ME-ICP06 Cr2O3 %, ME-ICP06 TiO2 %, ME-ICP06 MnO %, ME-ICP06 P2O5 %, ME-ICP06 SiO %.

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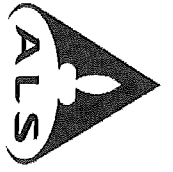
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Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO %	C-IR07 C %	S-IR08 S %	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm	ME-MS81 La ppm
40237900	0.02	0.10	0.11	0.08	158.0	15.8	60	0.19	2.22	1.04	0.68	15.9	1.78	1.3	0.42	7.8
40237901	0.01	0.04	0.05	0.22	106.5	20.7	3210	5.28	3.17	1.44	1.03	17.0	3.13	2.4	0.60	9.0
40237902	0.01	0.03	0.04	0.05	115.0	18.8	6340	3.87	2.72	1.55	1.07	17.8	2.64	2.2	0.53	8.3
40237903	0.01	0.03	0.05	0.05	124.5	23.2	470	4.64	3.63	2.12	1.47	17.2	3.66	2.8	0.81	9.9
40237904	0.01	0.04	0.04	0.04	129.0	23.6	2700	5.20	3.46	1.81	1.14	17.4	3.19	2.3	0.70	10.2
40237905	0.01	0.05	0.08	0.22	76.8	11.6	400	5.42	1.57	0.70	0.66	14.7	1.48	1.2	0.32	5.1
40237906	0.01	0.03	0.22	0.22	112.5	18.9	1130	3.67	3.06	1.58	0.95	15.2	2.53	2.1	0.65	8.1
40237907	0.02	0.04	0.05	0.05	150.0	26.1	600	3.96	3.45	2.10	1.26	16.4	3.33	3.0	0.71	11.6
40237908	0.04	0.04	0.19	0.05	327	185.0	30	4.77	23.0	12.70	6.01	32.9	23.9	9.5	4.69	79.7
40237909	0.02	0.05	0.05	0.05	157.0	35.5	1710	4.42	4.96	2.70	1.44	18.3	4.52	3.7	1.01	15.3
40237910	0.08	0.22	0.38	0.38	685	5.8	4470	0.26	0.82	0.35	0.31	4.7	0.71	0.6	0.15	2.7
40237911	0.01	0.05	0.04	0.04	112.5	17.9	3810	4.86	2.49	1.26	0.90	17.1	2.56	1.9	0.50	7.7
40237912	0.01	0.05	0.06	0.06	109.5	21.2	3990	5.61	2.90	1.69	1.14	18.0	3.16	2.4	0.64	9.1
40237913	0.02	0.03	0.10	0.10	183.5	36.9	2100	3.01	5.71	2.99	1.69	20.1	5.24	4.2	1.18	16.2
40237914	0.01	0.04	0.77	0.77	101.5	17.4	630	6.76	2.31	1.12	0.97	16.8	2.59	1.9	0.51	7.5
40237915	0.01	0.05	0.71	0.71	94.8	15.8	510	6.22	2.25	1.46	1.01	15.6	2.30	1.7	0.46	6.9
40237916	0.02	0.03	0.07	0.07	179.5	23.2	950	4.72	2.91	1.68	1.07	17.4	2.87	2.3	0.65	10.6
40237917	0.09	0.12	0.06	0.06	796	21.7	1260	3.60	3.12	1.52	1.12	16.5	3.41	2.6	0.72	9.2
40237918	0.09	0.11	0.07	0.07	690	16.7	770	2.95	2.69	1.67	1.06	15.1	2.41	1.9	0.55	7.2
40237919	0.06	0.05	0.03	0.03	552	17.0	330	3.02	2.62	1.62	1.02	16.0	2.77	2.0	0.73	7.4
40237919 CRD	0.07	0.04	0.03	0.03	551	16.8	330	2.88	2.22	1.40	0.93	16.0	2.41	1.9	0.50	7.4
40237920	0.02	0.11	0.11	0.11	161.5	15.5	60	0.16	2.00	1.05	0.76	16.9	1.99	1.4	0.38	7.6
40237921	0.14	0.32	0.04	0.04	1200	21.6	360	2.81	3.12	1.54	1.06	15.5	3.06	2.1	0.56	10.0
40237922	0.14	0.14	0.23	0.23	1270	22.0	780	3.23	2.75	1.60	1.03	15.4	2.95	2.1	0.57	10.0
40237923	0.02	0.02	0.96	0.96	140.5	20.3	730	2.22	2.81	1.60	1.03	15.9	3.02	2.0	0.58	9.1
40237924	0.02	0.02	0.85	0.85	138.5	23.0	440	1.95	3.20	1.80	1.11	16.6	3.43	2.5	0.65	10.3
40237925	0.01	0.02	0.59	0.59	119.5	18.8	940	1.99	2.55	1.46	1.00	16.1	2.70	1.9	0.53	8.4
40237926	0.01	0.02	1.53	1.53	116.5	21.2	590	2.33	3.06	1.77	1.06	14.7	3.34	2.3	0.59	9.4
40237927	0.01	0.03	1.62	1.62	110.0	19.3	380	2.74	2.91	1.58	1.02	15.6	2.82	2.0	0.57	8.8
40237928	0.01	0.02	2.25	2.25	127.0	23.4	350	2.67	3.20	1.83	1.12	16.1	3.40	2.5	0.63	10.4
40237929	0.01	0.01	1.23	1.23	107.5	17.7	340	1.85	2.47	1.36	1.02	15.3	2.65	1.7	0.54	7.9
40237930	0.01	0.15	2.47	2.47	96.9	9.5	2060	0.77	1.20	0.66	0.39	6.6	1.26	0.8	0.24	4.5
40237931	0.01	0.01	2.77	2.77	111.5	20.6	290	1.93	2.85	1.61	1.07	14.6	2.90	2.4	0.55	9.2
40237932	0.01	0.01	2.02	2.02	112.5	21.0	520	1.54	2.84	1.60	0.96	15.9	3.12	2.2	0.57	9.4
40237933	0.01	0.01	1.83	1.83	109.0	16.7	2510	1.62	2.44	1.49	1.02	16.5	2.53	1.9	0.49	7.5
40237934	0.01	0.01	0.69	0.69	123.5	21.8	1770	1.75	3.01	1.72	1.16	17.2	3.14	2.4	0.60	9.8
40237935	0.02	0.02	1.01	1.01	167.5	29.7	540	1.73	3.86	2.31	1.27	17.9	4.44	3.3	0.83	13.4
40237936	0.02	0.02	0.52	0.52	136.0	26.6	560	1.54	3.48	1.98	1.18	17.3	3.76	2.7	0.73	12.0
40237937	0.02	0.02	1.08	1.08	127.0	21.0	2860	1.60	2.91	1.75	1.11	17.7	3.06	2.1	0.56	9.4
40237938	0.02	0.02	0.40	0.40	133.0	22.8	2320	1.59	3.20	1.85	1.25	18.5	3.52	2.3	0.66	10.1



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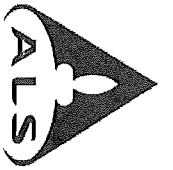
Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

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Sample Description	Method Analyte Units	ME-MSB1 Lu ppm	ME-MSB1 Nb ppm	ME-MSB1 Nd ppm	ME-MSB1 Pr ppm	ME-MSB1 Rb ppm	ME-MSB1 Sm ppm	ME-MSB1 Sn ppm	ME-MSB1 Sr ppm	ME-MSB1 Ta ppm	ME-MSB1 Tb ppm	ME-MSB1 Th ppm	ME-MSB1 Tl ppm	ME-MSB1 Tm ppm	ME-MSB1 U ppm	ME-MSB1 V ppm
40237900		0.14	3.1	8.3	1.91	7.5	1.70	<1	308	0.2	0.34	1.21	<0.5	0.14	0.18	193
40237901		0.22	5.8	12.3	2.68	7.5	2.44	1	268	0.3	0.45	0.95	<0.5	0.27	0.22	178
40237902		0.15	5.7	11.0	2.53	7.8	2.68	1	287	0.3	0.42	0.65	<0.5	0.26	0.18	131
40237903		0.35	6.8	13.0	3.21	8.5	3.09	1	272	0.4	0.67	0.98	<0.5	0.41	0.38	167
40237904		0.24	6.9	13.0	3.16	9.9	3.18	1	271	0.4	0.49	0.97	<0.5	0.28	0.23	170
40237905		0.12	3.0	6.6	1.47	7.0	1.70	<1	275	0.2	0.20	0.48	<0.5	0.14	0.14	74
40237906		0.22	5.0	10.0	2.47	7.1	2.59	1	264	0.3	0.40	0.79	<0.5	0.24	0.23	141
40237907		0.30	7.5	15.1	3.40	10.0	3.59	1	303	0.5	0.54	1.05	<0.5	0.29	0.31	147
40237908		1.86	36.0	102.5	24.0	24.7	23.7	6	321	2.1	3.71	7.23	<0.5	1.80	2.03	89
40237909		0.37	9.2	20.3	4.69	11.6	4.62	1	317	0.6	0.75	1.48	<0.5	0.37	0.76	164
40237910		0.09	1.3	3.4	0.75	3.4	0.70	1	53.1	0.1	0.12	0.44	<0.5	0.07	0.16	22
40237911		0.18	5.0	10.3	2.25	8.1	2.35	1	307	0.3	0.43	0.74	<0.5	0.21	0.22	124
40237912		0.23	6.3	11.7	2.88	8.2	2.94	1	280	0.3	0.50	0.88	<0.5	0.25	0.23	132
40237913		0.42	11.1	21.0	4.87	12.4	5.42	1	316	0.7	0.83	1.63	<0.5	0.46	0.48	175
40237914		0.23	5.2	9.6	2.35	8.7	2.12	1	306	0.4	0.41	0.74	<0.5	0.27	0.22	118
40237915		0.20	4.6	8.3	2.07	8.2	2.00	1	287	0.3	0.43	0.63	<0.5	0.20	0.22	116
40237916		0.28	7.0	12.8	3.15	20.5	3.18	1	322	0.5	0.55	1.11	<0.5	0.30	0.37	130
40237917		0.28	6.3	12.5	2.84	52.5	3.14	1	484	0.4	0.57	1.00	1.8	0.30	0.29	160
40237918		0.26	5.1	9.0	2.20	40.4	2.30	1	392	0.4	0.44	0.65	0.5	0.28	0.22	137
40237919		0.45	5.0	10.4	2.52	28.4	2.66	1	520	0.4	0.55	0.93	0.8	0.43	0.42	104
40237919 CRD		0.15	5.1	9.2	2.21	28.5	2.31	1	519	0.3	0.41	0.67	0.7	0.19	0.19	107
40237920		0.12	3.0	7.9	1.99	7.1	1.76	<1	335	0.2	0.33	1.09	<0.5	0.17	0.19	192
40237921		0.22	6.0	11.9	2.79	54.0	2.89	1	478	0.4	0.44	0.96	0.8	0.23	0.23	118
40237922		0.22	6.3	12.3	2.85	67.1	2.84	1	411	0.5	0.47	1.01	0.8	0.24	0.23	133
40237923		0.22	5.8	11.5	2.66	15.8	3.15	2	307	0.4	0.47	0.79	<0.5	0.23	0.23	120
40237924		0.25	6.9	13.2	3.03	14.9	3.25	1	342	0.5	0.53	0.93	<0.5	0.27	0.20	143
40237925		0.19	5.4	11.1	2.48	10.9	2.65	1	310	0.4	0.43	0.78	<0.5	0.20	0.23	135
40237926		0.25	6.0	12.0	2.73	12.3	3.09	1	313	0.4	0.53	1.02	<0.5	0.27	0.60	150
40237927		0.24	6.0	11.3	2.55	9.4	2.79	1	293	0.4	0.46	0.86	<0.5	0.21	0.23	134
40237928		0.28	6.7	13.3	3.04	7.8	3.36	2	262	0.4	0.57	1.04	<0.5	0.28	0.24	151
40237929		0.20	5.2	10.1	2.39	8.0	2.51	1	294	0.3	0.41	0.71	<0.5	0.22	0.18	123
40237930		0.10	1.8	4.9	1.17	5.9	1.27	2	107.5	0.1	0.19	0.73	<0.5	0.08	0.17	130
40237931		0.23	6.2	11.9	2.67	8.0	2.75	2	273	0.4	0.49	0.88	<0.5	0.24	0.21	123
40237932		0.20	5.9	12.3	2.76	7.1	2.83	1	298	0.4	0.44	0.95	<0.5	0.23	0.23	124
40237933		0.17	5.0	9.6	2.23	8.3	2.47	1	297	0.3	0.40	0.67	<0.5	0.19	0.16	155
40237934		0.23	6.1	12.5	2.84	8.4	3.12	1	296	0.4	0.49	0.86	<0.5	0.26	0.20	177
40237935		0.33	8.9	17.3	3.90	12.6	4.07	1	285	0.6	0.68	1.20	<0.5	0.34	0.29	172
40237936		0.29	7.7	15.1	3.44	7.9	3.58	1	285	0.5	0.60	1.08	<0.5	0.26	0.26	152
40237937		0.22	6.1	12.3	2.75	9.8	2.87	1	298	0.4	0.47	0.86	<0.5	0.23	0.21	166
40237938		0.24	7.0	13.4	3.01	10.9	3.24	1	308	0.5	0.52	0.94	<0.5	0.27	0.21	206

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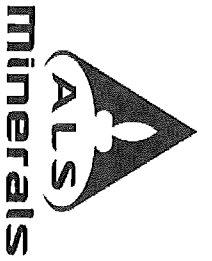
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Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 As ppm	ME-MS42 Bi ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237900	<1	10.0	0.83	0.03	45	0.3	0.02	<0.005	<0.05	0.2	<0.01	0.78	99.15	<0.5	<5	<0.5
40237901	<1	15.7	1.39	0.03	84	0.3	0.01	<0.005	<0.05	0.4	0.01	3.84	101.81	<0.5	<5	<0.5
40237902	<1	14.4	1.42	0.03	72	0.1	0.01	<0.005	<0.05	0.4	0.01	2.06	101.66	<0.5	5	<0.5
40237903	<1	18.5	1.92	0.03	94	0.1	0.01	<0.005	<0.05	0.4	0.01	2.78	99.91	<0.5	<5	<0.5
40237904	<1	17.4	1.88	0.03	96	0.1	0.01	<0.005	<0.05	0.4	0.01	3.80	98.00	<0.5	<5	<0.5
40237905	<1	8.2	0.85	0.03	44	0.3	0.07	0.006	<0.05	0.5	0.02	2.95	100.47	<0.5	<5	<0.5
40237906	<1	14.6	1.44	0.03	75	0.2	0.12	<0.005	<0.05	1.4	0.13	1.71	100.98	<0.5	<5	<0.5
40237907	<1	19.1	2.12	0.03	105	0.5	0.01	<0.005	<0.05	0.4	0.01	2.79	99.44	<0.5	<5	<0.5
40237908	1	121.0	11.15	0.03	331	1.3	0.03	<0.005	0.07	1.5	0.02	2.27	100.77	<0.5	5	<0.5
40237909	<1	25.2	2.60	0.03	139	0.3	0.01	<0.005	<0.05	0.5	0.01	2.96	100.60	<0.5	<5	<0.5
40237910	<1	4.1	0.45	0.03	20	1.2	0.12	0.019	0.56	1.1	0.12	10.75	101.52	1.5	6	0.8
40237911	<1	12.9	1.24	0.03	70	0.3	0.01	<0.005	<0.05	0.3	0.01	3.18	101.05	<0.5	<5	<0.5
40237912	<1	16.7	1.50	0.03	85	0.1	0.01	<0.005	<0.05	0.4	0.01	3.38	100.44	<0.5	<5	<0.5
40237913	<1	28.0	2.76	0.03	154	0.2	0.01	<0.005	<0.05	0.5	0.01	2.19	101.83	<0.5	5	<0.5
40237914	<1	12.8	1.25	0.03	67	0.3	0.13	0.007	<0.05	1.8	0.08	3.52	99.64	0.8	<5	<0.5
40237915	<1	11.9	1.25	0.03	58	0.1	0.25	0.009	<0.05	1.4	0.07	3.78	100.23	0.6	<5	<0.5
40237916	<1	16.8	1.69	0.03	89	0.2	0.01	0.011	<0.05	0.4	<0.01	2.90	99.91	<0.5	<5	<0.5
40237917	<1	17.3	1.62	0.03	88	0.3	0.02	0.022	<0.05	0.4	0.01	4.66	101.88	<0.5	<5	<0.5
40237918	<1	13.5	1.39	0.03	65	0.3	0.01	0.017	<0.05	0.4	0.01	3.89	101.54	<0.5	<5	<0.5
40237919	<1	12.4	1.47	0.03	65	<0.1	0.01	0.015	<0.05	0.4	<0.01	5.75	98.63	<0.5	5	<0.5
40237919 CRD	<1	12.0	1.15	0.03	67	0.1	0.01	0.016	<0.05	0.4	0.01	5.35	101.71	<0.5	<5	<0.5
40237920	<1	9.9	0.91	0.03	47	<0.1	0.01	<0.005	<0.05	0.4	<0.01	0.69	99.63	<0.5	<5	<0.5
40237921	<1	14.8	1.34	0.03	85	0.2	0.01	0.026	<0.05	0.7	0.01	6.04	97.96	<0.5	<5	<0.5
40237922	<1	15.5	1.41	0.03	79	0.9	0.06	0.044	0.08	1.1	0.04	5.43	99.39	<0.5	7	<0.5
40237923	<1	15.6	1.51	0.03	79	0.9	0.25	0.014	<0.05	4.0	0.23	1.56	99.41	1.3	5	<0.5
40237924	<1	17.6	1.66	0.03	94	0.1	0.26	0.005	<0.05	3.6	0.19	1.18	99.93	1.1	5	<0.5
40237925	<1	14.1	1.35	0.03	75	<0.1	0.20	<0.005	<0.05	2.3	0.11	1.12	99.75	0.8	5	<0.5
40237926	<1	16.3	1.43	0.03	86	0.5	0.55	<0.005	0.09	7.1	0.54	1.47	99.26	2.5	6	<0.5
40237927	<1	14.9	1.41	0.03	81	0.4	0.52	<0.005	<0.05	8.6	0.53	1.62	98.45	3.8	<5	<0.5
40237928	<1	17.4	1.63	0.03	90	0.7	0.57	<0.005	<0.05	11.5	0.82	1.48	97.17	4.0	<5	0.7
40237929	<1	13.3	1.22	0.03	66	0.5	0.40	<0.005	<0.05	5.7	0.34	1.34	98.97	2.3	<5	<0.5
40237930	<1	6.5	0.61	0.03	30	7.9	1.08	<0.005	0.18	10.4	2.14	8.62	98.25	2.6	7	0.7
40237931	<1	15.1	1.40	0.03	94	1.0	1.13	<0.005	0.07	12.0	0.78	1.67	94.62	5.1	5	0.6
40237932	<1	15.3	1.45	0.03	81	1.9	0.67	<0.005	0.09	6.9	0.43	1.39	97.61	2.7	<5	<0.5
40237933	<1	13.0	1.36	0.03	72	2.5	0.35	<0.005	<0.05	5.6	0.36	1.42	98.72	1.8	7	<0.5
40237934	<1	16.0	1.54	0.03	93	2.0	0.13	<0.005	<0.05	2.1	0.08	0.72	99.31	0.7	7	<0.5
40237935	<1	21.8	2.13	0.03	122	3.9	0.20	<0.005	0.05	2.8	0.10	1.08	100.06	0.8	<5	0.5
40237936	<1	19.1	1.90	0.03	106	3.3	0.18	<0.005	<0.05	1.9	0.07	1.08	98.57	<0.5	<5	<0.5
40237937	<1	15.6	1.49	0.03	81	3.0	0.30	<0.005	<0.05	3.0	0.14	1.30	100.88	0.8	<5	<0.5
40237938	<1	17.7	1.68	0.03	86	0.5	0.11	<0.005	<0.05	2.0	0.10	0.92	99.24	0.6	<5	<0.5



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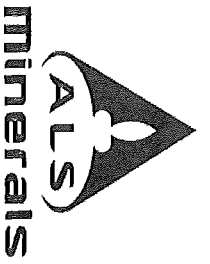
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 Finalized Date: 17-JAN-2014
 Account: KAV

Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Sc ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-OG62 Cu %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm	PGM-ICP27 Pd ppm
40237900	49	61	<10	<1	51	5	25	63	0.002	<0.0005	<0.001	0.027				
40237901	59	121	10	<1	392	2	15	90	0.003	0.0113	0.063					
40237902	61	125	10	<1	418	<2	15	93	0.004	0.0162	0.063					
40237903	53	135	10	<1	310	2	19	84	0.003	0.0054	0.007					
40237904	51	147	10	<1	285	<2	16	85	0.005	0.0263	0.088					
40237905	66	336	20	<1	594	<2	9	65	0.010	0.0152	0.069					
40237906	83	1350	20	<1	1080	2	17	97	0.038	0.0552	0.302					
40237907	65	139	20	<1	353	4	18	91	0.002	0.0050	0.008					
40237908	24	245	20	3	184	8	28	144	0.005	0.0188	0.077					
40237909	56	162	20	<1	318	3	19	86	0.003	0.0069	0.022					
40237910	140	577	<10	1	1770	62	10	197	0.017	0.0060	0.003					
40237911	69	131	20	<1	429	<2	14	93	0.002	0.0049	0.007					
40237912	64	126	20	<1	436	2	17	97	0.002	0.0053	0.005					
40237913	49	112	10	<1	257	3	23	103	0.001	0.0030	0.005					
40237914	97	2080	20	<1	1360	<2	13	76	0.038	0.0781	0.210					
40237915	90	1570	20	<1	1070	3	13	73	0.029	0.0569	0.191					
40237916	64	111	30	<1	431	<2	16	89	0.002	0.0049	0.012					
40237917	60	134	80	<1	425	<2	15	83	0.004	0.0123	0.041					
40237918	60	121	70	<1	376	<2	17	77	0.003	0.0054	0.007					
40237919	57	85	70	<1	324	2	11	64	0.002	0.0035	0.005					
40237919 CRD	56	82	70	<1	314	<2	11	63	0.002	0.0039	0.005					
40237920	46	60	<10	<1	51	3	24	58	<0.001	<0.0005	<0.001					
40237921	50	101	90	<1	262	<2	13	73	0.002	0.0028	0.007					
40237922	67	680	110	<1	617	<2	17	90	0.015	0.0373	0.153					
40237923	96	4350	30	<1	2220	3	18	95	0.094	0.194	0.957					
40237924	99	3250	30	<1	2060	4	20	96	0.077	0.153	0.817					
40237925	92	2120	20	<1	1430	5	16	90	0.047	0.0981	0.543					
40237926	133	7480	20	<1	3390	6	16	97	0.194	0.339	>1.00					
40237927	126	9050	20	<1	4730	4	16	84	0.181	0.460	>1.00					
40237928	125	>10000	10	<1	3800	11	18	95	0.223	0.311	>1.00	1.260	0.20	0.26	2.09	
40237929	105	6660	20	<1	3130	3	13	74	0.140	0.243	>1.00		0.16	0.37	1.67	
40237930	206	5310	10	2	6840	17	15	77	0.196	0.415	0.265					
40237931	165	>10000	20	<1	6350	7	15	84	0.288	0.753	>1.00	1.410	0.32	0.85	3.75	
40237932	131	7460	10	1	3620	4	12	75	0.157	0.342	>1.00		0.18	0.50	1.98	
40237933	118	5750	10	1	2670	3	13	87	0.122	0.194	>1.00		0.12	0.20	1.44	
40237934	89	1730	10	<1	1080	<2	16	90	0.041	0.111	0.528					
40237935	88	2240	10	3	1260	8	20	99	0.043	0.0900	0.488					
40237936	75	1470	10	2	1110	5	16	93	0.035	0.0756	0.424					
40237937	98	2660	10	1	1250	5	15	98	0.046	0.0600	0.579					
40237938	67	1820	10	<1	841	4	16	92	0.036	0.0611	0.465					

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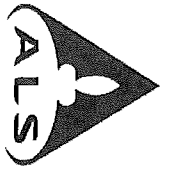
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CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SPO %
40237939		1.20			44.8	19.30	13.15	10.15	2.23	7.02	0.47	0.42	1.26	0.13	0.15	0.03
40237939 CRD		<0.02			43.3	18.95	12.90	10.10	2.04	6.43	0.46	0.39	1.16	0.12	0.15	0.03
40237940		0.53			51.7	16.10	8.65	9.92	2.56	7.64	0.31	0.01	0.65	0.14	0.06	0.04
40237941		0.85			44.3	19.00	12.20	10.05	2.10	7.46	0.47	0.23	1.16	0.13	0.13	0.03
40237942		0.63			46.3	19.70	10.10	10.45	2.45	6.38	0.51	0.10	1.28	0.12	0.16	0.03
40237943		1.21	82.1	87.7	46.6	15.25	13.05	9.68	2.51	7.55	0.46	0.06	1.94	0.16	0.16	0.03
40237944		1.20			47.6	15.90	13.05	10.05	2.65	7.85	0.39	0.05	1.51	0.16	0.15	0.03
40237945		1.26			44.5	19.15	13.05	10.30	2.29	6.62	0.40	0.22	1.28	0.12	0.13	0.03
40237946		1.16			46.4	18.40	12.65	10.50	2.32	7.74	0.34	0.17	1.34	0.14	0.15	0.03
40237947		1.31			45.7	19.00	11.20	10.40	2.19	7.98	0.35	0.05	1.25	0.14	0.20	0.03
40237948		1.33			45.4	17.90	13.15	10.50	2.34	6.70	0.40	0.13	1.70	0.15	0.19	0.03
40237949		0.96			44.7	19.55	11.75	10.65	2.21	6.75	0.38	0.04	1.24	0.12	0.12	0.04
40237950		0.43			52.1	16.65	8.93	10.10	2.58	7.52	0.32	0.01	0.65	0.14	0.06	0.04
40237951		1.35			44.5	19.25	12.30	10.05	2.09	8.55	0.27	0.04	0.90	0.13	0.11	0.03
40237952		1.29			44.5	19.50	11.70	9.89	2.16	8.18	0.26	0.03	0.84	0.12	0.10	0.04
40237953		1.11			45.9	20.4	11.00	10.90	2.40	6.20	0.41	0.03	1.08	0.12	0.13	0.04
40237954		1.28			43.7	19.55	14.15	10.30	2.22	6.02	0.48	0.03	1.03	0.12	0.12	0.04
40237955		1.29			44.8	21.0	11.45	10.40	2.27	6.13	0.56	0.03	0.87	0.11	0.10	0.04
40237956		1.20			44.6	19.40	12.35	9.77	2.08	7.57	0.39	0.02	0.75	0.12	0.12	0.03
40237957		1.32			43.4	15.70	17.30	8.68	2.08	8.53	0.43	0.05	1.06	0.15	0.11	0.03
40237958		1.37			37.2	10.55	32.1	6.81	1.73	4.75	0.52	0.04	2.73	0.17	0.15	0.02
40237959		1.24			45.5	13.60	19.70	6.30	2.41	5.49	0.75	0.05	3.04	0.17	0.16	0.03
40237959 CRD		<0.02			44.6	13.40	20.8	6.44	2.42	5.21	0.72	0.05	3.05	0.15	0.19	0.02
40237960		0.38			51.8	16.10	9.18	10.40	2.50	7.69	0.32	0.01	0.67	0.14	0.06	0.04
40237961		1.34			47.2	18.70	11.45	9.07	2.70	6.06	0.73	0.03	1.20	0.13	0.12	0.04
40237962		1.22			47.2	20.6	9.49	11.25	2.68	4.80	0.48	0.03	1.15	0.11	0.12	0.04
40237963		1.25			44.2	17.30	15.50	9.39	2.55	5.48	0.55	0.03	1.65	0.14	0.16	0.03
40237964		1.04			45.9	18.45	13.40	9.78	2.50	6.99	0.48	0.03	1.42	0.14	0.16	0.04
40237965		1.27			45.4	18.10	14.00	9.58	2.48	6.90	0.56	0.03	1.55	0.14	0.17	0.04
40237966		1.20			46.1	18.95	12.70	10.00	2.58	6.32	0.54	0.03	1.44	0.13	0.17	0.04
40237967		1.38			45.5	19.30	11.80	9.99	2.51	6.28	0.54	0.03	1.30	0.13	0.15	0.04
40237968		1.23			47.5	19.15	12.10	10.10	2.55	6.34	0.47	0.03	1.29	0.13	0.16	0.03
40237969		1.23			46.9	19.30	11.00	9.94	2.68	6.41	0.47	0.02	1.31	0.13	0.15	0.04
40237970		0.16			36.4	3.13	13.75	2.05	0.23	31.7	0.12	0.61	0.27	0.16	0.04	0.01
40237971		1.18			47.3	19.05	11.25	10.35	2.64	6.26	0.55	0.03	1.55	0.14	0.14	0.04
40237972		1.24			46.9	20.2	10.45	10.20	2.55	7.31	0.40	0.03	1.12	0.12	0.13	0.04
40237973		1.26			46.8	19.25	10.80	9.80	2.53	7.16	0.47	0.03	1.10	0.13	0.11	0.04
40237974		1.07			46.6	19.70	10.80	9.79	2.45	7.83	0.49	0.03	1.04	0.12	0.13	0.04
40237975		0.97			49.0	19.25	10.25	8.02	2.32	7.91	0.77	0.04	0.73	0.11	0.08	0.04
40237976		1.45			50.9	19.65	10.70	6.31	2.13	6.11	1.46	0.03	0.91	0.09	0.10	0.04

**** See Appendix Page for comments regarding this certificate ****



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VANCOUVER BC V6C 1S4

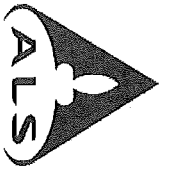
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Account: KAV

Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Table with columns: Sample Description, Method Analyte Units, ME-ICP06 BaO %, C-IR07 C %, S-IR08 S %, ME-MS81 Ba ppm, ME-MS81 Ce ppm, ME-MS81 Cr ppm, ME-MS81 Cs ppm, ME-MS81 Dy ppm, ME-MS81 Er ppm, ME-MS81 Eu ppm, ME-MS81 Ga ppm, ME-MS81 Gd ppm, ME-MS81 Hf ppm, ME-MS81 Ho ppm, ME-MS81 La ppm. Rows include sample IDs like 40237939, 40237940, 40237941, etc.

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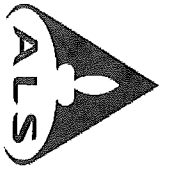
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Sample Description	Method Analyte Units LOR	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	ME-MSB1	
		Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Ti ppm	Tm ppm	U ppm	V ppm	Cr ppm	Mn ppm	Fe ppm	Co ppm	Ni ppm	Zn ppm	As ppm	Se ppm	Mo ppm
40237939	0.23	6.5	13.3	3.05	13.1	3.34	3.07	0.4	0.51	0.93	<0.5	0.24	0.21	134										
40237939 CRD	0.24	6.7	13.0	3.06	13.5	3.15	3.07	0.4	0.51	0.98	<0.5	0.23	0.23	133										
40237940	0.13	2.8	7.8	1.87	6.5	1.90	3.24	0.2	0.40	1.12	<0.5	0.14	0.18	169										
40237941	0.21	6.0	11.4	2.56	14.7	2.78	3.17	0.4	0.46	0.73	<0.5	0.23	0.19	162										
40237942	0.25	7.3	14.1	3.17	13.8	3.51	3.22	0.5	0.54	1.05	<0.5	0.27	0.27	133										
40237943	0.31	9.5	17.4	4.03	12.5	4.46	2.63	0.6	0.69	1.73	<0.5	0.35	0.31	276										
40237944	0.29	7.4	14.3	3.30	9.0	3.49	2.60	0.5	0.62	1.05	<0.5	0.29	0.27	234										
40237945	0.20	6.4	11.6	2.63	10.4	2.80	3.05	0.4	0.43	0.79	<0.5	0.24	0.18	180										
40237946	0.23	6.5	13.2	2.95	8.0	3.39	2.94	0.4	0.53	0.86	<0.5	0.27	0.20	197										
40237947	0.33	9.6	19.6	4.35	9.3	4.92	2.87	0.5	0.75	1.55	<0.5	0.40	0.36	124										
40237948	0.30	8.8	17.6	3.83	9.9	4.16	2.76	0.5	0.68	1.17	<0.5	0.32	0.26	185										
40237949	0.24	6.5	12.2	2.80	10.2	2.96	3.00	0.3	0.48	0.98	<0.5	0.25	0.25	136										
40237950	0.14	3.0	8.0	1.83	6.5	1.78	3.13	0.1	0.30	1.25	<0.5	0.18	0.18	174										
40237951	0.17	5.5	11.4	2.54	6.4	2.79	2.93	0.3	0.42	1.08	<0.5	0.21	0.16	103										
40237952	0.15	4.7	9.4	2.08	5.7	2.38	2.95	0.3	0.35	0.75	<0.5	0.19	0.17	90										
40237953	0.20	6.2	12.7	2.70	10.6	2.84	3.32	0.3	0.44	1.00	<0.5	0.24	0.21	118										
40237954	0.22	5.3	11.5	2.60	13.5	2.72	3.26	0.3	0.38	0.86	<0.5	0.22	0.20	122										
40237955	0.15	5.0	9.6	2.21	17.7	2.20	3.64	0.2	0.37	0.73	<0.5	0.17	0.17	91										
40237956	0.16	4.7	9.0	2.10	10.1	2.20	3.31	0.3	0.40	0.63	<0.5	0.19	0.14	90										
40237957	0.23	5.3	11.3	2.45	11.8	2.47	2.62	0.3	0.46	0.82	<0.5	0.22	0.25	158										
40237958	0.32	10.2	16.6	3.73	17.3	4.17	15.90	0.6	0.66	1.57	<0.5	0.36	0.63	419										
40237959	0.34	11.1	18.4	4.17	25.3	4.01	2.13	0.7	0.71	2.21	<0.5	0.32	1.04	406										
40237959 CRD	0.36	11.2	20.4	4.73	23.8	4.47	2.04	0.6	0.70	2.31	<0.5	0.39	1.04	401										
40237960	0.13	3.0	8.2	1.94	6.6	1.94	2.99	0.1	0.32	1.26	<0.5	0.13	0.18	187										
40237961	0.21	6.2	12.9	2.98	20.6	3.27	3.49	0.3	0.49	1.30	<0.5	0.24	0.42	155										
40237962	0.22	6.1	12.5	2.88	12.1	3.15	3.38	0.4	0.46	0.93	<0.5	0.25	0.20	122										
40237963	0.30	8.6	16.5	3.55	14.3	3.84	2.99	0.4	0.61	1.30	<0.5	0.33	0.32	200										
40237964	0.29	7.8	16.0	3.48	11.1	3.64	3.08	0.4	0.58	1.22	<0.5	0.30	0.29	160										
40237965	0.30	9.0	16.8	3.76	13.8	3.91	3.18	0.5	0.64	1.42	<0.5	0.33	0.29	175										
40237966	0.26	8.6	17.3	3.88	13.3	4.07	3.30	0.5	0.63	1.33	<0.5	0.31	0.32	166										
40237967	0.26	7.8	14.9	3.47	12.7	3.52	3.47	0.4	0.53	1.15	<0.5	0.28	0.24	141										
40237968	0.26	8.1	15.8	3.61	10.3	3.88	3.13	0.4	0.64	1.32	<0.5	0.31	0.29	143										
40237969	0.26	7.5	14.6	3.34	11.1	3.69	3.23	0.4	0.56	1.21	<0.5	0.27	0.27	146										
40237970	0.06	1.3	3.3	0.74	3.3	0.76	4.96	0.1	0.11	0.51	<0.5	0.06	0.10	27										
40237971	0.29	7.6	14.7	3.29	13.7	3.63	3.22	1.5	0.56	1.19	<0.5	0.27	0.32	179										
40237972	0.18	5.8	11.8	2.71	8.8	2.94	3.24	0.3	0.44	0.93	<0.5	0.19	0.22	122										
40237973	0.20	6.4	13.0	2.89	11.4	3.22	3.17	0.3	0.46	1.05	<0.5	0.25	0.23	134										
40237974	0.18	5.8	11.6	2.55	11.1	2.56	3.42	0.3	0.42	0.89	<0.5	0.22	0.22	104										
40237975	0.16	4.6	10.4	2.43	26.5	2.22	3.08	0.3	0.32	1.50	<0.5	0.17	0.60	95										
40237976	0.22	6.9	15.9	3.98	66.2	3.13	3.00	0.4	0.39	2.88	0.8	0.24	1.17	156										



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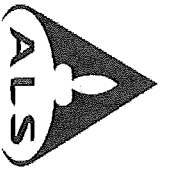
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Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zr ppm	ME-MS42 AS ppm	ME-MS42 BI ppm	ME-MS42 Hg ppm	ME-MS42 Sb ppm	ME-MS42 Se ppm	ME-MS42 Te ppm	OA-GRA05 LOI %	TOT-ICP06 Total %	ME-4ACD81 Ag ppm	ME-4ACD81 As ppm	ME-4ACD81 Cd ppm
40237939	<1	16.8	1.58	0.03	89	1.4	0.37	<0.005	0.16	8.0	0.64	1.32	100.45	3.8	<5	0.7
40237939 CRD	<1	17.1	1.62	0.03	89	<0.1	0.36	<0.005	<0.05	8.1	0.67	1.35	97.40	3.8	<5	0.6
40237940	<1	9.5	0.86	0.03	43	0.1	0.01	<0.005	<0.05	0.2	0.21	0.71	98.51	<0.5	<5	<0.5
40237941	<1	14.9	1.46	0.03	75	0.2	0.46	<0.005	<0.05	4.1	0.21	1.20	98.47	1.6	<5	<0.5
40237942	<1	17.9	1.79	0.03	125	<0.1	0.12	<0.005	<0.05	1.8	0.07	1.51	99.11	<0.5	<5	<0.5
40237943	<1	23.0	2.33	0.03	115	0.7	0.06	<0.005	<0.05	1.1	0.02	0.96	98.43	<0.5	<5	<0.5
40237944	<1	20.0	1.93	0.03	98	1.3	0.08	<0.005	<0.05	1.3	0.04	0.90	100.31	<0.5	<5	<0.5
40237945	<1	15.2	1.56	0.03	78	0.8	0.48	<0.005	0.05	7.5	0.44	1.35	99.45	2.5	<5	0.8
40237946	<1	17.4	1.56	0.03	80	0.2	0.18	<0.005	<0.05	3.2	0.15	1.19	101.38	0.9	<5	<0.5
40237947	<1	22.6	2.22	0.03	130	0.5	0.09	<0.005	<0.05	2.0	0.08	1.27	99.77	0.5	<5	<0.5
40237948	<1	21.4	2.16	0.03	113	0.5	0.29	<0.005	<0.05	4.7	0.22	1.22	98.83	1.5	<5	<0.5
40237949	<1	15.2	1.64	0.03	91	0.2	0.32	<0.005	<0.05	6.0	0.30	1.60	99.16	2.3	<5	0.5
40237950	<1	9.1	0.99	0.03	43	0.1	0.01	<0.005	<0.05	0.3	<0.01	0.74	99.86	<0.5	<5	<0.5
40237951	<1	12.9	1.33	0.03	64	0.1	0.30	0.005	<0.05	4.8	0.23	1.06	99.29	1.6	<5	<0.5
40237952	<1	10.8	1.06	0.03	72	<0.1	0.38	<0.005	<0.05	6.7	0.42	1.30	98.63	2.4	<5	<0.5
40237953	<1	14.6	1.53	0.03	80	0.2	0.23	0.006	<0.05	3.0	0.17	1.15	99.77	1.6	<5	<0.5
40237954	<1	13.9	1.38	0.03	72	0.5	0.62	0.007	<0.05	8.3	0.43	1.49	99.26	4.4	<5	0.6
40237955	<1	11.5	1.19	0.03	65	0.2	0.55	<0.005	<0.05	5.9	0.36	1.50	99.27	3.4	<5	<0.5
40237956	<1	11.0	1.07	0.03	57	0.2	0.47	0.005	<0.05	5.1	0.33	1.24	98.43	2.8	<5	<0.5
40237957	<1	14.0	1.39	0.03	70	4.2	0.99	<0.005	0.21	7.6	0.49	1.43	98.96	3.5	<5	0.8
40237958	<1	21.2	2.14	0.03	107	23.2	0.71	<0.005	0.50	6.1	0.17	3.61	100.40	0.8	<5	1.3
40237959	<1	20.8	2.03	0.03	118	17.7	0.54	<0.005	0.52	2.8	0.10	2.00	99.22	0.5	<5	0.8
40237959 CRD	<1	22.7	2.38	0.03	139	15.5	0.46	<0.005	0.49	3.4	0.11	2.51	99.58	0.5	<5	0.8
40237960	<1	9.6	0.93	0.03	45	0.4	0.01	<0.005	<0.05	0.3	0.01	0.70	99.63	<0.5	<5	<0.5
40237961	<1	14.9	1.40	0.03	81	1.5	0.15	<0.005	0.10	1.6	0.08	0.62	98.07	0.5	<5	<0.5
40237962	<1	15.4	1.49	0.03	74	0.8	0.15	<0.005	<0.05	1.6	0.07	0.45	98.42	0.7	<5	<0.5
40237963	<1	19.4	1.84	0.03	99	11.1	0.71	0.005	0.73	4.9	0.26	1.46	98.46	2.0	<5	0.8
40237964	<1	18.2	1.88	0.03	101	16.1	0.49	<0.005	0.37	1.9	0.11	0.92	100.23	0.9	<5	0.5
40237965	<1	20.4	1.94	0.03	116	12.0	0.62	<0.005	0.37	3.0	0.15	0.84	99.81	1.2	<5	0.6
40237966	<1	20.4	1.86	0.03	111	15.7	0.49	<0.005	0.50	1.7	0.08	0.70	99.72	0.7	<5	<0.5
40237967	<1	17.3	1.63	0.03	100	7.9	0.92	<0.005	0.39	2.8	0.22	0.70	98.29	1.3	<5	<0.5
40237968	<1	18.8	1.95	0.03	105	2.5	0.14	0.006	0.07	1.3	0.04	0.54	100.41	<0.5	<5	<0.5
40237969	<1	17.3	1.67	0.03	102	1.9	0.11	<0.005	0.09	0.5	0.02	0.24	98.61	<0.5	<5	<0.5
40237970	<1	3.9	0.36	0.03	20	1.0	0.17	0.017	0.50	1.1	0.10	10.30	98.85	1.4	5	0.8
40237971	<1	17.5	1.76	0.03	92	0.3	0.09	<0.005	0.05	1.1	0.05	0.26	99.58	0.5	<5	<0.5
40237972	<1	13.8	1.44	0.03	75	0.2	0.02	<0.005	<0.05	0.5	0.01	0.06	99.52	<0.5	<5	<0.5
40237973	<1	14.7	1.48	0.03	79	1.6	0.13	0.006	0.06	0.4	0.02	0.57	98.81	<0.5	<5	<0.5
40237974	<1	13.4	1.27	0.03	73	2.5	0.22	<0.005	0.11	0.8	0.04	0.26	99.30	<0.5	8	<0.5
40237975	<1	9.9	0.95	0.03	58	12.3	0.51	<0.005	0.64	0.6	0.09	0.81	99.35	0.5	13	<0.5
40237976	1	13.8	1.68	0.03	91	12.1	1.04	0.014	0.55	1.1	0.08	2.20	100.68	0.8	16	<0.5

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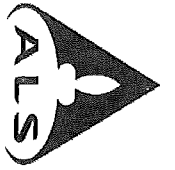
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Sample Description	Method Analyte Units	ME-4ACD81 Co ppm	ME-4ACD81 Cu ppm	ME-4ACD81 Li ppm	ME-4ACD81 Mo ppm	ME-4ACD81 Ni ppm	ME-4ACD81 Pb ppm	ME-4ACD81 Se ppm	ME-4ACD81 Zn ppm	PGM-MS24 Au ppm	PGM-MS24 Pt ppm	PGM-MS24 Pd ppm	Cu-O662 Cu %	PGM-ICP27 Au ppm	PGM-ICP27 Pt ppm	PGM-ICP27 Pd ppm
40237939		89	7320	10	1	2410	5	15	102	0.170	0.428	>1.00		0.18	0.61	2.08
40237939 CRD		88	7460	10	1	2440	4	15	100	0.185	0.389	>1.00		0.20	0.45	2.24
40237940		44	78	<10	<1	54	6	24	57	0.001	0.0009	0.005		0.12	0.17	1.37
40237941		85	3880	10	<1	2510	3	14	83	0.103	0.0886	>1.00				
40237942		53	1100	10	1	770	<2	14	76	0.031	0.0351	0.385				
40237943		62	643	10	1	619	2	31	100	0.013	0.0142	0.163				
40237944		70	869	10	1	590	4	30	96	0.015	0.0337	0.156				
40237945		108	6950	10	<1	3800	5	16	90	0.176	0.362	>1.00		0.17	0.43	2.16
40237946		81	3300	10	<1	1705	7	20	93	0.080	0.244	0.933				
40237947		63	1700	10	1	998	16	15	88	0.027	0.0596	0.266				
40237948		84	4800	10	<1	1965	8	23	99	0.091	0.194	0.913			0.28	1.29
40237949		89	5930	20	<1	2520	4	15	74	0.135	0.186	>1.00		0.13	0.28	1.29
40237950		46	83	<10	<1	58	4	23	76	0.002	0.0009	0.004		0.11	0.16	1.20
40237951		96	4800	10	<1	2670	2	12	75	0.118	0.216	>1.00		0.15	0.18	1.63
40237952		98	7010	10	<1	2940	3	9	73	0.152	0.188	>1.00				
40237953		78	3990	10	<1	1905	3	12	76	0.102	0.190	0.942		0.21	0.24	2.78
40237954		144	>10000	10	<1	5740	7	13	82	0.219	0.266	>1.00	1.220	0.23	0.26	1.99
40237955		97	8720	20	<1	3470	4	9	71	0.190	0.231	>1.00		0.17	0.35	1.54
40237956		105	7390	10	<1	3070	4	11	78	0.168	0.304	>1.00	1.045	0.22	0.24	1.69
40237957		150	>10000	20	1	3130	9	20	106	0.204	0.374	>1.00				
40237958		418	4130	10	11	2880	14	34	160	0.054	0.0505	0.456				
40237959		172	2100	20	9	1240	13	29	134	0.034	0.0552	0.265				
40237959 CRD		218	2460	20	16	1535	13	30	131	0.032	0.0553	0.285				
40237960		46	85	<10	<1	64	3	24	60	0.001	0.0005	0.004				
40237961		56	2190	20	1	686	4	15	88	0.036	0.0516	0.366				
40237962		49	2100	10	<1	921	4	16	70	0.052	0.0560	0.473		0.12	0.10	1.06
40237963		146	5140	10	3	2710	15	19	96	0.113	0.106	>1.00				
40237964		99	2620	10	3	1230	12	14	95	0.055	0.0950	0.506				
40237965		104	3960	10	2	1695	13	15	99	0.077	0.0839	0.804				
40237966		91	1960	10	3	1015	13	16	91	0.045	0.0576	0.367				
40237967		87	4460	10	1	1585	7	14	87	0.126	0.374	>1.00		0.12	0.36	1.29
40237968		65	1450	10	1	748	5	15	87	0.025	0.0468	0.266				
40237969		52	345	10	<1	260	2	15	86	0.011	0.0185	0.100				
40237970		143	575	<10	1	1800	58	10	197	0.028	0.0059	0.004				
40237971		52	1280	10	<1	579	3	19	88	0.029	0.0493	0.296				
40237972		52	435	10	<1	342	<2	11	81	0.010	0.0158	0.107				
40237973		58	373	20	<1	322	4	16	86	0.009	0.0181	0.066				
40237974		66	754	20	<1	495	2	12	79	0.019	0.0175	0.115				
40237975		64	693	30	<1	440	8	11	83	0.022	0.0425	0.089				
40237976		84	1220	60	1	786	11	15	100	0.028	0.0515	0.148				

***** See Appendix Page for comments regarding this certificate *****



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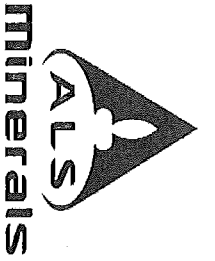
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 Account: KAV

Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. Kg	CRU-QC Passzmm %	PUL-QC Pass75um %	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 Na2O %	ME-ICP06 MgO %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SFO %
40237977		0.31	0.02	0.01	0.01	0.01	0.01	1.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
					72.3	10.90	5.17		3.15	2.36	1.26	0.02	0.47	0.05	0.08	0.02

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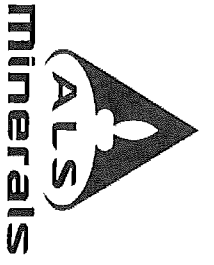
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Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units LOR	ME-ICP06 BaO % 0.01	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5
40237977		0.04	0.16	0.01	332	37.9	130	1.31	2.44	1.42	0.79	13.0	2.98	3.5	0.55	17.6



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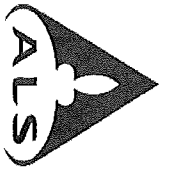
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Project: EB80000941
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Sample Description	Method Analyte Units LOR	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5
40237977		0.24	6.4	17.3	4.44	33.9	3.97	<1	166.5	0.4	0.44	5.63	<0.5	0.23	2.14	68

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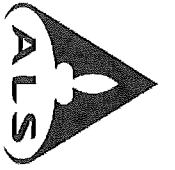
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 Account: KAV

Project: EB80000941

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Sample Description	Method Analyte Units LOR	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	OA-GR05 LOI % 0.01	TOT-ICP06 Total % 0.01	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 As ppm 5	ME-4ACD81 Cd ppm 0.5
40237977		1	12.9	1.55	131	1.6	0.03	0.009	0.20	0.3	0.01	2.22	99.08	<0.5	<5	<0.5

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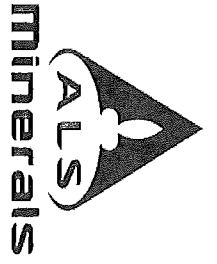
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 Total # Pages: 4 (A - E)
 Plus Appendix Pages
 Finalized Date: 17-JAN-2014
 Account: KAV

Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

Sample Description	Method Analyte Units LOR	ME-4ACD81 Co ppm 1	ME-4ACD81 Cu ppm 1	ME-4ACD81 Li ppm 10	ME-4ACD81 Mo ppm 1	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Se ppm 1	ME-4ACD81 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	Cu-OG62 Cu % 0.001	PGM-ICP27 Au ppm 0.03	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03
40237977		13	14	60	<1	50	10	11	76	0.002	0.0009	0.001				

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 Finalized Date: 17-JAN-2014
 Account: KAV

Project: EB80000941

CERTIFICATE OF ANALYSIS TB13228475

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: BAG-04 LOG-22 PUL-QC	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada. CRU-31 LOG-23 SPL-21	CRU-QC PUL-32 SPL-21d	LOG-21d PUL-32d WEI-21
Applies to Method: C-IR07 ME-MS42 PGM-ICP27	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Cu-OG62 ME-MS81 PGM-MS24	ME-4ACD81 ME-OG62	ME-ICP06 OA-GRA05 TOT-ICP06

Appendix D – Geophysical Report



crone

Crone Pulse-EM Survey

Rio Tinto Exploration
Crystal Lake, Thunder Bay, Canada

*Geophysical Survey & Logistics Report
June - September 2014*



Conducted by:
Crone Geophysics & Exploration Ltd.



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Introduction

Crone Geophysics & Exploration Limited was contracted by Rio Tinto to conduct Borehole Electromagnetic Surveys on its Crystal Lake project located near Thunder Bay, Canada. This report summarizes the geophysical work carried out during June 9th – September 24th, 2014.

Eleven (11) holes covered from four (4) separate transmitting loops during this period. The appendices to this report contain page size plan & section maps, PEM profiles (linear 5-axis and logarithmic scale), and the Step response profiles.

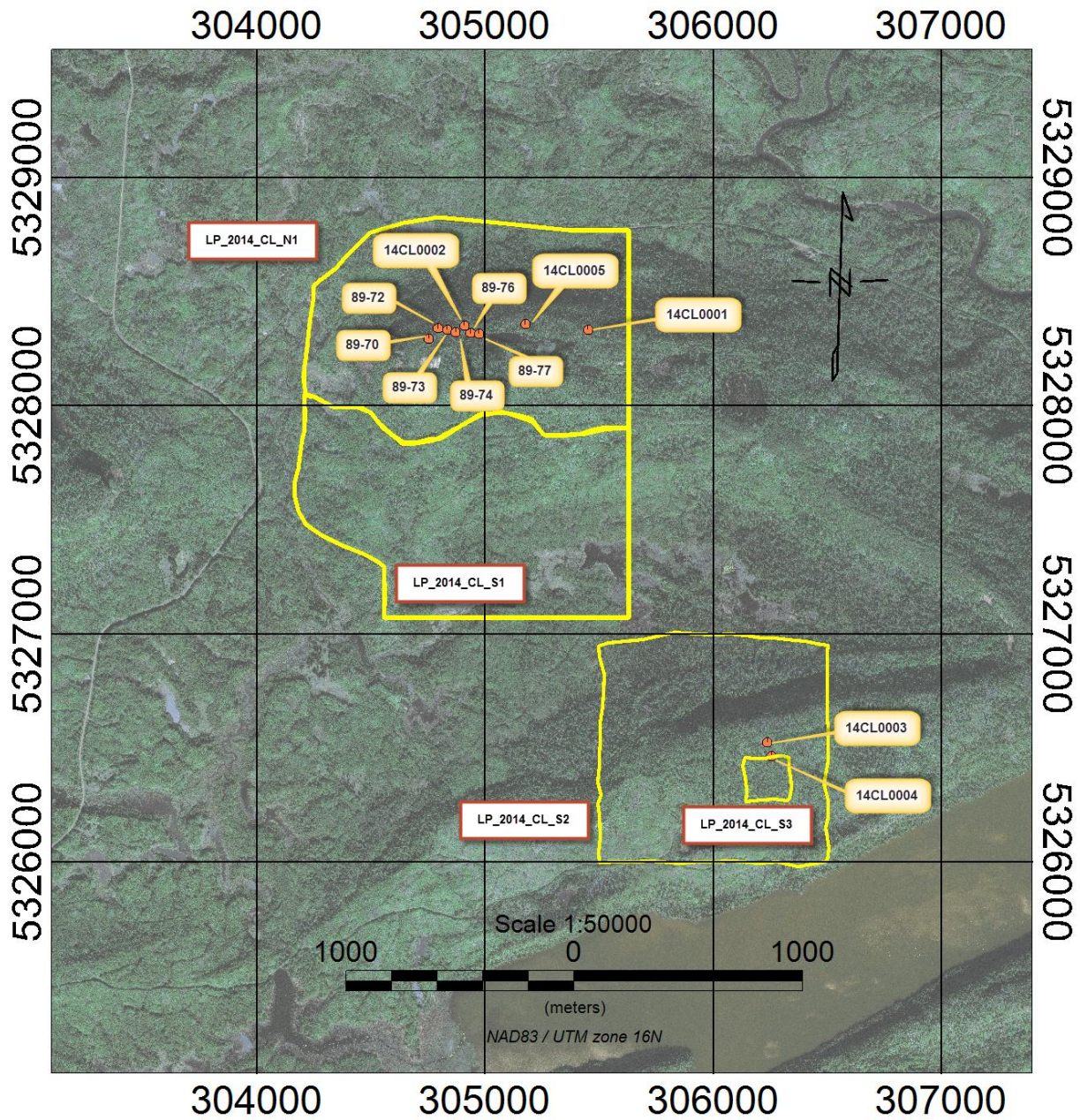


Figure 1: Crystal Lake Project Location Map



Personnel

The personnel involved in this project during the reporting period include:

Survey Operator: Wayne Pearson, Jess Meikle, Declan Hope,

Data Processing: Mark Hunter, Josh Lymburner

Report: Josh Lymburner

Equipment



Pulse-EM CDR2 Receiver

- 26-Bit equivalent A/D resolution
- Programmable gate configurations and optional full waveform
- Crone *Smartstacking* algorithm
- Sampling Rate: 250K samples/second | Sampling Interval: 4 μ sec
- Precision crystal oscillator or cable synchronization



Pulse-EM Transmitter

- 4.8kW for up to 30 amps in single or 60 amps in dual modes
- Timebases: 8.33ms to 2000ms
- Ramp Settings: Fast Ramp, 0.5ms, 1.0ms or 1.5ms
- Powered by Standard Motor Generator
- Current control and monitoring with optional loop damping
- Auto Shutdown and grounded case for safety

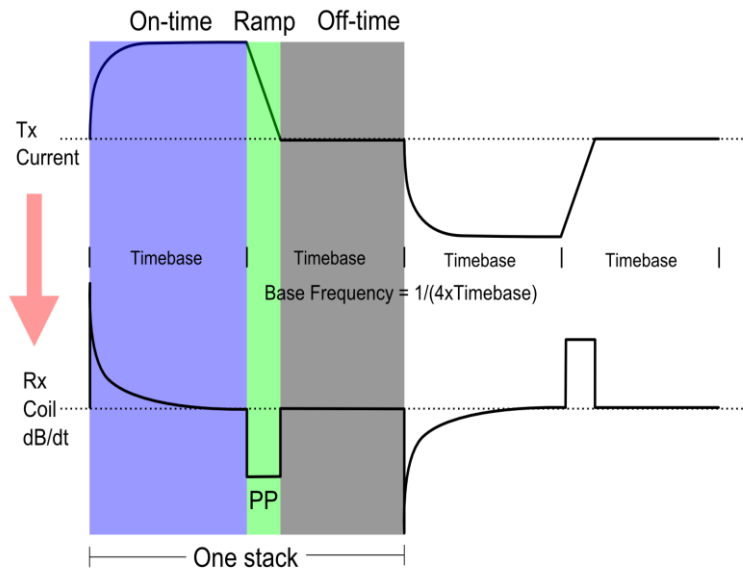


Figure 2: Standard Crone Pulse-EM Waveform



Pulse-EM Induction Coil Probes

- Measures dB/dt in 3 Components
- Ferrite Cored Induction Sensor
- Pressure tested to 2800m
- RAD Tool Orientation with 3 Axis Magnetometer and 3 Axis Accelerometer

Survey Methods

Crone Pulse EM is a time domain electromagnetic method in which a precise pulse of current with a controlled linear shut off is transmitted through a large loop of wire on the ground and the rate of decay of the induced secondary field is measured across a series of time windows during the off-time. The EMF created by the shutting-off of the current induces eddy currents in nearby conductive material thus setting-up a secondary magnetic field. When the primary field is terminated, this magnetic field will decay with time. The amplitude of the secondary field and the decay rate are dependent on the quality and size of the conductor.

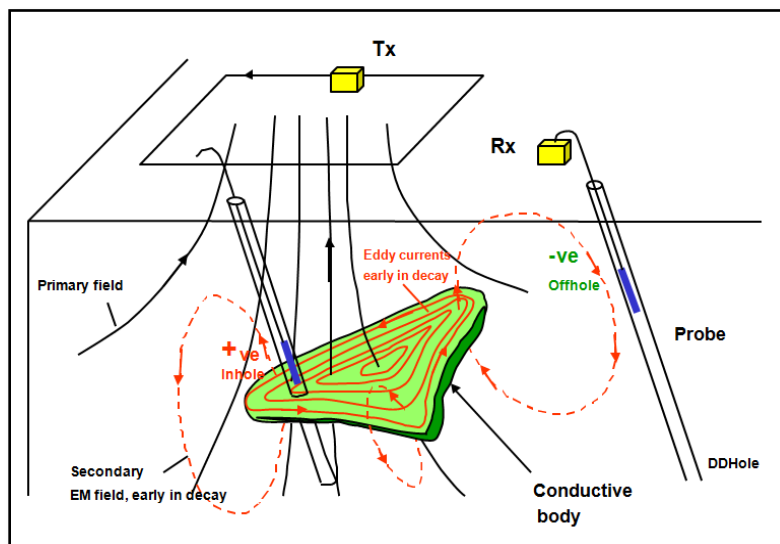


Figure 3: Typical Operation of a BHEM system

On this project, a 3D Borehole Pulse EM system was assembled in which an axial component (Z) probe and a cross component (XY) probe were used to measure the three components of the induced secondary field. The first pass with the 'Z' probe detects any in-hole or off-hole anomalies and gives information on size, conductivity, and distances to the edge of conductors. The second pass with the 'XY' probe measures two orthogonal components of the EM field in a plane orientated at right angles to the borehole. These results give directional information to the center of the



conductive body. Data is usually collected at a nominal sample interval of 10m, and detailed at 5m (or less) through anomalous zones.

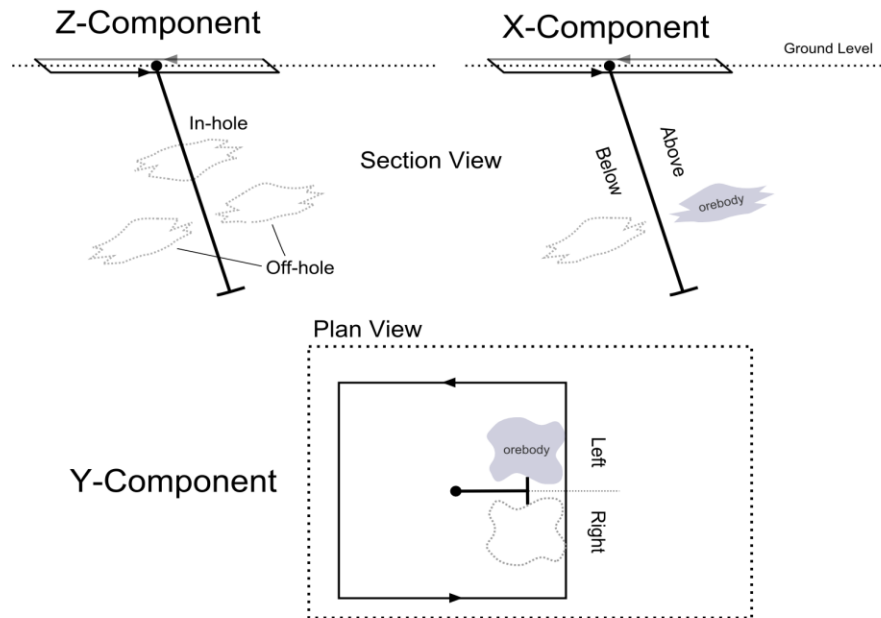


Figure 4: Directionality of 3 Component BHP-EM Data

In addition to measuring the standard Primary Pulse channel in the Tx shut-off ramp and the off-time channels, the Step Response was also calculated. Step Response requires accurate geometrical control in which the loop position and the hole geometry are accurately determined. In the current surveys positional information was collected by Crone using a sub-meter capable GPS and regional base station. Positional information is provided in the UTM projection (Zone 16 North), utilizing the NAD 83 datum.

The Step Response is widely regarded as a very important tool in the search for high conductance massive sulphides. Bill Ravenhurst shows the details of the Step Response transformation which is a unique feature of the Crone Pulse EM System (Ravenhurst, W. R., 2001)



The borehole surveys were carried out using time bases of 50.00 ms, 16.66 ms and 8.33 ms with 1.5 ms shut-off ramp time. The primary inducing field is defined as positive up inside the transmitter loop.

Data units are nT/s for the inductive probes.

Data Acquisition Parameters

Table 1: Borehole Survey Transmitter Loop Coverage

Tx Loop	Property / Target	Size (meters)	Corner Coordinates
			UTM WGS 1984 Greenland Zone 22N
CL_2014_N1	Crystal Lake	~ 800 x 1200	305648E, 5328785N 304409E, 5328686N 304199E, 5328049N 305642E, 5328004N
CL_2014_S1	Crystal Lake	~ 800 x 1200	305594E, 5327985N 304210E, 5328032N 304602E, 5327039N 305421E, 5327066N 305637E, 5327407N
Figure 8	Crystal Lake	~ 2000 x 2000	305642E, 5328004N 305648E, 5328785N 304409E, 5328686N 304199E, 5328049N 305593E, 5327983N 305637E, 5327407N 305421E, 5327066N 304602E, 5327039N 304210E, 5328032N 305529E, 5327937N
14CL_S2	Crystal Lake	~ 1000 x 1000	306503E, 5326949N 305499E, 5326946N 305501E, 5325998N 306500E, 5326006N
14CL_S3	Crystal Lake	~ 200 x 200	306332E, 5326457N 306141E, 5326459N 306142E, 5326266N 306326E, 5326270N



Table 2: Borehole Survey Coverage

Hole	Area / Targets #	Tx loop	Timebase (ms)	Off Time Channels	Ramp (ms)	Current (Amps)	Station From	Station To	Length (m)	Comp
14CL0001	Crystal Lake	CL_2014_N1	50.00	22	1.5	9	20	870	850	X,Y,Z
		CL_2014_S1 Figure 8				10 8.5				
14CL0001	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	9 9	20	870	850	X,Y,Z
14CL0002	Crystal Lake	CL_2014_N1	50.00	22	1.5	10	20	600	580	X,Y,Z
		CL_2014_S1				10				
14CL0002	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	9 9	20	600	580	X,Y,Z
14CL0003	Crystal Lake	CL_2014_S1	50.00	22	1.5	8.3	10	755	745	X,Y,Z
		14CL_S2				14				
14CL0004	Crystal Lake	14CL_S2 14CL_S3	50.00	22	1.5	14 20	10	60	50	X,Y,Z
14CL0005	Crystal Lake	CL_2014_N1	50.00	22	1.5	13	20	800	780	X,Y,Z
		CL_2014_S1				11				
89-70	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	10 9	10	140	130	X,Y,Z
89-72	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	10 10	10	60	50	X,Y,Z
89-73	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	10 10	10	110	100	X,Y,Z
89-74	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	10 10	10	200	190	X,Y,Z
89-76	Crystal Lake	CL_2014_N1	8.33	16	1.5	10	20	340	320	X,Y,Z
		CL_2014_S1				11				
89-76	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	10 10	20	350	330	X,Y,Z
89-77	Crystal Lake	CL_2014_N1 CL_2014_S1	16.66	20	1.5	10 10	20	360	340	X,Y,Z



Production Summary

Table 3: Production Summary

Date (d.m.y)	Type of Day	Comments
09.06.14	MOB	MOB.
10.06.14	MOB	MOB.
11.06.14	Survey	Site induction. Started to lay loop CL_2014_N1.
12.06.14	Survey	Finished laying loop CL_2014_N1.
13.06.14		Laid loop CL_2014_S1.
14.06.14	Survey	Surveyed hole 89-76 with loop CL_2014_N1 from 20m to 100m, Z component.
15.06.14	Survey	Surveyed hole 89-76 with loop CL_2014_N1 from 100m to 350m, Z component and from 20m to 90m, XY components.
16.06.14	Survey	Surveyed hole 89-76 with loop CL_2014_N1 from 90m to 350m, XY components and from 20m to 350m, ZXY components with loop CL_2014_S1.
17.06.14	Survey	Surveyed hole 89-76 with loop CL_2014_N1 and CL_2014_S1 from 20m to 350m with 8.33ms time base.
18.06.14	Survey	Surveyed hole 89-77 with loop CL_2014_N1 from 20m to 360m, ZXY components and from 20m to 140m with loop CL_2014_S1, XY components.
19.06.14	Survey	Surveyed hole 89-73 with loop CL_2014_S1 from 140m to 360m XY components. Surveyed hole 89-74 with loop CL_2014_S1 from 10m to 200m, Z component, and from 10m to 50m, XY components.
20.06.14	Survey	Surveyed hole 89-74 with loop CL_2014_S1 from 50m to 210m, XY components
21.06.14	Survey	Surveyed hole 89-74 with loop CL_2014_N1 from 10m to 210m, ZXY components. Surveyed hole 89-72 with loop CL_2014_N1 from 10m to 60m, ZXY components.
22.06.14	Survey	Surveyed hole 89-72 with loop CL_2014_S1 from 10m to 60m, ZXY components. Surveyed hole 89-73 with loop CL_2014_S1 and CL_2014_N1 from 10m to 110m, ZXY components.
23.06.14	Survey	Surveyed hole 89-7 with loop CL_2014_S1 from 10m to 140m, XY components and with loop CL_2014_N1 from 10m to 140m, ZXY components.
24.06.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_S1 and CL_2014_N1 from 20m to 860m, ZXY components.
25.06.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_N1 with 16.66 ms time base from 20m to 420m, XY components. Completed borehole magnetic logging on 14CL0001.
26.06.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_N1 with 16.66 ms time base from 20m to 860m, XY components.
27.06.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_S1 with 16.66 ms time base from 20m to 860m, XY components.
28.06.14	MOB	DeMOB.
29.06.14	MOB	DeMOB.
05.07.14	Survey	MOB.
06.07.14	Survey	MOB.
07.07.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_S1 with 16.66 ms time base from 20m



		to 600m, XY components.
08.07.14	Survey	Surveyed hole 14CL0002 with loop CL_2014_S1 from 20m to 600m, Z component. Surveyed hole 14CL0001 with loop CL_2014_S1 from 600m to 870m, XY components.
09.07.14	Survey	Surveyed hole 14CL0002 with loop CL_2014_S1 from 20m to 600m, XY components.
10.07.14	Survey	Surveyed hole 14CL0002 with loop CL_2014_N1 from 20m to 600m, ZXY components.
11.07.14	Survey	Repaired wire due to wildlife activity.
12.07.14	Survey	Surveyed hole 14CL0002 with loop CL_2014_S1 from 20m to 600m, Z component and from 20m to 340m XY components.
13.07.14	Survey	Surveyed hole 14CL0002 with loop CL_2014_S1 from 340m to 600m, XY components and with loop CL_2014_N1 from 20m to 600m, Z component.
14.07.14	Survey	Surveyed hole 14CL0002 with loop CL_2014_N1 from 20m to 600m, XY components.
15.07.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_S1, with 50 ms time base, from 20m to 870m, Z component.
16.07.14	Survey	Surveyed hole 14CL0001 and 14CL0002 with Mount Sopris probes. Repaired break in loops.
17.07.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_S1, with 50 ms time base, from 20m to 620m, XY components.
18.07.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_S1, with 50 ms time base, from 620m to 870m, XY components and with loop CL_2014_N1 from 20m to 420m, XY components.
19.07.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_N1, with 50 ms time base, from 620m to 870m, XY components and from 20m to 400m, Z component.
20.07.14	Survey	Surveyed hole 14CL0001 with loop CL_2014_N1, with 50 ms time base, from 400m to 870m, Z component.
21.07.14	Survey	Laid loop wire.
22.07.14	Weather	No survey due to lightning.
23.07.14	Survey	Surveyed hole 14CL0001 with loop Figure 8, from 20m to 600m, Z component.
24.07.14	Survey	Surveyed hole 14CL0001 with loop Figure 8, from 600m to 870m, Z component.
25.07.14	Survey	Surveyed hole 14CL0001 with loop Figure 8, from 20m to 420m, XY components.
26.07.14	Survey	Surveyed hole 14CL0002 and 14CL0003 with Mount Sopris probes.
27.07.14	Survey	Surveyed hole 14CL0001 with loop Figure 8, from 420m to 600m, XY components.
28.07.14	Survey	Surveyed hole 14CL0001 with loop Figure 8, from 600m to 870m, XY components.
29.07.14	Survey	Surveyed hole 14CL0003 with Mount Sopris probes.
30.07.14	Survey	Started to lay loop 14CL_S2.
31.07.14	Standby	Continued laying loop 14CL_S2.
1.08.14	Standby	Continued laying loop 14CL_S2.
2.08.14	Survey	Surveyed hole 14CL0003 with loop CL_2014_S1, from 10m to 500m, Z component. Continued laying loop 14CL_S2.
3.08.14	Survey	Surveyed hole 14CL0003 with loop CL_2014_S1, from 10m to 760m, Z component.





		Continued laying loop 14CL_S2.
4.08.14	Survey	Surveyed hole 14CL0003 with loop CL_2014_S1, from 20m to 500m, XY components. Continued laying loop 14CL_S2.
5.08.14	Survey	Surveyed hole 14CL0003 with loop CL_2014_S1, from 500m to 755m, XY components.
8.09.14	MOB	MOB.
9.09.14	Survey	Setup borehole gear for hole 14CL0005.
10.09.14	Survey	Setup on hole 14CL0005 and repaired loop for survey.
11.09.14	Survey	Surveyed hole 14CL0005 with loop CL_2014_N1 from 20m to 800m, Z component.
12.09.14	Survey	Surveyed hole 14CL0005 with loop CL_2014_N1 from 20m to 580m, XY components.
13.09.14	Survey	Surveyed hole 14CL0005 with loop CL_2014_N1 from 580m to 800m, XY components.
14.09.14	Survey	Surveyed hole 14CL0005 with loop CL_2014_S1 from 20m to 580m, XY components.
15.09.14	Survey	Surveyed hole 14CL0005 with loop CL_2014_S1 from 580m to 800m, XY components and from 20m to 800m, Z component.
16.09.14	Survey	Started laying loop 14CL_S2.
17.09.14	Survey	Started laying loop 14CL_S2.
18.09.14	Survey	Finished laying loop 14CL_S2.
19.09.14	Survey	Surveyed hole 14CL0004 with loop 14CL_S2 from 10m to 55m, XY components.
20.09.14	Survey	Surveyed hole 14CL0004 with loop 14CL_S2 from 10m to 60m, Z component. Surveyed hole 14CL0003 with loop 14CL_S2 from 20m to 760m, Z component.
21.09.14	Survey	Acquired GPS coordinates for loop 14CL_S2.
22.09.14	Survey	Surveyed hole 14CL0003 with loop 14CL_S2 from 20m to 760m, XY components.
23.09.14	Survey	Packed up gear for deMOB.
24.09.14	Survey	deMOB.

References

Ravenhurst, W. R., 2001, Step and impulse calculations from pulse-type electromagnetic data: 68th Ann. Internat. Mgt., Soc. Expl. Geophys., Extended Abstracts, 814-816.

Respectfully submitted,

Josh Lymburner, M.Sc.

Crone Geophysics & Exploration Ltd.



Appendix 1: Channel Configurations





The following table's show the various time gates, in milliseconds, that constitute the channel configurations set up in the Crone PEM Receiver used in the surveys discussed in this report.

16-Channel Configuration for the 8.33 ms time base (Induction Probe)

Channel	Start	Finish	Channel	Start	Finish
PP	-0.2	-0.1			
1	4.8e-02	6.4e-02	2	6.4e-02	8.4e-02
3	8.4e-02	0.112	4	0.112	0.152
5	0.152	0.204	6	0.204	0.268
7	0.268	0.36	8	0.36	0.48
9	0.48	0.64	10	0.64	0.848
11	0.848	1.128	12	1.128	1.496
13	1.496	1.992	14	1.992	2.644
15	2.644	3.512	16	3.512	4.664

20-Channel Configuration for the 16.66 ms time base (Induction Probe)

Channel	Start	Finish	Channel	Start	Finish
PP	-0.2	-0.1			
1	4.8e-02	6.4e-02	2	6.4e-02	8.4e-02
3	8.4e-02	0.112	4	0.112	0.152
5	0.152	0.204	6	0.204	0.268
7	0.268	0.36	8	0.36	0.48
9	0.48	0.64	10	0.64	0.848
11	0.848	1.128	12	1.128	1.496
13	1.496	1.992	14	1.992	2.644
15	2.644	3.512	16	3.512	4.664
17	4.664	6.192	18	6.192	8.22
19	8.22	10.916	20	10.916	14.4

22-Channel Configuration for the 50.00 ms time base (Induction Probe)

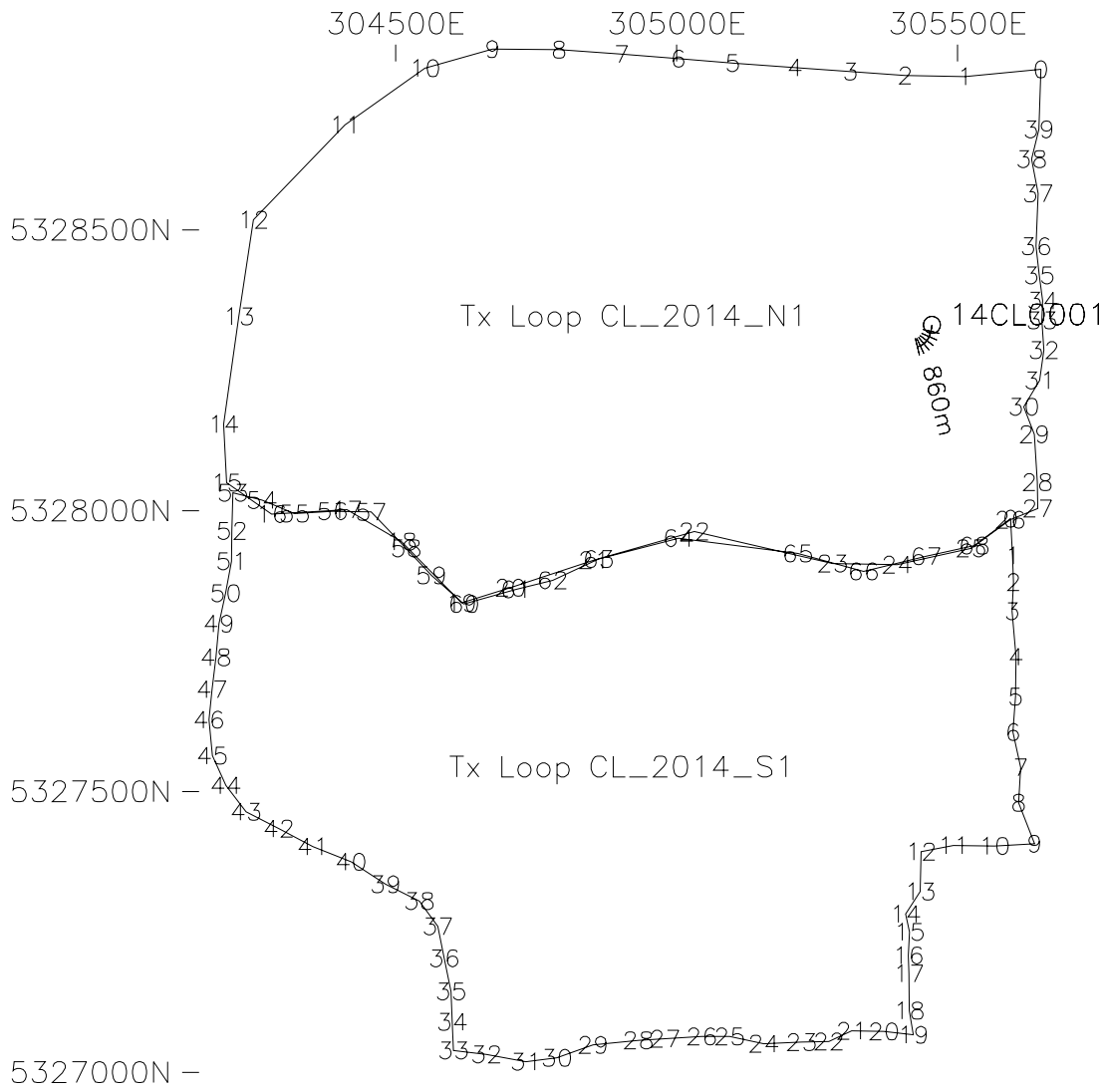
Channel	Start	Finish	Channel	Start	Finish
PP	-0.2	-0.1			
1	4.8e-02	6.4e-02	2	6.4e-02	8.4e-02
3	8.4e-02	0.112	4	0.112	0.152
5	0.152	0.204	6	0.204	0.268
7	0.268	0.36	8	0.36	0.48
9	0.48	0.64	10	0.64	0.848
11	0.848	1.128	12	1.128	1.496
13	1.496	1.992	14	1.992	2.644
15	2.644	3.512	16	3.512	4.664
17	4.664	6.192	18	6.192	8.22
19	8.22	10.916	20	10.916	14.4
21	14.4	31.068	22	31.068	47.736





Appendix 2: Profile Plan Maps



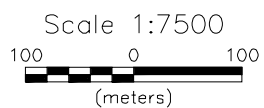
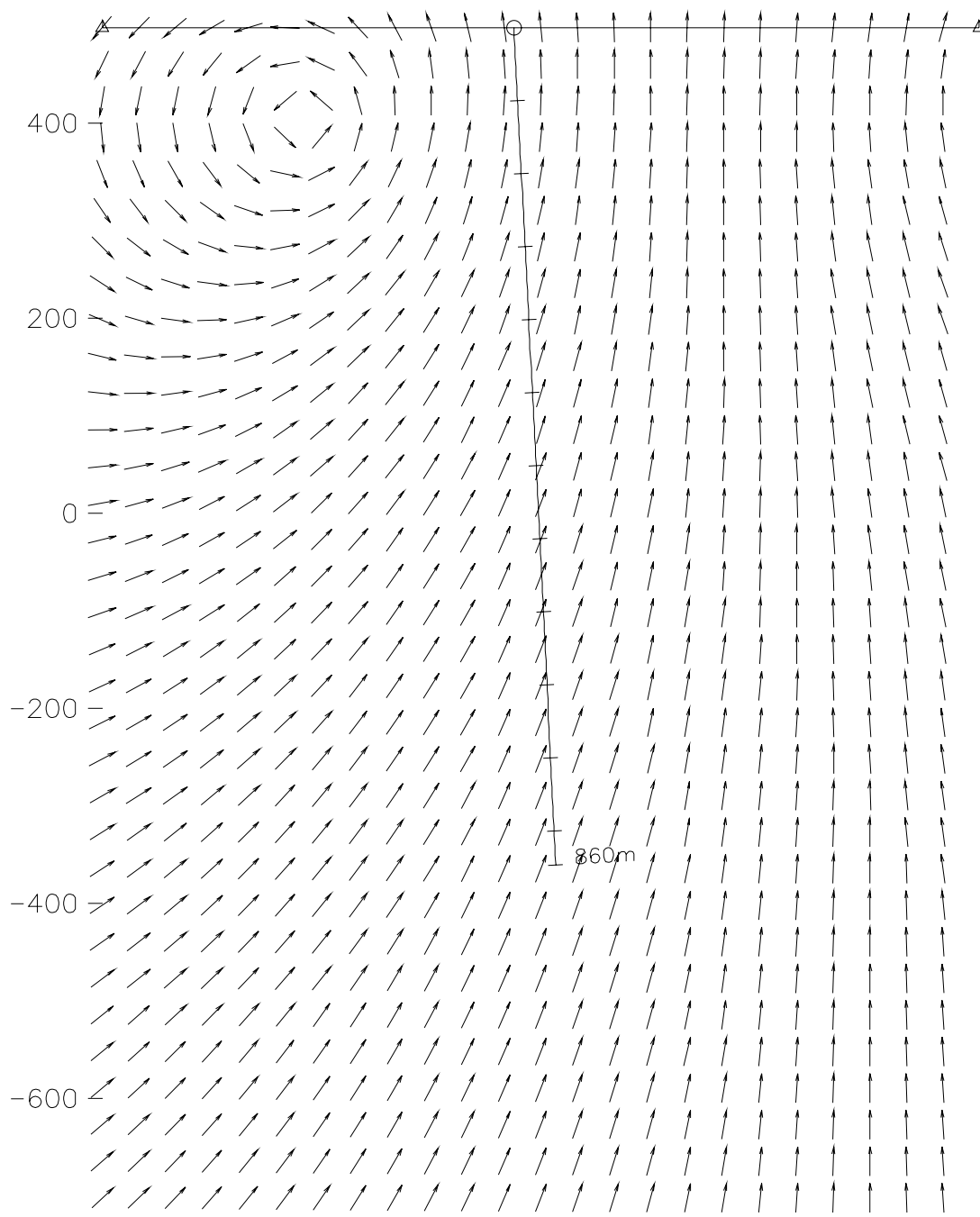


<i>Rio Tinto Exploration</i> Crystal Lake
3-D Borehole Pulse EM Survey Borehole & Loop Location Map
Hole: 14CL0001 Survey Date: June 24, 2014
<i>Crone Geophysics & Exploration Ltd.</i>

305816E, 5328549N

14CL0001

305064E, 5328055N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

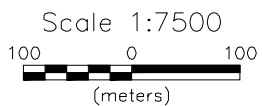
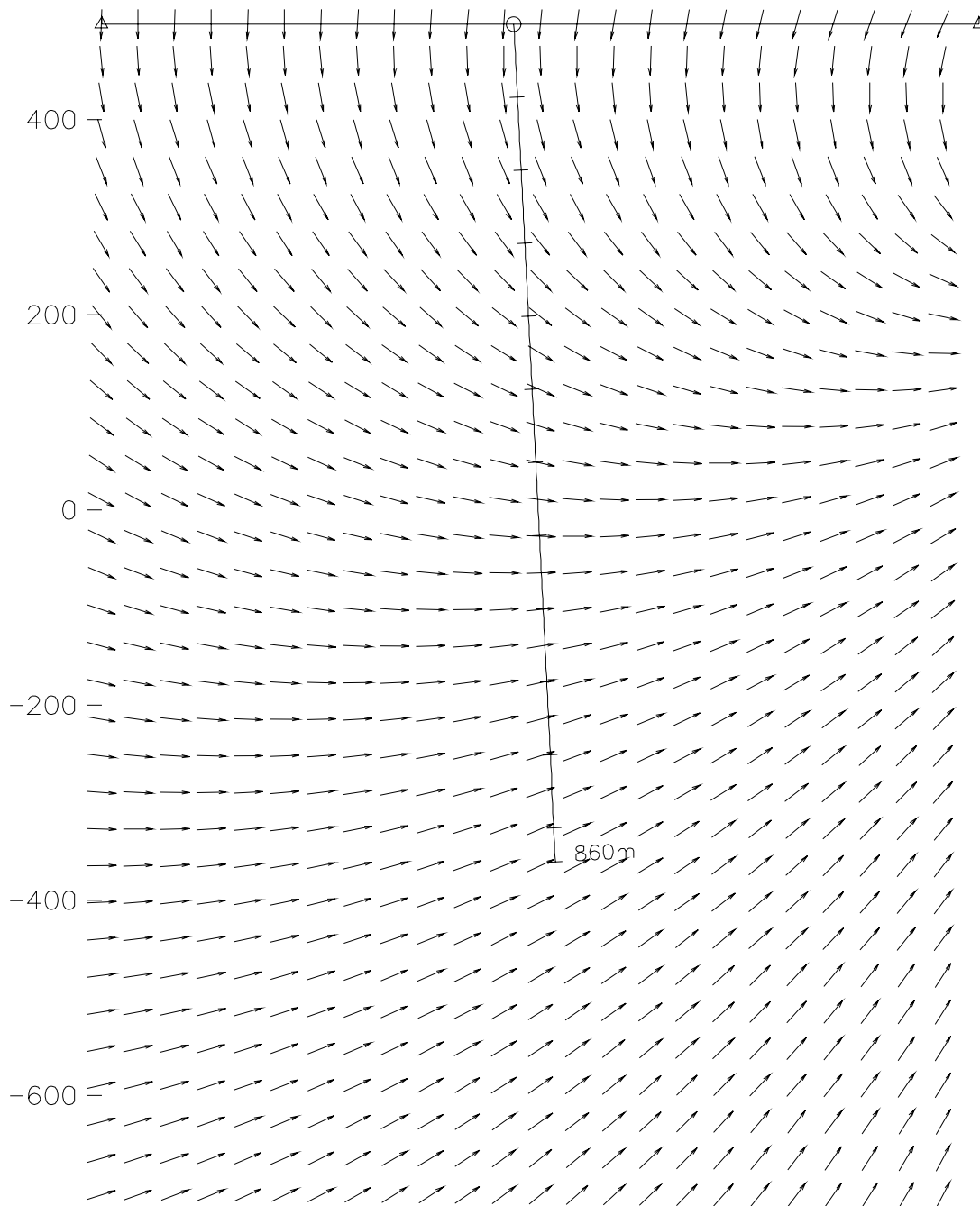
Hole: 14CL0001, Tx: CL_2014_N1
Survey Date: June 24, 2014

Crone Geophysics & Exploration Ltd.

305816E, 5328549N

14CL0001

305064E, 5328055N

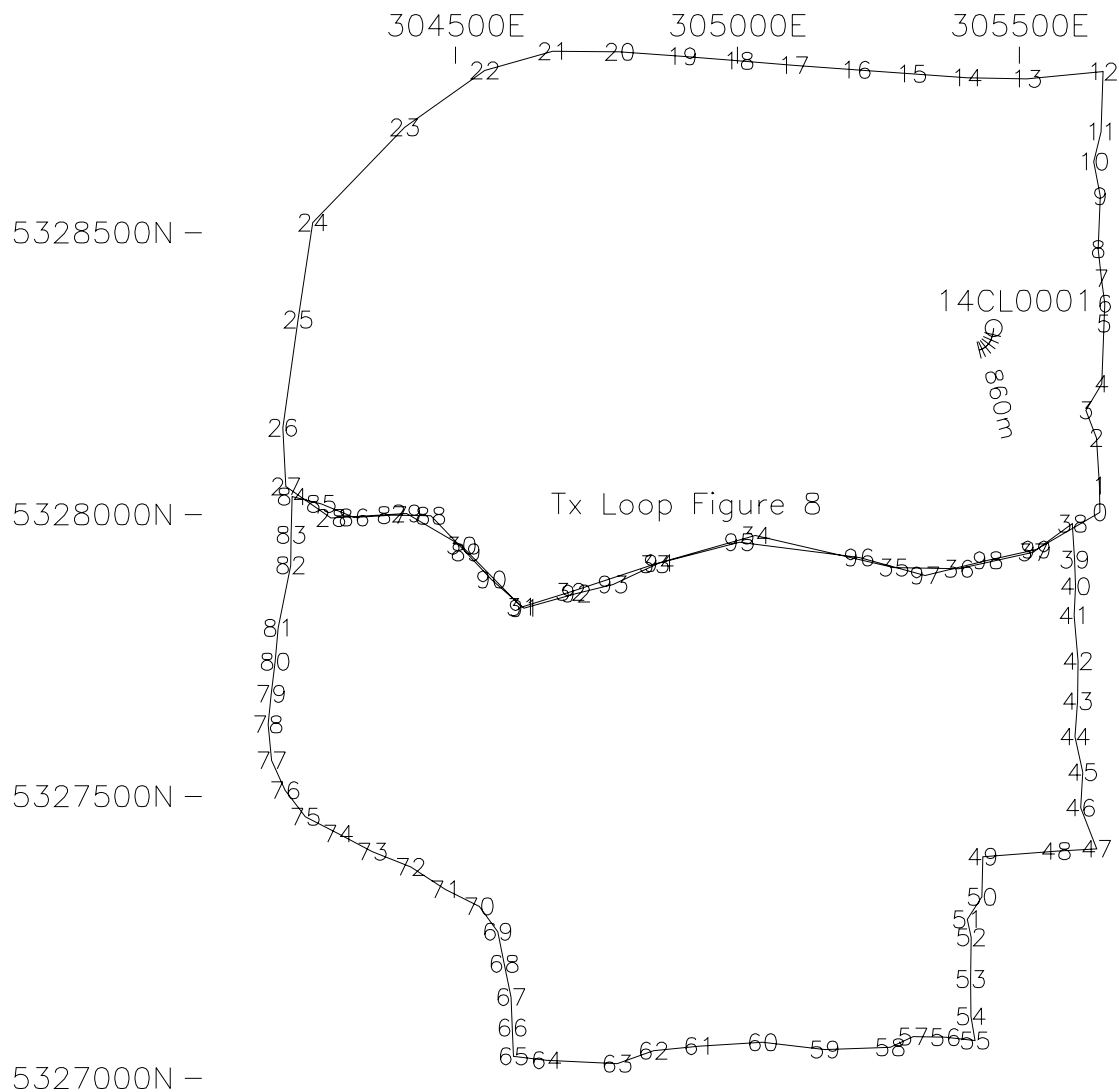


Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 14CL0001, Tx: CL_2014_S1
Survey Date: June 24, 2014

Crone Geophysics & Exploration Ltd.

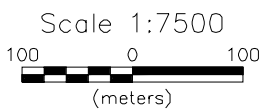
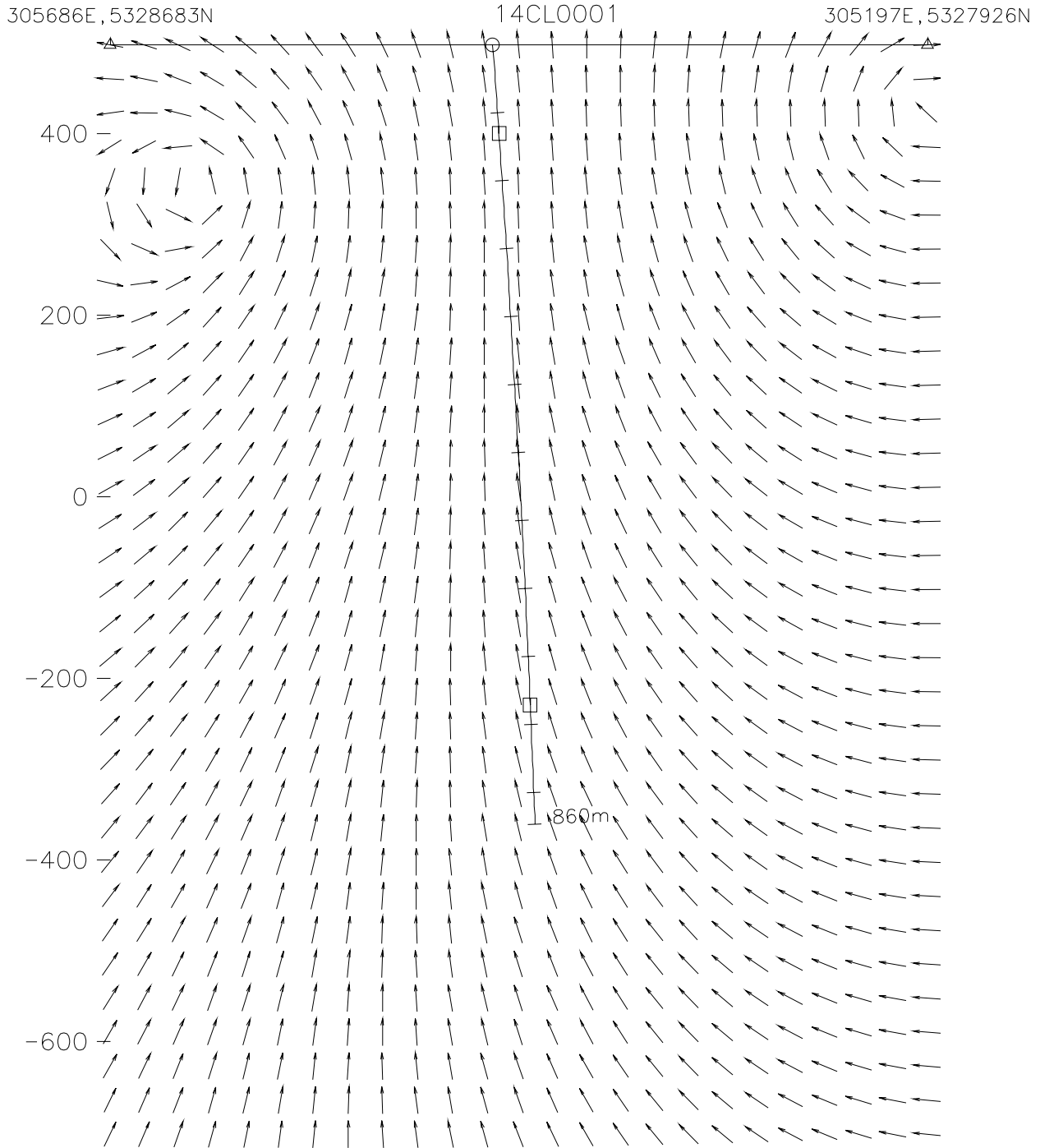


Rio Tinto Exploration
 Crystal Lake

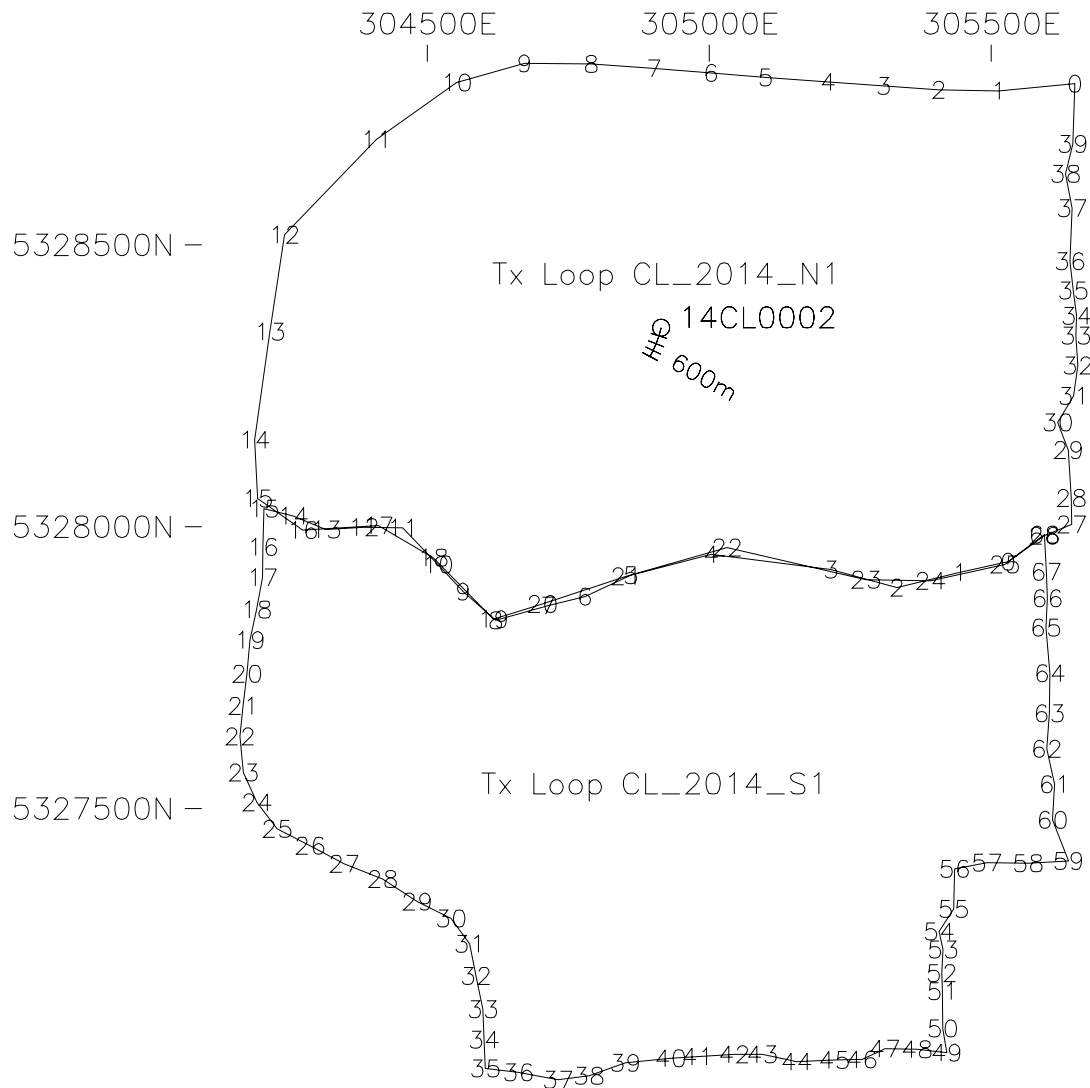
3-D Borehole Pulse EM Survey
 Borehole & Loop Location Map

Hole: 14CL0001
 Survey Date: July 25, 2014

Crone Geophysics & Exploration Ltd.



<p><i>Rio Tinto Exploration</i> Crystal Lake</p>
<p>3-D Borehole Pulse EM Survey Hole Section with Primary Field</p>
<p>Hole: 14CL0001, Loop: Figure 8 Survey Date: July 25, 2014</p>
<p><i>Crone Geophysics & Exploration Ltd.</i></p>

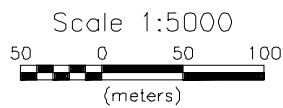
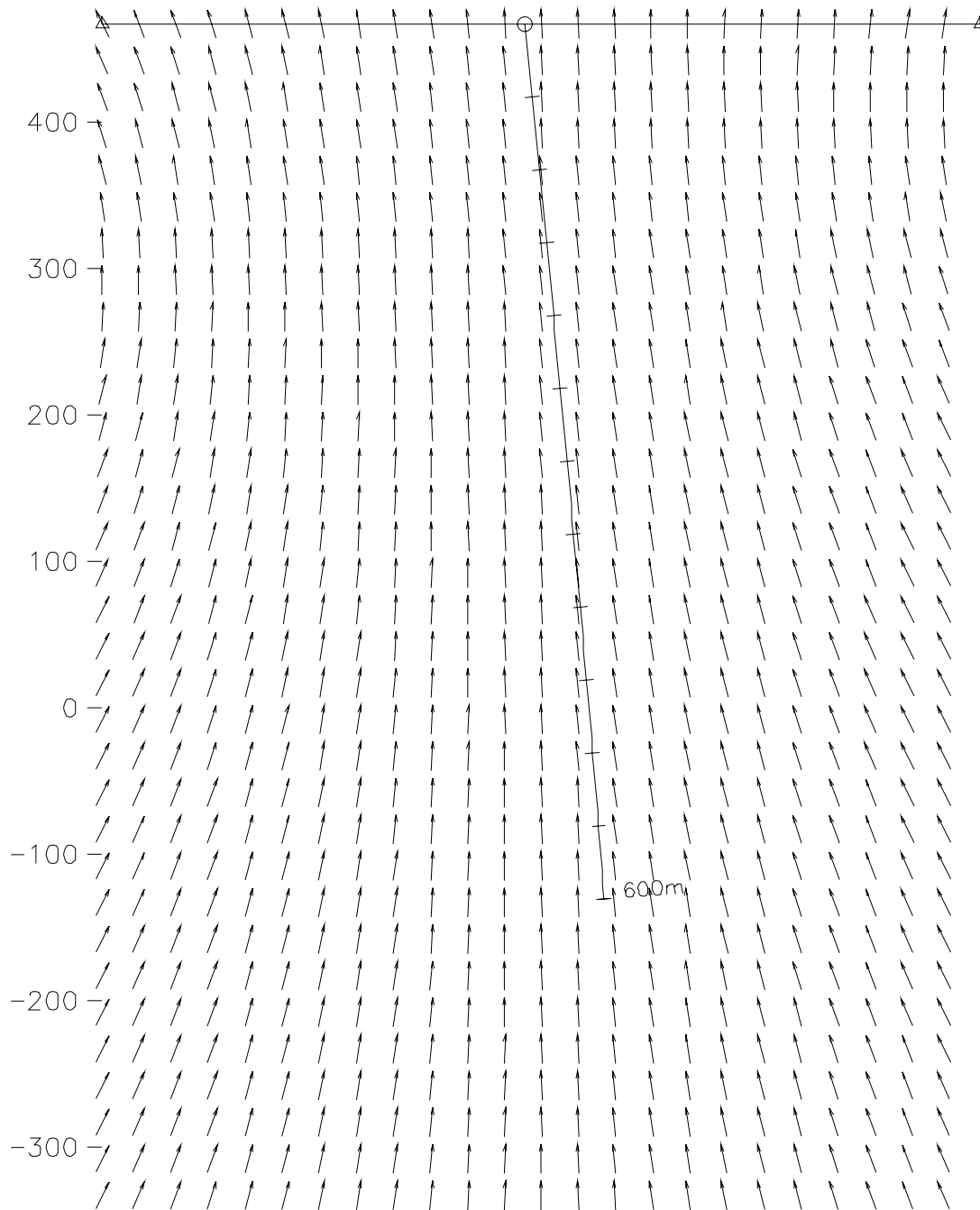


<i>Rio Tinto Exploration</i> Crystal Lake
3-D Borehole Pulse EM Survey Borehole & Loop Location Map
Hole: 14CL0002 Survey Date: July 9-10, 2014
<i>Crone Geophysics & Exploration Ltd.</i>

305034E, 5328615N

14CL0002

304790E, 5328067N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 14CL0002, Tx: CL_2014_N1

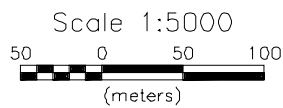
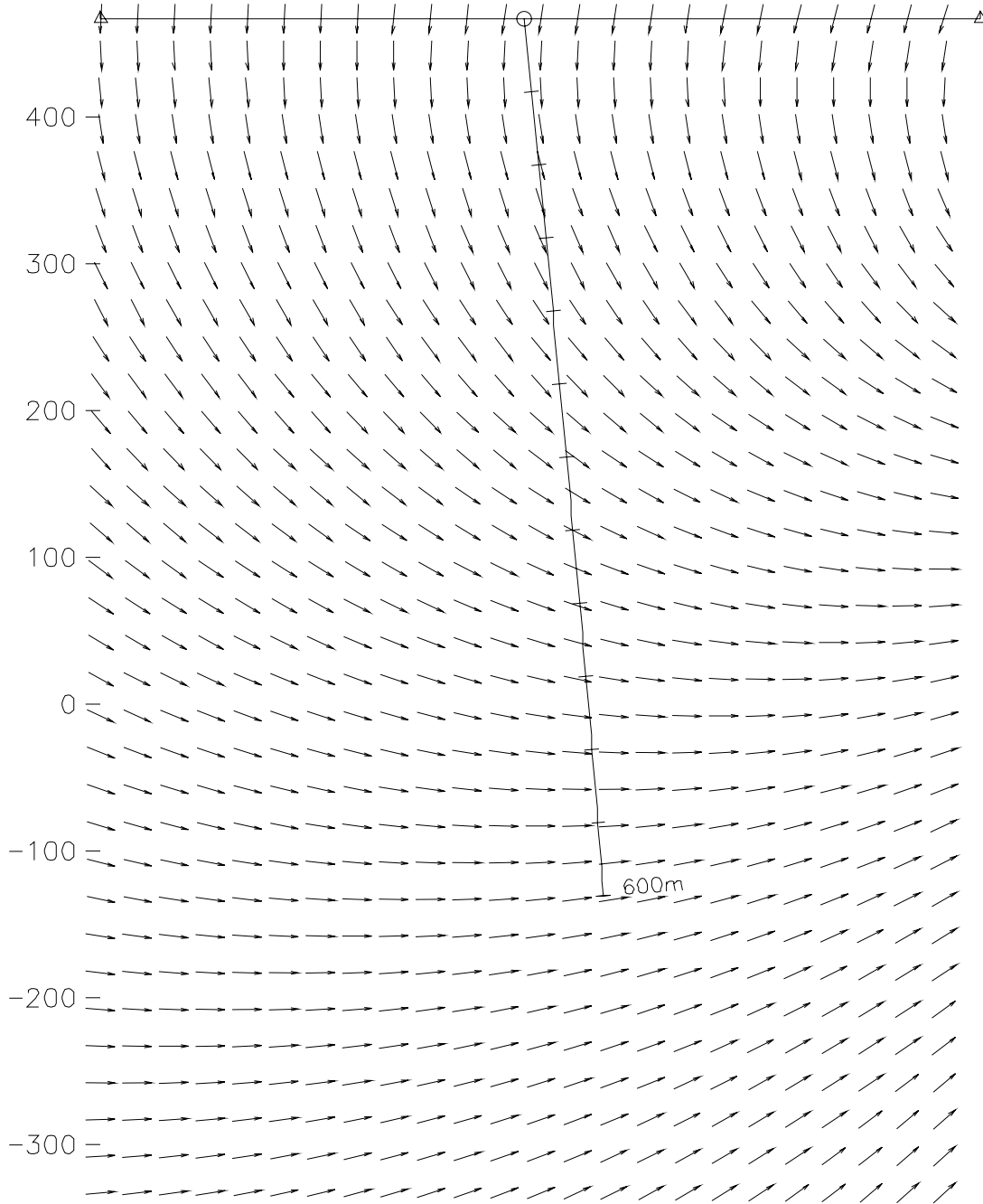
Survey Date: July 10, 2014

Crone Geophysics & Exploration Ltd.

305034E, 5328615N

14CL0002

304790E, 5328067N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 14CL0002, Tx: CL_2014_S1

Survey Date: July 9, 2014

Crone Geophysics & Exploration Ltd.

304000E

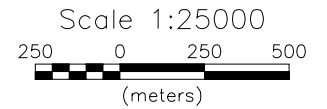
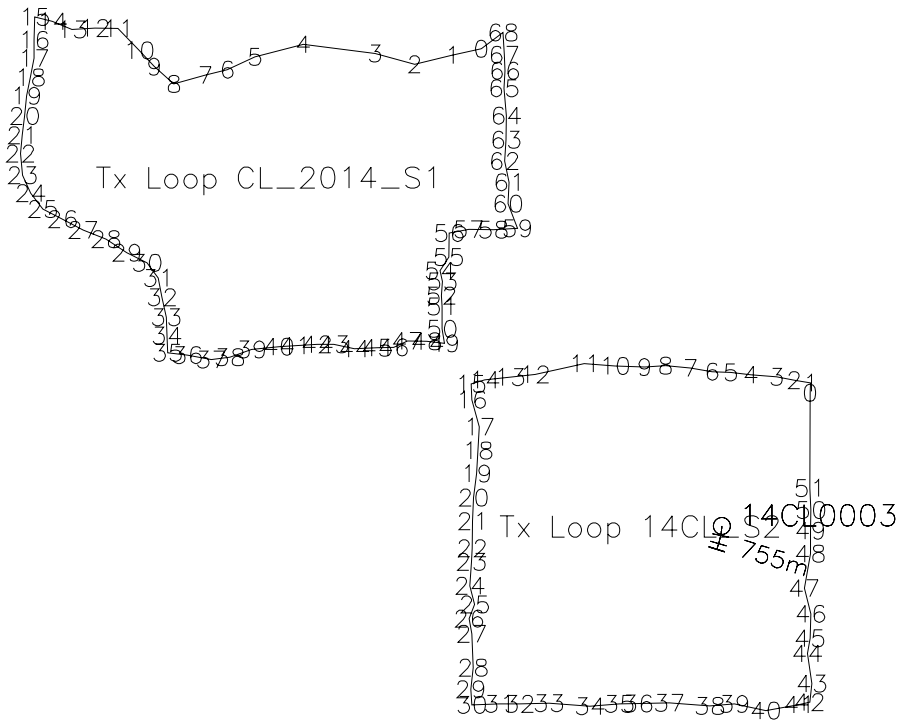
305000E

306000E

5328000N -

5327000N -

5326000N -



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Borehole & Loop Location Map

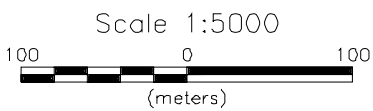
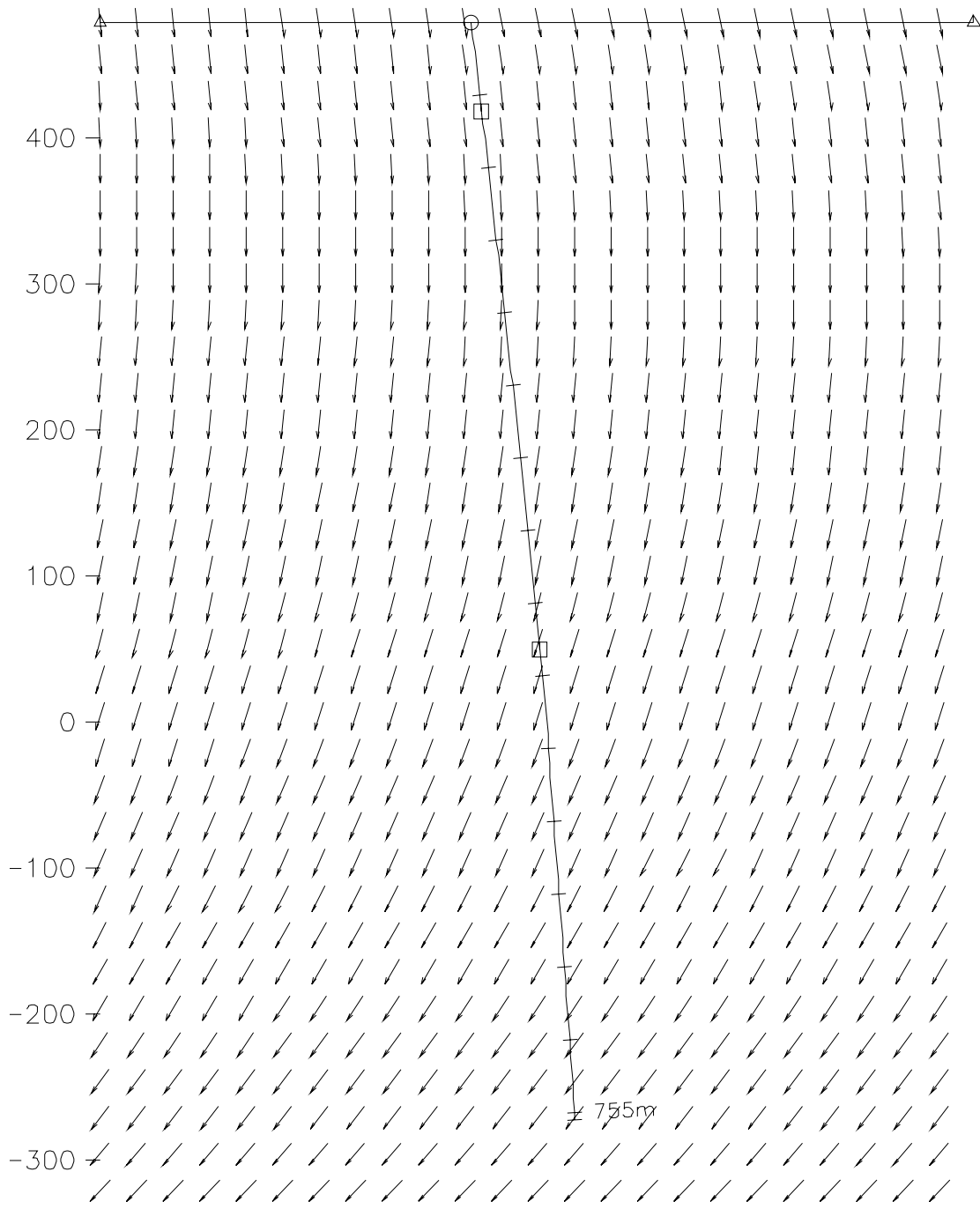
Hole: 14CL0003
Survey Date: August 2, September 22, 2014

Crone Geophysics & Exploration Ltd.

306289E, 5326777N

14CL0003

306178E, 5326189N

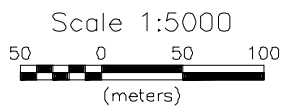
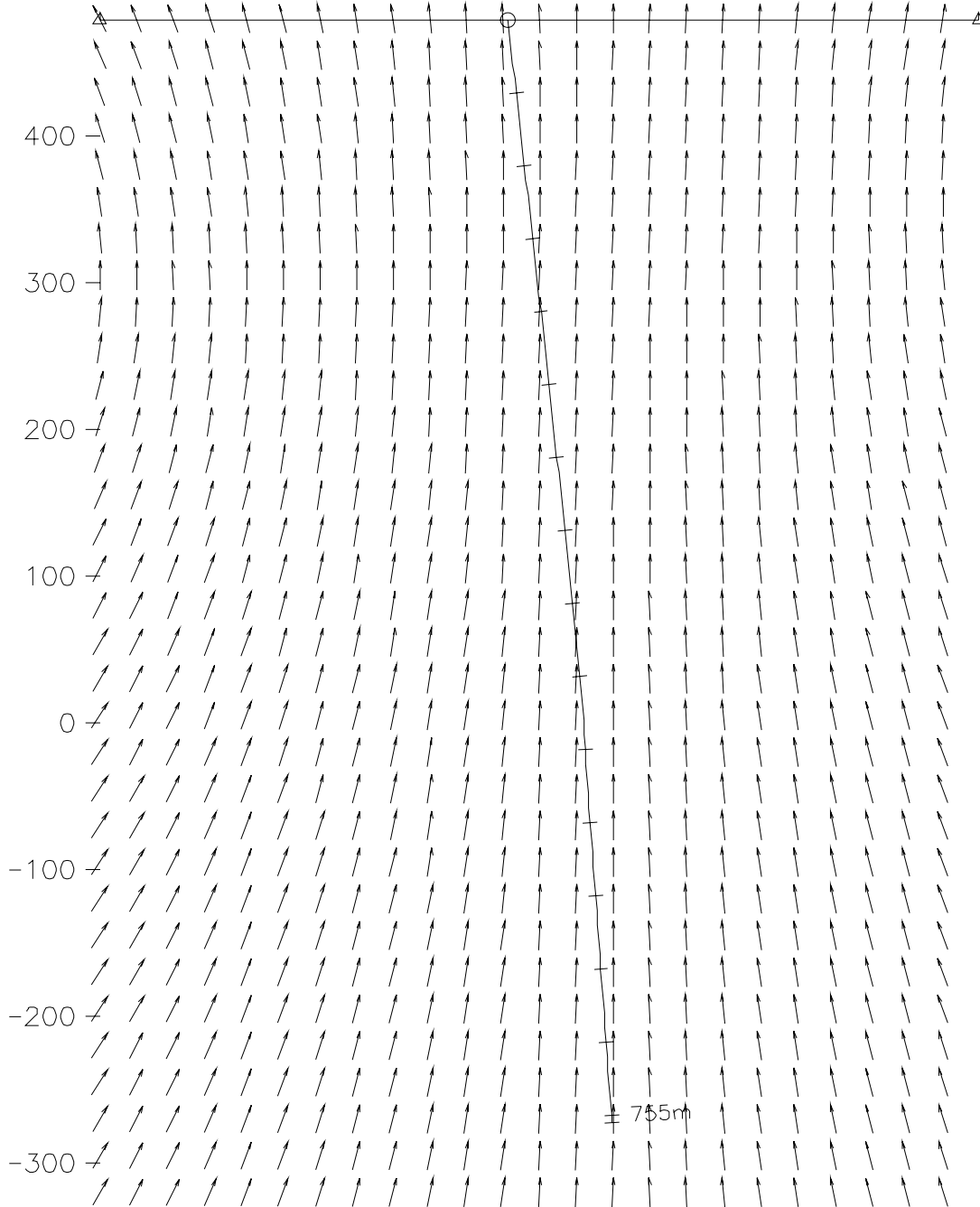


<i>Rio Tinto Exploration</i> Crystal Lake
3-D Borehole Pulse EM Survey Hole Section with Primary Field
Hole:14CL0003 Loop:CL_2014_S1 Survey Date: August 5, 2014
<i>Crone Geophysics & Exploration Ltd.</i>

306306E, 5326798N

14CL0003

306169E, 5326213N



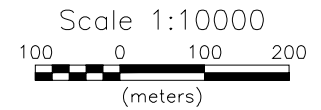
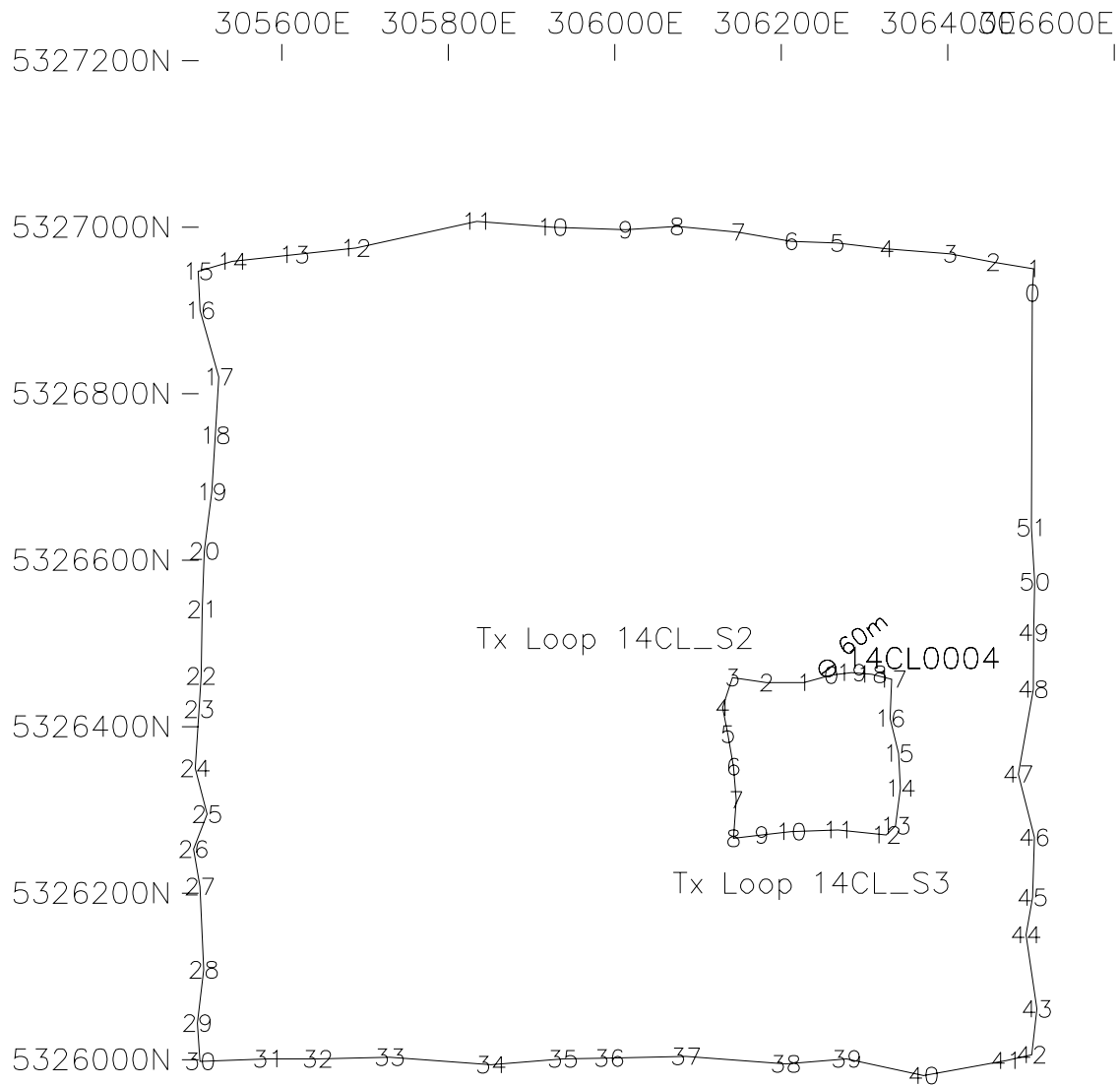
Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 14CL0003, Loop: 14CL_S2

Survey Date: September 22, 2014

Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration
 Crystal Lake

3-D Borehole Pulse EM Survey
 Borehole & Loop Location Map

Hole: 14CL0004

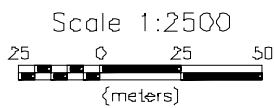
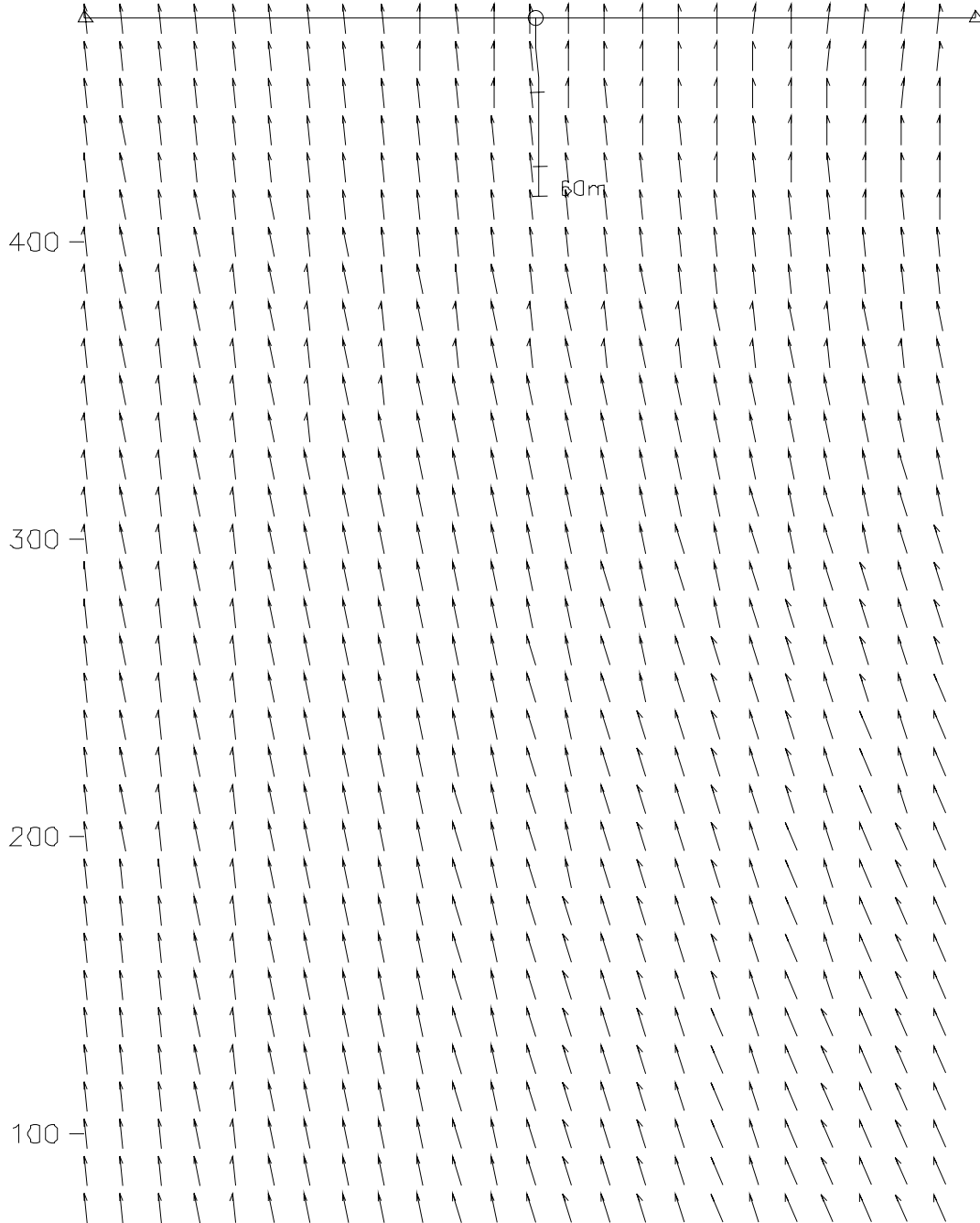
Survey Date: Sept 17-19, 2014

Crone Geophysics & Exploration Ltd.

306167E, 5326593N

14CL0004

306343E, 5326350N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 14CL0004, Loop: 14CL_S2

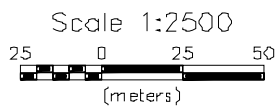
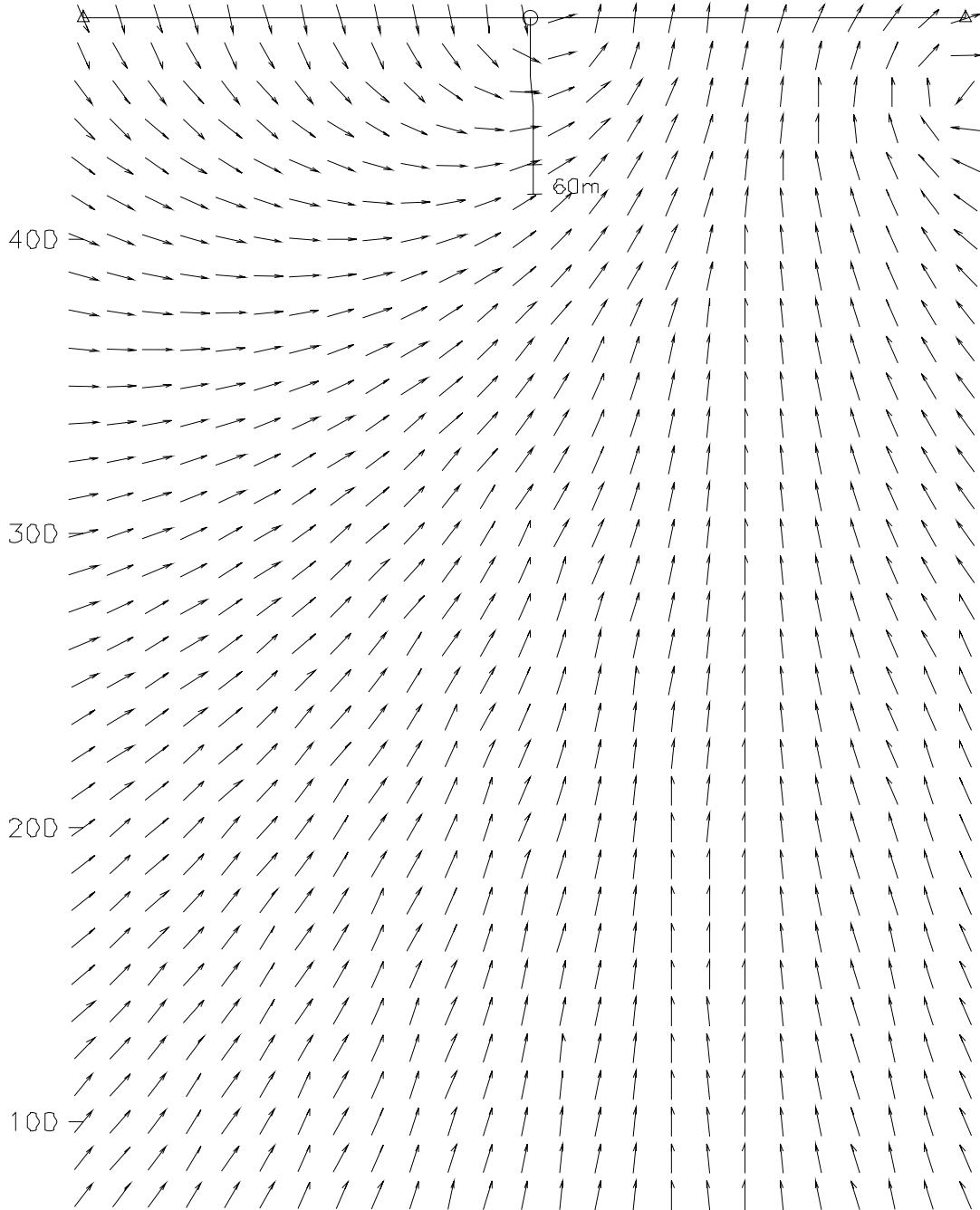
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Crone Geophysics & Exploration Ltd.

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14CL0004

306343E, 5326350N

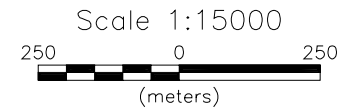
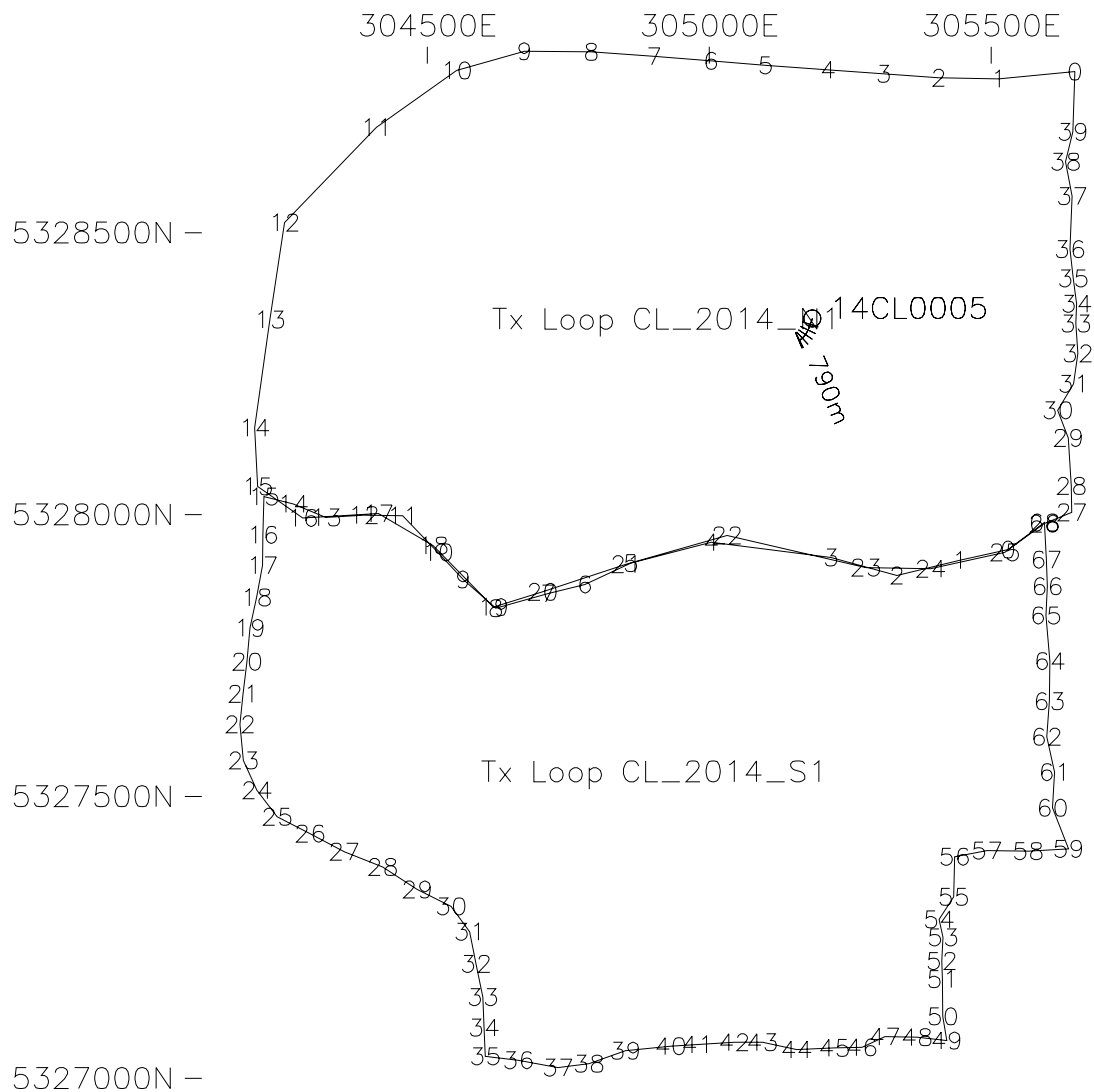


Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole:14CL0004, Loop:14CL_S3
Survey Date: September 17, 2014

Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Borehole & Loop Location Map

Hole: 14CL0005

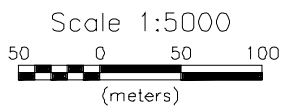
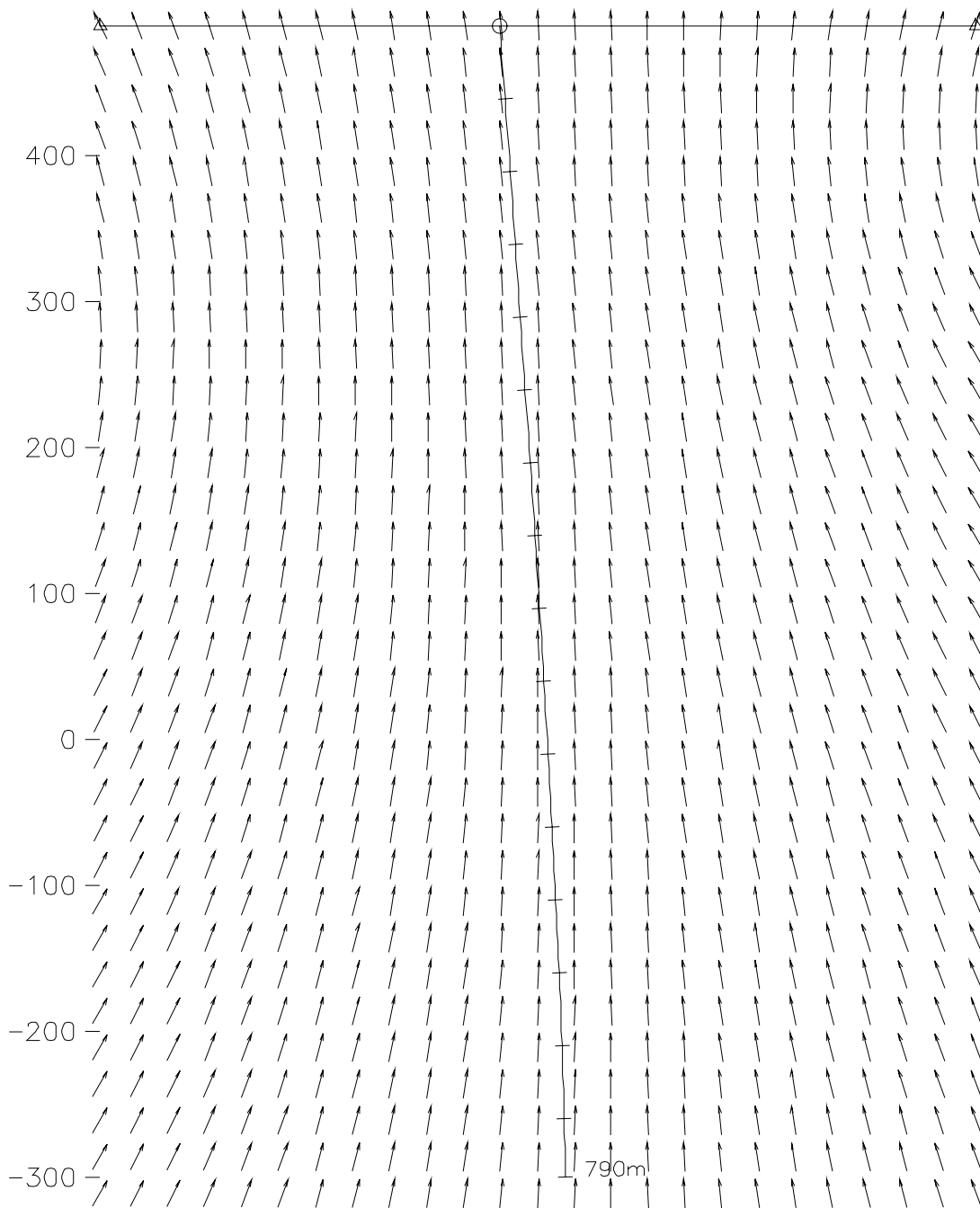
Survey Date: Sept 11-15, 2014

Crone Geophysics & Exploration Ltd.

305332E, 5328576N

14CL0005

305010E, 5328070N

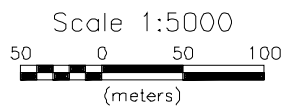
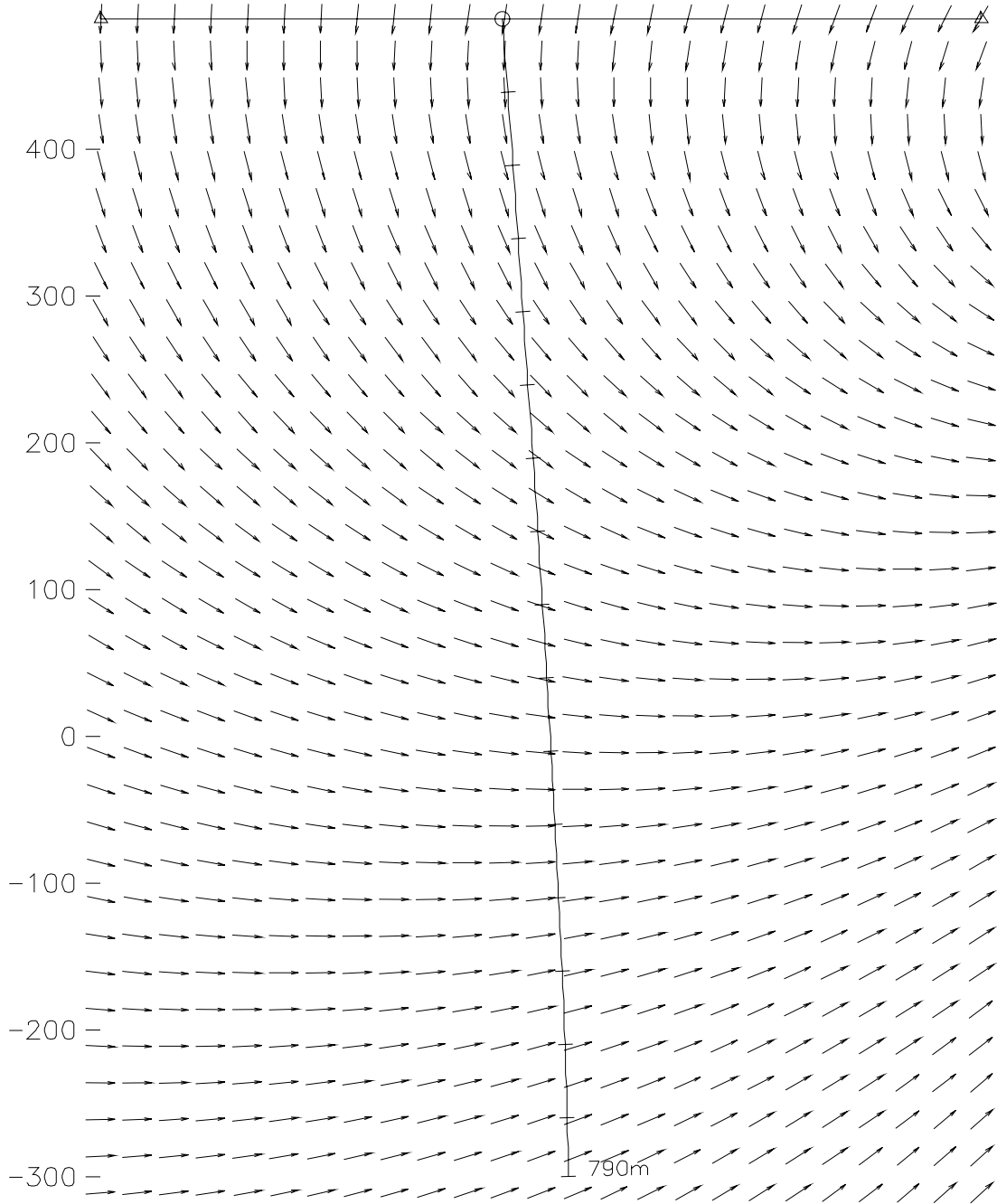


<i>Rio Tinto Exploration</i> Crystal Lake
3-D Borehole Pulse EM Survey Hole Section with Primary Field
Hole:14CL0005, Loop:CL_2014_N1 Survey Date: September 2014
<i>Crone Geophysics & Exploration Ltd.</i>

305332E, 5328576N

14CL0005

305010E, 5328070N



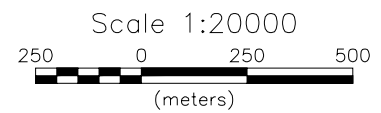
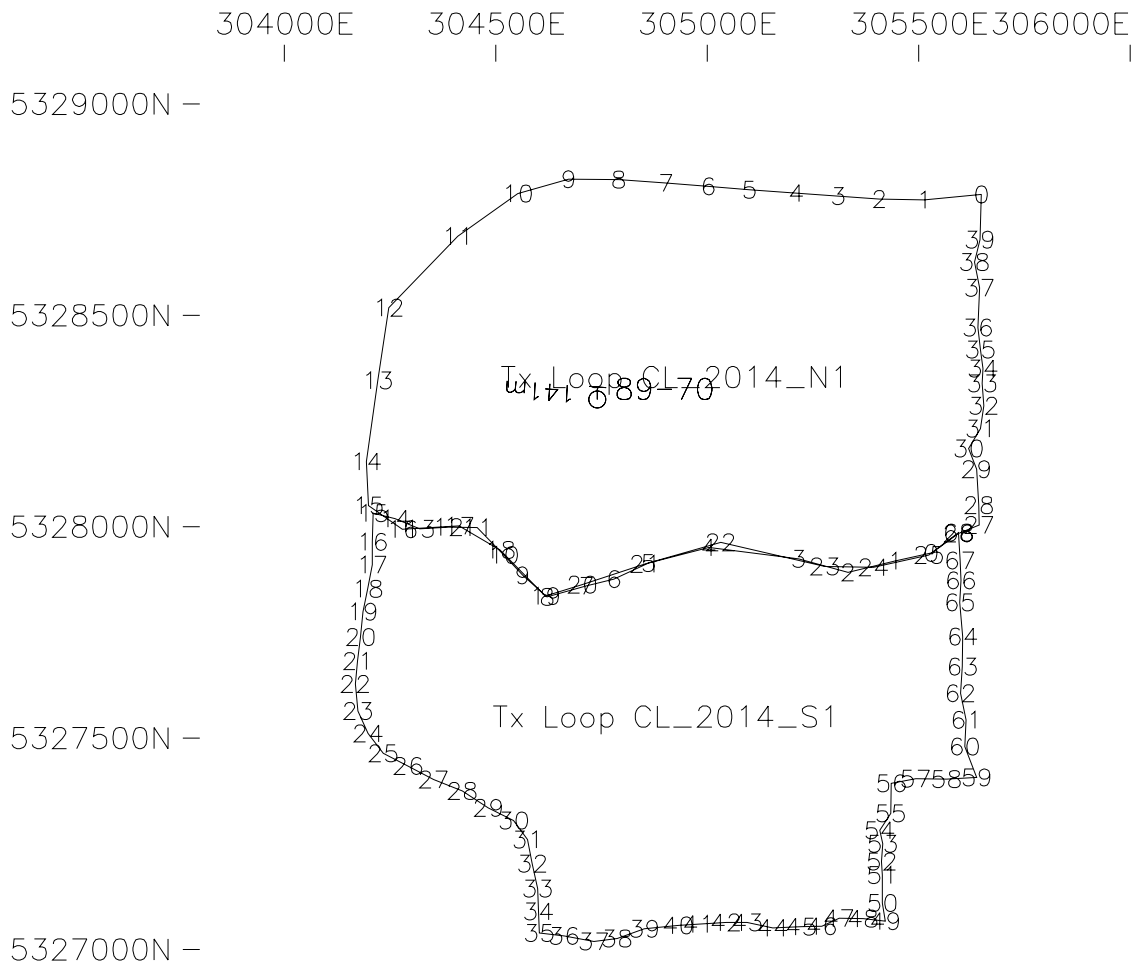
Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole:14CL0005, Loop:CL_2014_S1

Survey Date: September 2014

Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration
 Crystal Lake

3-D Borehole Pulse EM Survey
 Borehole & Loop Location Map

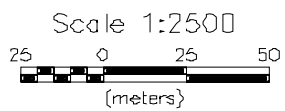
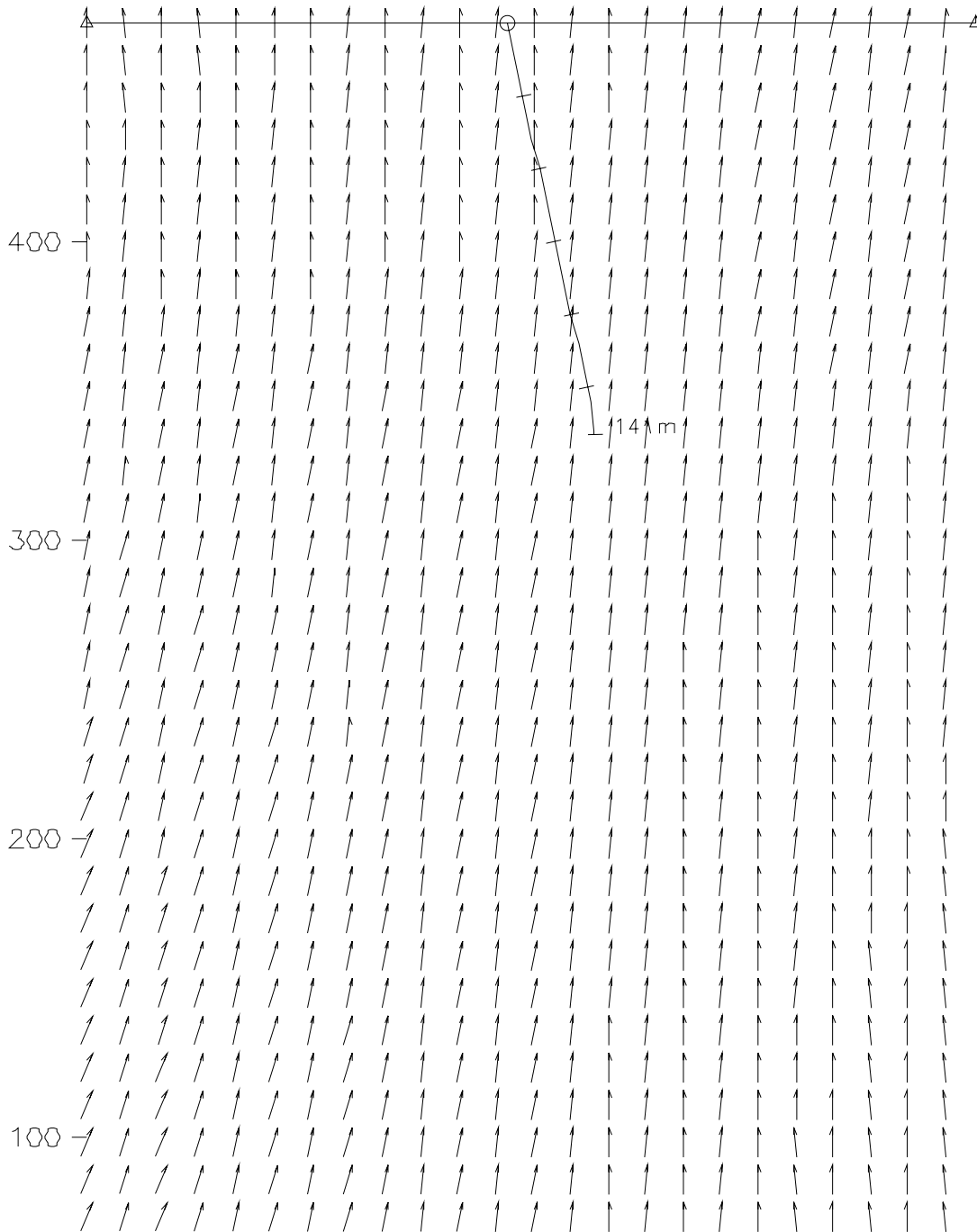
Hole: 89-70
 Survey Date: June 23, 2014

Crone Geophysics & Exploration Ltd.

304739E, 5328160N

89-70

304739E, 5328458N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

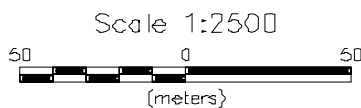
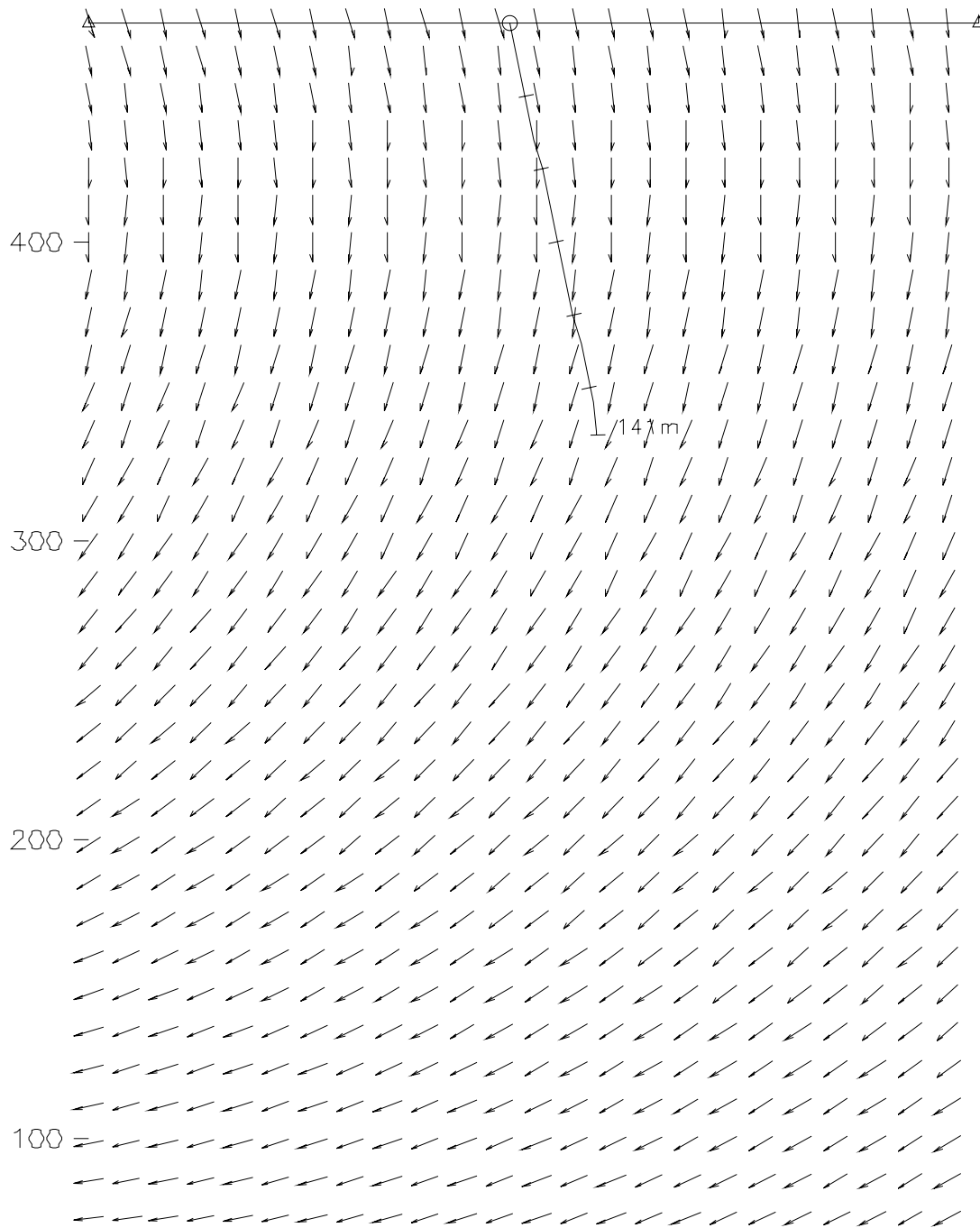
Hole: 89-70, Loop: CL_2014_N1
Survey Date: June 23, 2014

Crane Geophysics & Exploration Ltd.

304739E, 5328160N

89-70

304739E, 5328458N

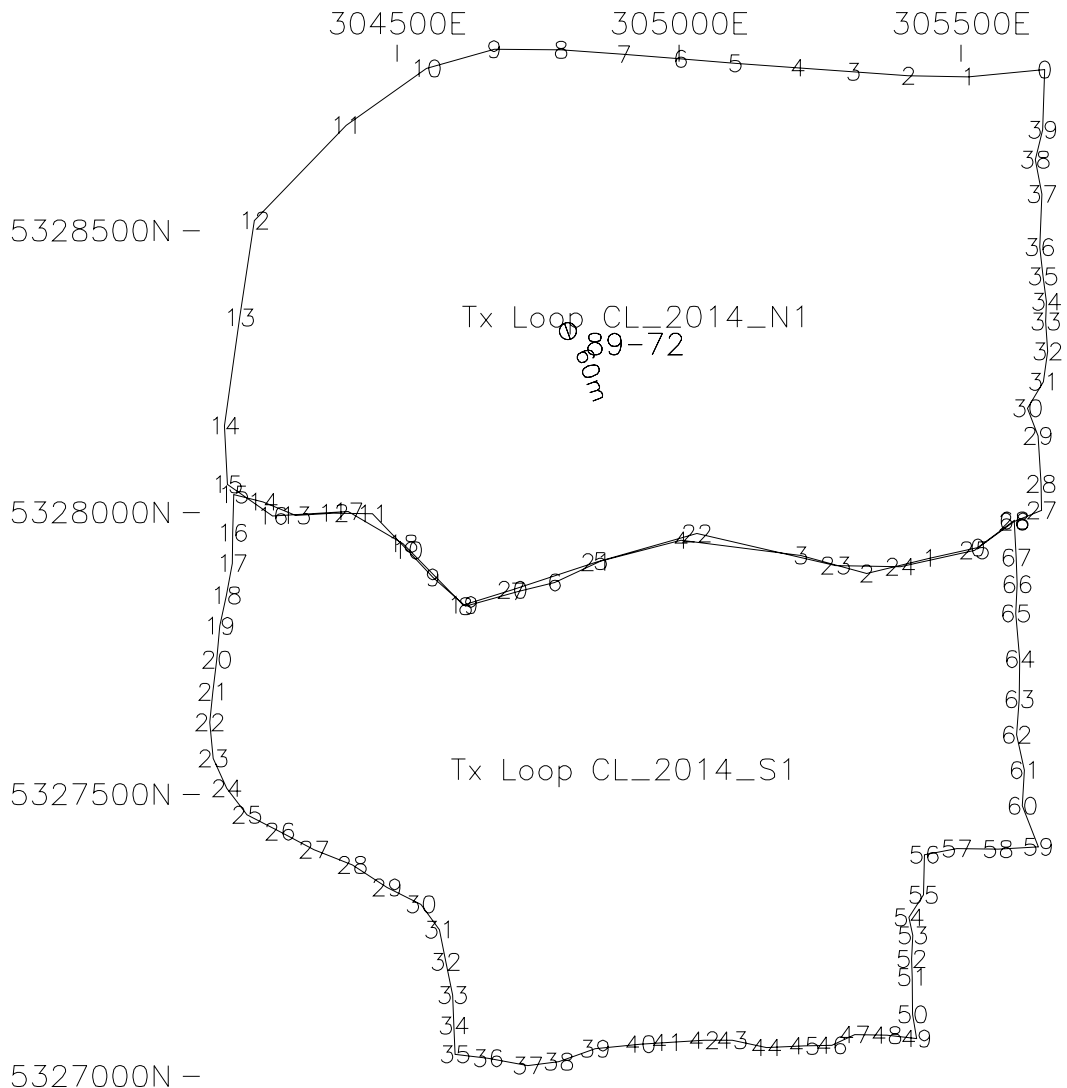


Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 89-70, Loop: CL_2014_S1
Survey Date: June 23, 2014

Crane Geophysics & Exploration Ltd.



Rio Tinto Exploration
 Crystal Lake

3-D Borehole Pulse EM Survey
 Borehole & Loop Location Map

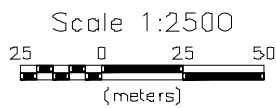
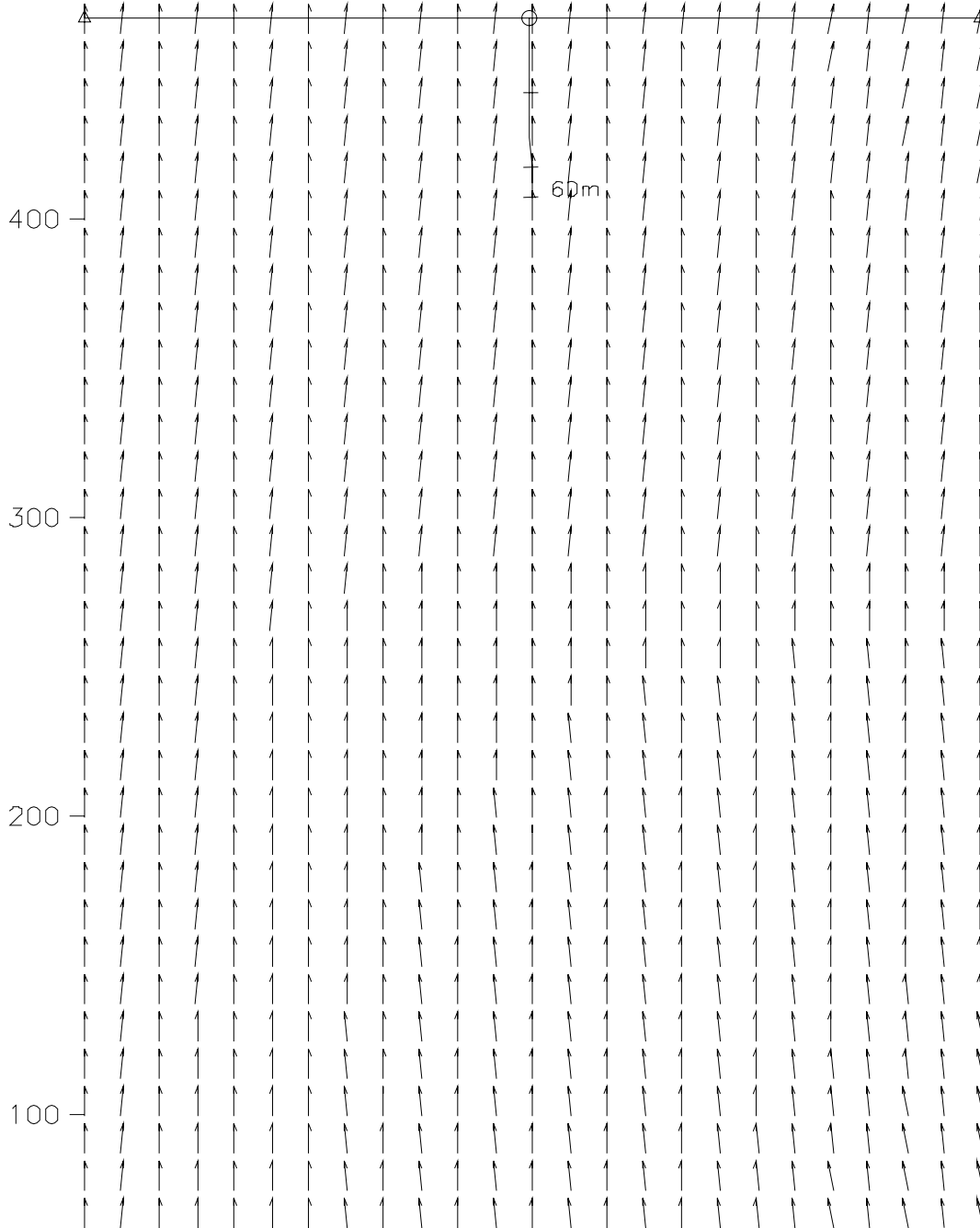
Hole: 89-72
 Survey Date: June 22, 2014

Crone Geophysics & Exploration Ltd.

304942E, 5328373N

89-72

304661E, 5328270N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

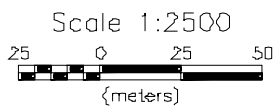
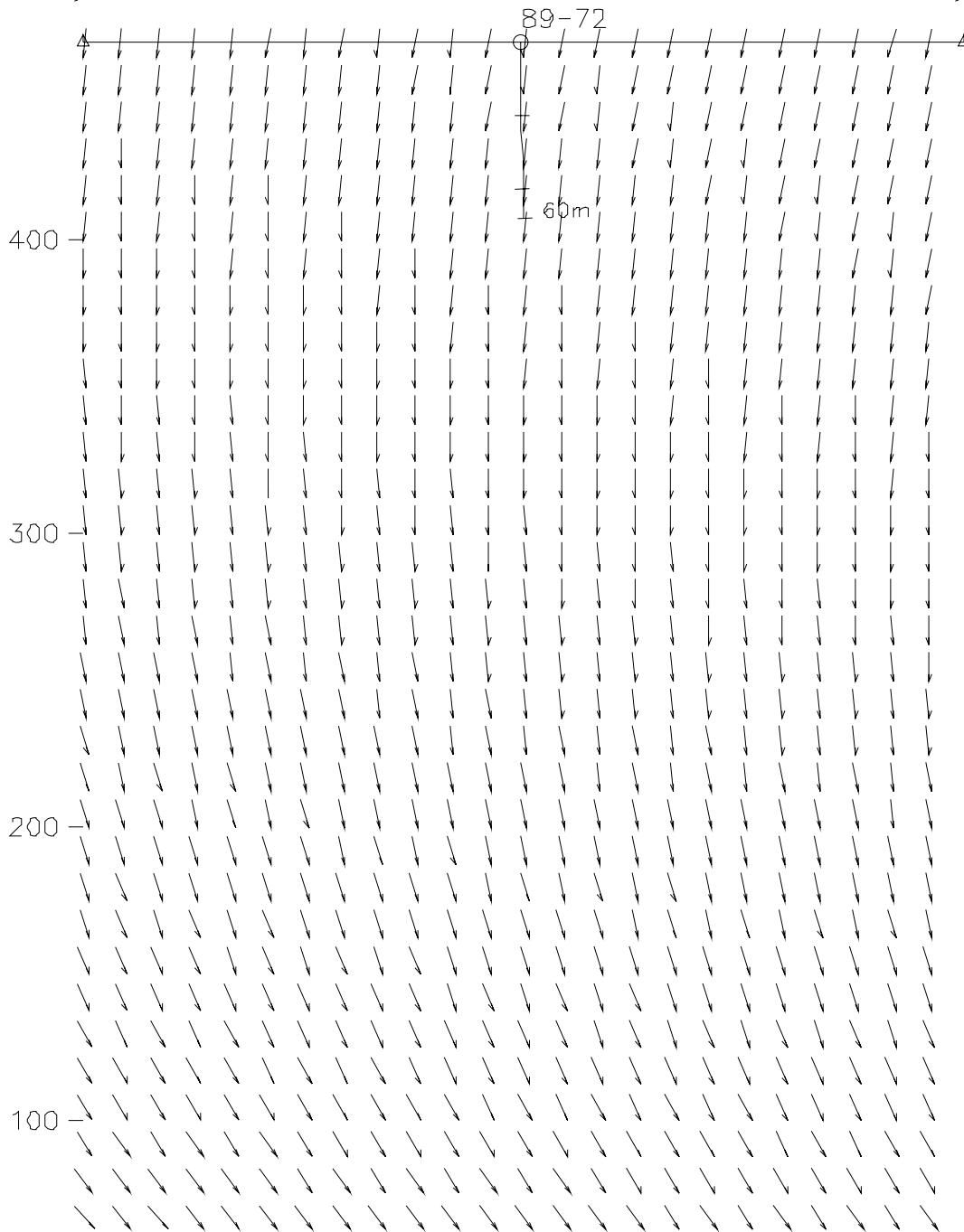
Hole: 89-72, Tx: CL_2014_N1

Survey Date: June 22, 2014

Crone Geophysics & Exploration Ltd.

304942E, 5328373N

304661E, 5328270N



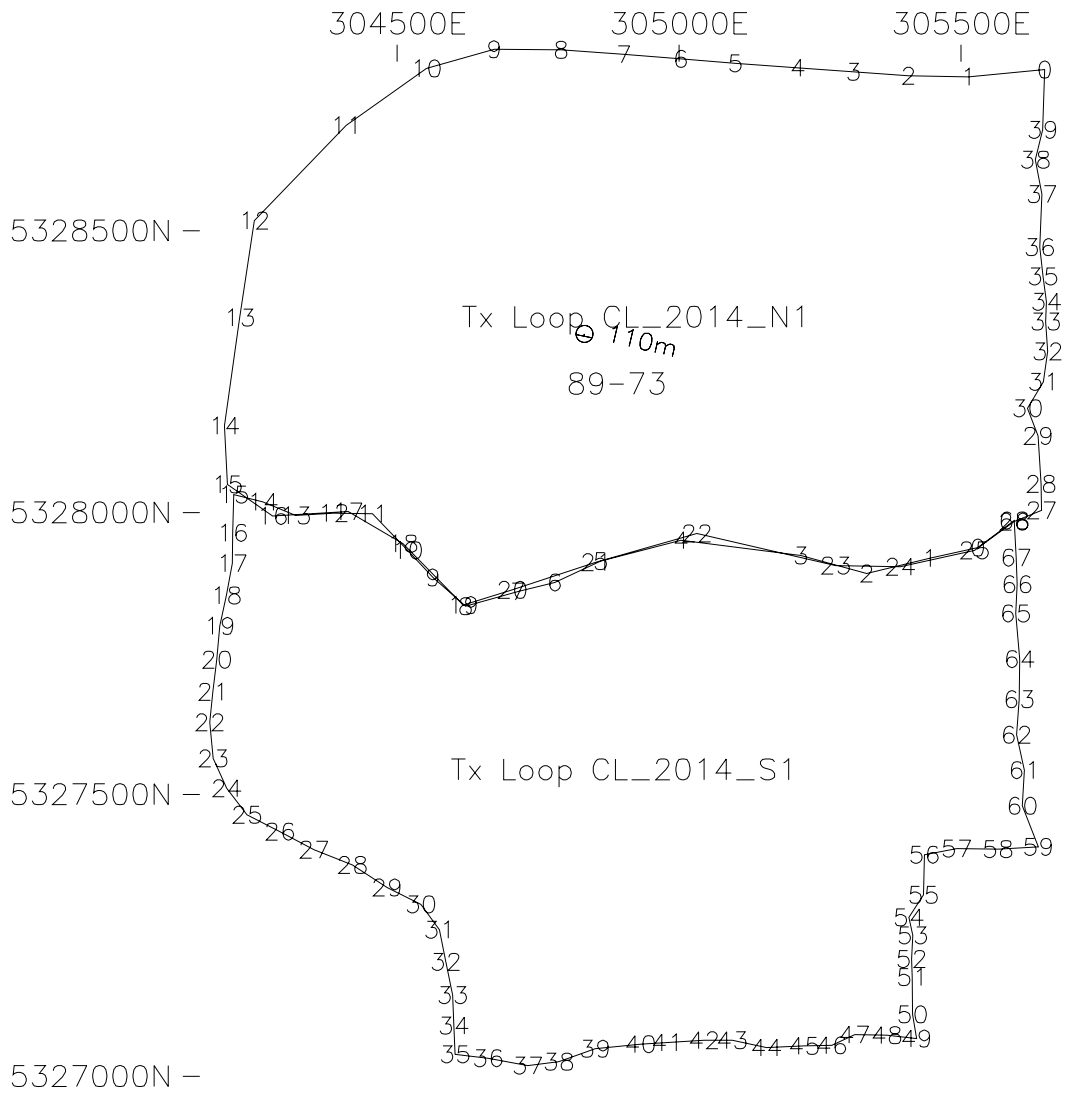
Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 89-72, Tx: CL_2014_S1

Survey Date: June 22, 2014

Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration
 Crystal Lake

3-D Borehole Pulse EM Survey
 Borehole & Loop Location Map

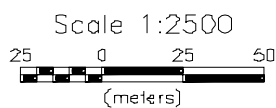
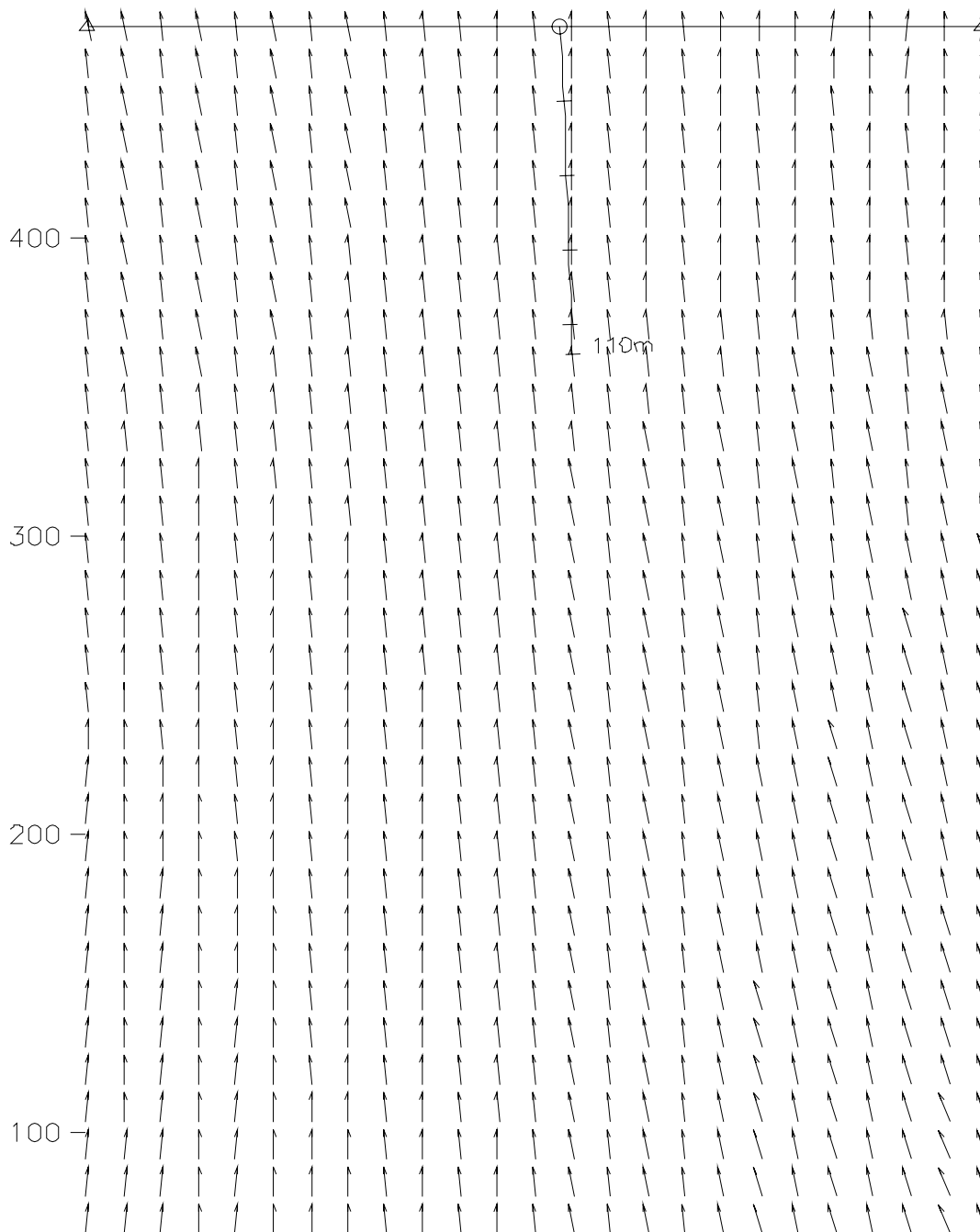
Hole: 89-73
 Survey Date: June 22, 2014

Crone Geophysics & Exploration Ltd.

304865E, 5328472N

89-73

304803E, 5328178N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole:89-73, Tx:CL_2014_N1

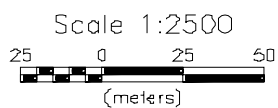
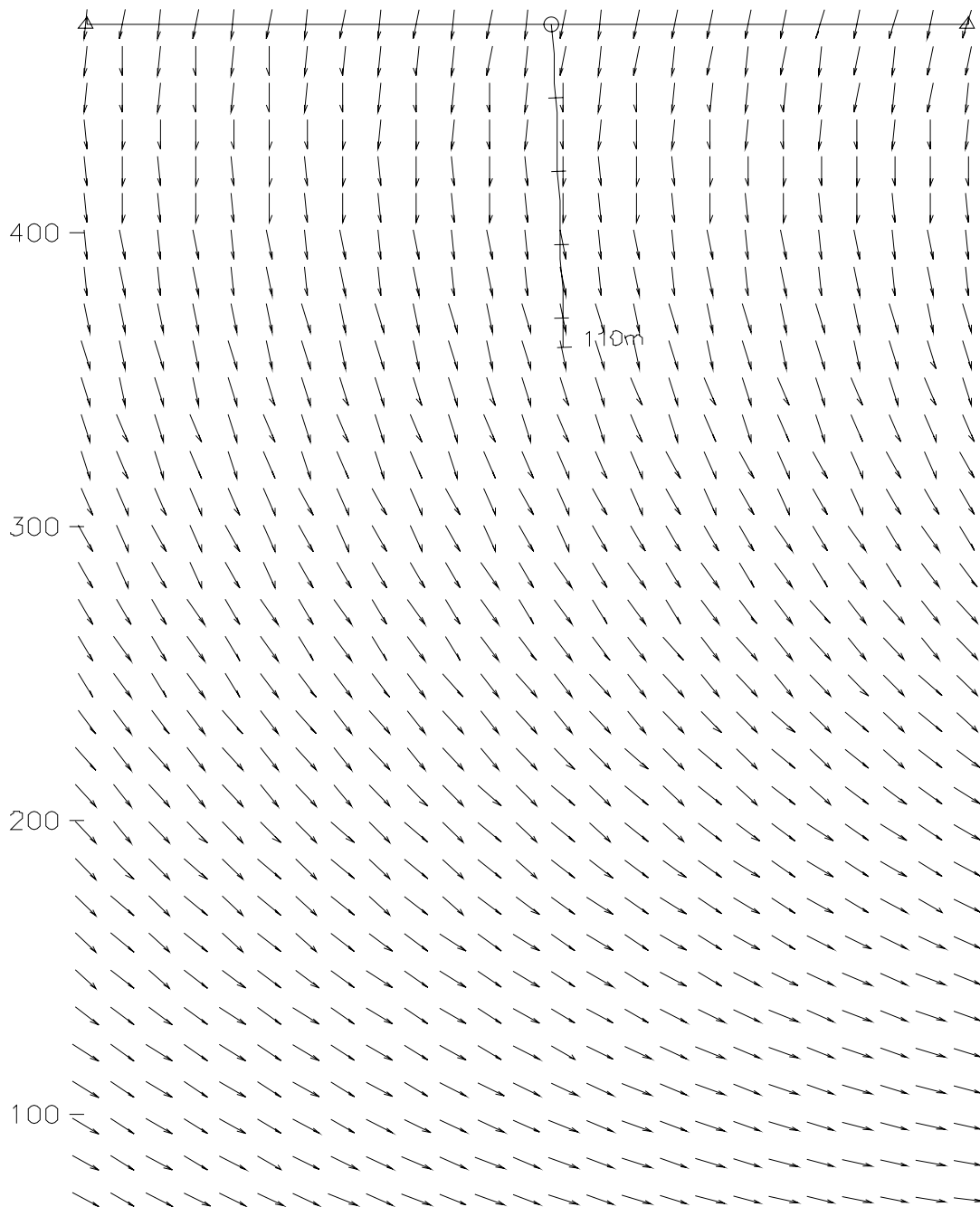
Survey Date: June 22, 2014

Crone Geophysics & Exploration Ltd.

304865E, 5328472N

89-73

304803E, 5328178N



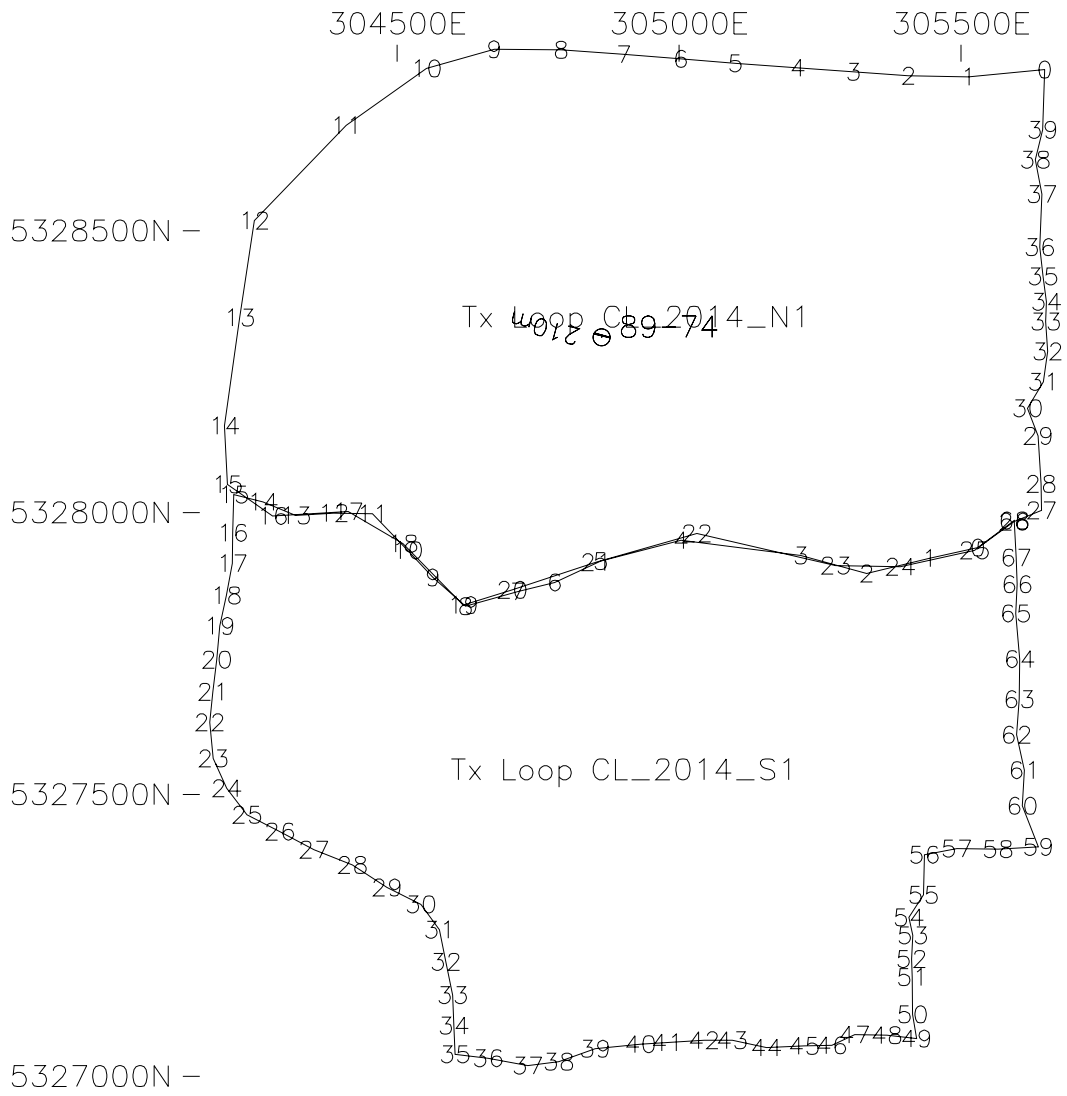
Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 89-73, Tx: CL_2014_S1

Survey Date: June 22, 2014

Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Borehole & Loop Location Map

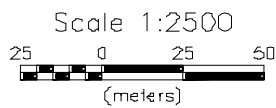
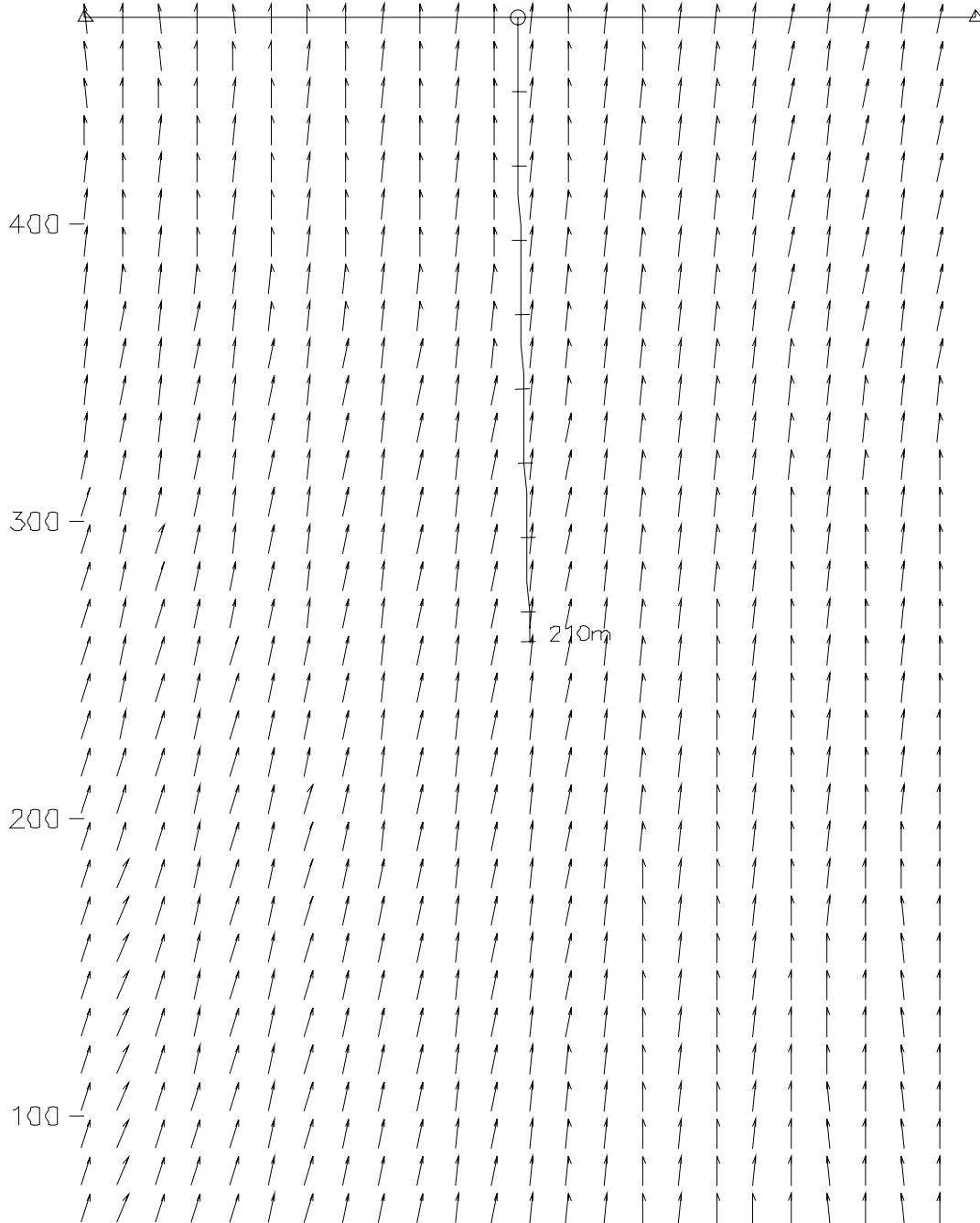
Hole: 89-74
Survey Date: June 18-21, 2014

Crone Geophysics & Exploration Ltd.

304831E, 5328169N

89-74

304896E, 5328462N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole:89-74 ,Tx:CL_2014_N1

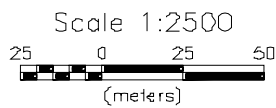
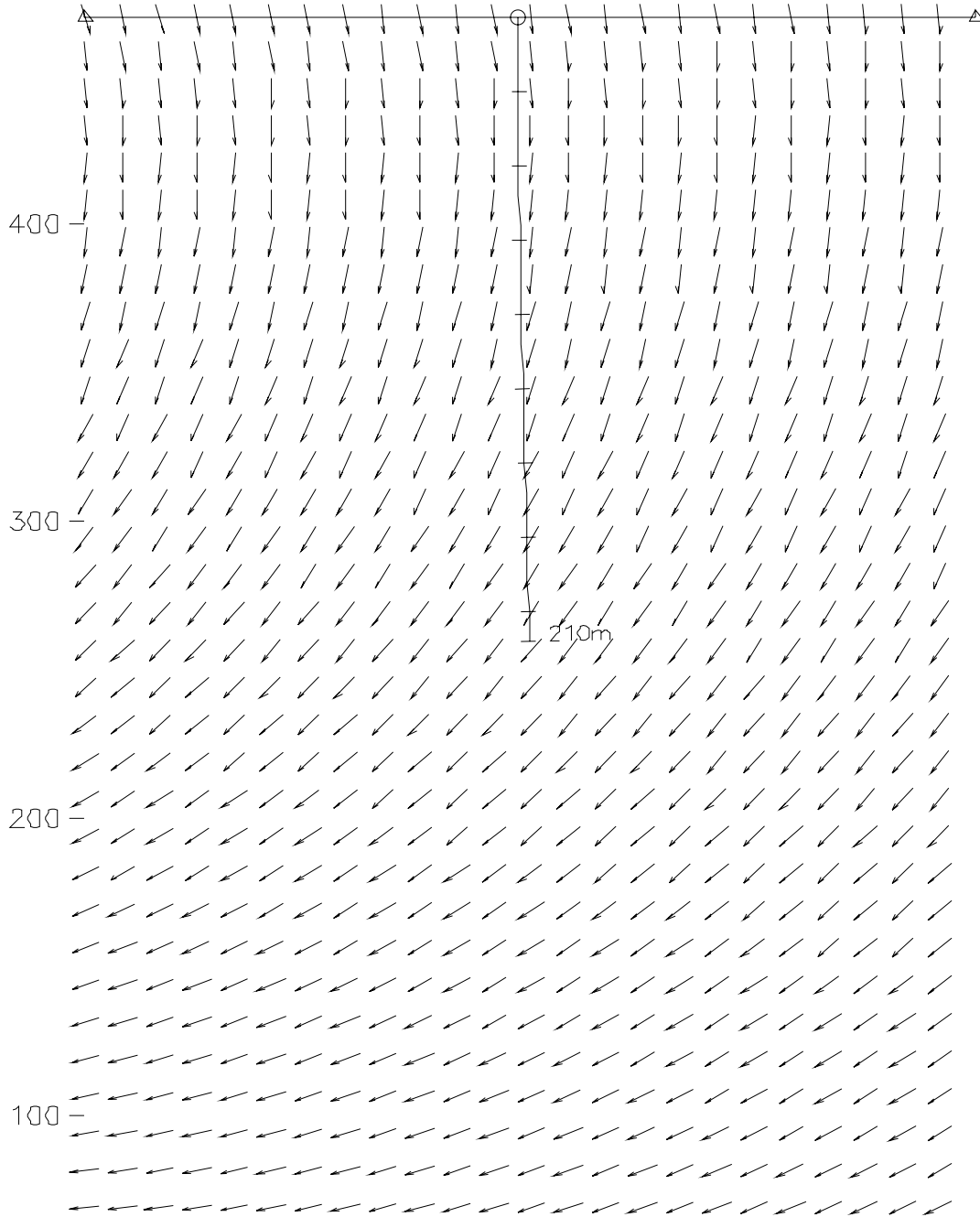
Survey Date: June 21, 2014

Crone Geophysics & Exploration Ltd.

304831E, 5328169N

89-74

304896E, 5328462N



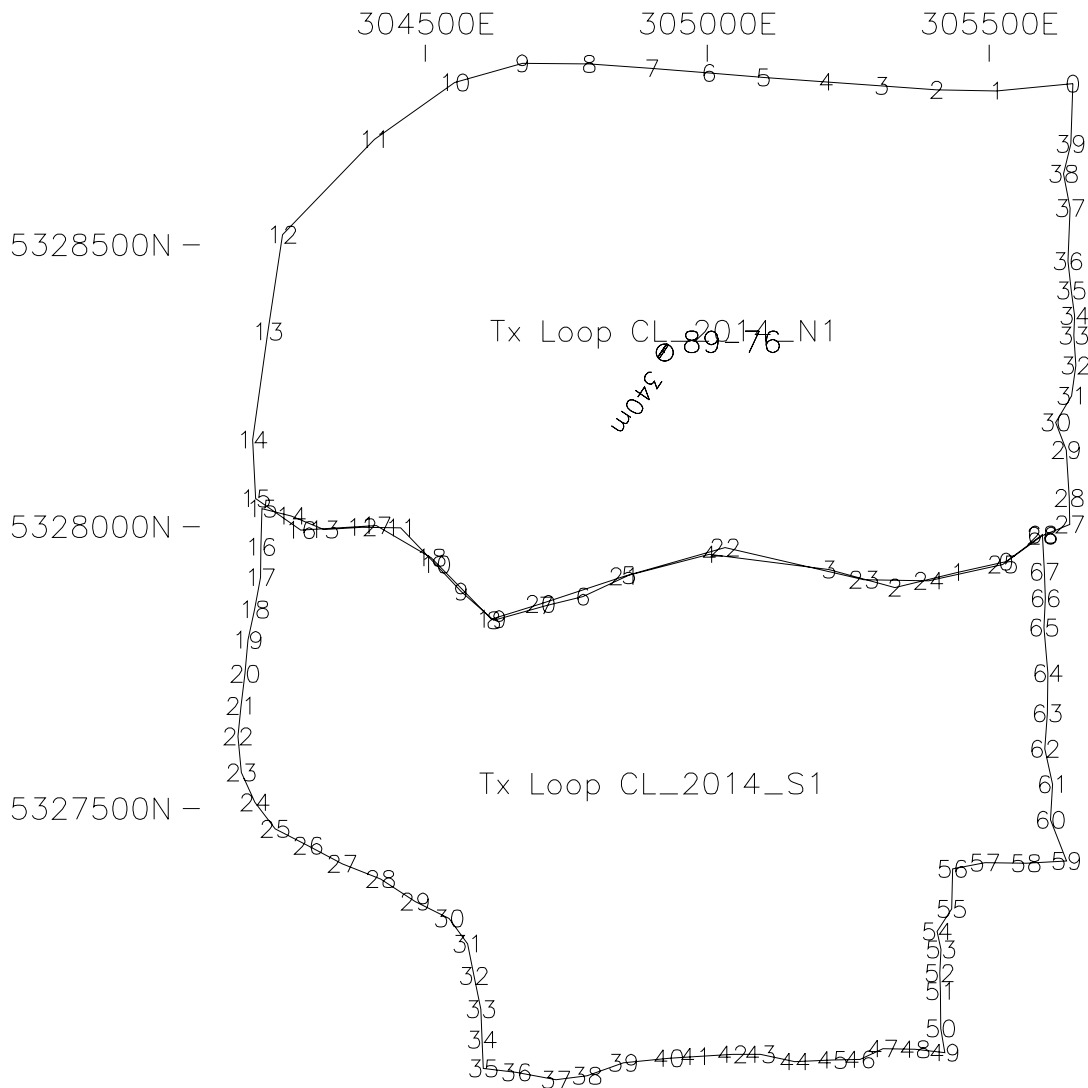
Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 89-74, Tx: CL_2014_S1

Survey Date: June 18, 2014

Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration
Crystal Lake

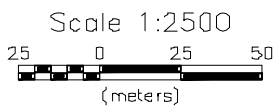
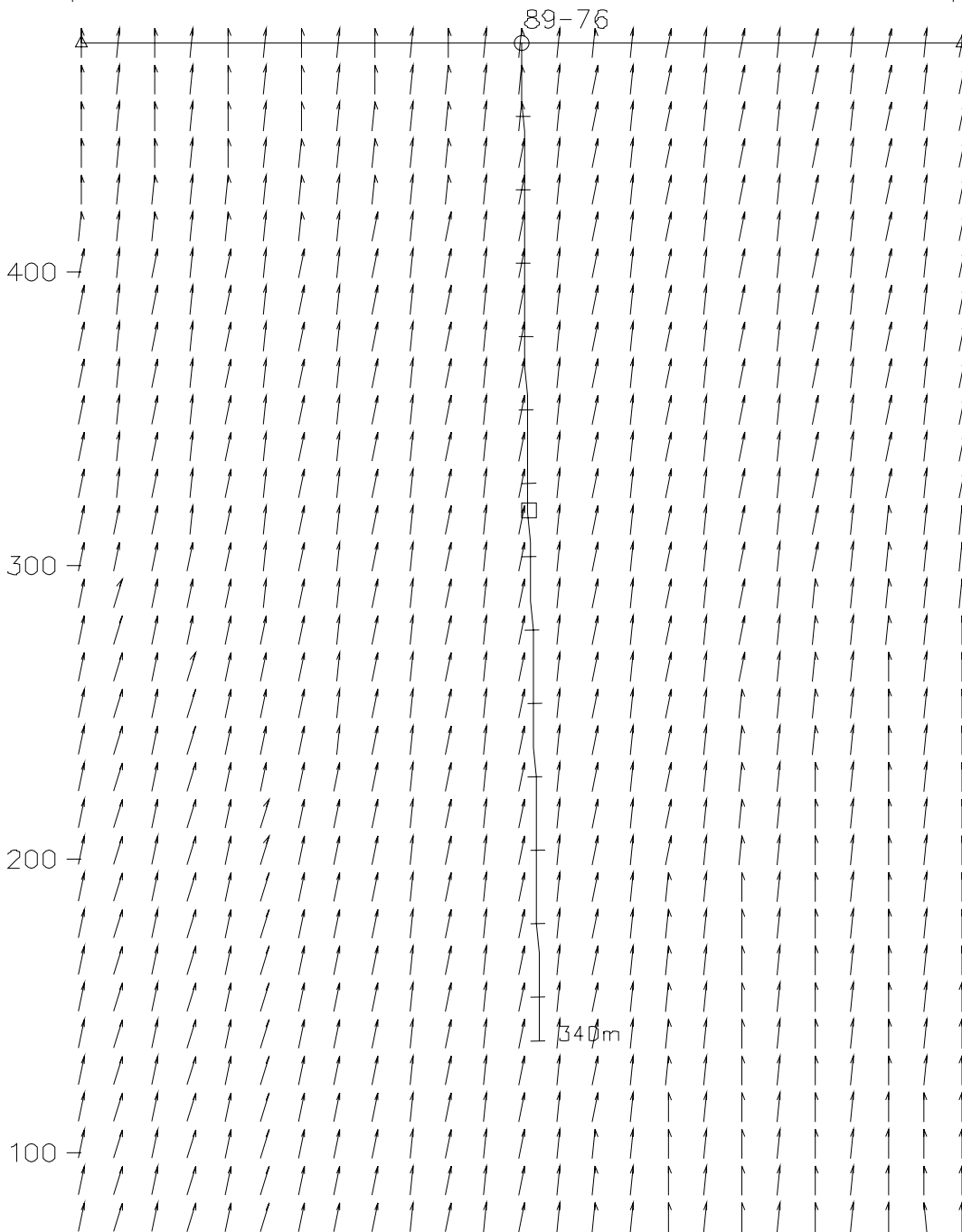
3-D Borehole Pulse EM Survey
Borehole & Loop Location Map

Hole: 89-76
Survey Date: June 15-16, 2014

Crone Geophysics & Exploration Ltd.

305042E, 5328215N

304808E, 5328402N



Rio Tinto Exploration
Crystal Lake

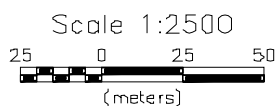
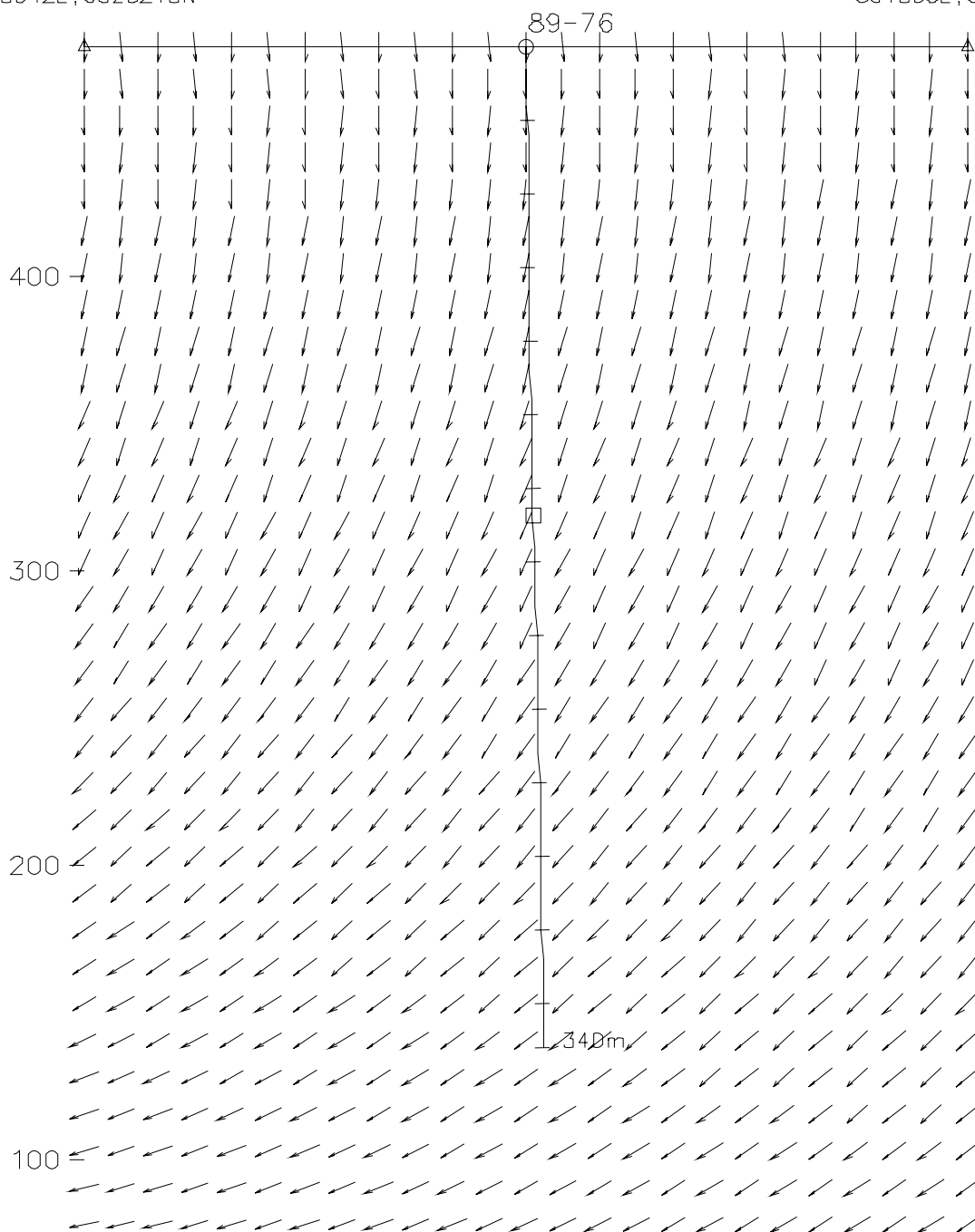
3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole:89-76 ,Tx:CL_2014_S1
Survey Date: June 15, 2014

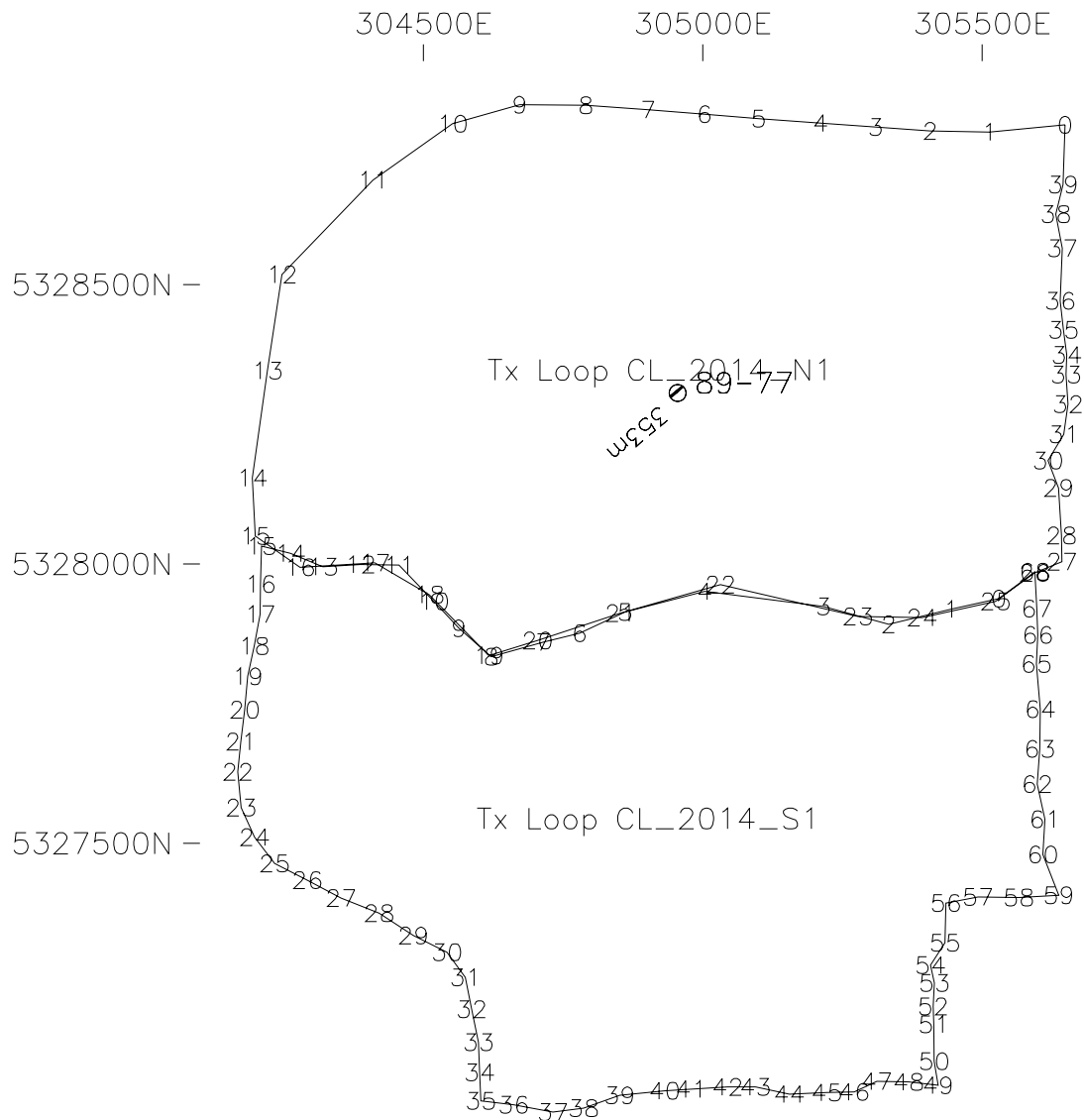
Crone Geophysics & Exploration Ltd.

305042E, 5328215N

304808E, 5328402N



<i>Rio Tinto Exploration</i> Crystal Lake
3-D Borehole Pulse EM Survey Hole Section with Primary Field
Hole:89-76, Tx:CL_2014_S1 Survey Date: June 16, 2014
<i>Crone Geophysics & Exploration Ltd.</i>



Rio Tinto Exploration
 Crystal Lake

3-D Borehole Pulse EM Survey
 Borehole & Loop Location Map

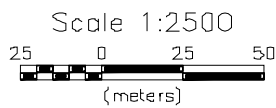
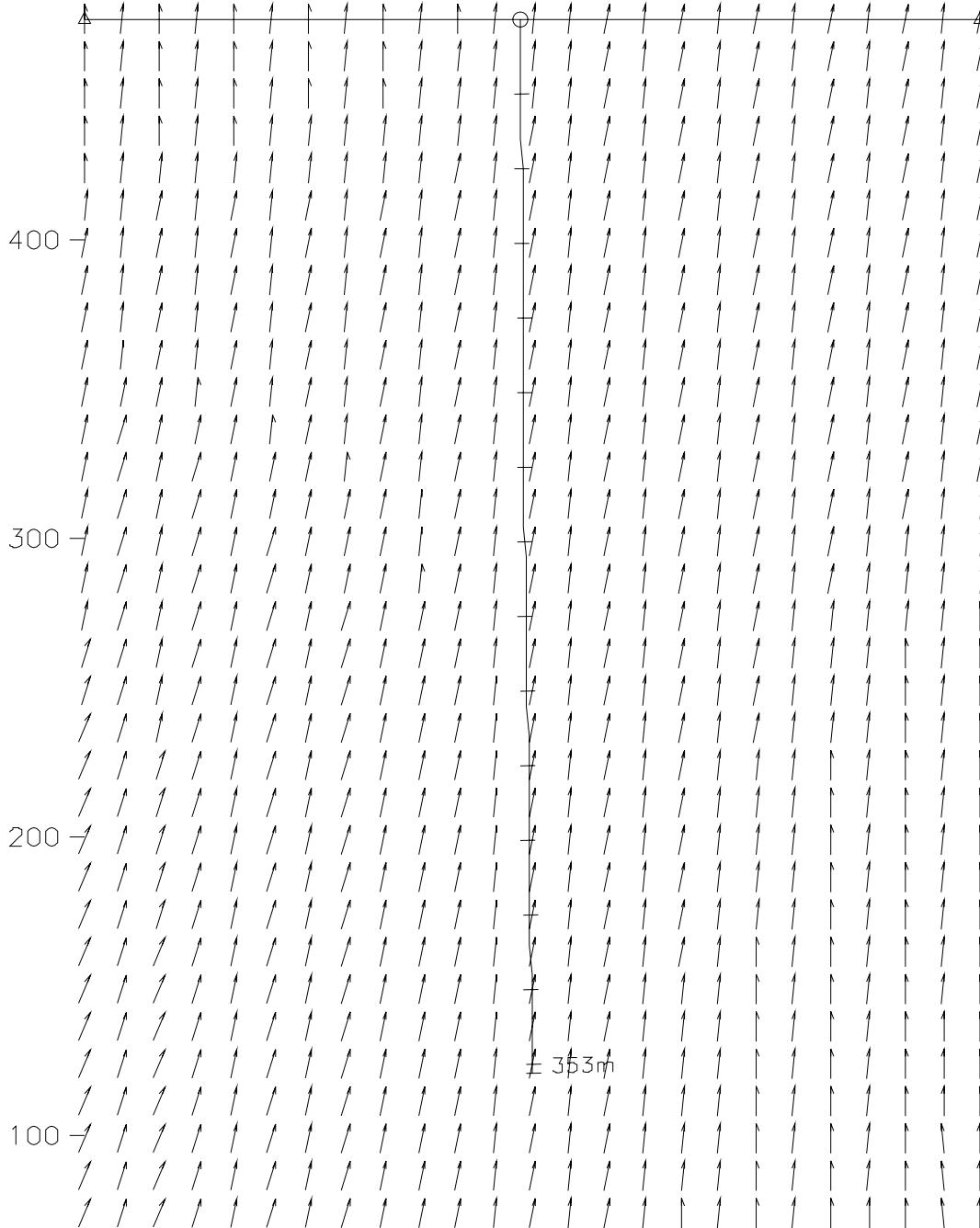
Hole: 89-77
 Survey Date: June 18-19, 2014

Crone Geophysics & Exploration Ltd.

305045E, 5328191N

89-77

304860E, 5328428N



*Rio Tinto Exploration
Crystal Lake*

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

Hole: 89-77, Tx: CL_2014_N1

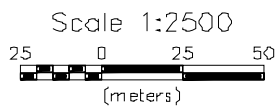
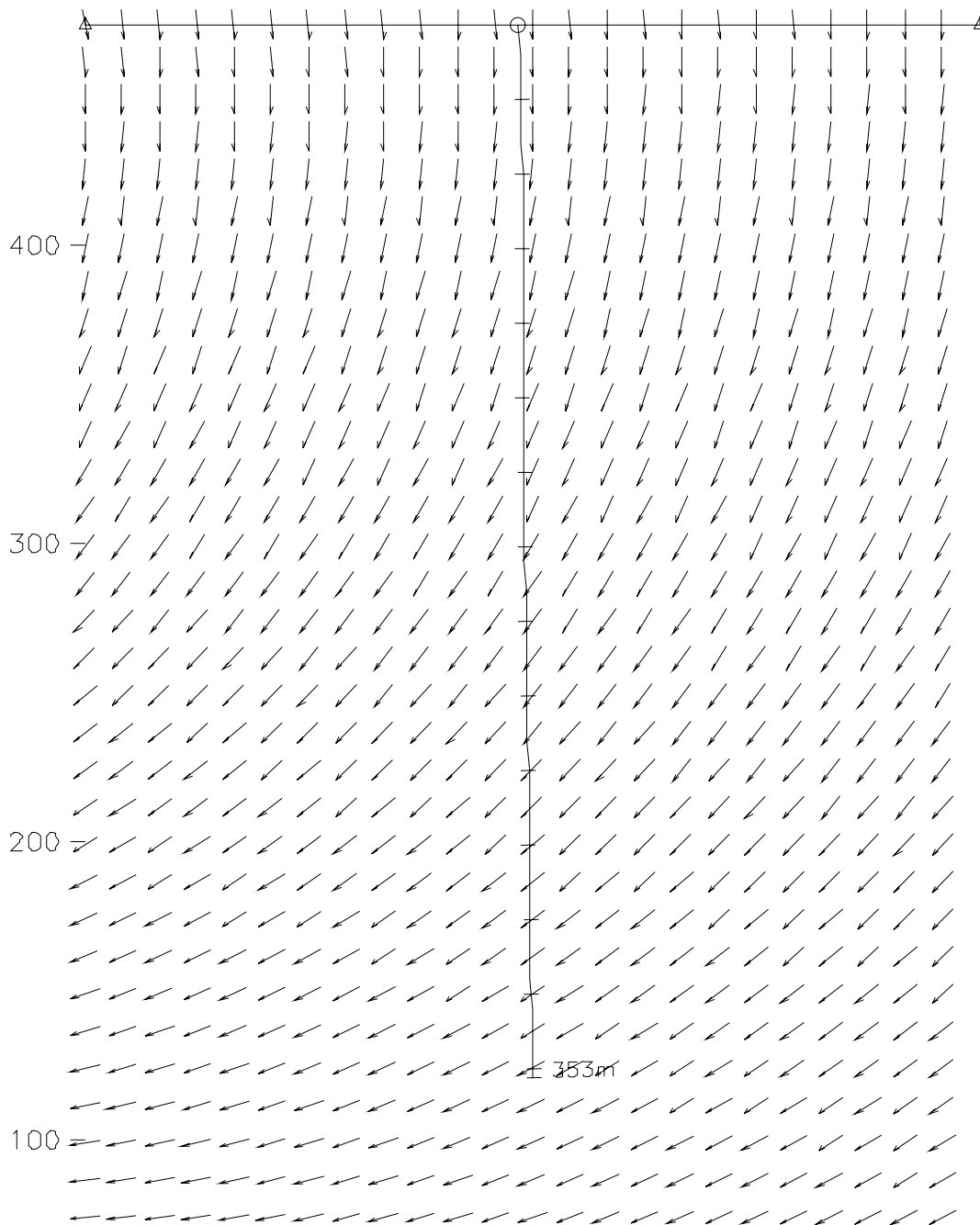
Survey Date: June 18, 2014

Crone Geophysics & Exploration Ltd.

305045E, 5328191N

89-77

304860E, 5328428N



Rio Tinto Exploration
Crystal Lake

3-D Borehole Pulse EM Survey
Hole Section with Primary Field

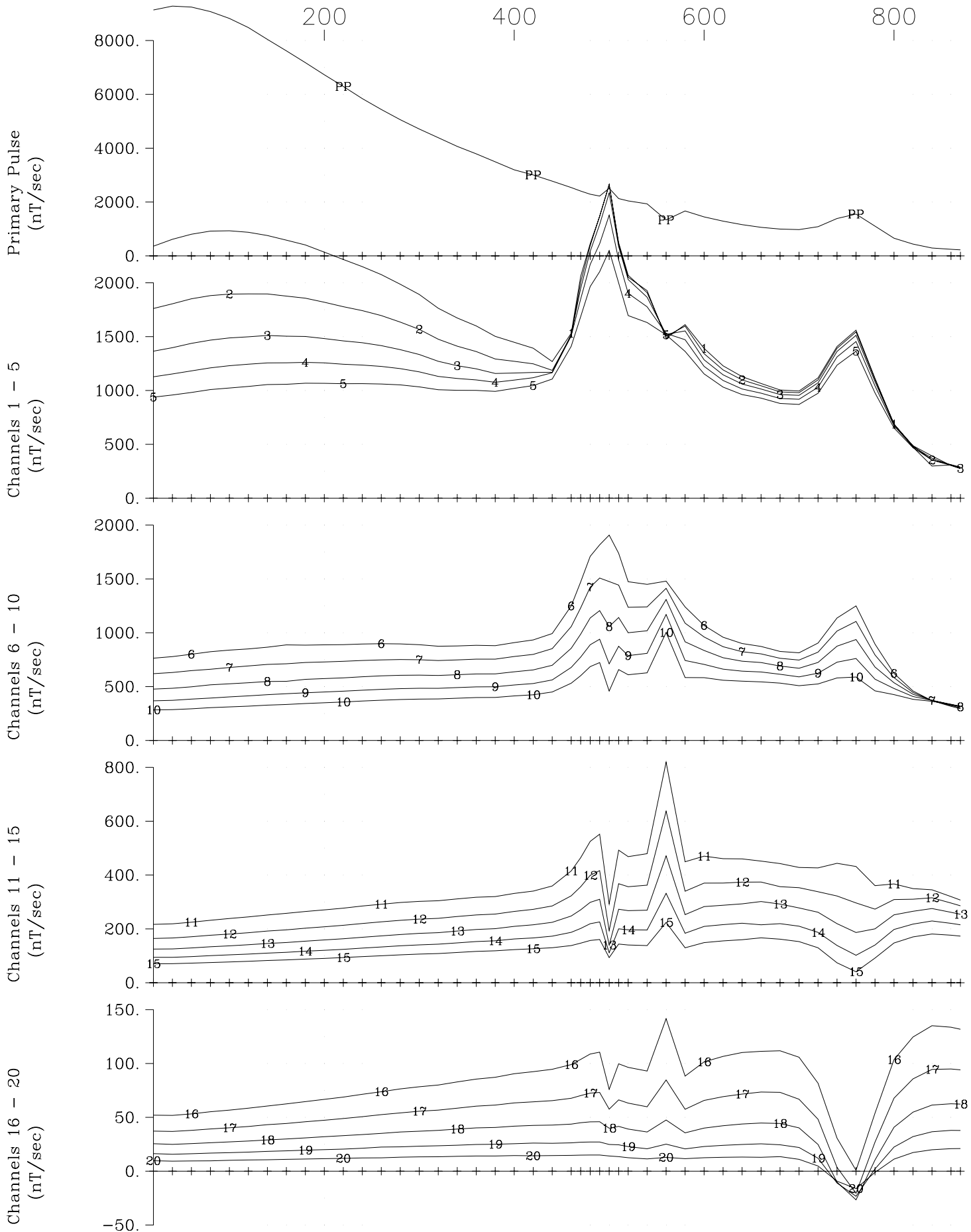
Hole:89-77 ,Tx:CL_2014_S1
Survey Date: June 18, 2014

Crone Geophysics & Exploration Ltd.



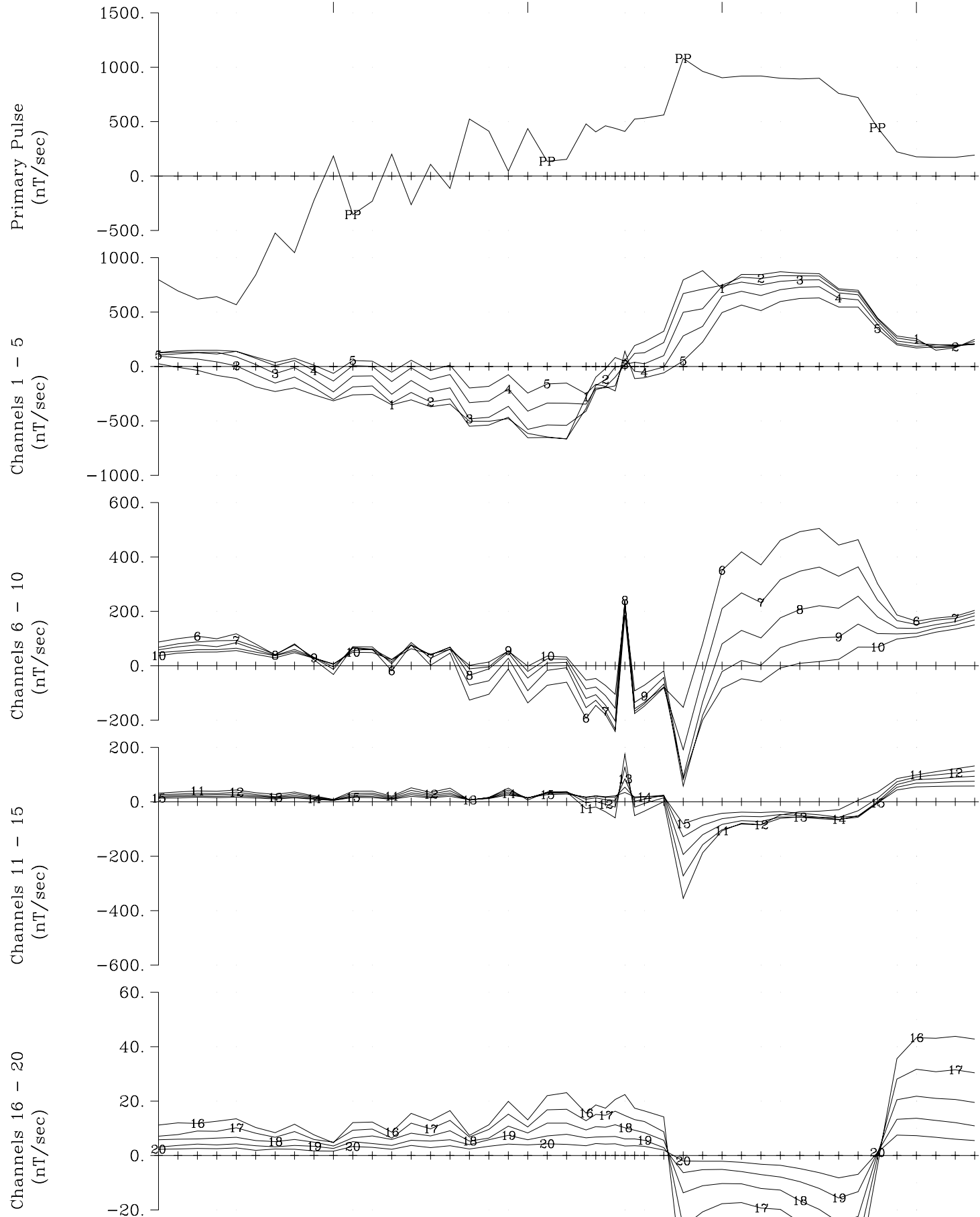
Appendix 3: Linear (5-Axis) Pulse-EM Data Profiles





Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL0001 Z Component
 Crone Geophysics & Exploration Ltd.

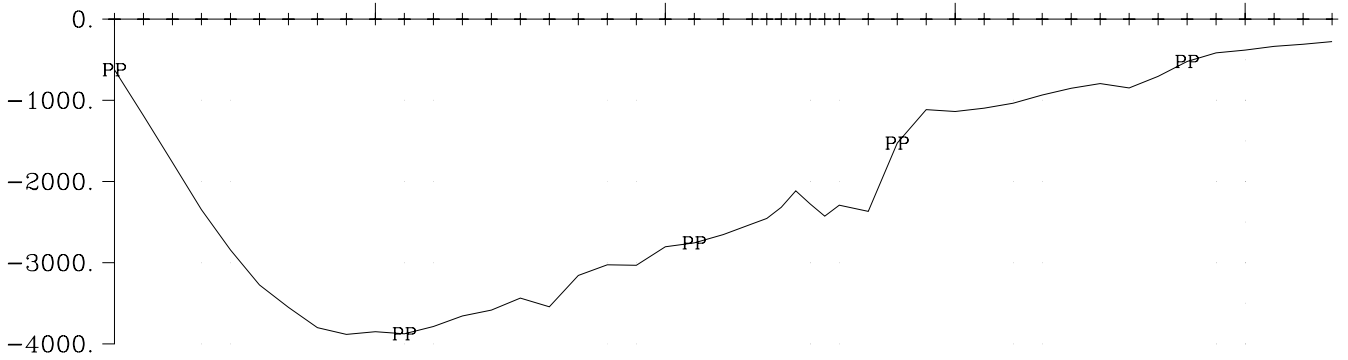
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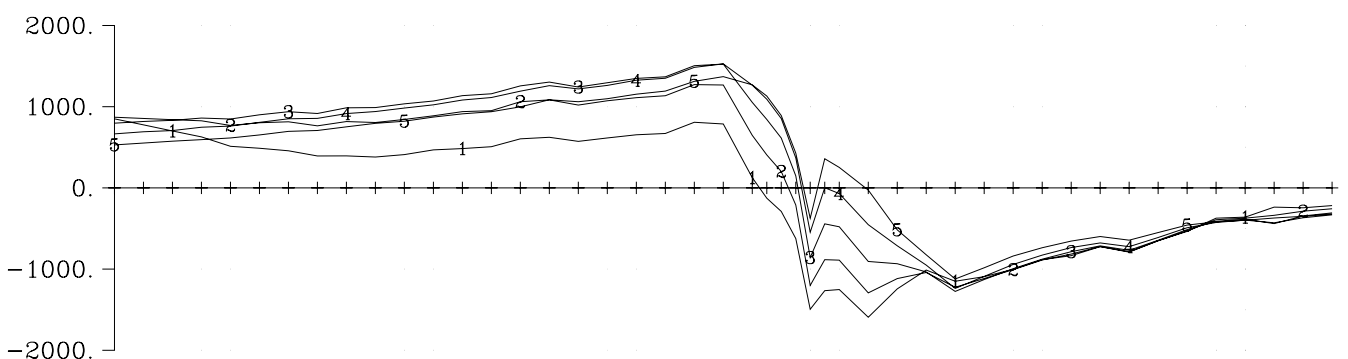
Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14CL001 X Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

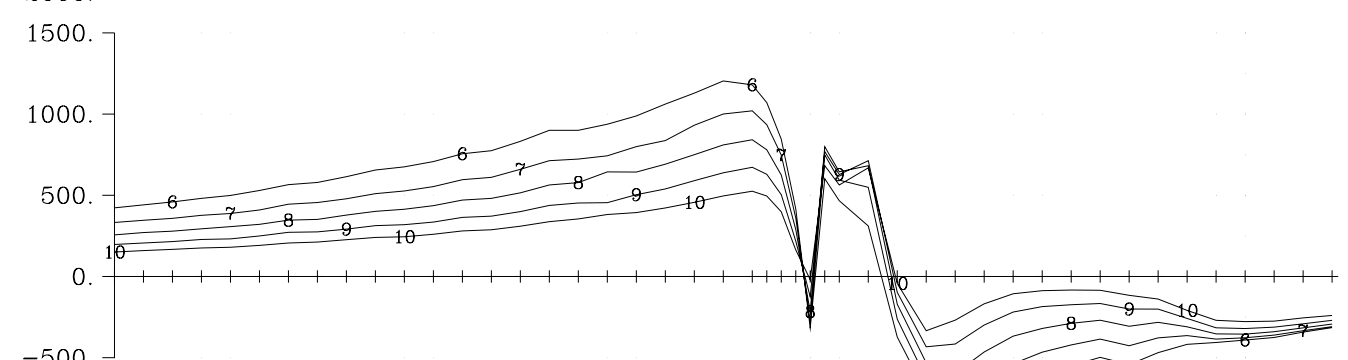
Primary Pulse
(nT/sec)



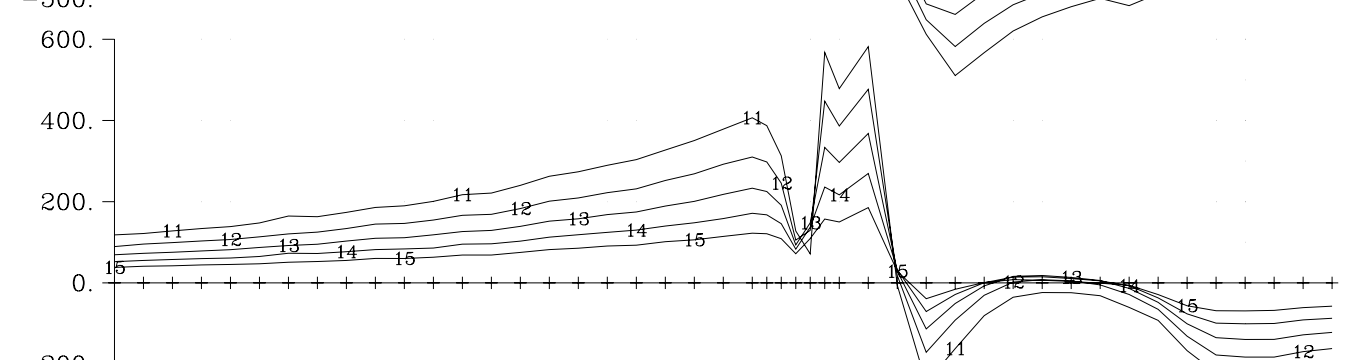
Channels 1 - 5
(nT/sec)



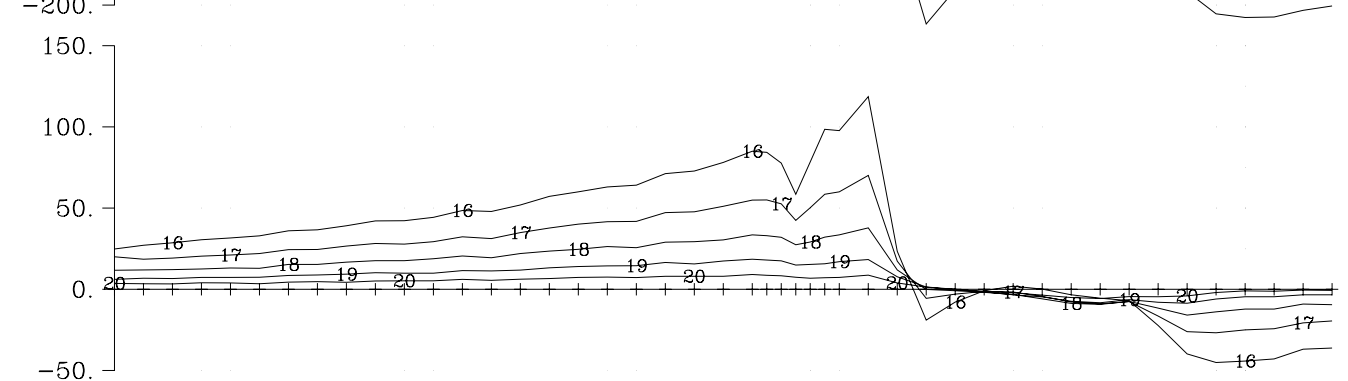
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)

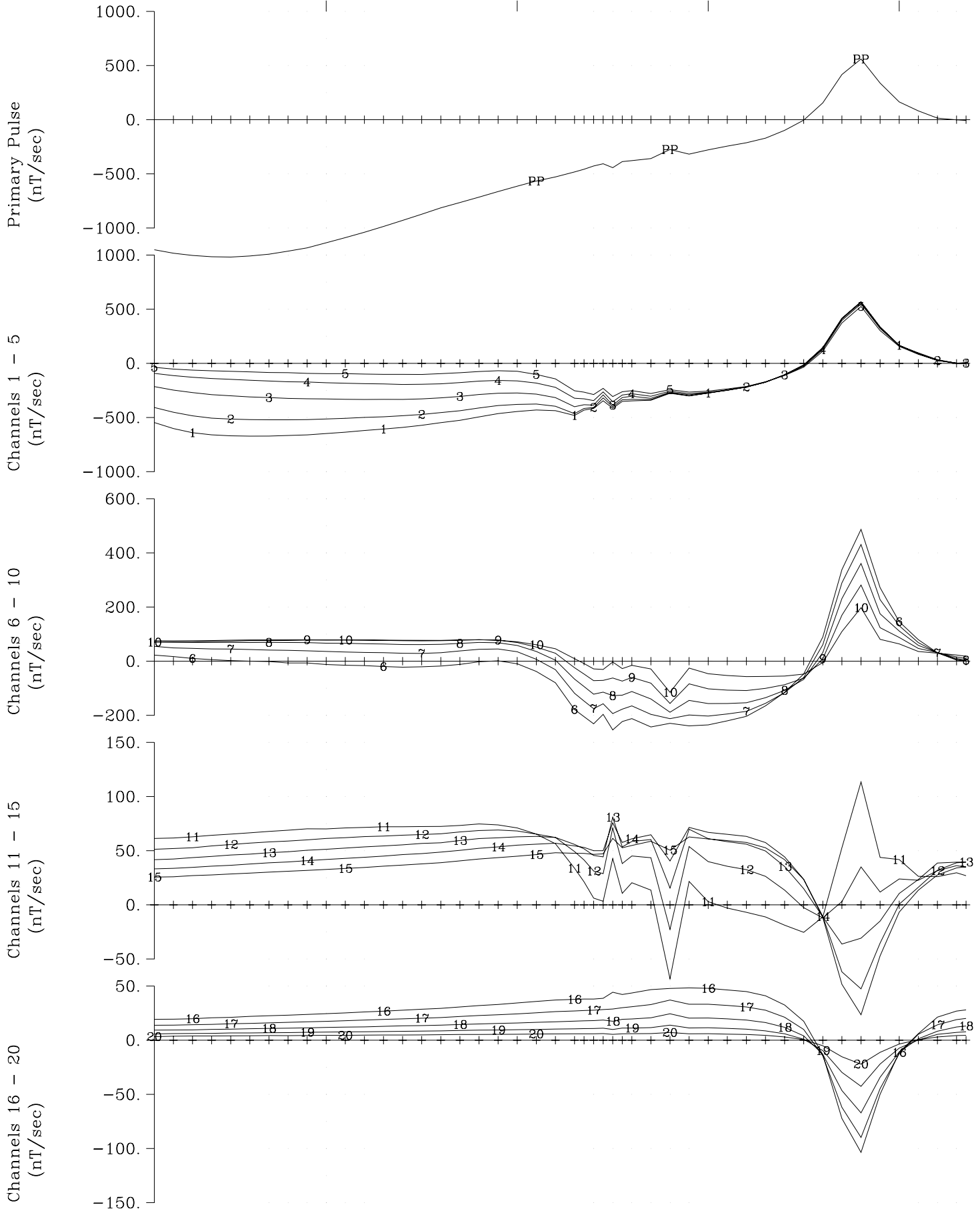


Channels 16 - 20
(nT/sec)



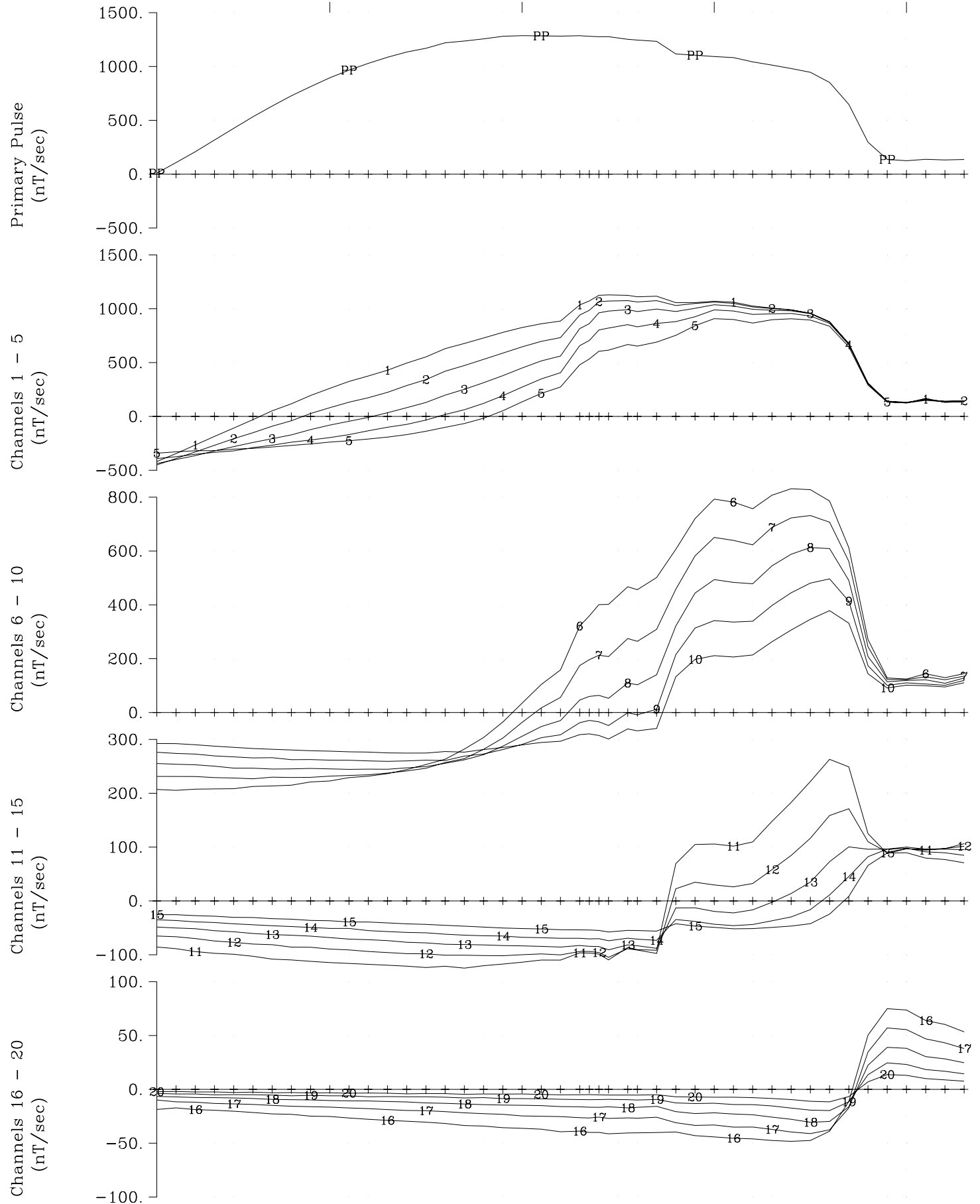
Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14CL0001 Y Component
Crone Geophysics & Exploration Ltd.

200 400 600 800



Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14CL001 Z Component
Crone Geophysics & Exploration Ltd.

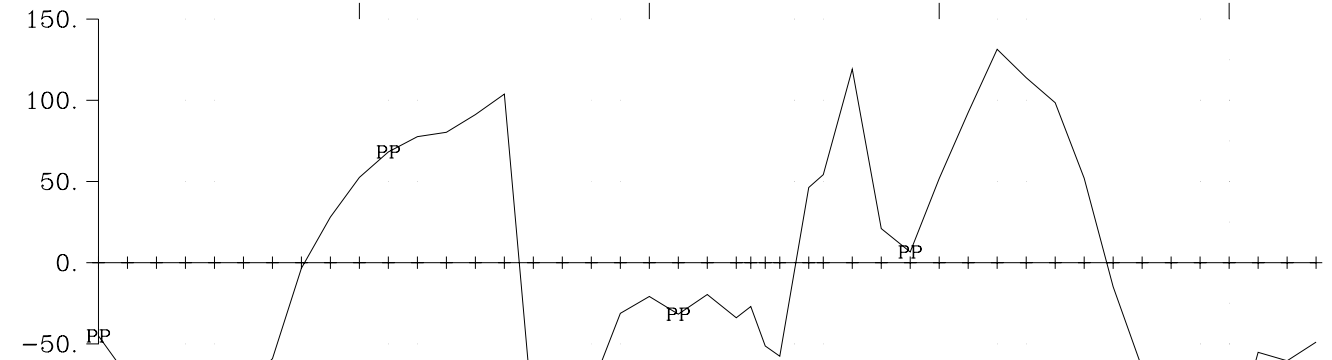
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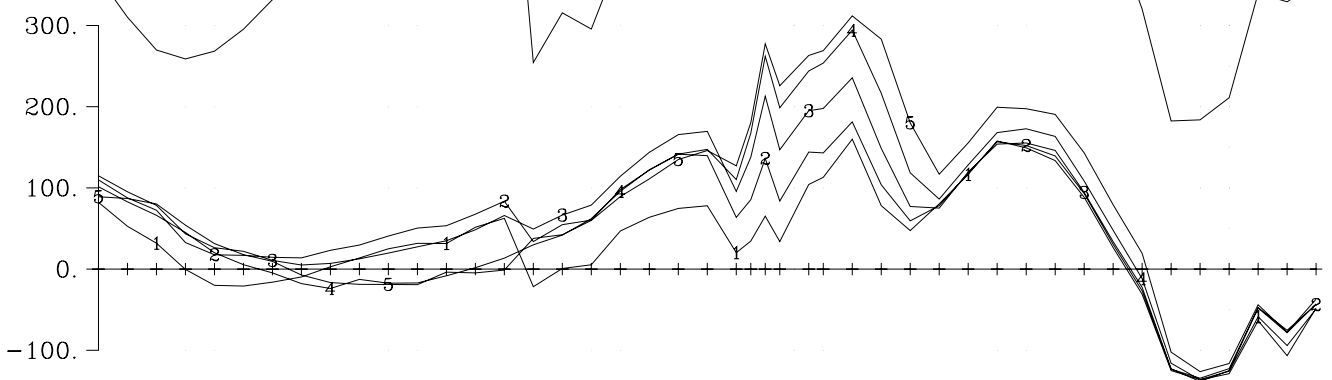
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14CL0001 X Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

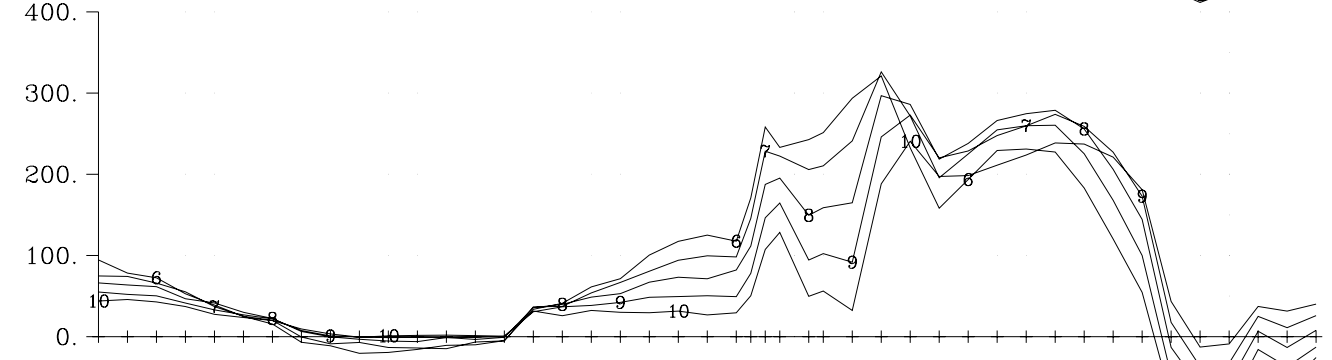
Primary Pulse
(nT/sec)



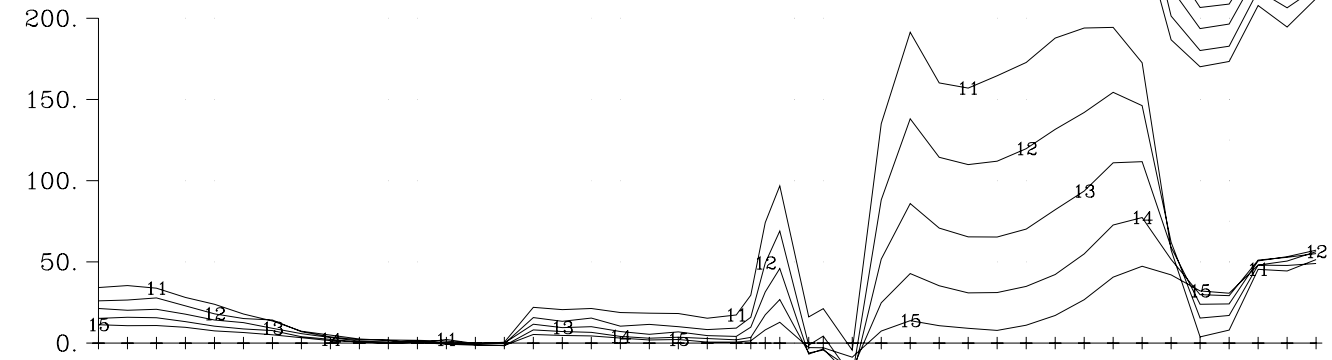
Channels 1 - 5
(nT/sec)



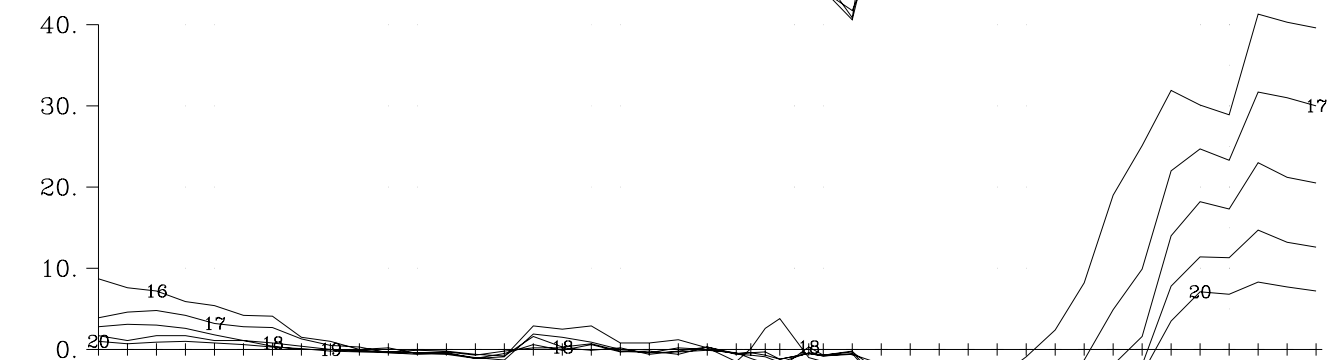
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)

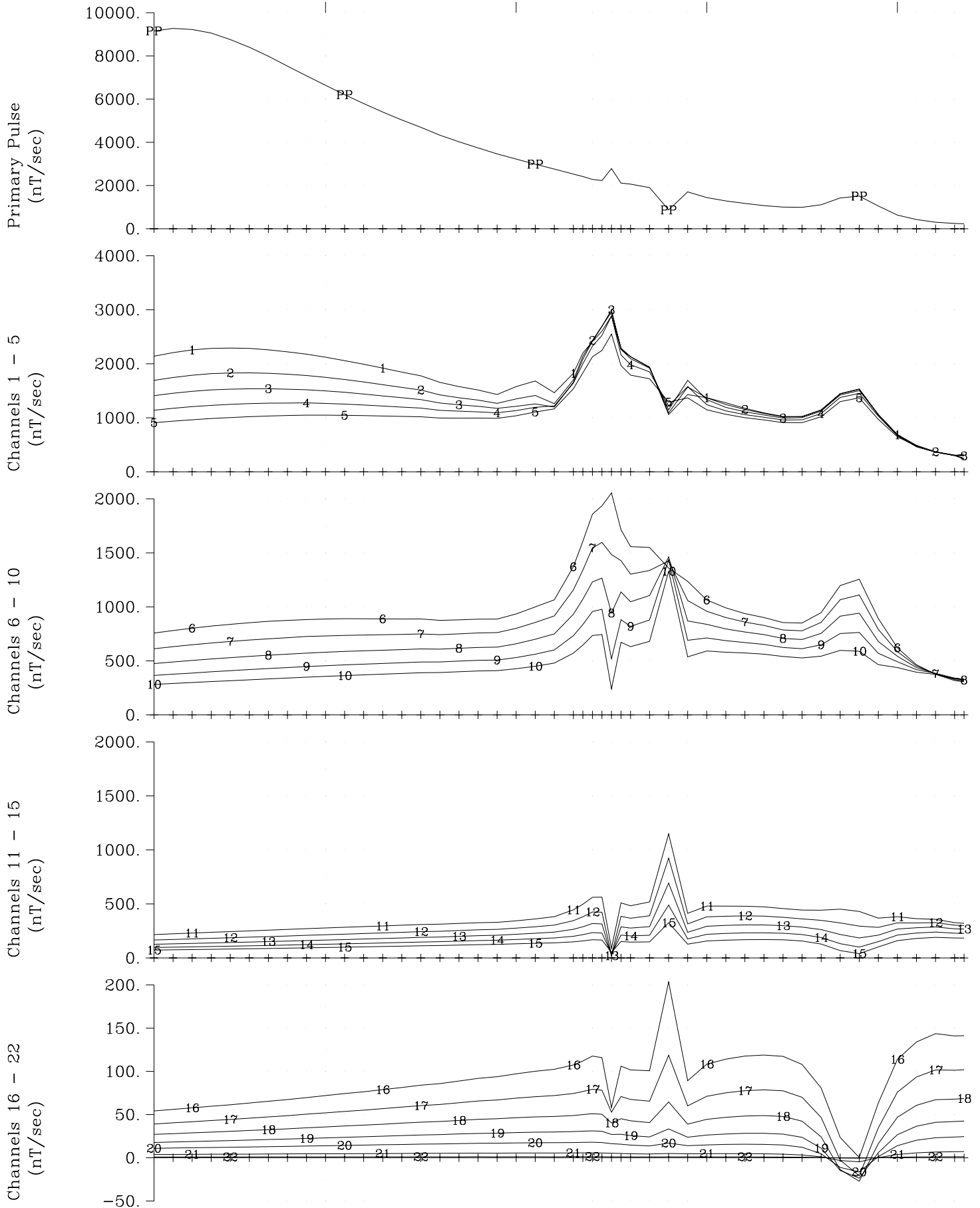


Channels 16 - 20
(nT/sec)



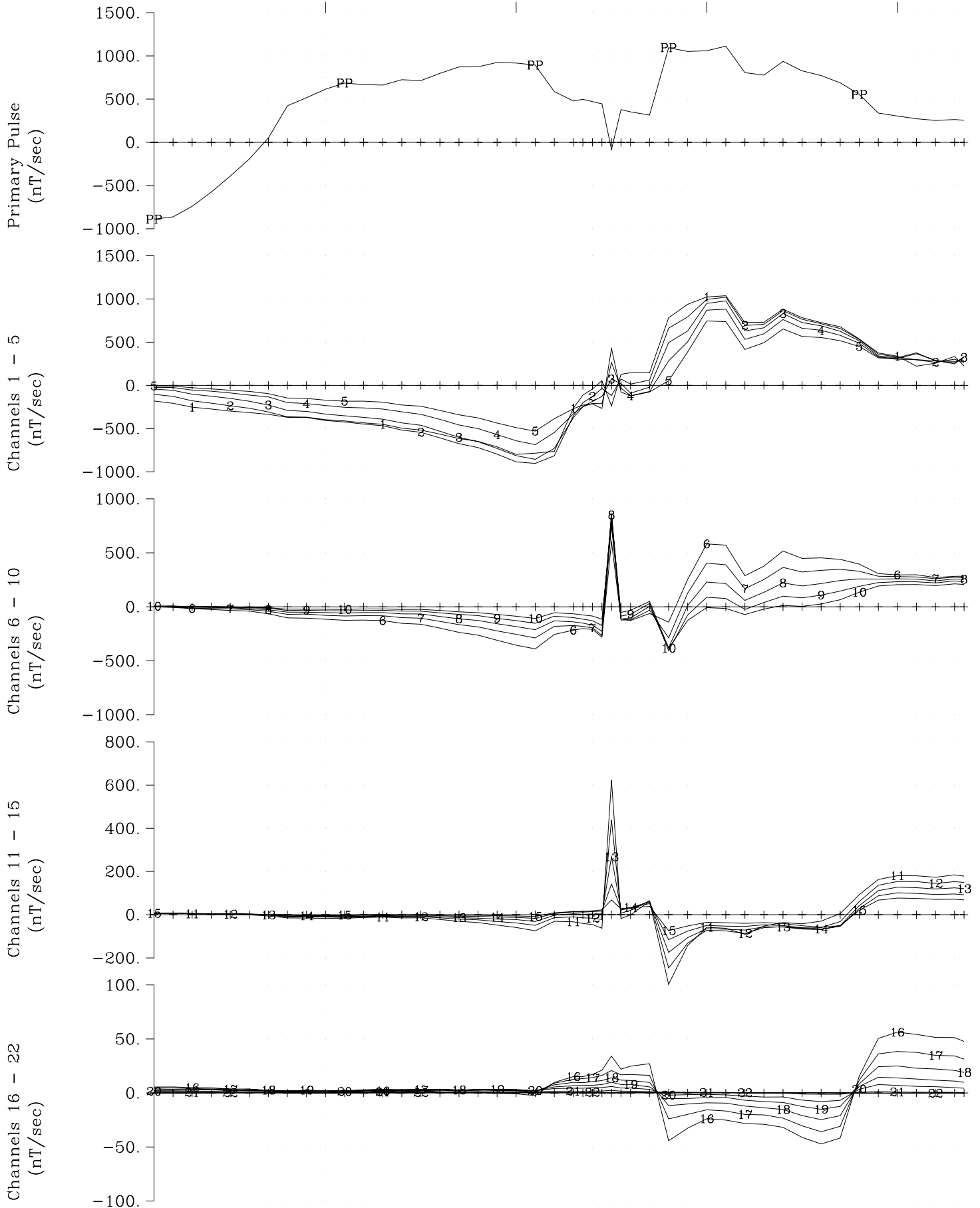
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14CL001 Y Component
Crone Geophysics & Exploration Ltd.

200 400 600 800



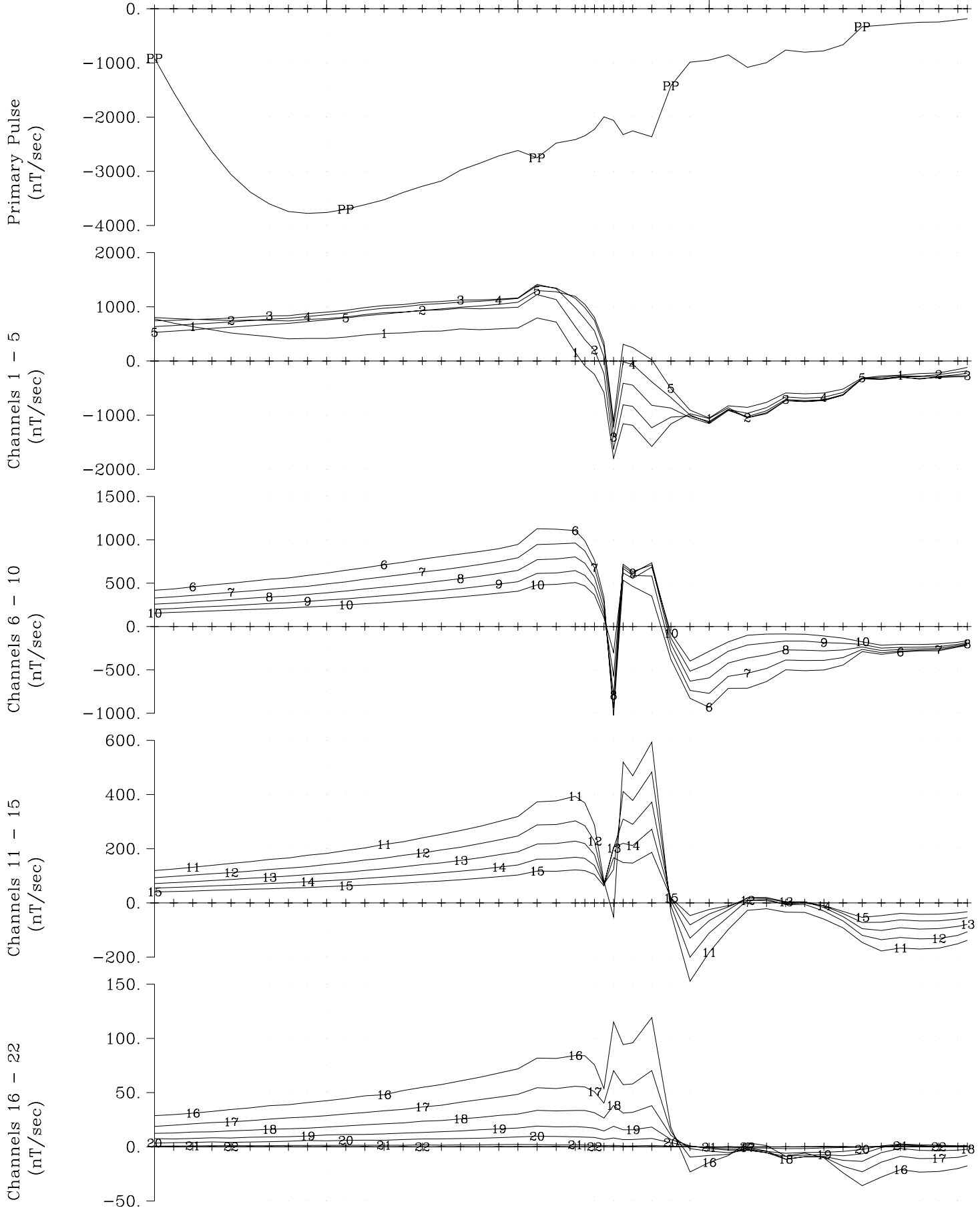
Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14-CL-0001 Z Component
Crone Geophysics & Exploration Ltd.

200 400 600 800



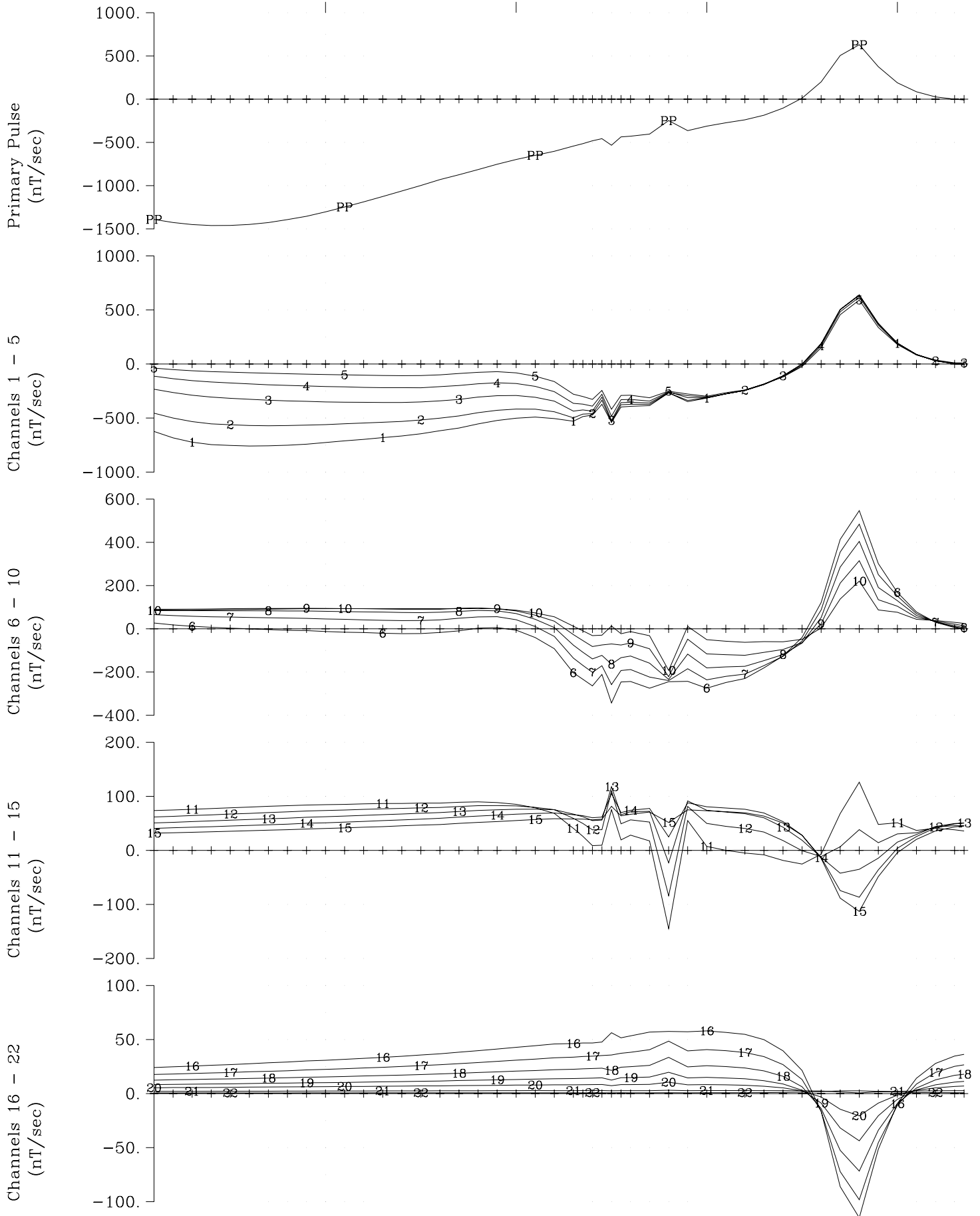
Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14-CL-0001 X Component
Crone Geophysics & Exploration Ltd.

200 400 600 800



Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14-CL-0001 Y Component
Crone Geophysics & Exploration Ltd.

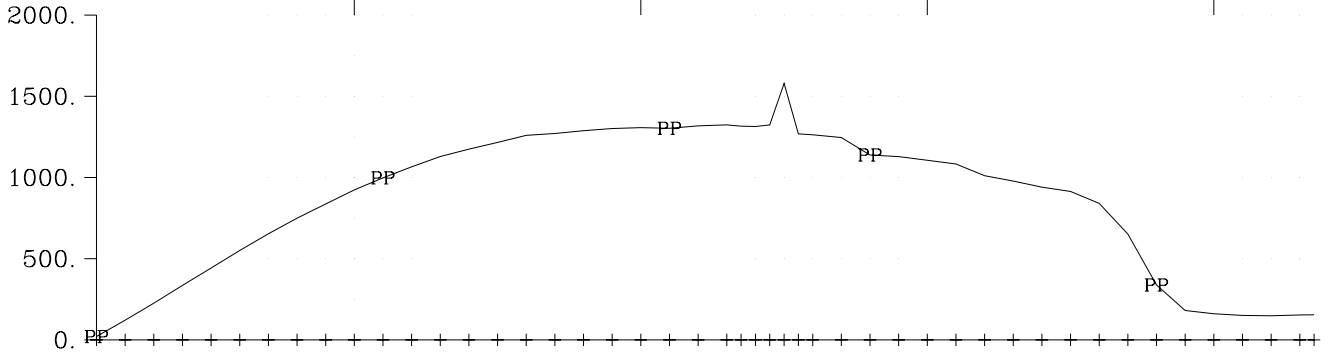
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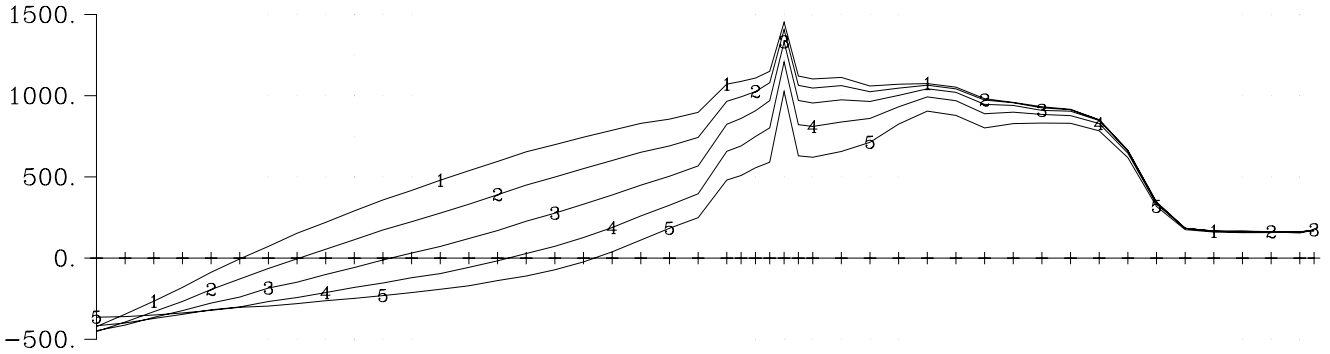
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14-CL-0001 Z Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

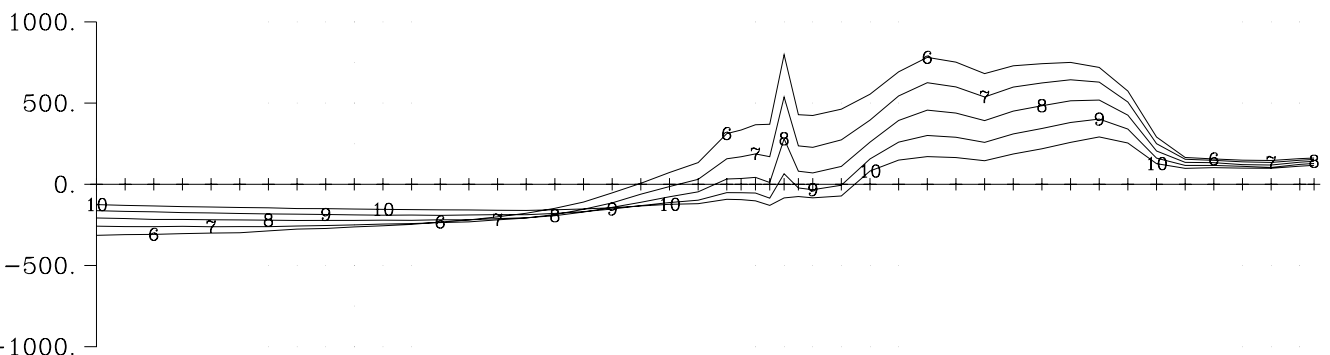
Primary Pulse
(nT/sec)



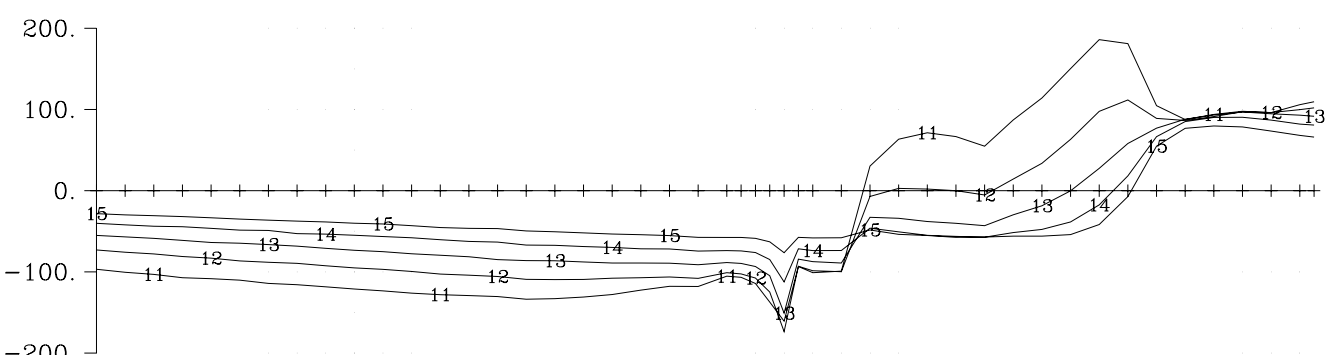
Channels 1 - 5
(nT/sec)



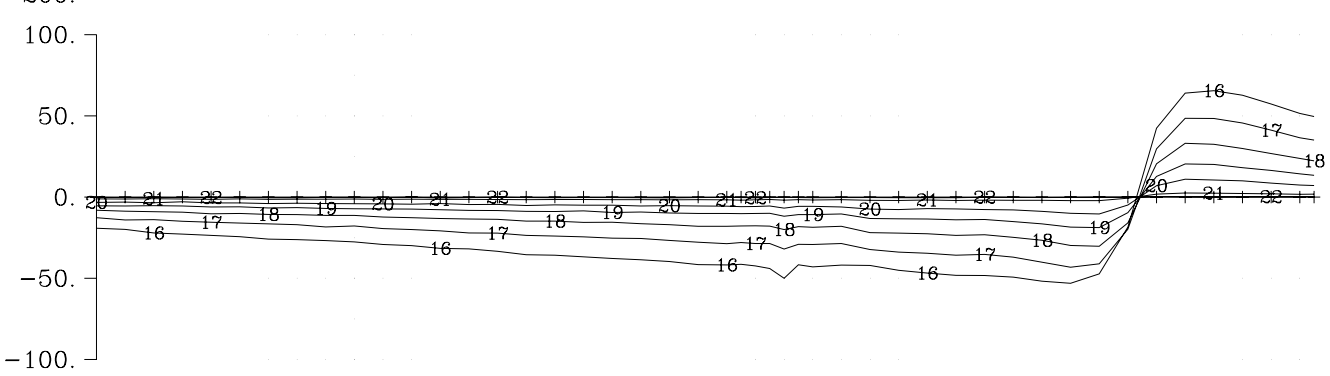
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)



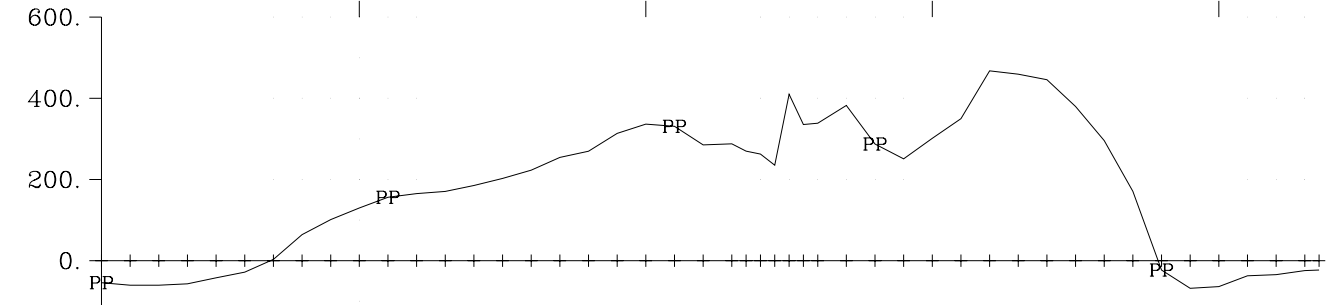
Channels 16 - 22
(nT/sec)



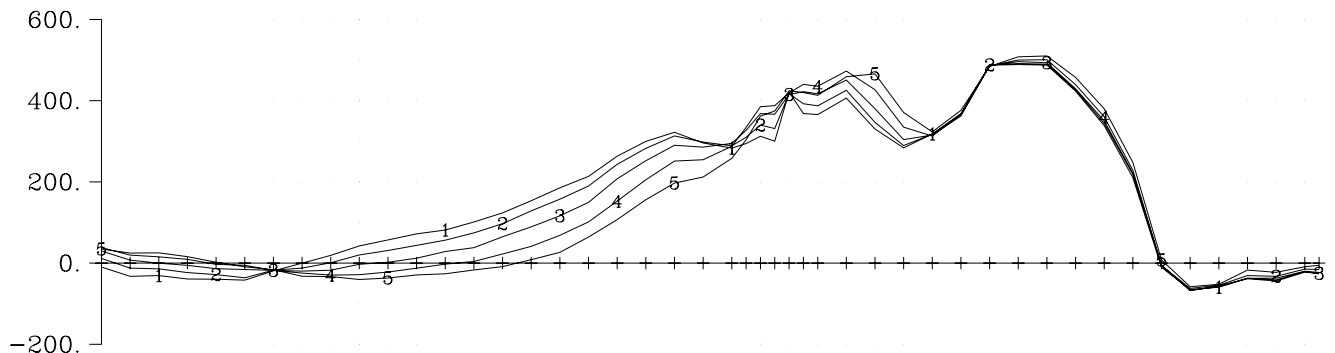
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14-CL-0001 X Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

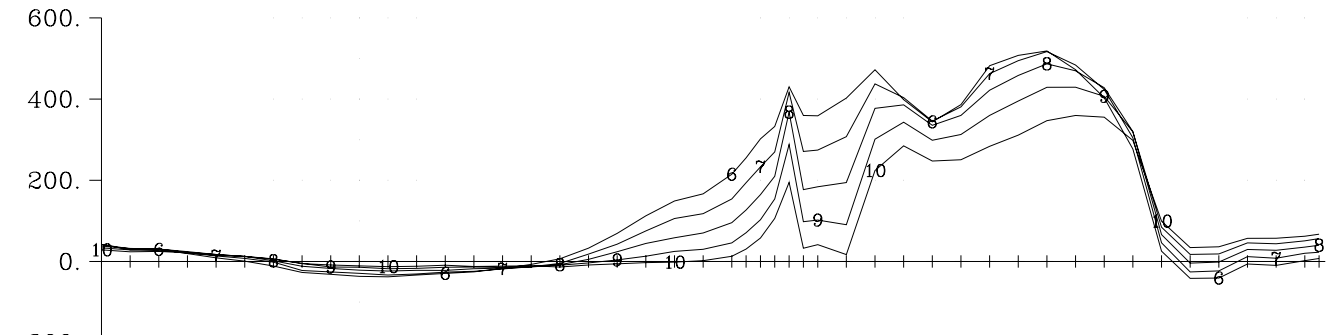
Primary Pulse
(nT/sec)



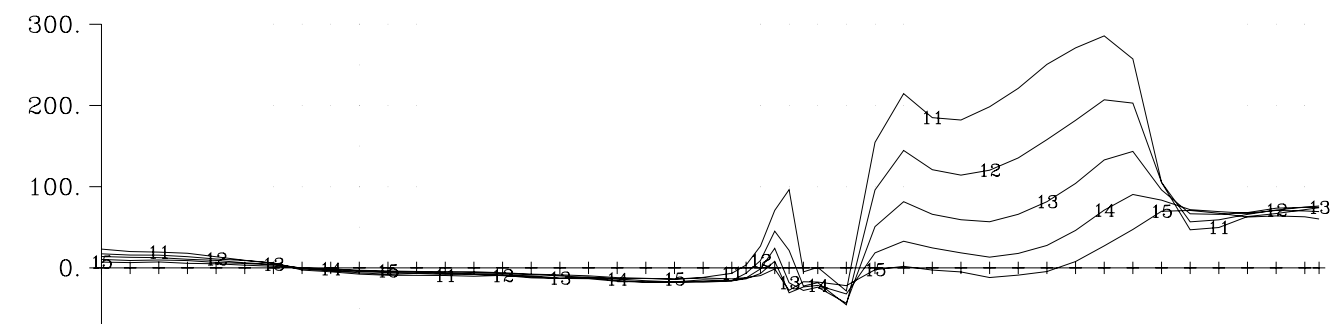
Channels 1 - 5
(nT/sec)



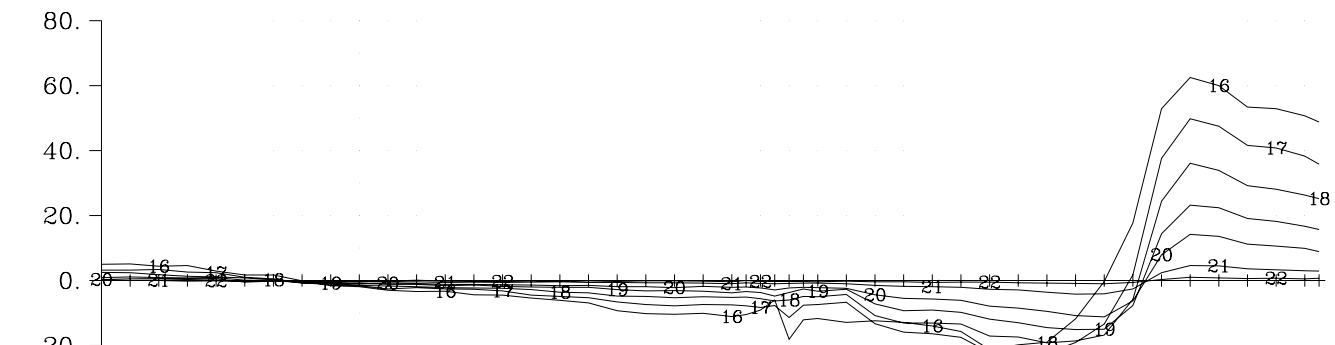
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)

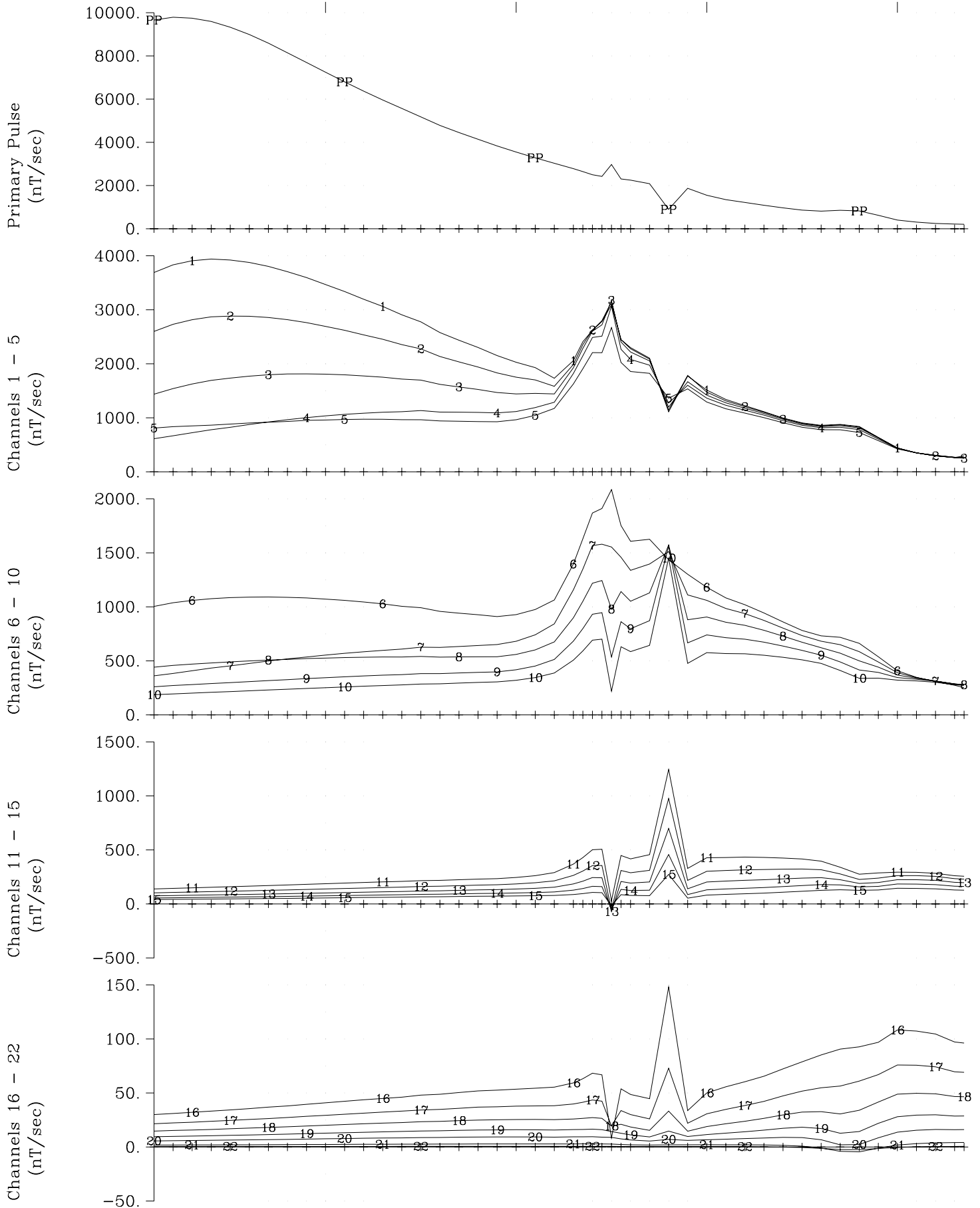


Channels 16 - 22
(nT/sec)



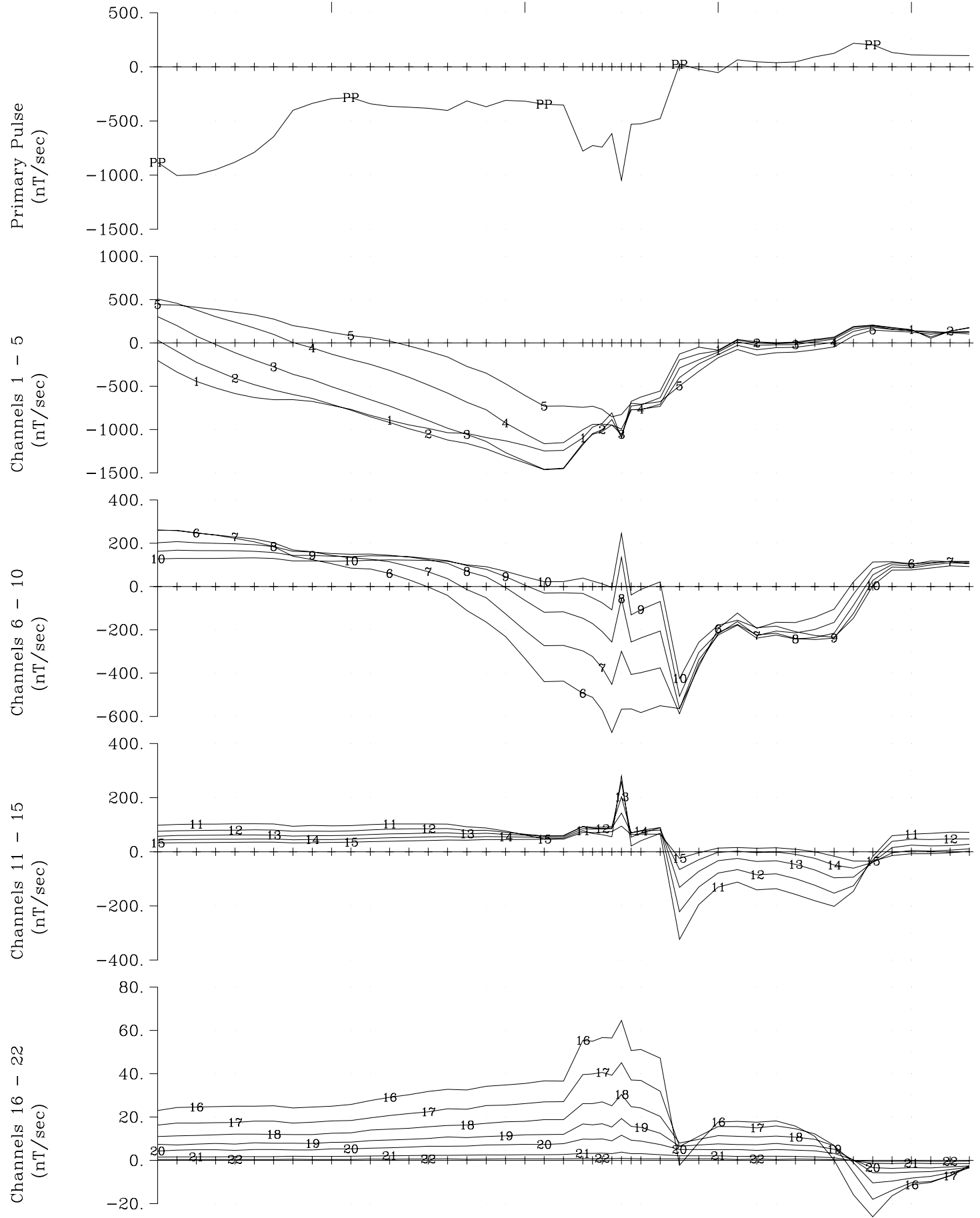
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14-CL-0001 Y Component
Crone Geophysics & Exploration Ltd.

200 400 600 800



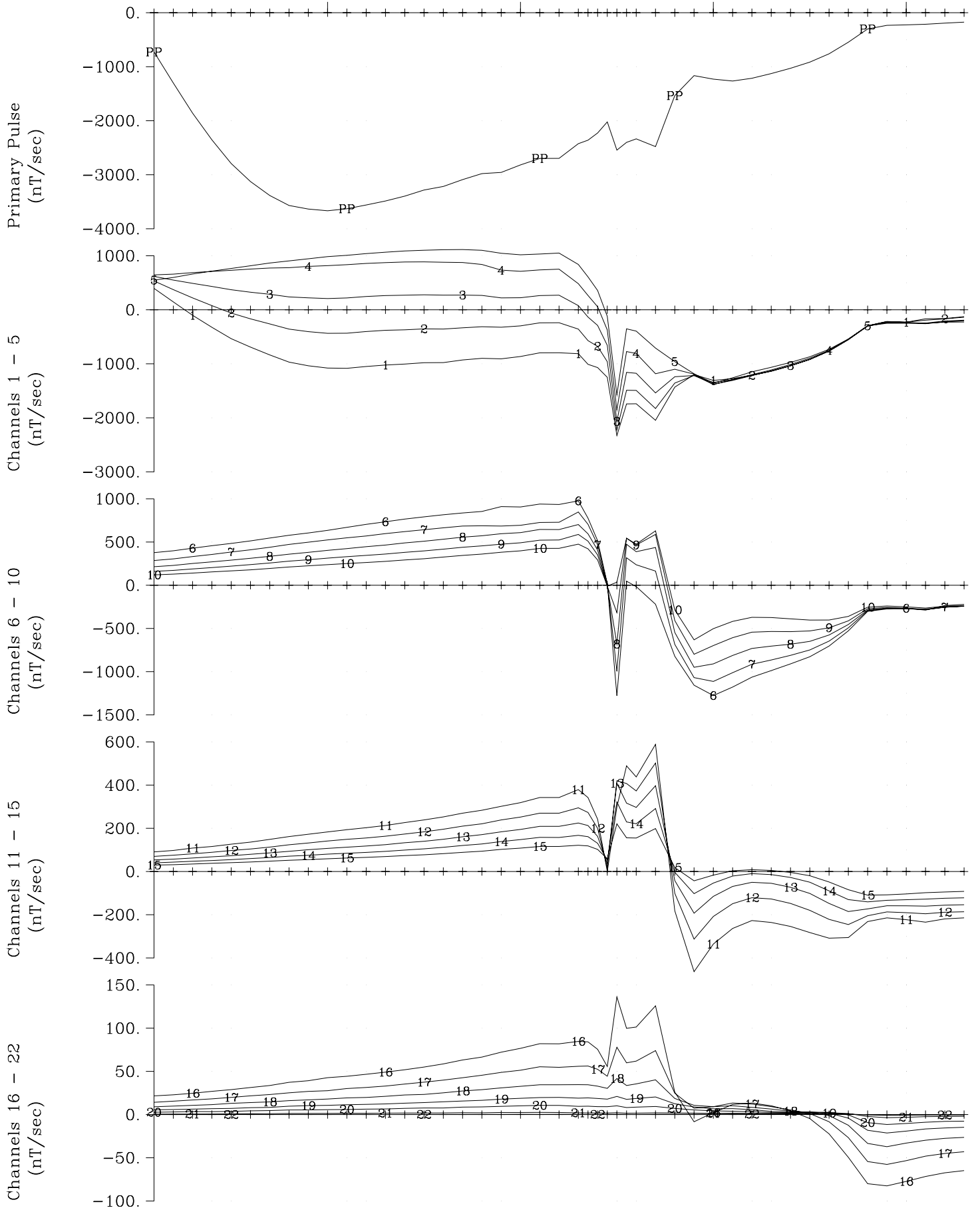
Rio Tinto Exploration Crystal Lake
Loop Figure 8, Hole 14CL0001 Z Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

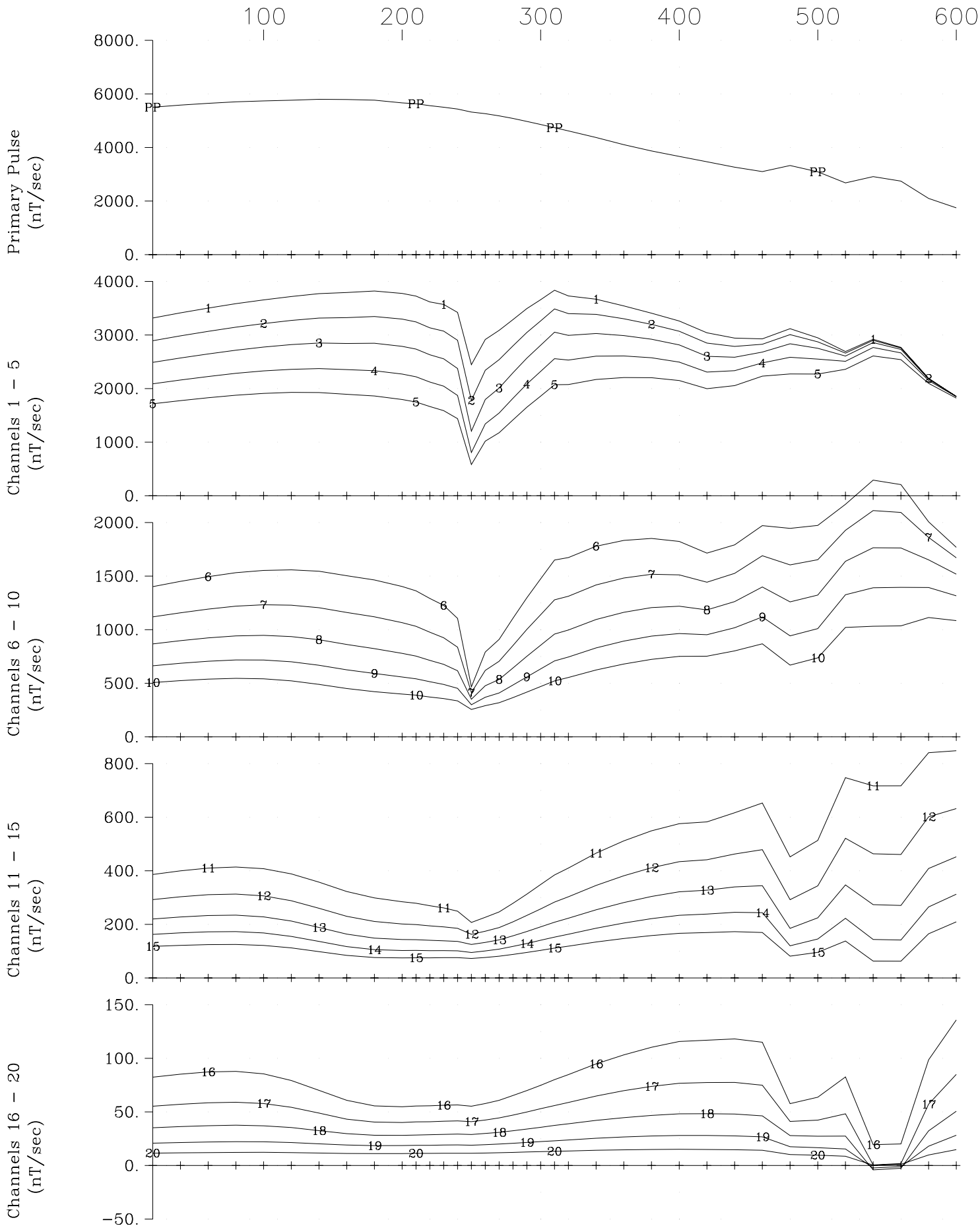


Rio Tinto Exploration Crystal Lake
Loop Figure 8, Hole 14CL0001 X Component
Crone Geophysics & Exploration Ltd.

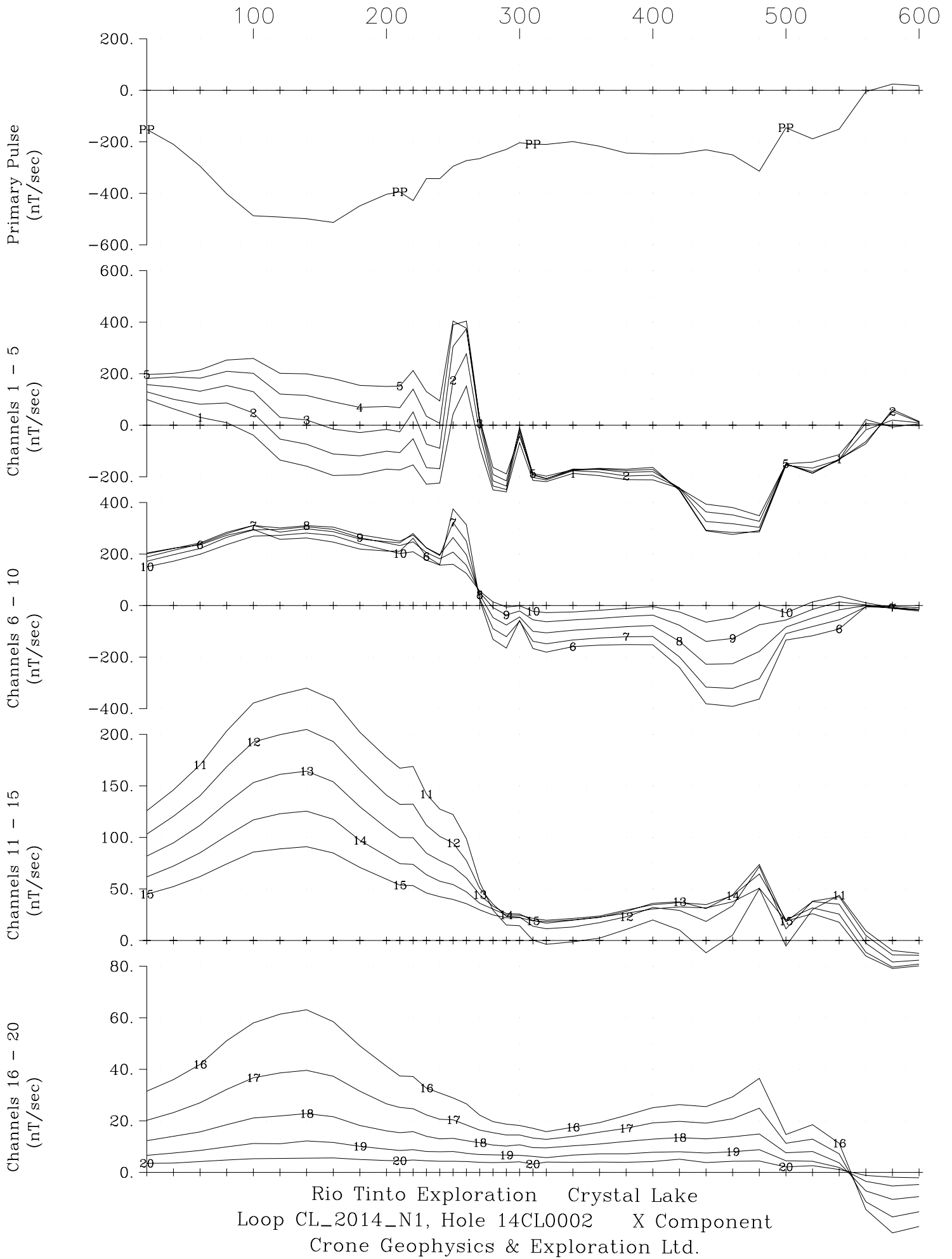
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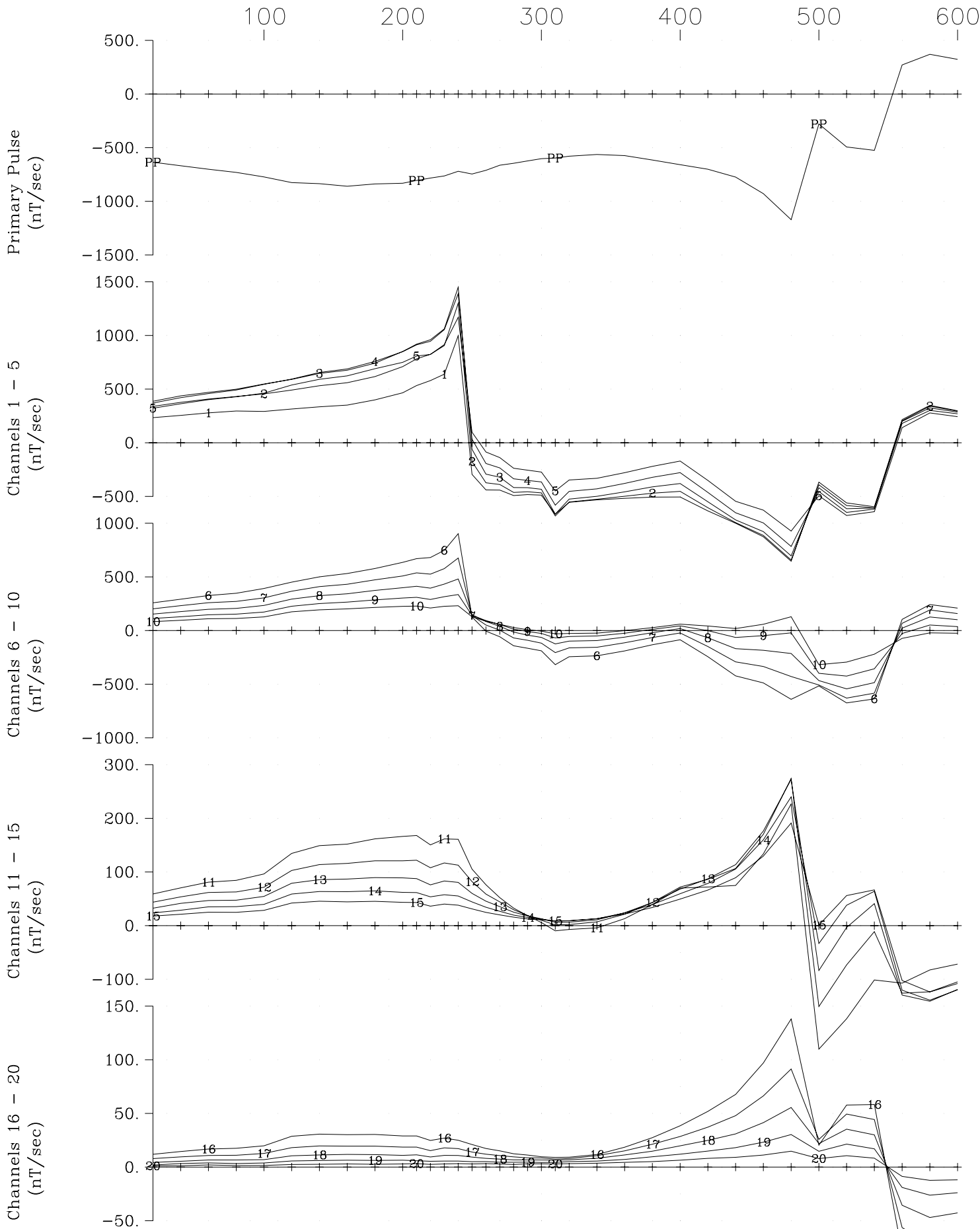


Rio Tinto Exploration Crystal Lake
Loop Figure 8, Hole 14CL0001 Y Component
Crone Geophysics & Exploration Ltd.

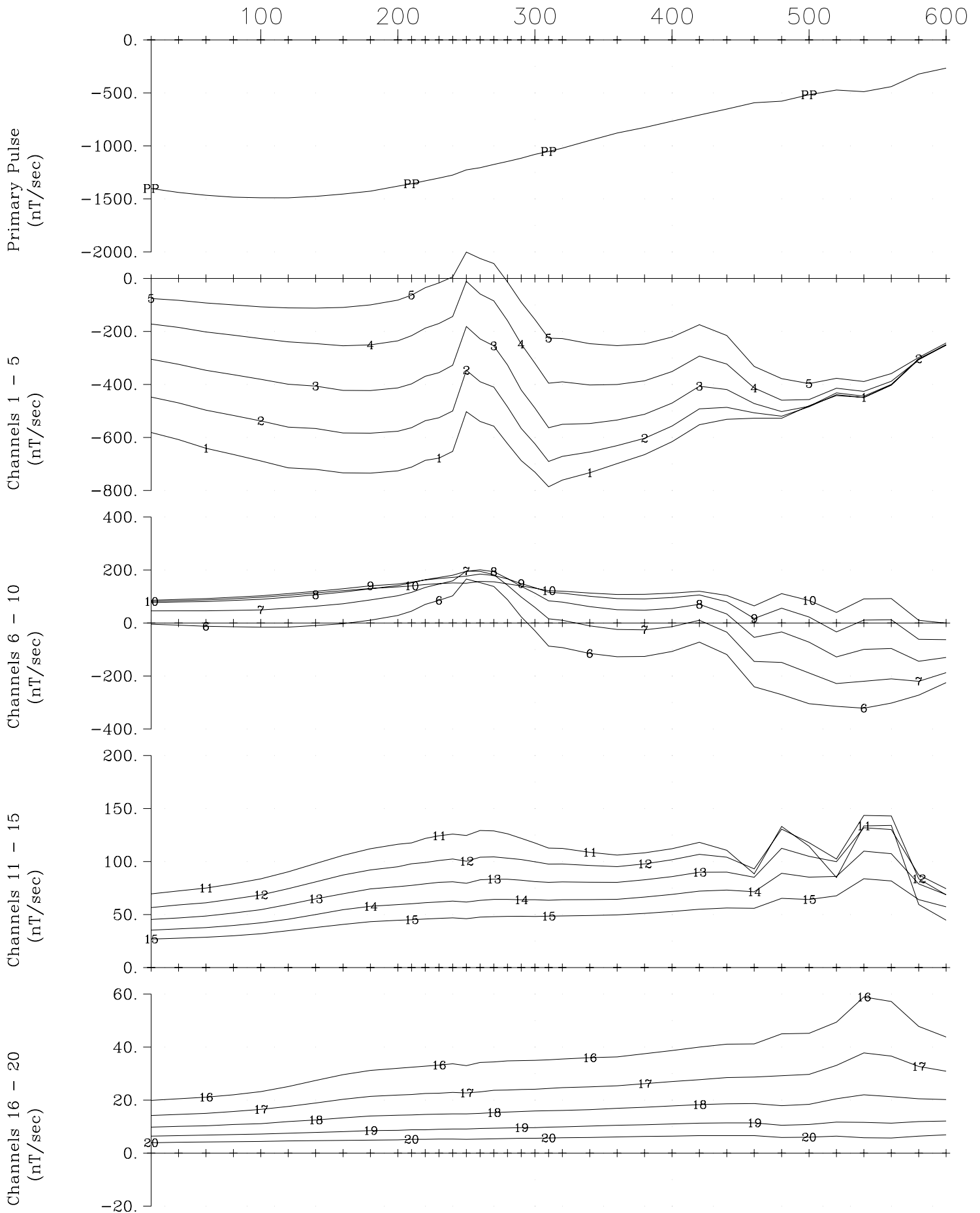


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL0002 Z Component
 Crone Geophysics & Exploration Ltd.

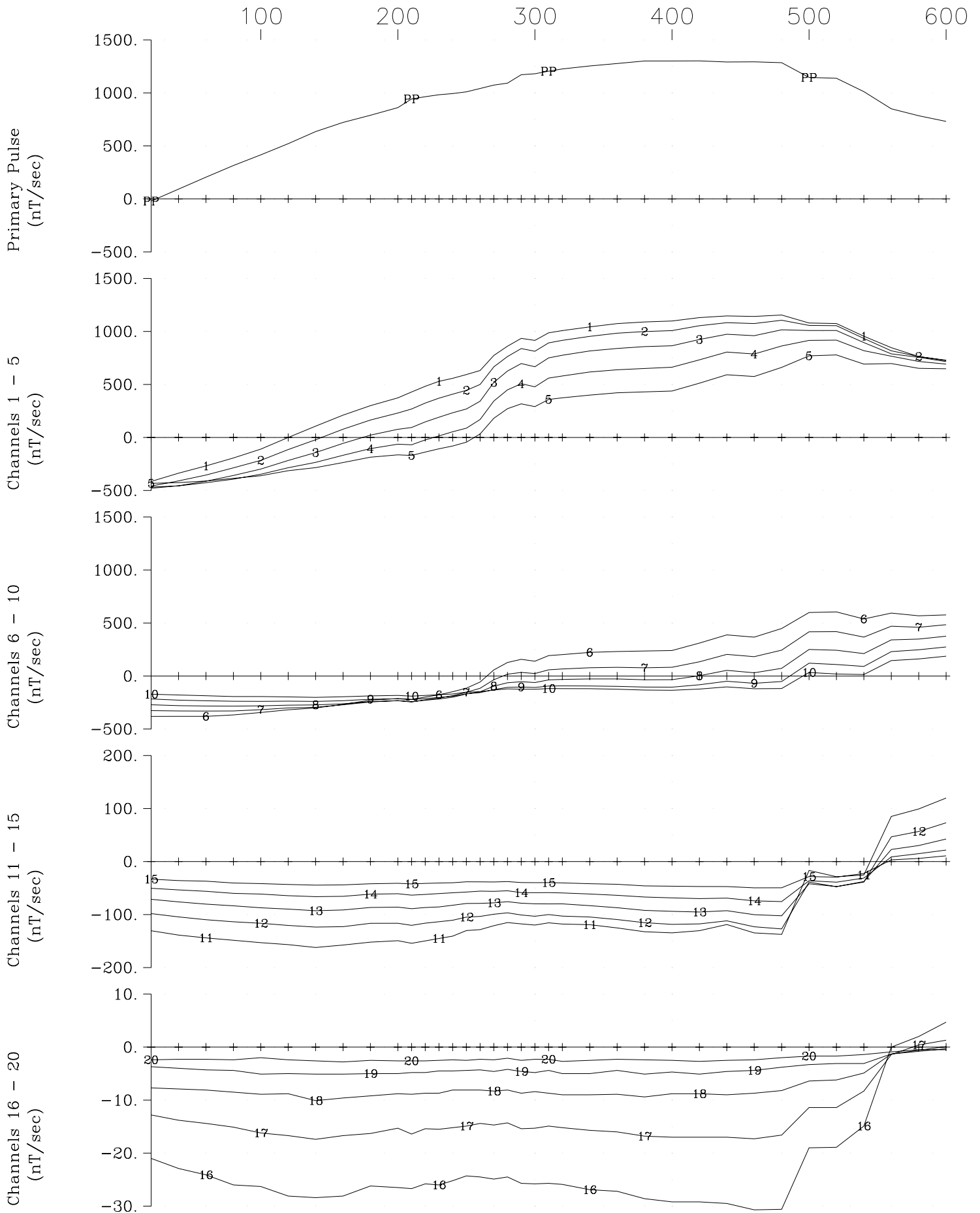




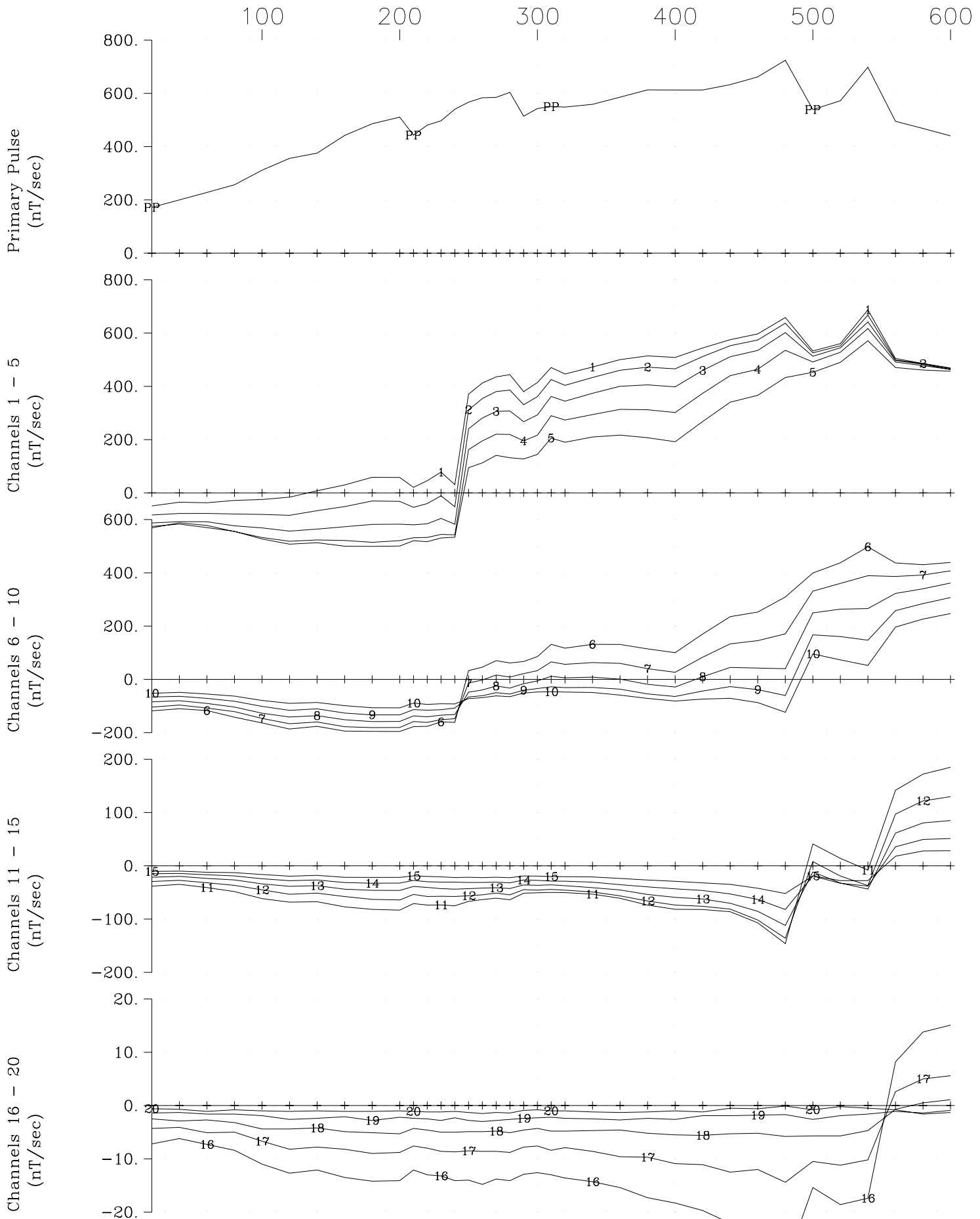
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL0002 Y Component
 Crone Geophysics & Exploration Ltd.



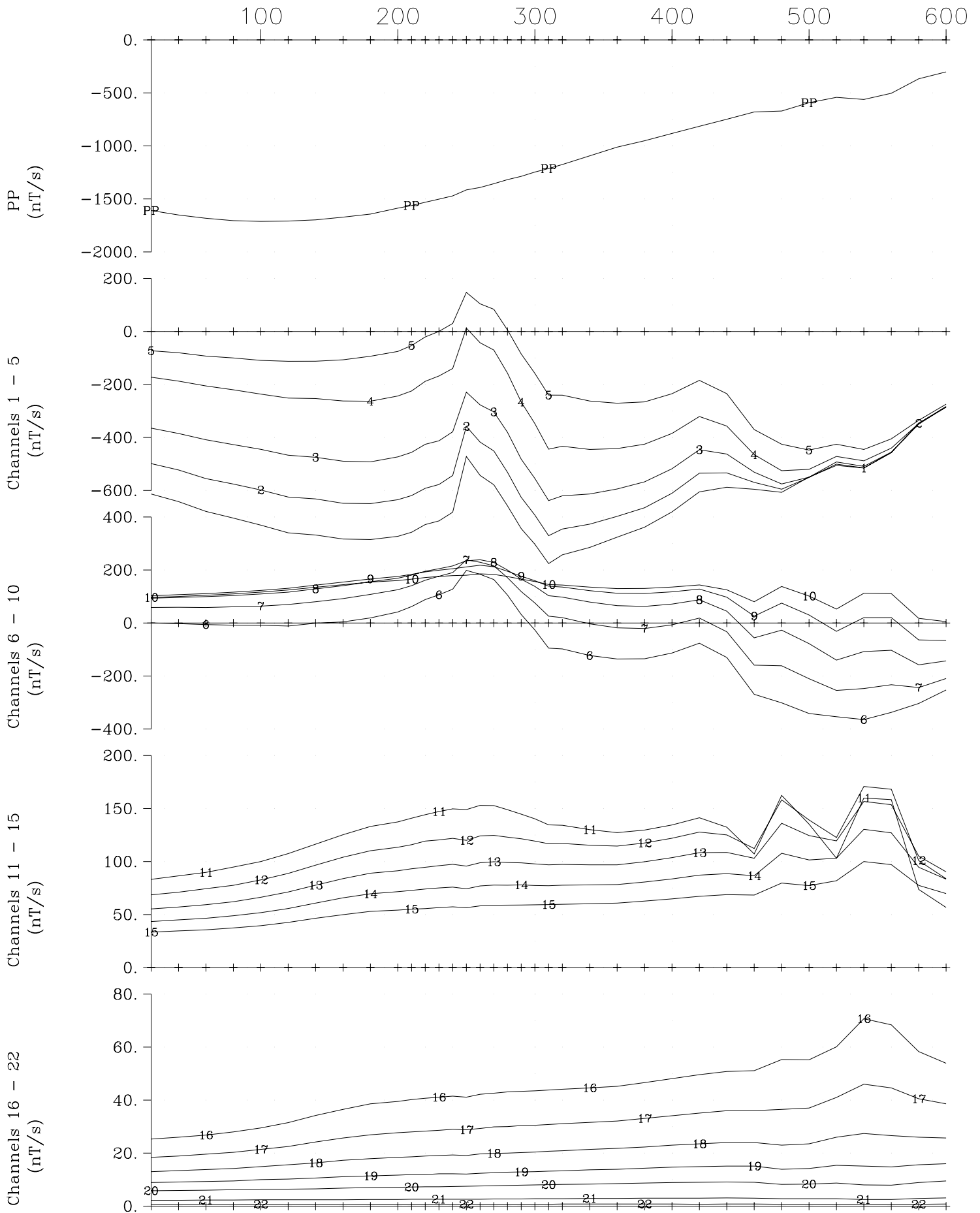
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Z Component
 Crone Geophysics & Exploration Ltd.



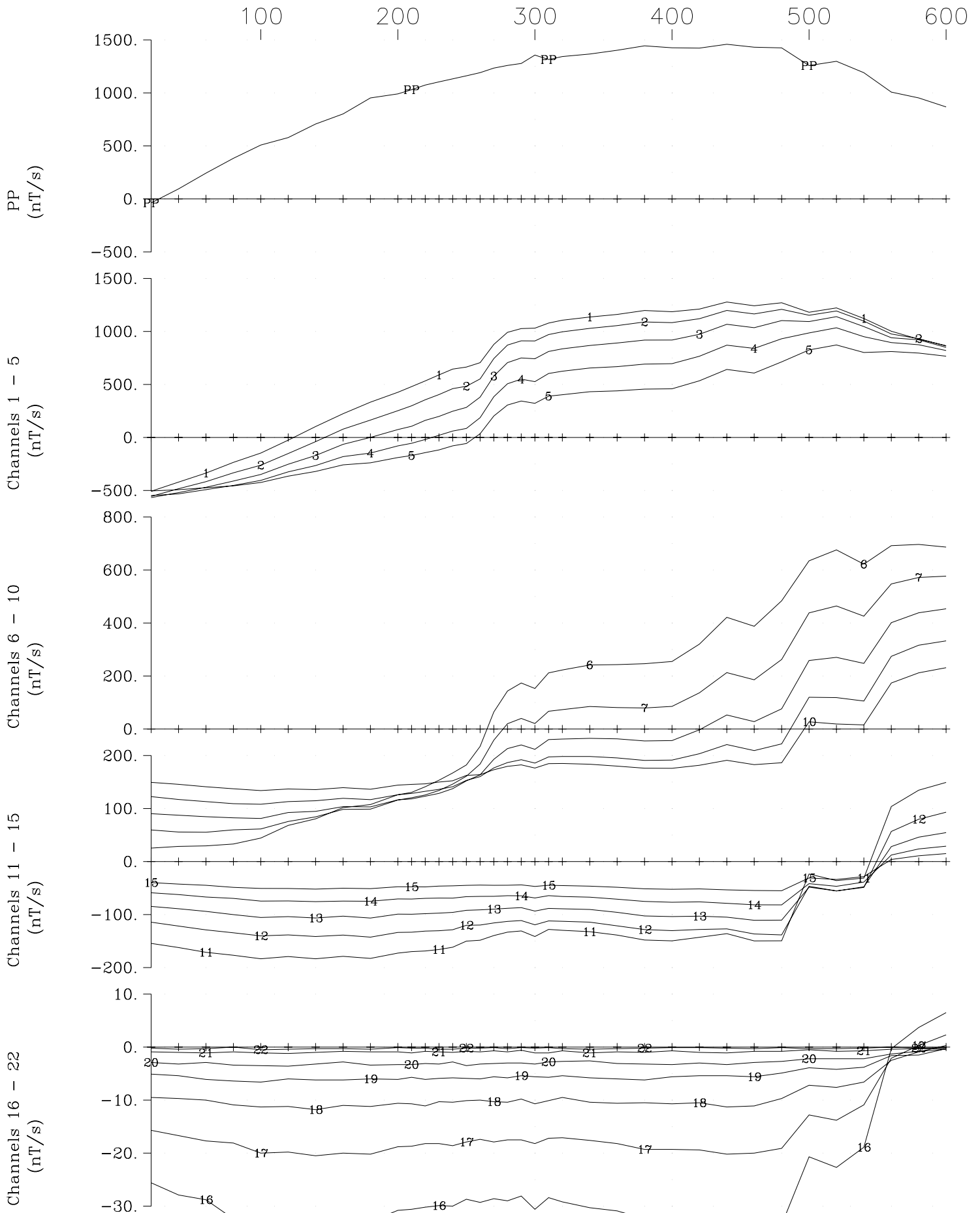
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 X Component
 Crone Geophysics & Exploration Ltd.



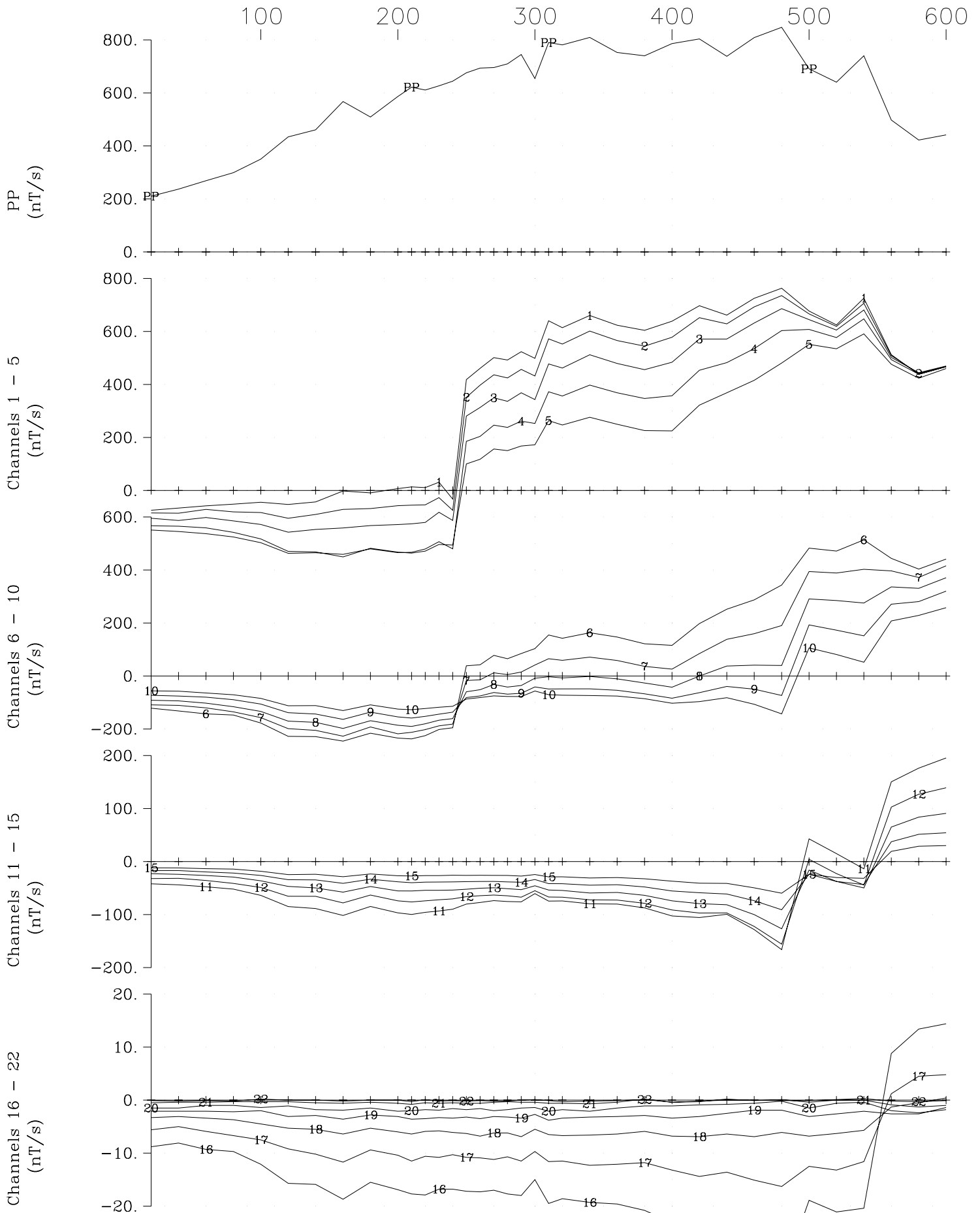
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Y Component
 Crone Geophysics & Exploration Ltd.



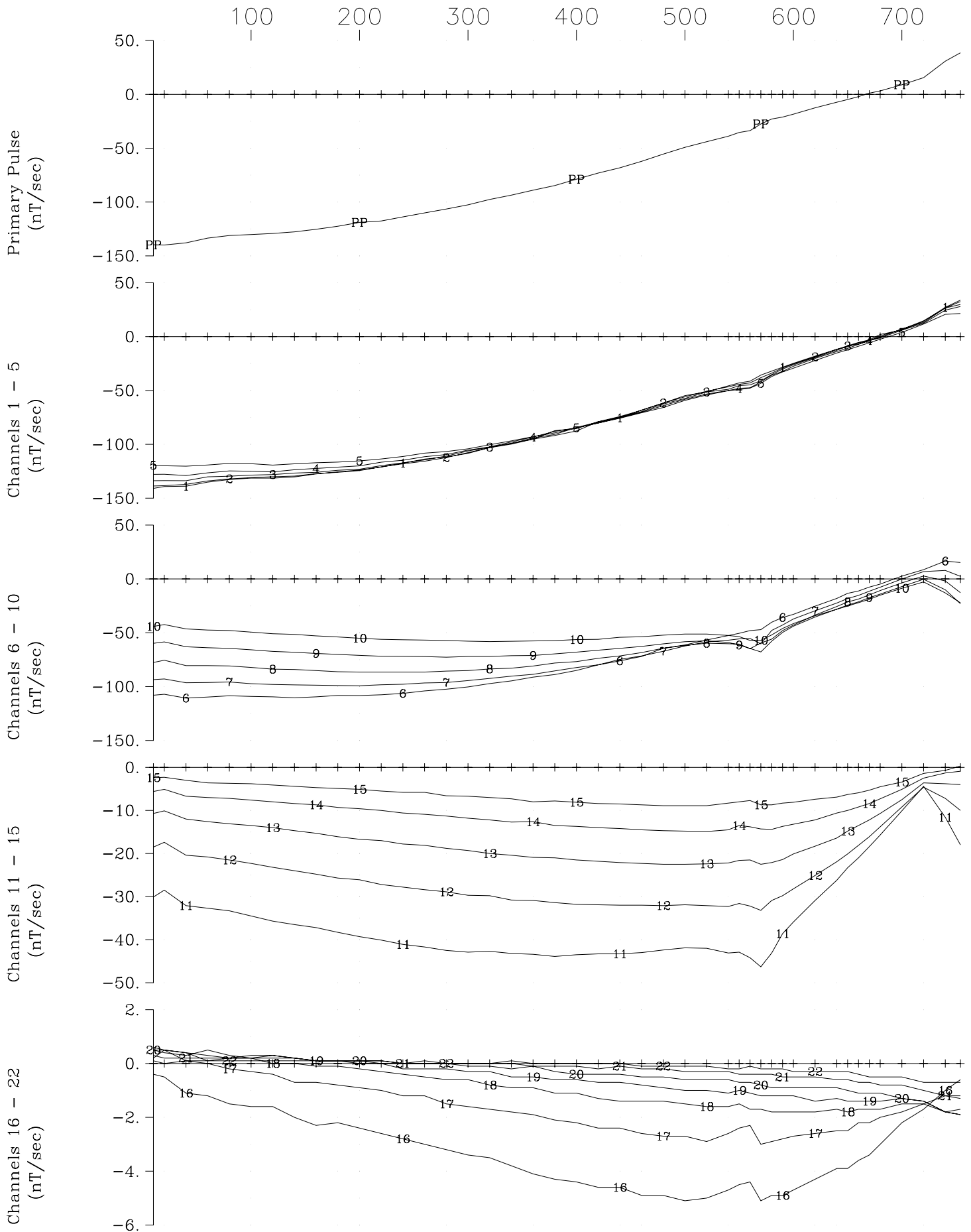
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Z Component
 Crone Geophysics & Exploration Ltd.



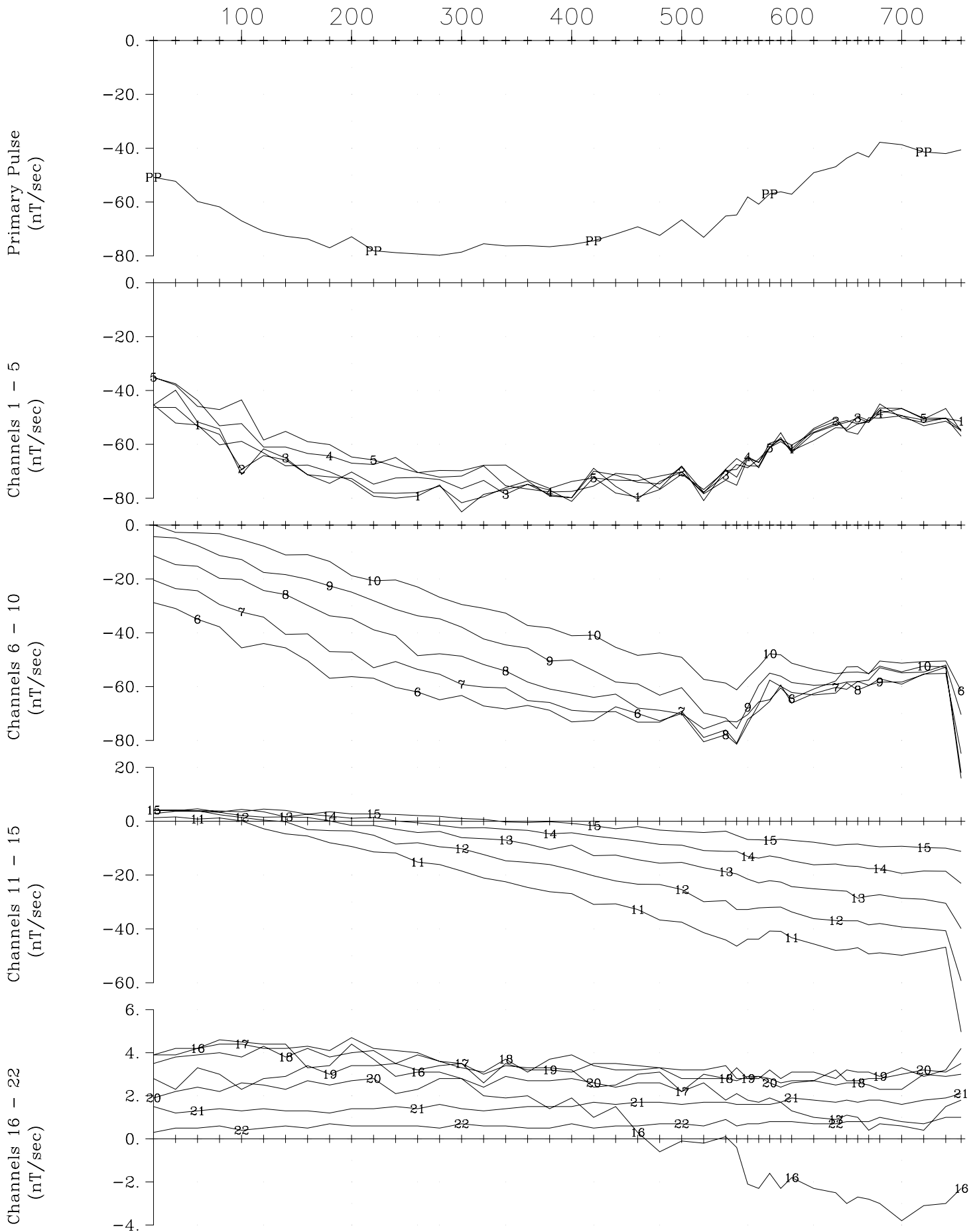
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 X Component
 Crone Geophysics & Exploration Ltd.



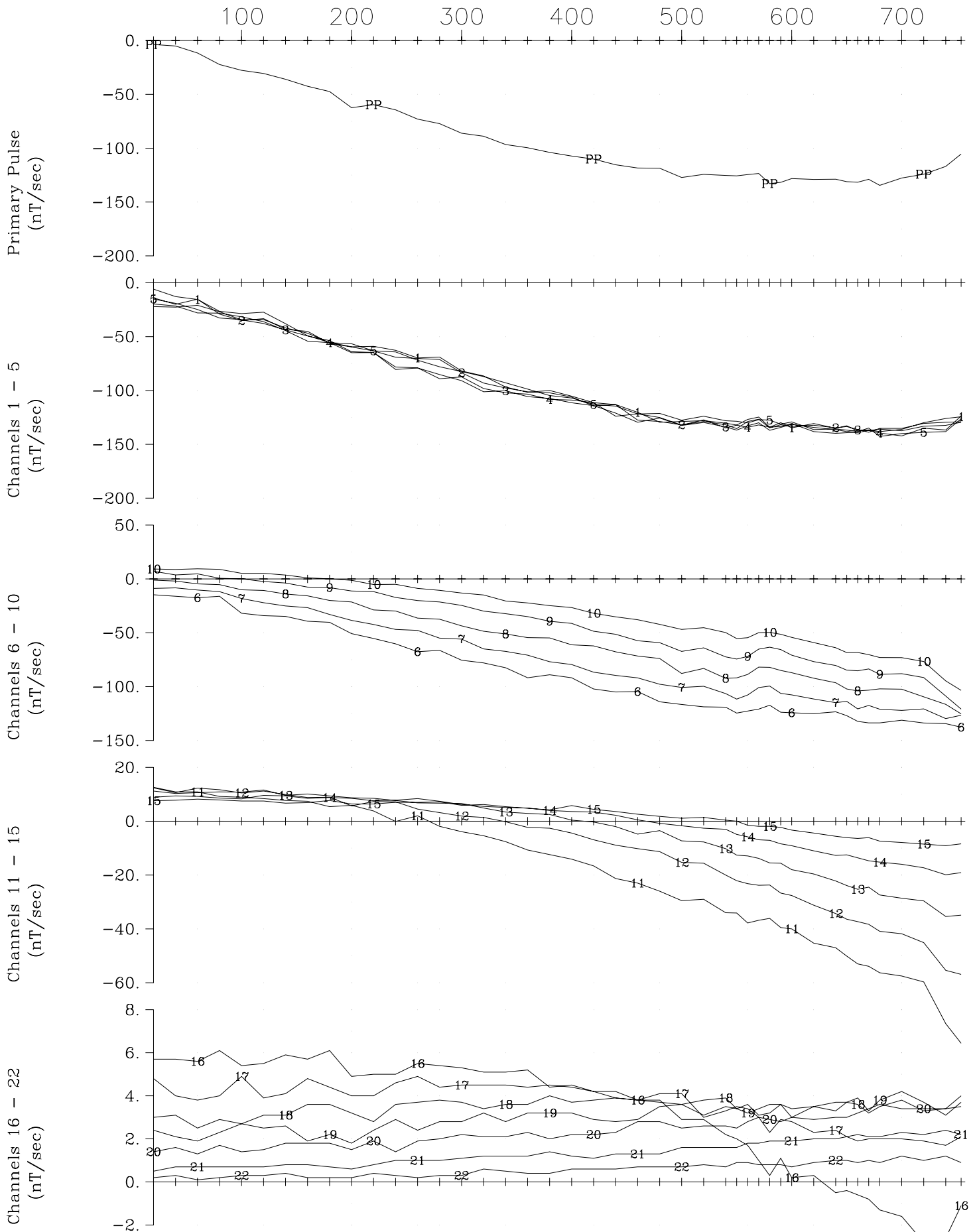
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Y Component
 Crone Geophysics & Exploration Ltd.



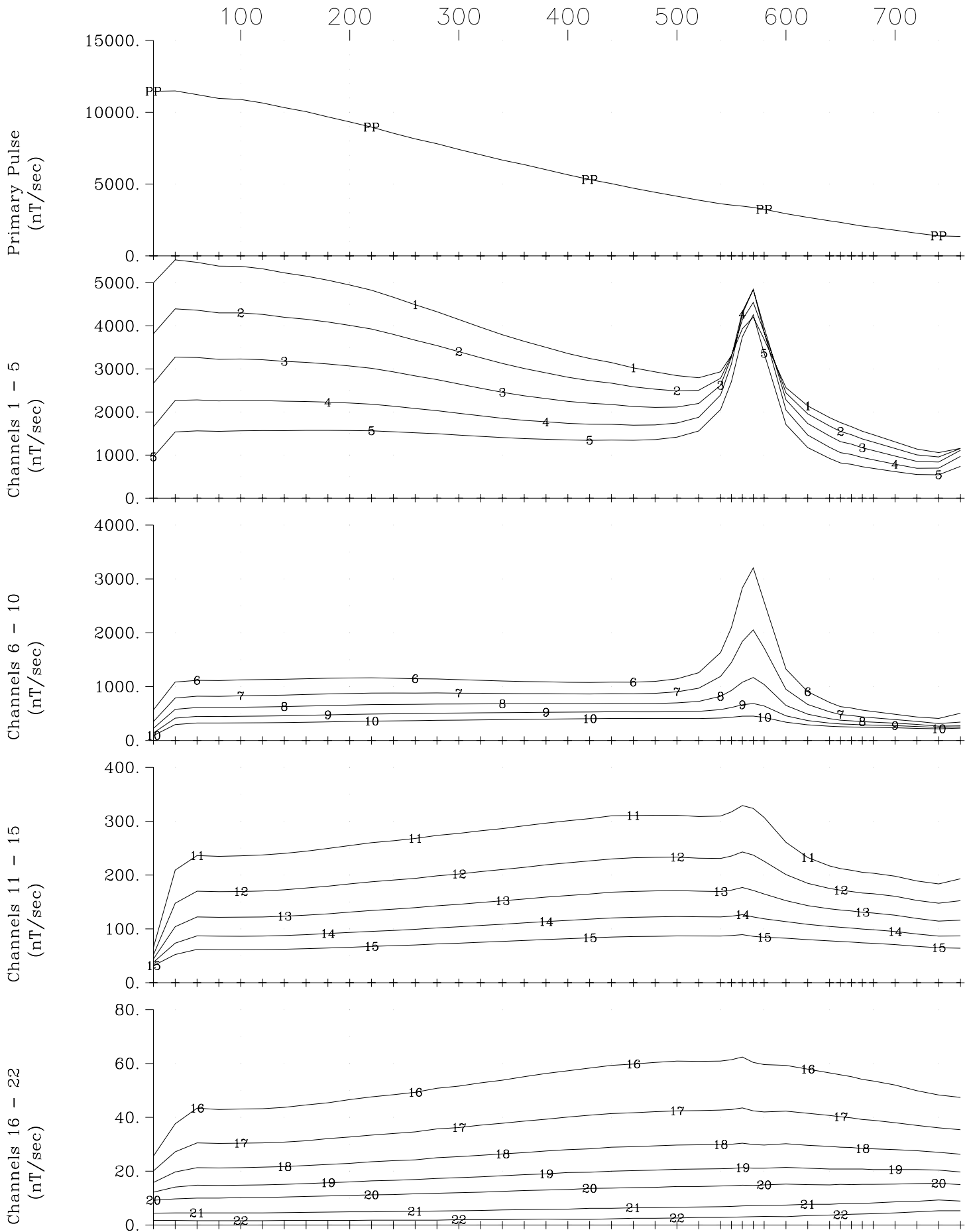
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0003 Z Component
 Crone Geophysics & Exploration Ltd.



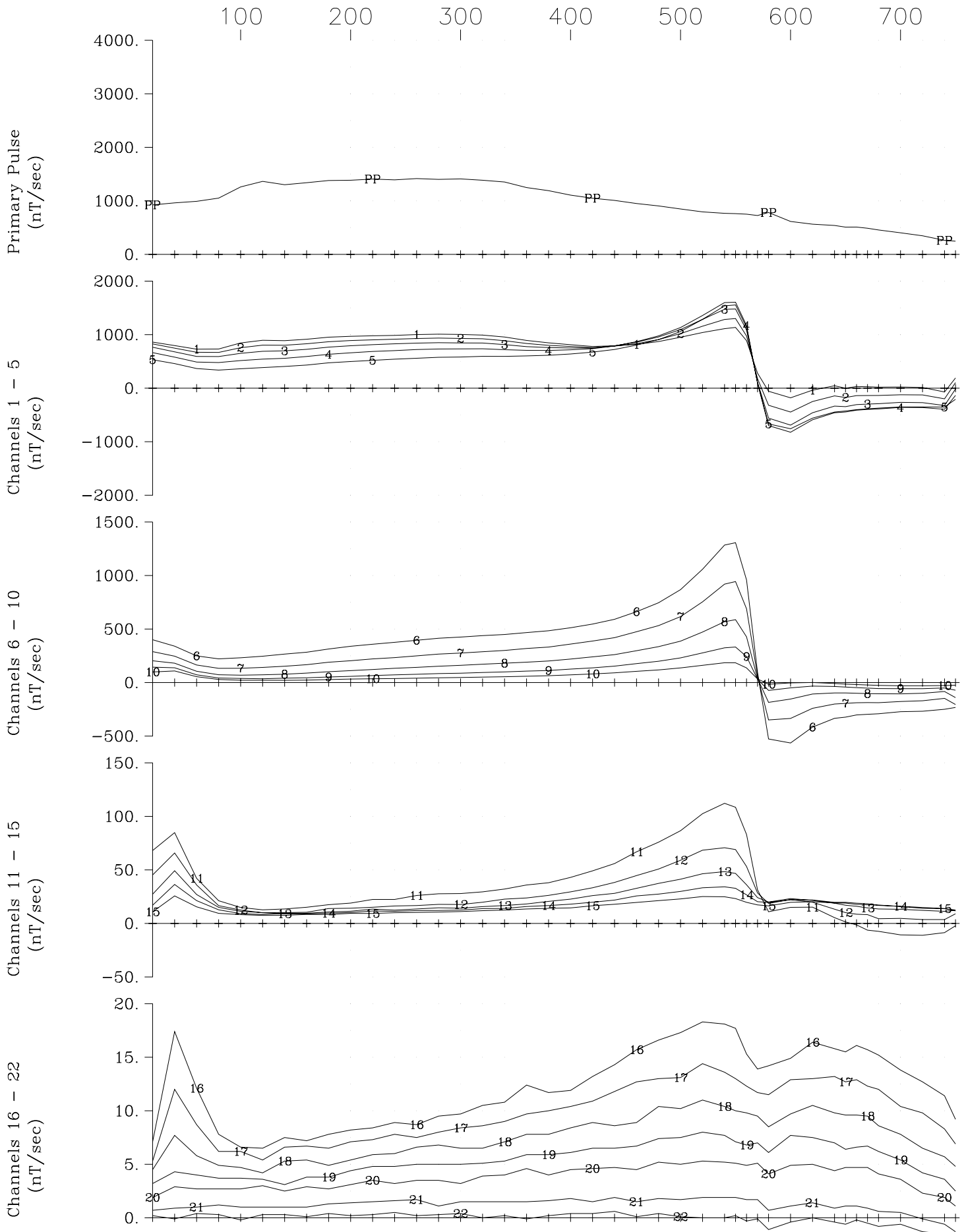
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0003 X Component
 Crone Geophysics & Exploration Ltd.



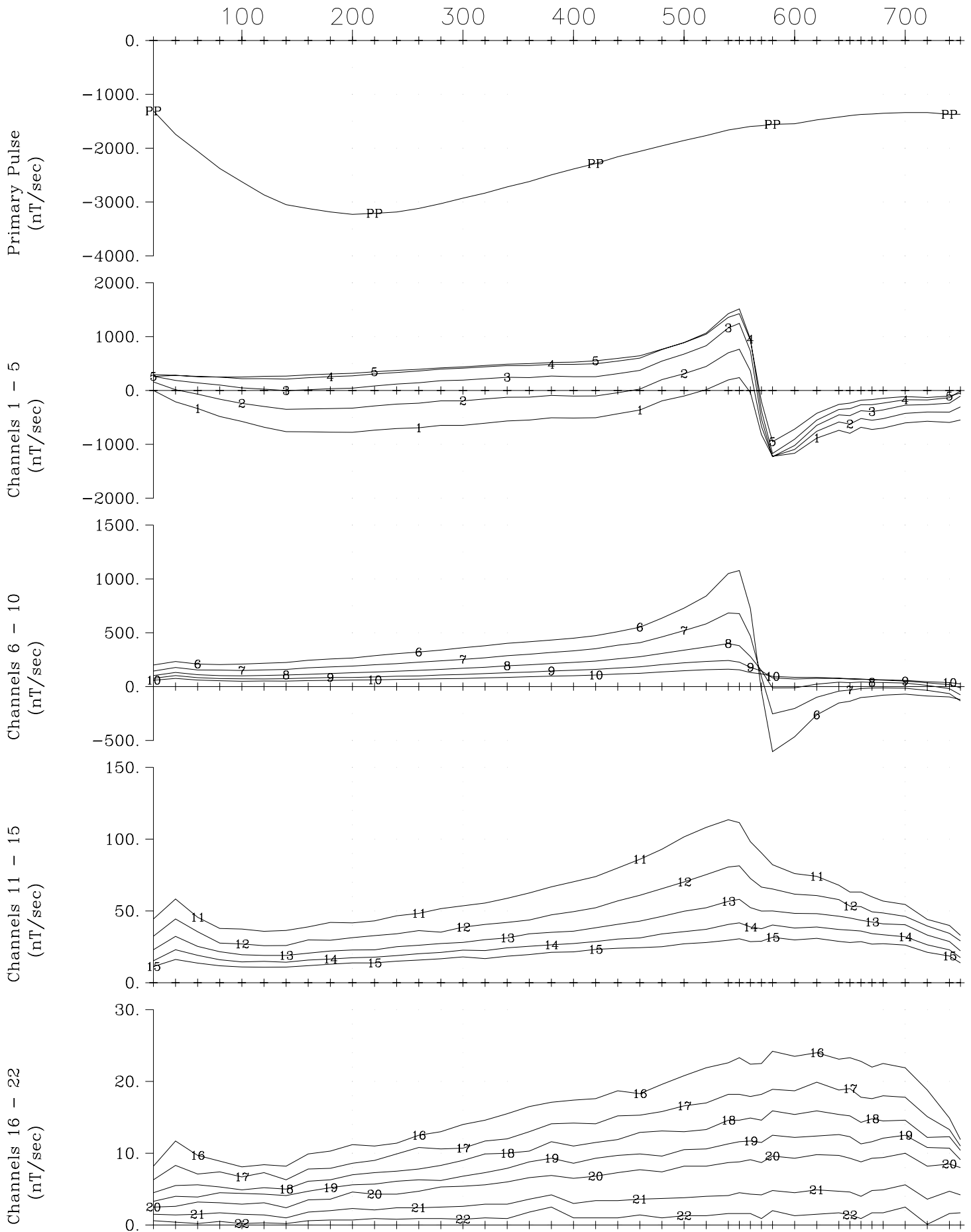
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0003 Y Component
 Crone Geophysics & Exploration Ltd.



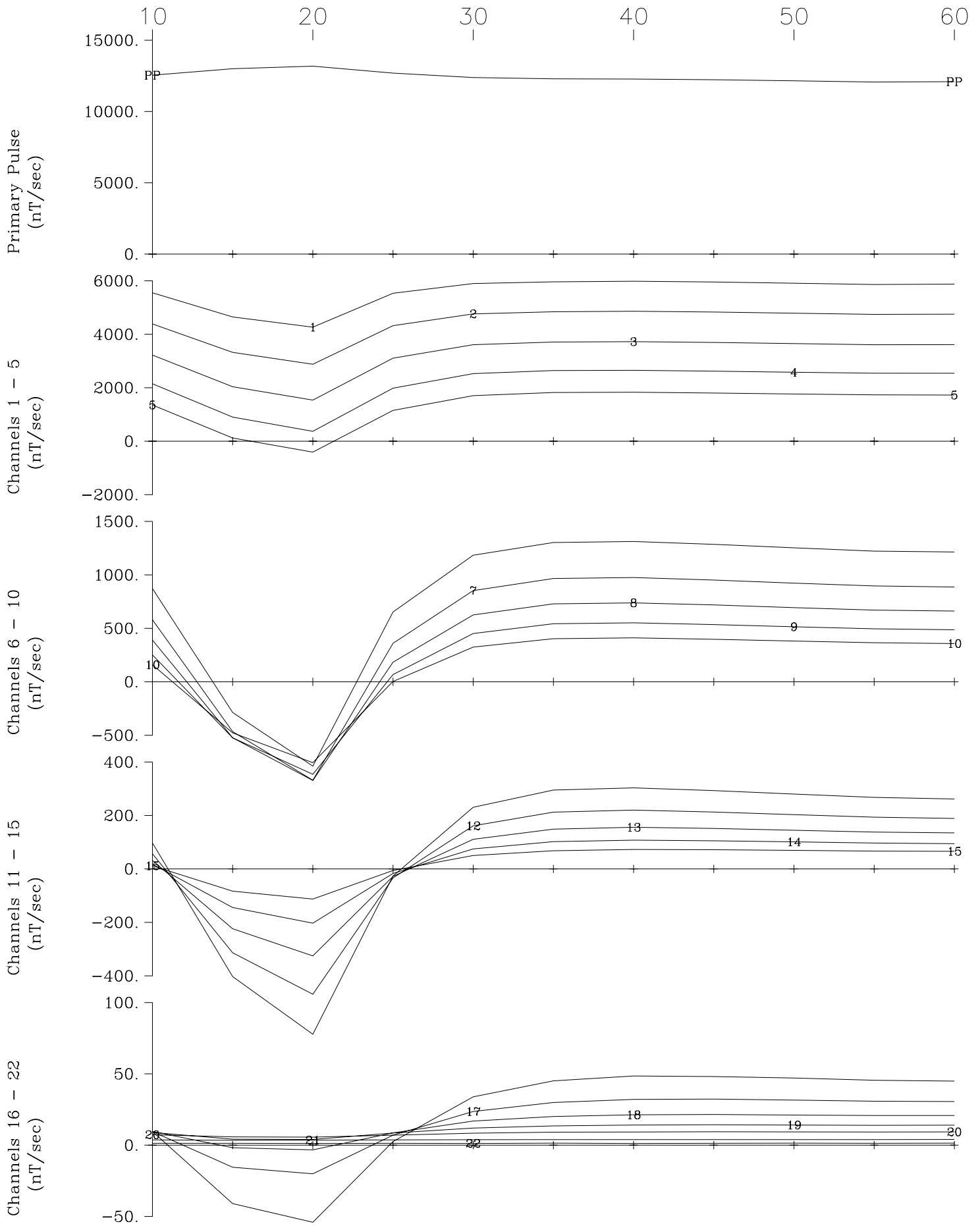
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 Loop 14CL_S2, Hole 14CL0003 Z Component
 Crone Geophysics & Exploration Ltd.



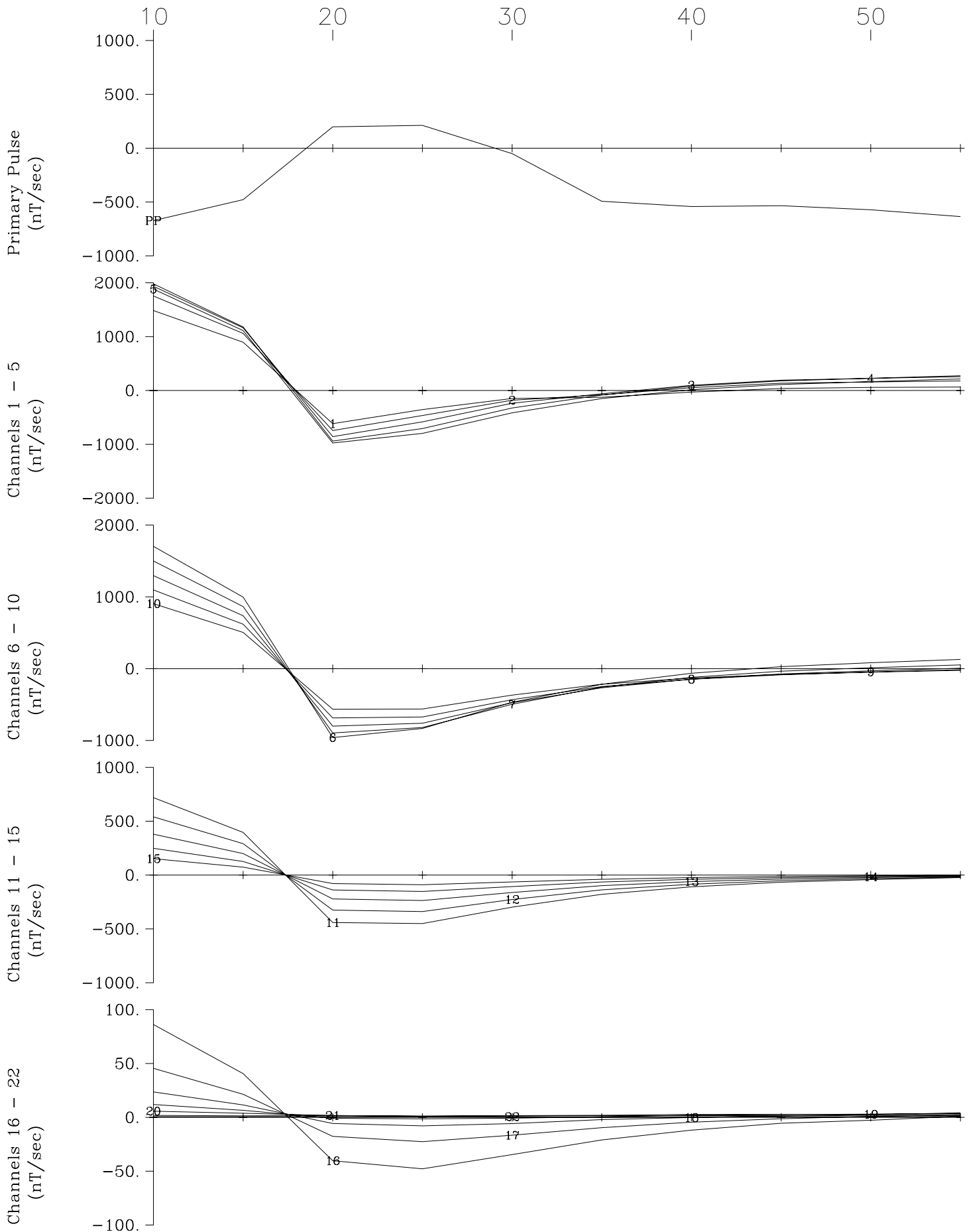
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 Loop 14CL_S2, Hole 14CL0003 X Component
 Crone Geophysics & Exploration Ltd.



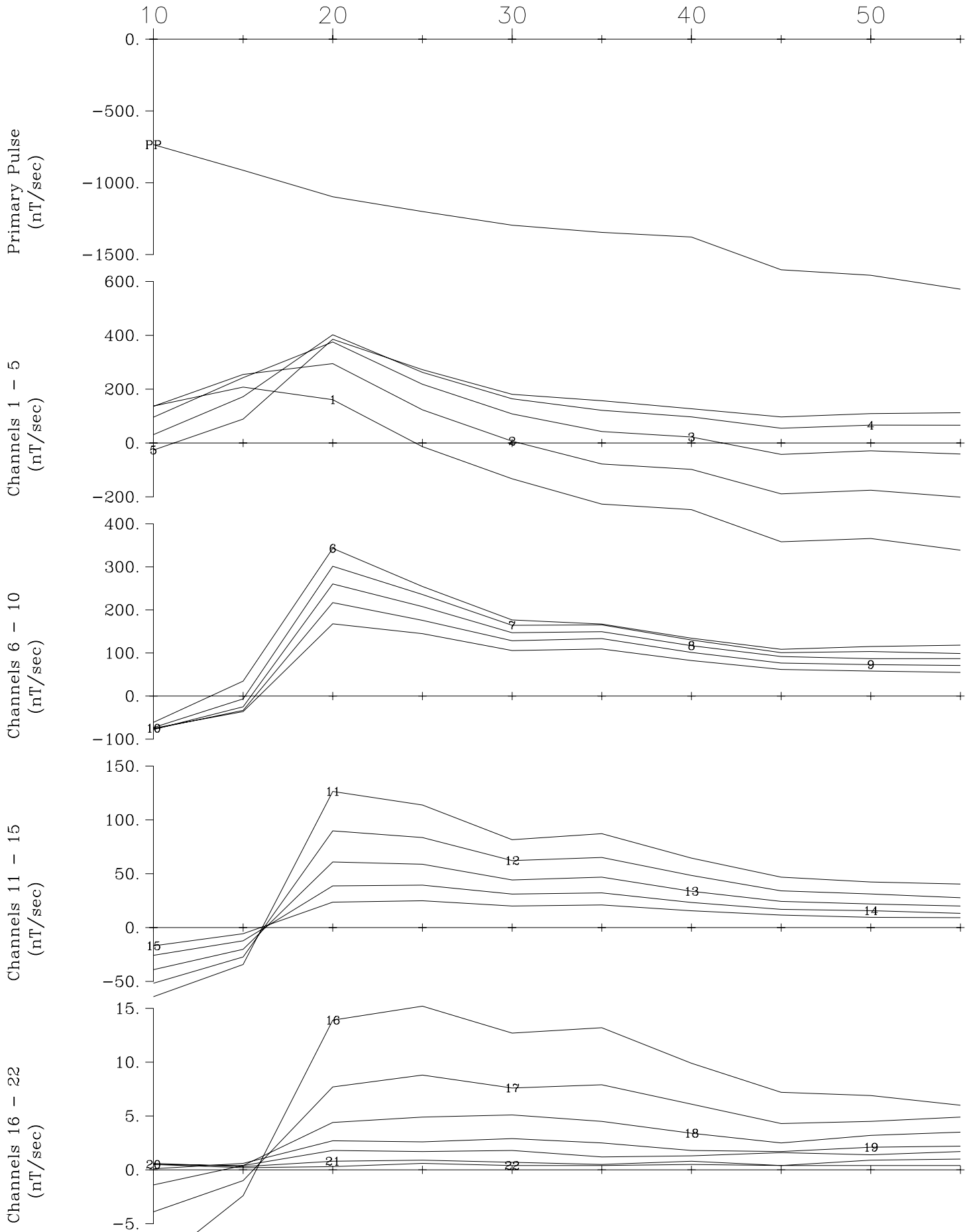
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 Loop 14CL_S2, Hole 14CL0003 Y Component
 Crone Geophysics & Exploration Ltd.



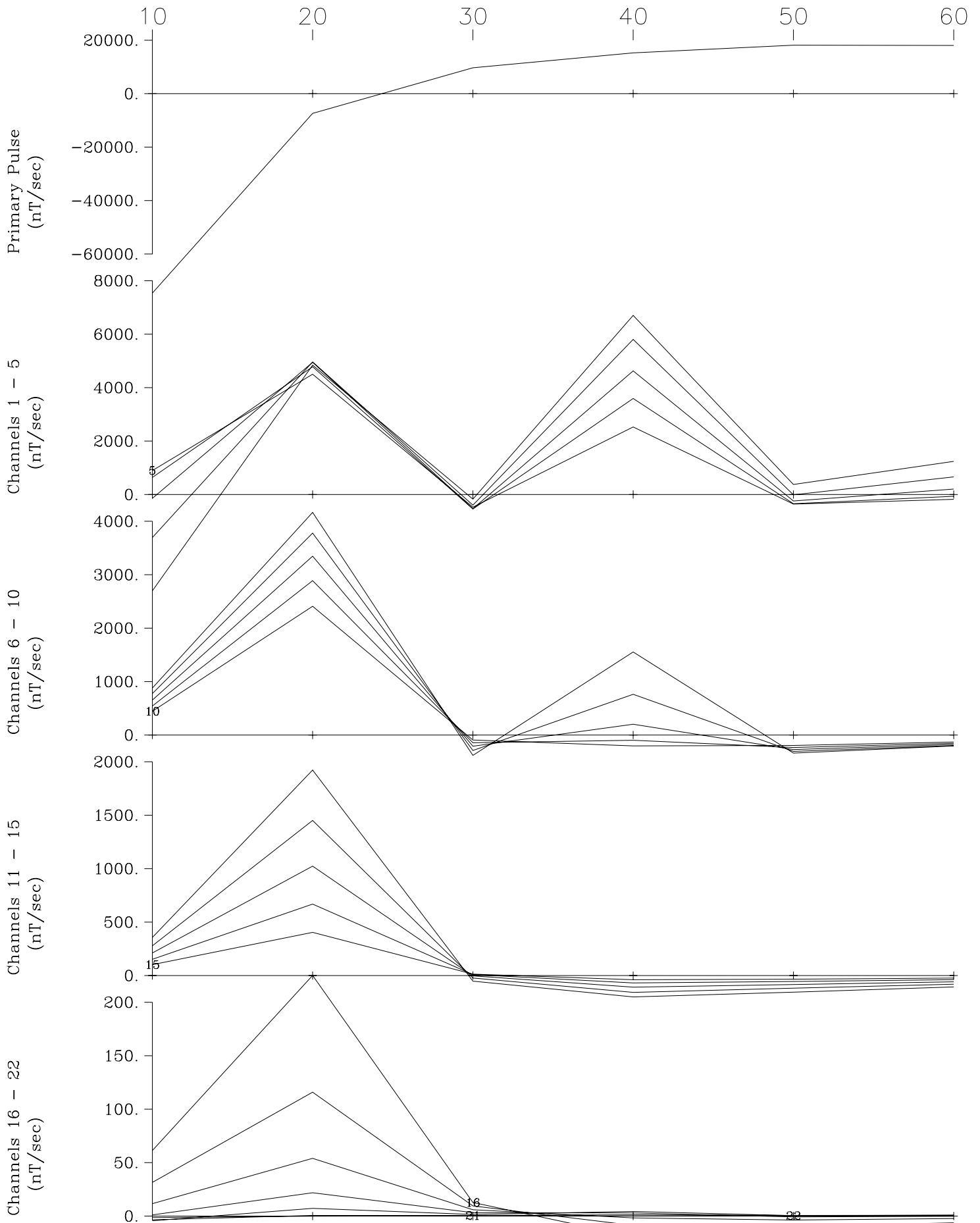
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 Loop 14CL_S2, Hole 14CL0004 Z Component
 Crone Geophysics & Exploration Ltd.



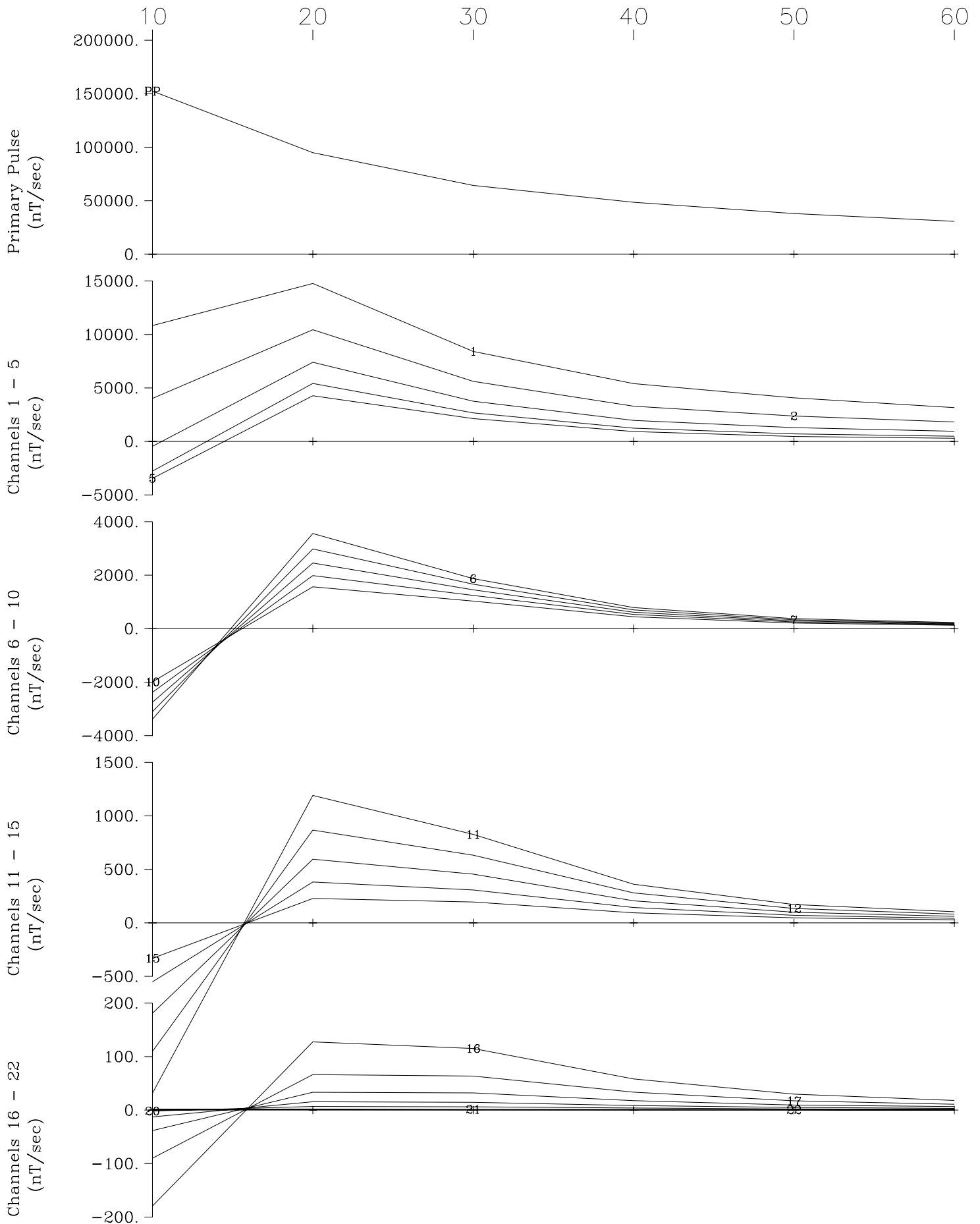
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 Loop 14CL_S2, Hole 14CL0004 X Component
 Crone Geophysics & Exploration Ltd.



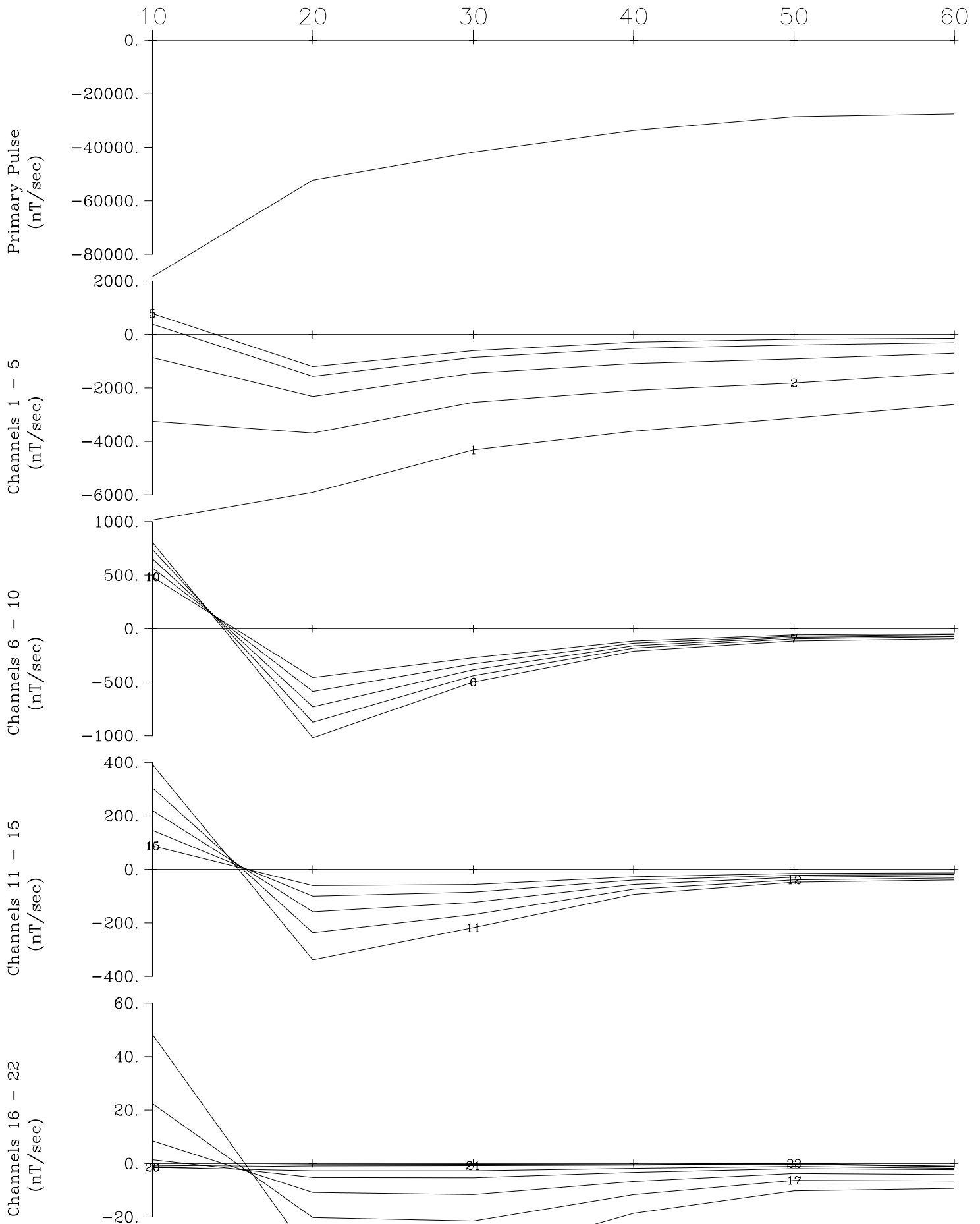
Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0004 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop 14CL_S3, Hole 14CL0004 Z Component
 Crone Geophysics & Exploration Ltd.

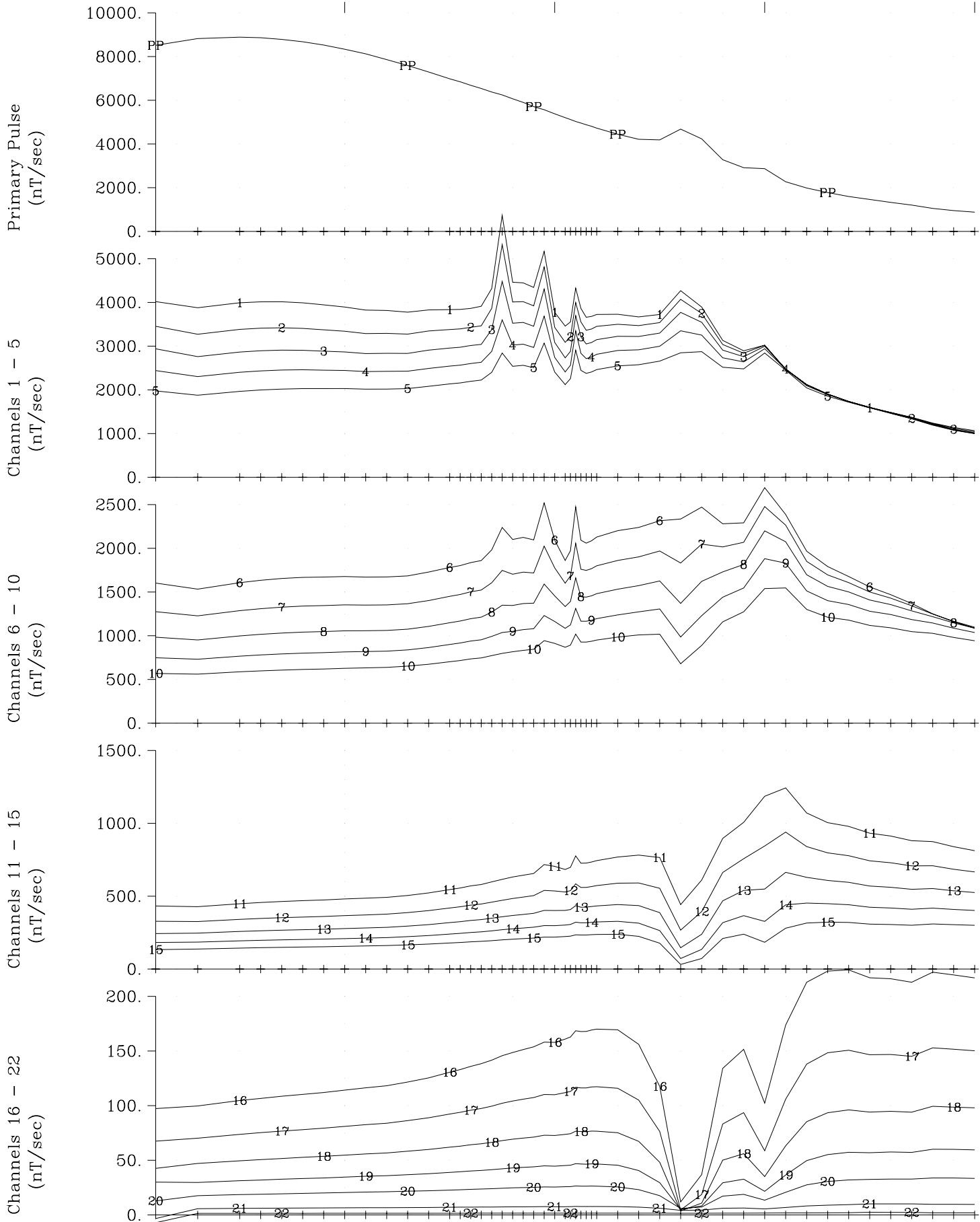


Rio Tinto Exploration Crystal Lake
 Loop 14CL_S3, Hole 14CL0004 X Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop 14CL_S3, Hole 14CL0004 Y Component
 Crone Geophysics & Exploration Ltd.

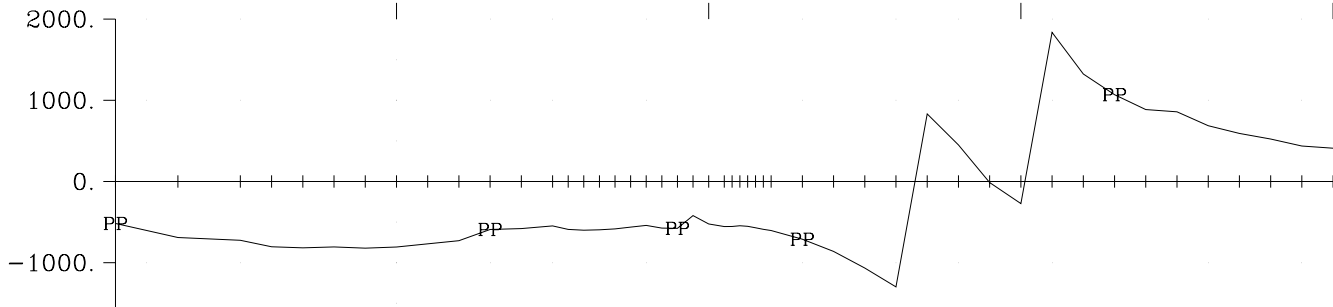
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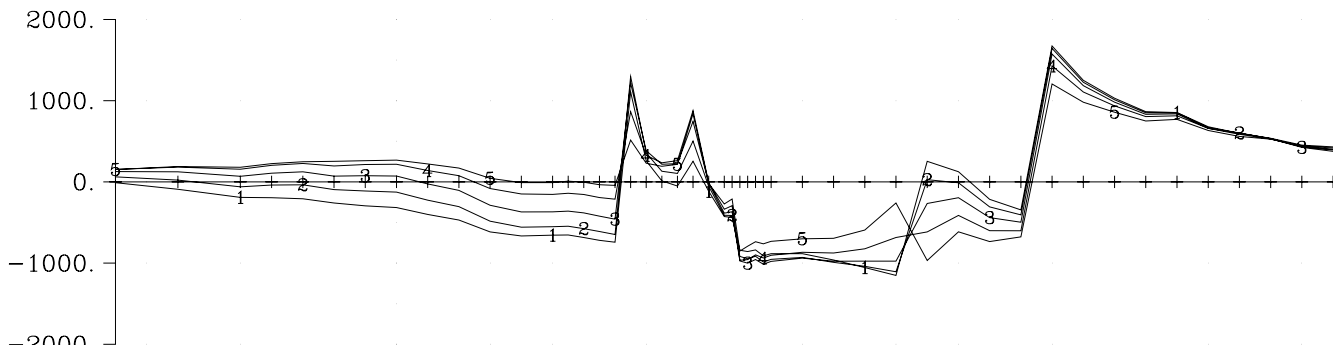
Rio Tinto Exploration Crystal Lake
Loop 14CL_North, Hole 14CL0005 Z Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

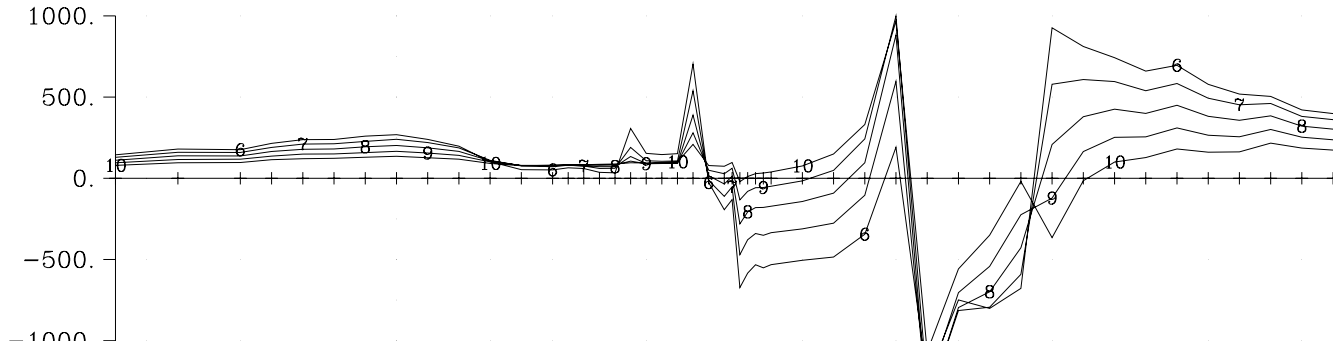
Primary Pulse
(nT/sec)



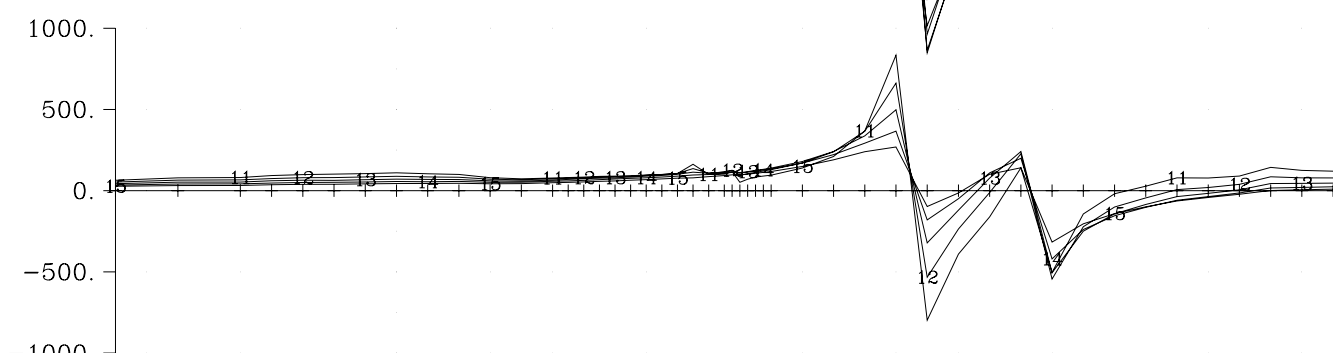
Channels 1 - 5
(nT/sec)



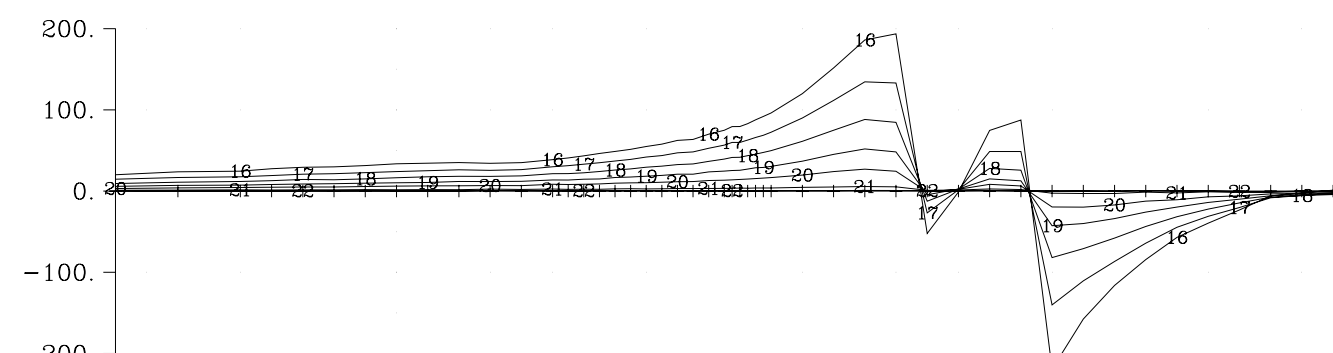
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)



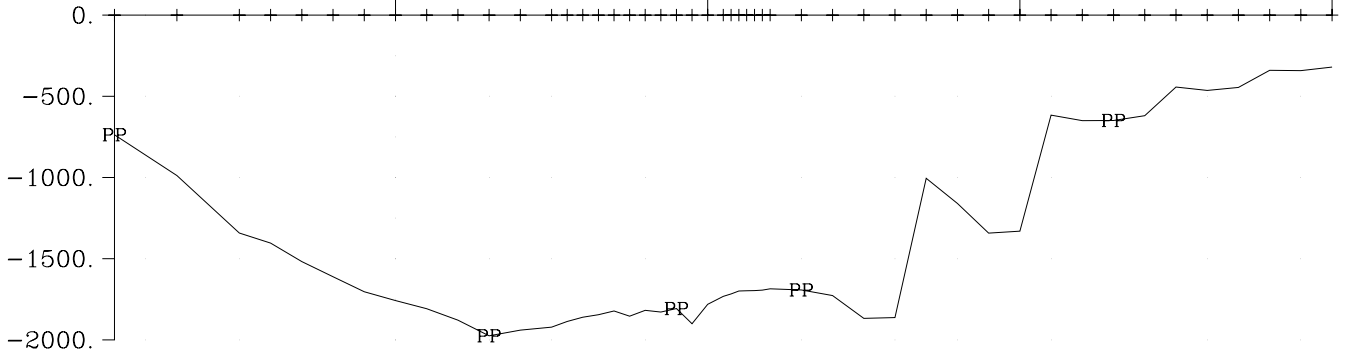
Channels 16 - 22
(nT/sec)



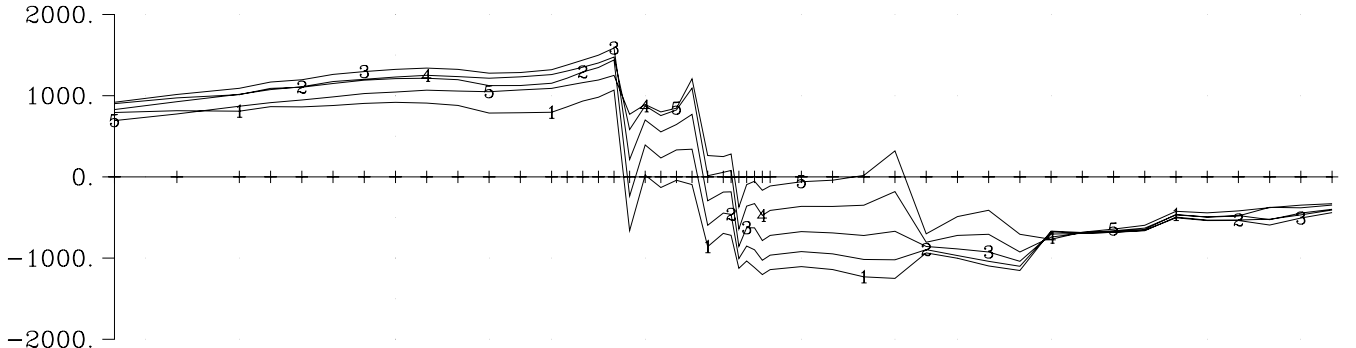
Rio Tinto Exploration Crystal Lake
Loop 14CL_North, Hole 14CL0005 X Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

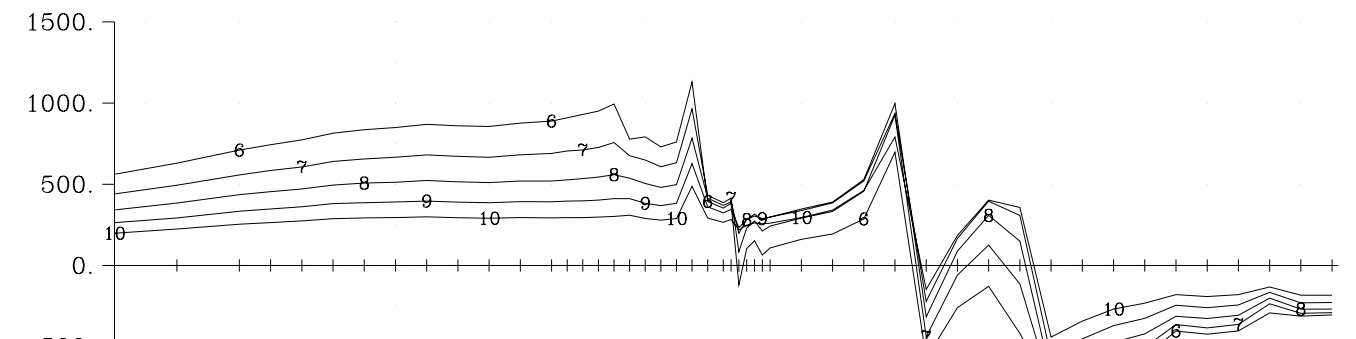
Primary Pulse
(nT/sec)



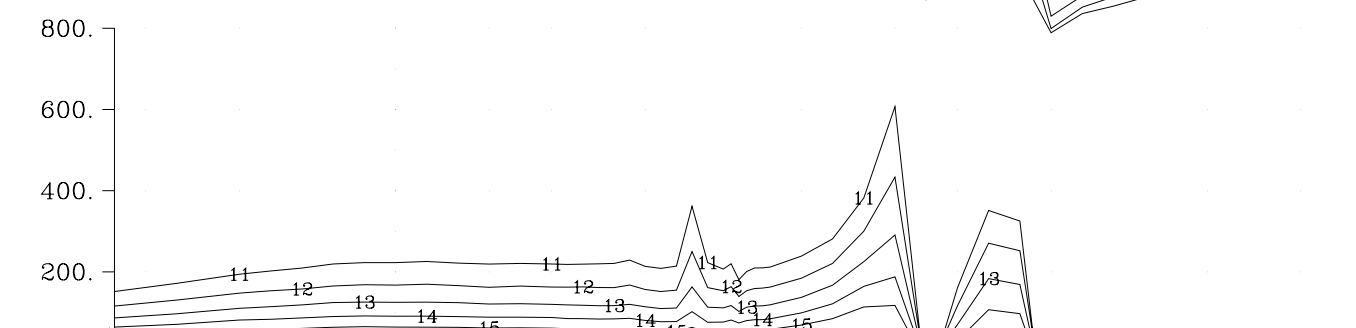
Channels 1 - 5
(nT/sec)



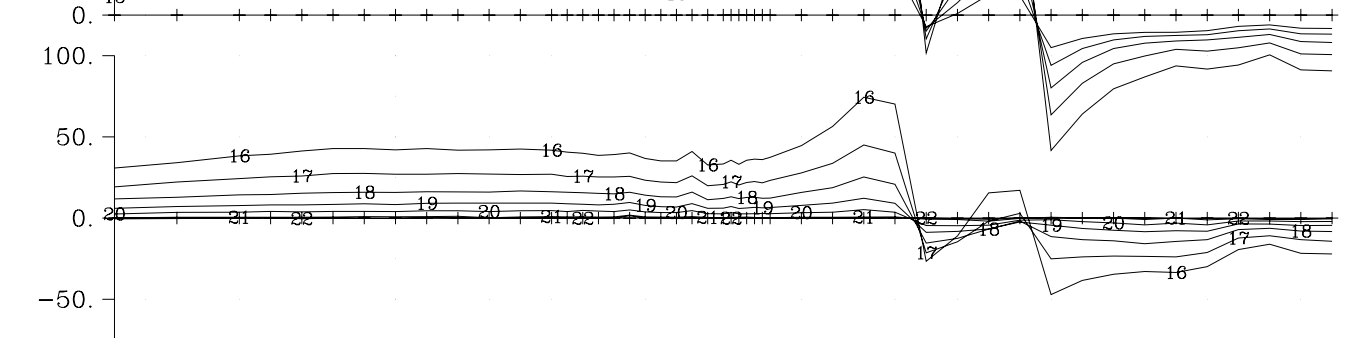
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)

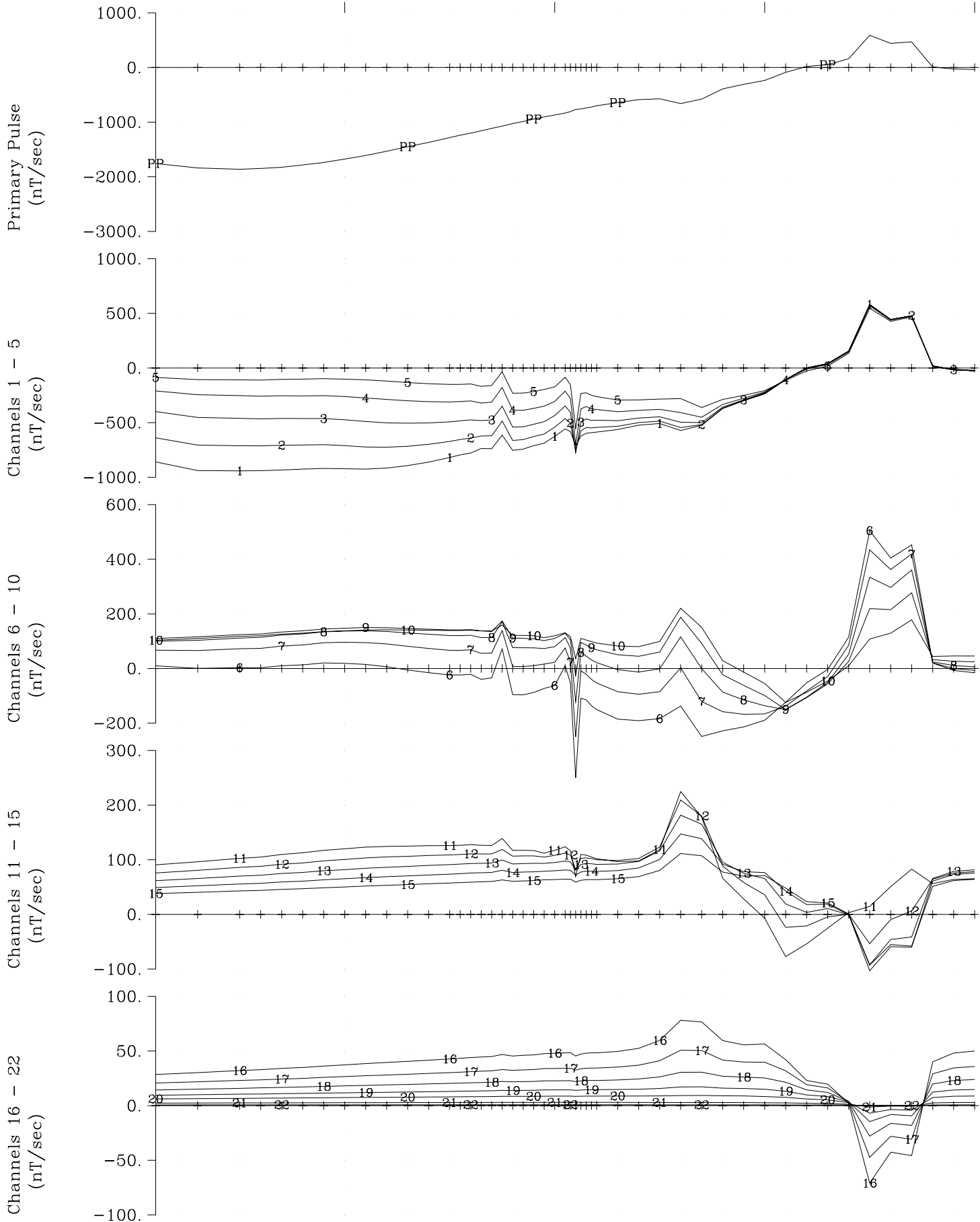


Channels 16 - 22
(nT/sec)



Rio Tinto Exploration Crystal Lake
Loop 14CL_North, Hole 14CL0005 Y Component
Crone Geophysics & Exploration Ltd.

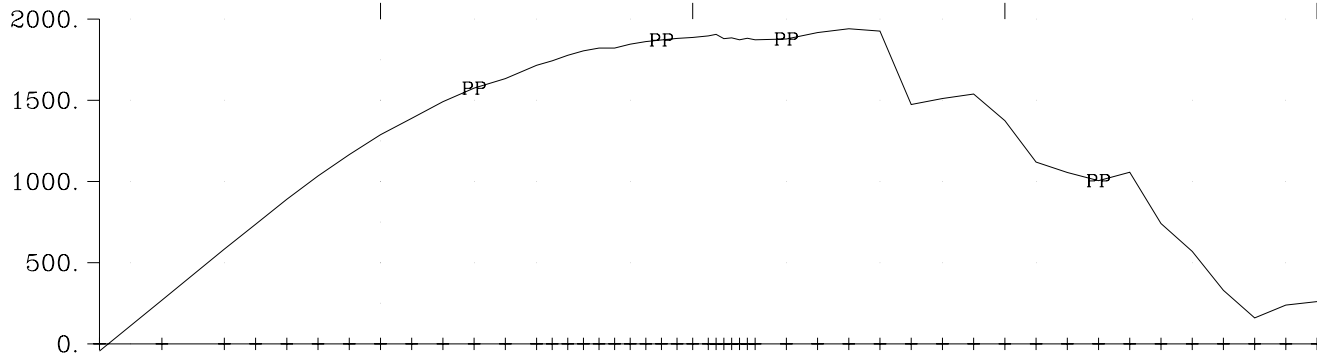
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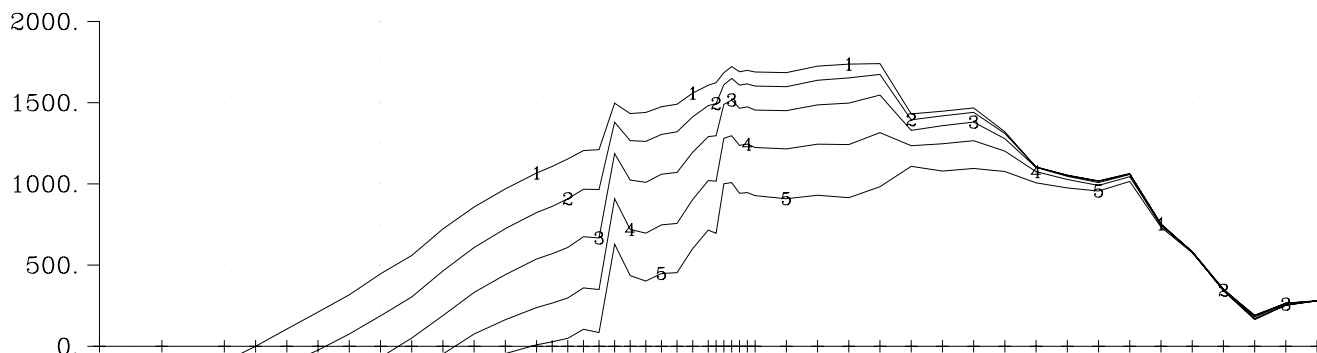
Rio Tinto Exploration Crystal Lake
Loop 14CL_SOUTH, Hole 14CL0005 Z Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

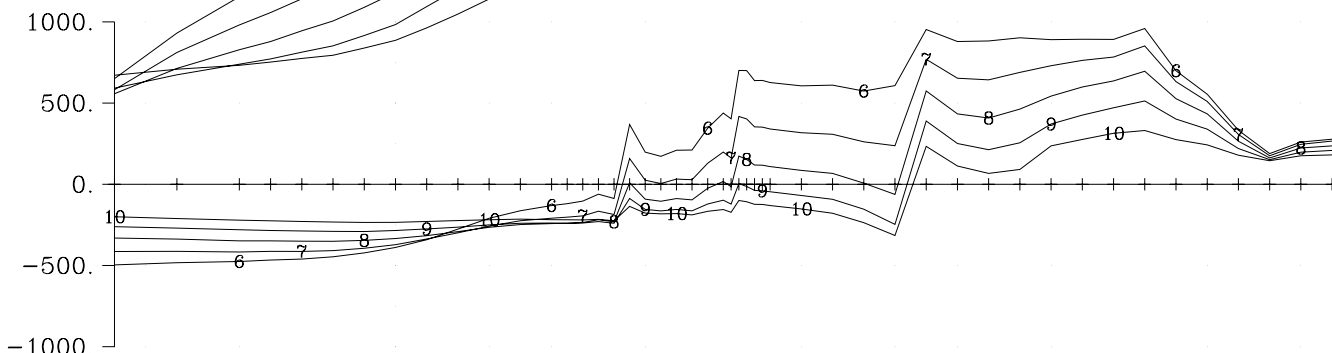
Primary Pulse
(nT/sec)



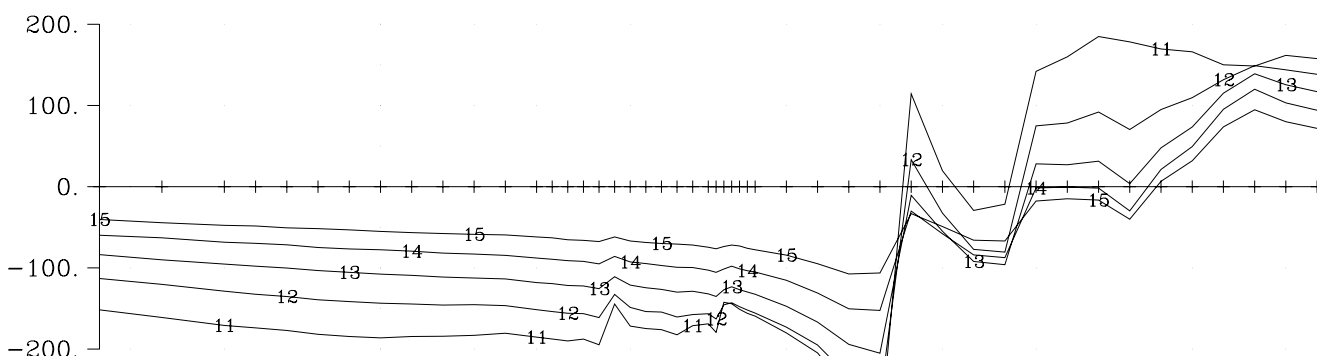
Channels 1 - 5
(nT/sec)



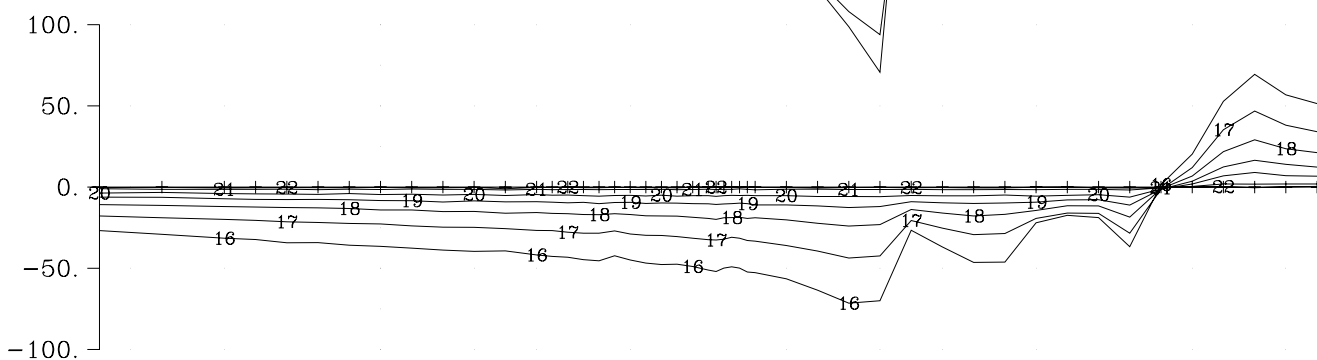
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)

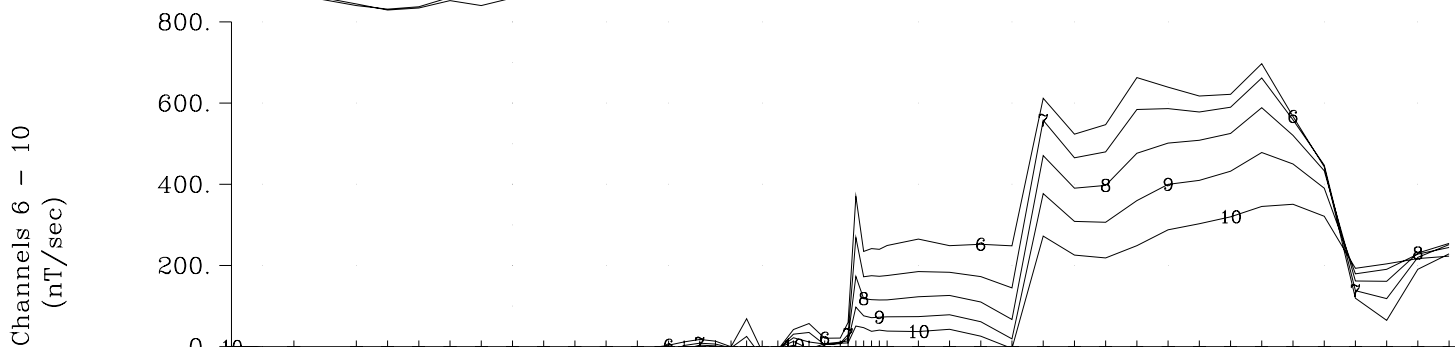
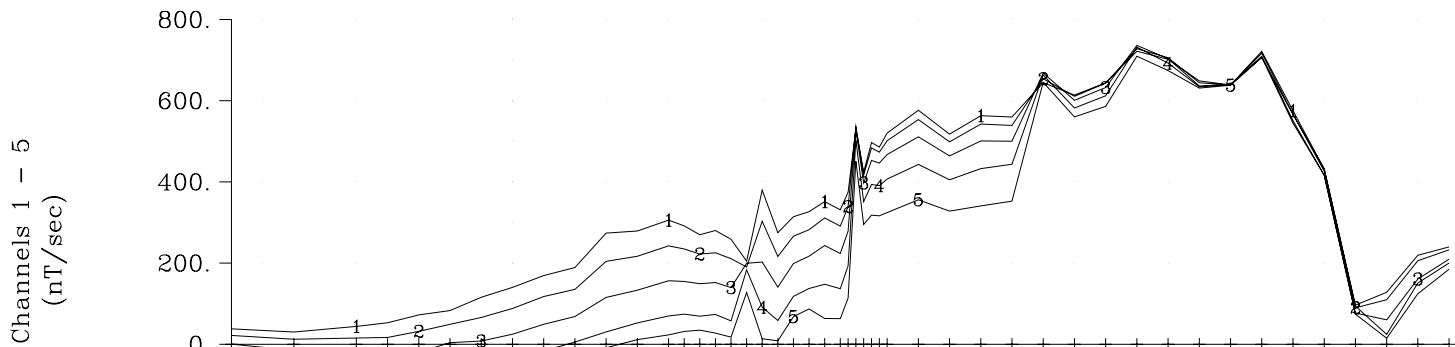
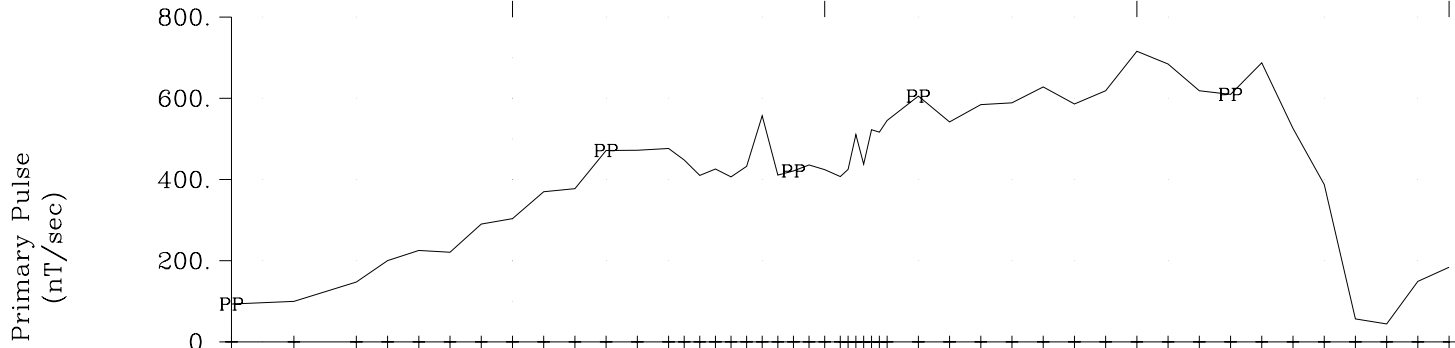


Channels 16 - 22
(nT/sec)

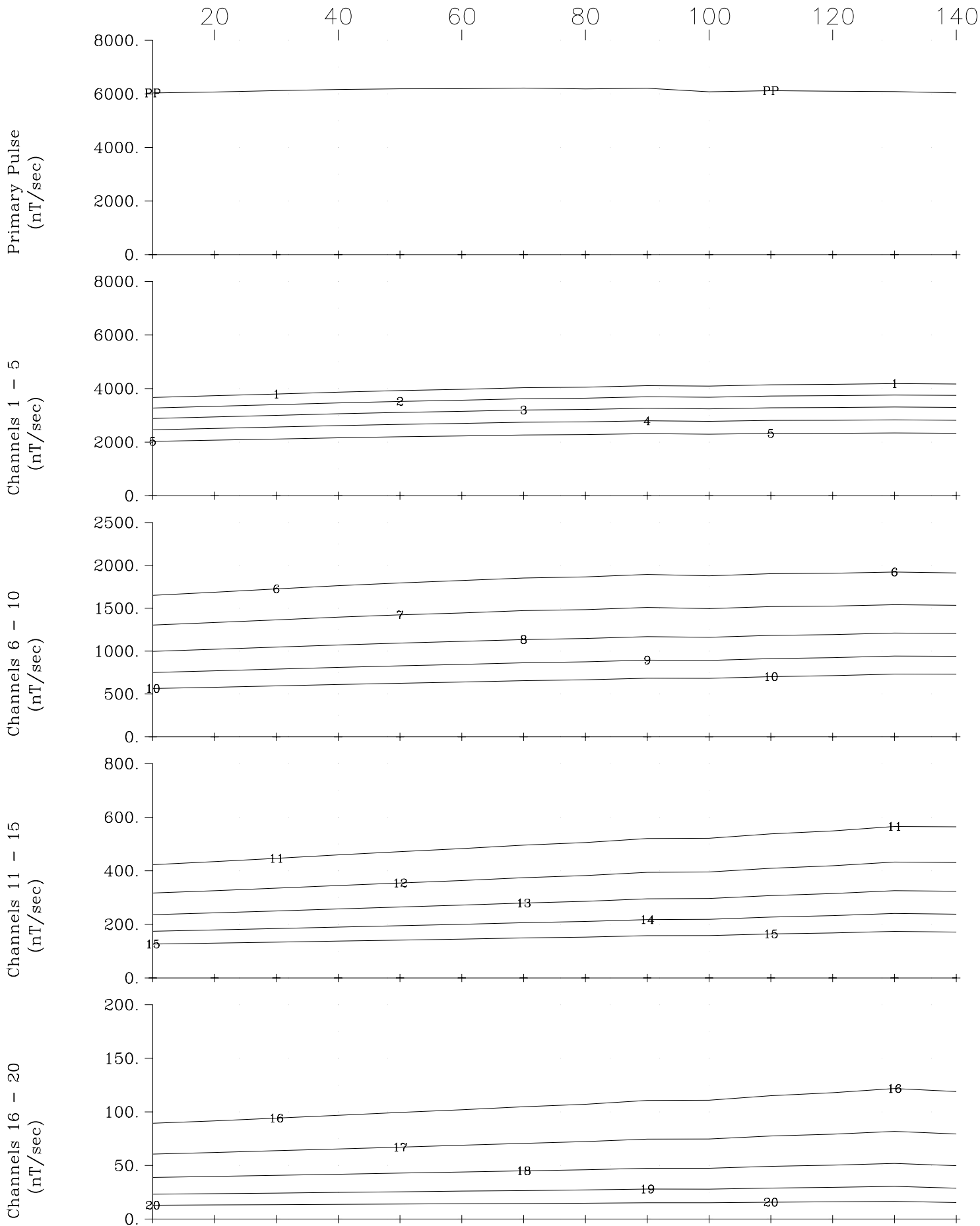


Rio Tinto Exploration Crystal Lake
Loop 14CL_SOUTH, Hole 14CL0005 X Component
Crone Geophysics & Exploration Ltd.

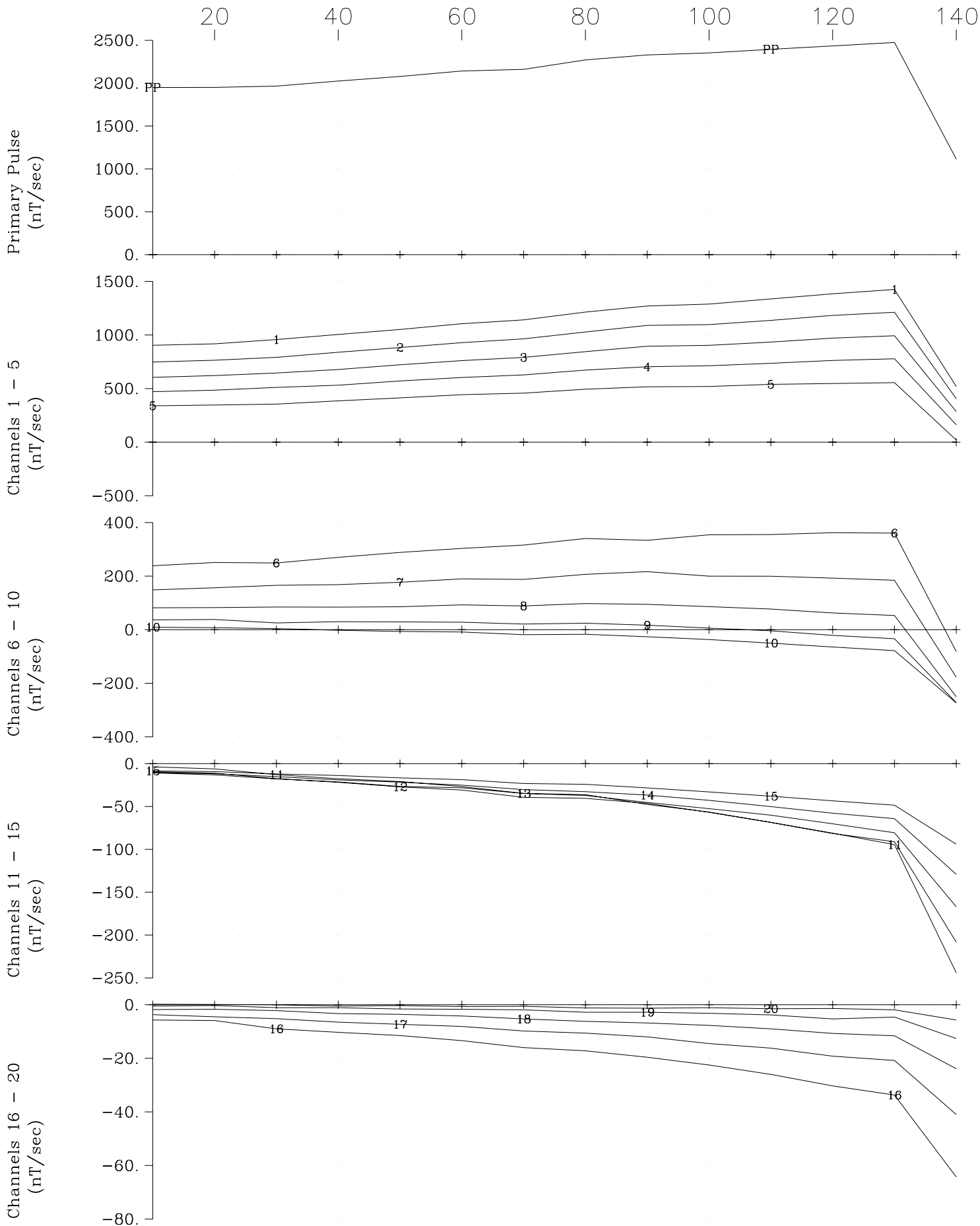
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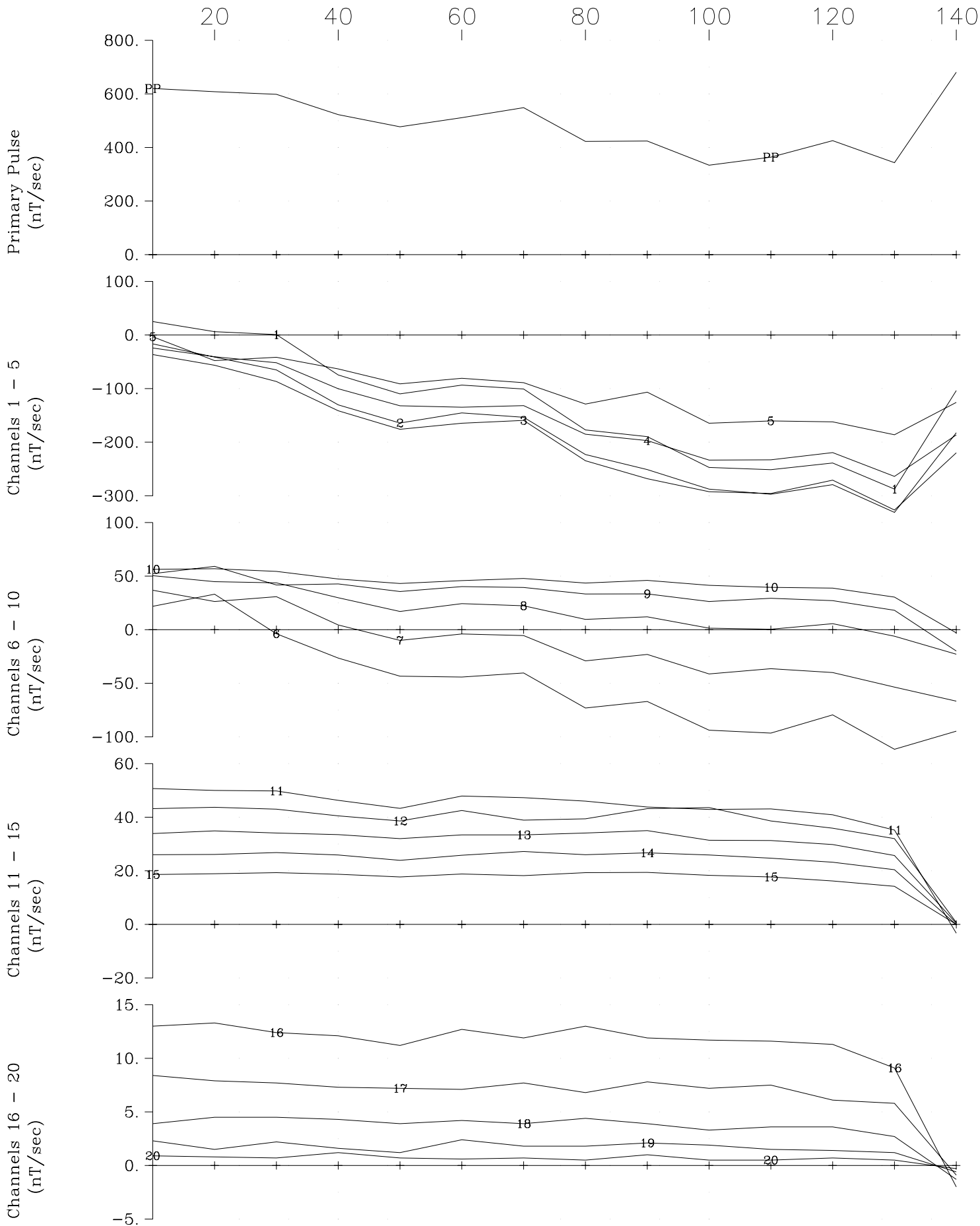
Rio Tinto Exploration Crystal Lake
Loop 14CL_SOUTH, Hole 14CL0005 Y Component
Crone Geophysics & Exploration Ltd.



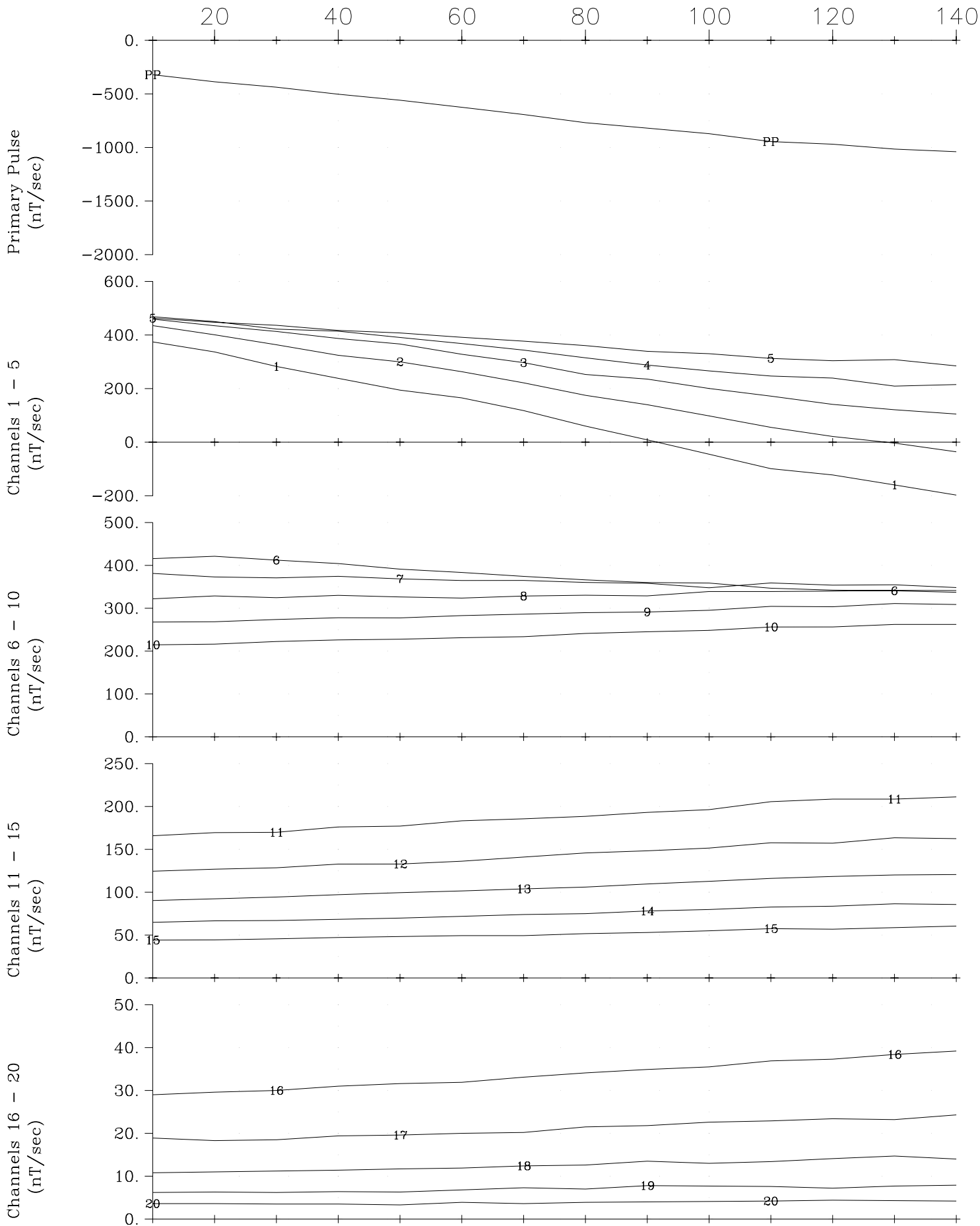
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-70 Z Component
 Crone Geophysics & Exploration Ltd.



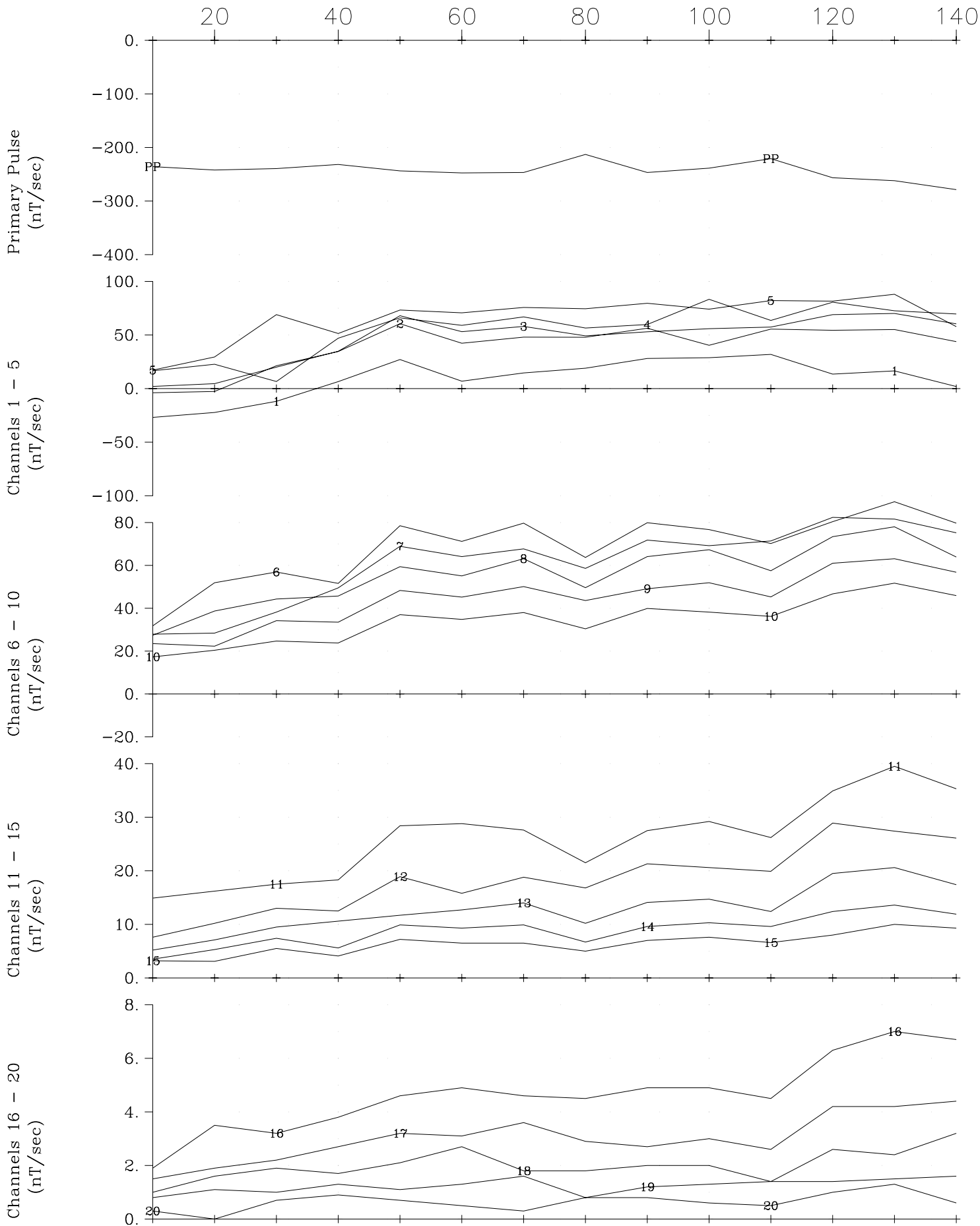
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 Loop CL_2014_N1, Hole 89-70 X Component
 Crone Geophysics & Exploration Ltd.



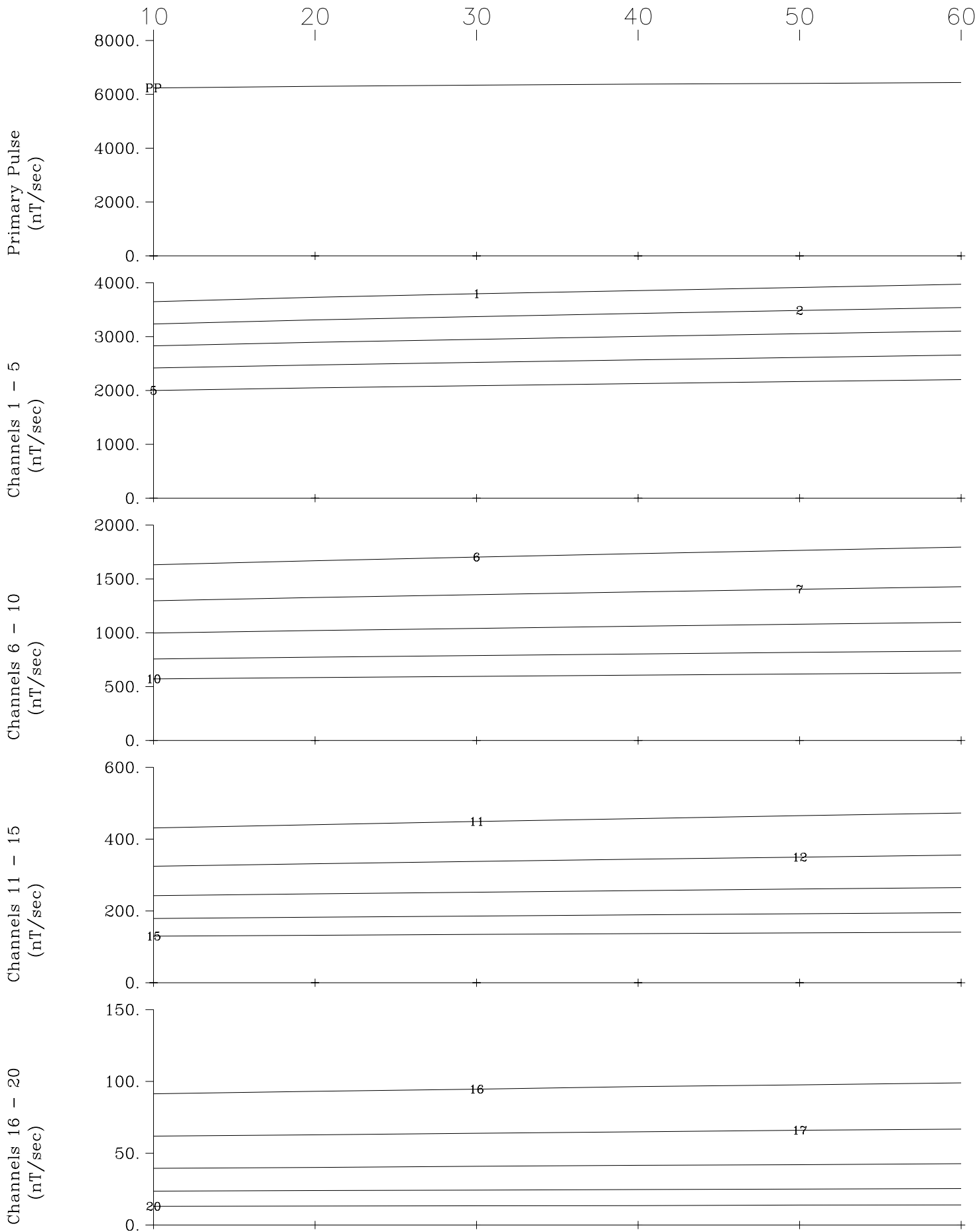
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 Loop CL_2014_N1, Hole 89-70 Y Component
 Crone Geophysics & Exploration Ltd.



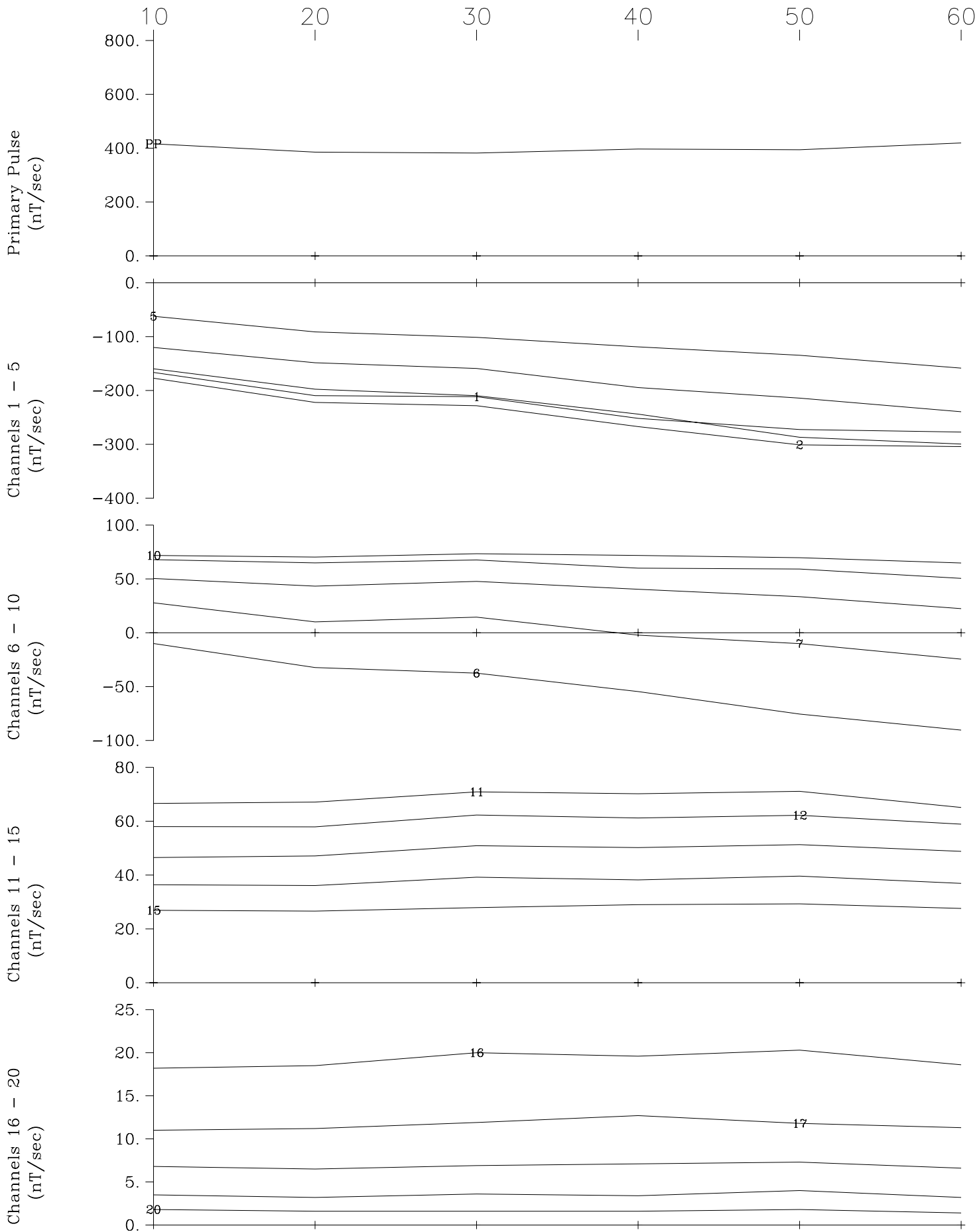
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 Loop CL_2014_S1, Hole 89-70 X Component
 Crone Geophysics & Exploration Ltd.



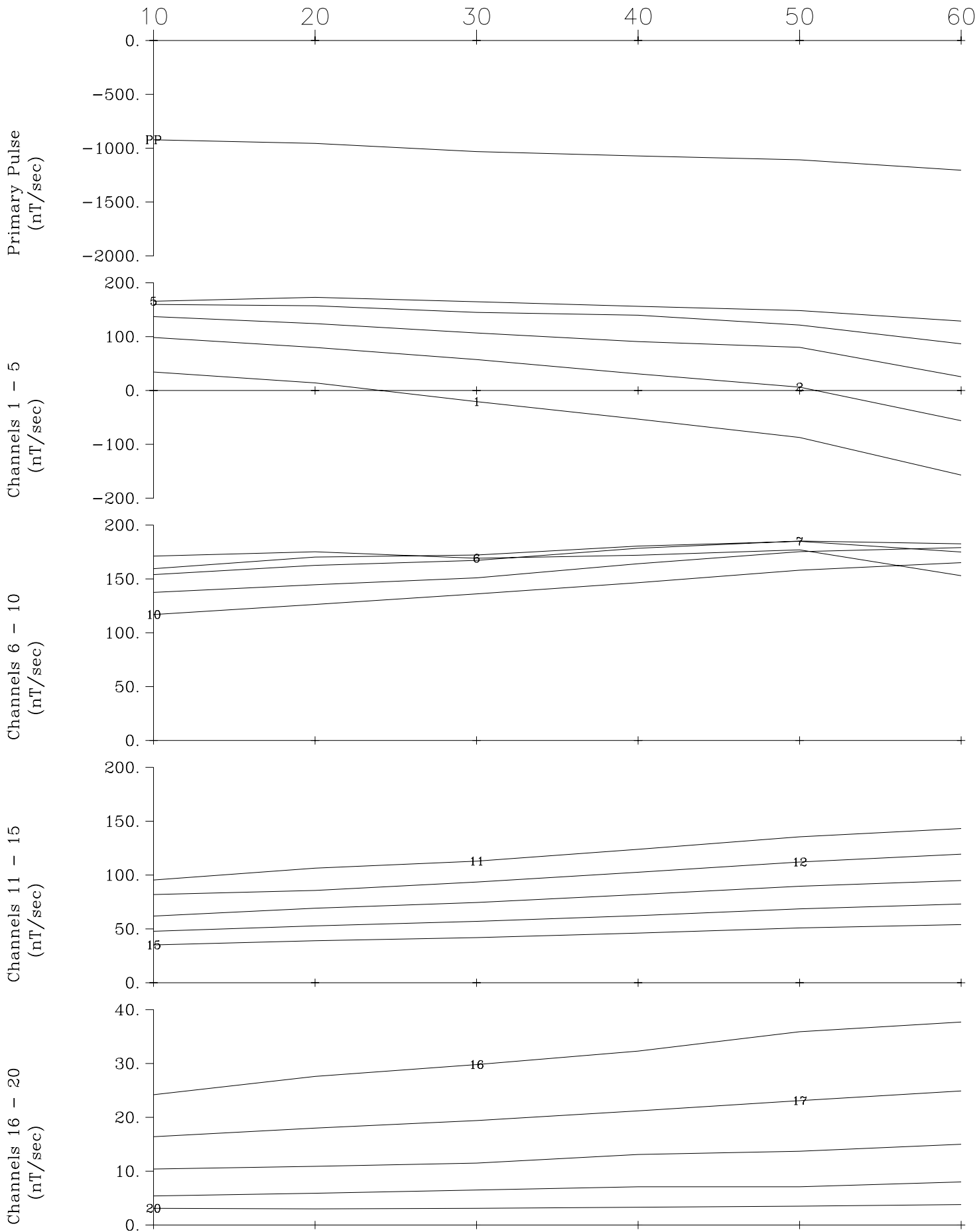
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 Loop CL_2014_S1, Hole 89-70 Y Component
 Crone Geophysics & Exploration Ltd.



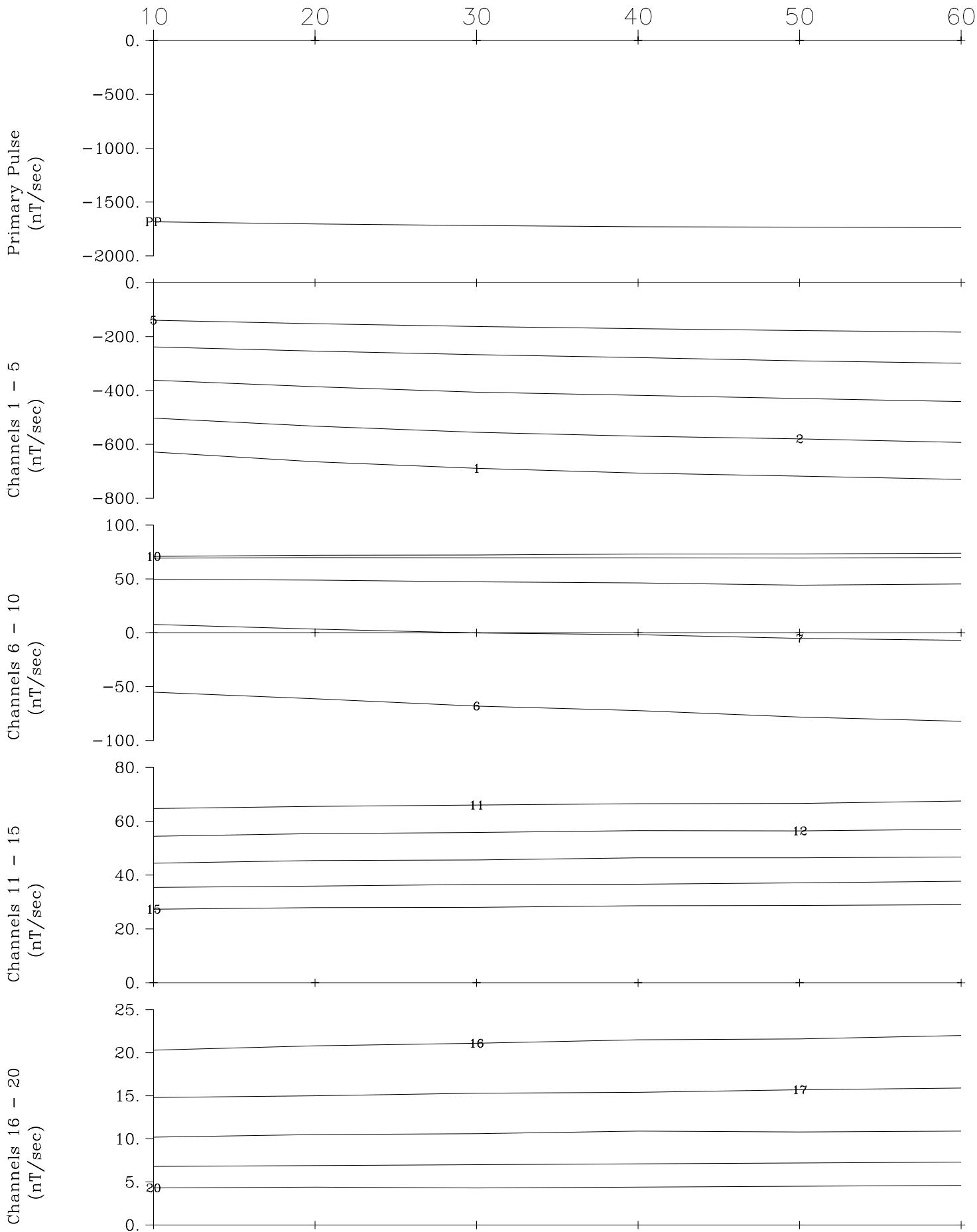
Rio Tinto Exploration Crystal Lake
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 Crone Geophysics & Exploration Ltd.



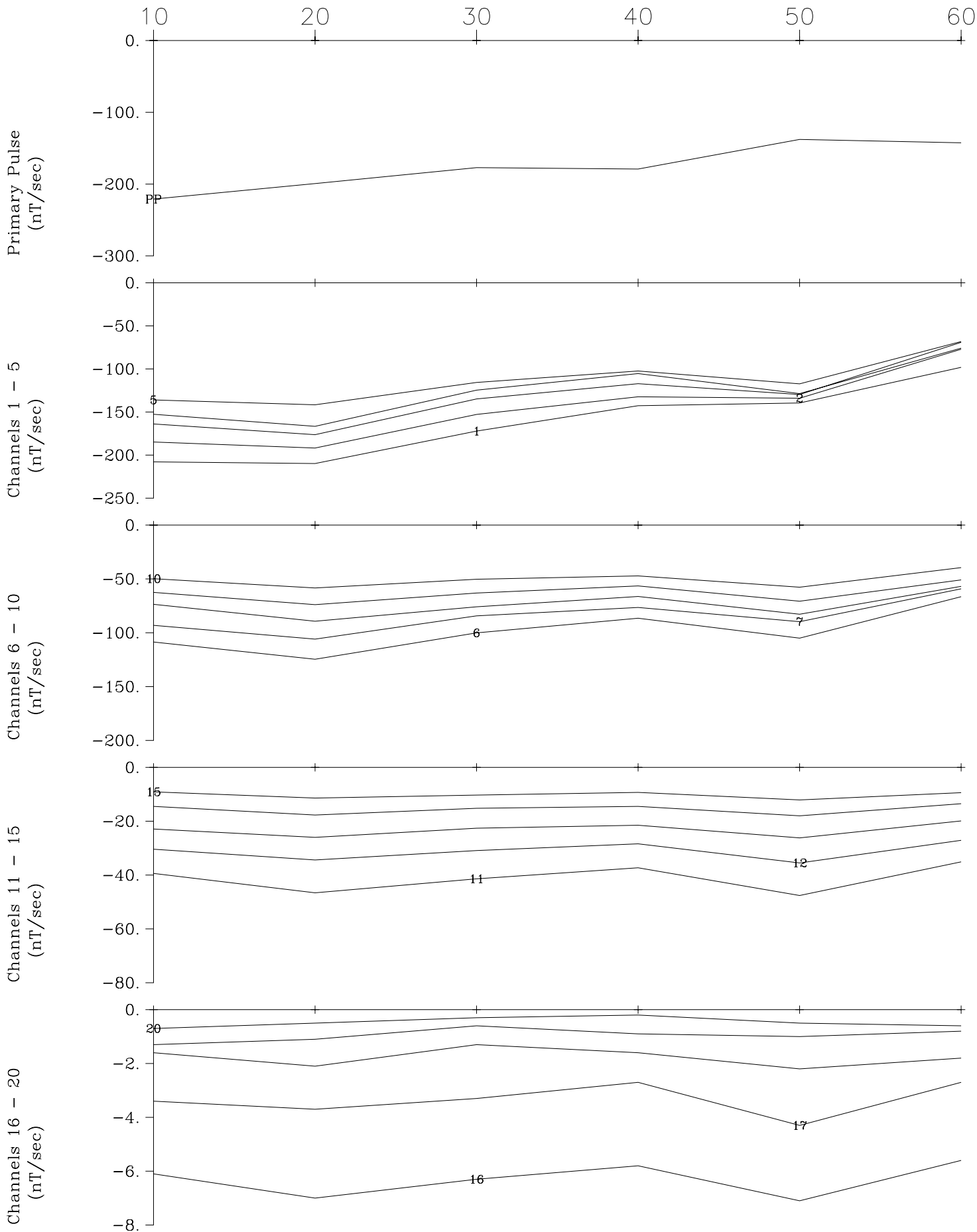
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-72 X Component
 Crone Geophysics & Exploration Ltd.



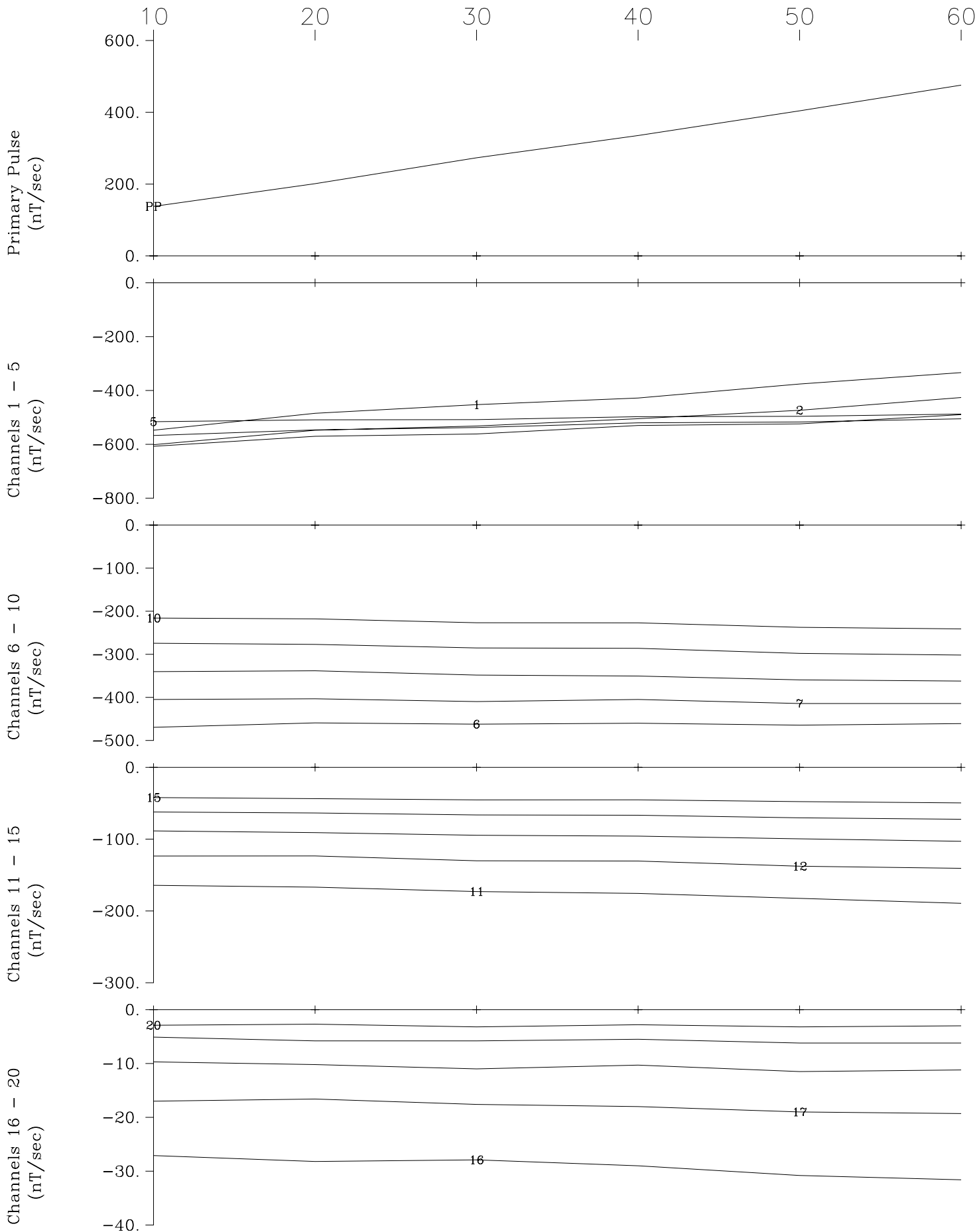
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 Loop CL_2014_N1, Hole 89-72 Y Component
 Crone Geophysics & Exploration Ltd.



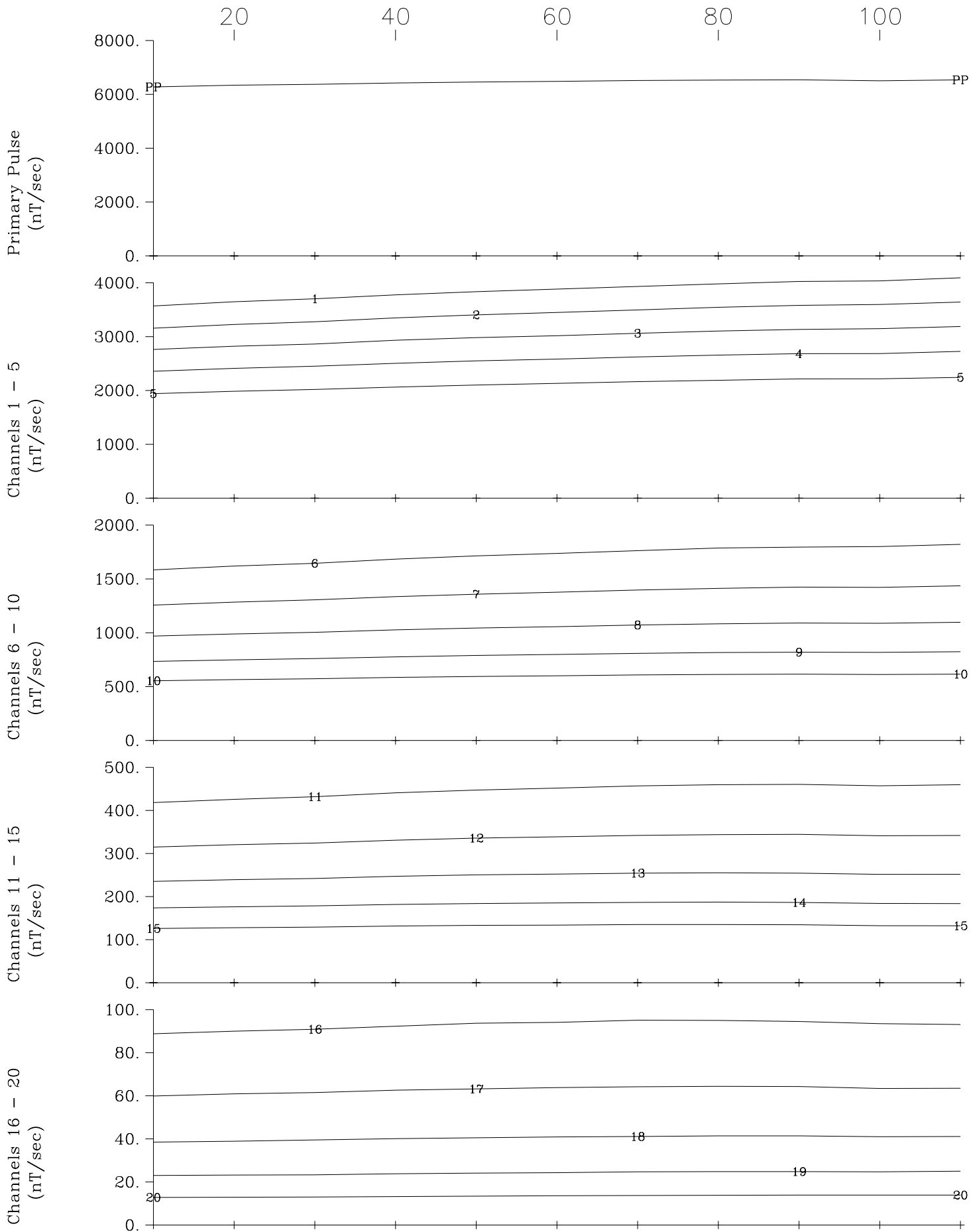
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-72 Z Component
 Crone Geophysics & Exploration Ltd.



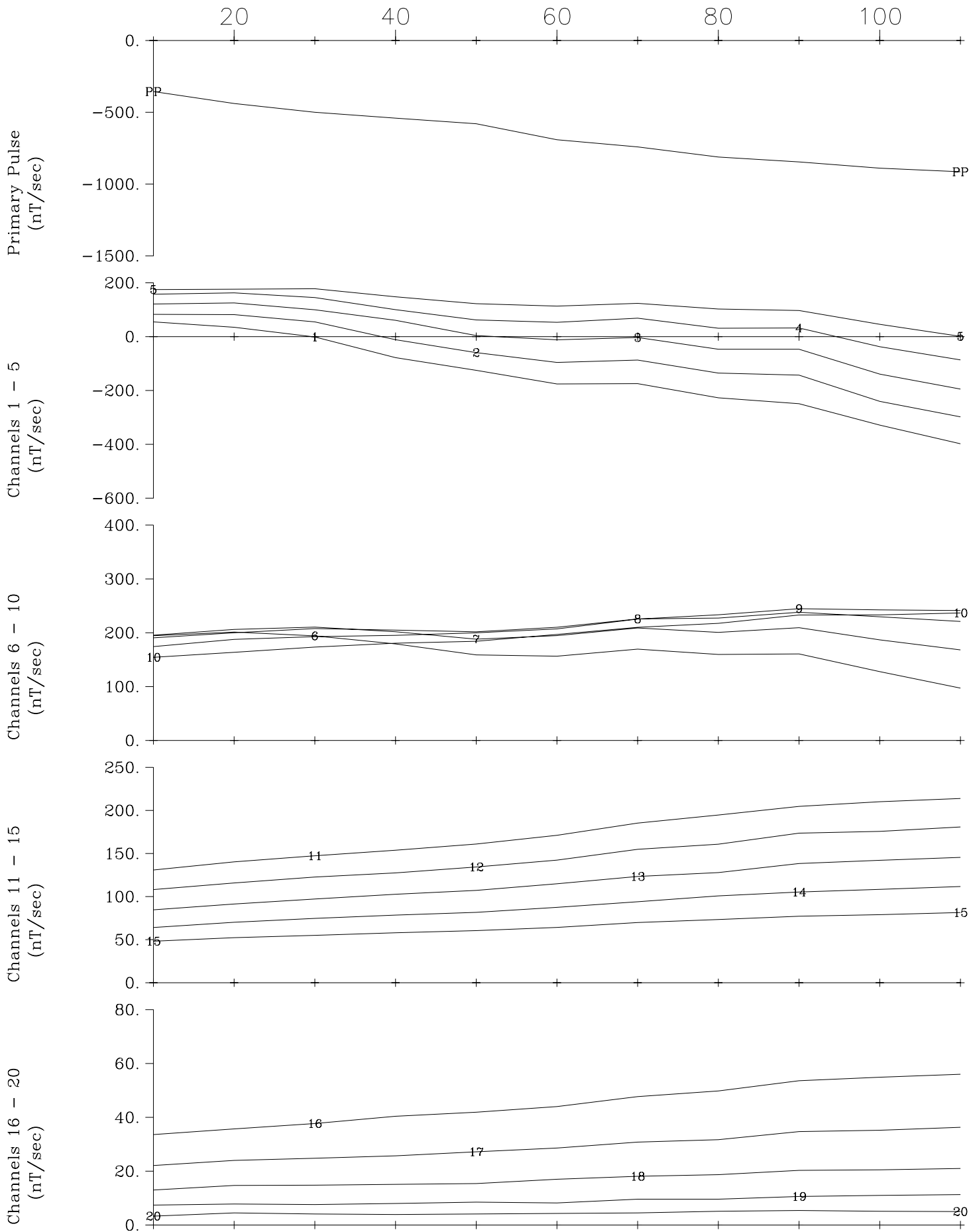
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-72 X Component
 Crone Geophysics & Exploration Ltd.



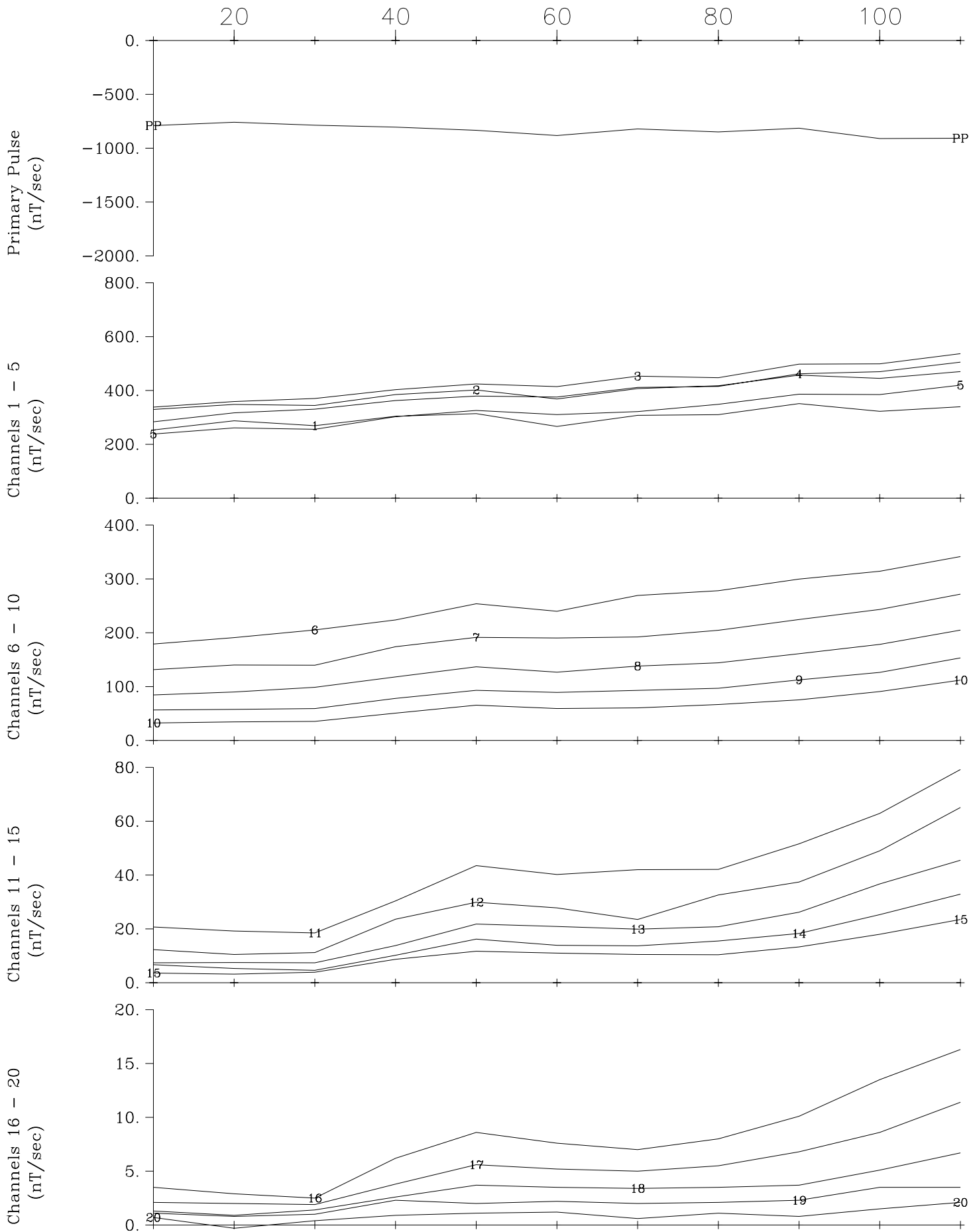
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-72 Y Component
 Crone Geophysics & Exploration Ltd.



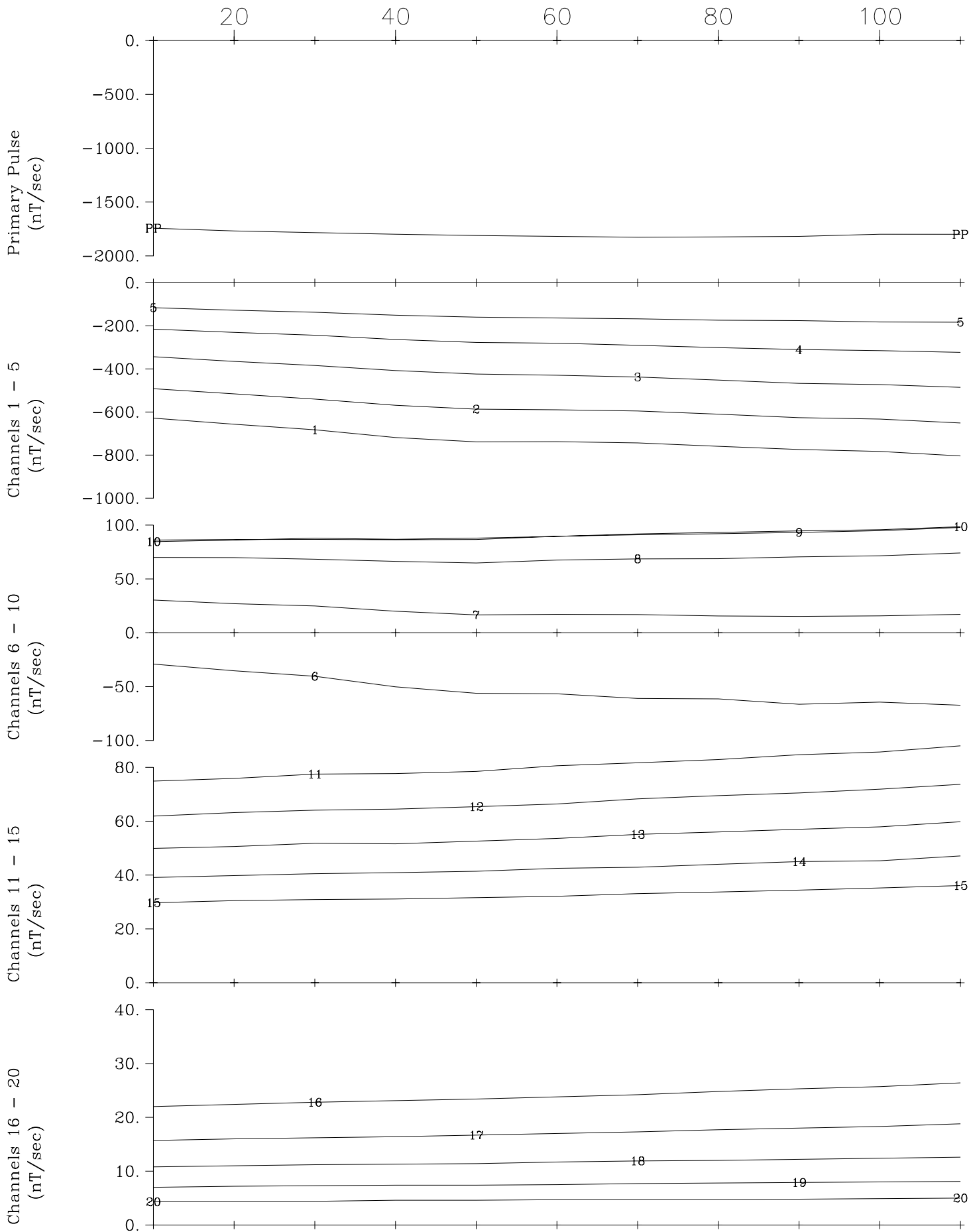
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 Loop CL_2014_N1, Hole 89-73 Z Component
 Crone Geophysics & Exploration Ltd.



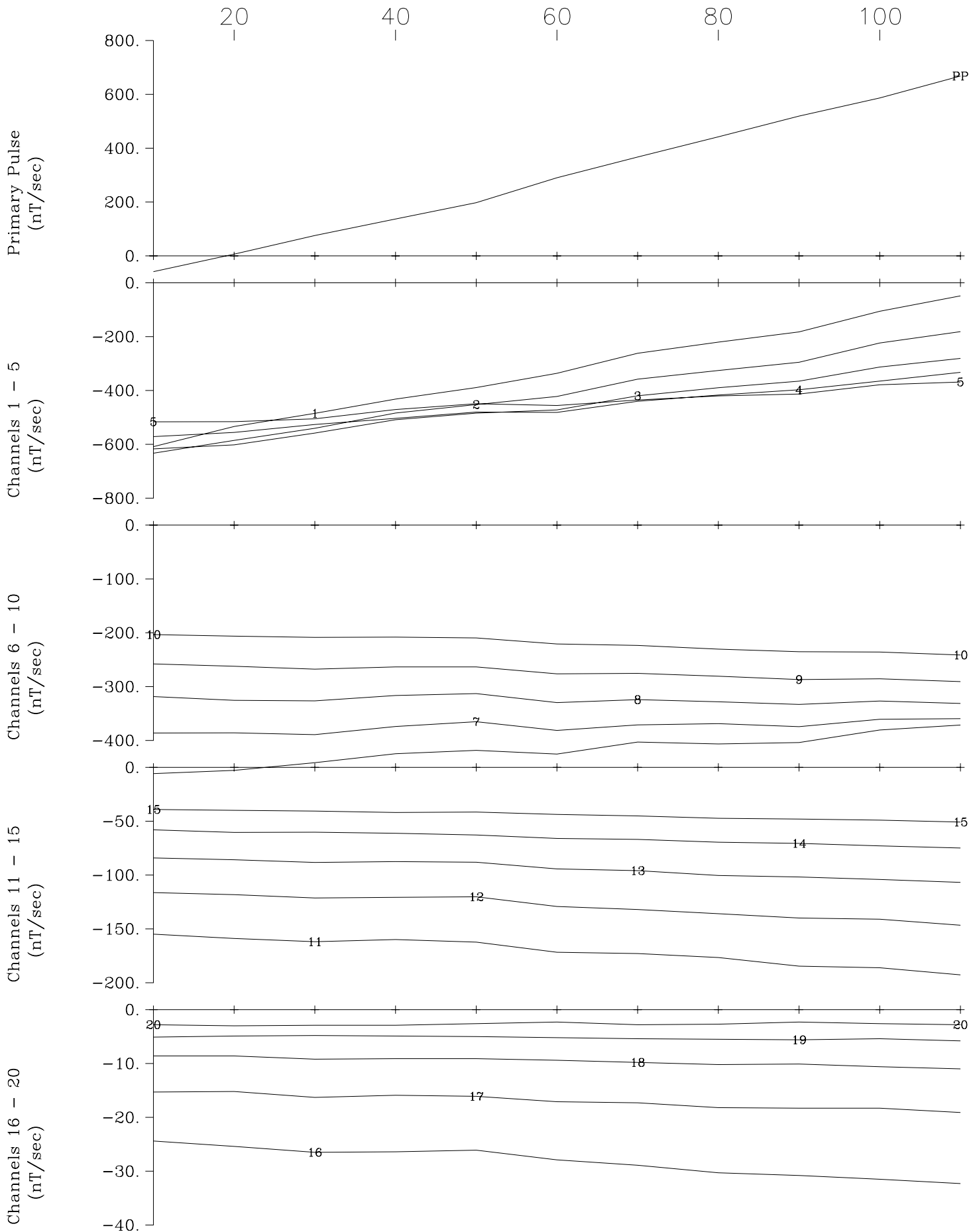
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-73 X Component
 Crone Geophysics & Exploration Ltd.



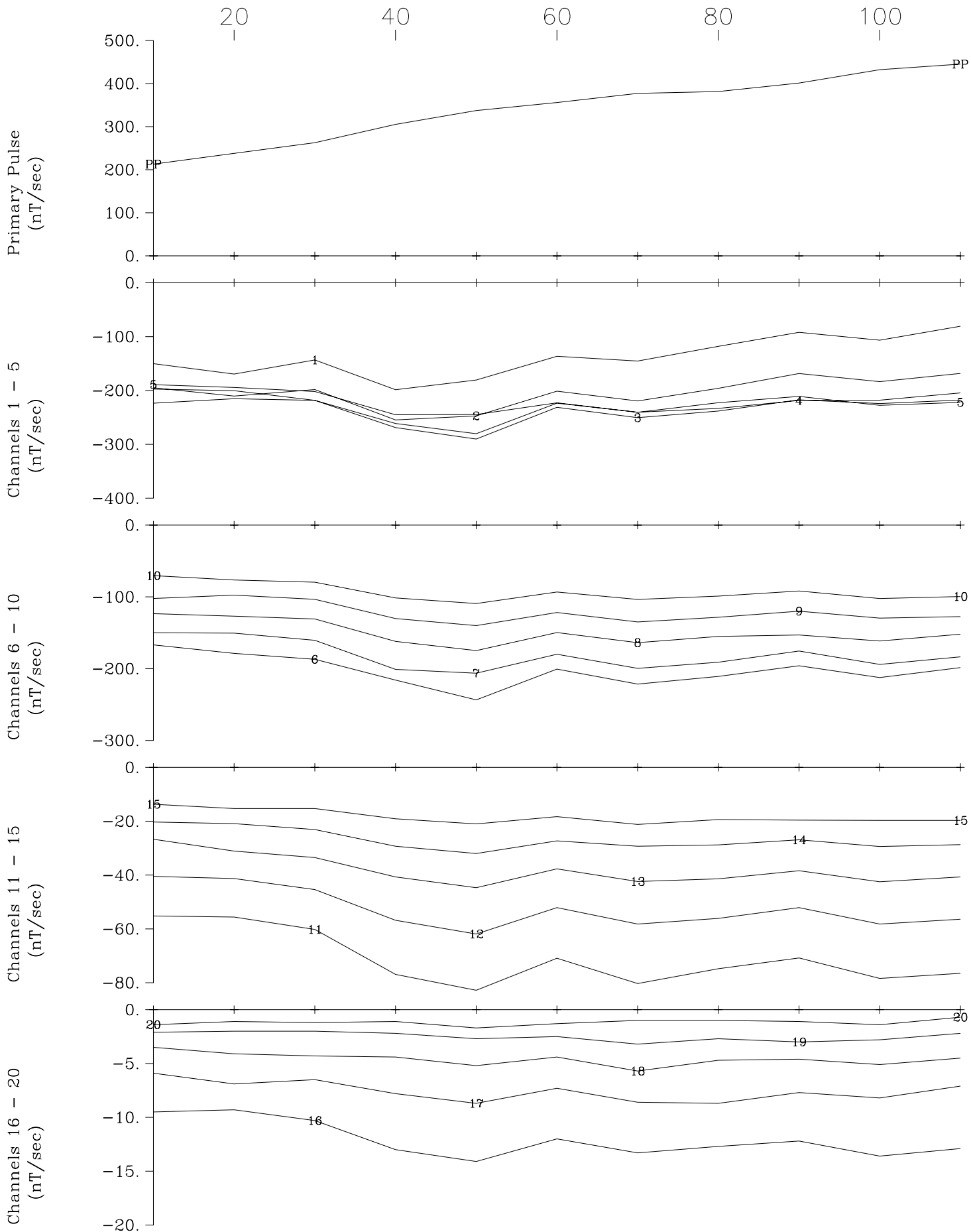
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-73 Y Component
 Crone Geophysics & Exploration Ltd.



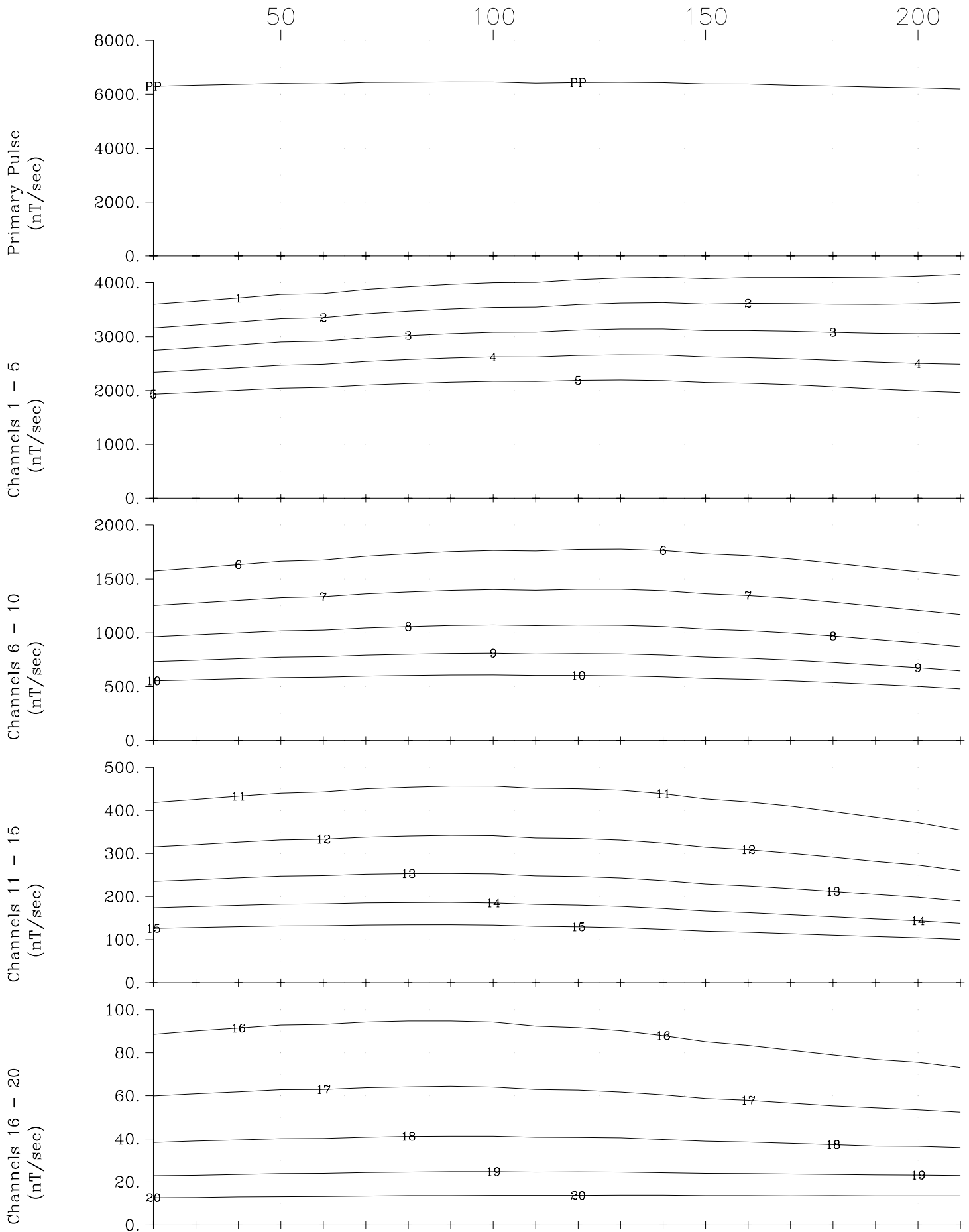
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-73 Z Component
 Crone Geophysics & Exploration Ltd.



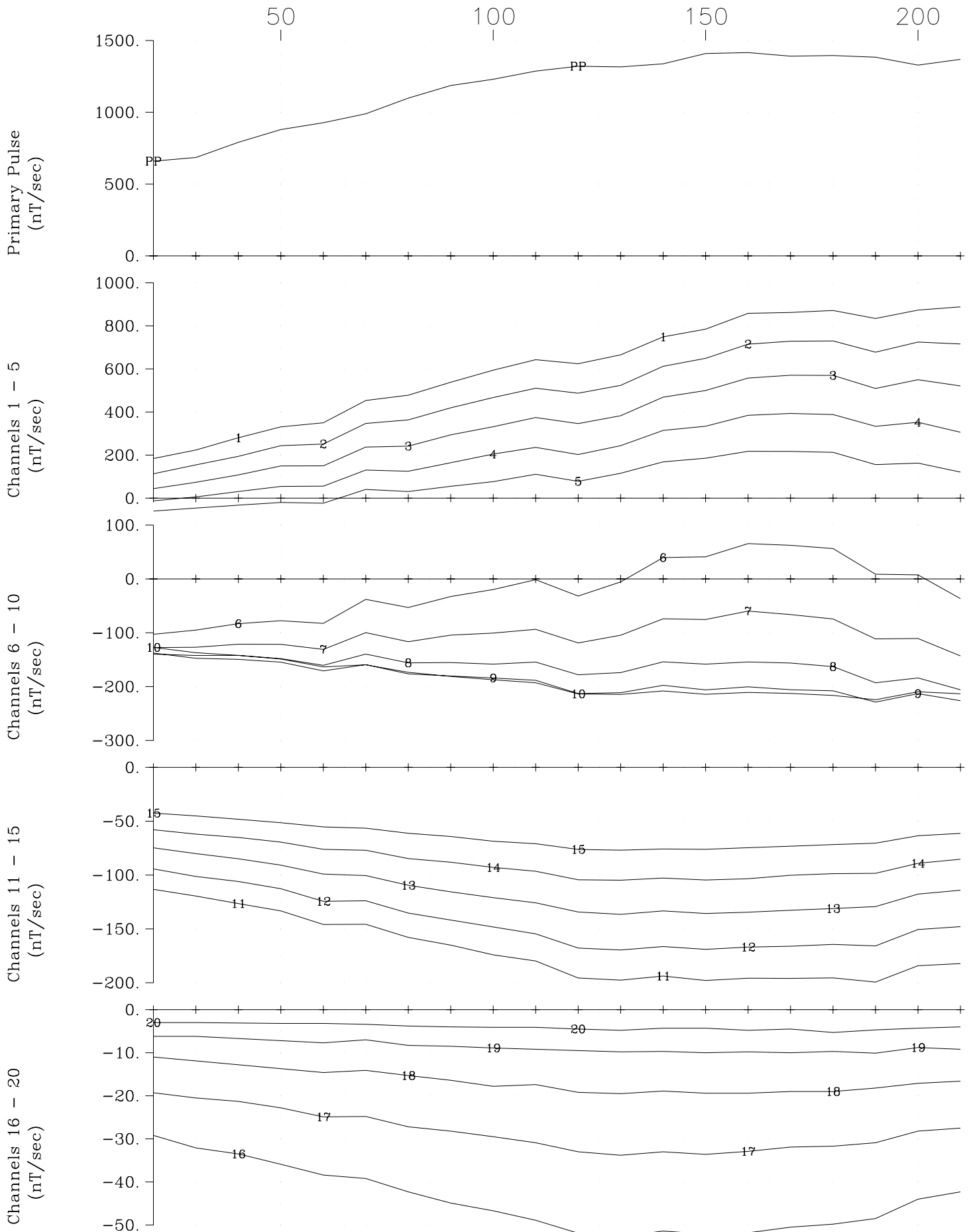
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-73 X Component
 Crone Geophysics & Exploration Ltd.



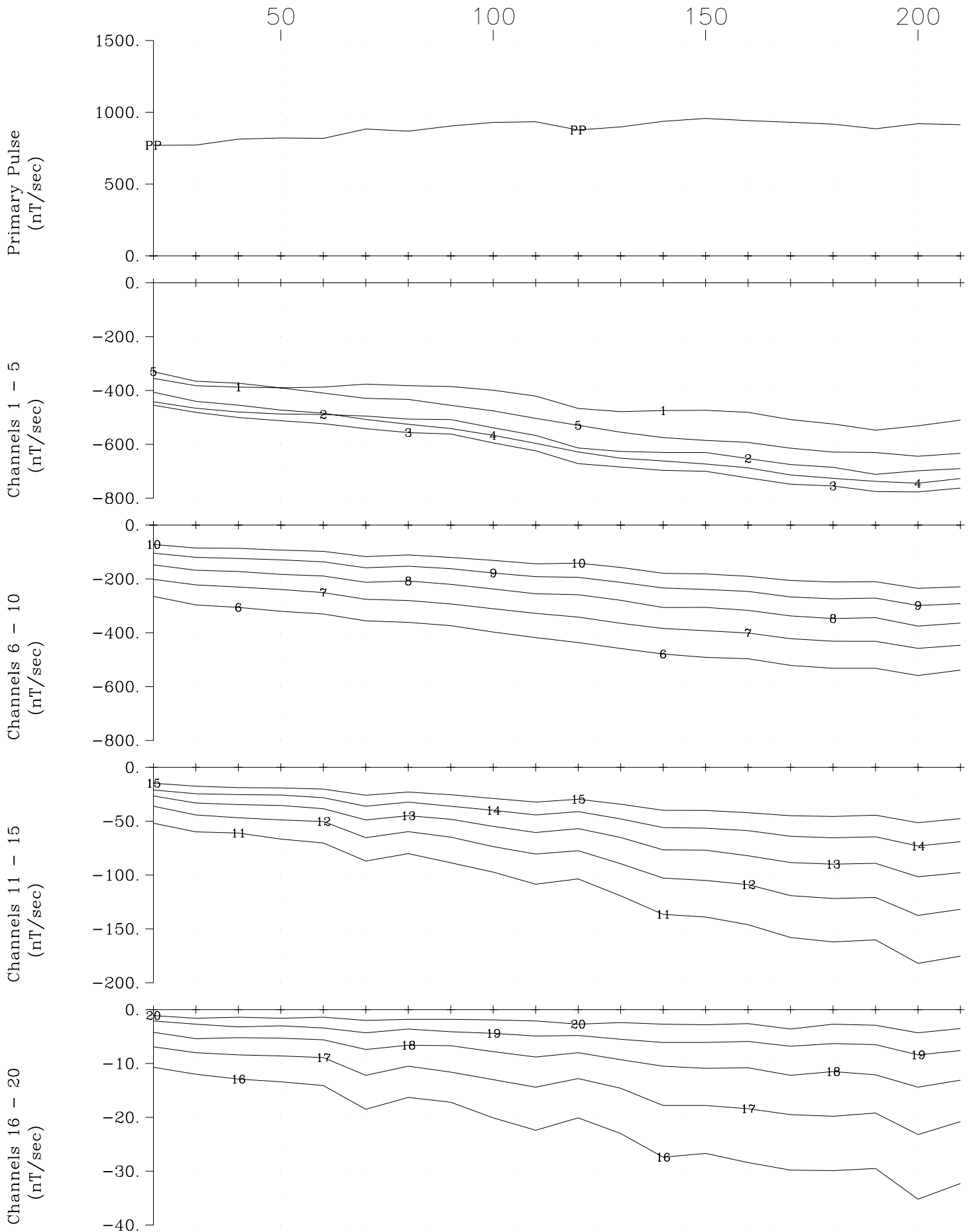
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-73 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-74 Z Component
 Crone Geophysics & Exploration Ltd.



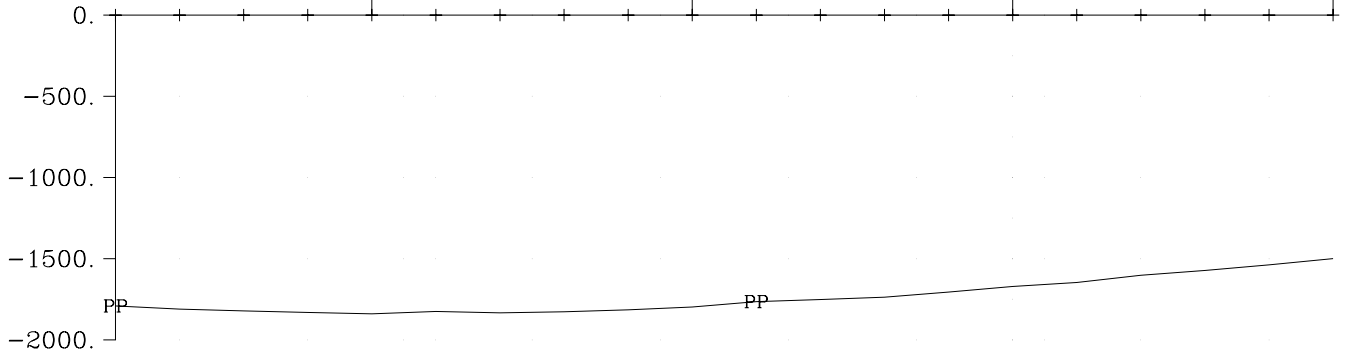
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-74 X Component
 Crone Geophysics & Exploration Ltd.



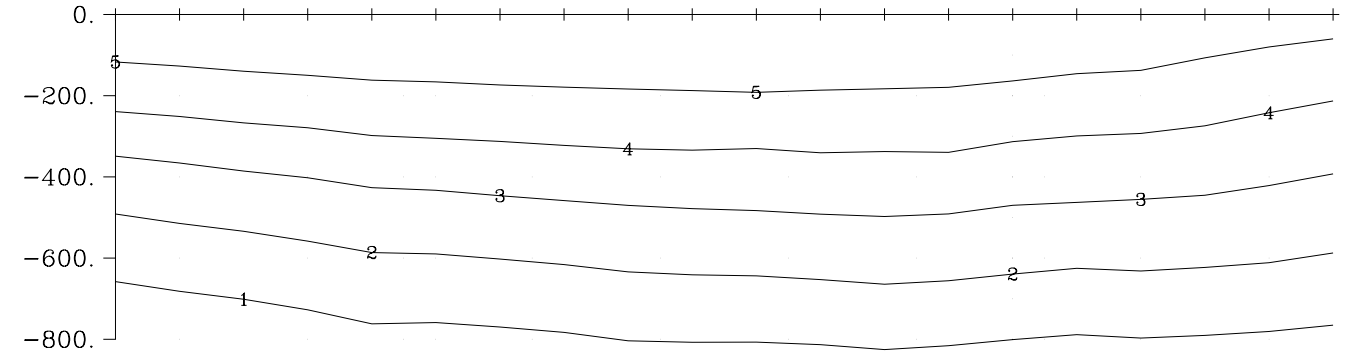
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-74 Y Component
 Crone Geophysics & Exploration Ltd.

50 100 150 200

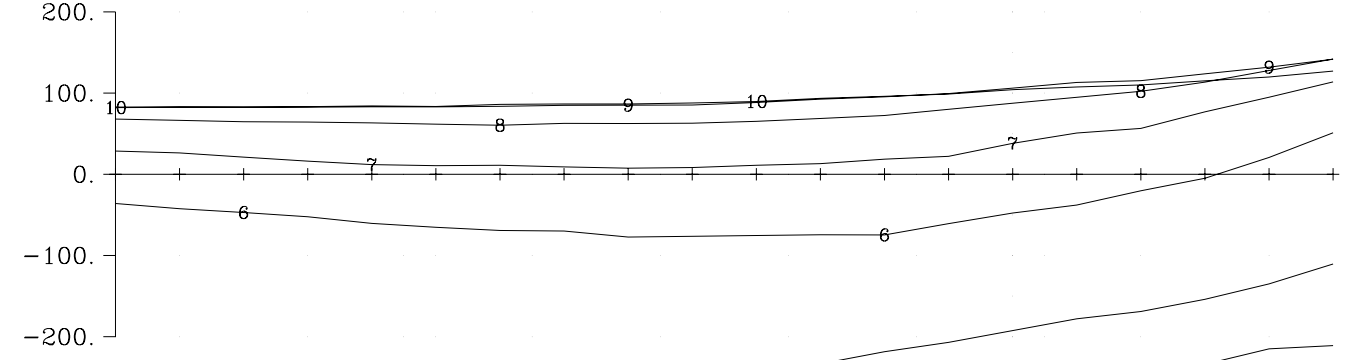
Primary Pulse
(nT/sec)



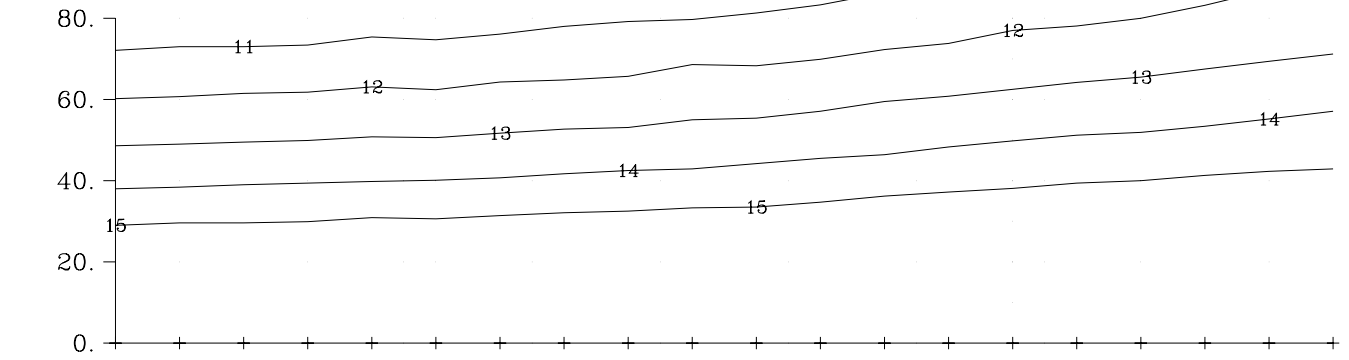
Channels 1 - 5
(nT/sec)



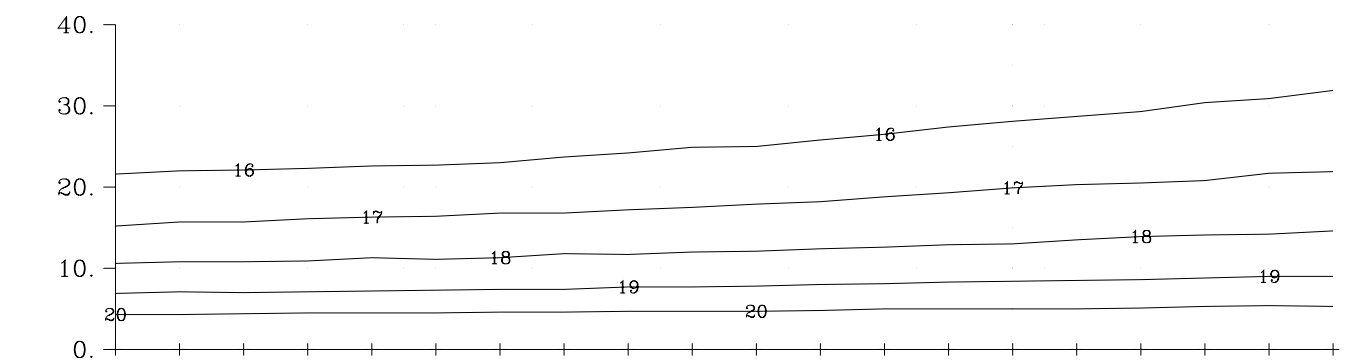
Channels 6 - 10
(nT/sec)



Channels 11 - 15
(nT/sec)

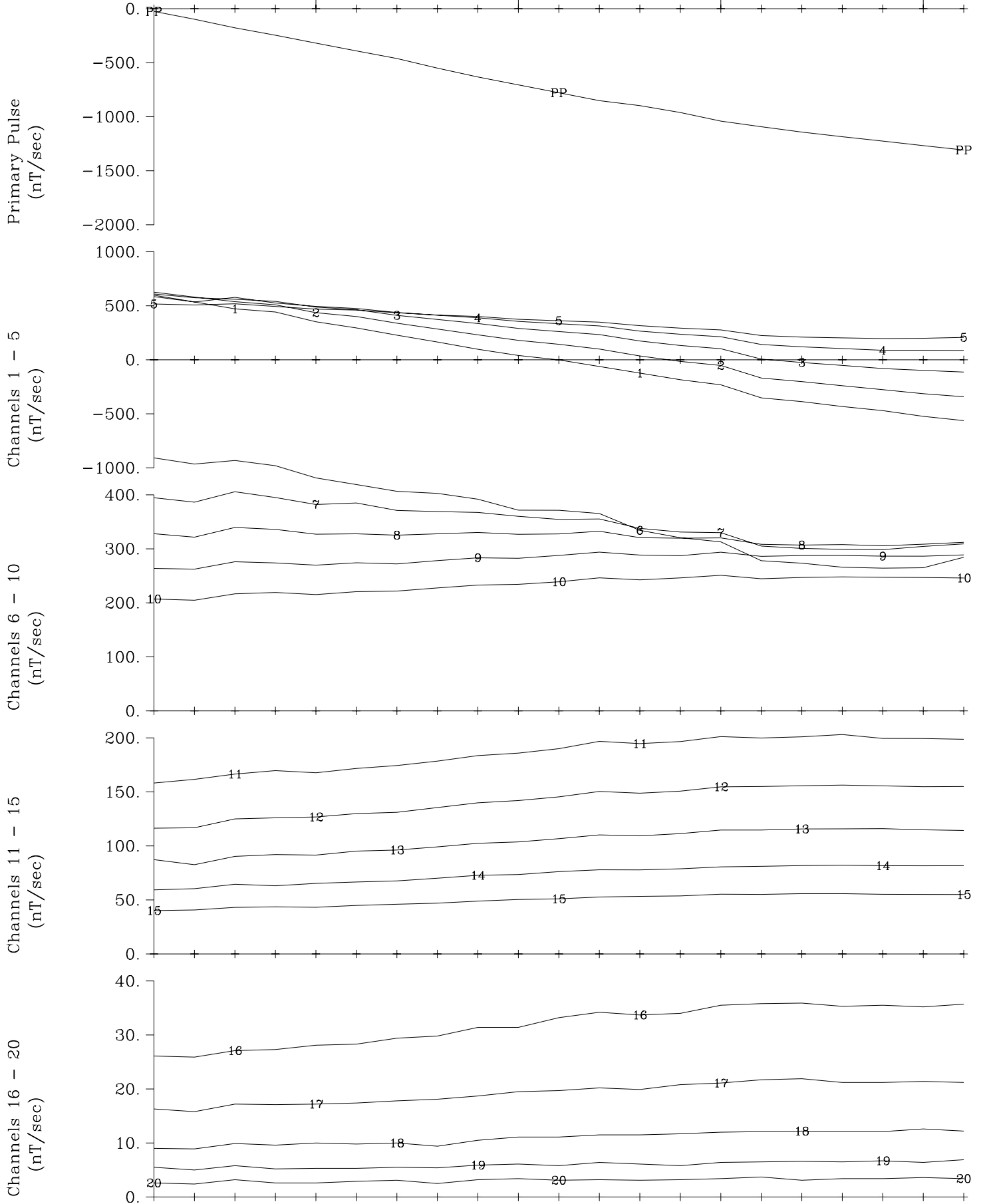


Channels 16 - 20
(nT/sec)



Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 89-74 Z Component
Crone Geophysics & Exploration Ltd.

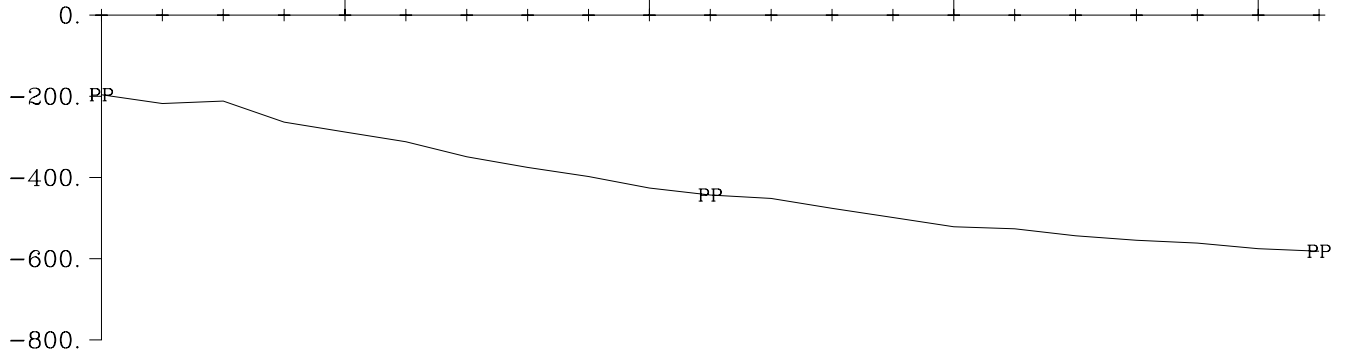
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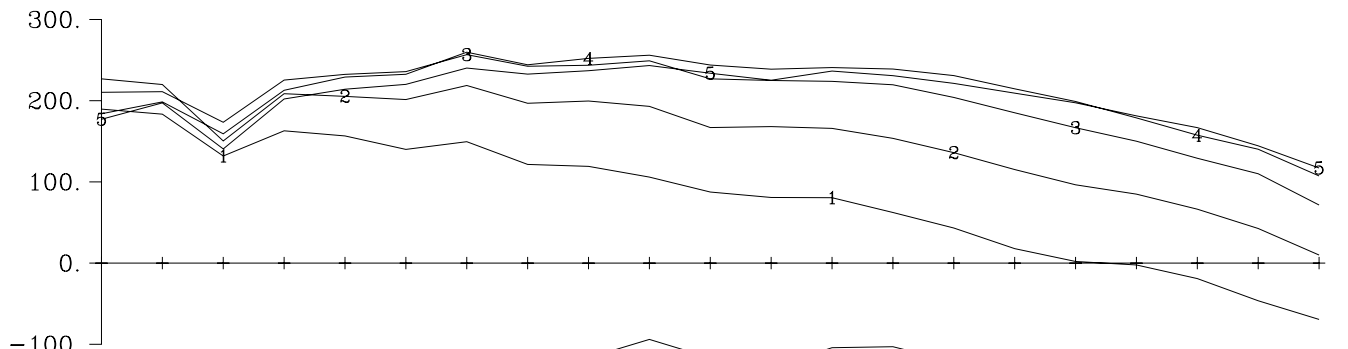
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 89-74 X Component
Crone Geophysics & Exploration Ltd.

50 100 150 200

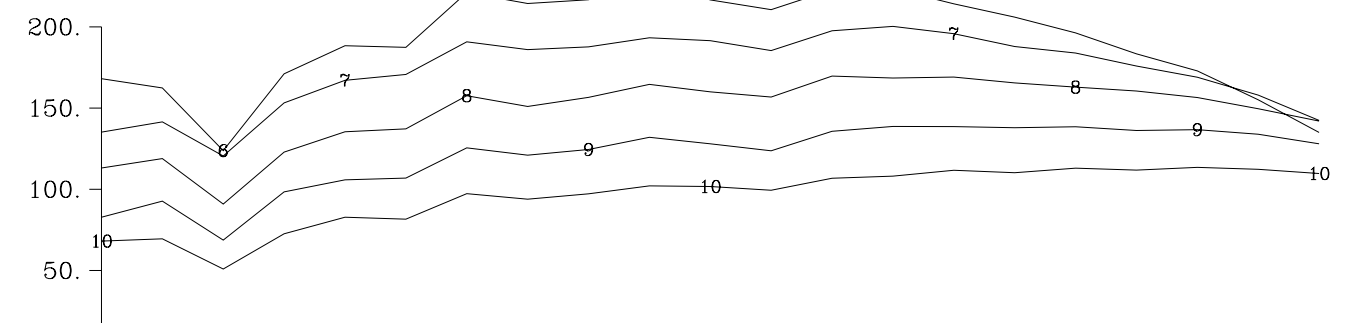
Primary Pulse
(nT/sec)



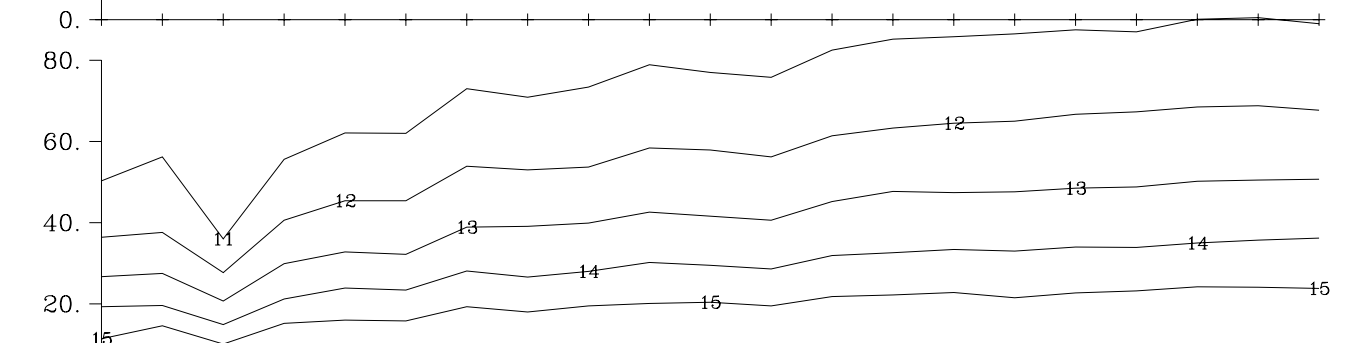
Channels 1 - 5
(nT/sec)



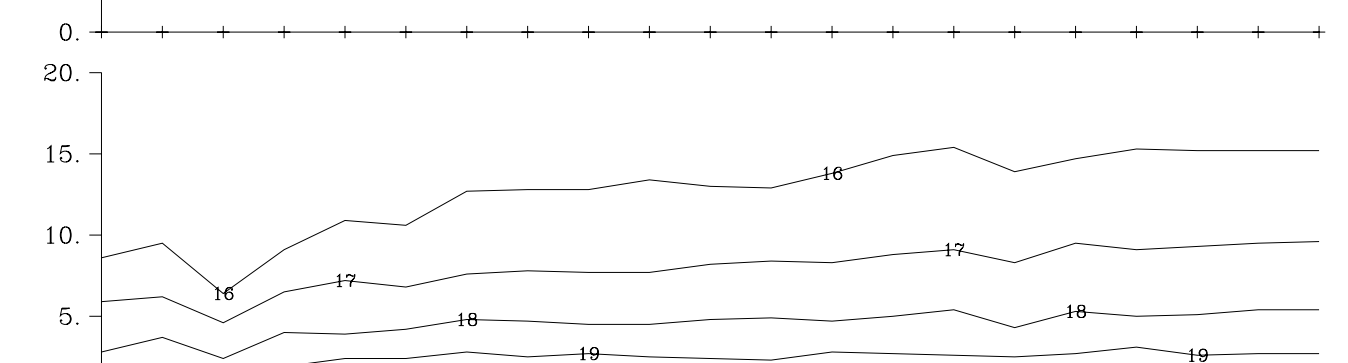
Channels 6 - 10
(nT/sec)



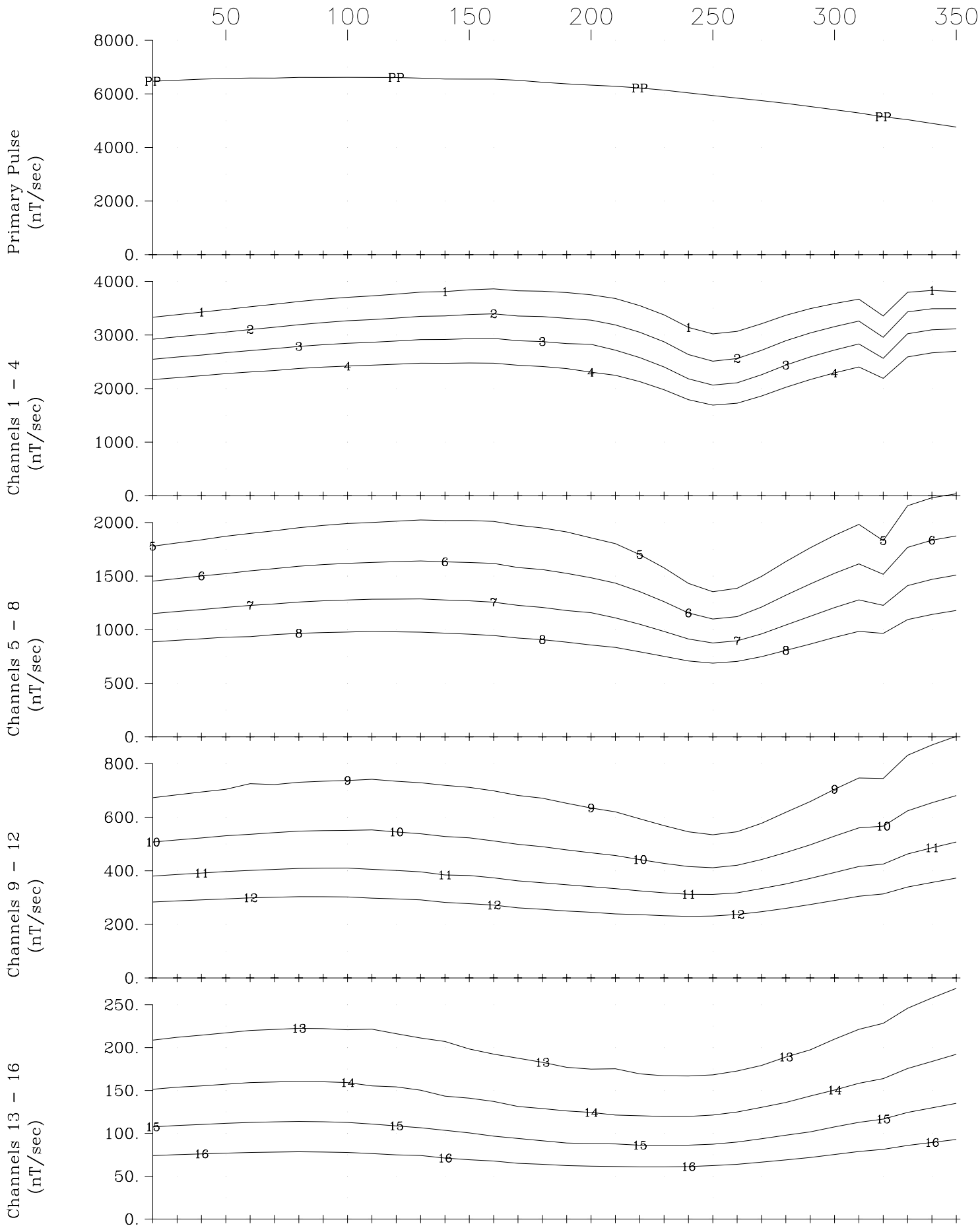
Channels 11 - 15
(nT/sec)



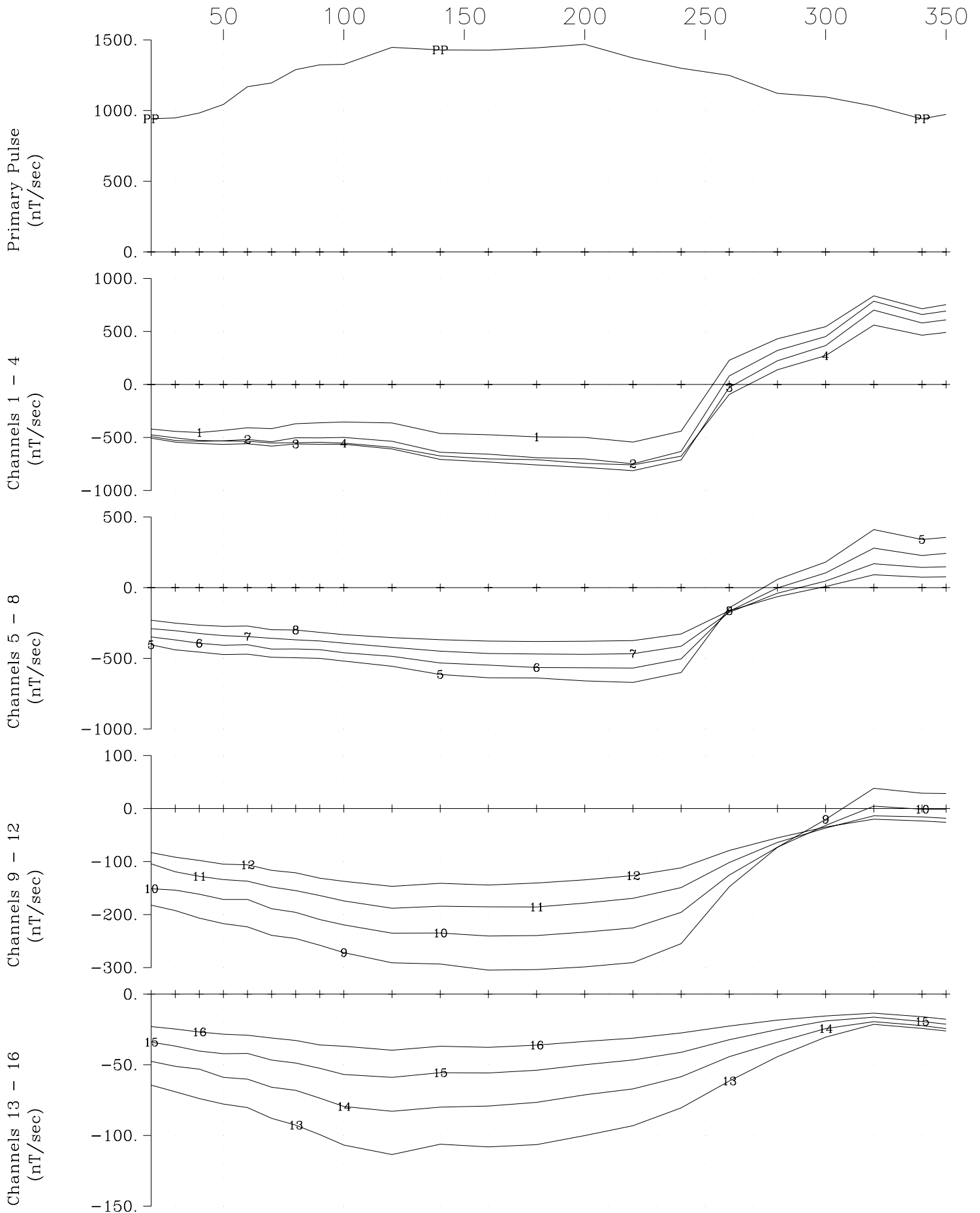
Channels 16 - 20
(nT/sec)



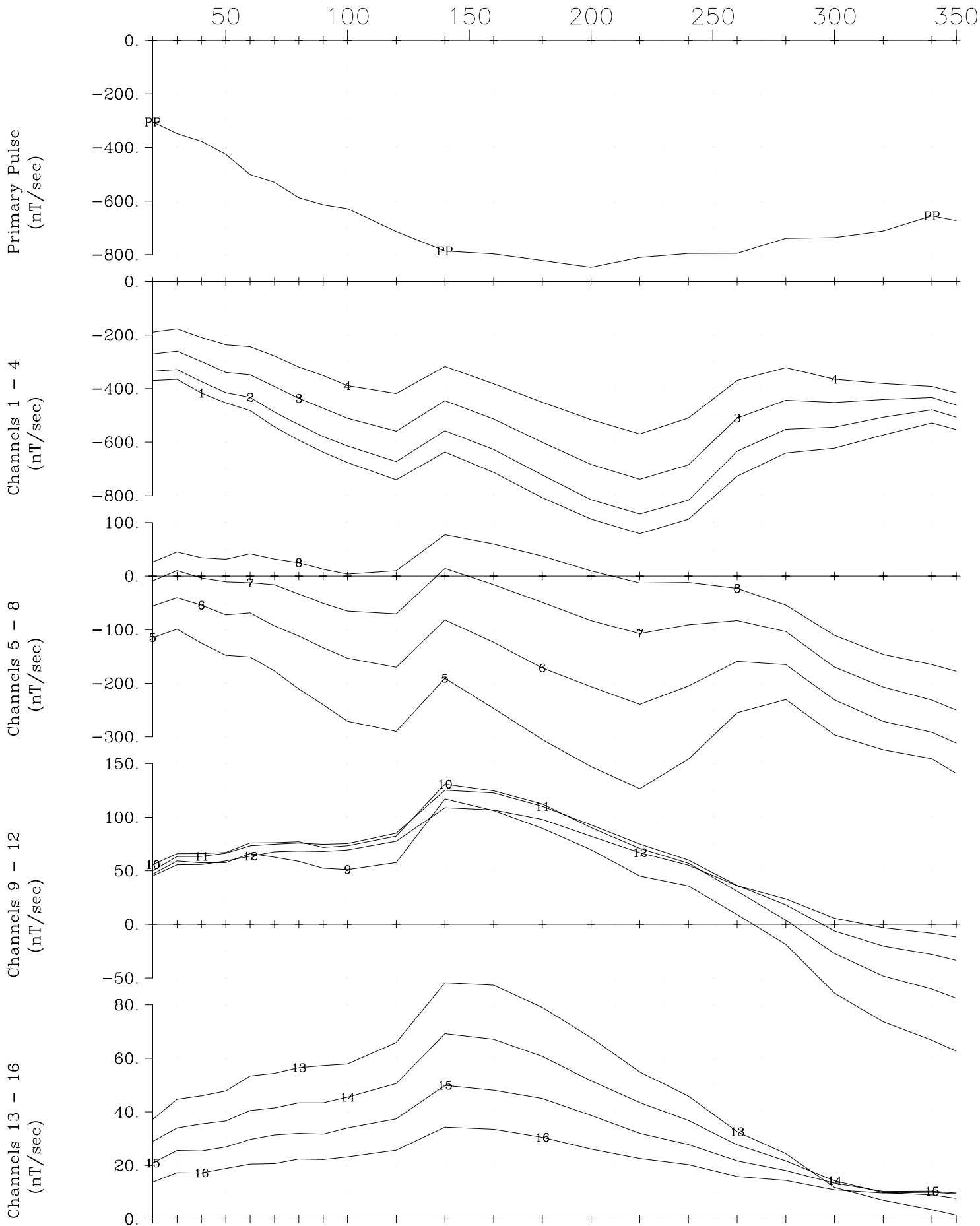
Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 89-74 Y Component
Crone Geophysics & Exploration Ltd.



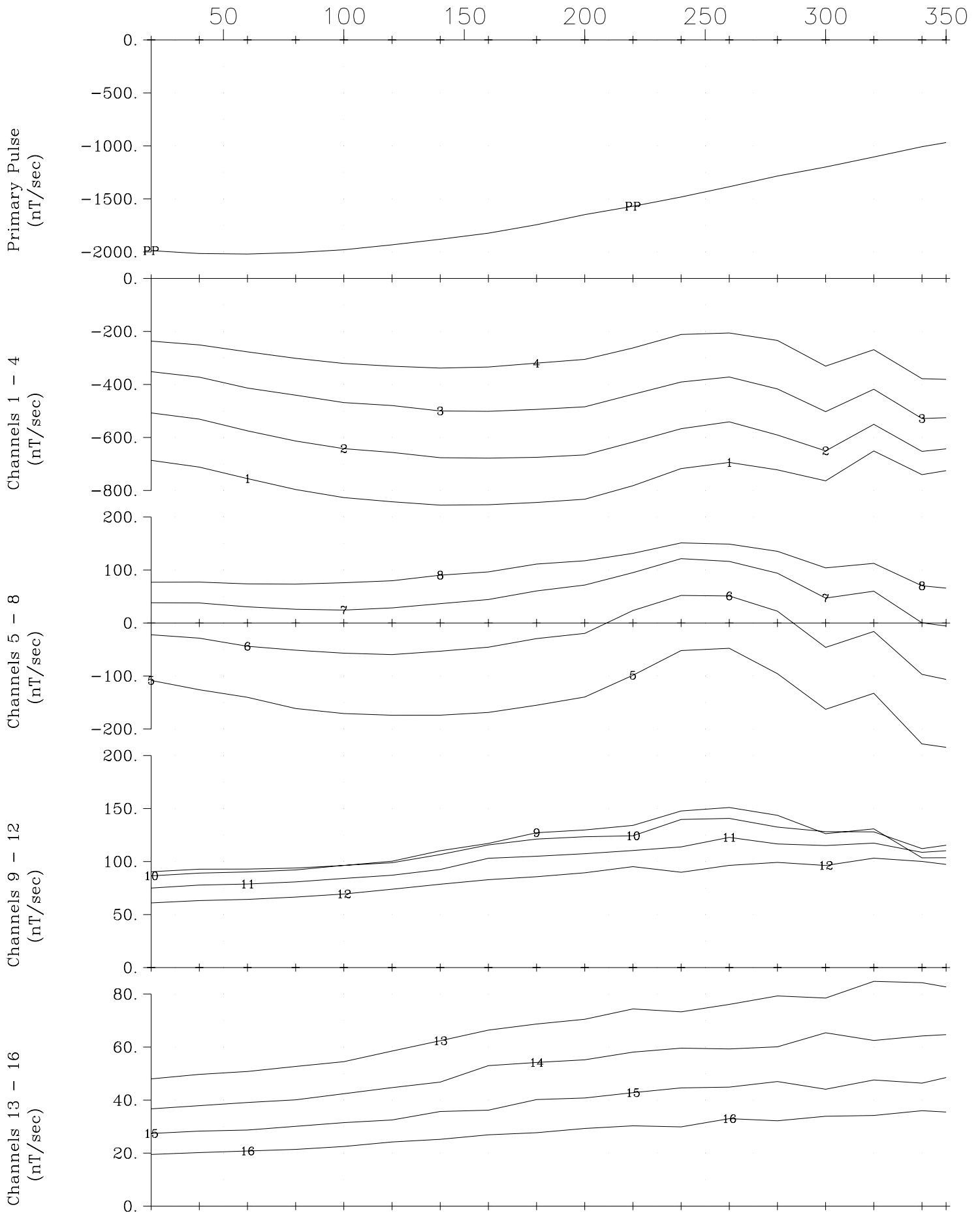
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.



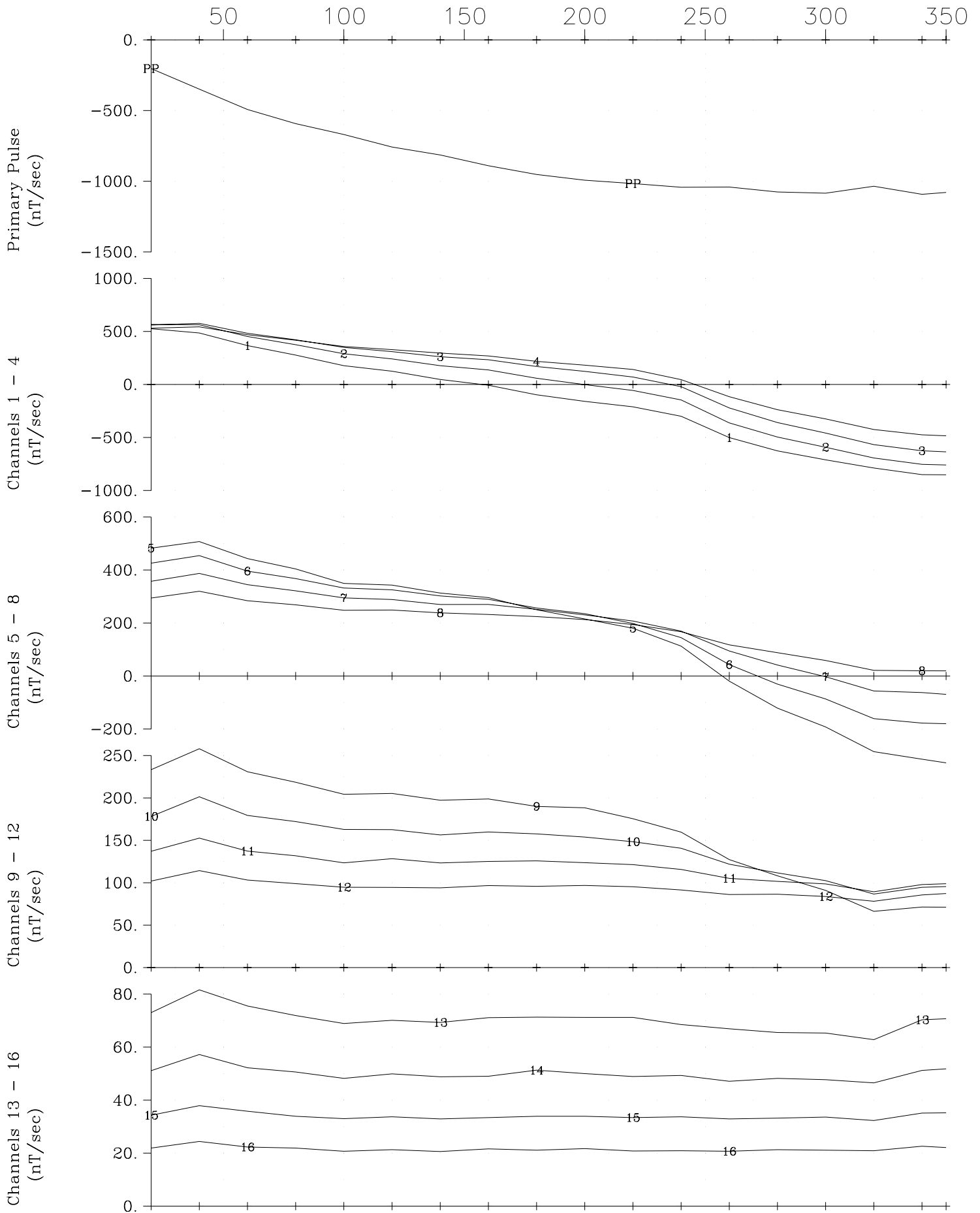
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.



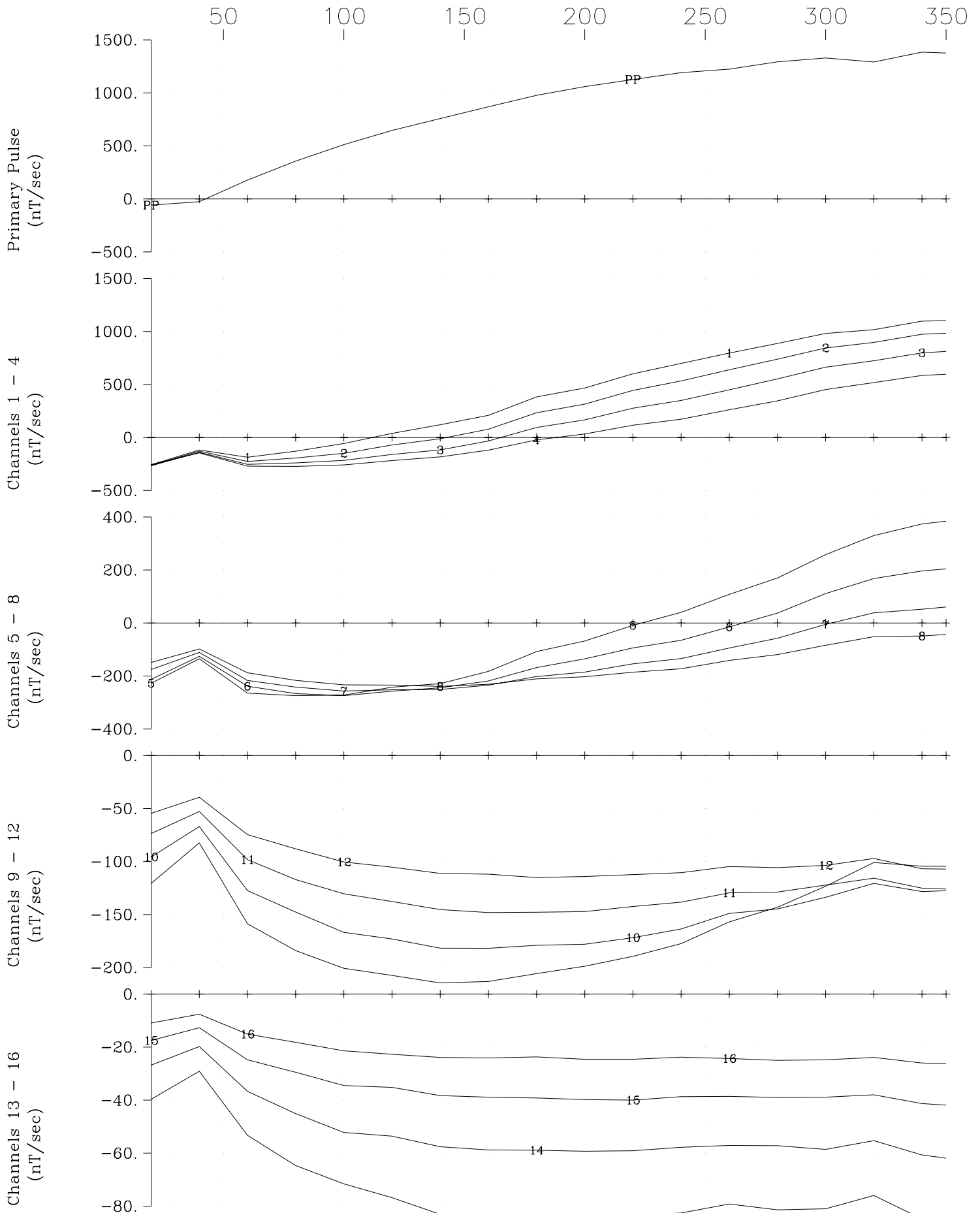
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.



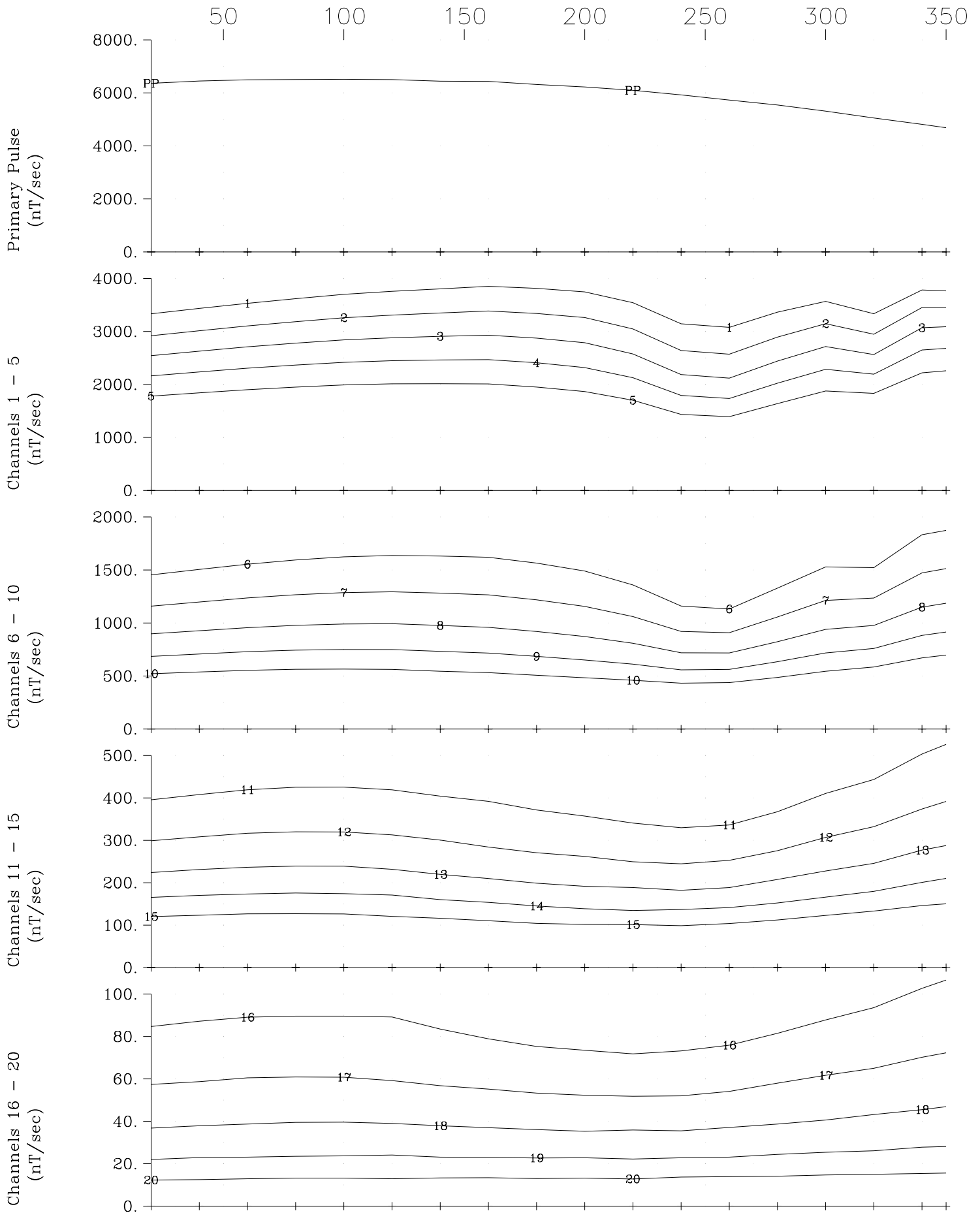
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.



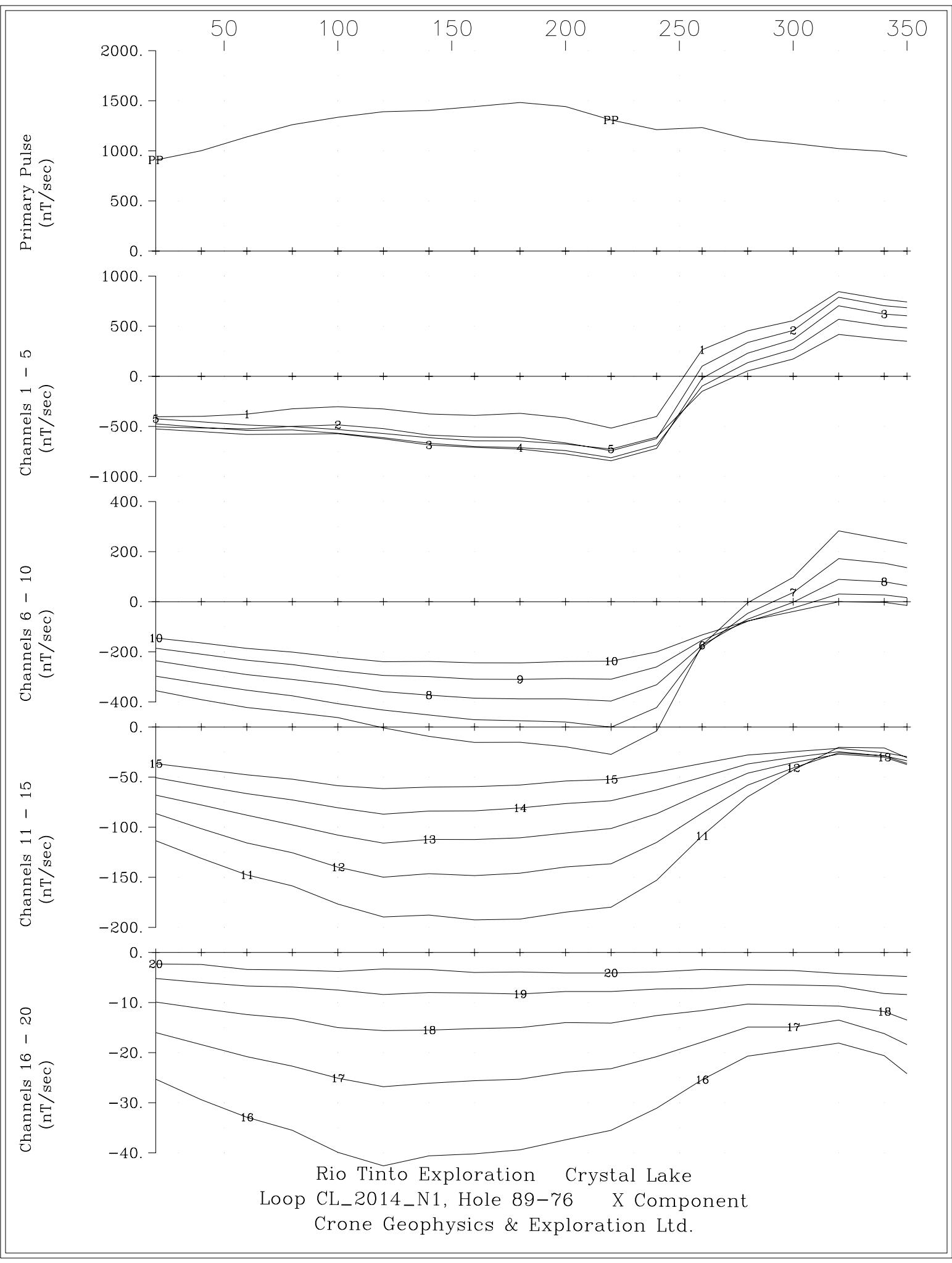
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.

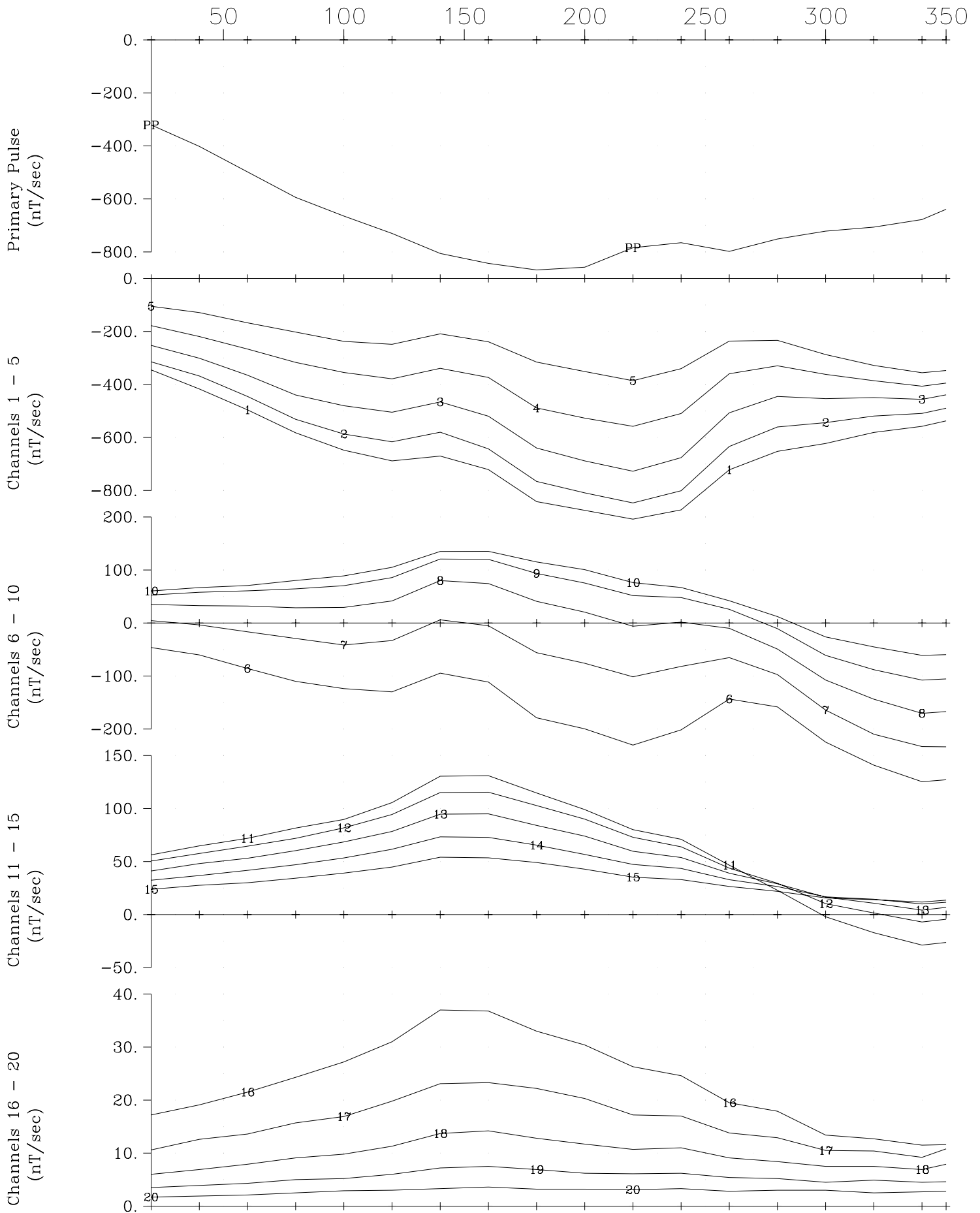


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.

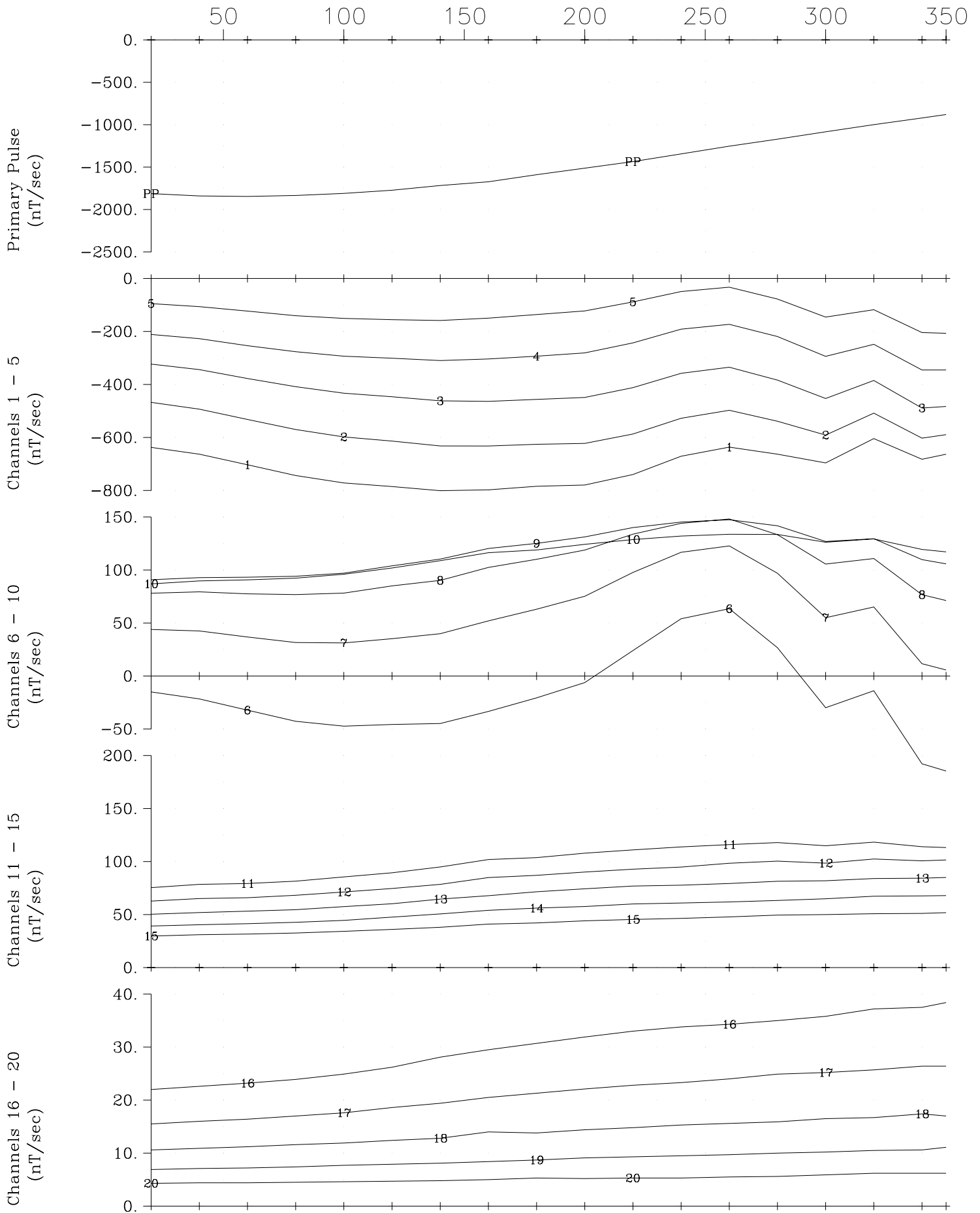


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.

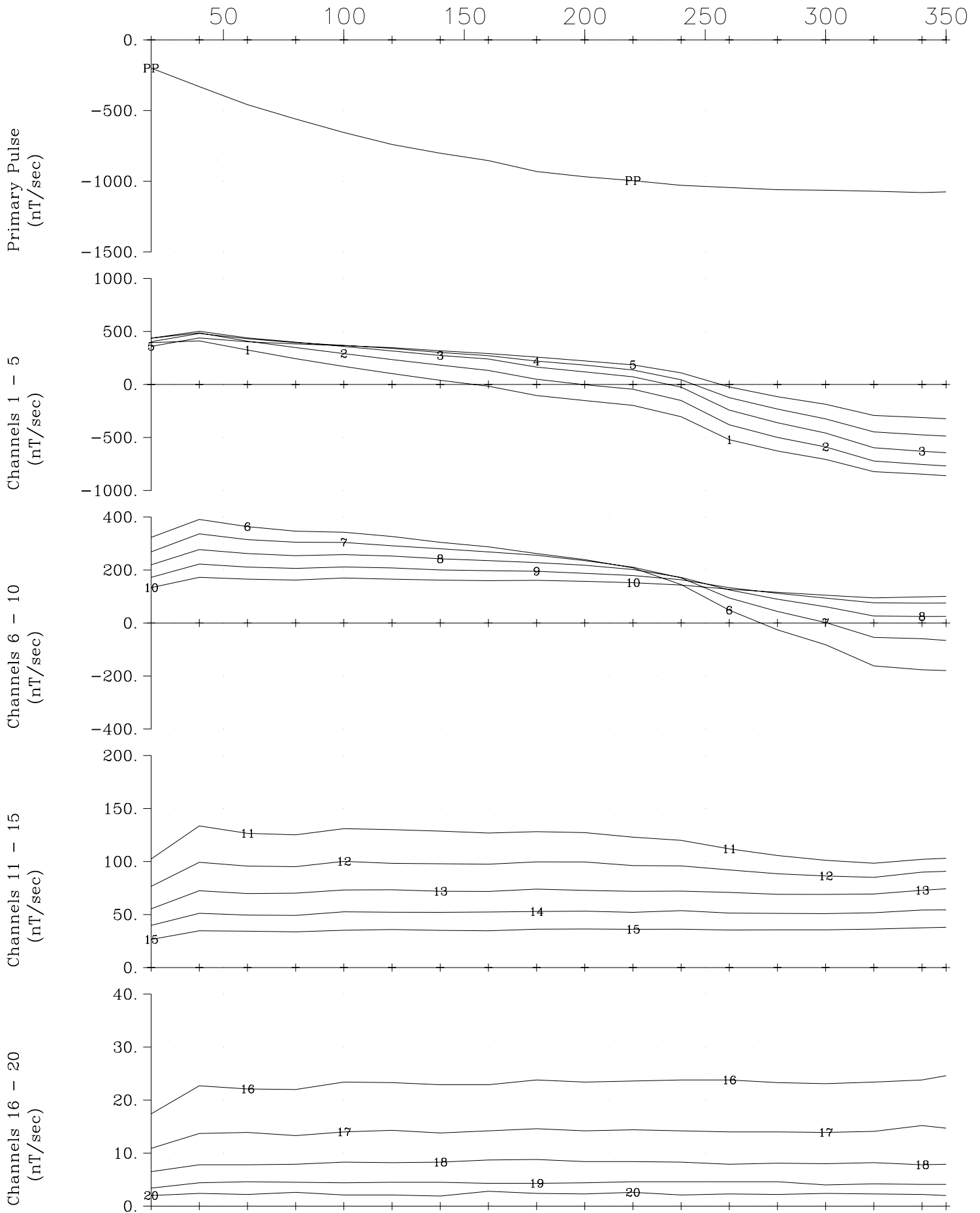




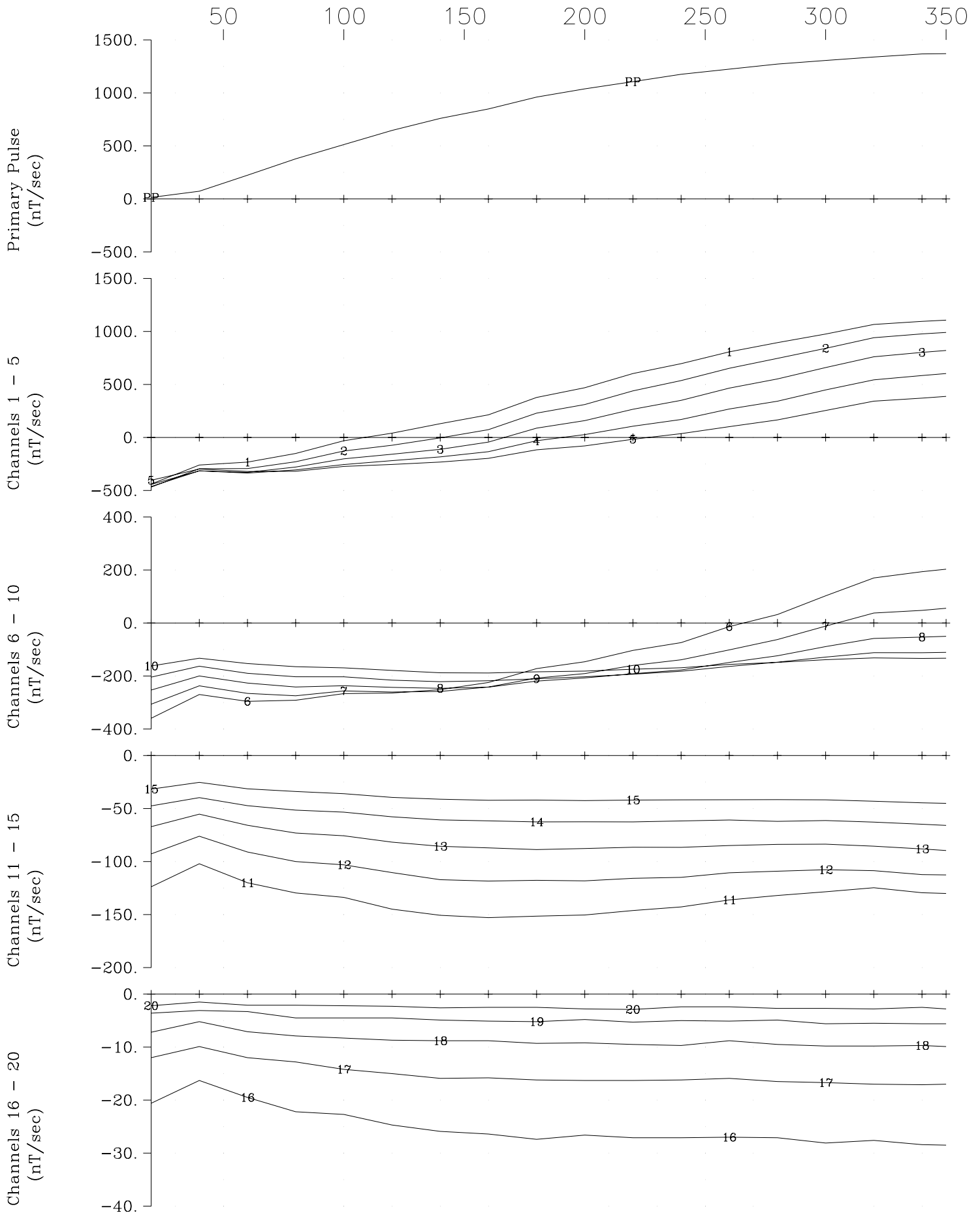
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.



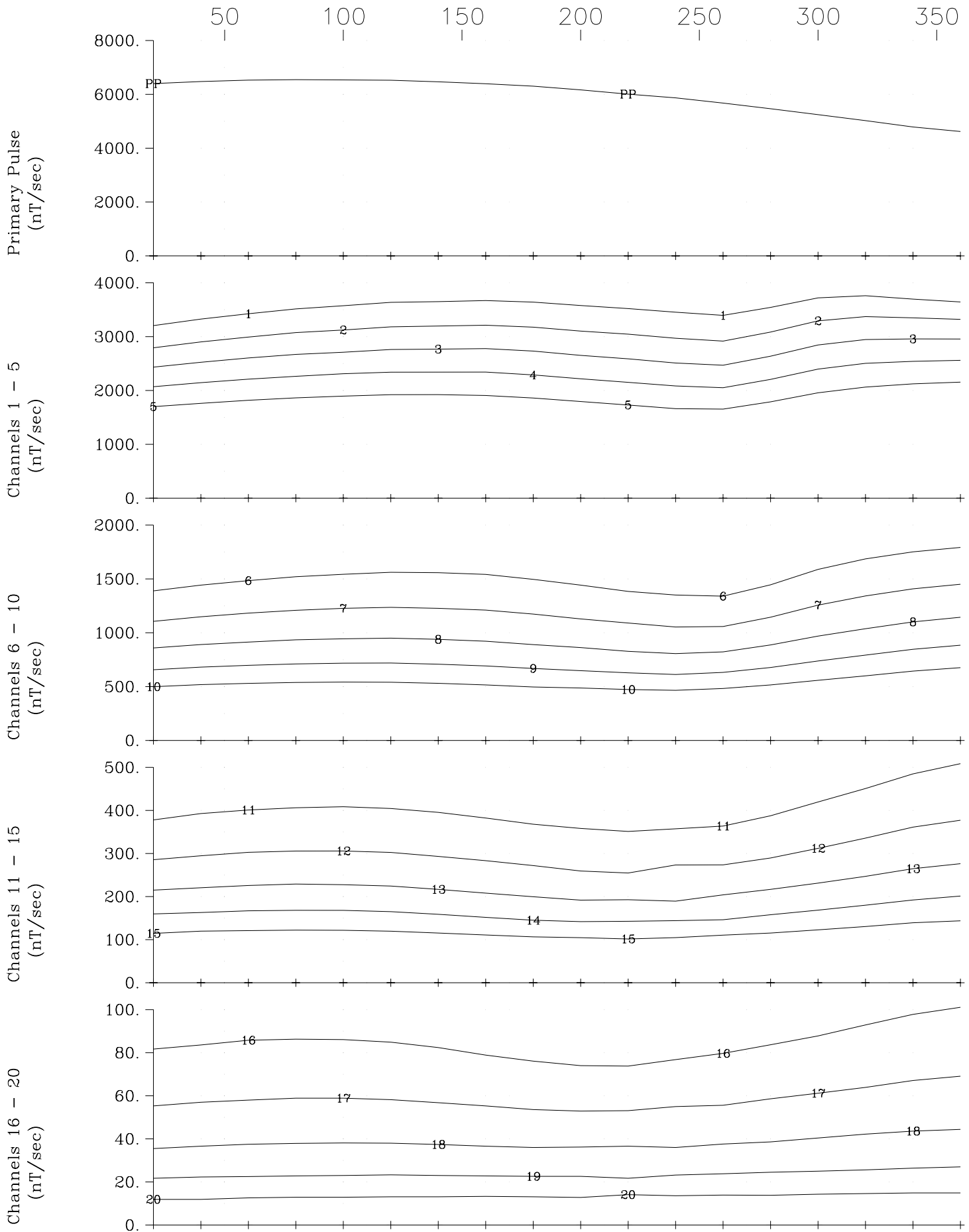
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.



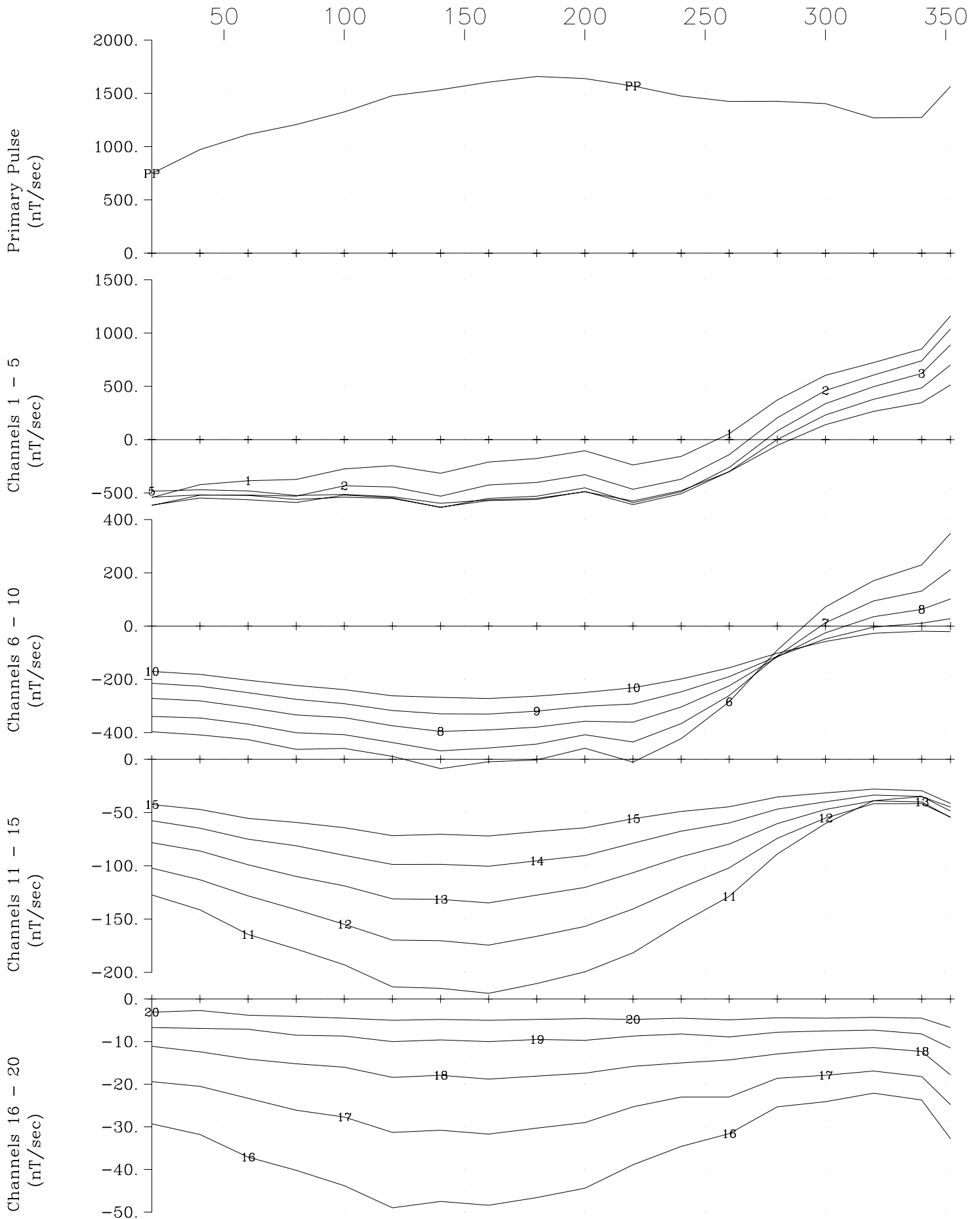
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.



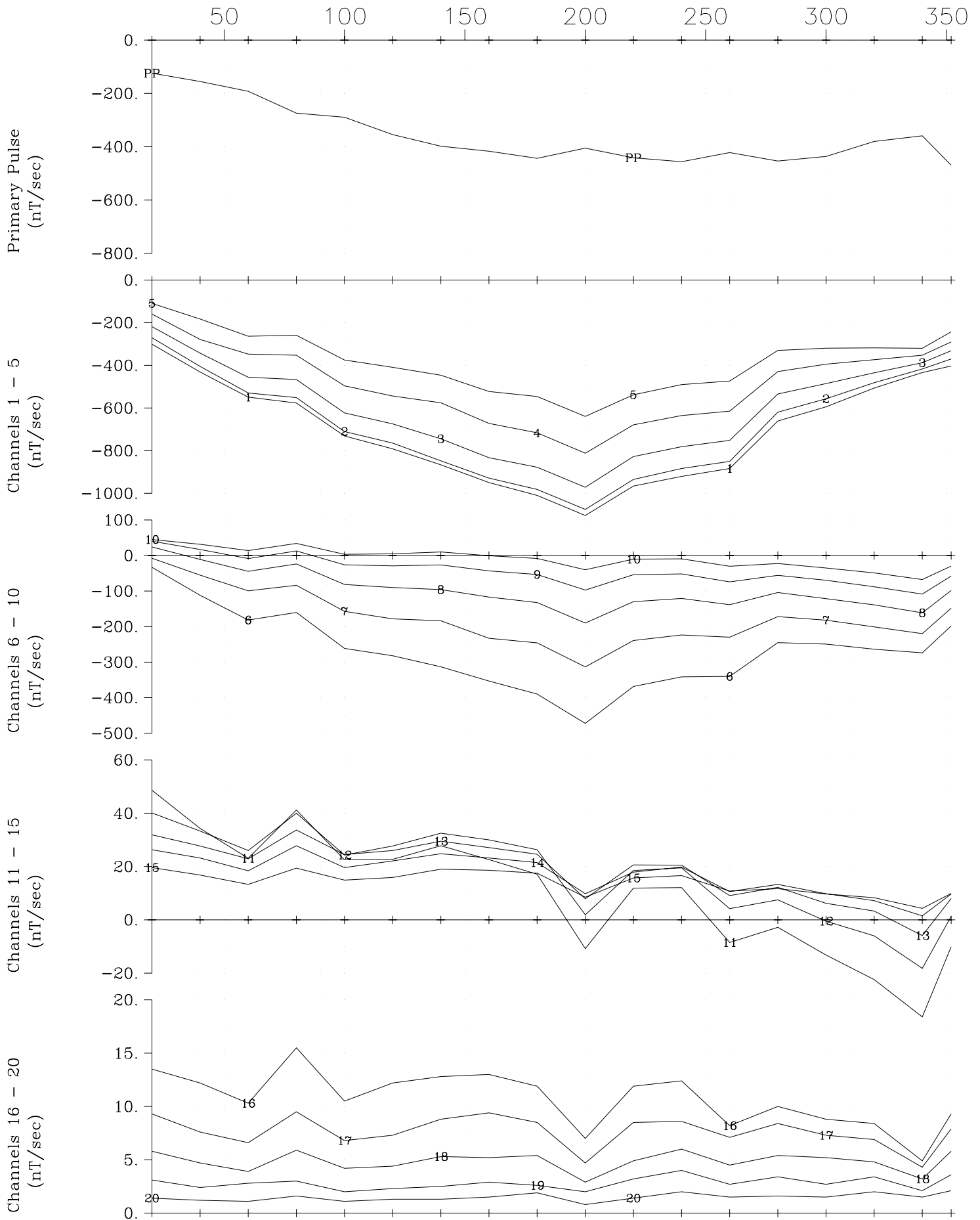
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.



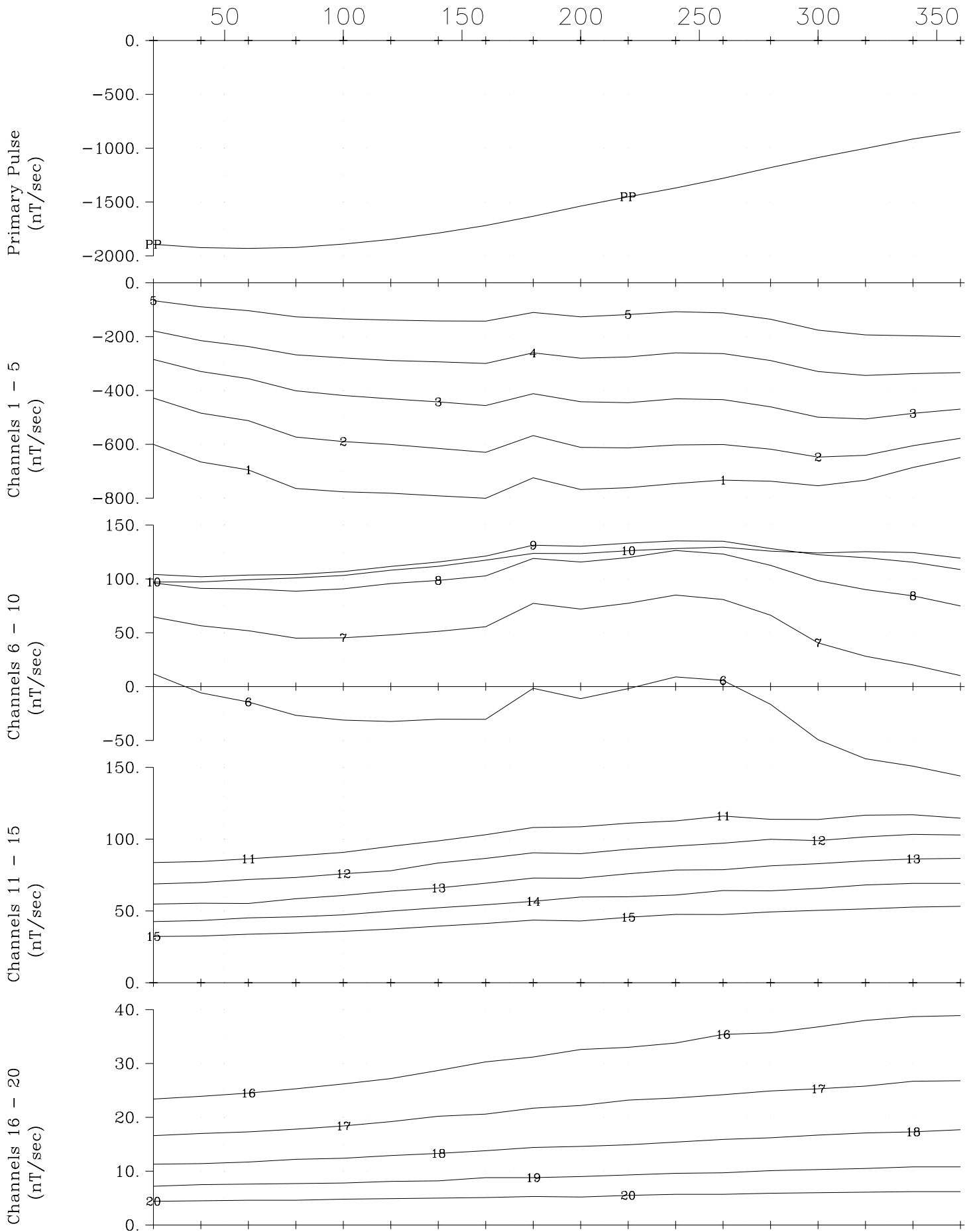
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-77 Z Component
 Crone Geophysics & Exploration Ltd.



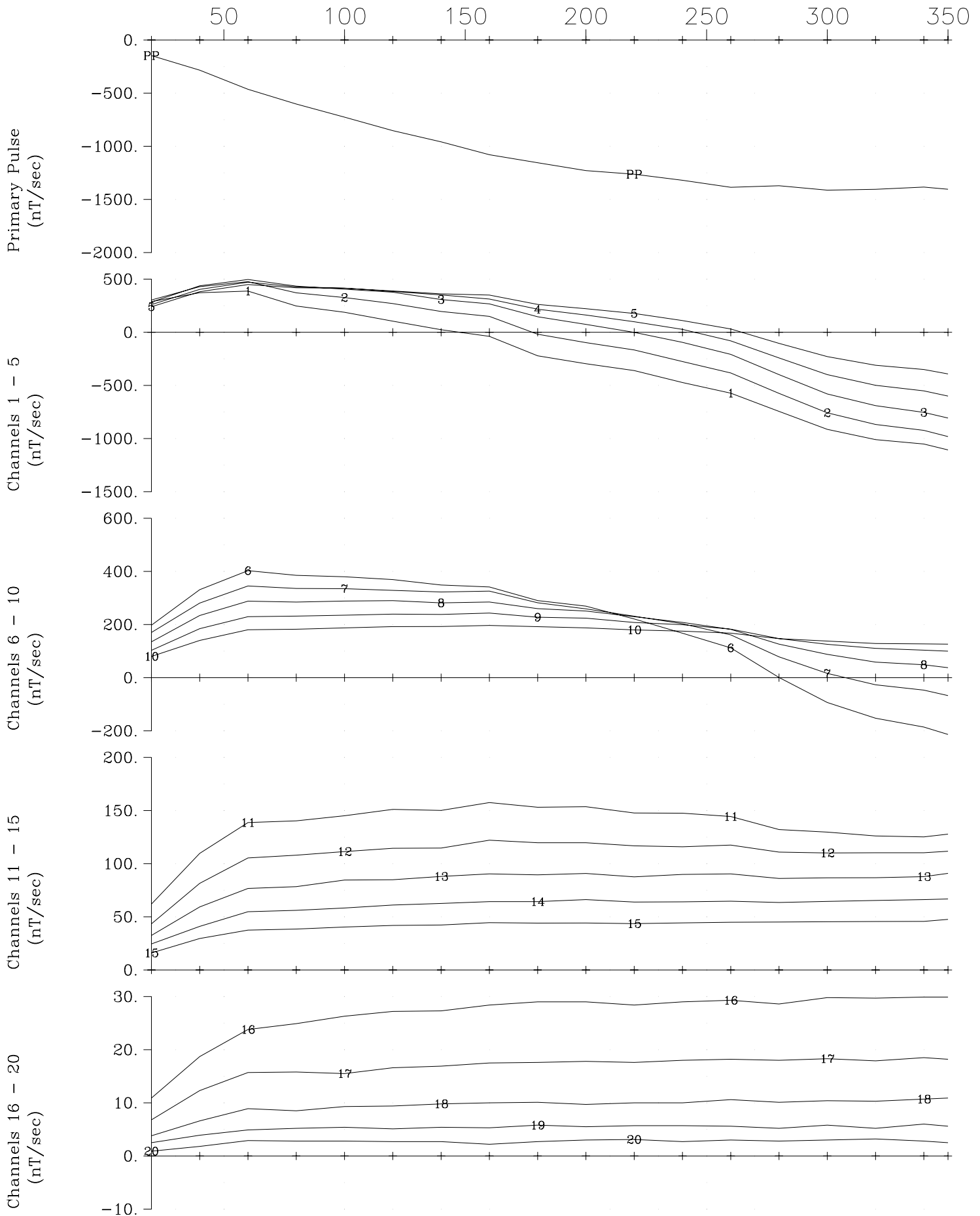
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-77 X Component
 Crone Geophysics & Exploration Ltd.



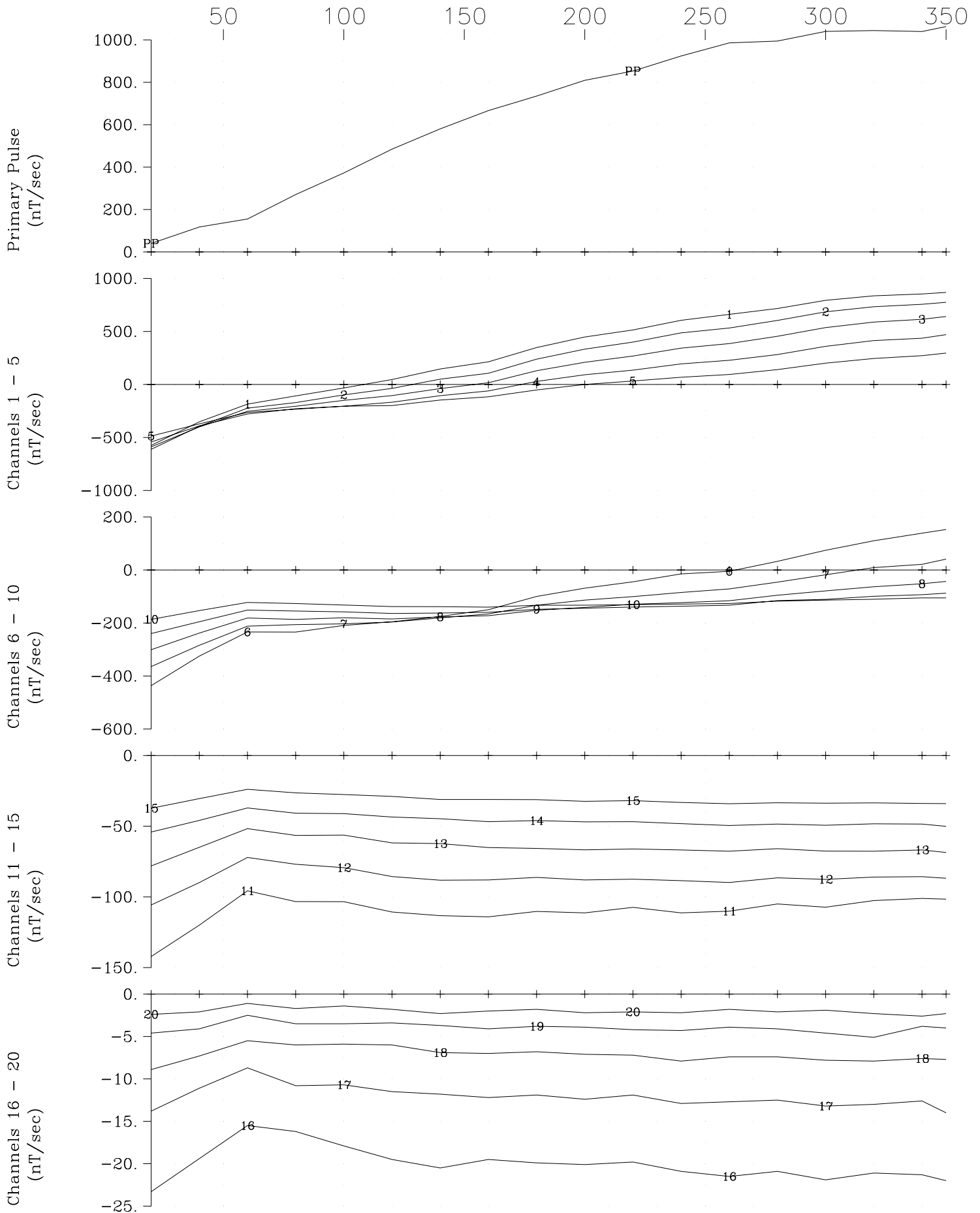
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-77 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-77 Z Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-77 X Component
 Crone Geophysics & Exploration Ltd.



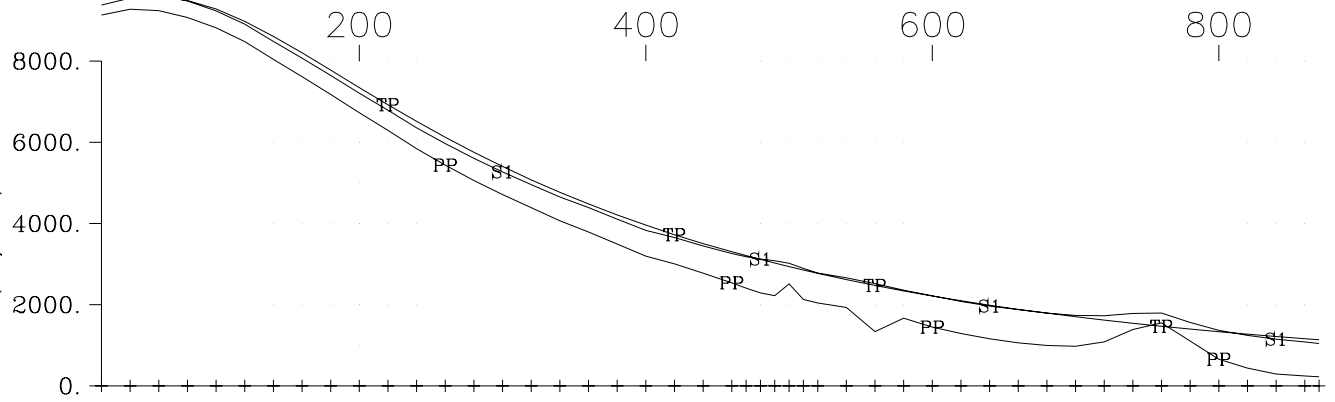
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-77 Y Component
 Crone Geophysics & Exploration Ltd.



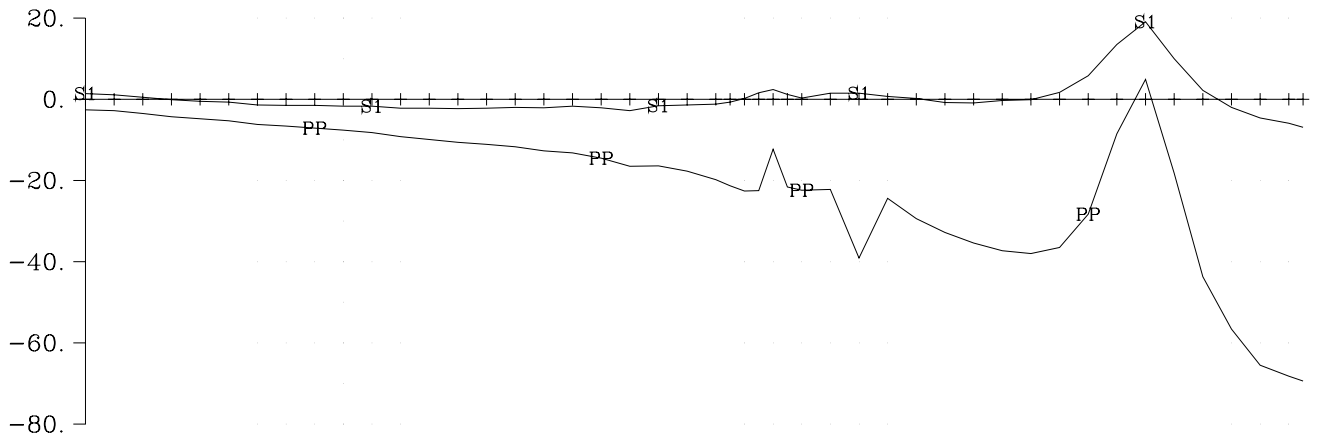
Appendix 5: Step Response Data Profiles



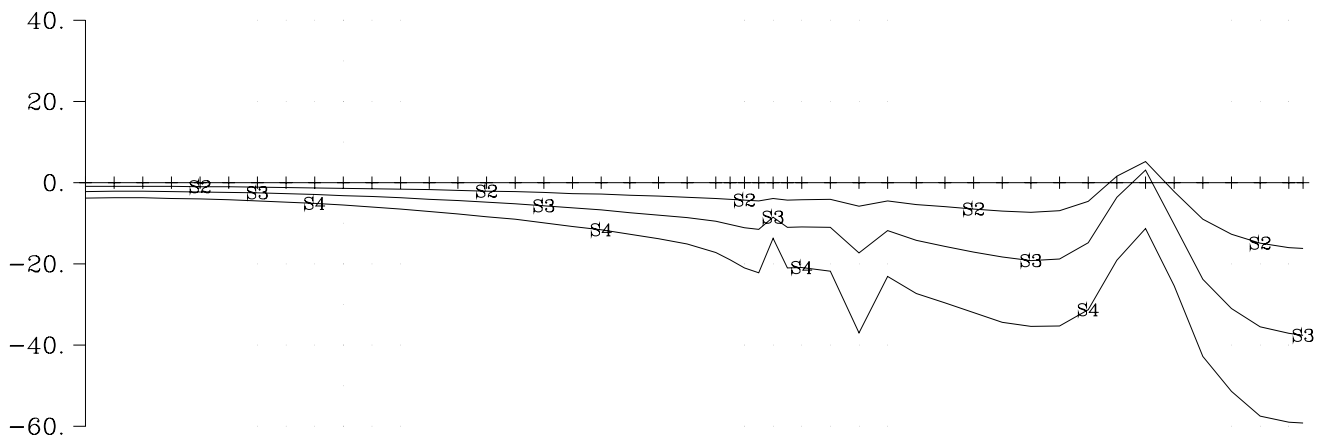
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1
(nT/sec)



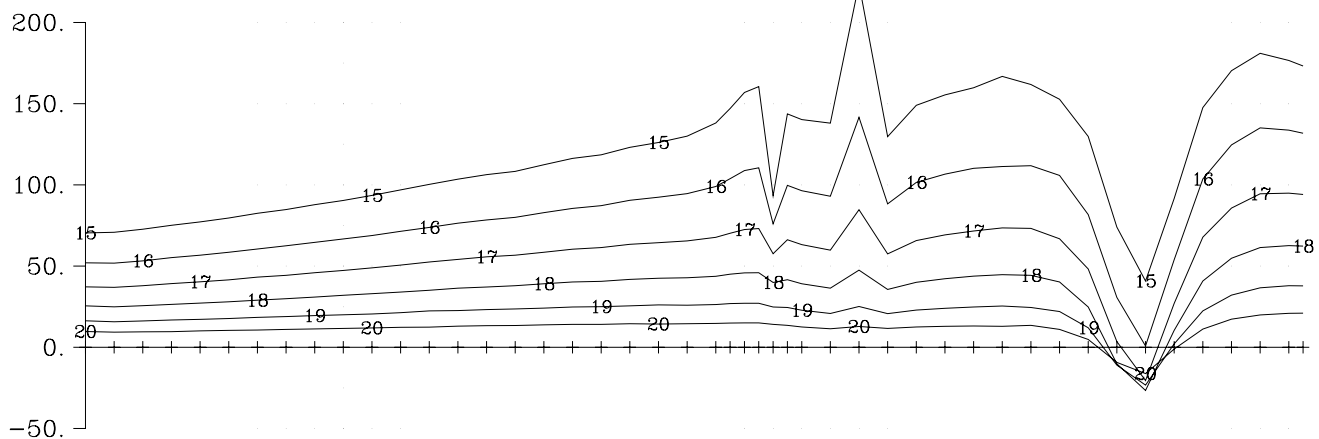
Deviation from TP.
(% Total Theoretical)



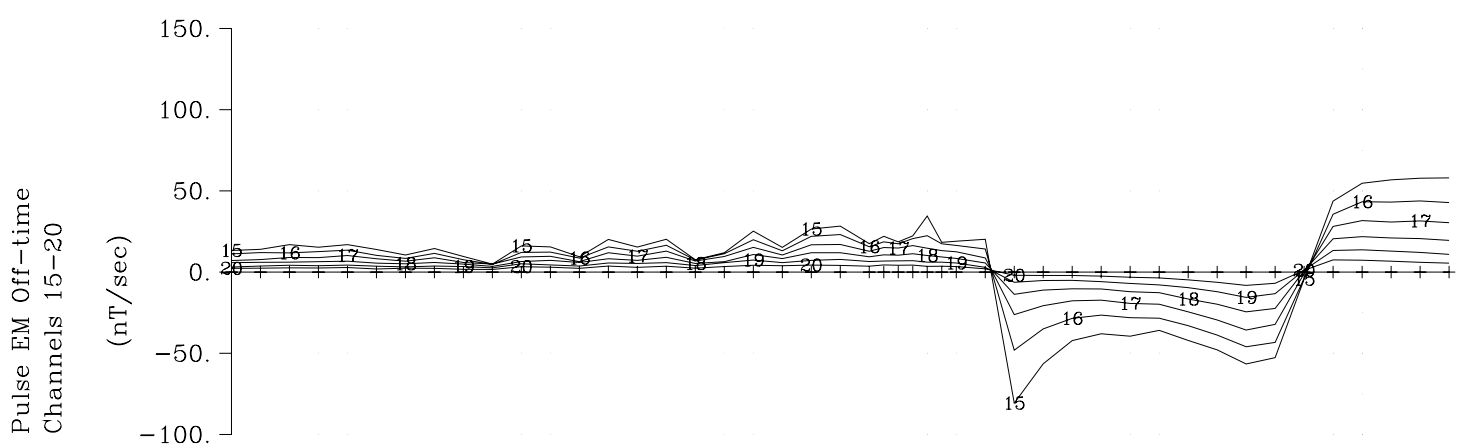
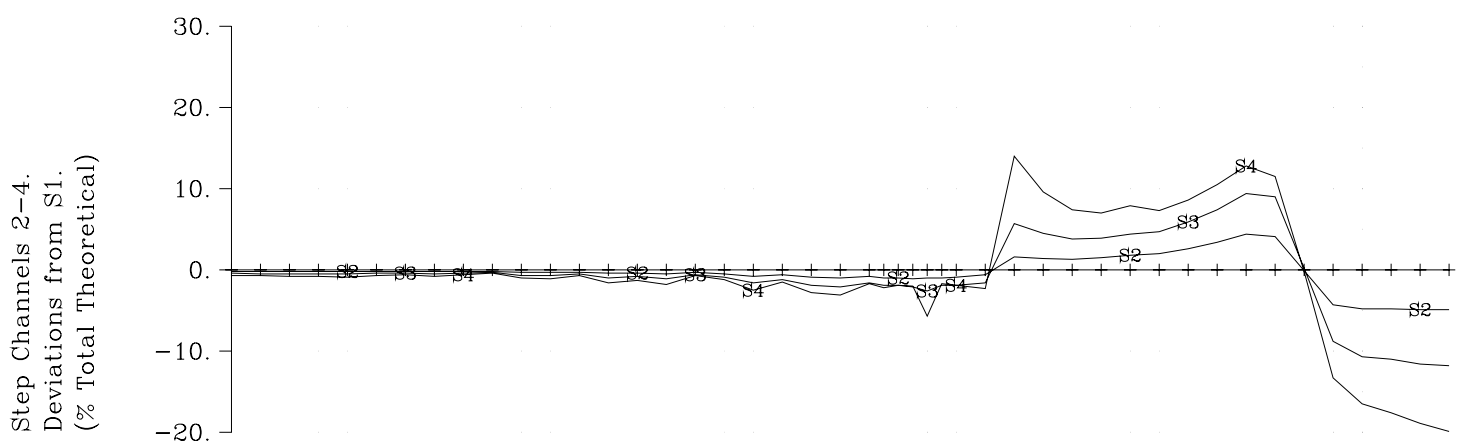
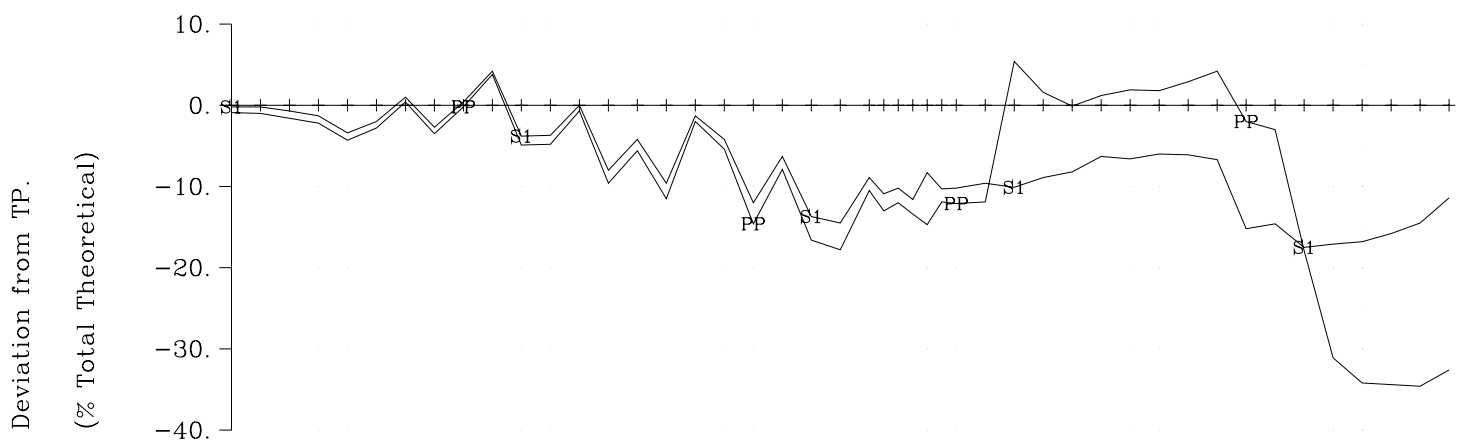
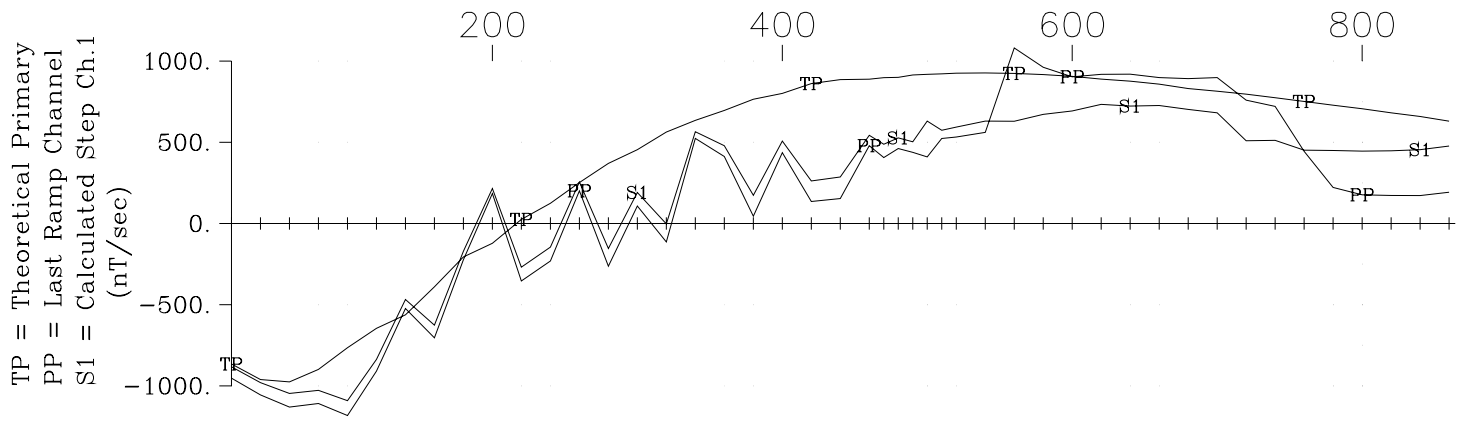
Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



Pulse EM Off-time
Channels 15-20
(nT/sec)



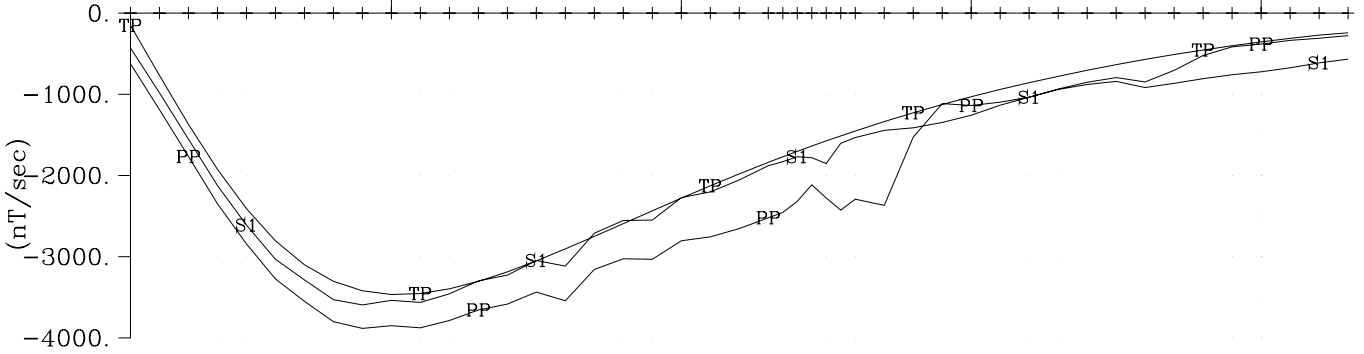
Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14CL001 Z Component
Crone Geophysics & Exploration Ltd.



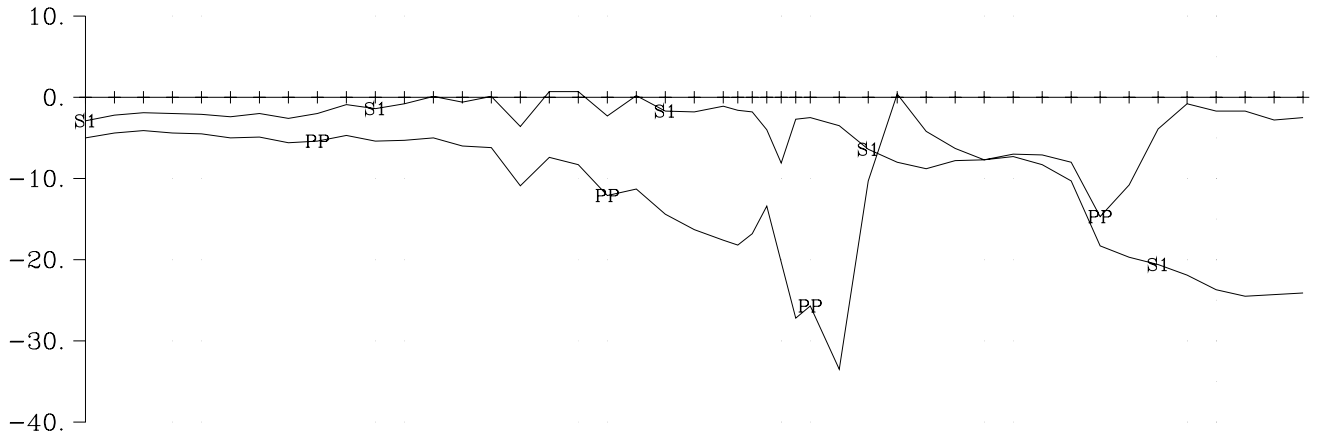
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL001 X Component
 Crone Geophysics & Exploration Ltd.

200 400 600 800

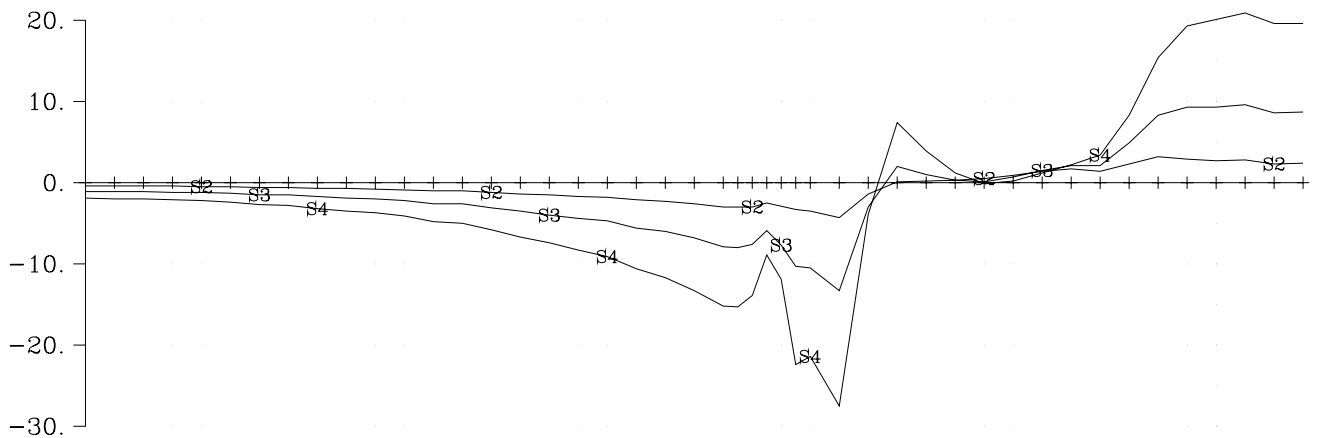
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1



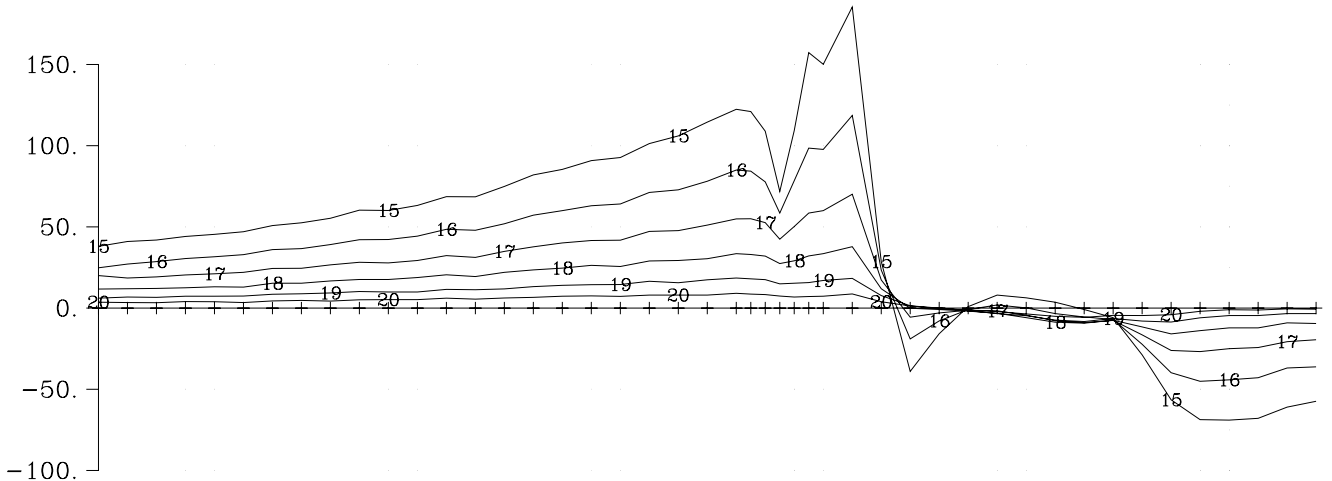
Deviation from TP.
(% Total Theoretical)



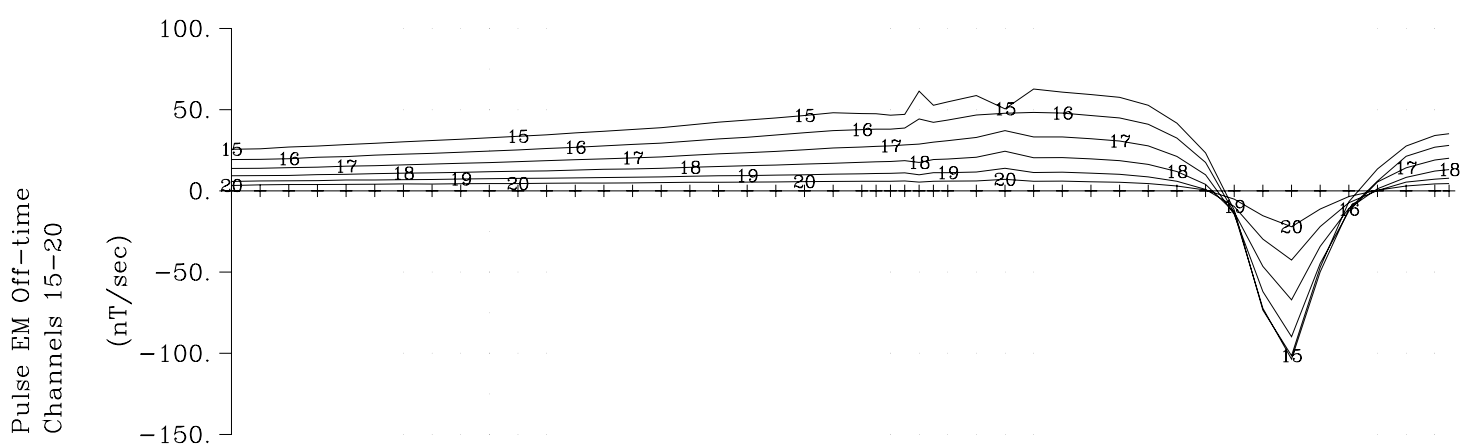
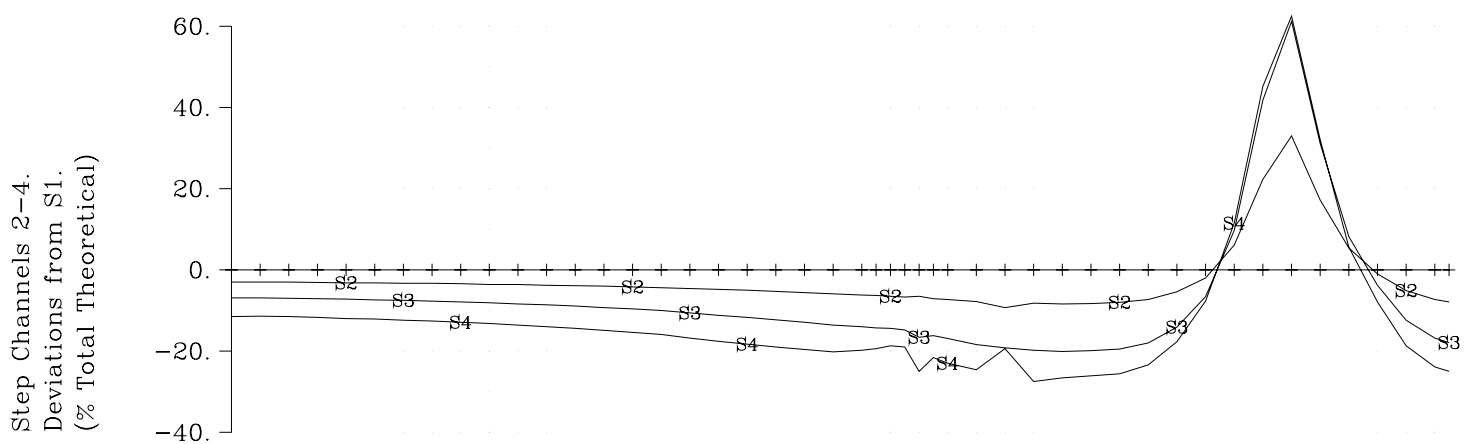
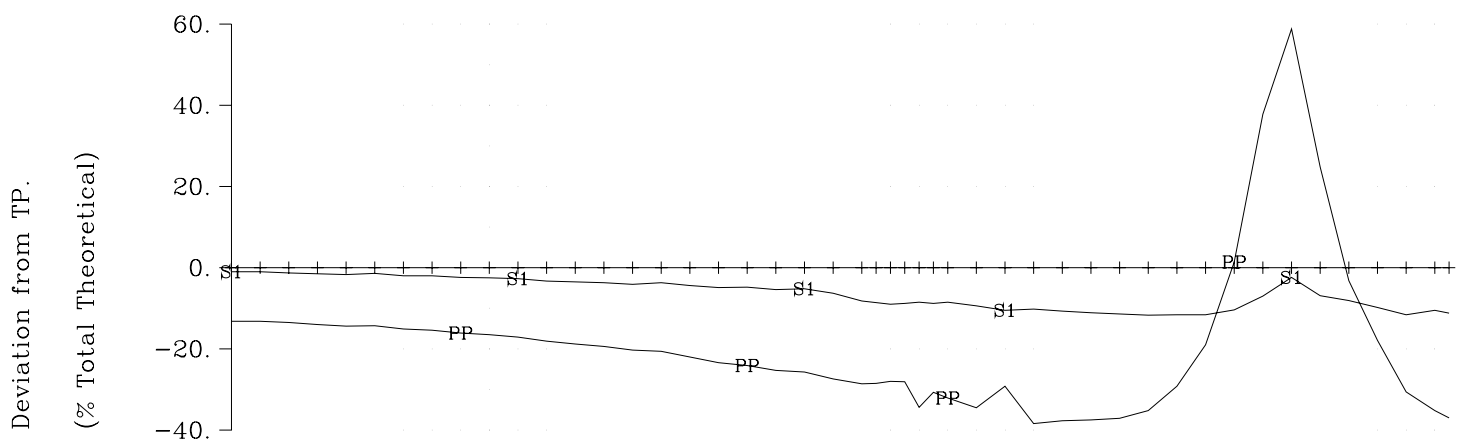
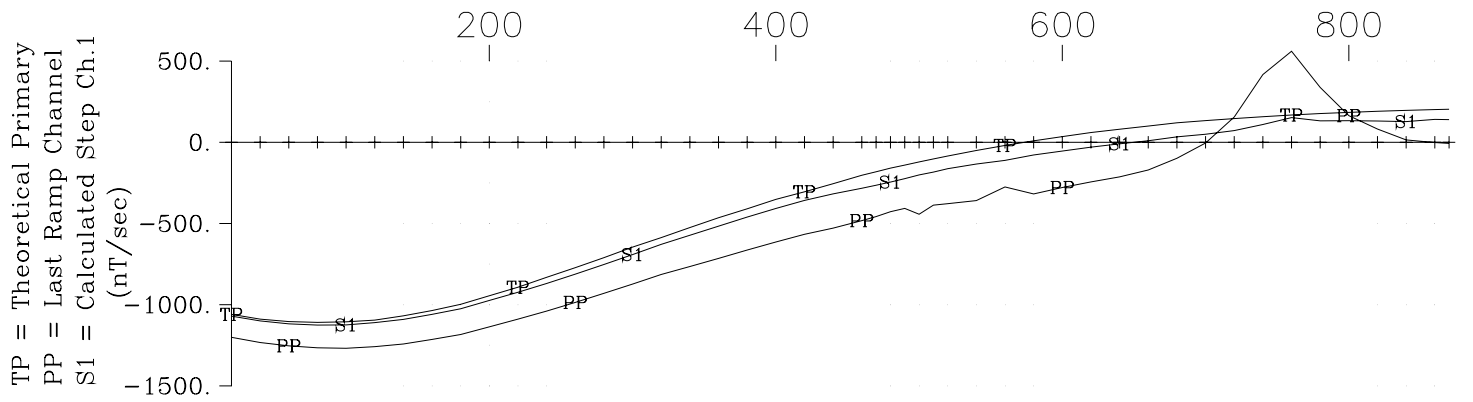
Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



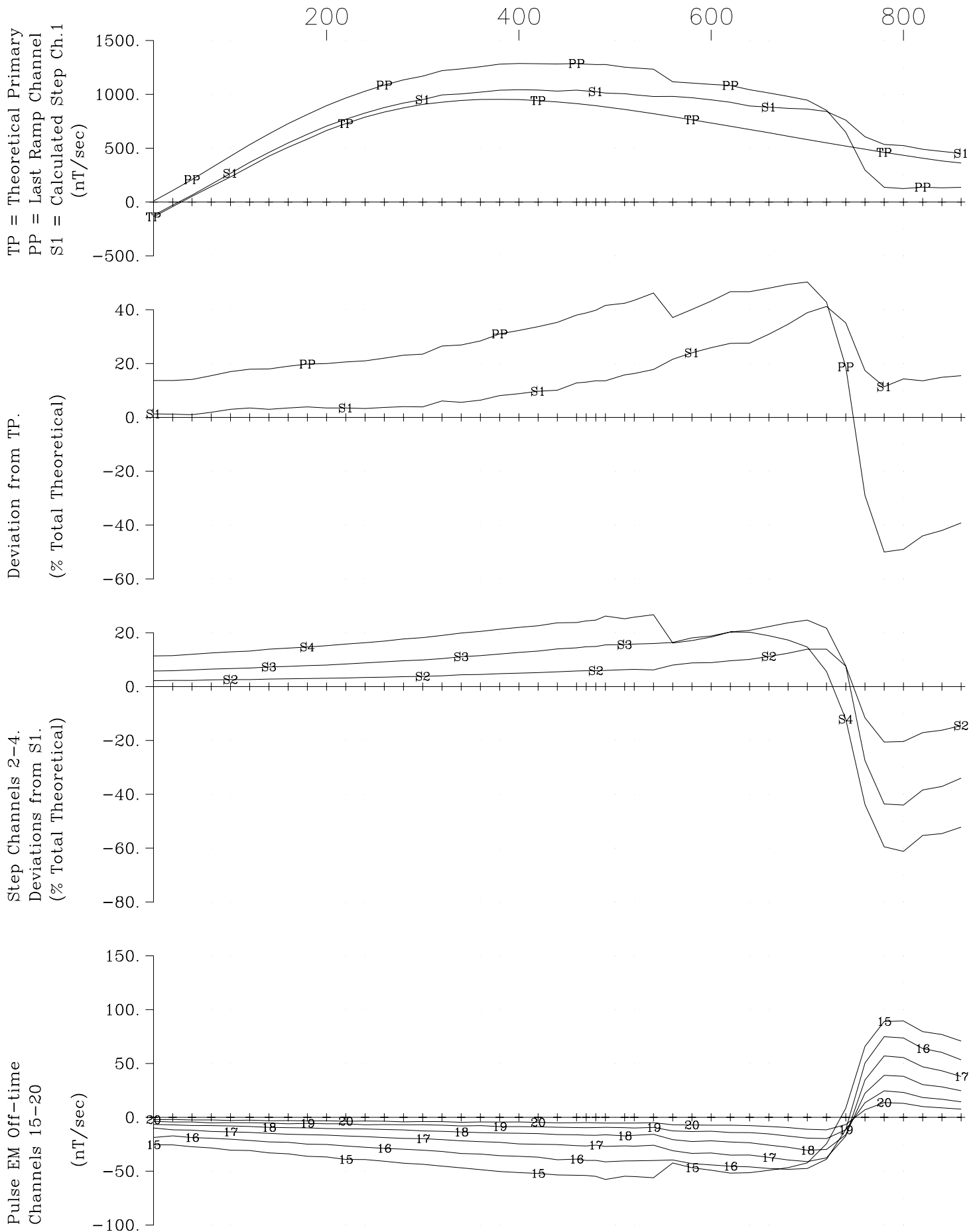
Pulse EM Off-time
Channels 15-20
(nT/sec)



Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14CL0001 Y Component
Crone Geophysics & Exploration Ltd.



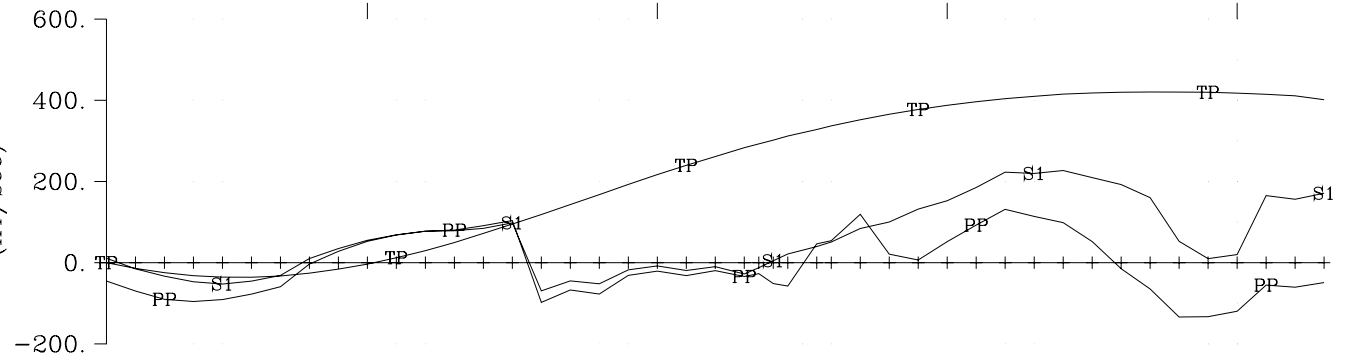
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0001 Z Component
 Crone Geophysics & Exploration Ltd.



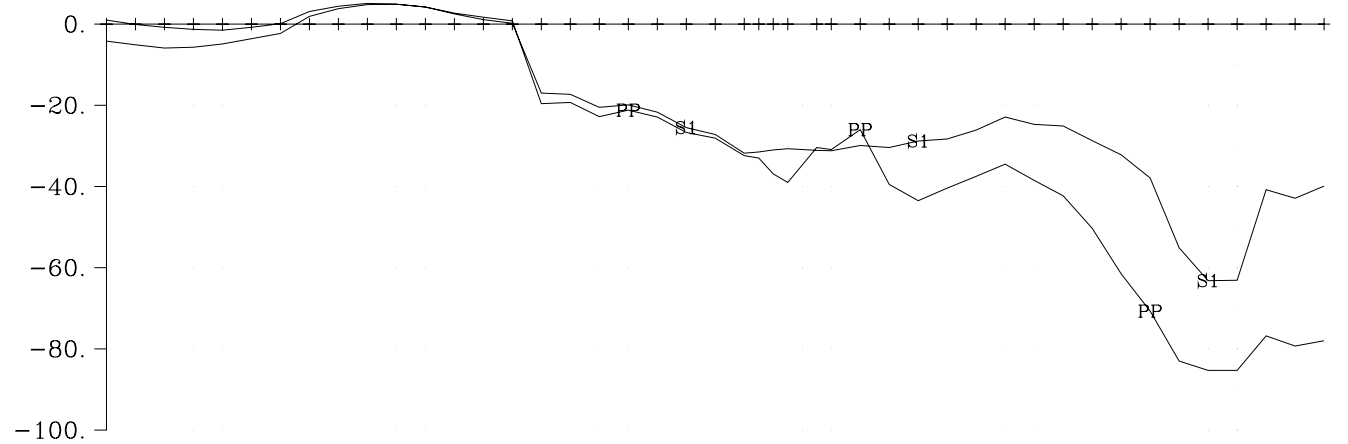
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0001 X Component
 Crone Geophysics & Exploration Ltd.

200 400 600 800

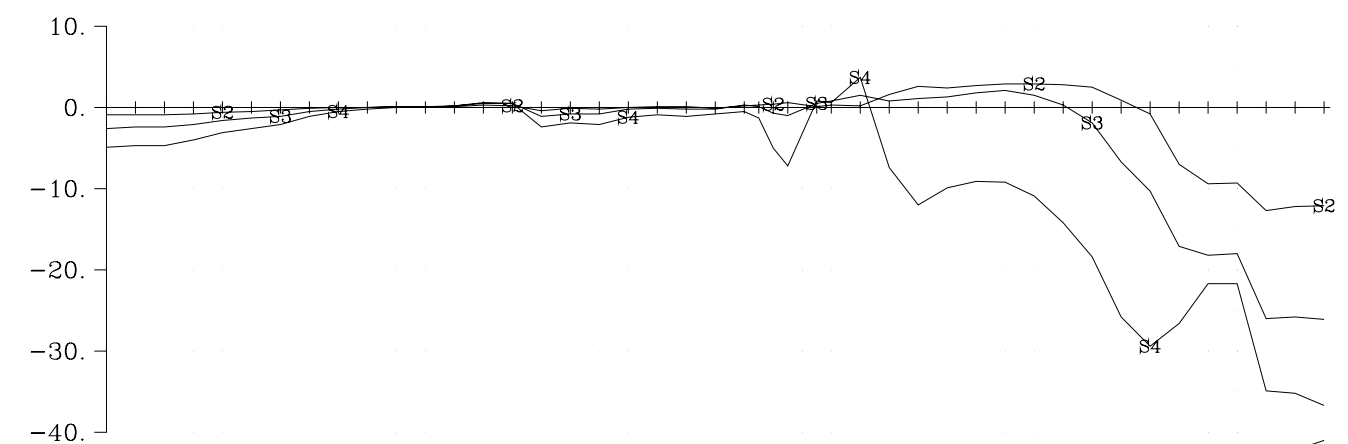
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1
(nT/sec)



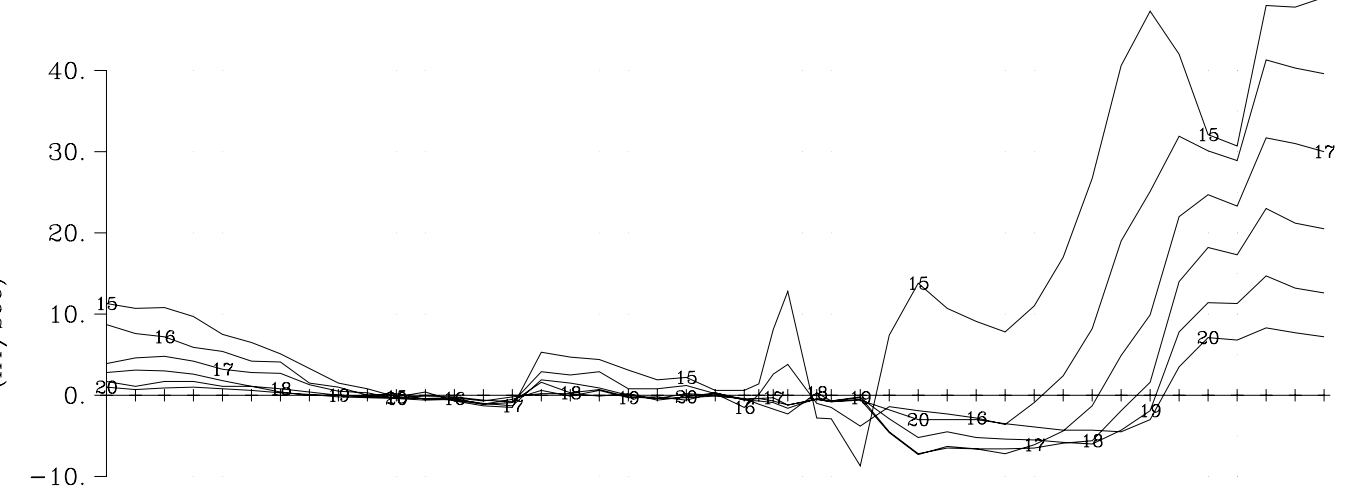
Deviation from TP.
(% Total Theoretical)



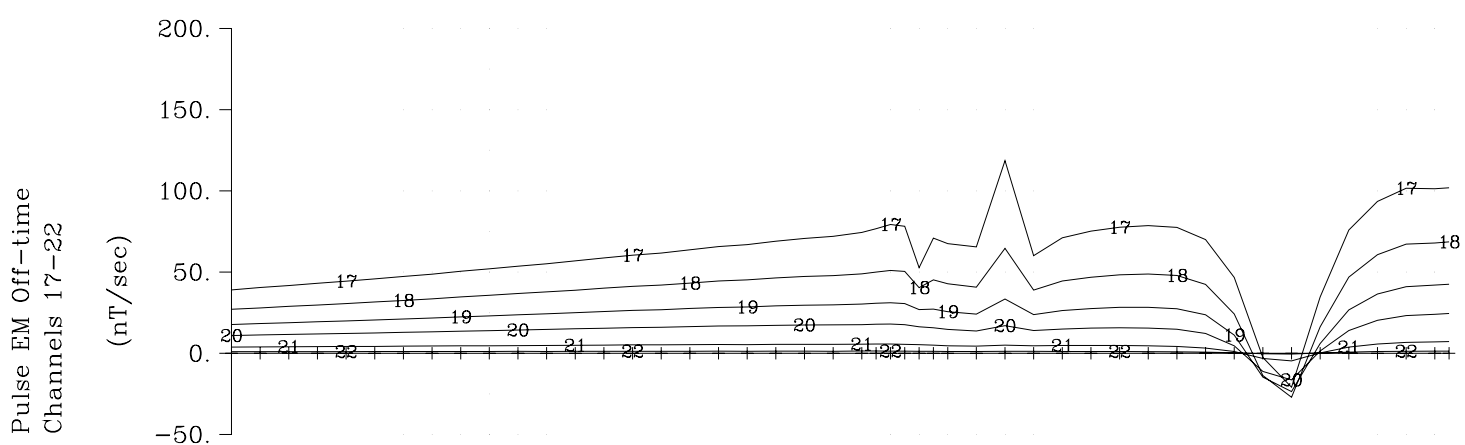
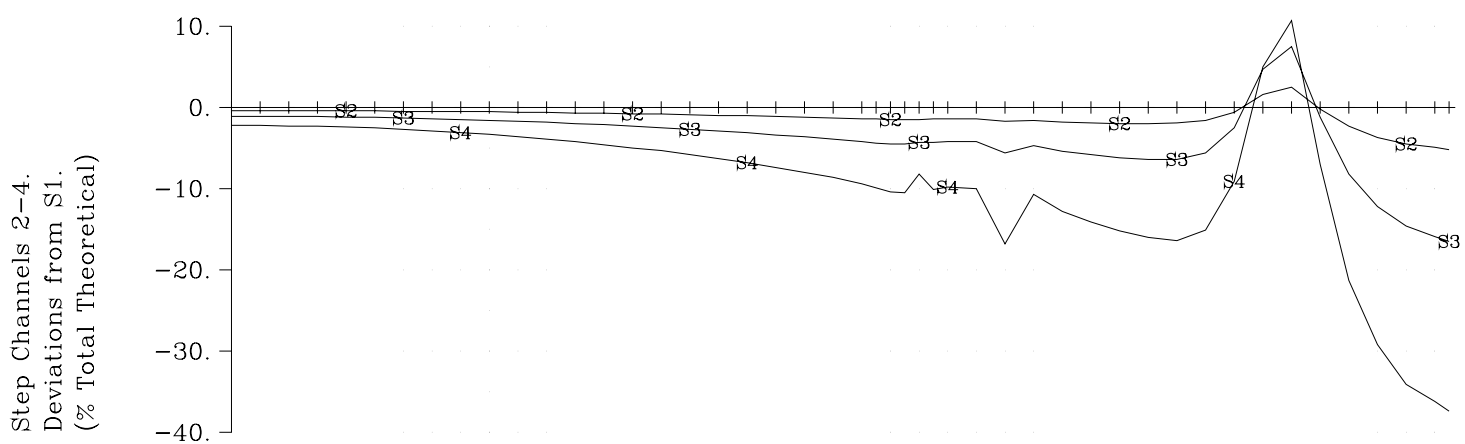
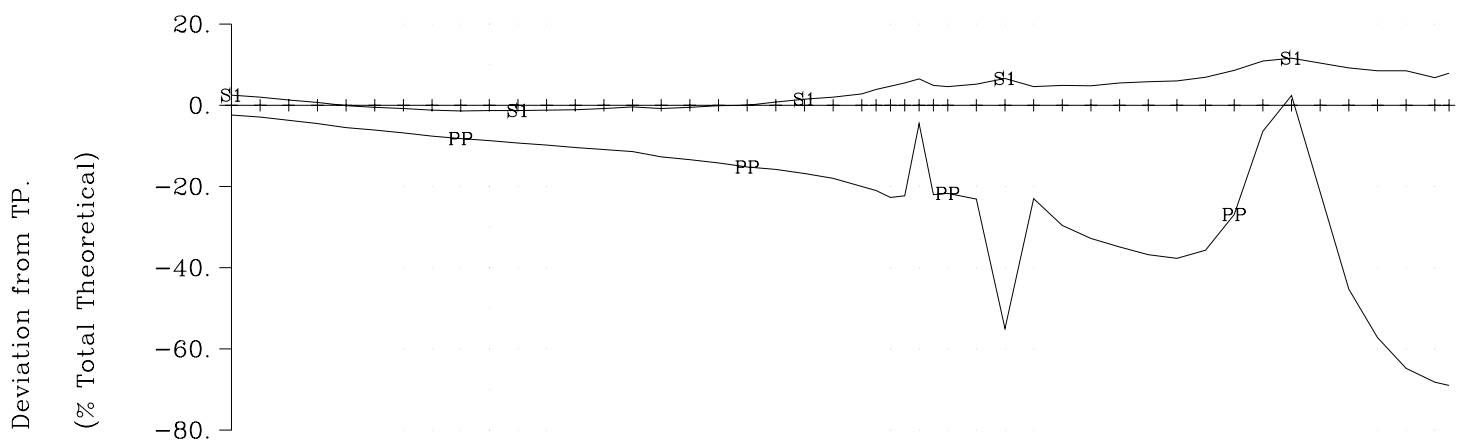
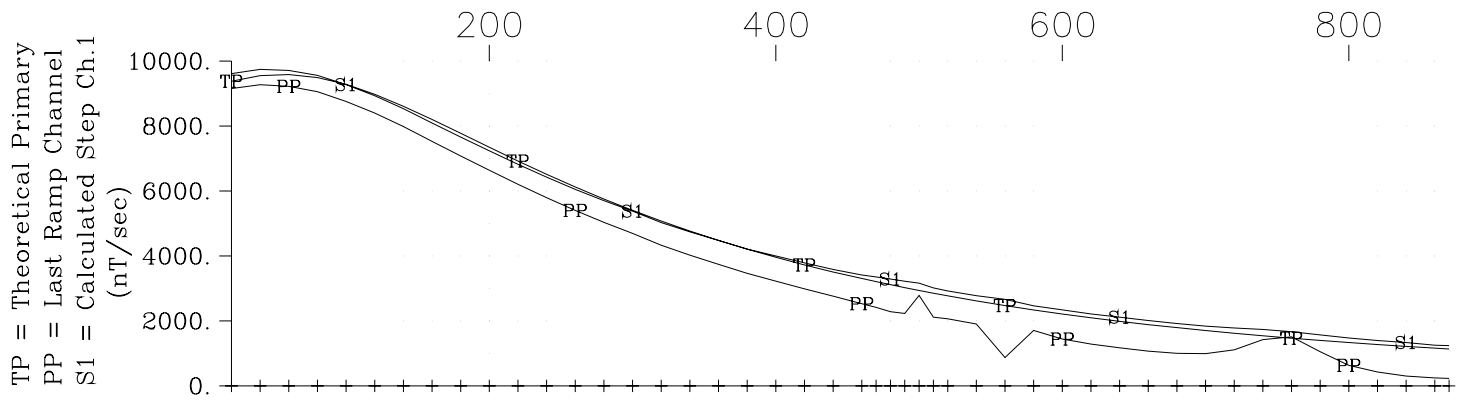
Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



Pulse EM Off-time
Channels 15-20
(nT/sec)

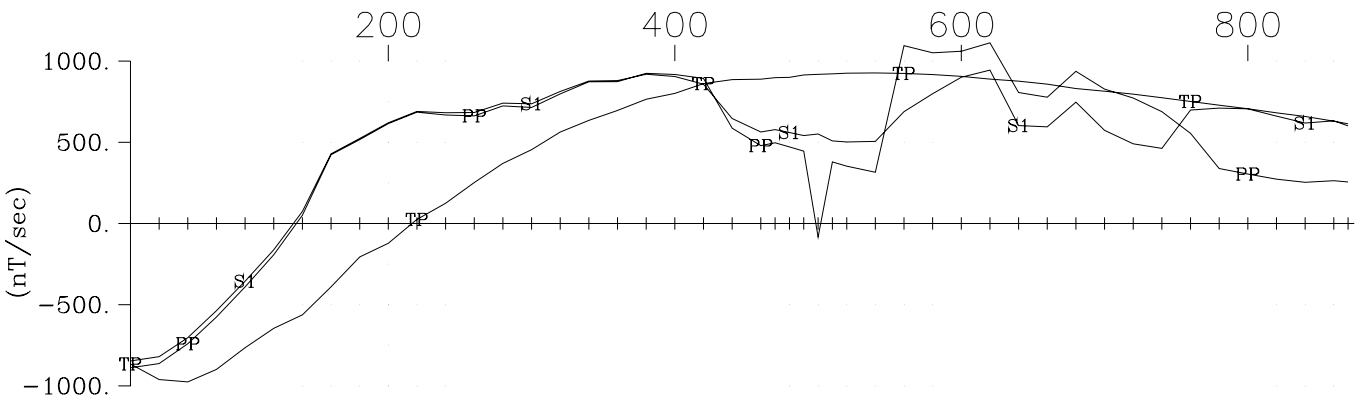


Rio Tinto Exploration Crystal Lake
Loop CL_2014_S1, Hole 14CL0001 Y Component
Crone Geophysics & Exploration Ltd.

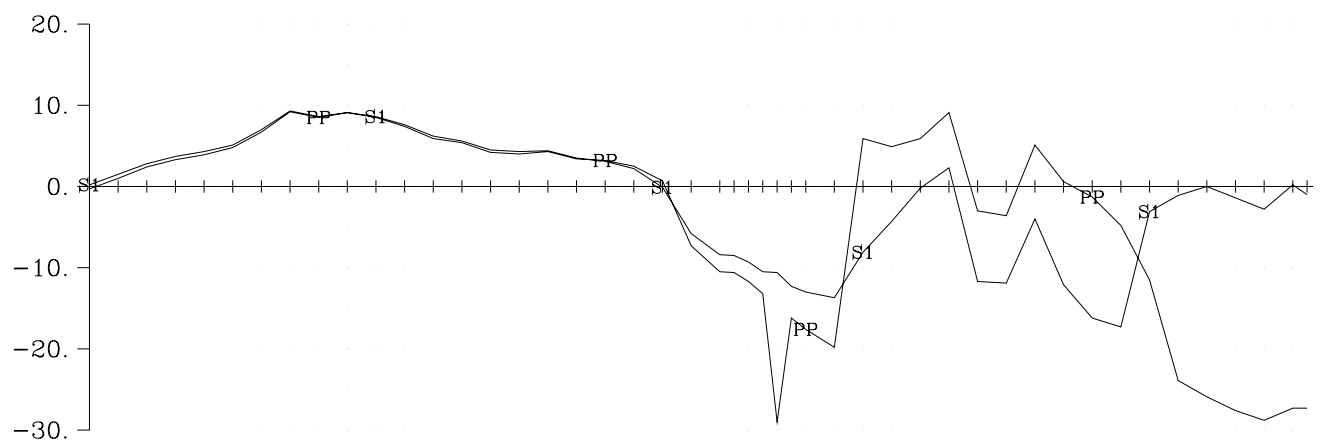


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14-CL-0001 Z Component
 Crone Geophysics & Exploration Ltd.

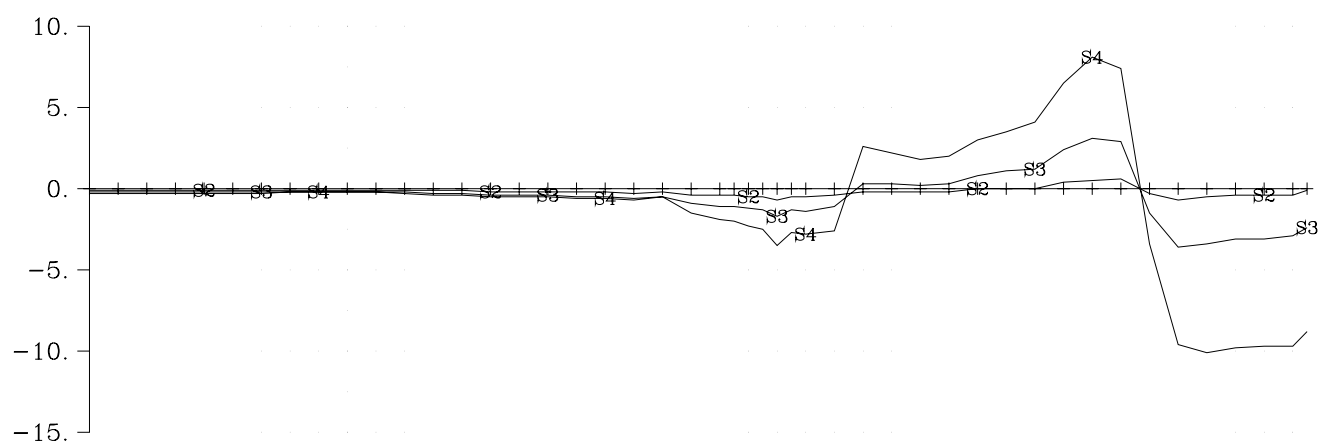
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



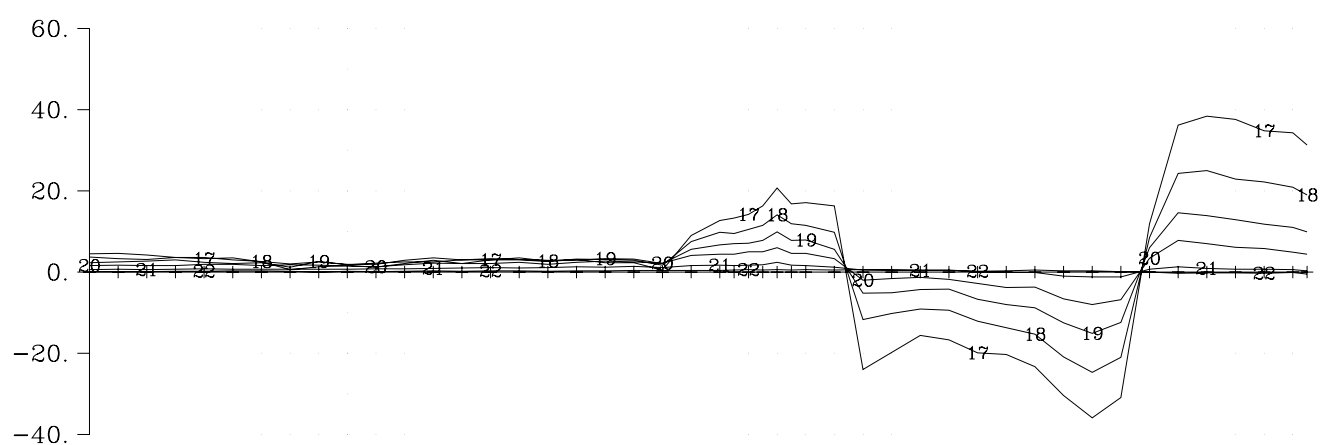
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



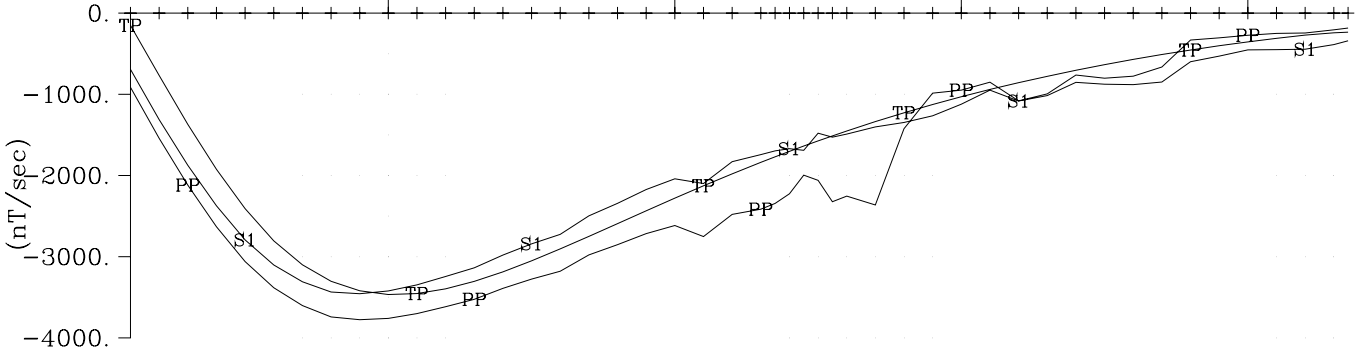
Pulse EM Off-time
 Channels 17-22



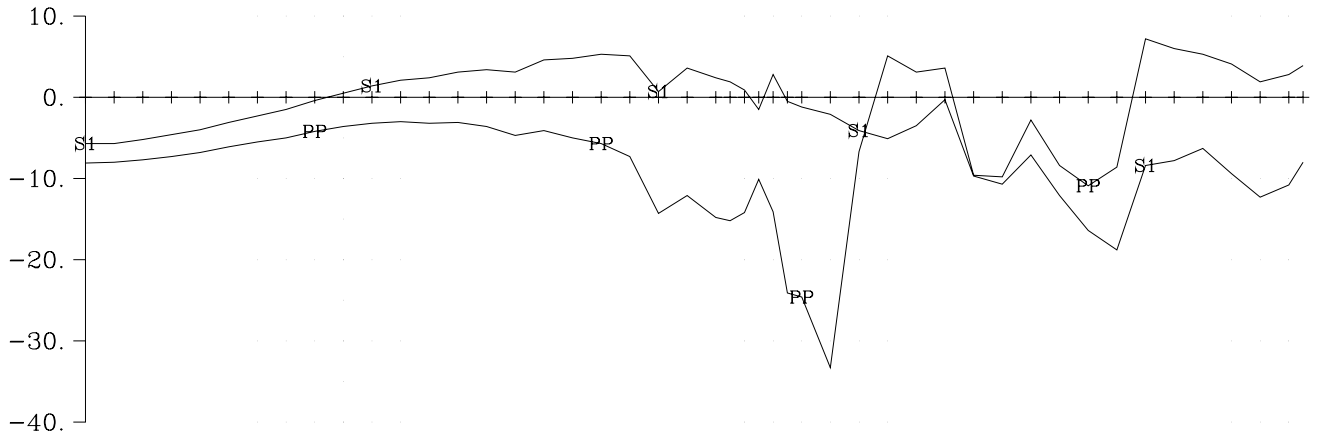
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14-CL-0001 X Component
 Crone Geophysics & Exploration Ltd.

200 400 600 800

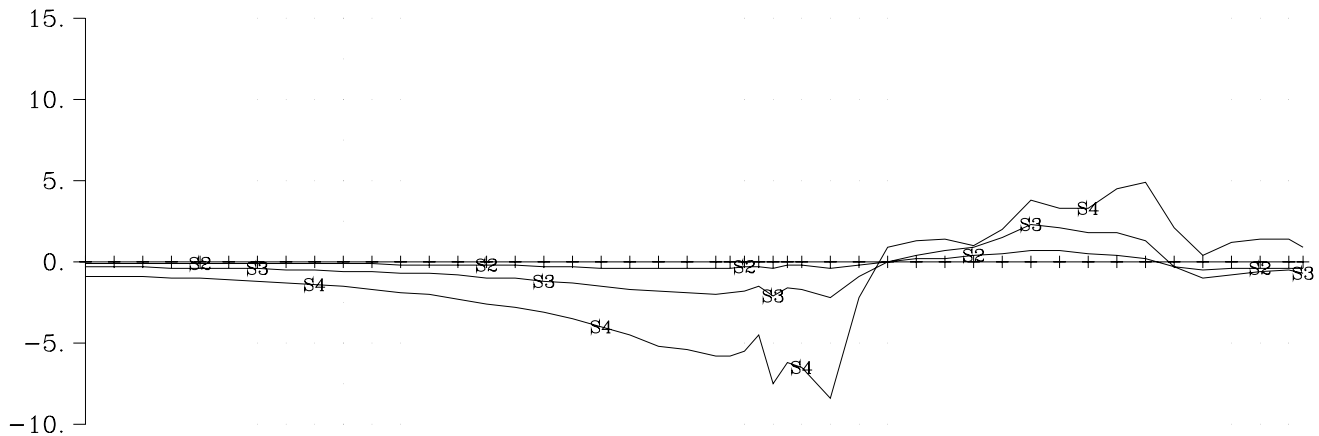
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1



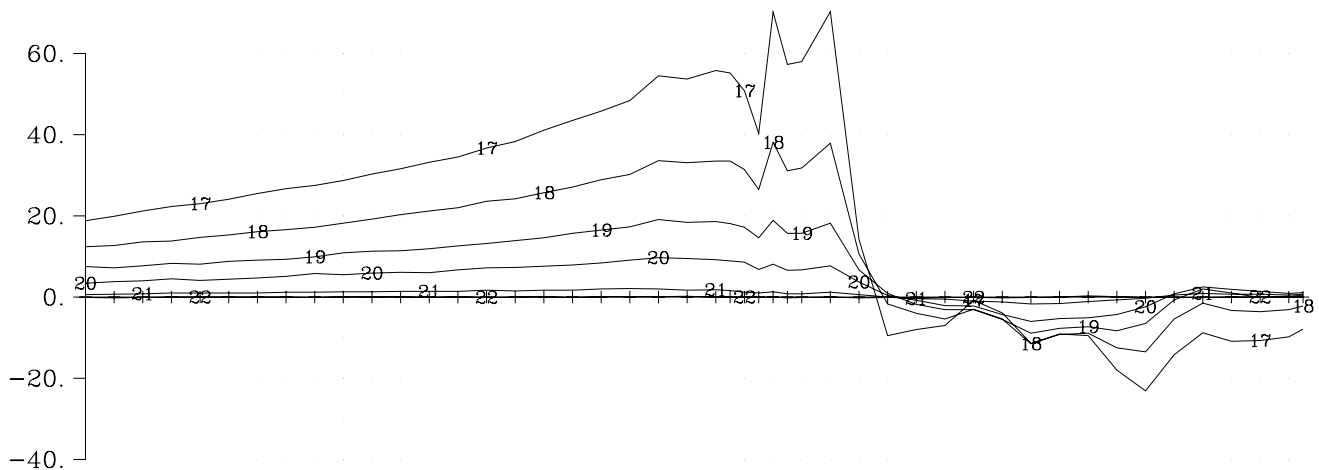
Deviation from TP.
(% Total Theoretical)



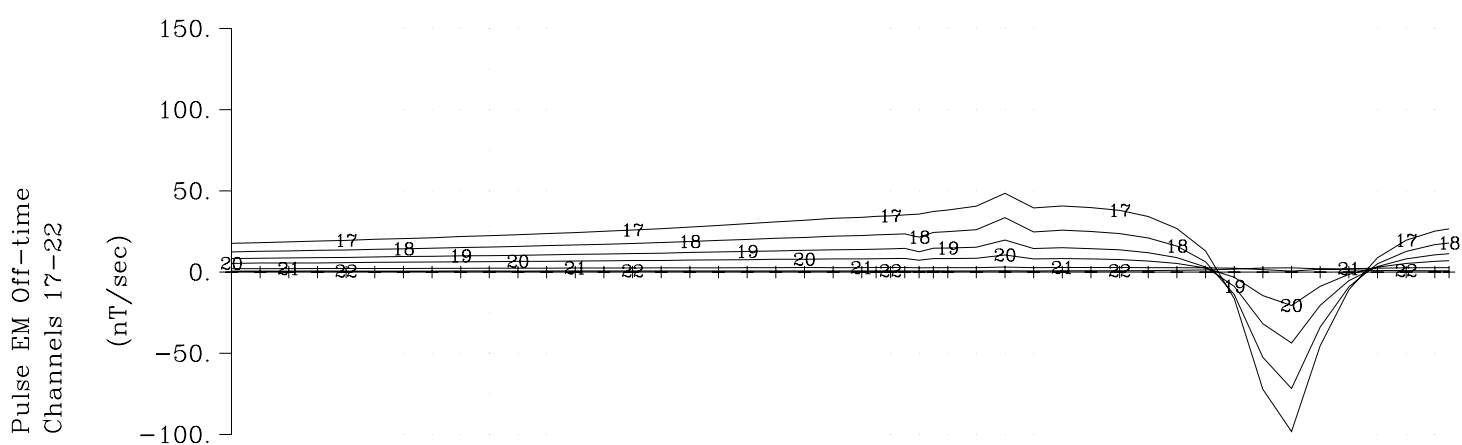
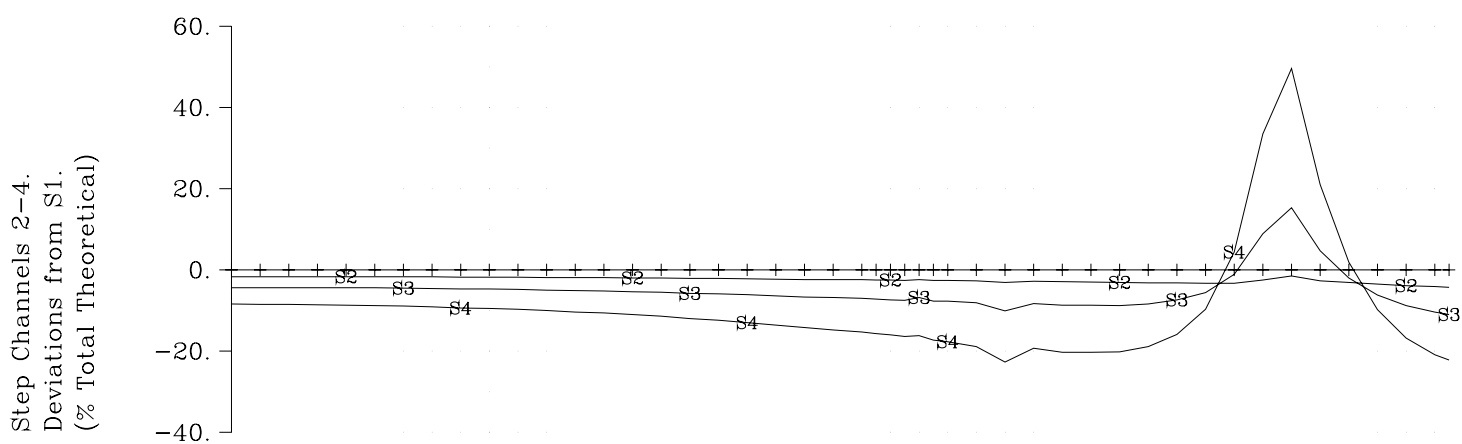
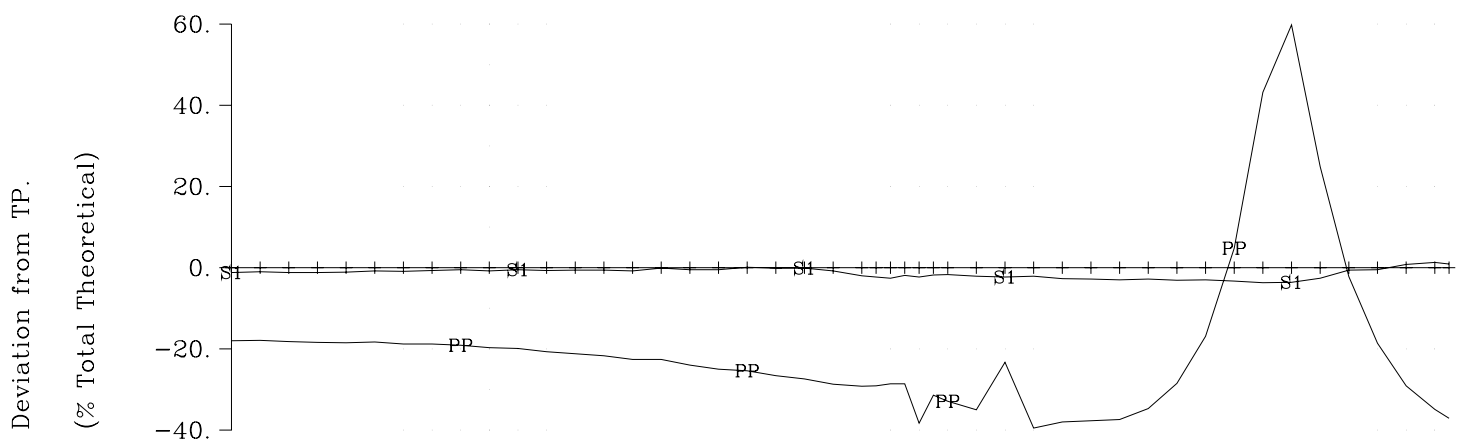
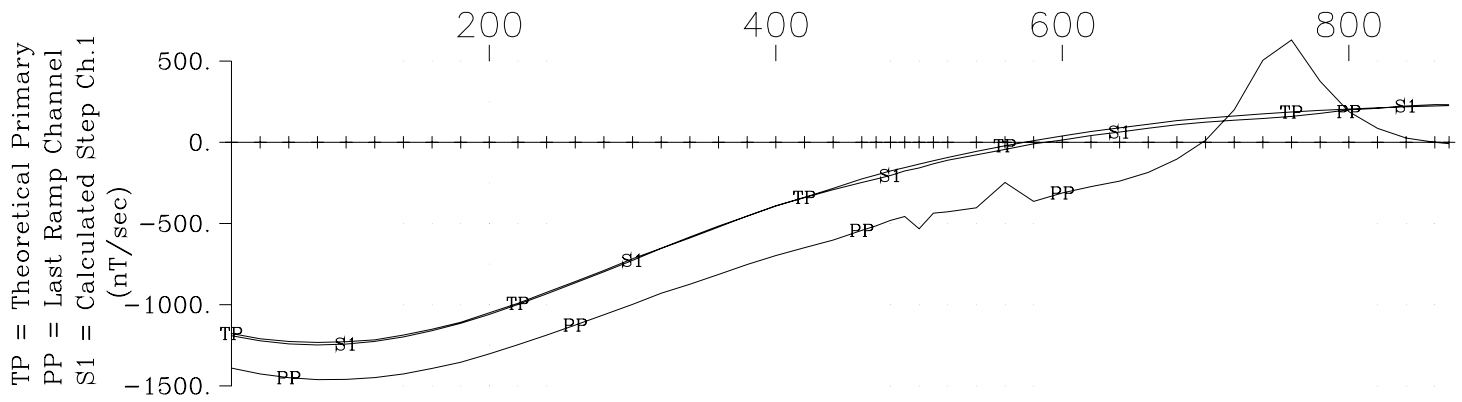
Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



Pulse EM Off-time
Channels 17-22
(nT/sec)

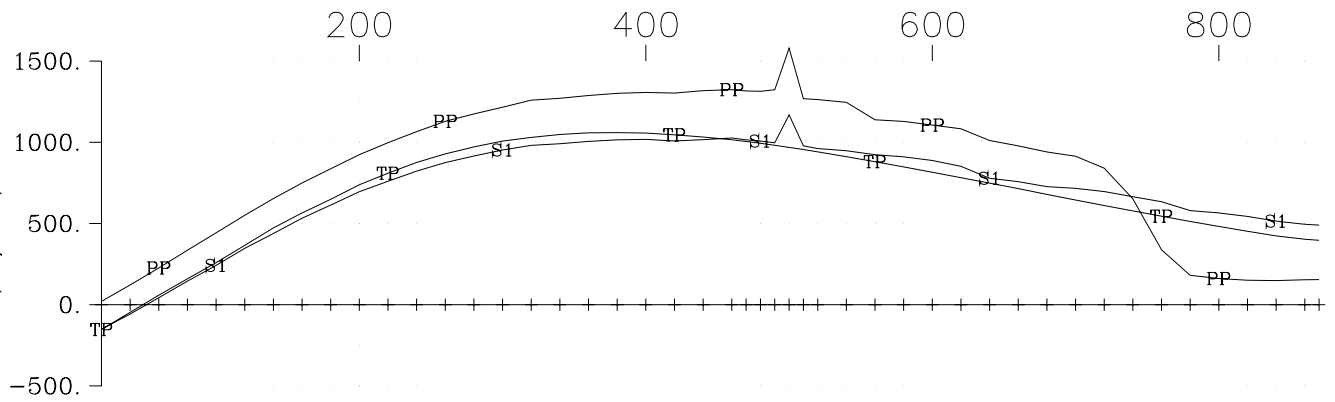


Rio Tinto Exploration Crystal Lake
Loop CL_2014_N1, Hole 14-CL-0001 Y Component
Crone Geophysics & Exploration Ltd.

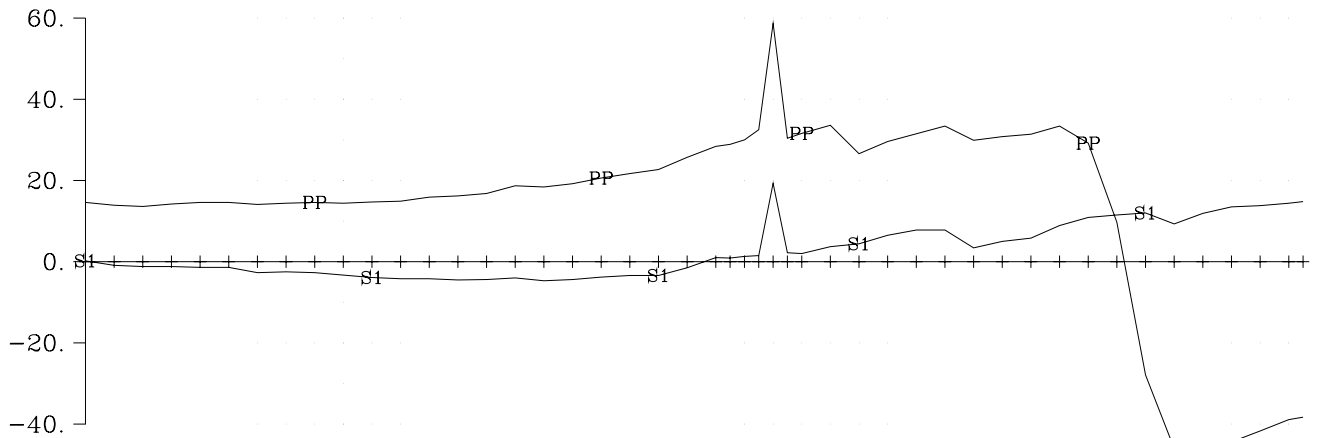


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14-CL-0001 Z Component
 Crone Geophysics & Exploration Ltd.

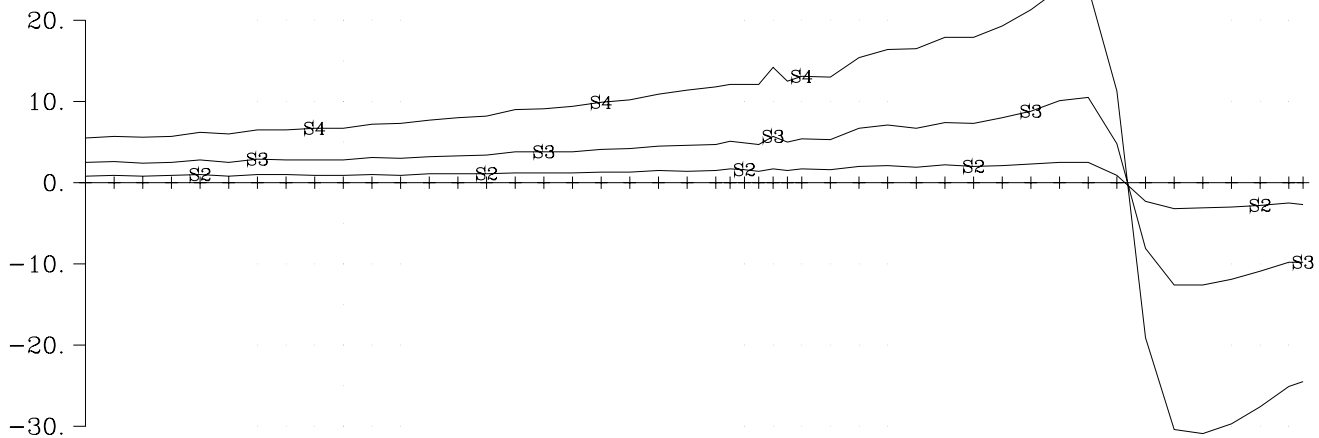
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



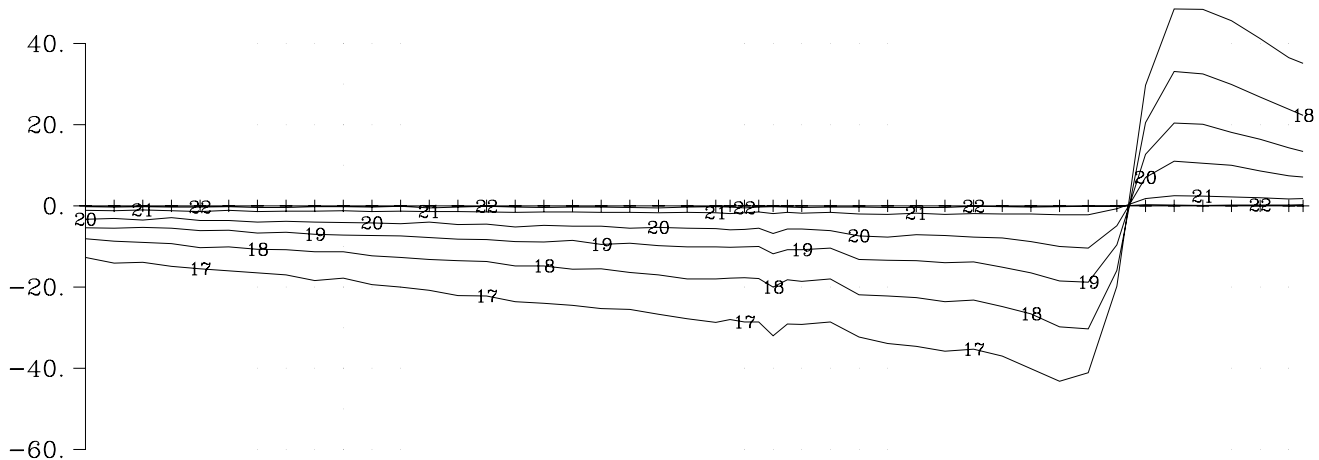
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

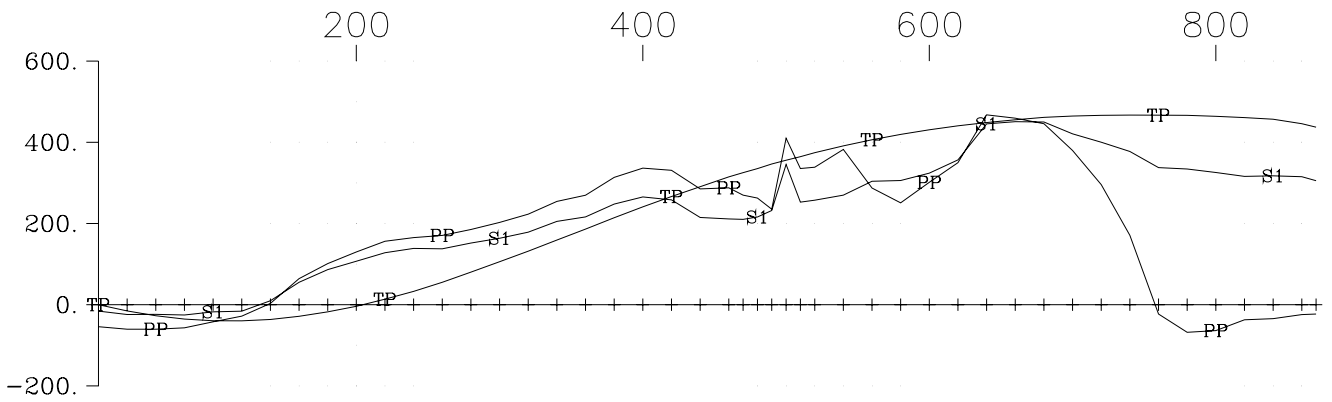


Pulse EM Off-time
 Channels 17-22
 (nT/sec)

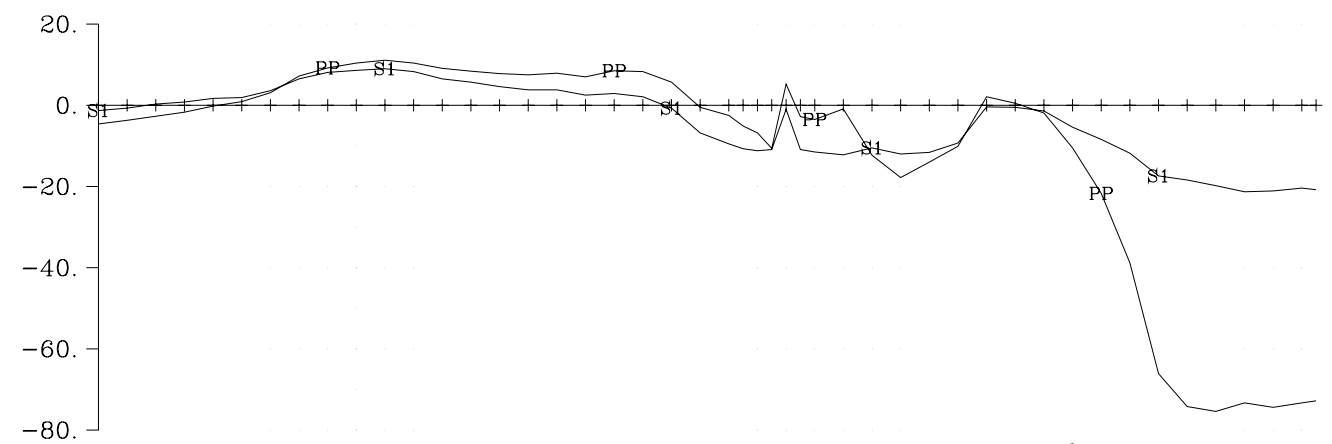


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14-CL-0001 X Component
 Crone Geophysics & Exploration Ltd.

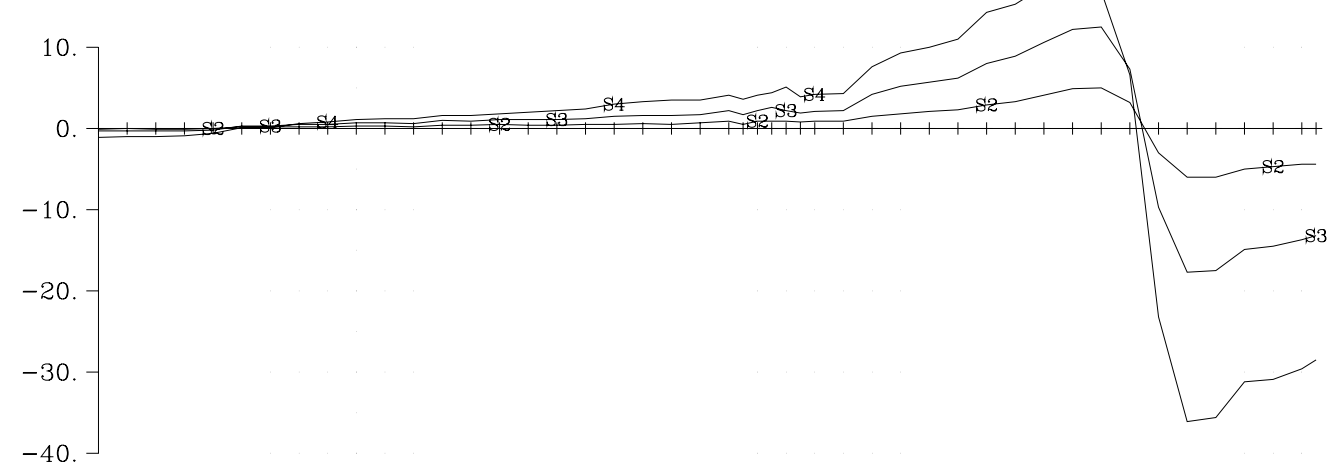
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



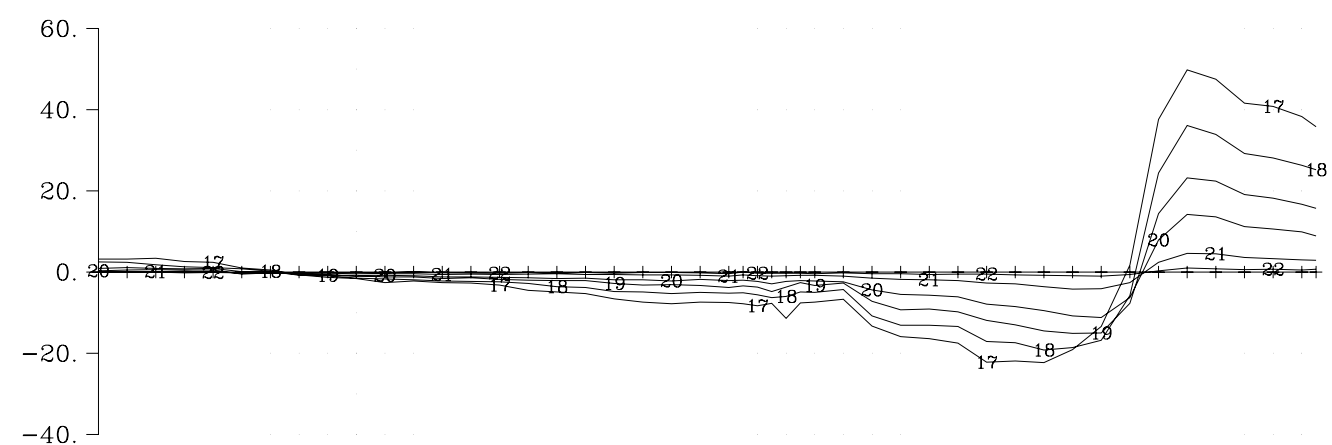
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



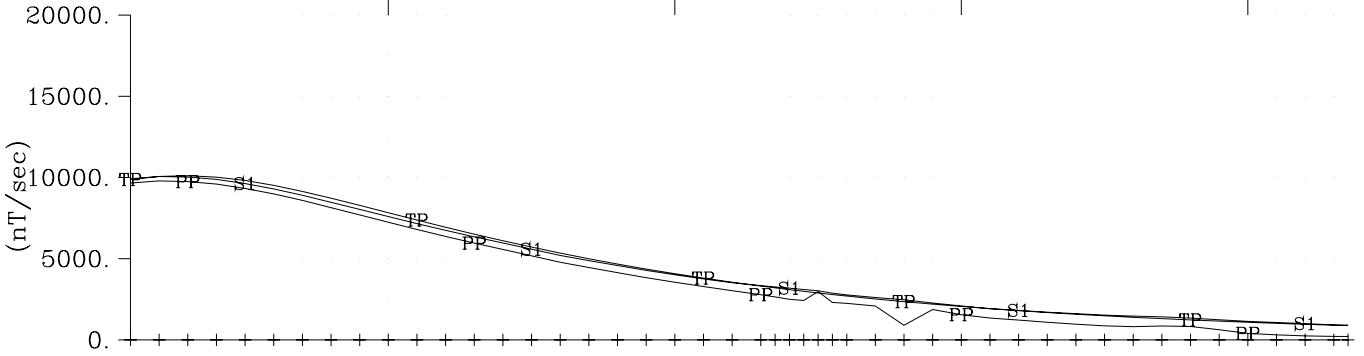
Pulse EM Off-time
 Channels 17-22
 (nT/sec)



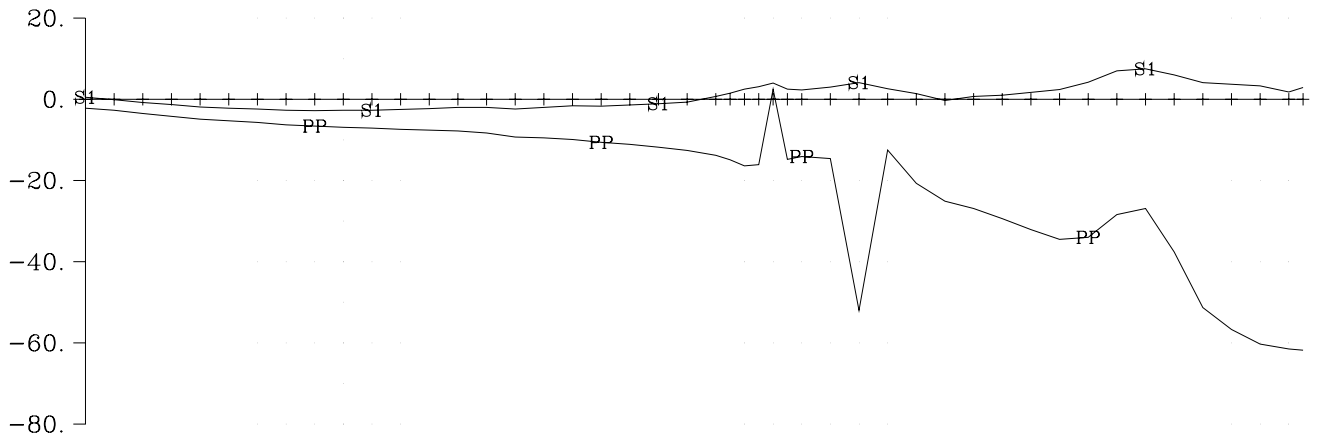
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14-CL-0001 Y Component
 Crone Geophysics & Exploration Ltd.

200 400 600 800

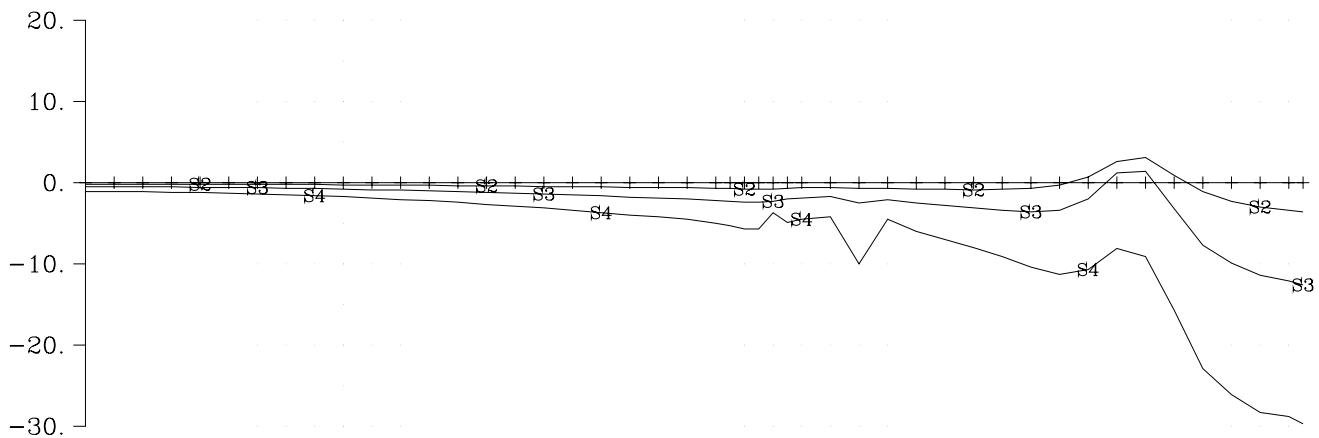
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1



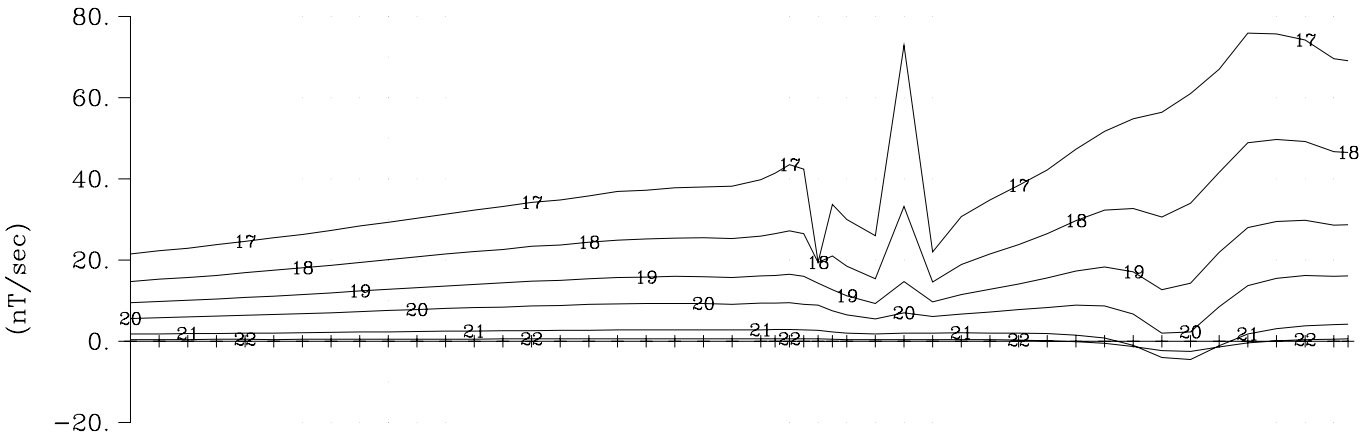
Deviation from TP.
(% Total Theoretical)



Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



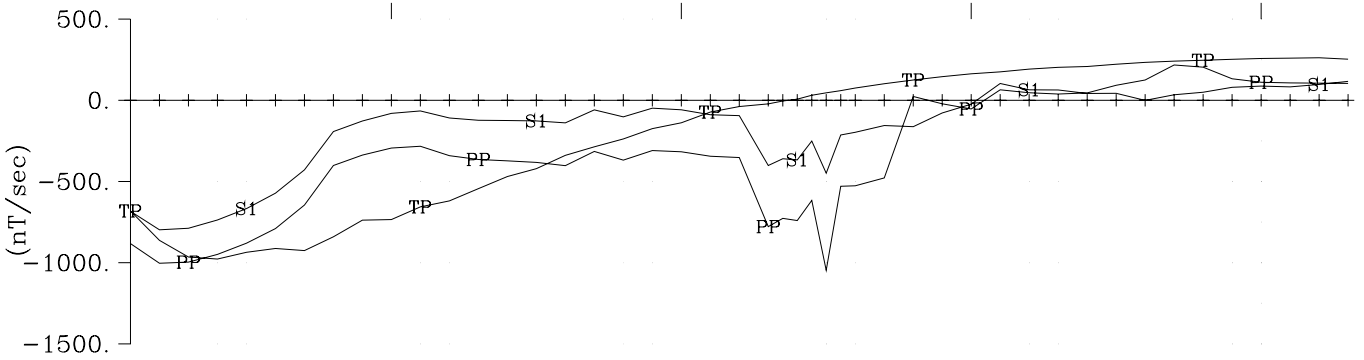
Pulse EM Off-time
Channels 17-22



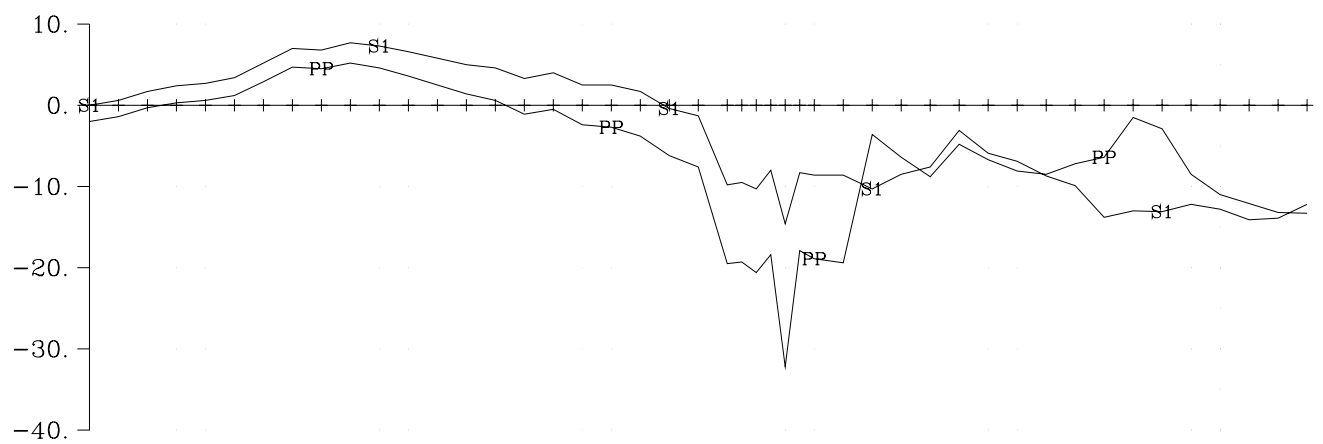
Rio Tinto Exploration Crystal Lake
Loop Figure 8, Hole 14CL0001 Z Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

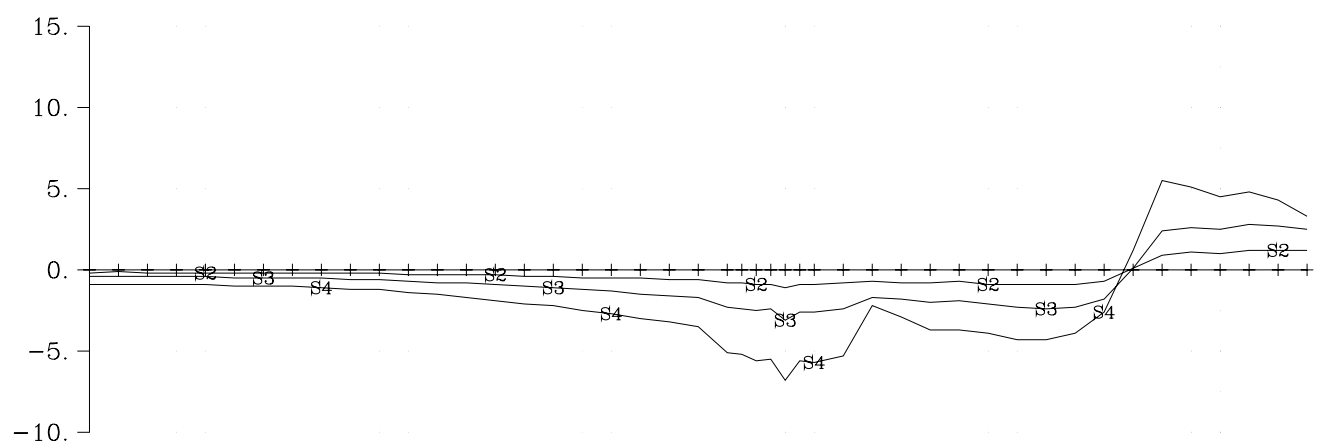
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1



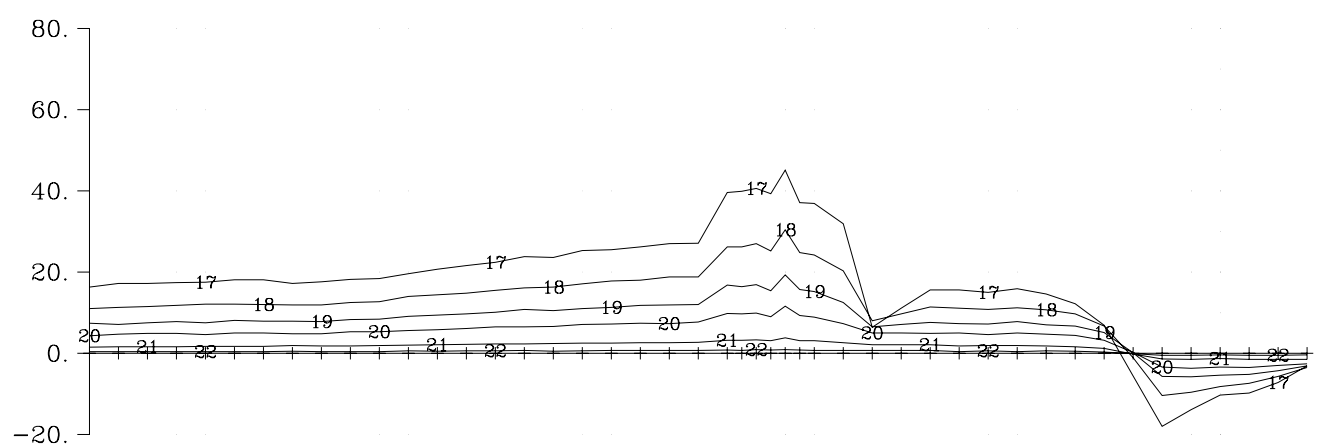
Deviation from TP.
(% Total Theoretical)



Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



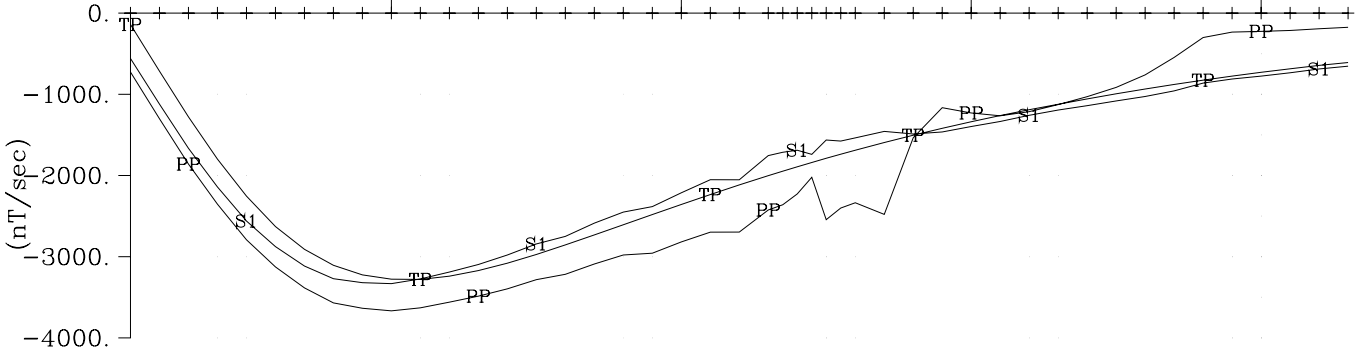
Pulse EM Off-time
Channels 17-22



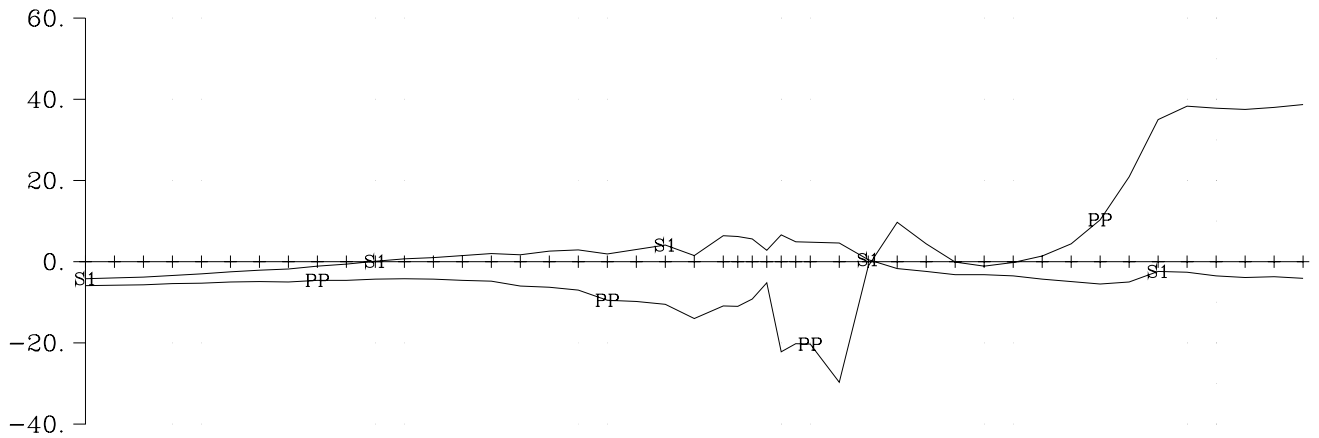
Rio Tinto Exploration Crystal Lake
Loop Figure 8, Hole 14CL0001 X Component
Crone Geophysics & Exploration Ltd.

200 400 600 800

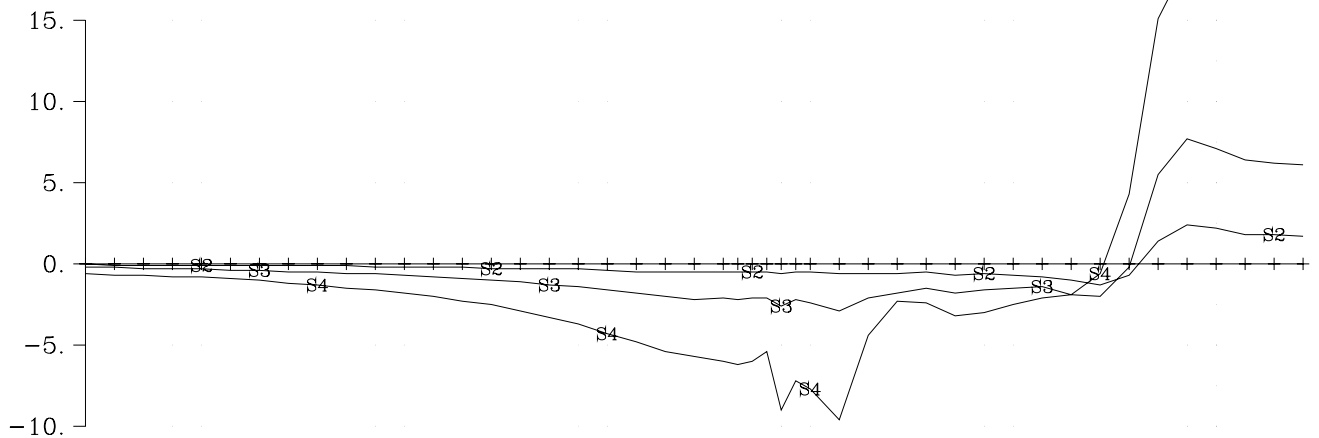
TP = Theoretical Primary
PP = Last Ramp Channel
S1 = Calculated Step Ch.1



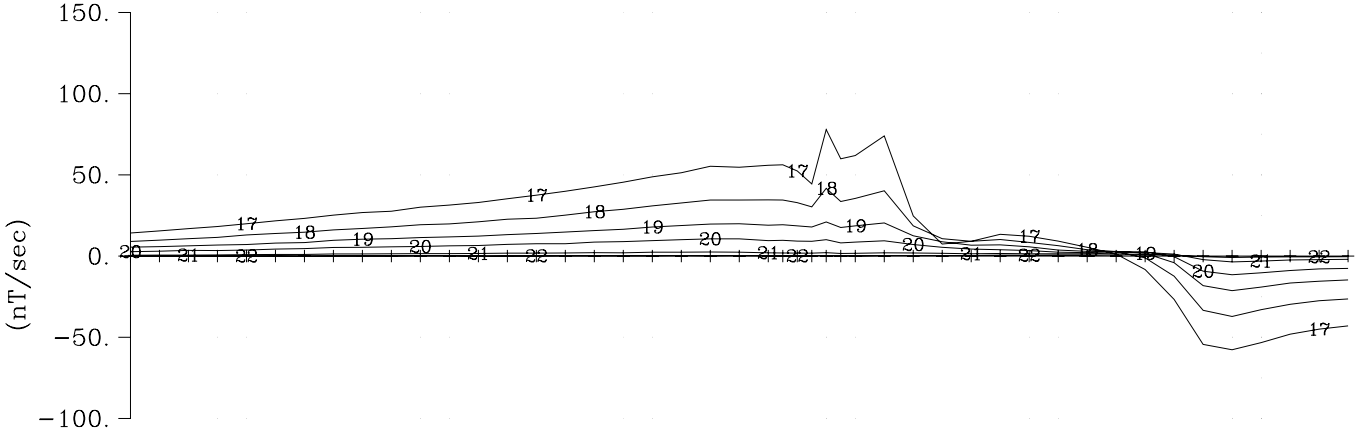
Deviation from TP.
(% Total Theoretical)



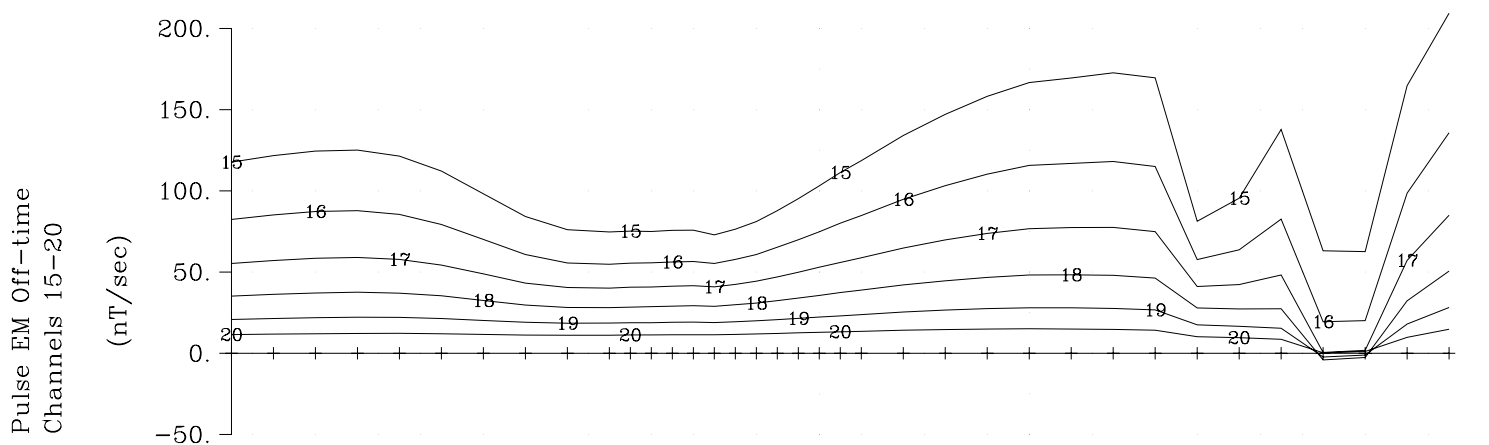
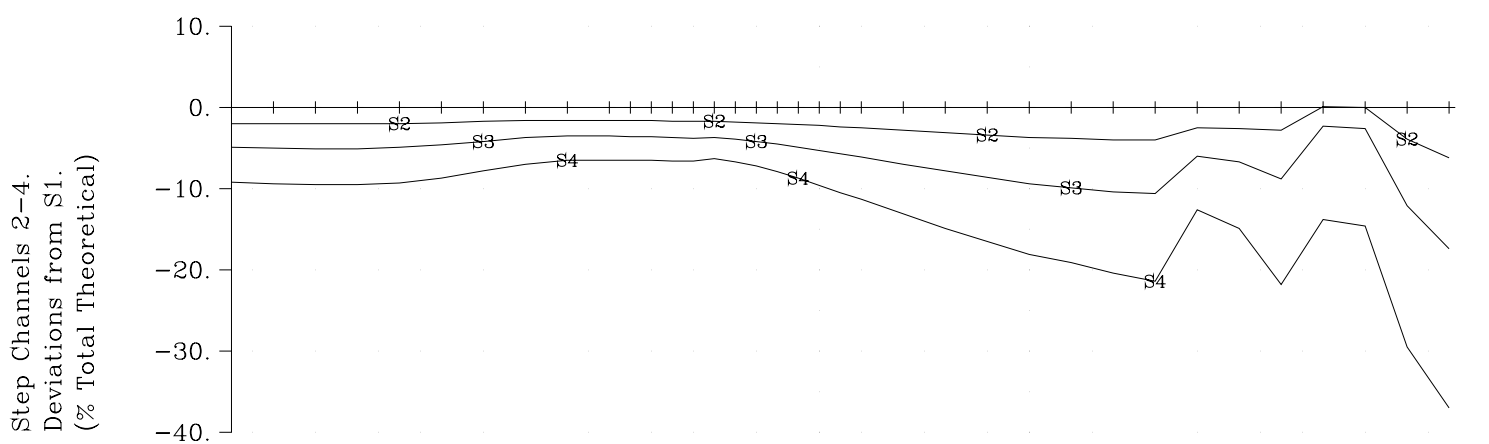
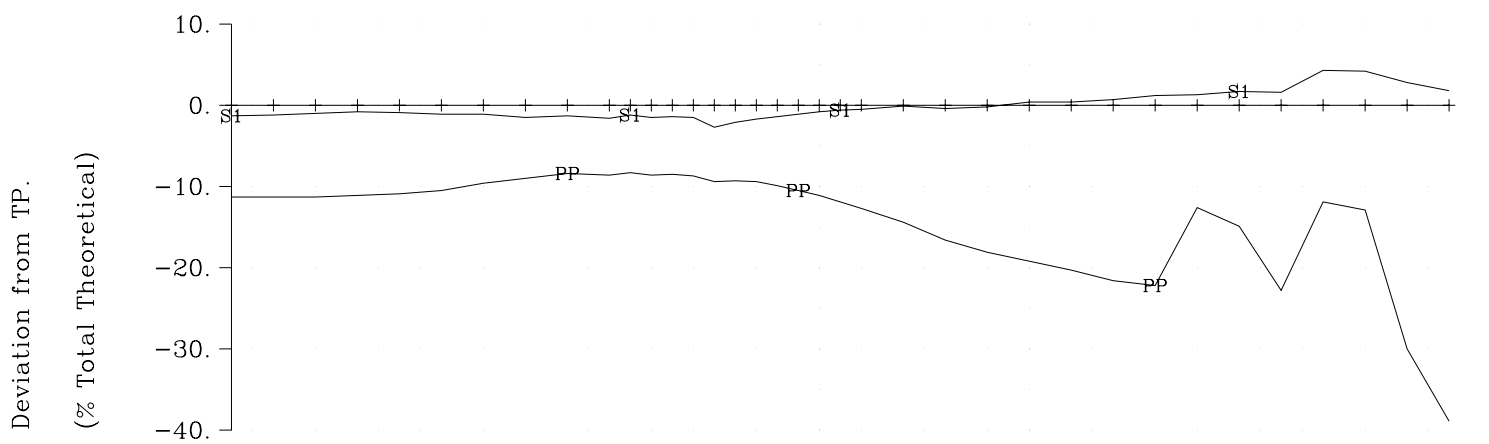
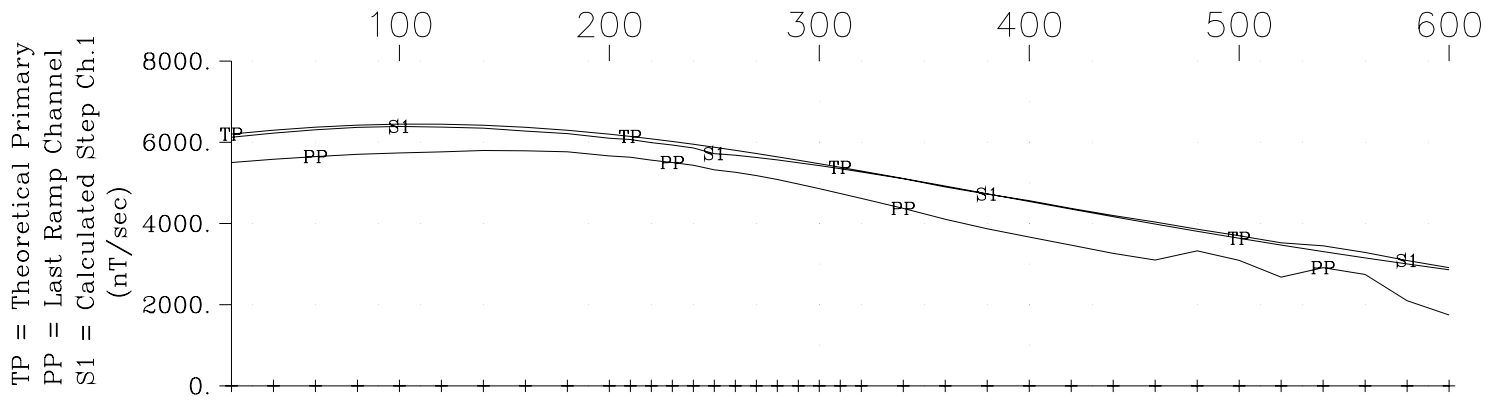
Step Channels 2-4.
Deviations from S1.
(% Total Theoretical)



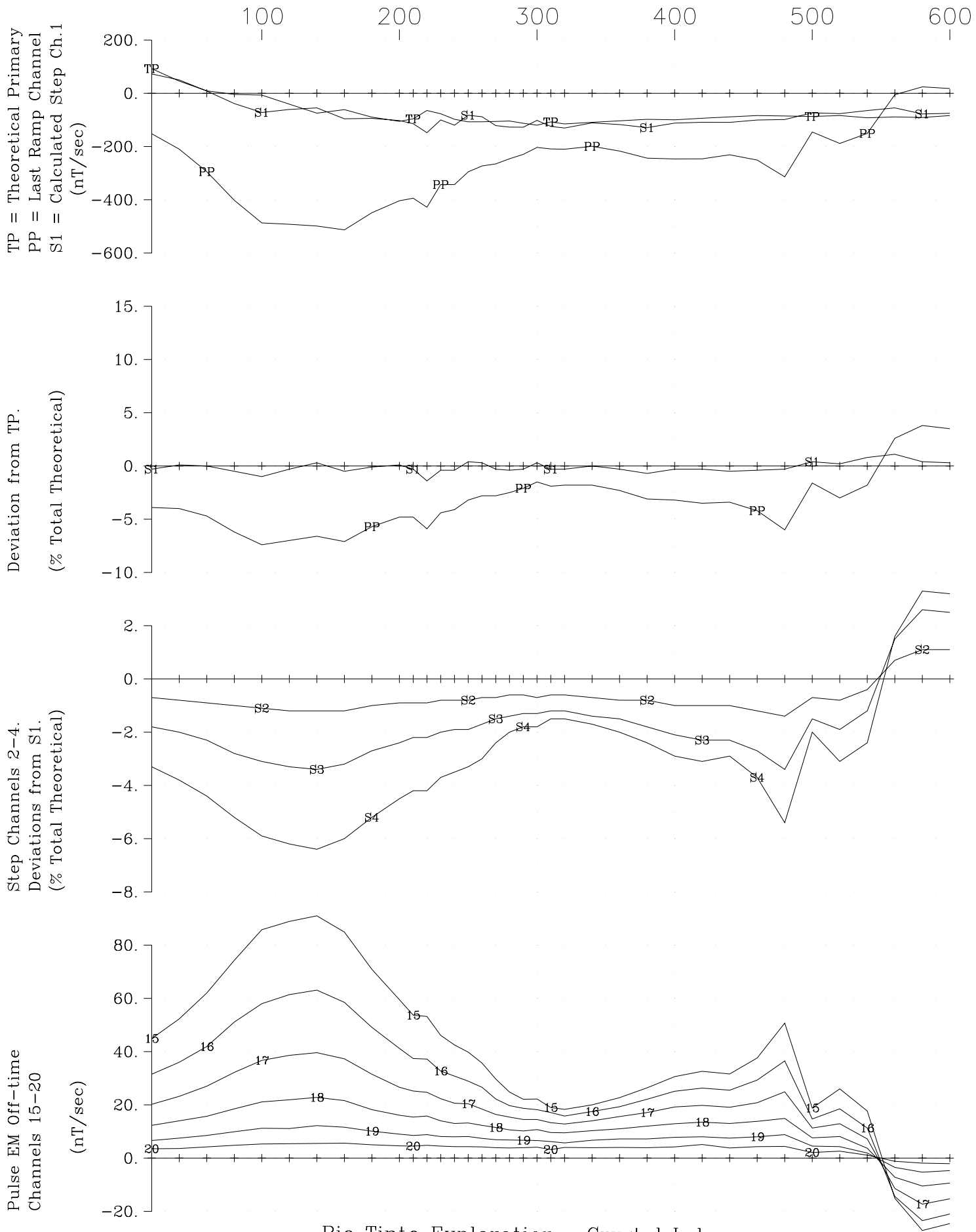
Pulse EM Off-time
Channels 17-22



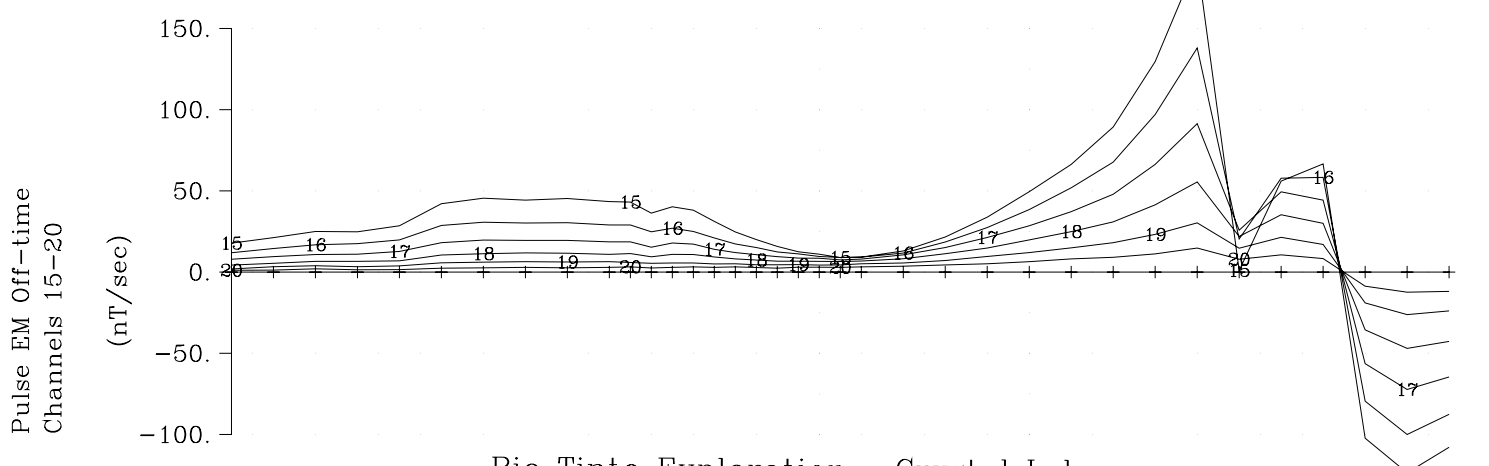
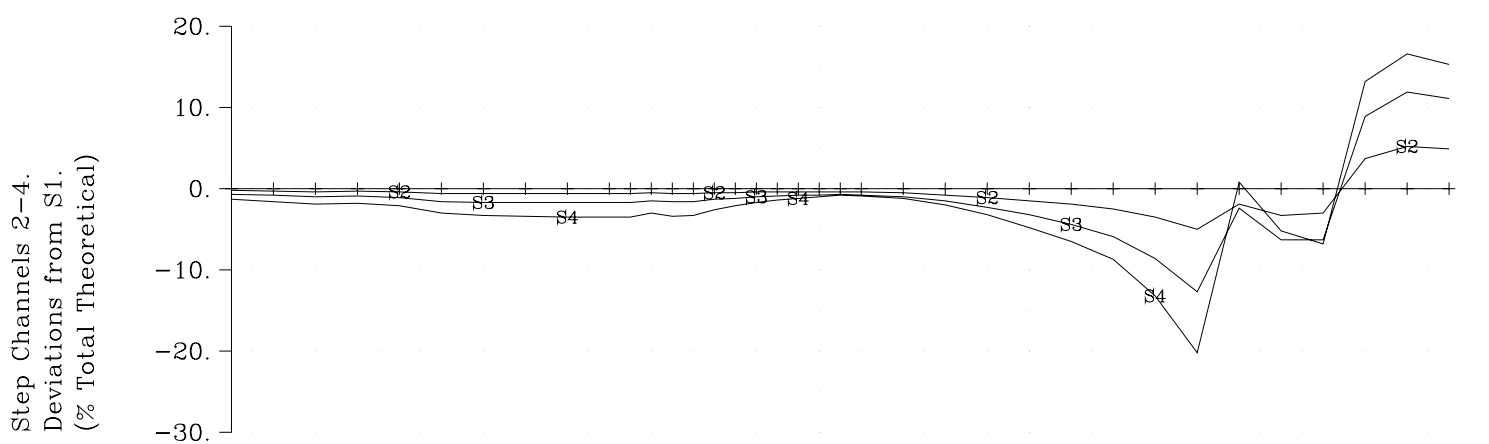
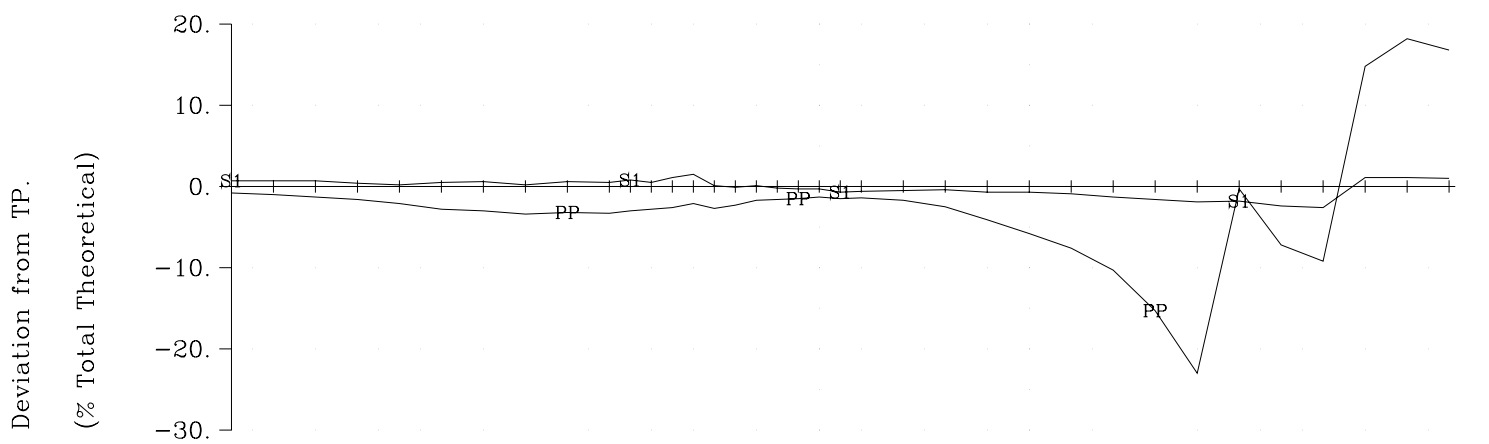
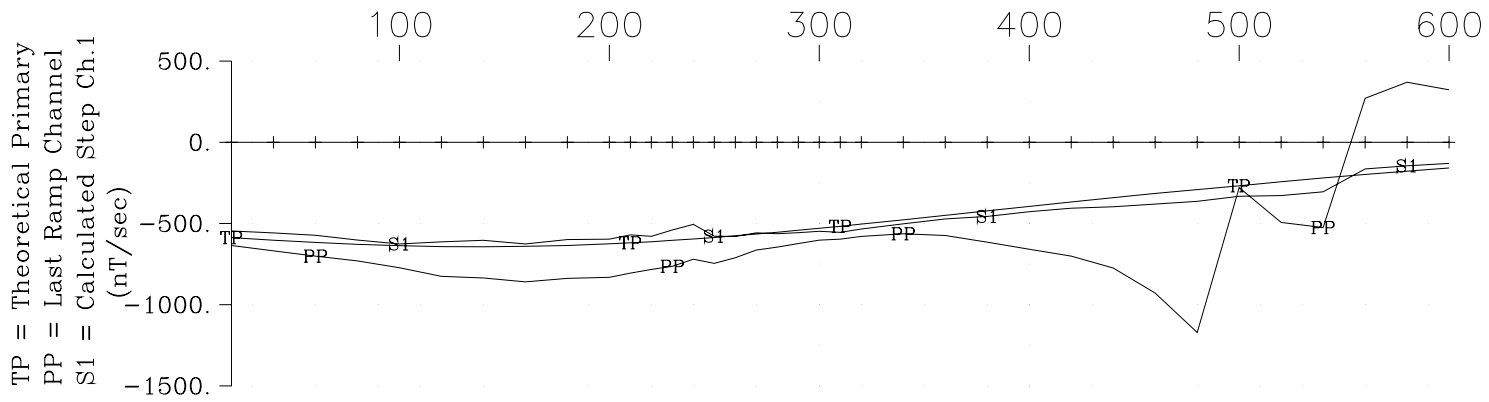
Rio Tinto Exploration Crystal Lake
Loop Figure 8, Hole 14CL0001 Y Component
Crone Geophysics & Exploration Ltd.



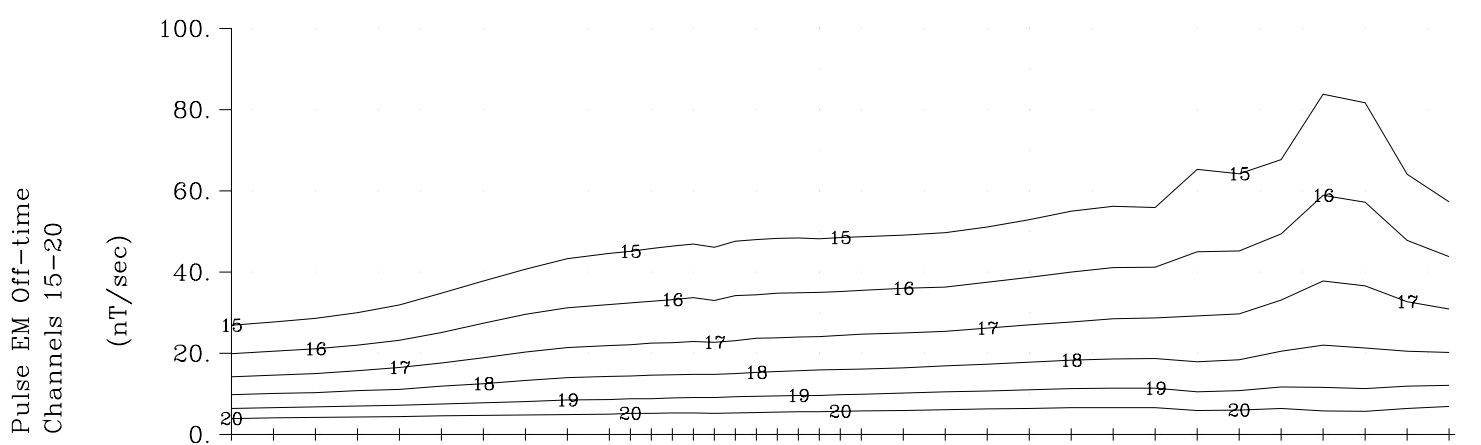
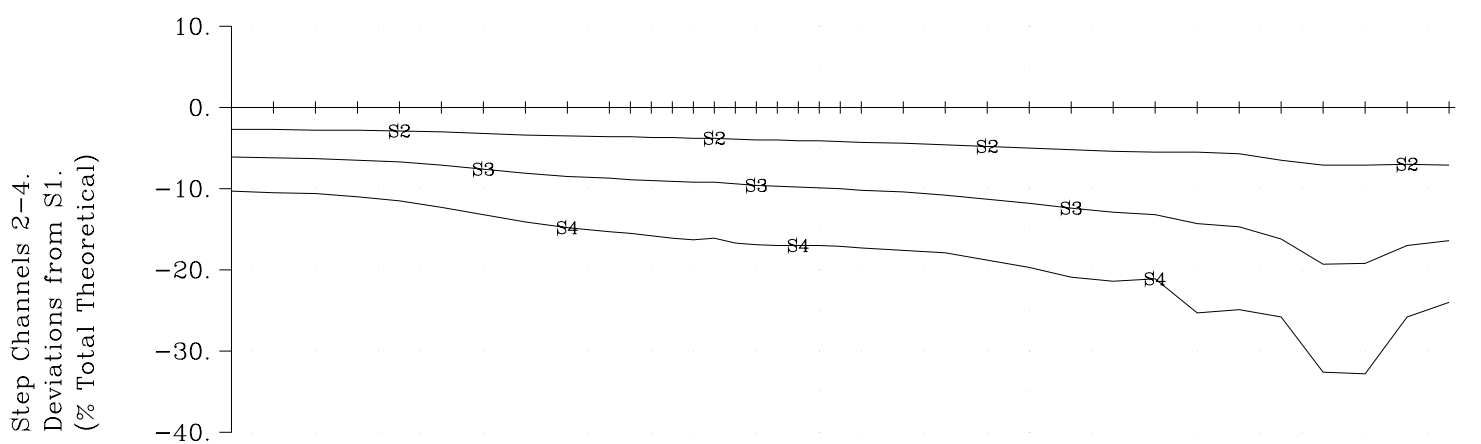
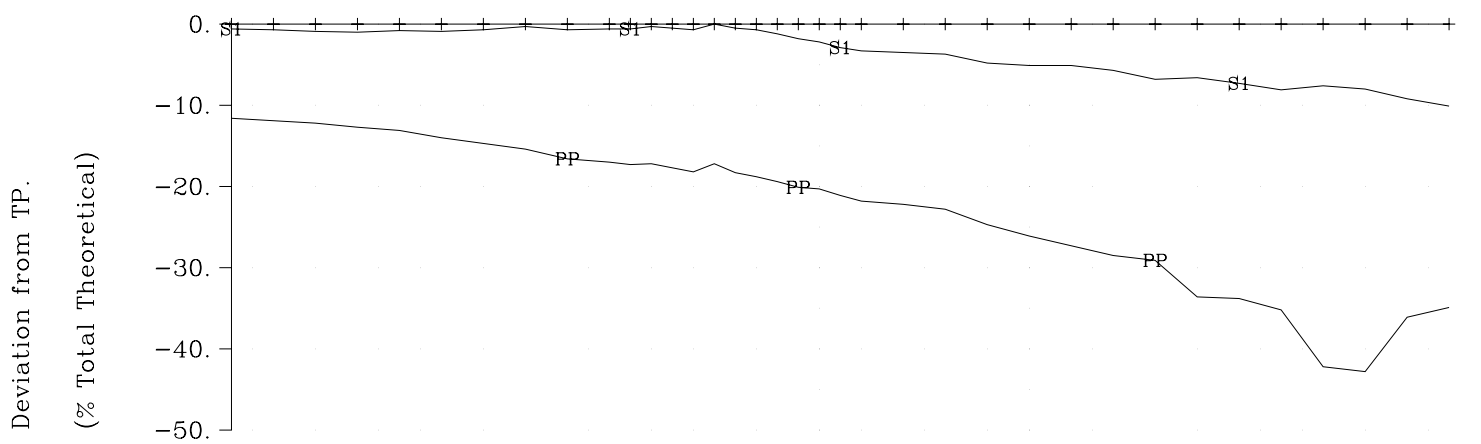
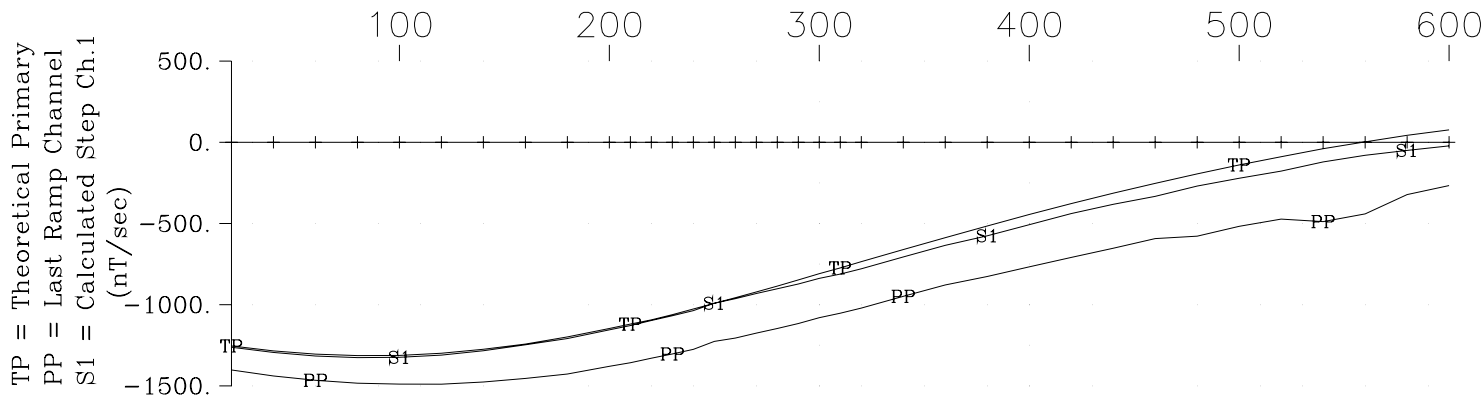
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL0002 Z Component
 Crone Geophysics & Exploration Ltd.



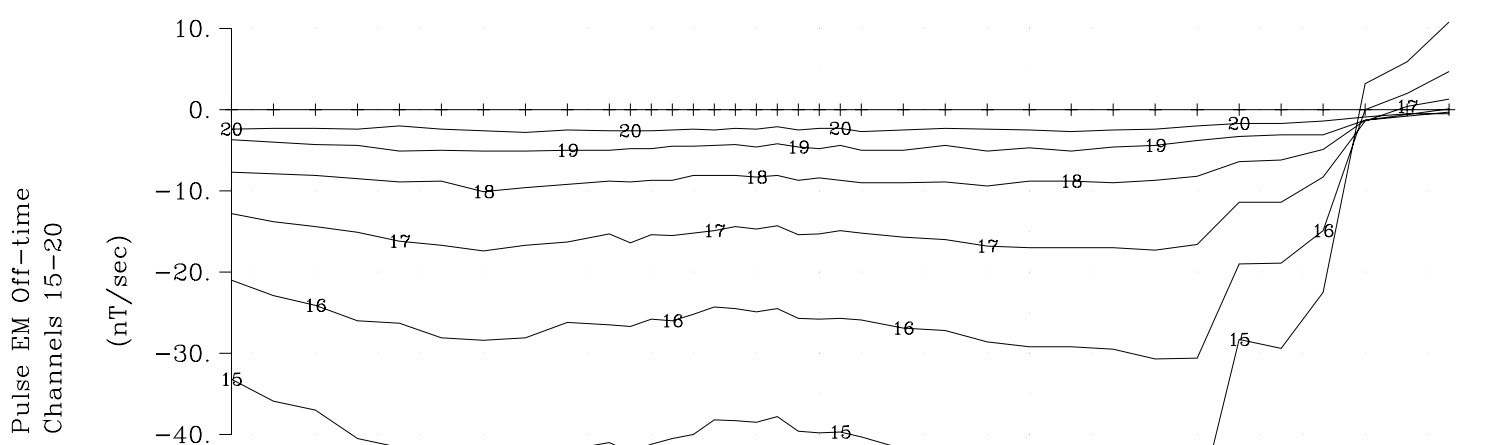
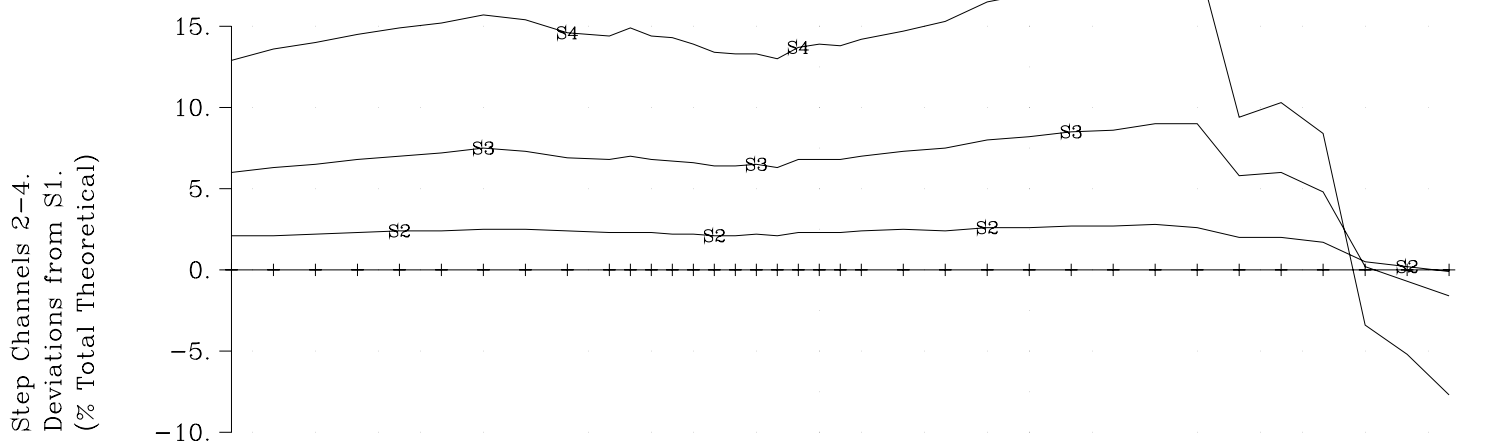
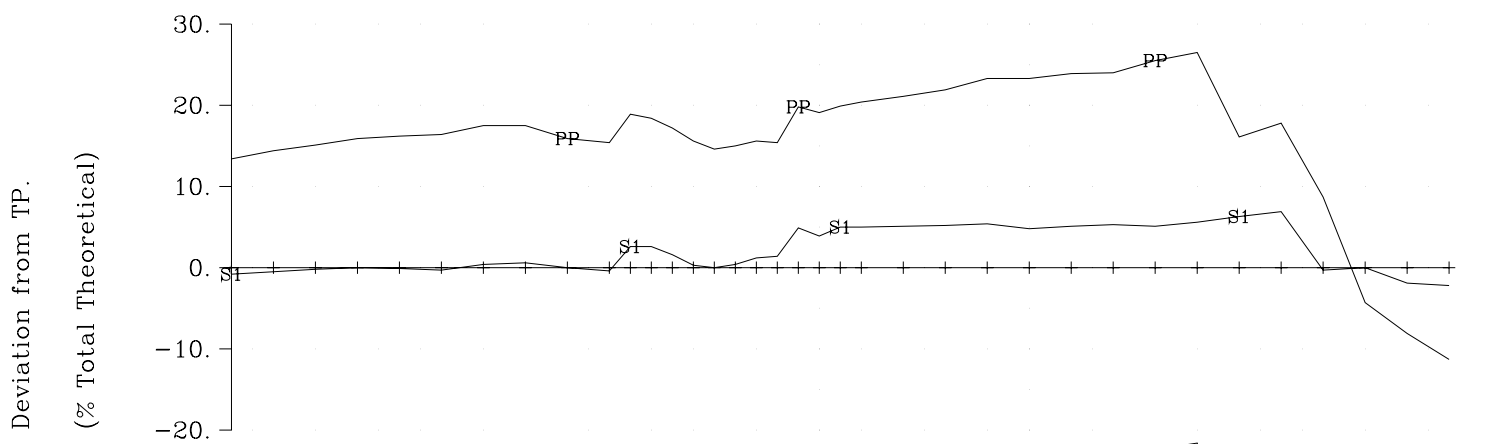
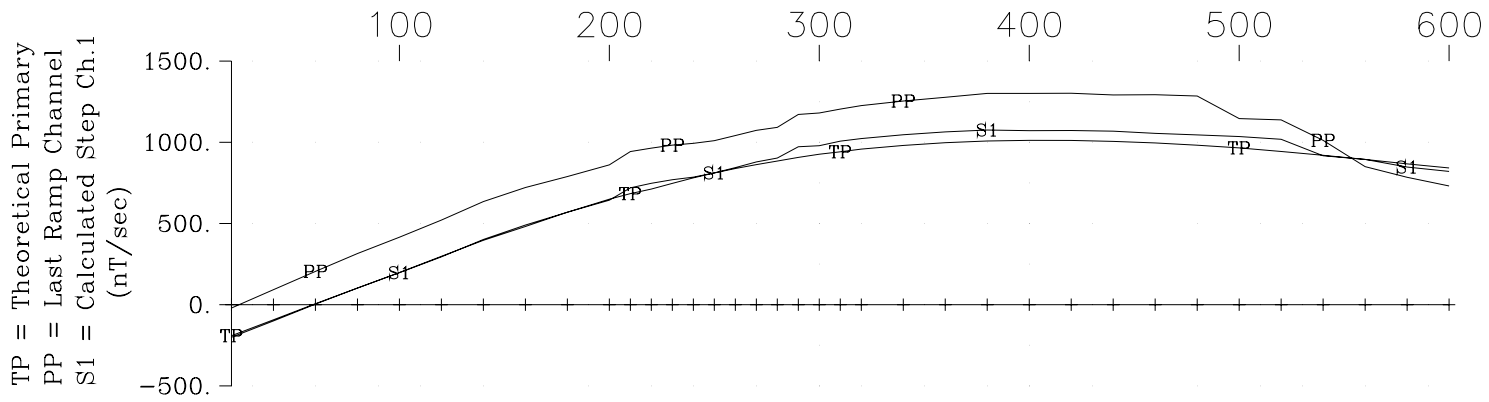
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL0002 X Component
 Crone Geophysics & Exploration Ltd.



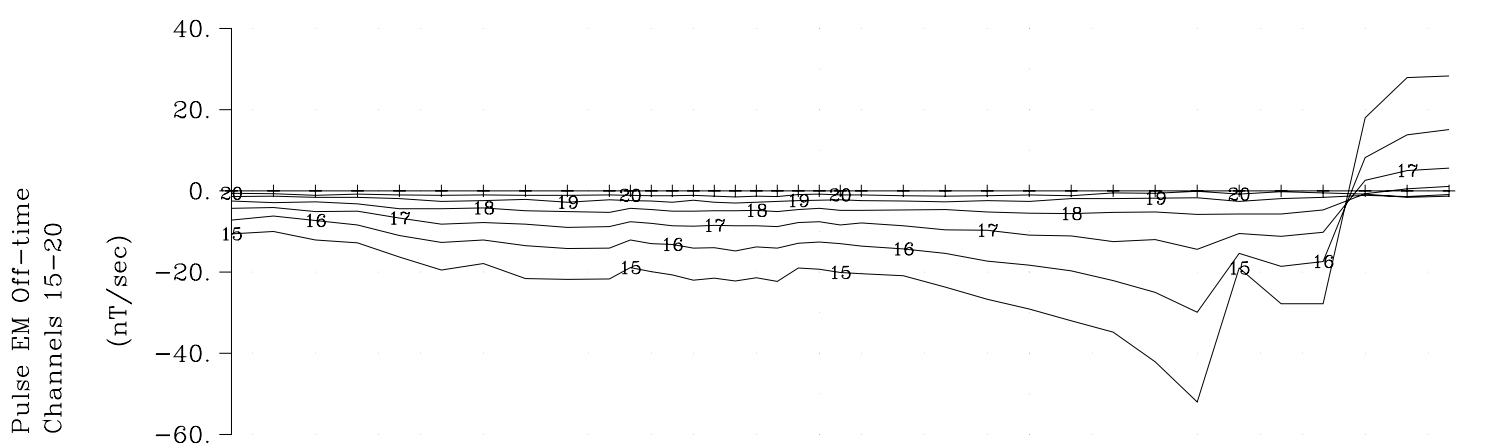
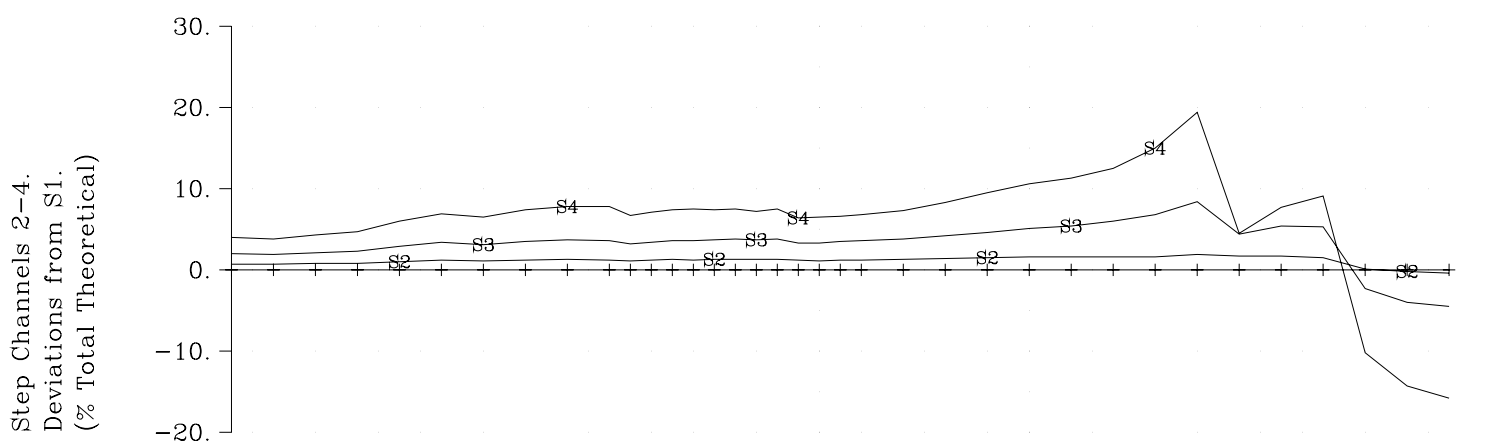
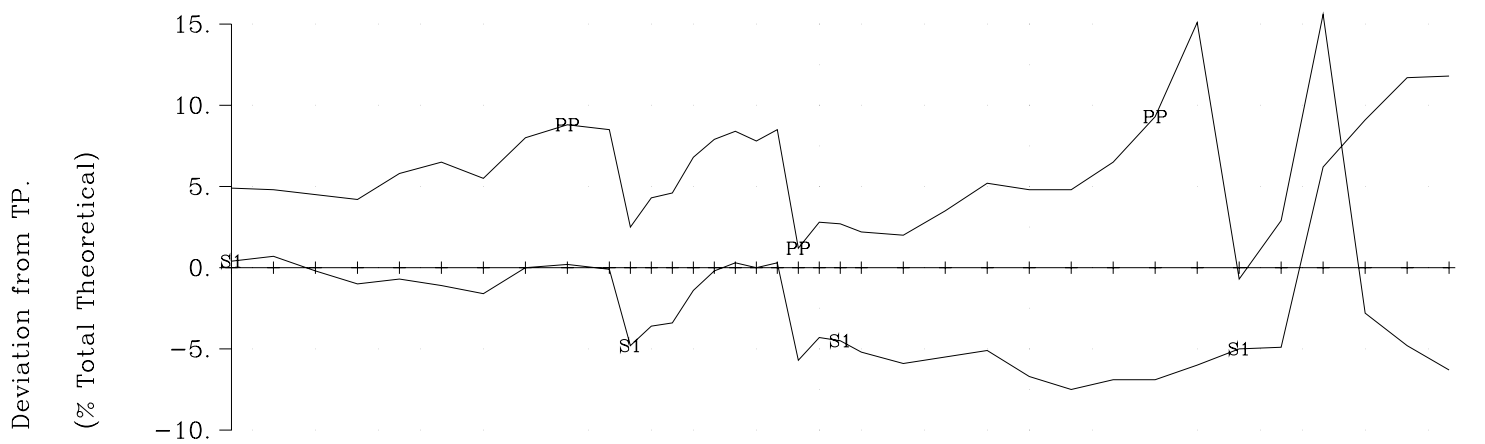
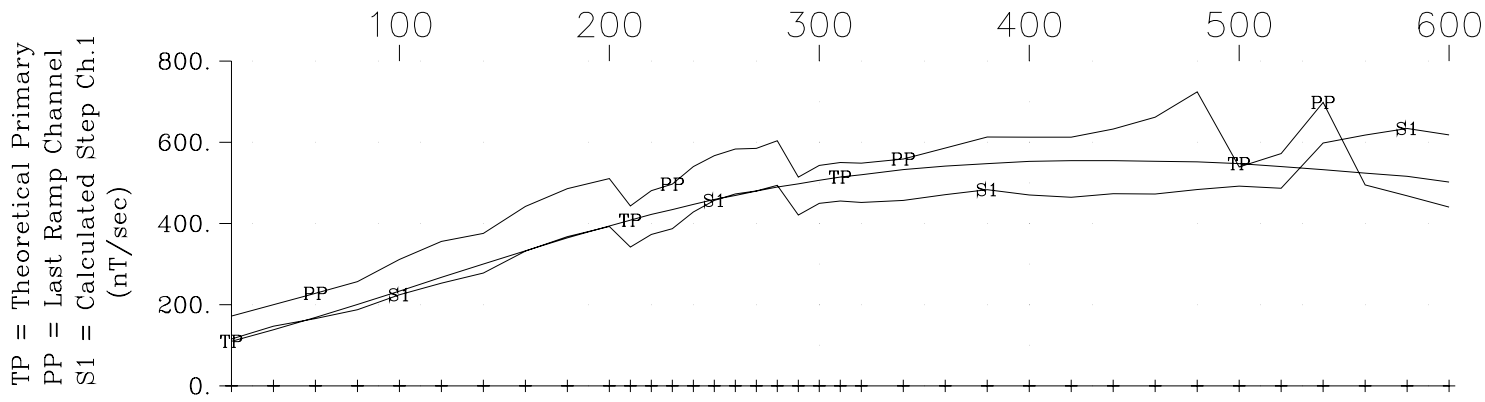
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 14CL0002 Y Component
 Crone Geophysics & Exploration Ltd.



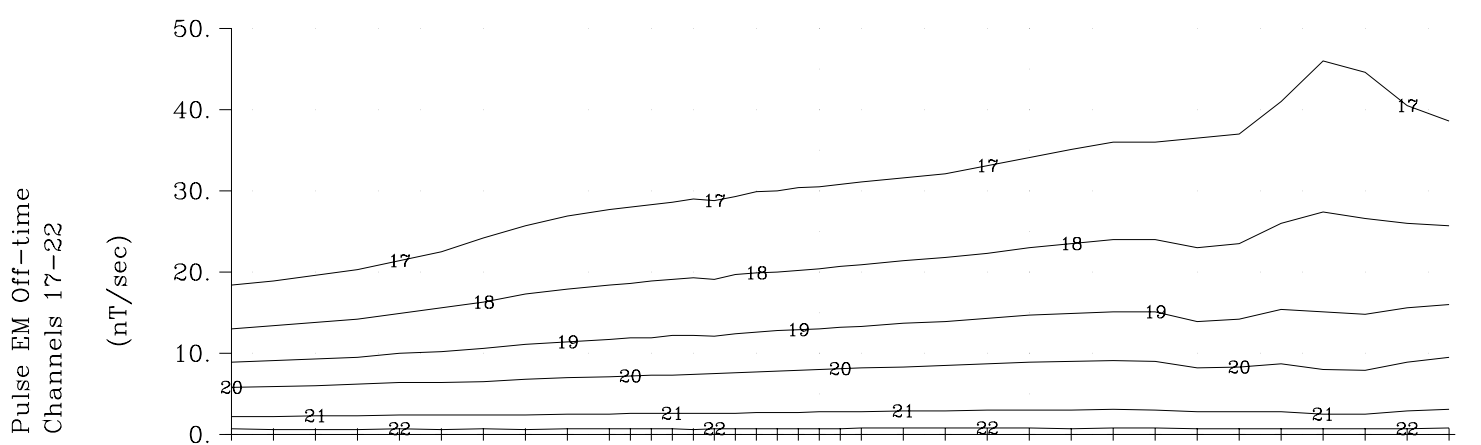
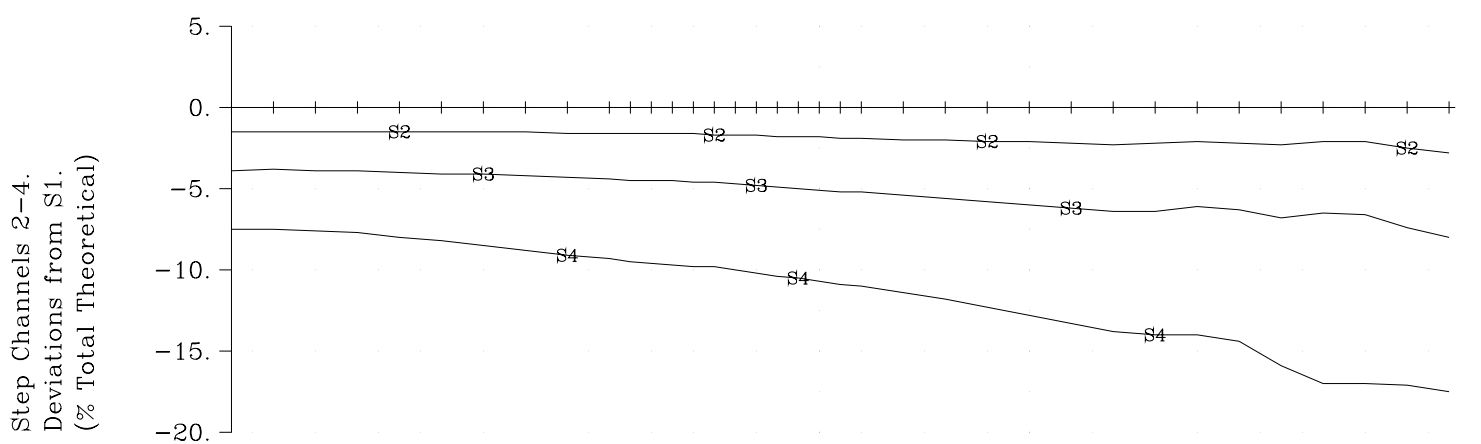
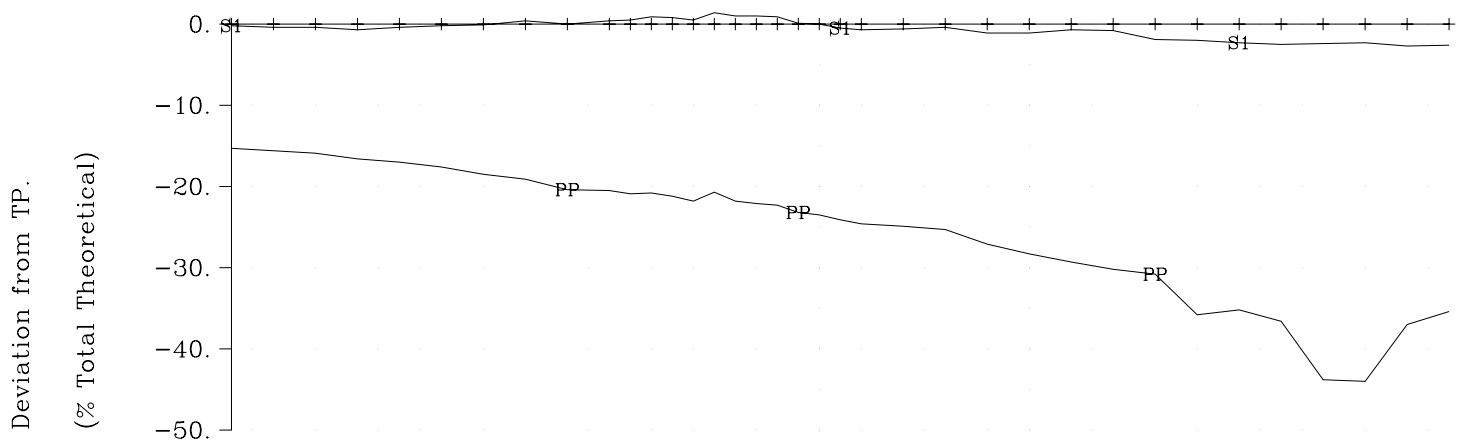
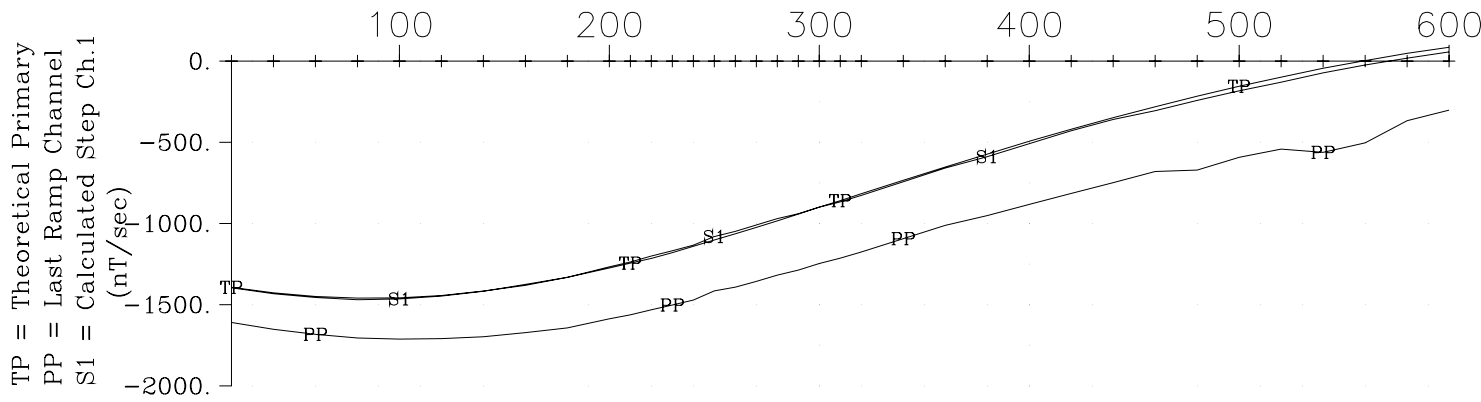
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Z Component
 Crone Geophysics & Exploration Ltd.



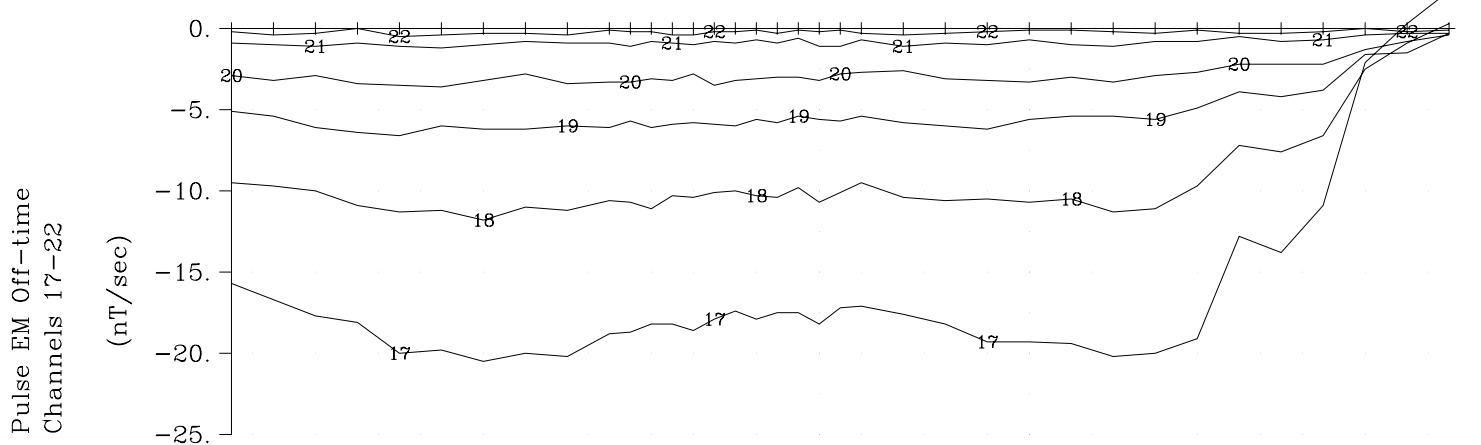
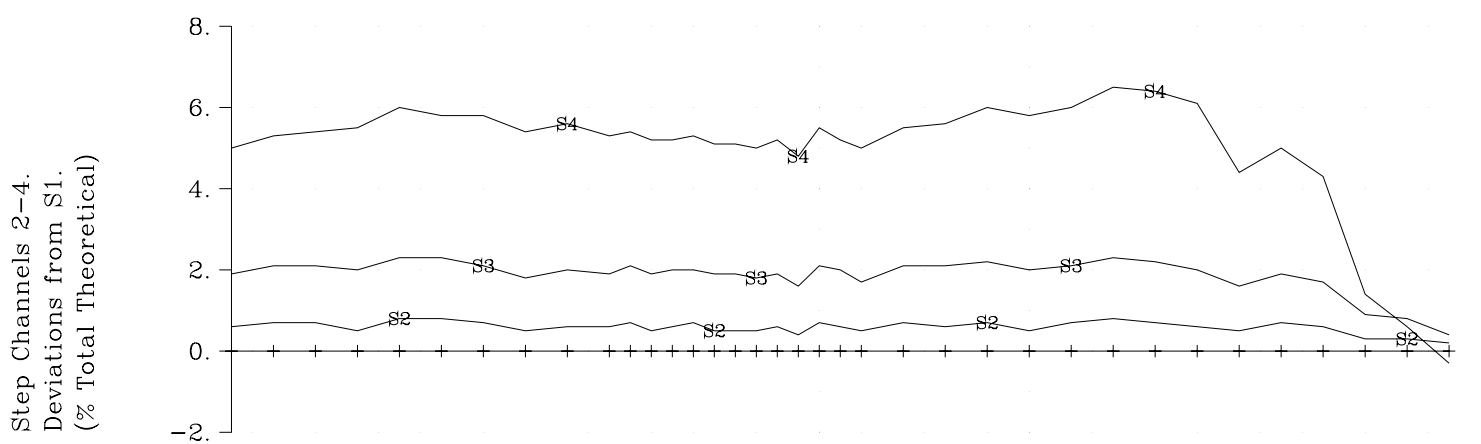
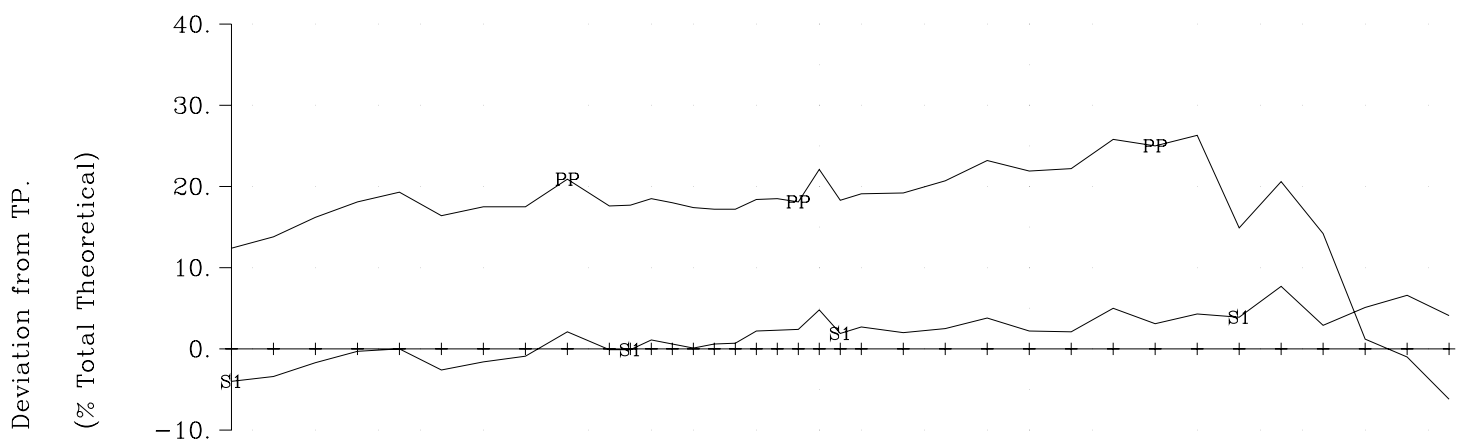
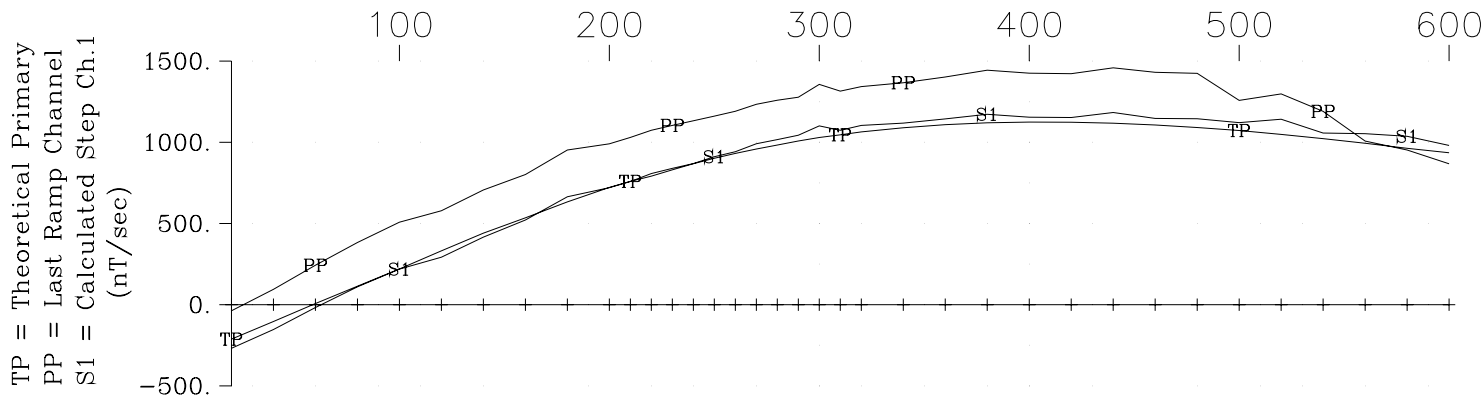
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 X Component
 Crone Geophysics & Exploration Ltd.



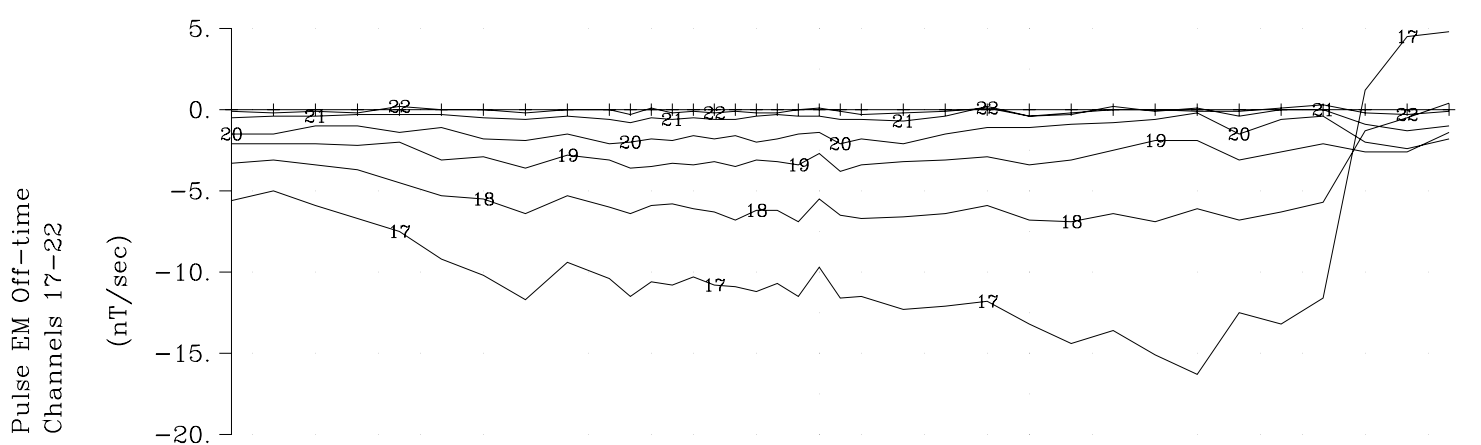
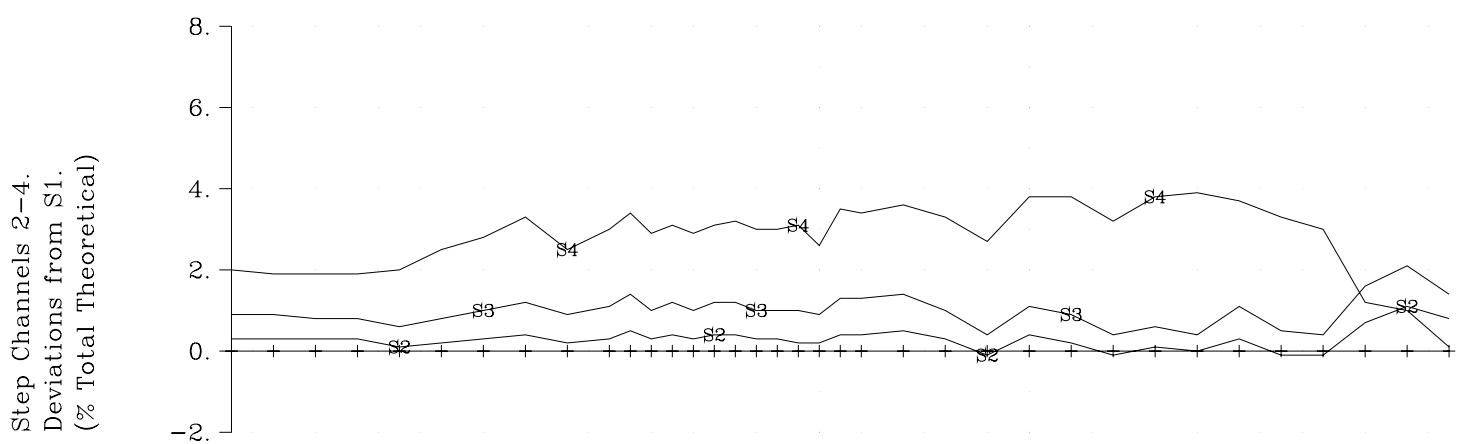
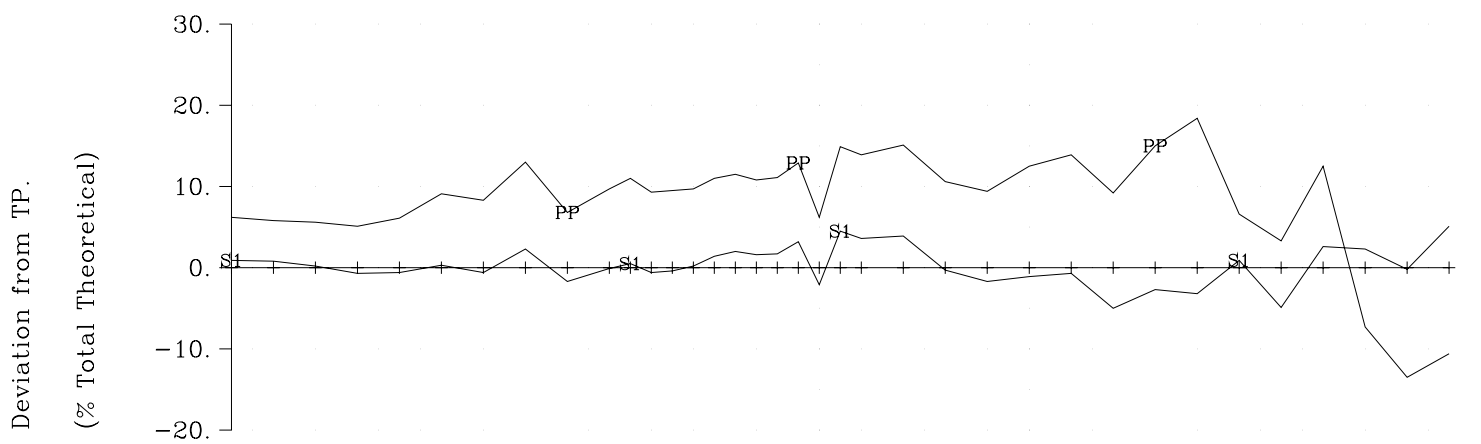
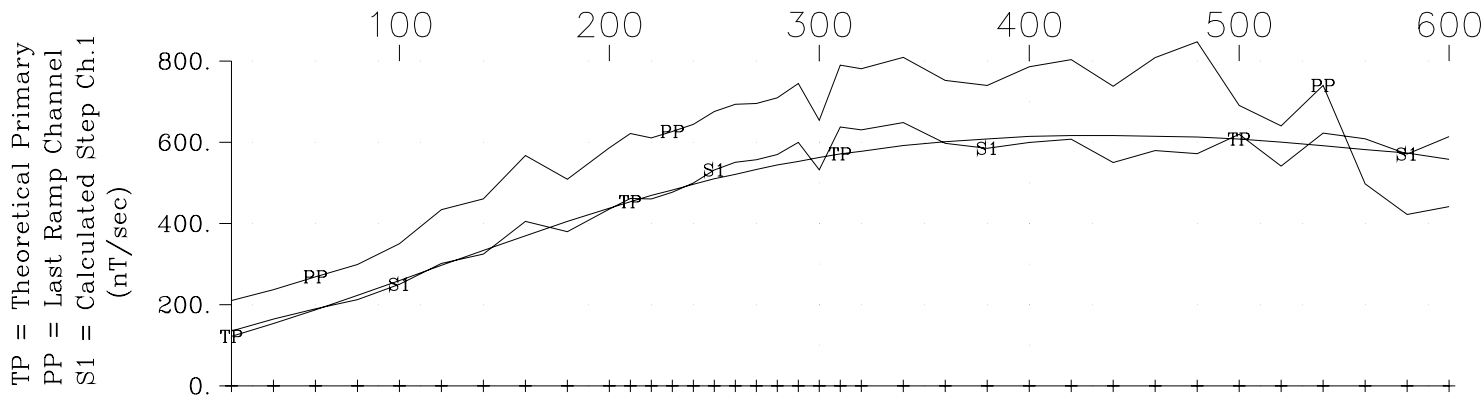
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Z Component
 Crone Geophysics & Exploration Ltd.

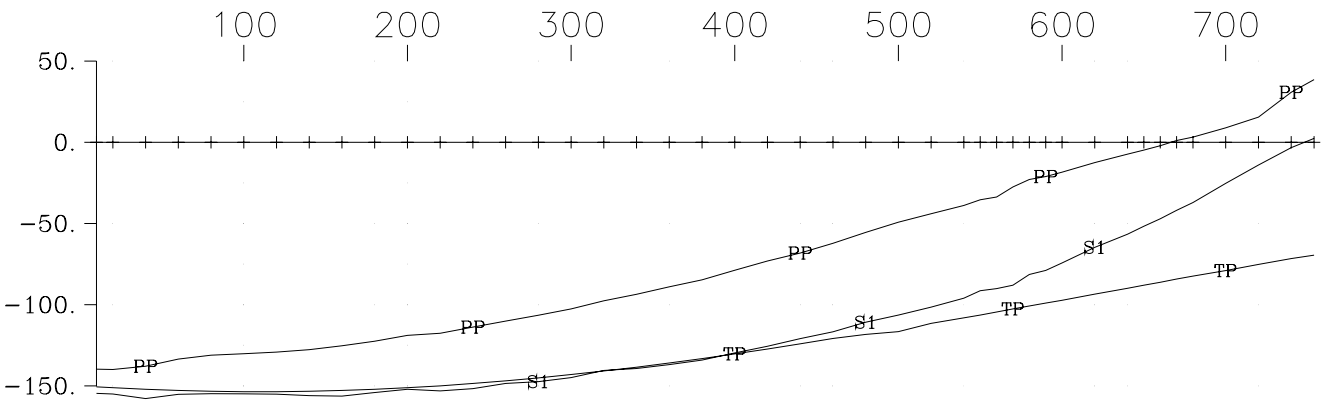


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 X Component
 Crone Geophysics & Exploration Ltd.

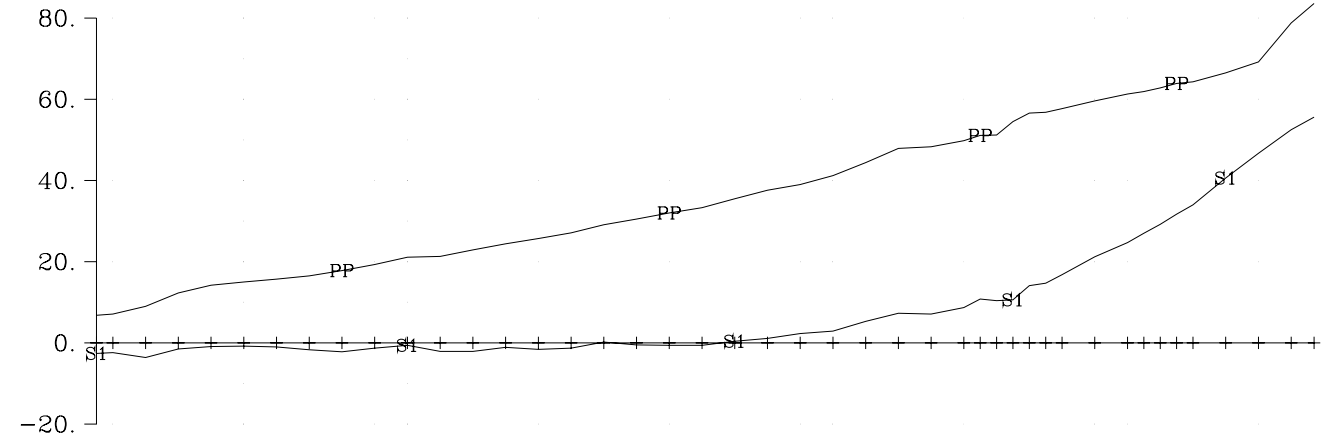


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0002 Y Component
 Crone Geophysics & Exploration Ltd.

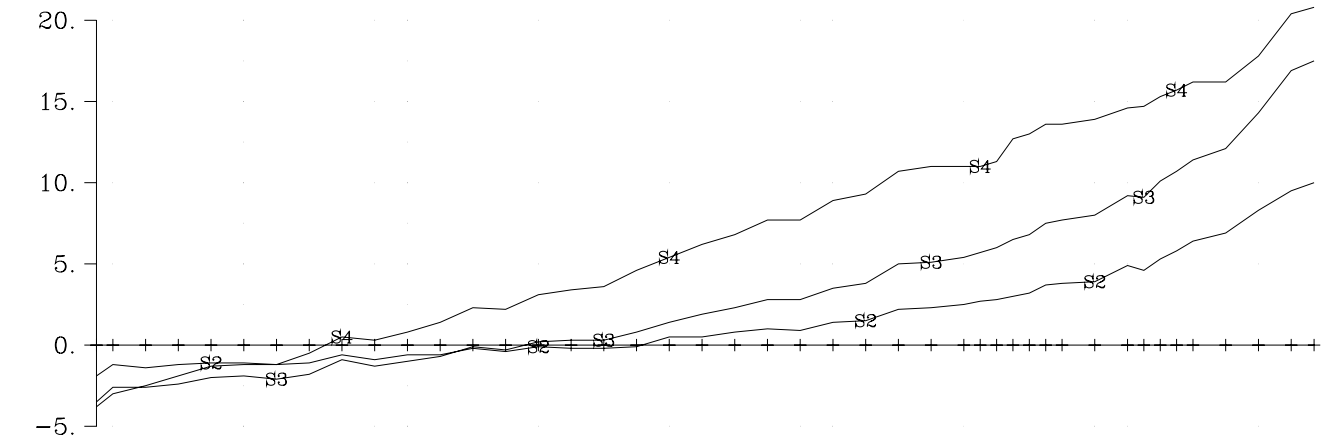
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



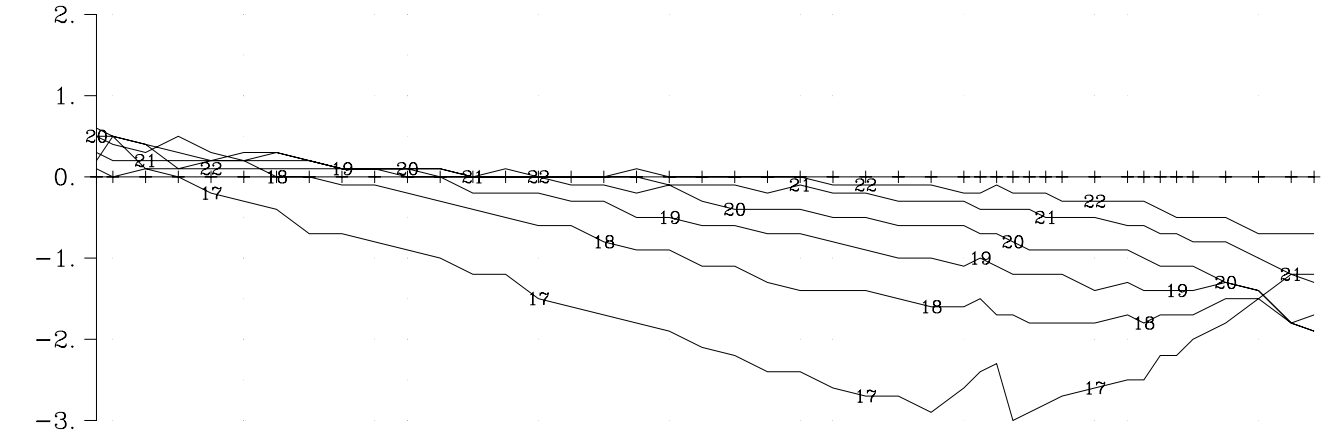
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

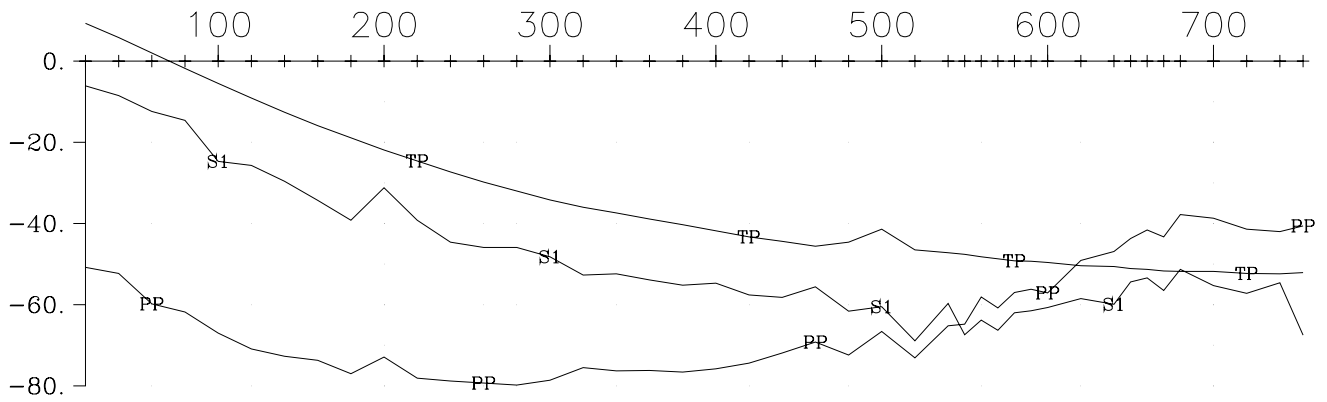


Pulse EM Off-time
 Channels 17-22
 (nT/sec)

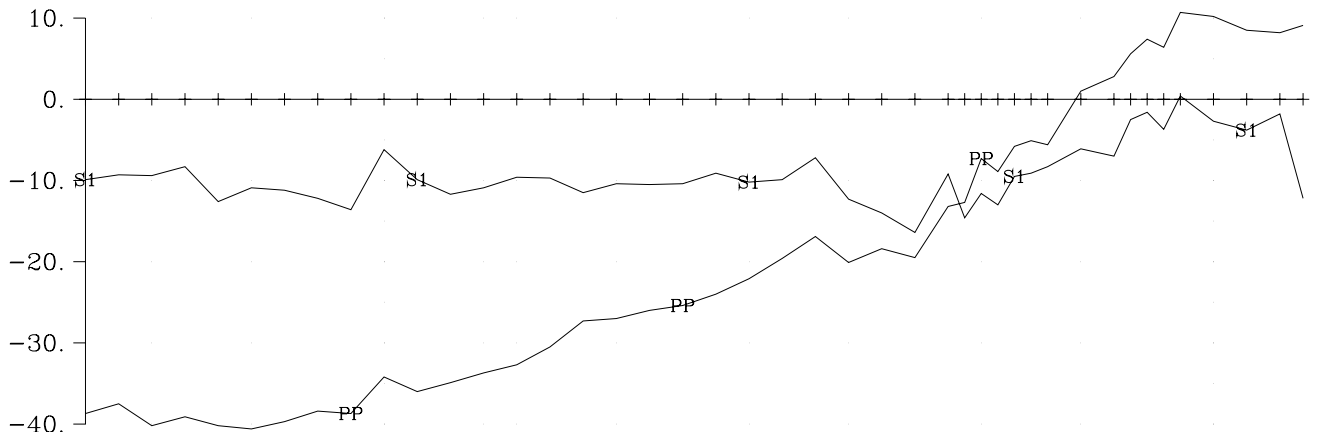


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0003 Z Component
 Crone Geophysics & Exploration Ltd.

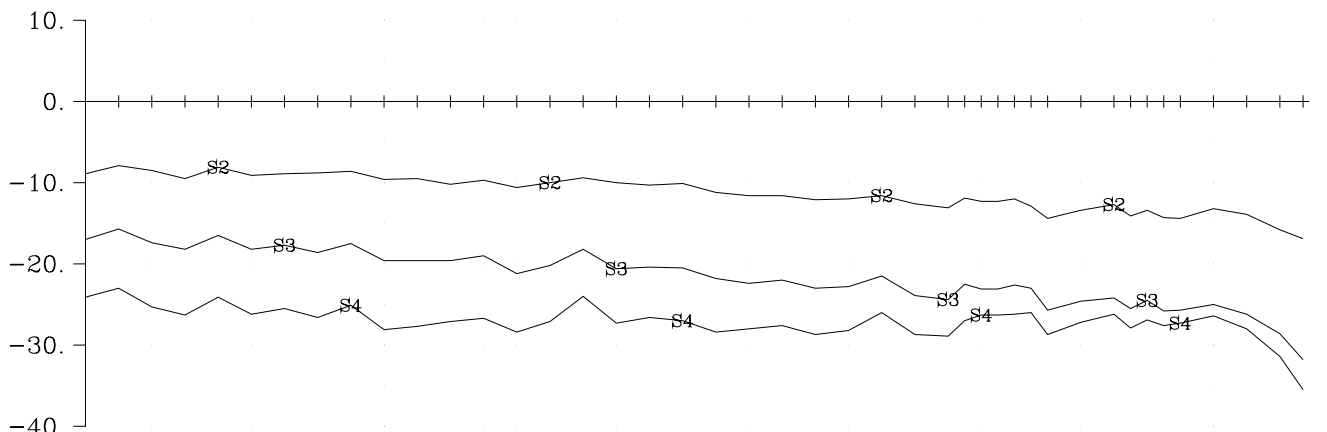
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



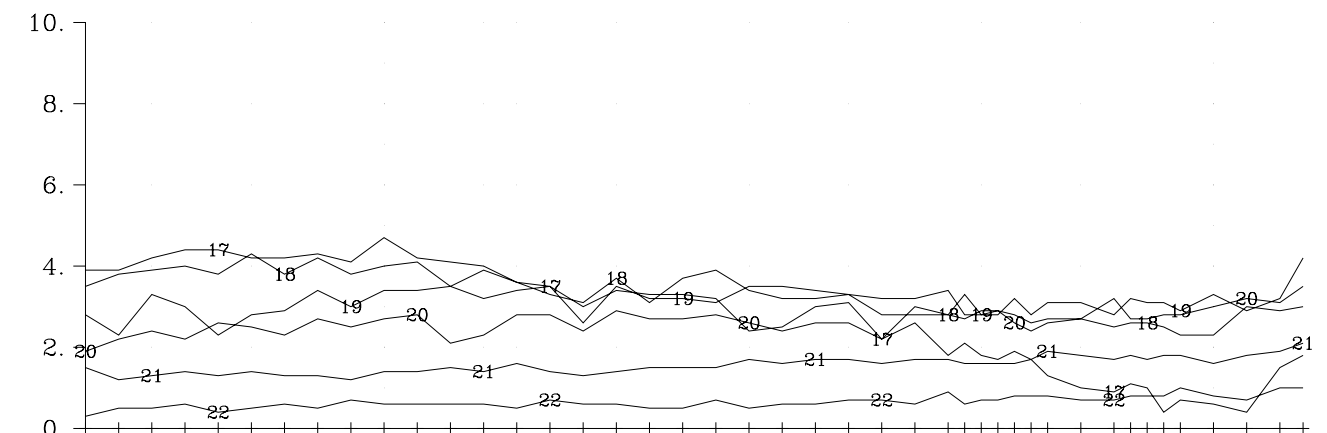
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

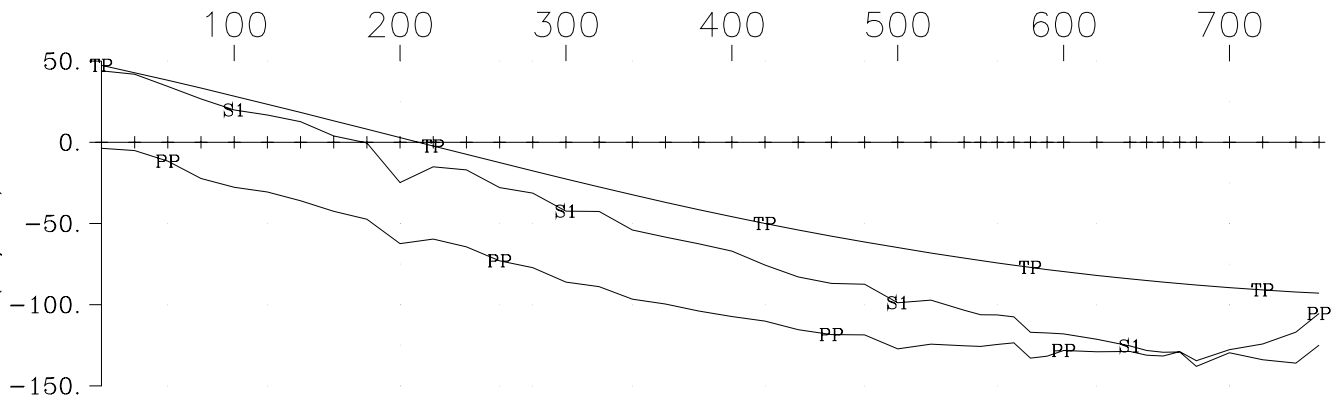


Pulse EM Off-time
 Channels 17-22
 (nT/sec)

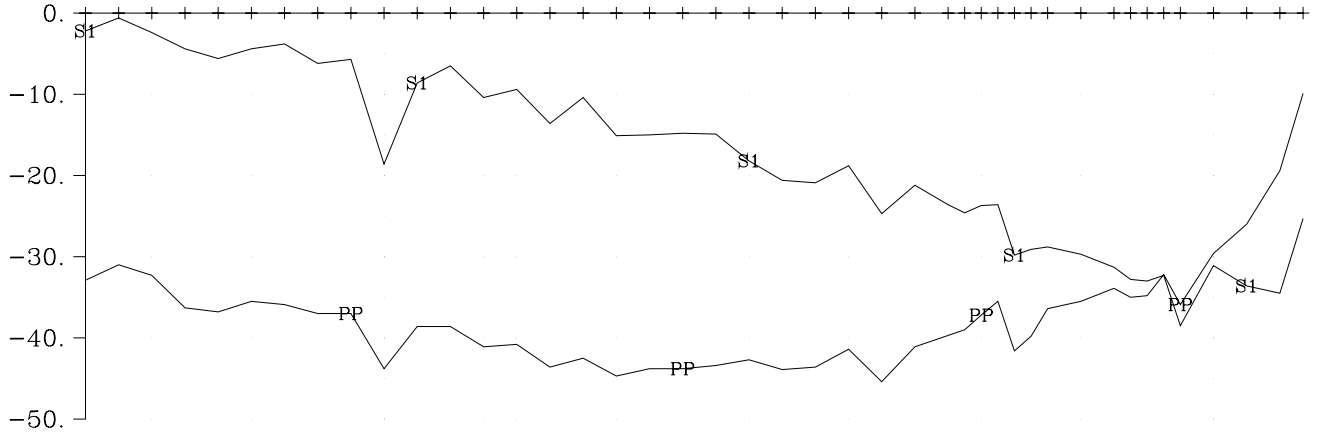


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0003 X Component
 Crone Geophysics & Exploration Ltd.

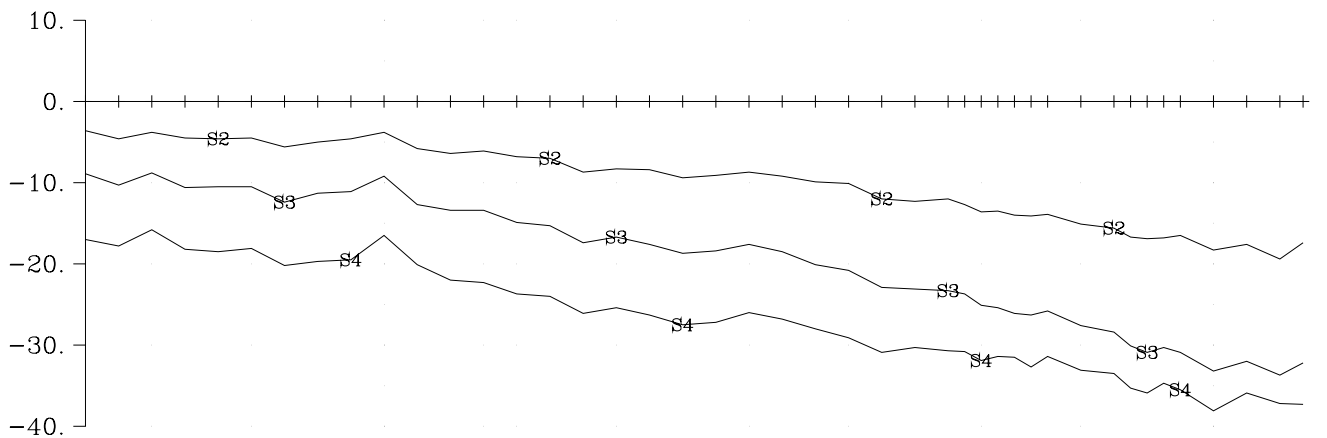
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



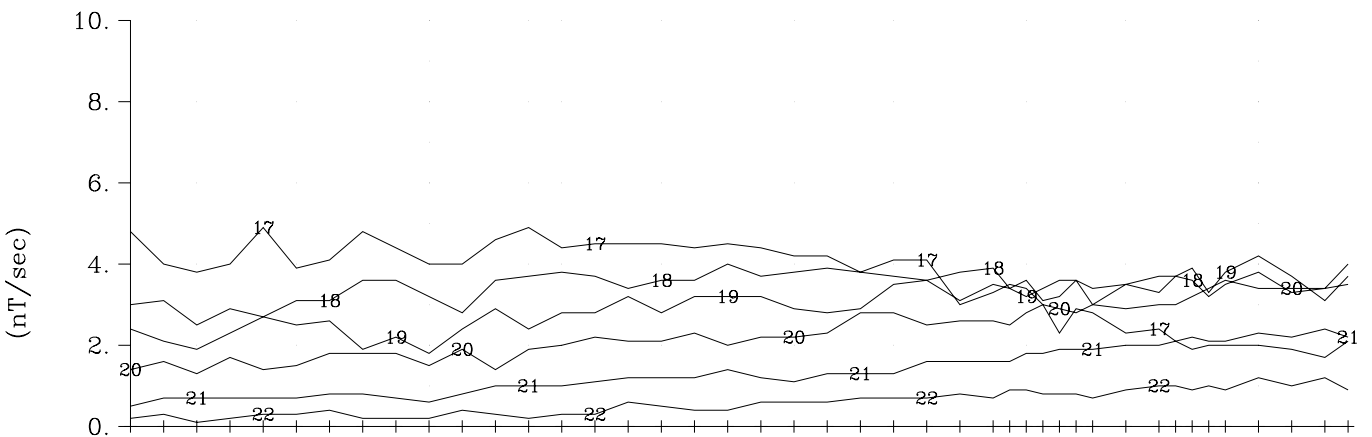
Deviation from TP.
 (% Total Theoretical)



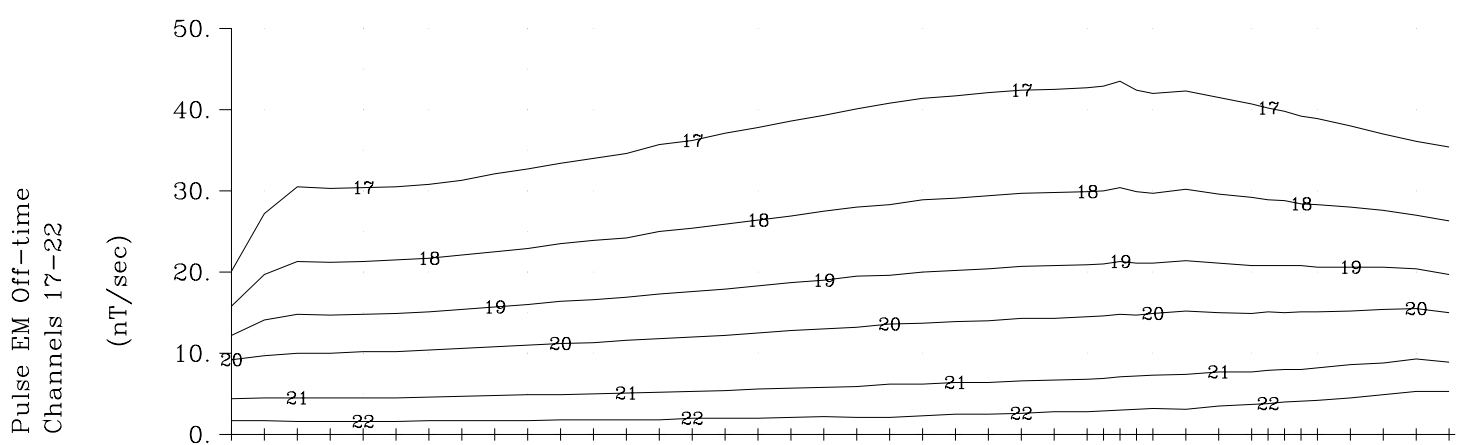
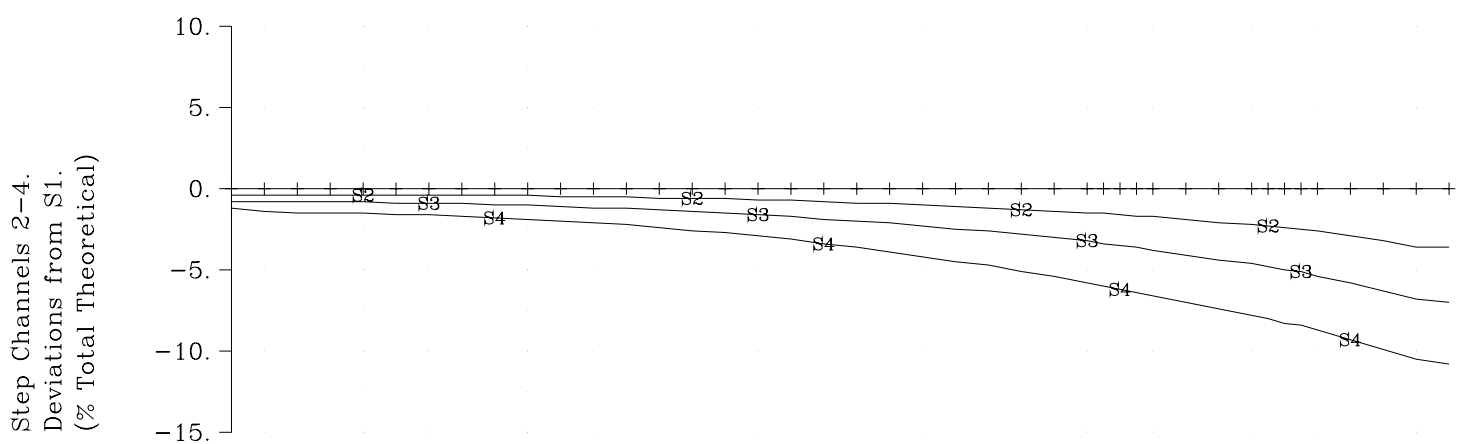
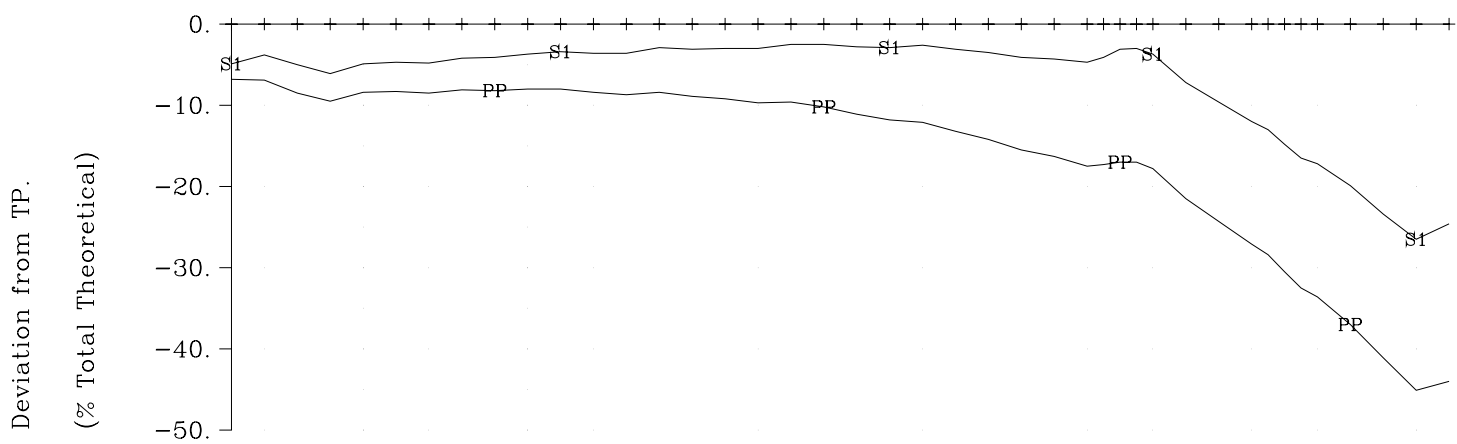
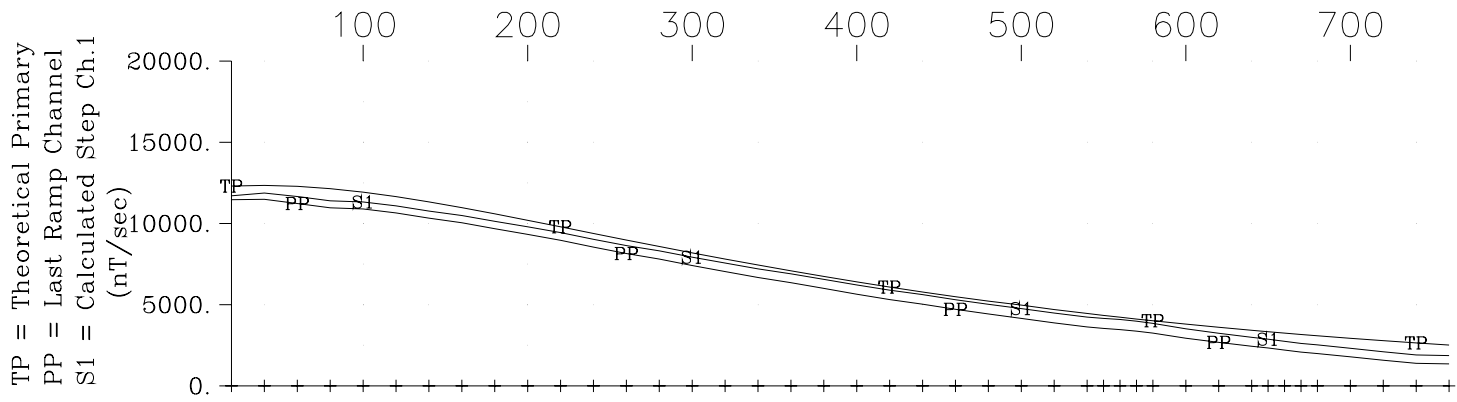
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



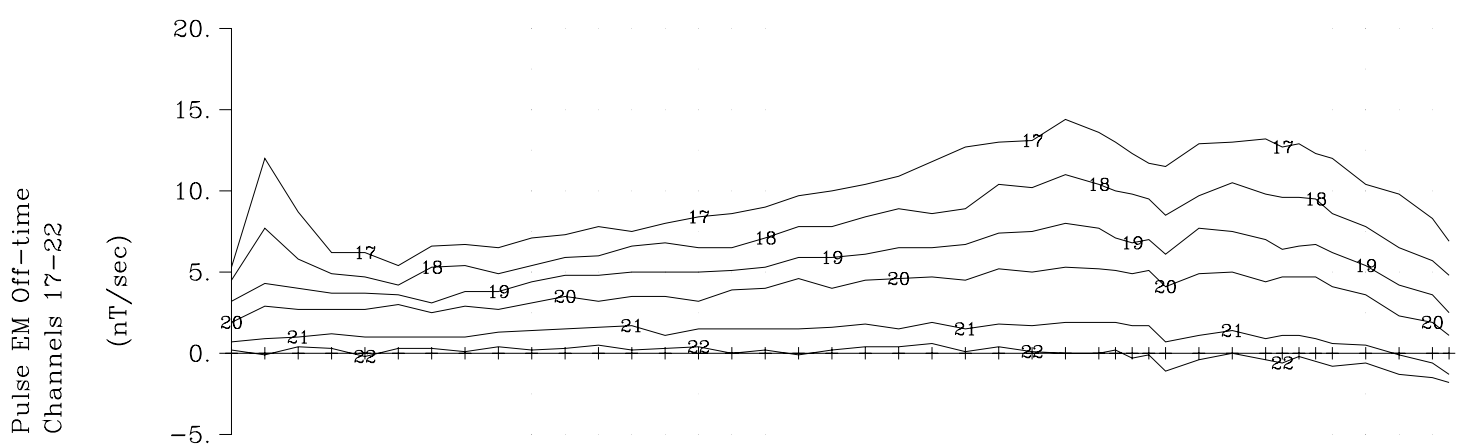
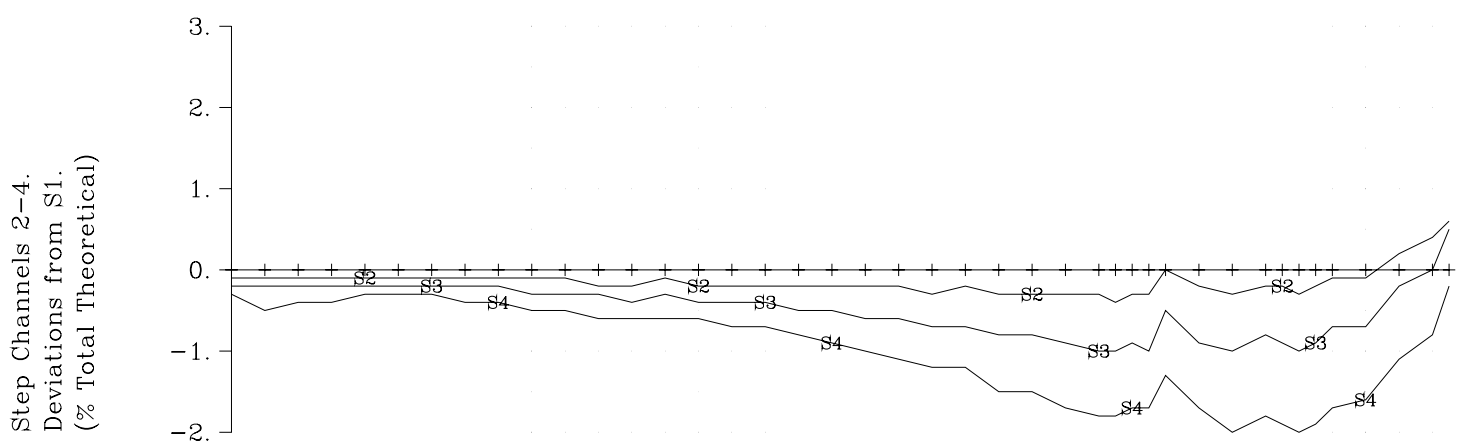
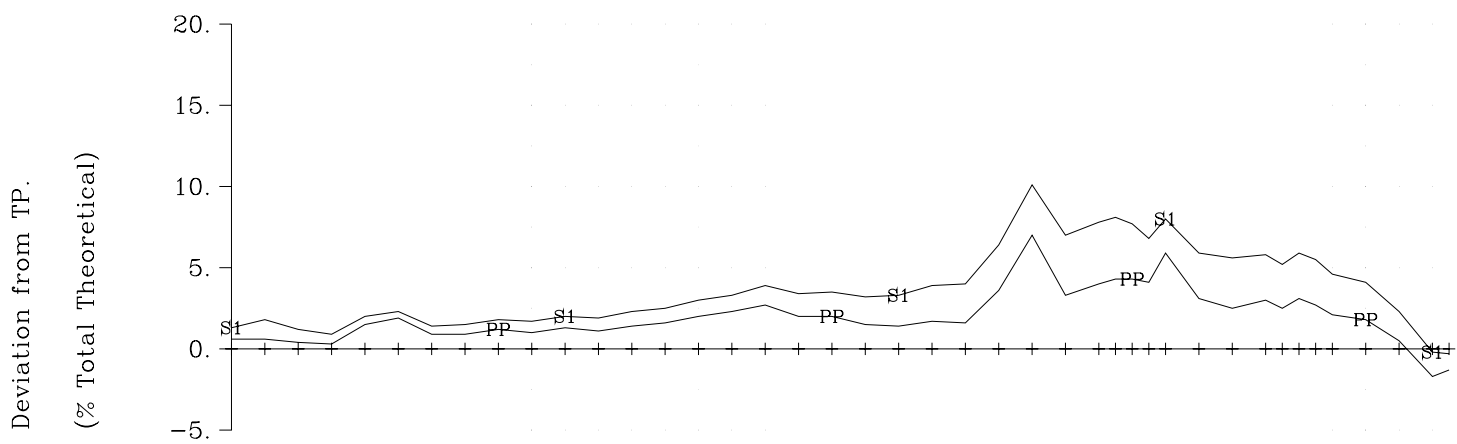
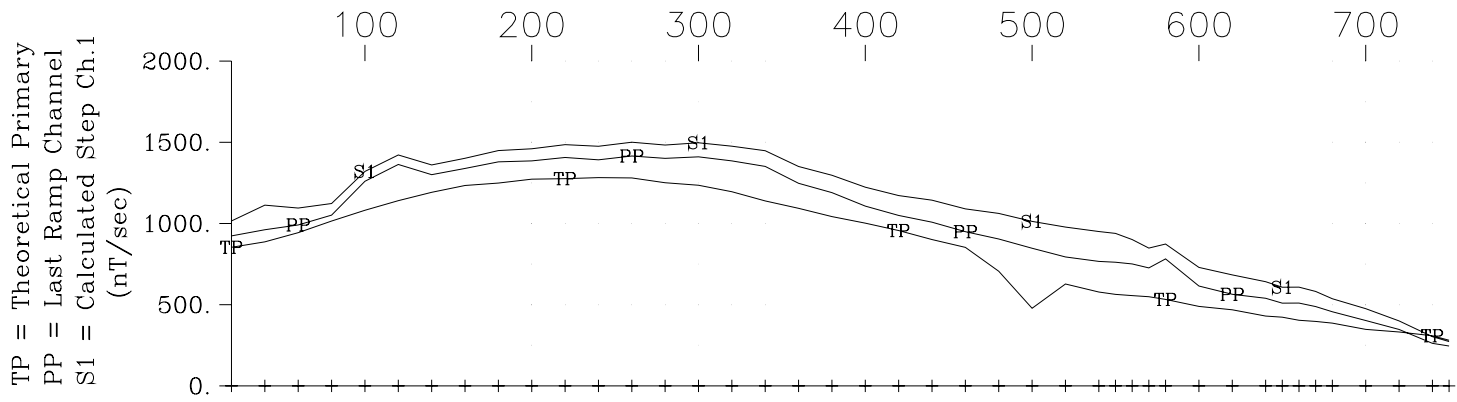
Pulse EM Off-time
 Channels 17-22
 (nT/sec)



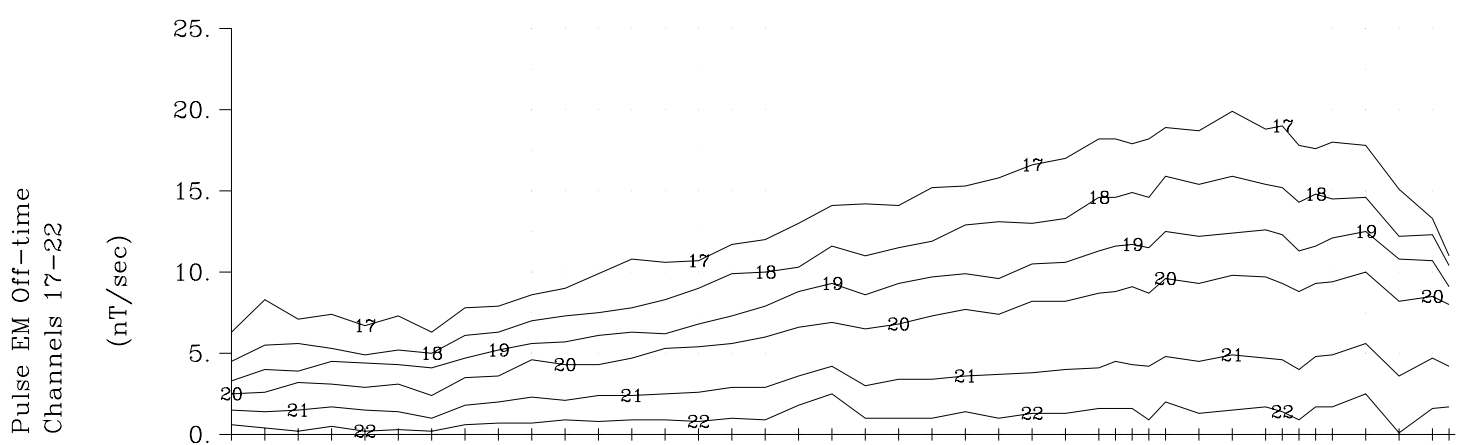
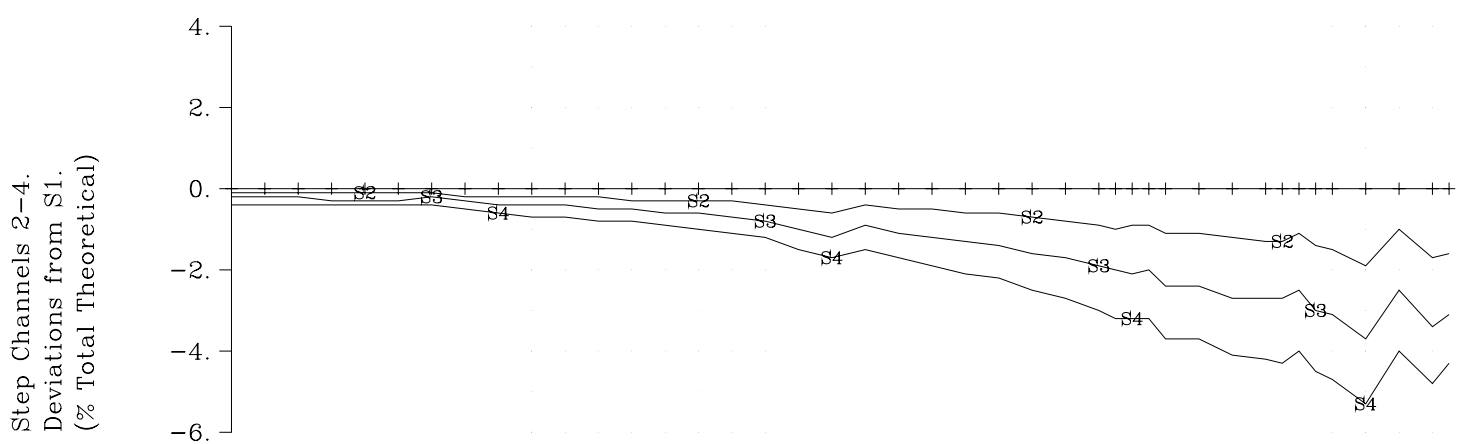
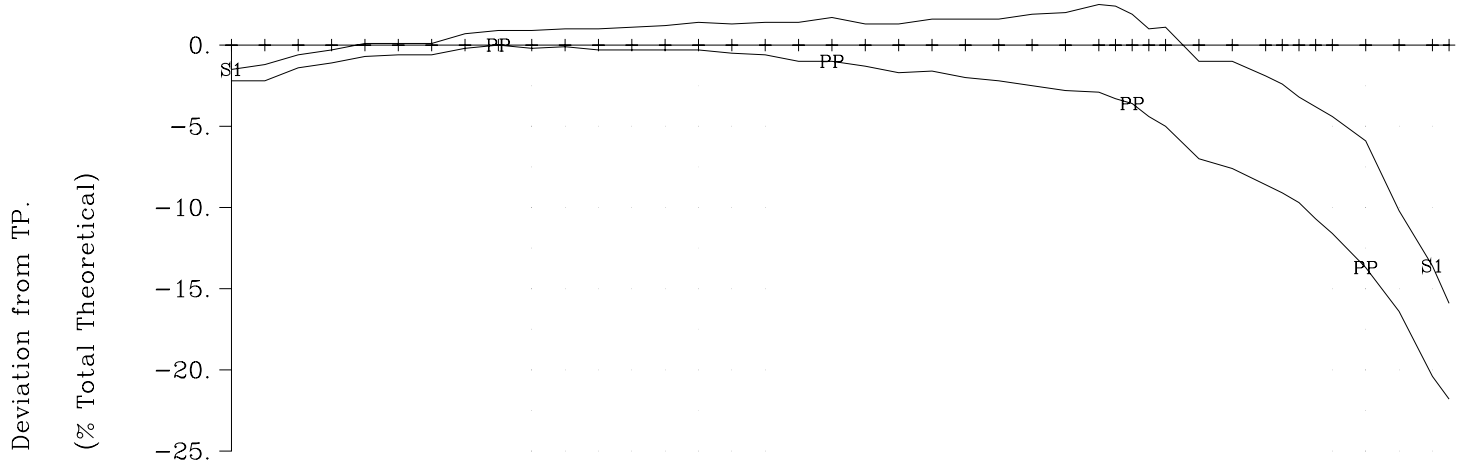
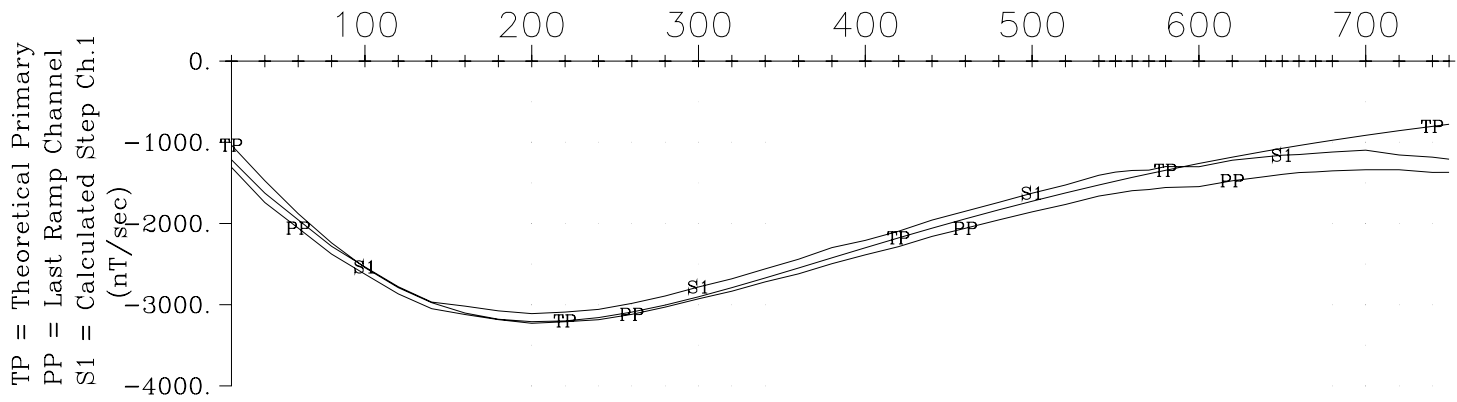
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 14CL0003 Y Component
 Crone Geophysics & Exploration Ltd.



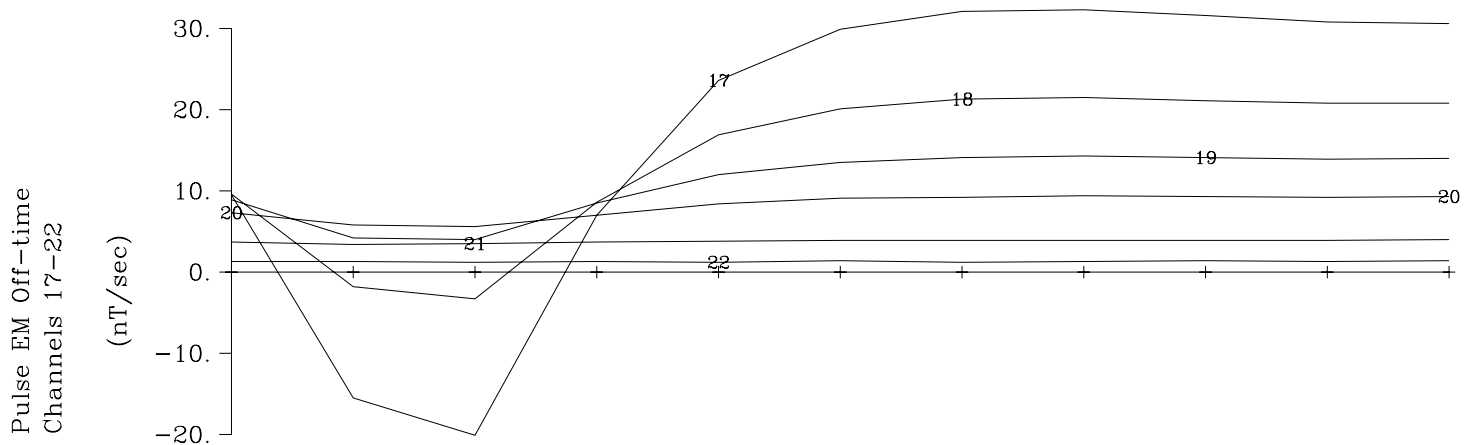
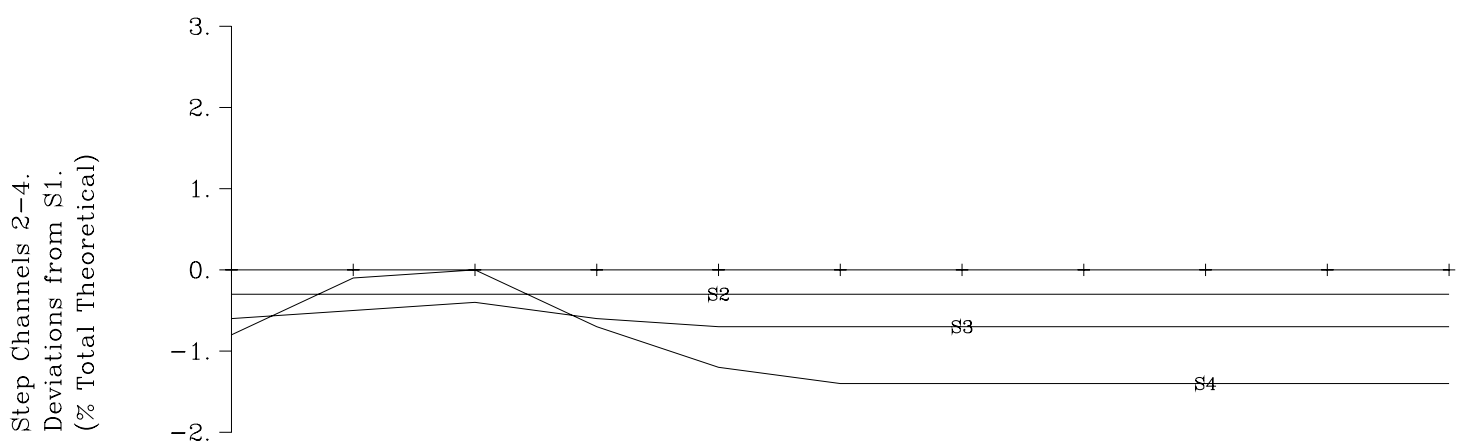
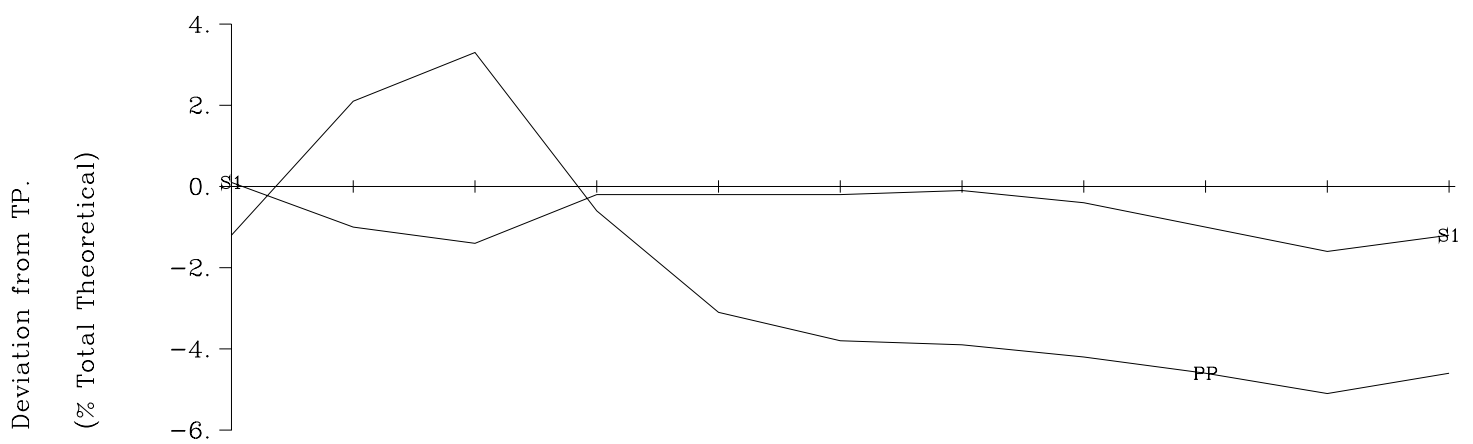
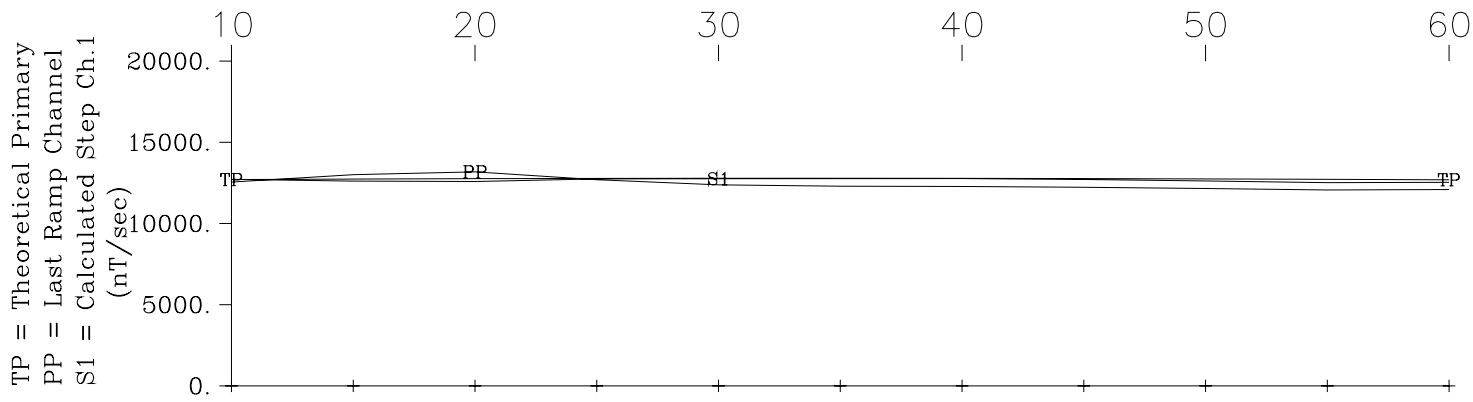
Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0003 Z Component
 Crone Geophysics & Exploration Ltd.



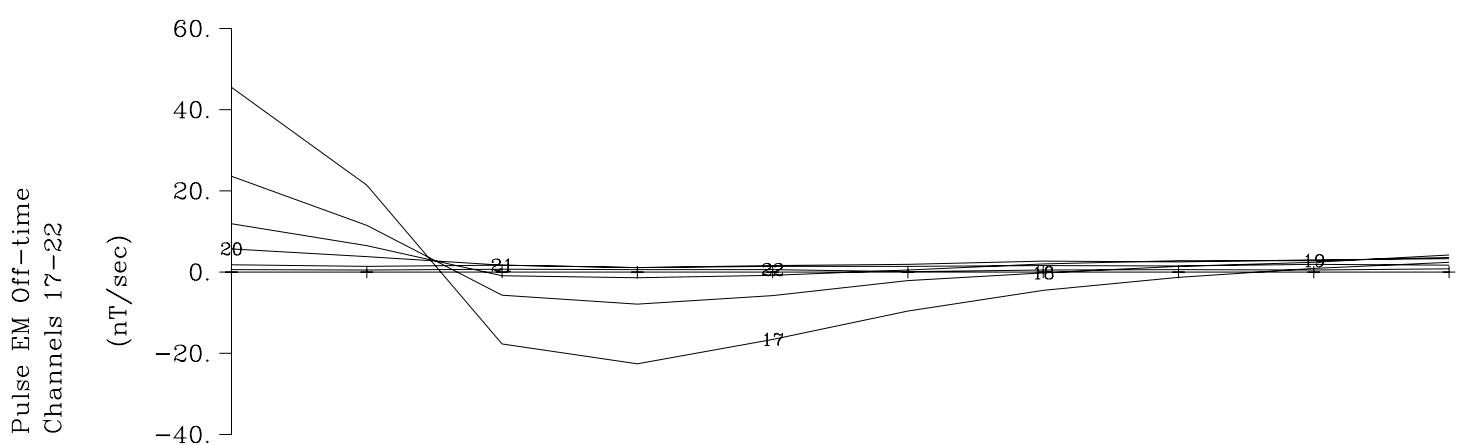
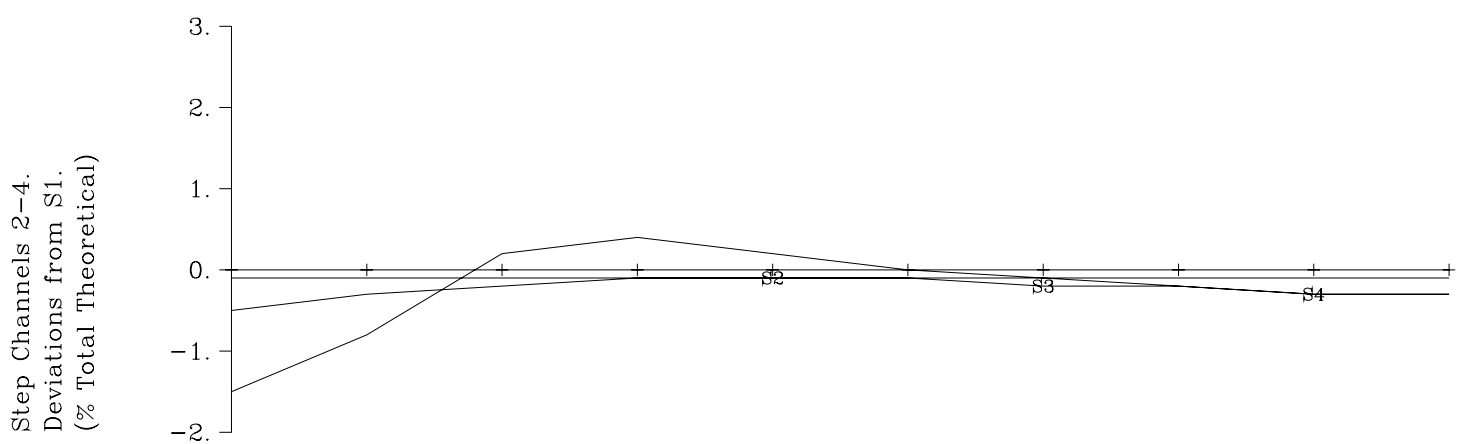
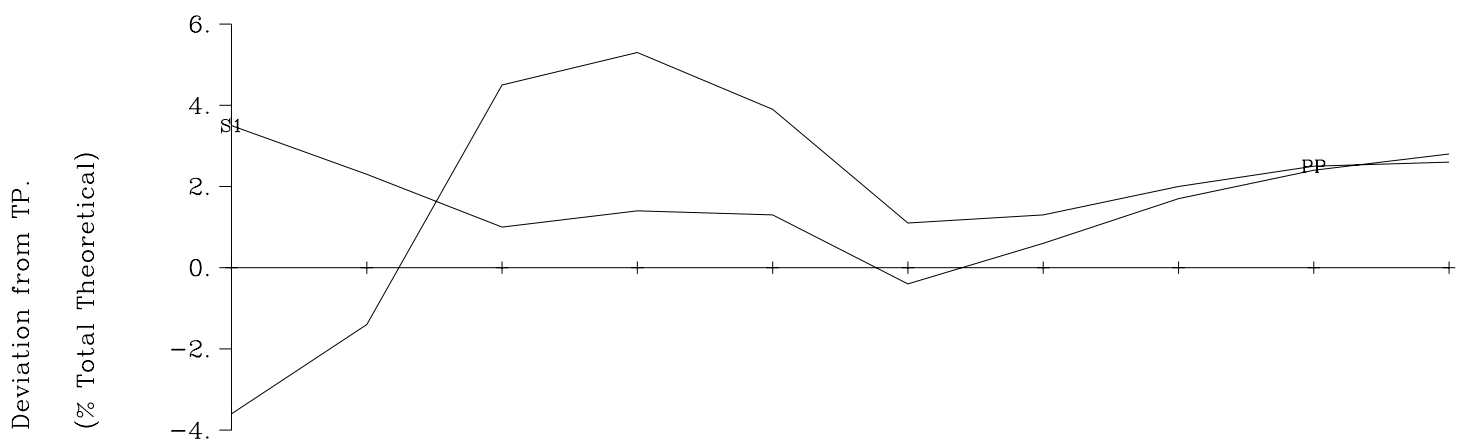
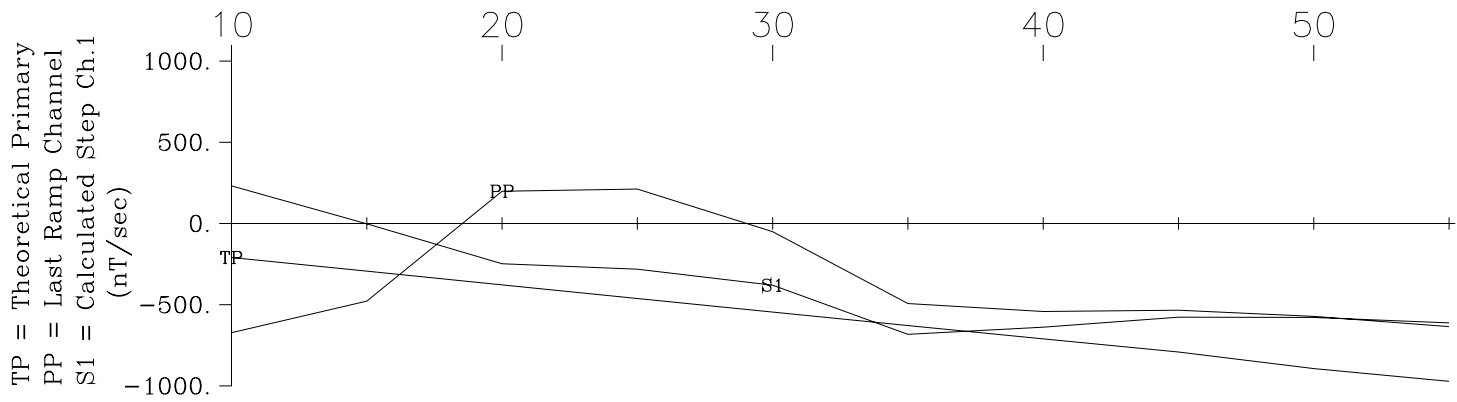
Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0003 X Component
 Crone Geophysics & Exploration Ltd.



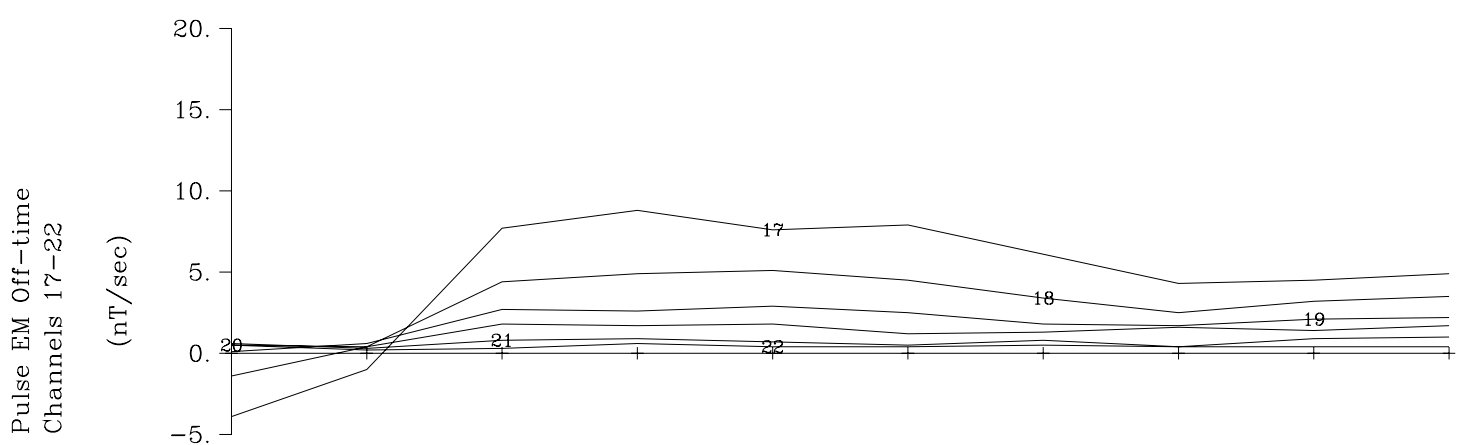
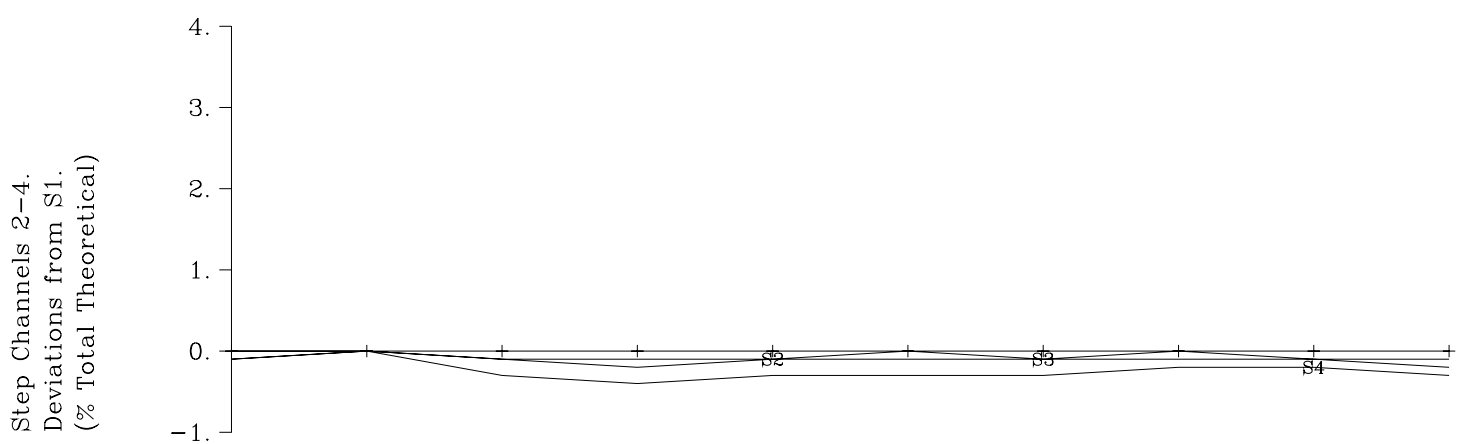
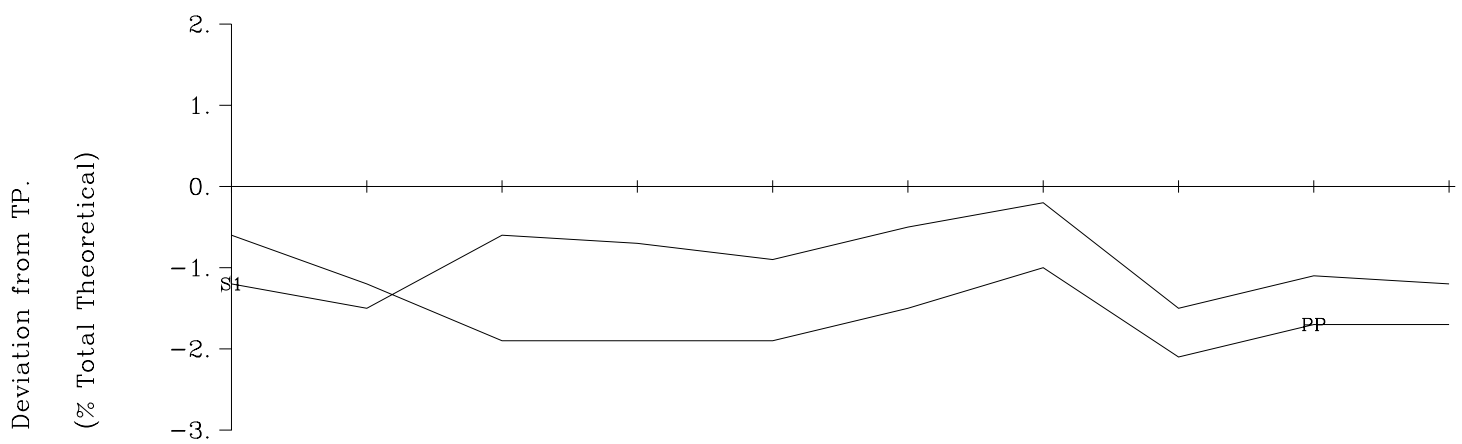
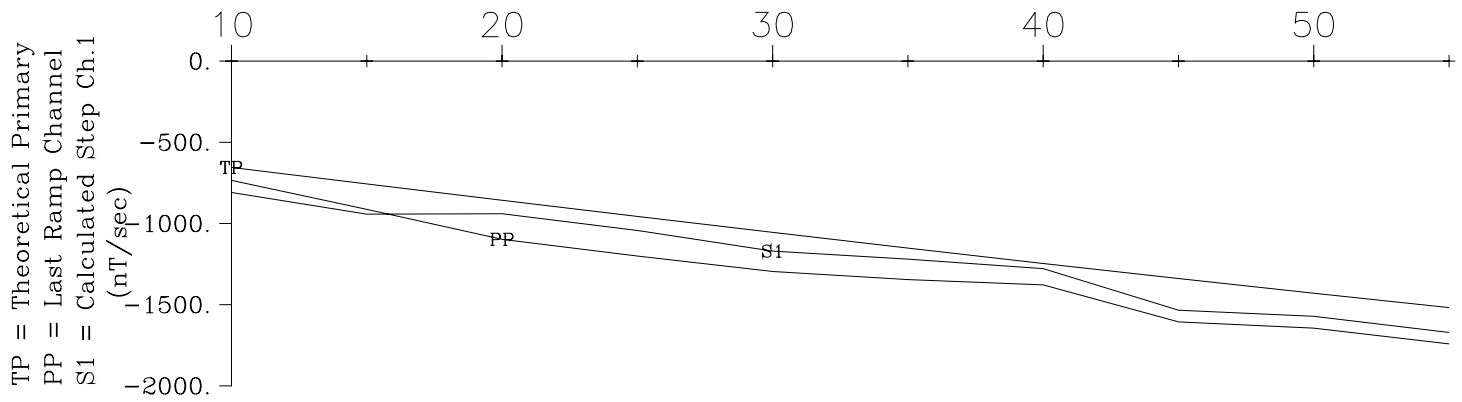
Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0003 Y Component
 Crone Geophysics & Exploration Ltd.



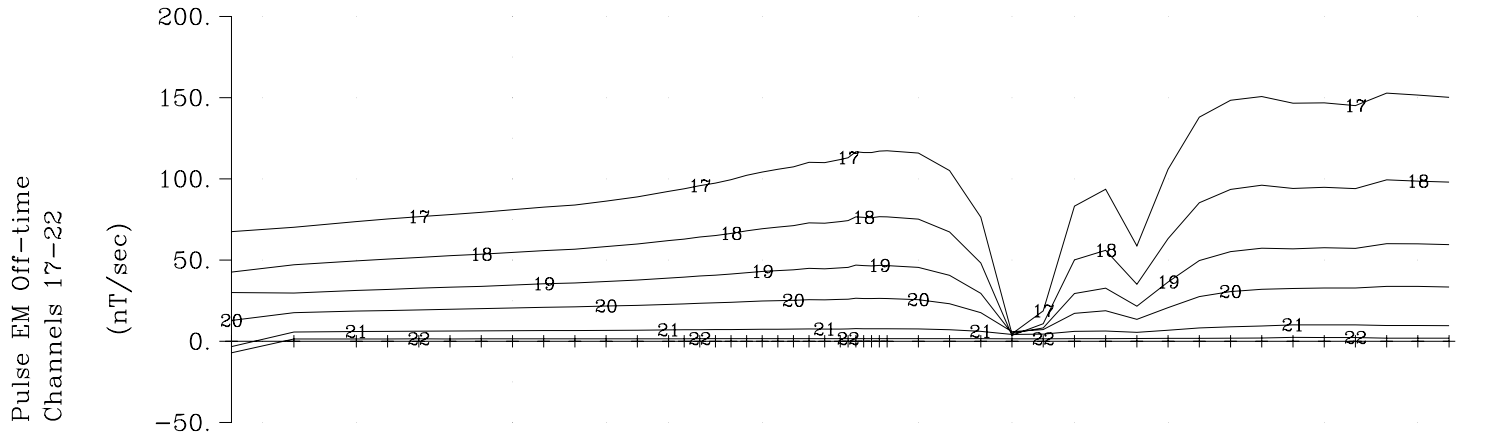
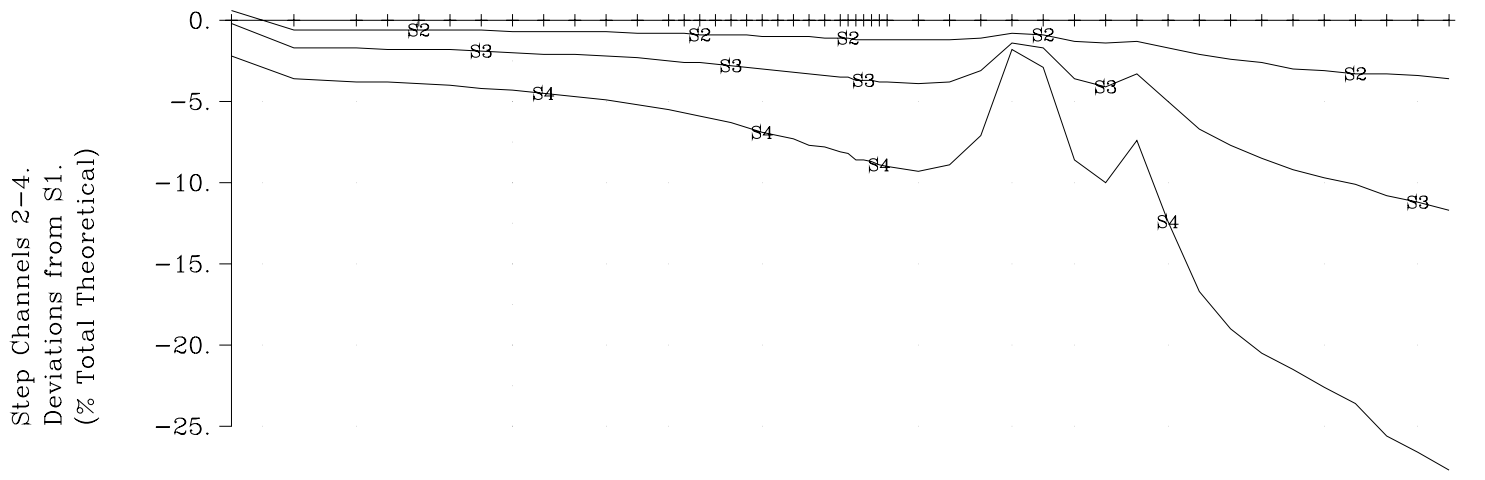
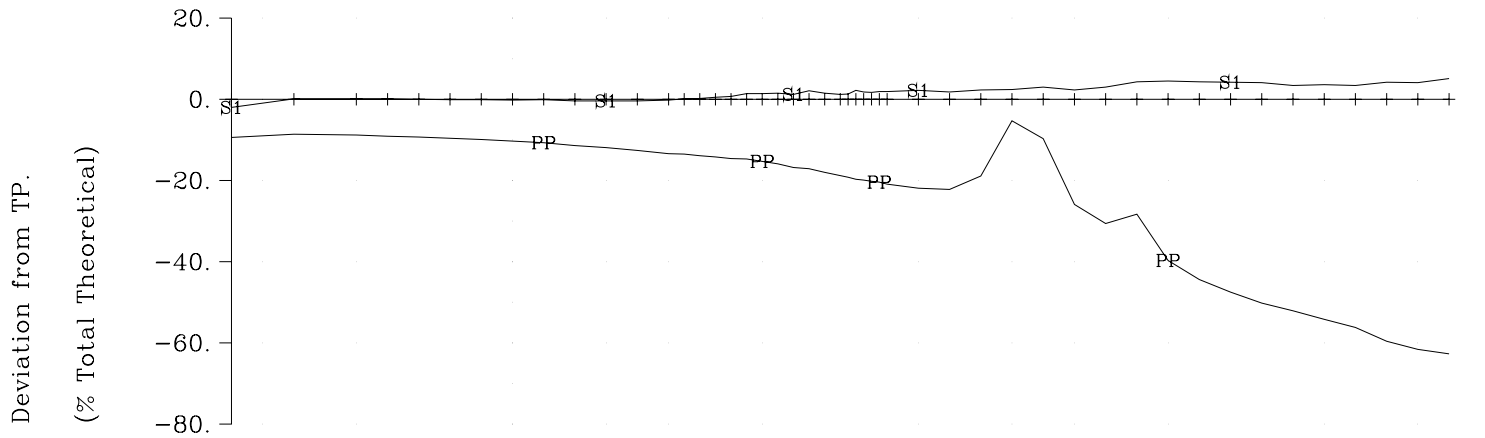
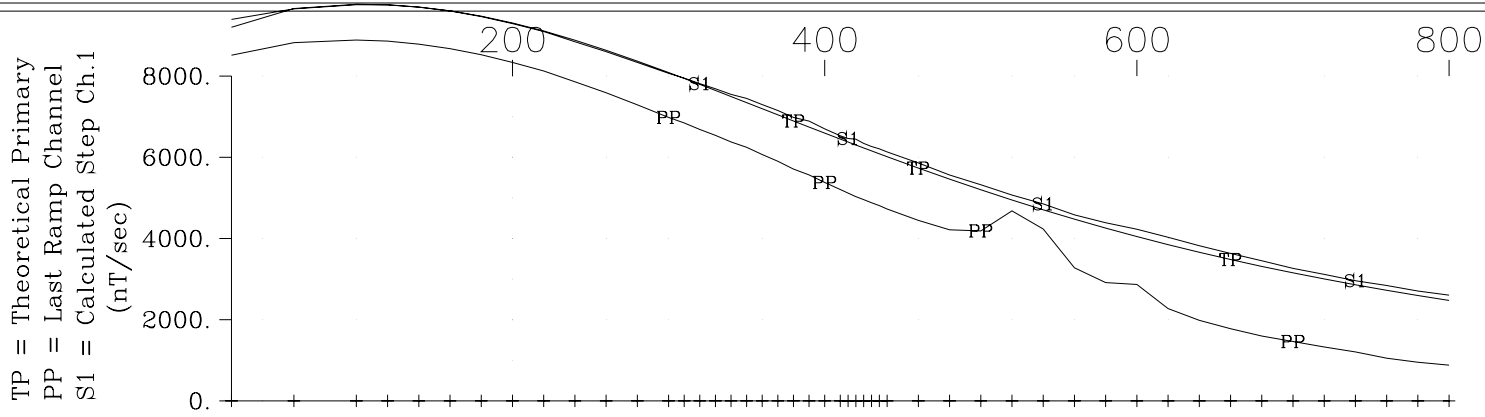
Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0004 Z Component
 Crone Geophysics & Exploration Ltd.



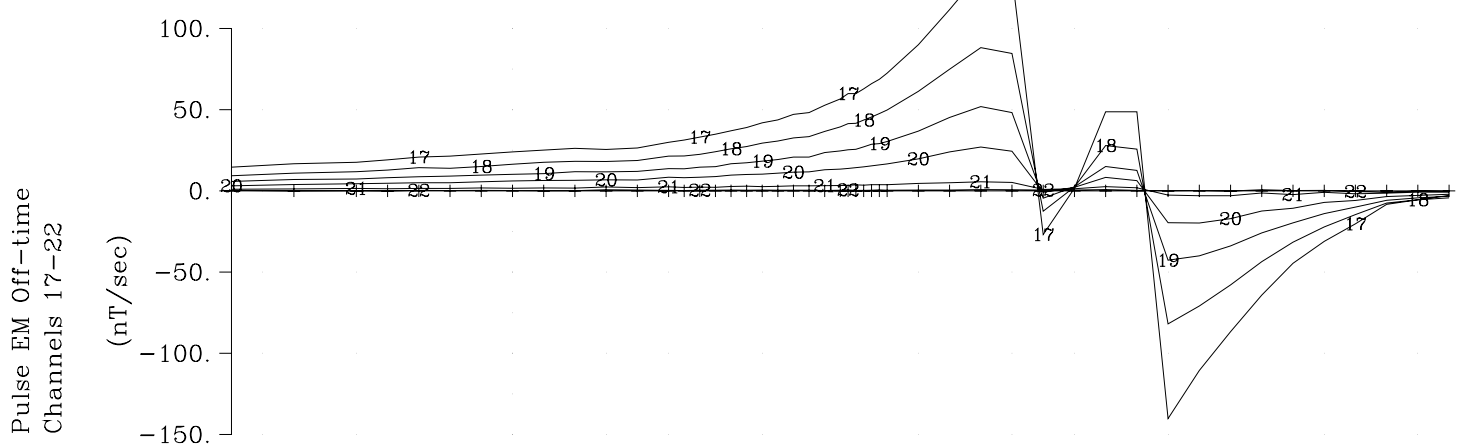
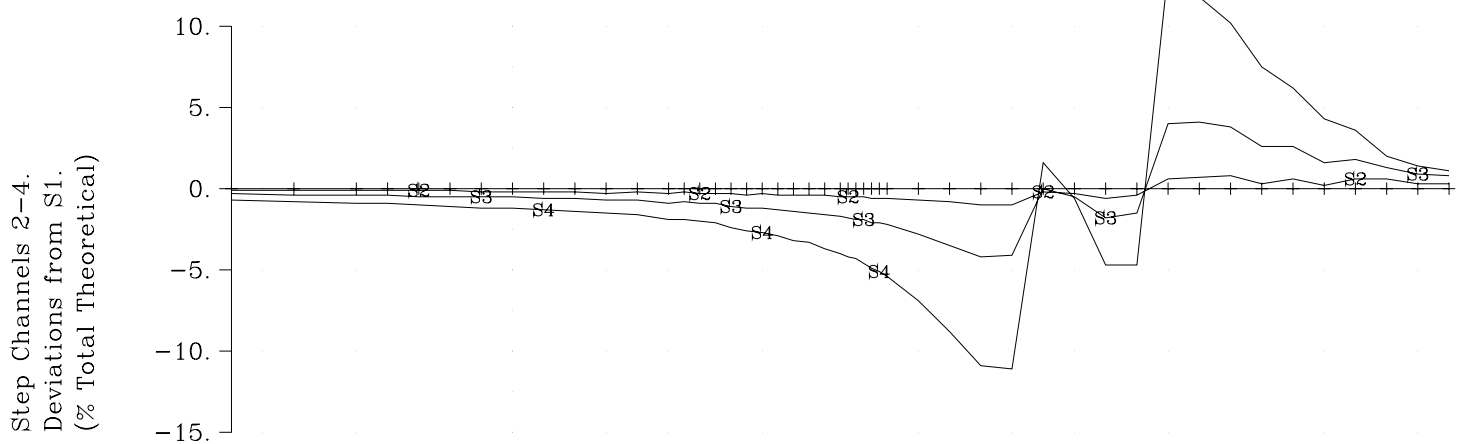
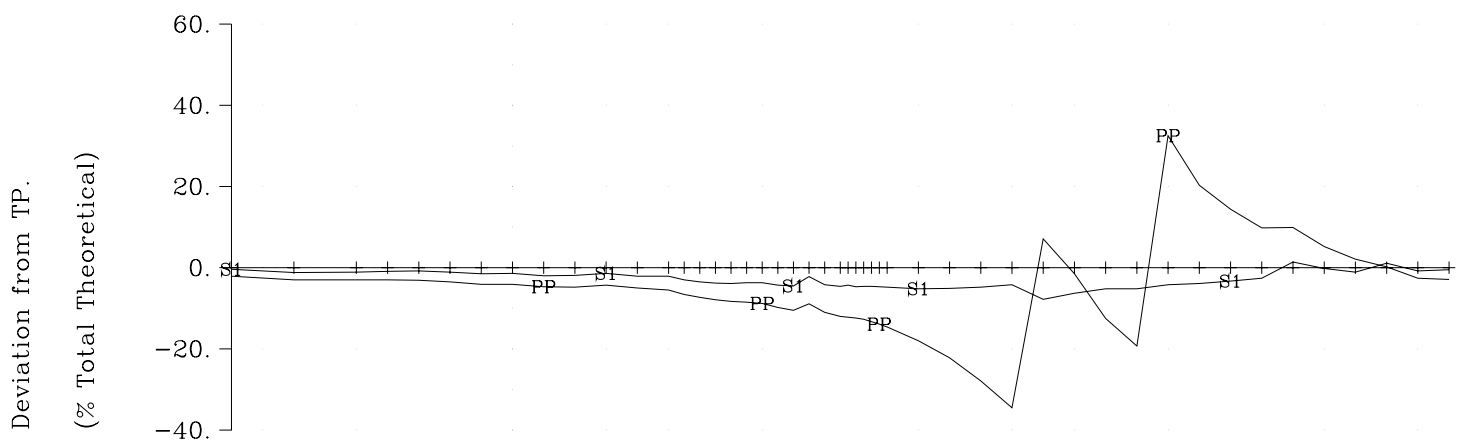
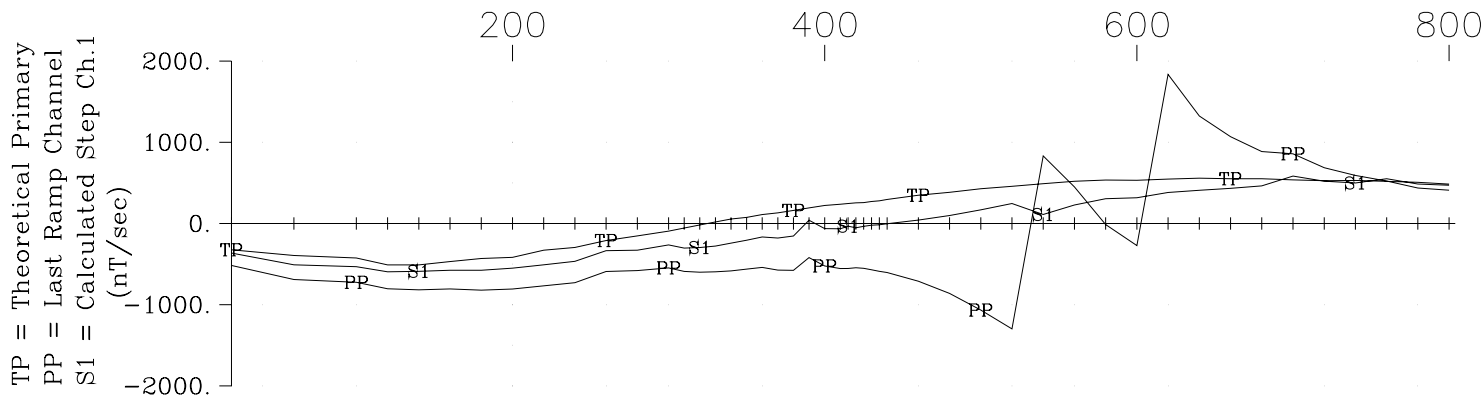
Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0004 X Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop 14CL_S2, Hole 14CL0004 Y Component
 Crone Geophysics & Exploration Ltd.

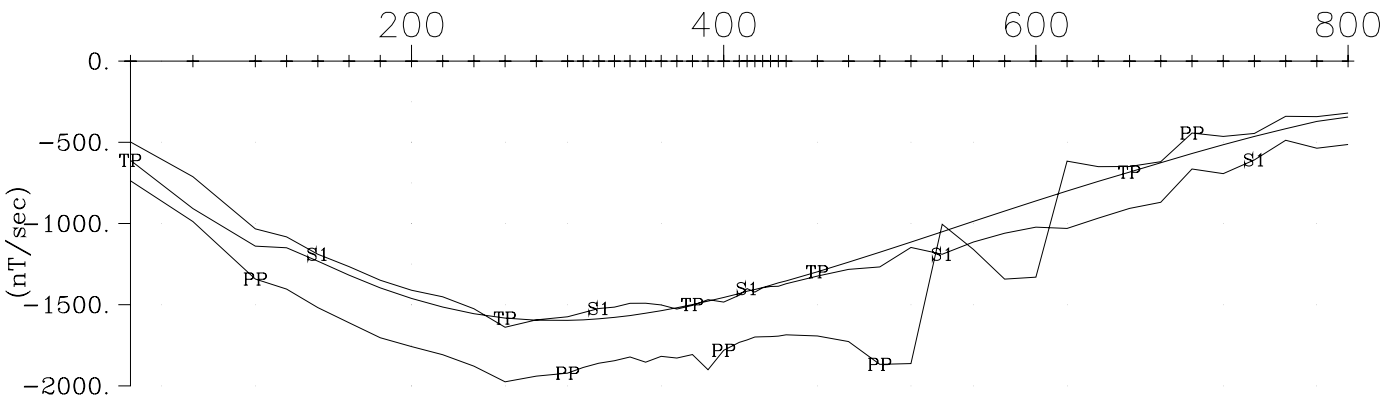


Rio Tinto Exploration Crystal Lake
 Loop 14CL_North, Hole 14CL0005 Z Component
 Crone Geophysics & Exploration Ltd.

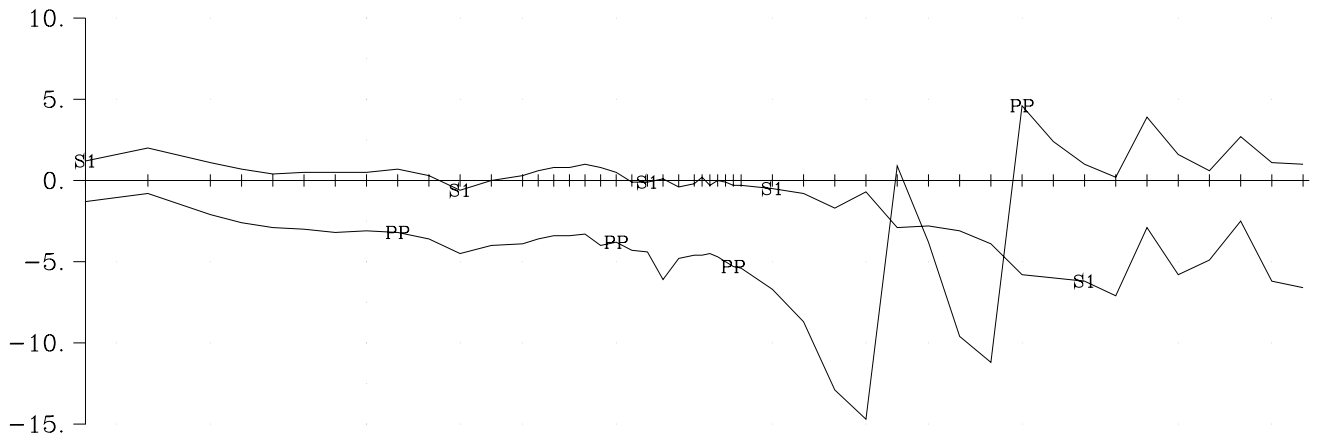


Rio Tinto Exploration Crystal Lake
 Loop 14CL_North, Hole 14CL0005 X Component
 Crone Geophysics & Exploration Ltd.

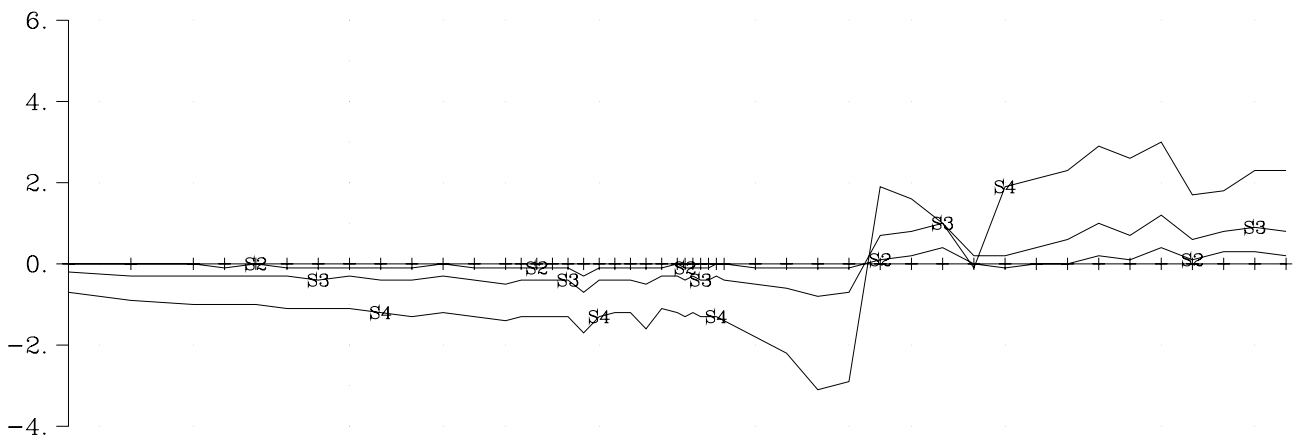
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



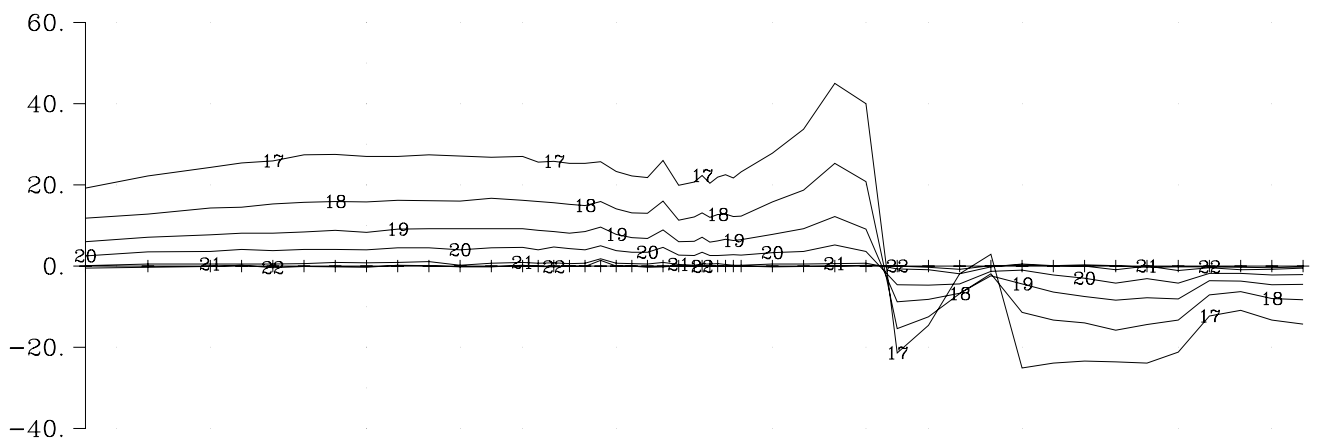
Deviation from TP.
 (% Total Theoretical)



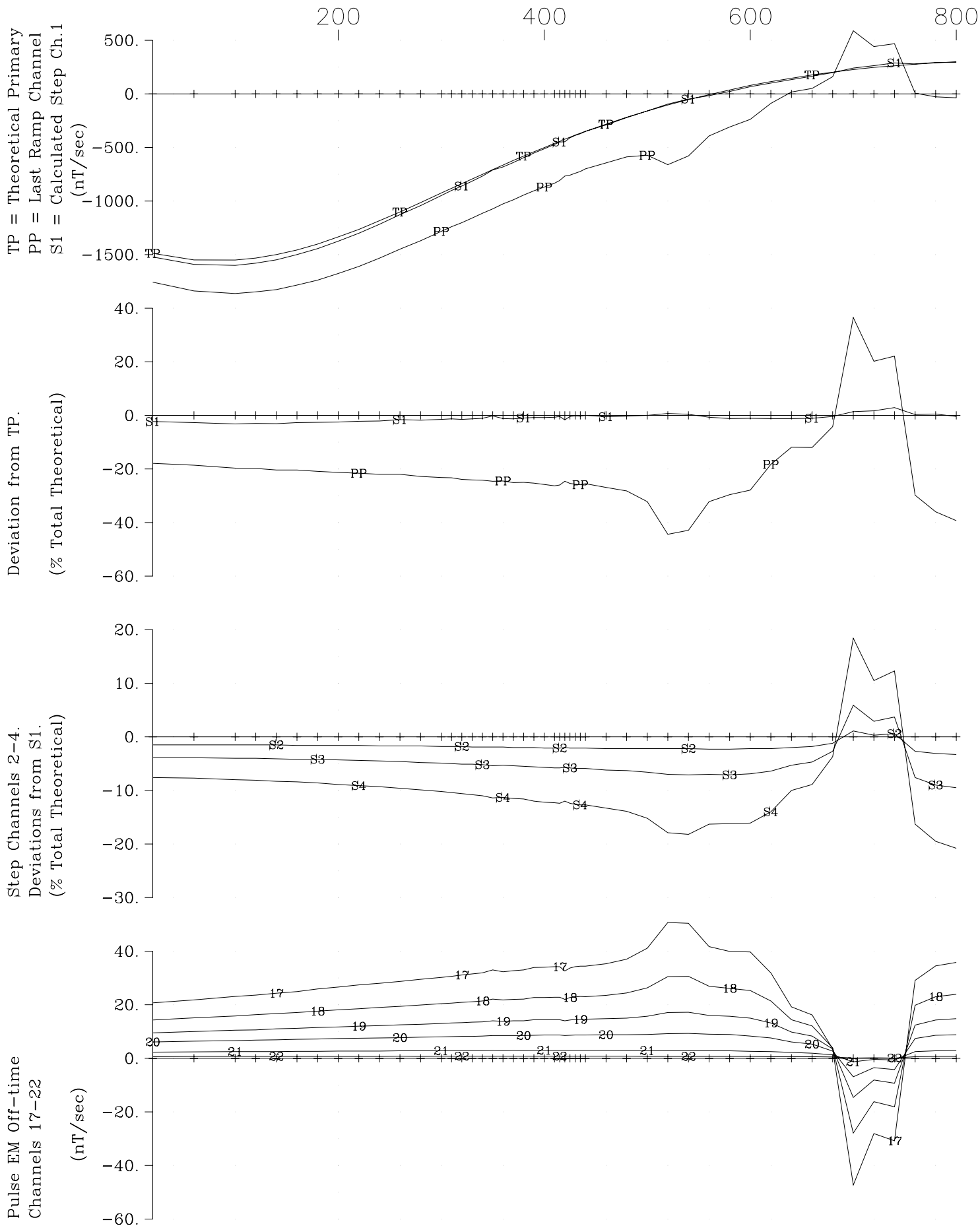
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



Pulse EM Off-time
 Channels 17-22
 (nT/sec)

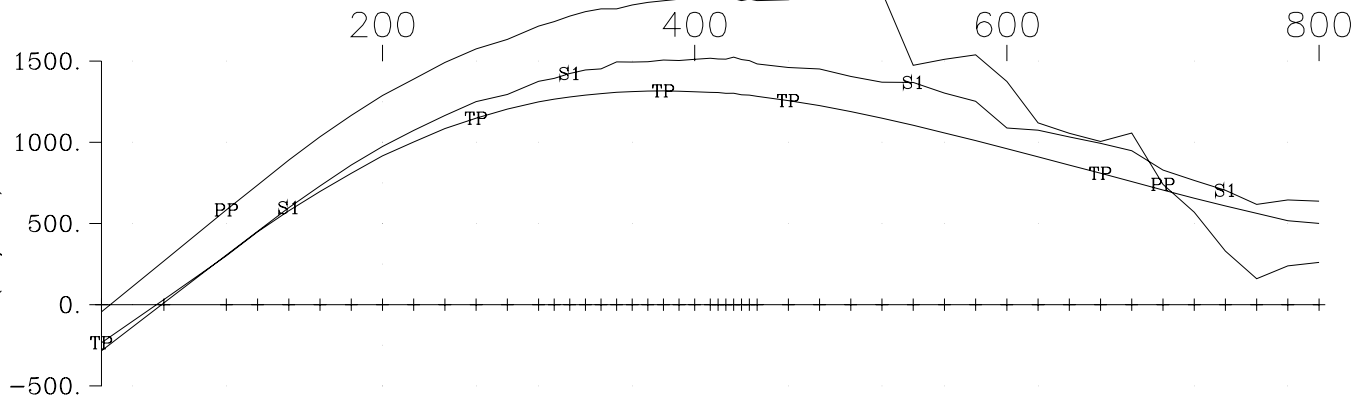


Rio Tinto Exploration Crystal Lake
 Loop 14CL_North, Hole 14CL0005 Y Component
 Crone Geophysics & Exploration Ltd.

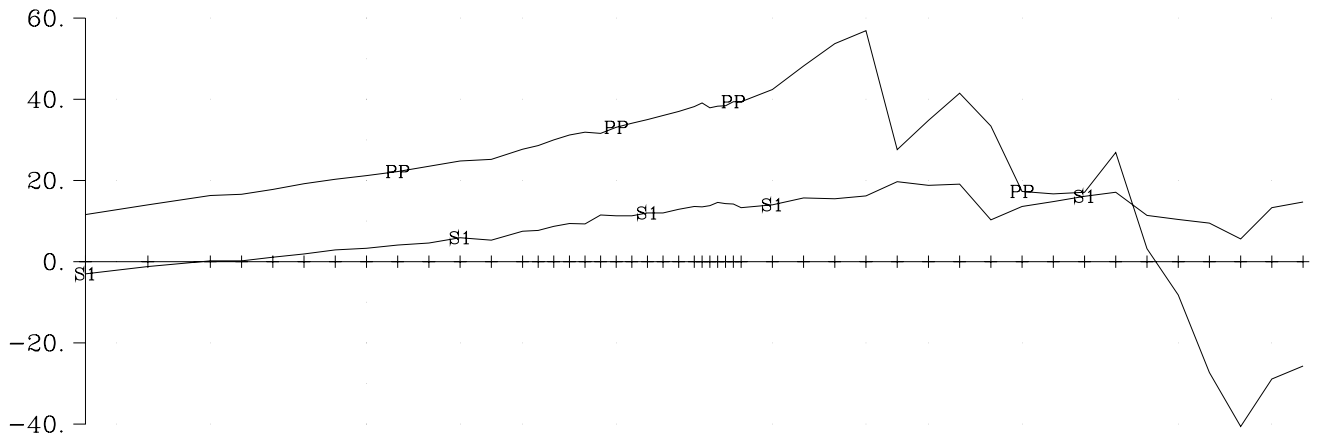


Rio Tinto Exploration Crystal Lake
 Loop 14CL_SOUTH, Hole 14CL0005 Z Component
 Crone Geophysics & Exploration Ltd.

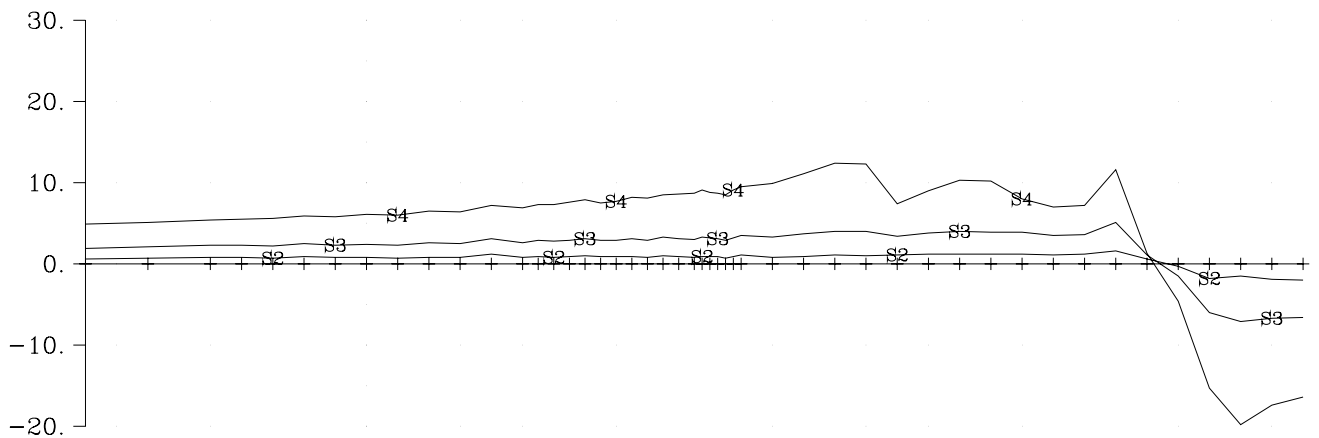
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



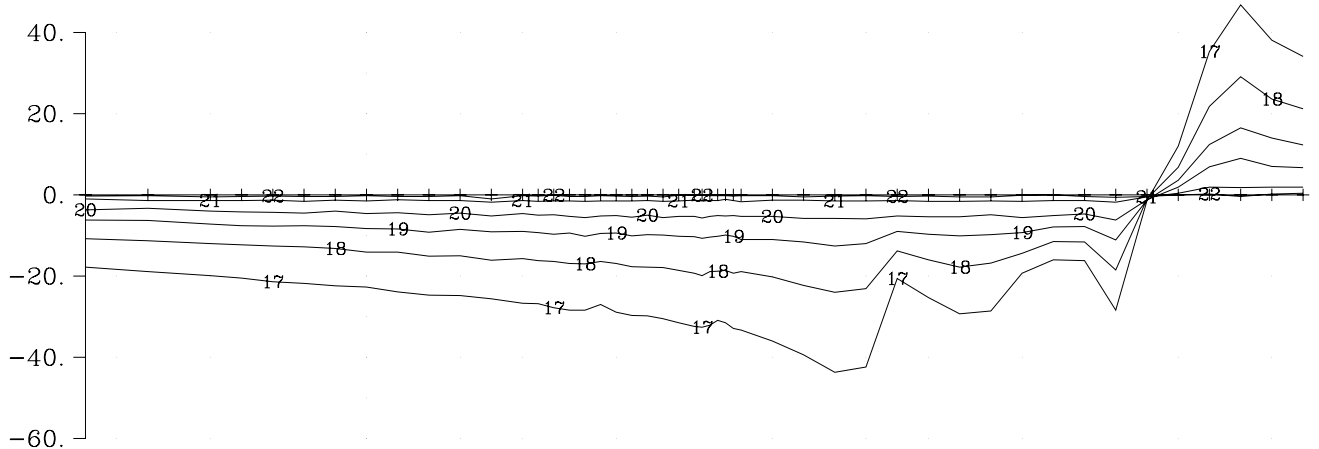
Deviation from TP.
 (% Total Theoretical)



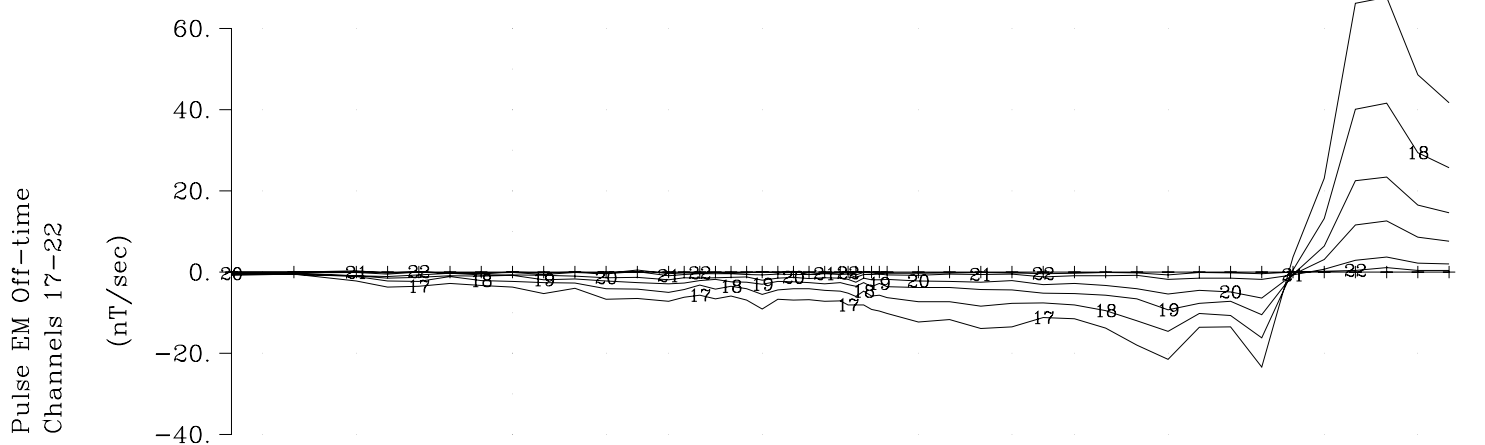
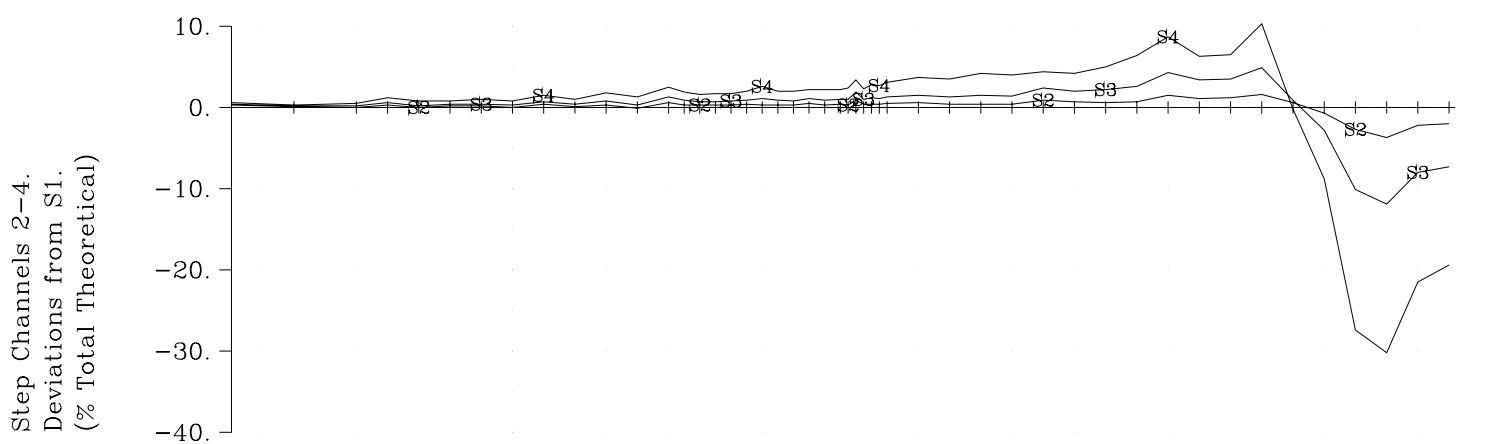
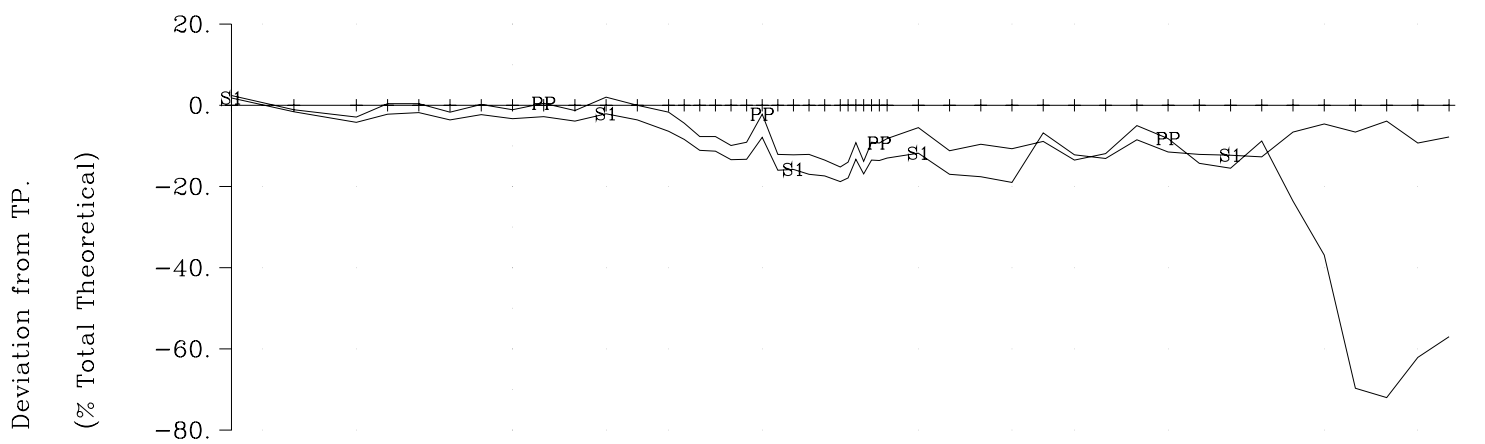
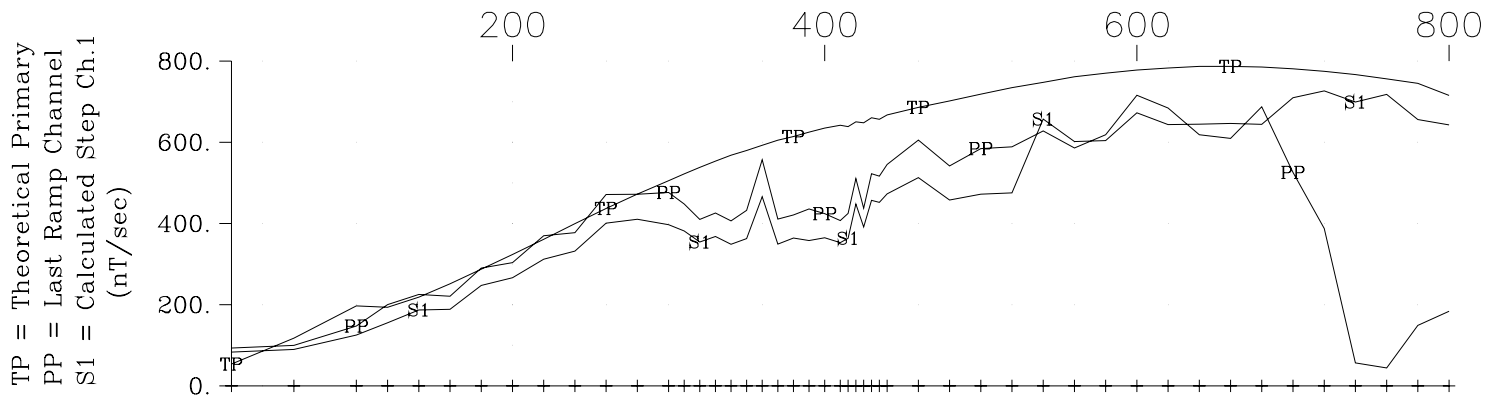
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



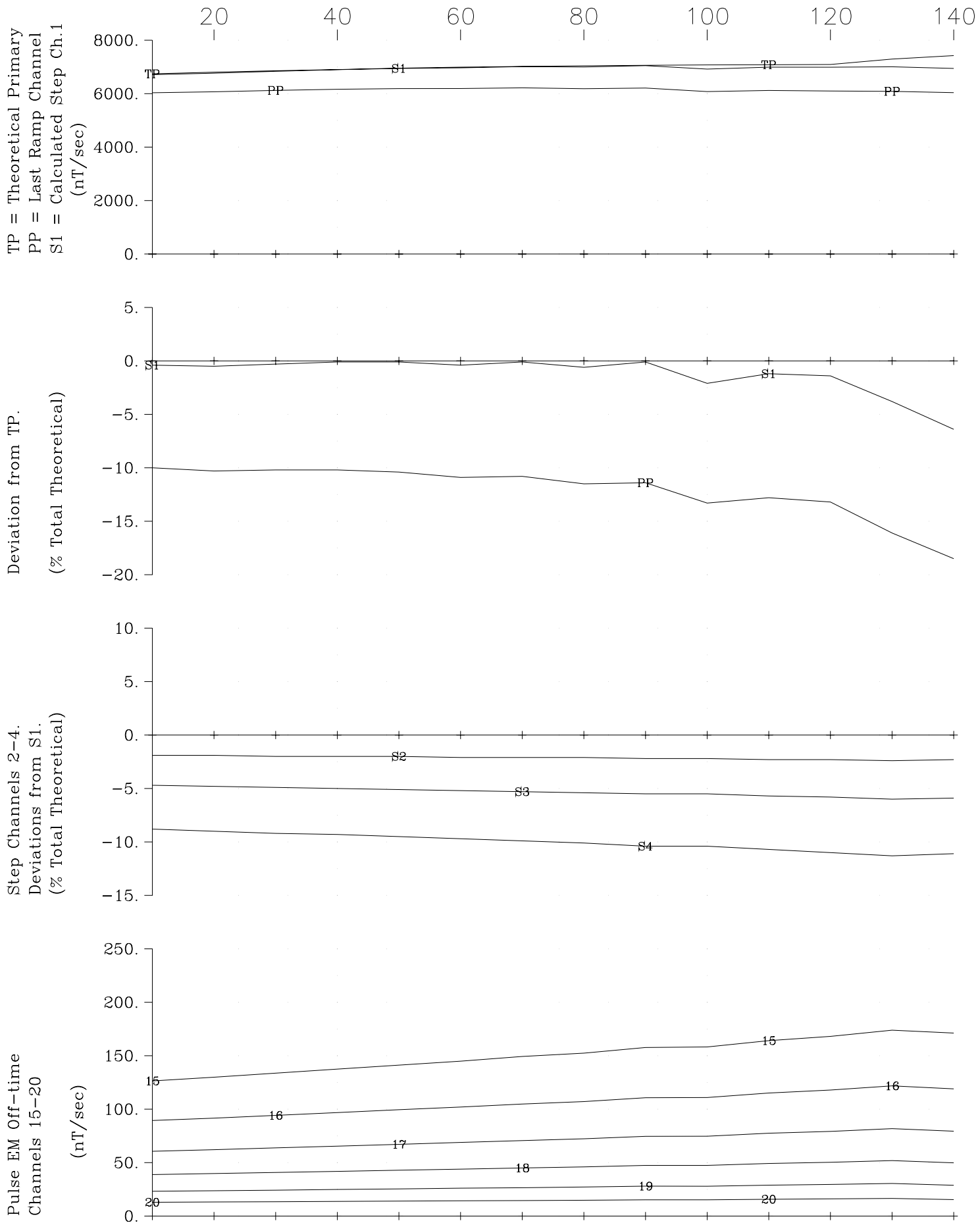
Pulse EM Off-time
 Channels 17-22
 (nT/sec)



Rio Tinto Exploration Crystal Lake
 Loop 14CL_SOUTH, Hole 14CL0005 X Component
 Crone Geophysics & Exploration Ltd.

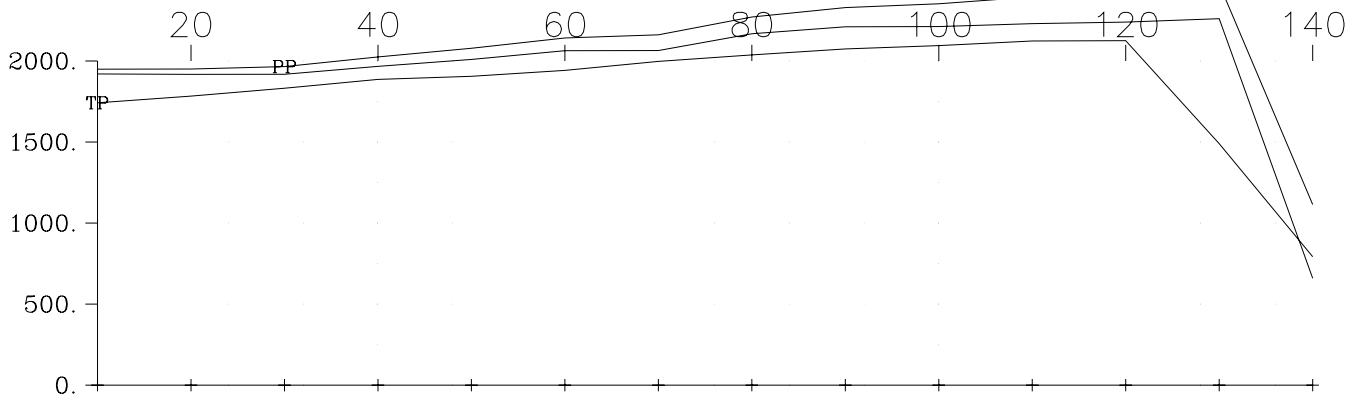


Rio Tinto Exploration Crystal Lake
 Loop 14CL_SOUTH, Hole 14CL0005 Y Component
 Crone Geophysics & Exploration Ltd.

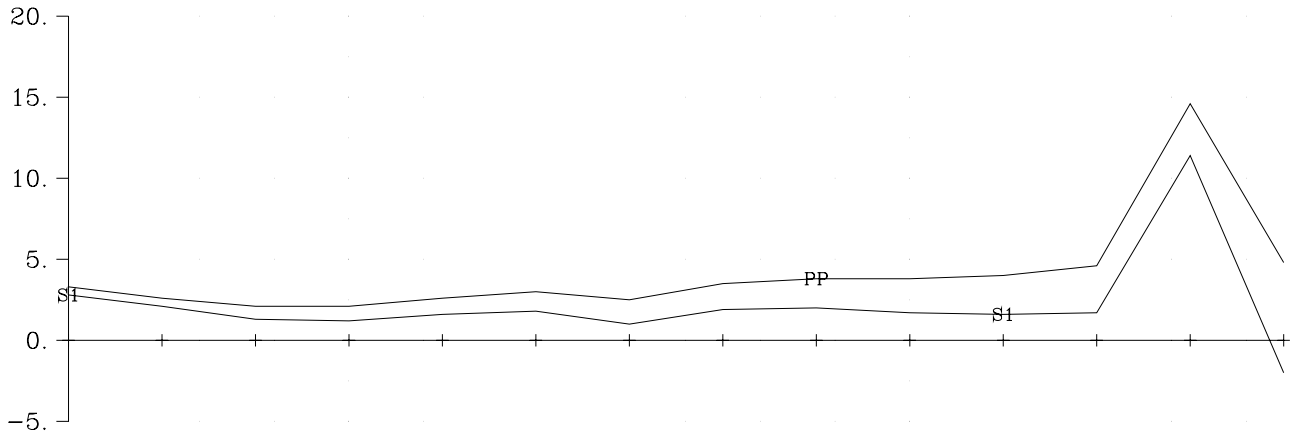


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-70 Z Component
 Crone Geophysics & Exploration Ltd.

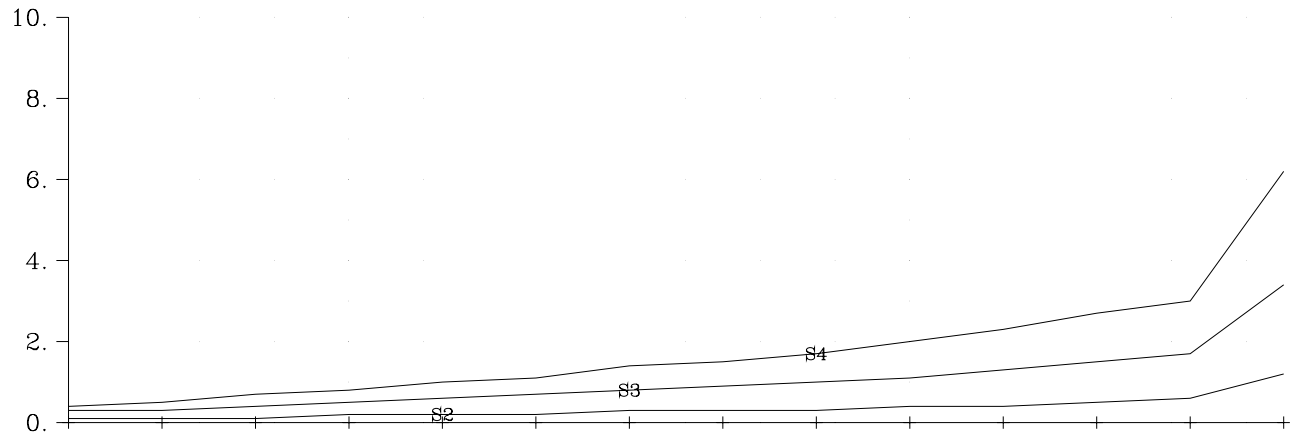
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



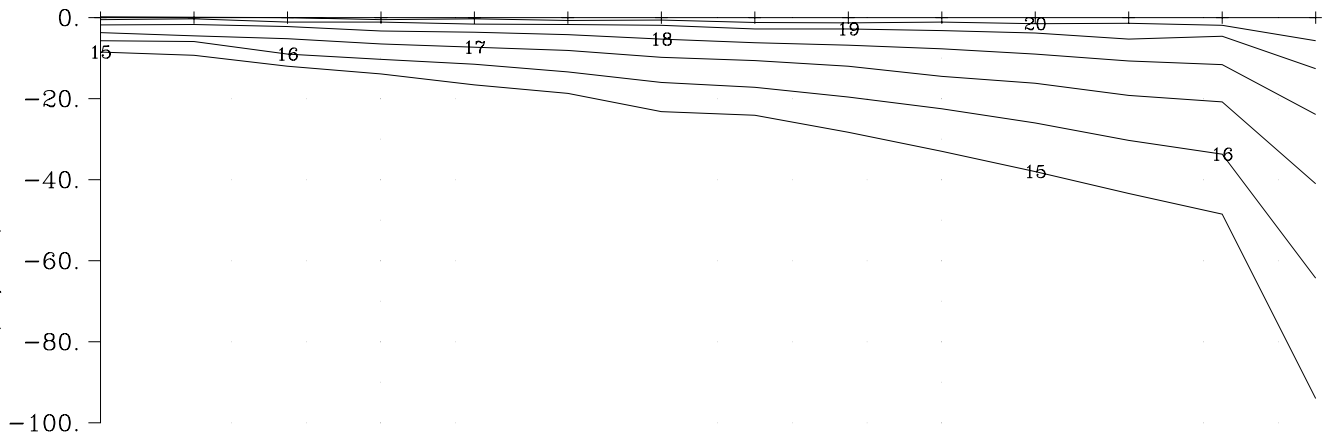
Deviation from TP.
 (% Total Theoretical)



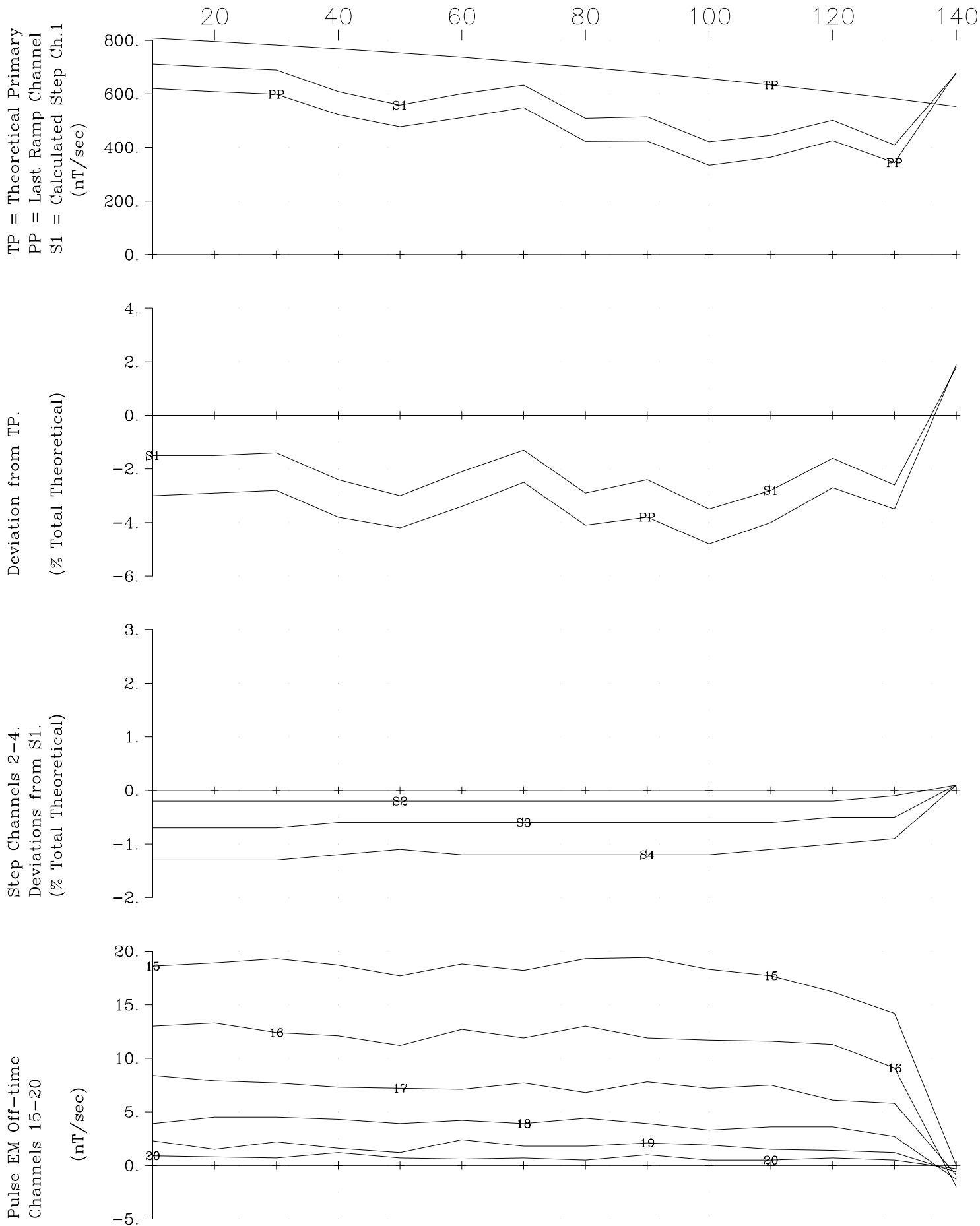
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



Pulse EM Off-time
 Channels 15-20
 (nT/sec)



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-70 X Component
 Crone Geophysics & Exploration Ltd.



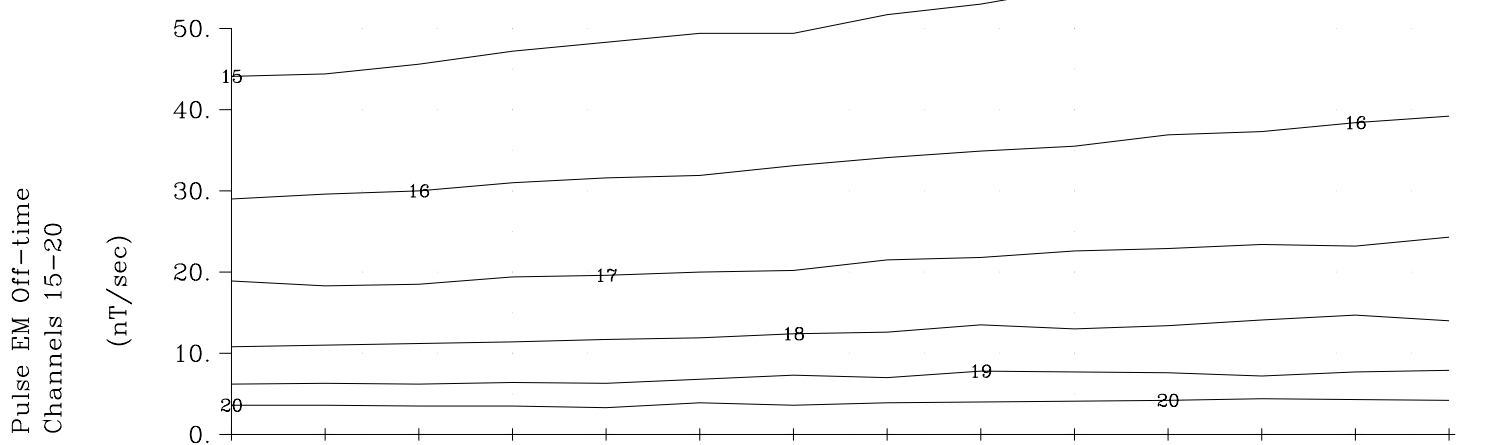
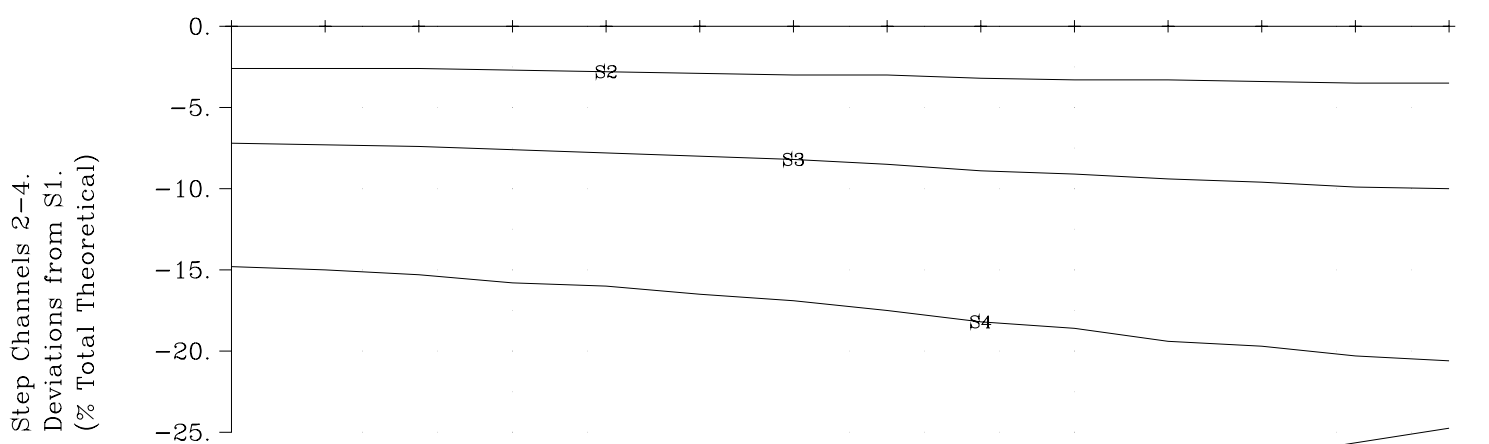
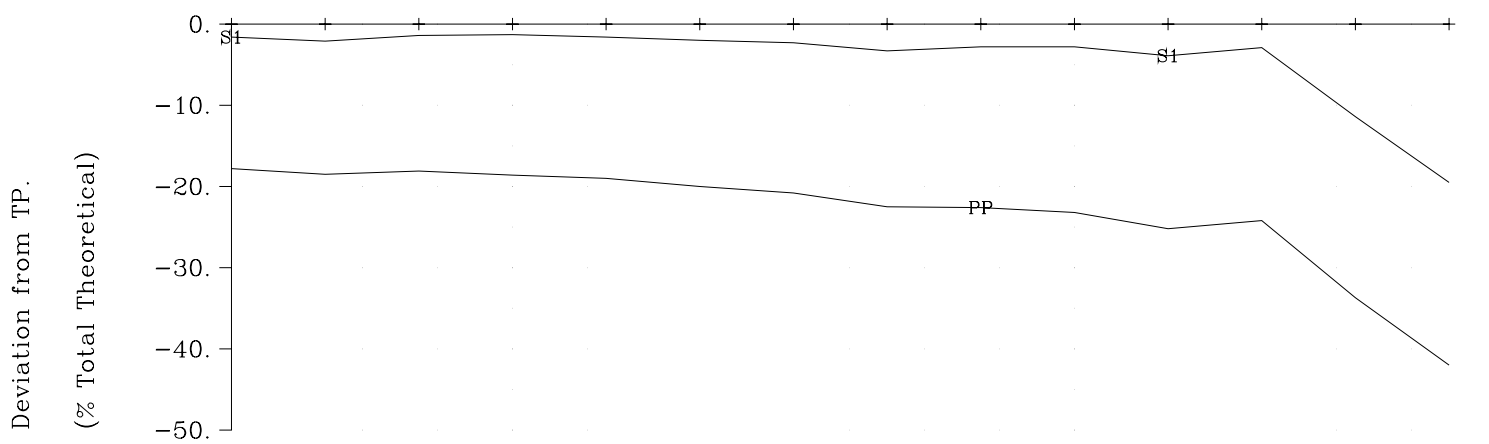
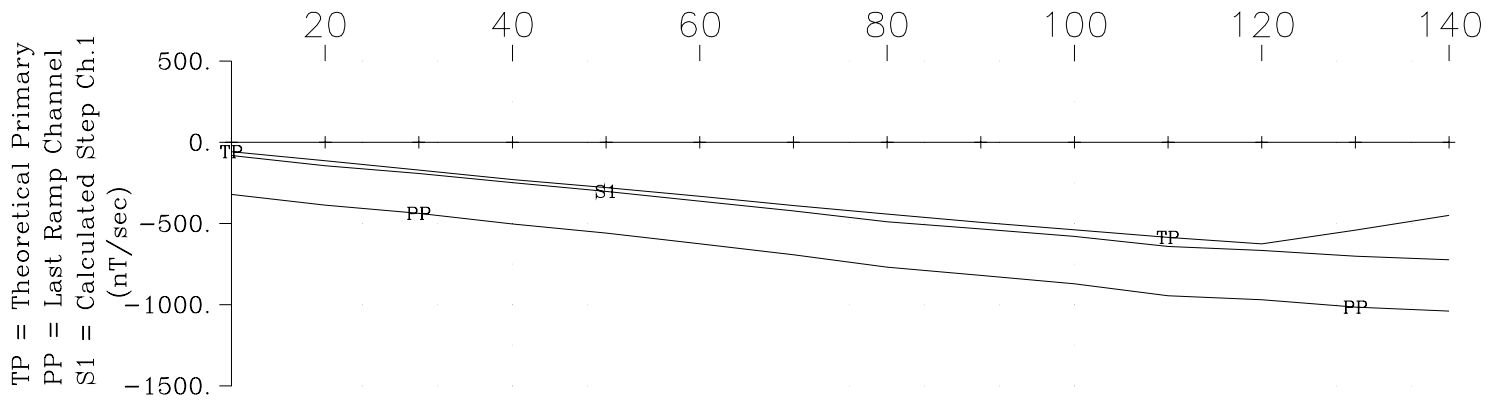
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)

Deviation from TP.
 (% Total Theoretical)

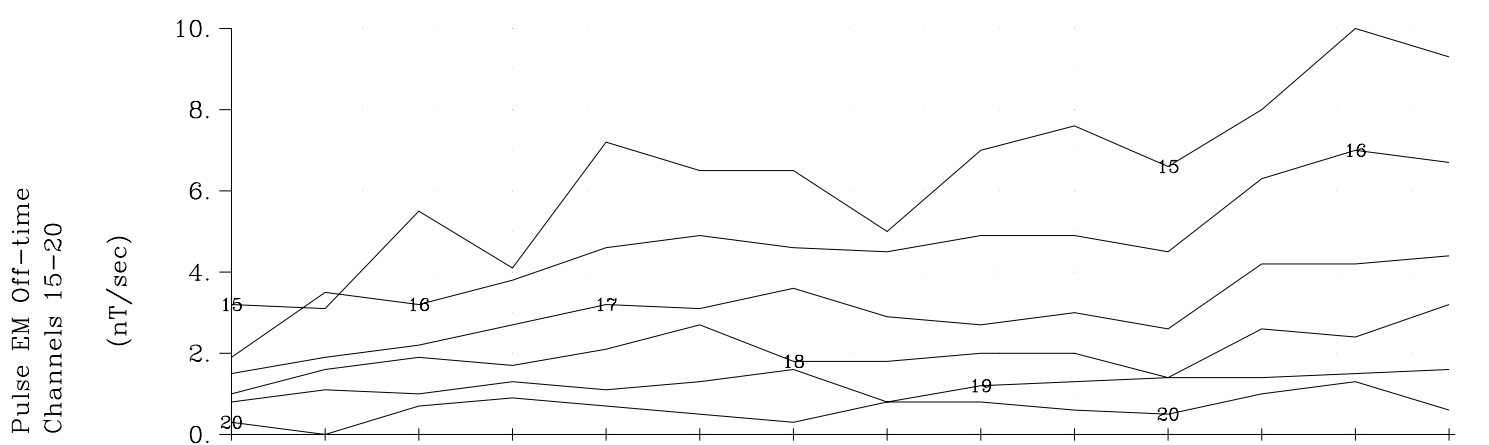
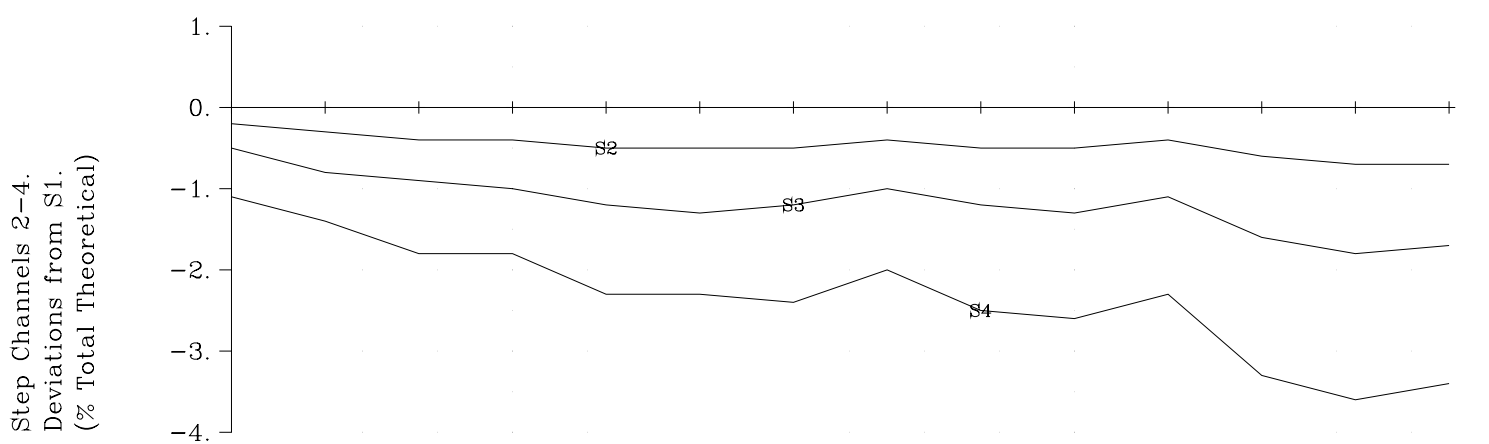
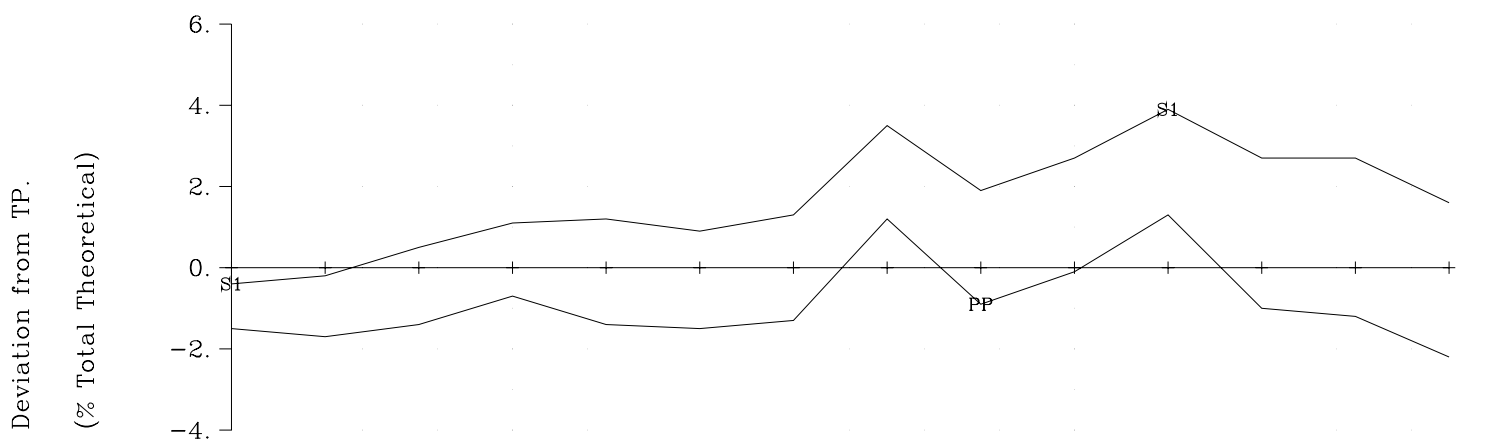
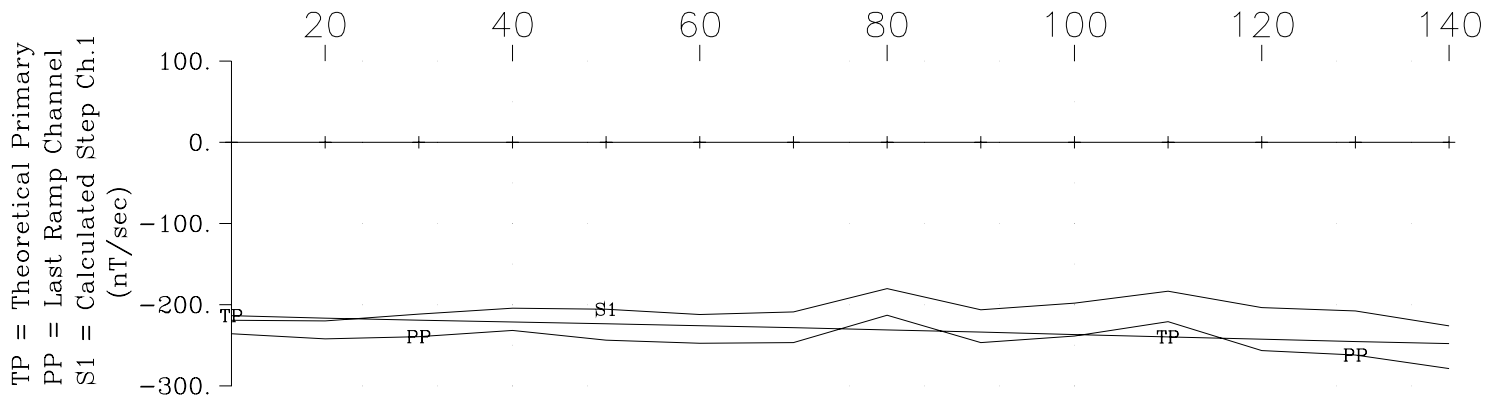
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

Pulse EM Off-time
 Channels 15-20
 (nT/sec)

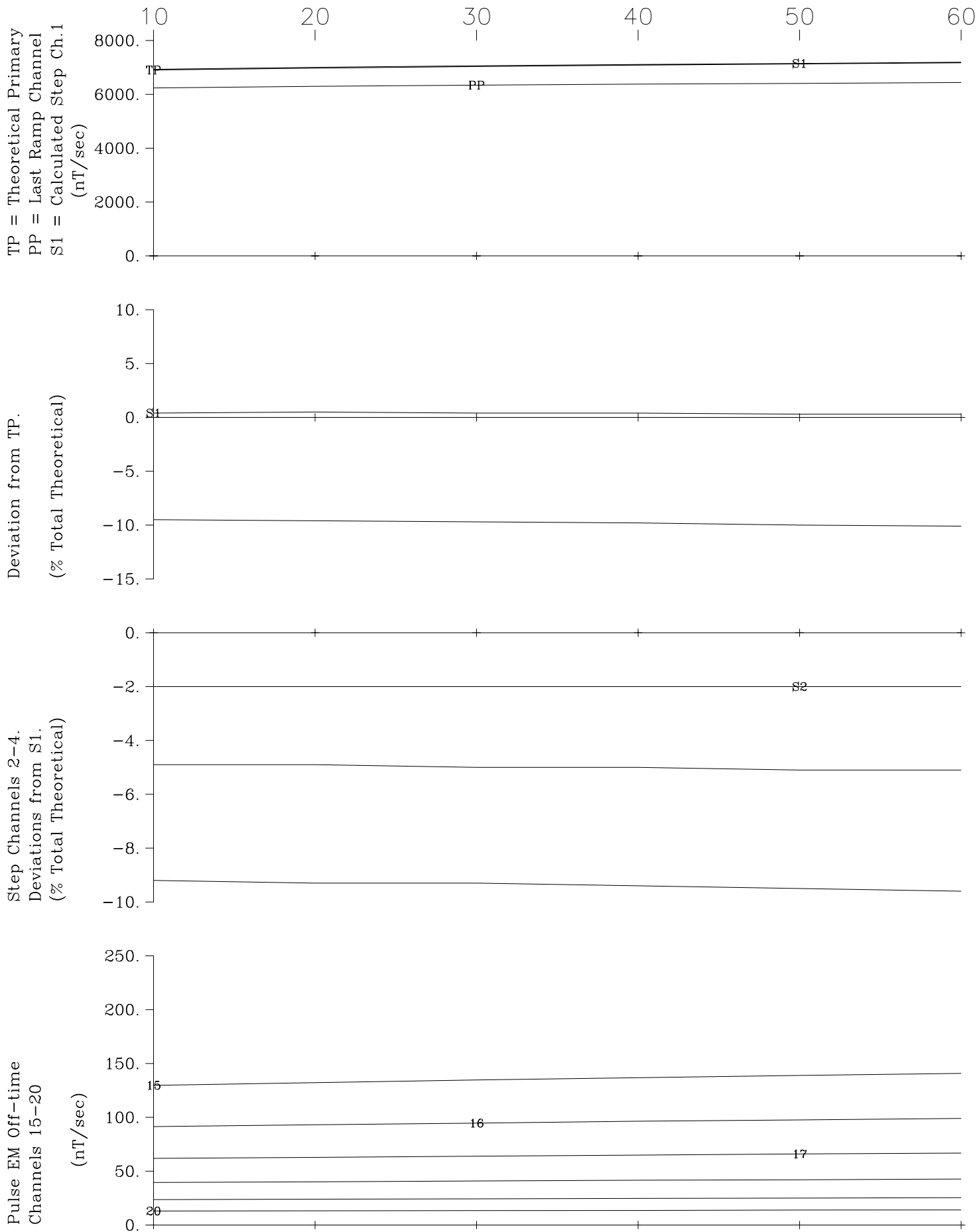
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-70 Y Component
 Crone Geophysics & Exploration Ltd.



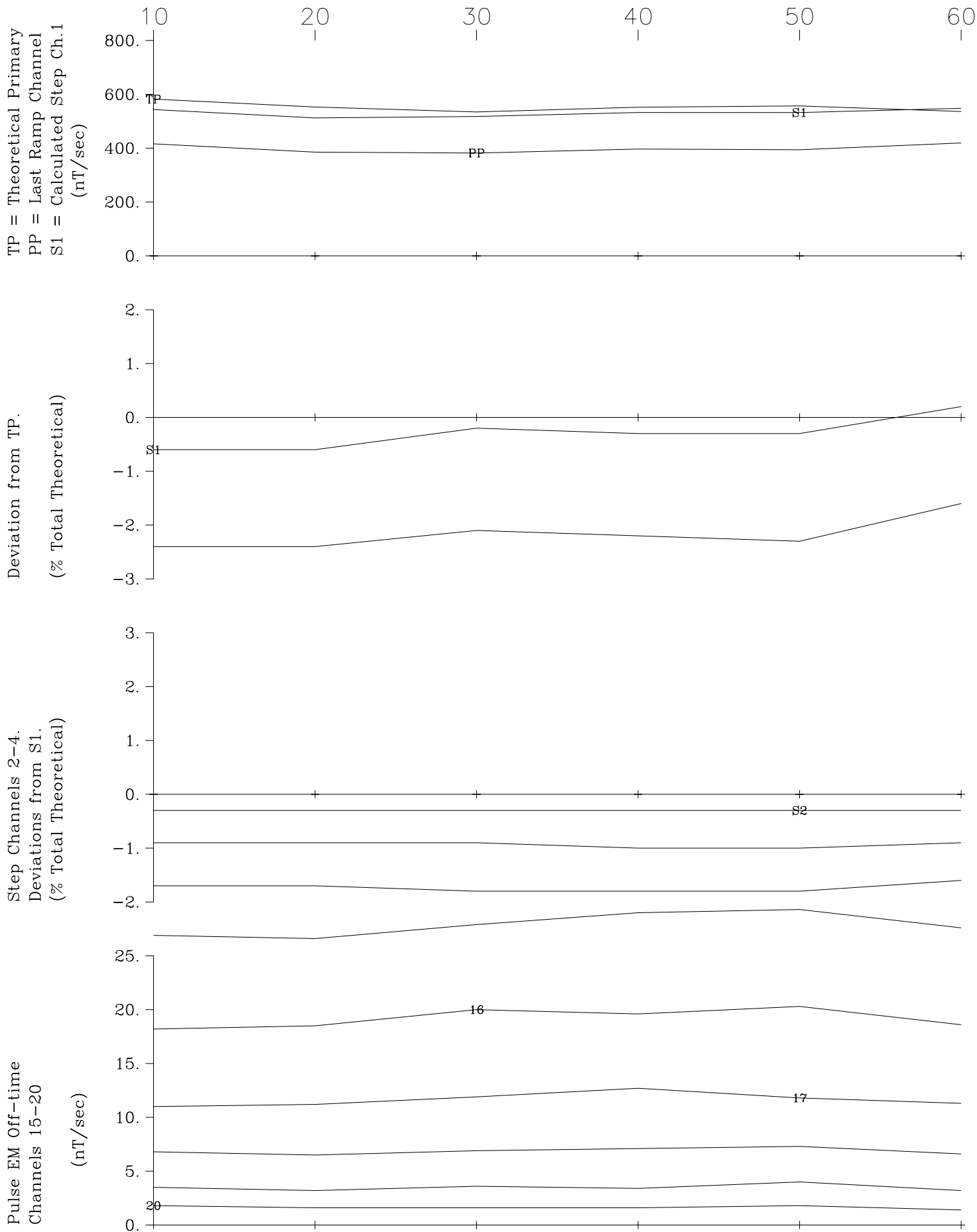
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-70 X Component
 Crone Geophysics & Exploration Ltd.



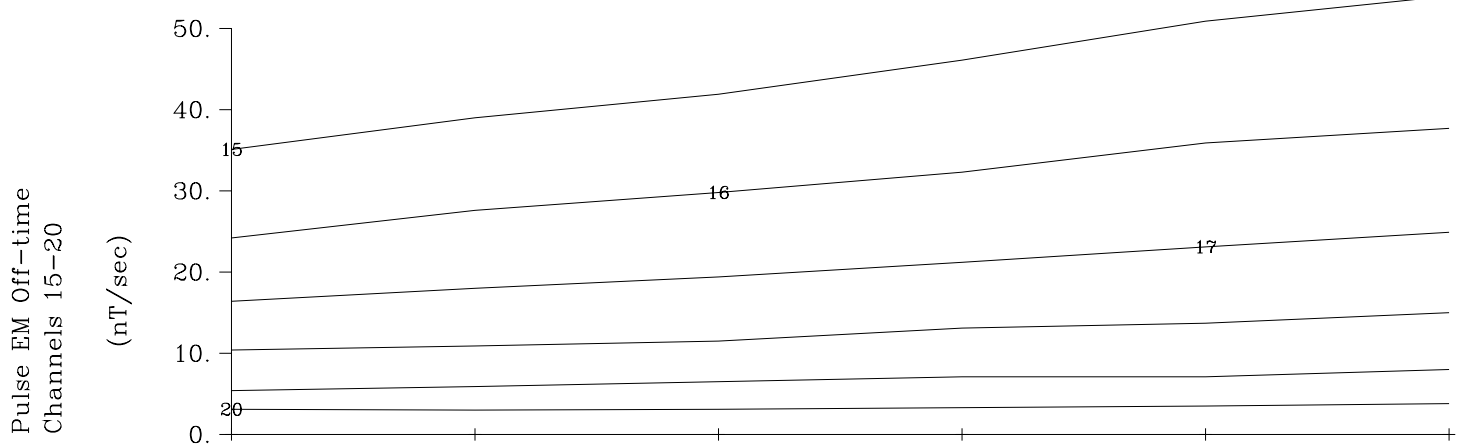
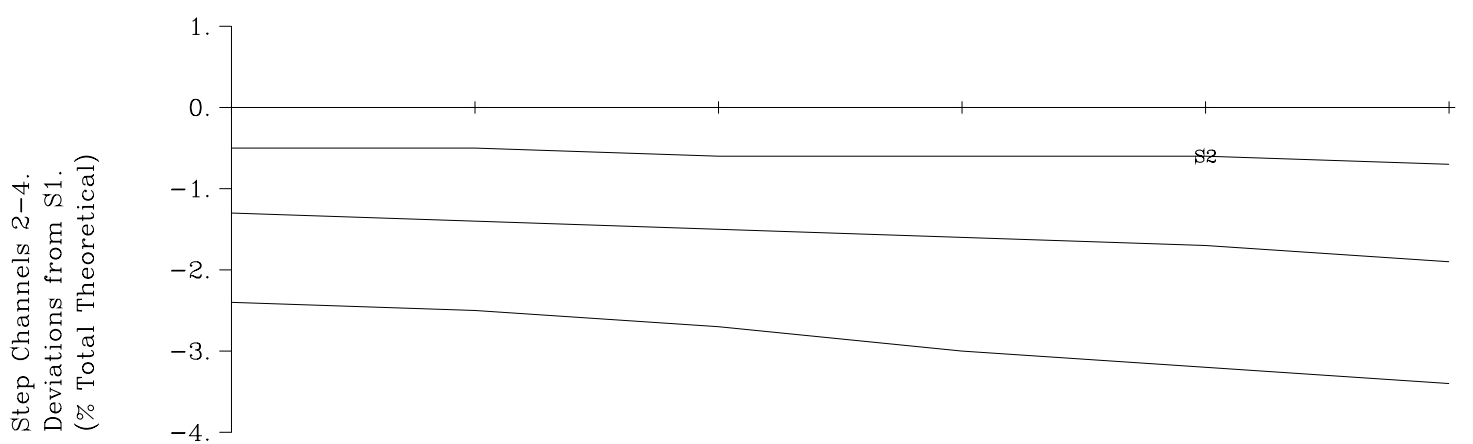
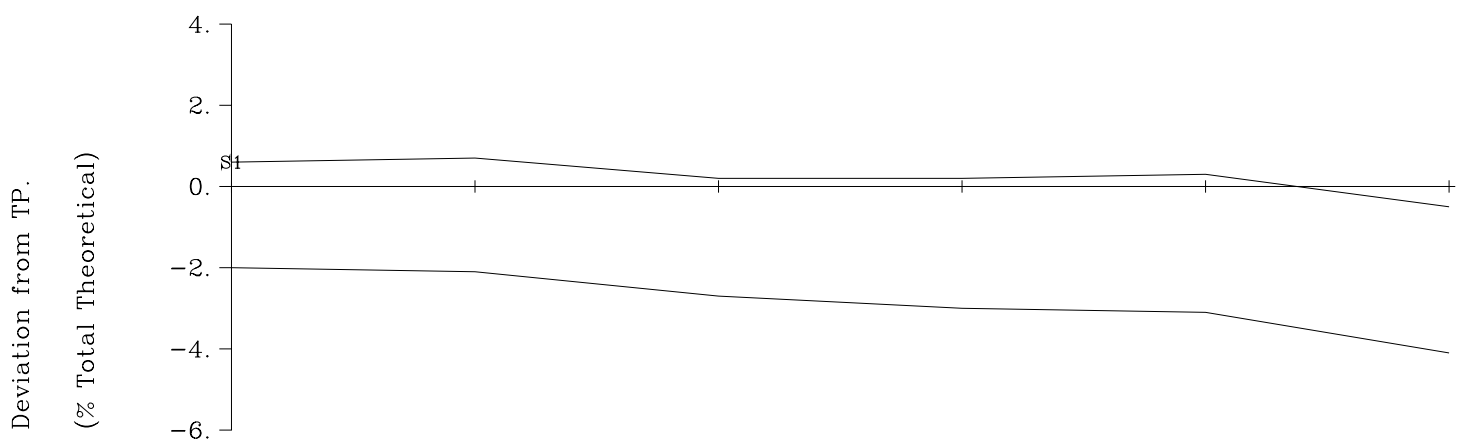
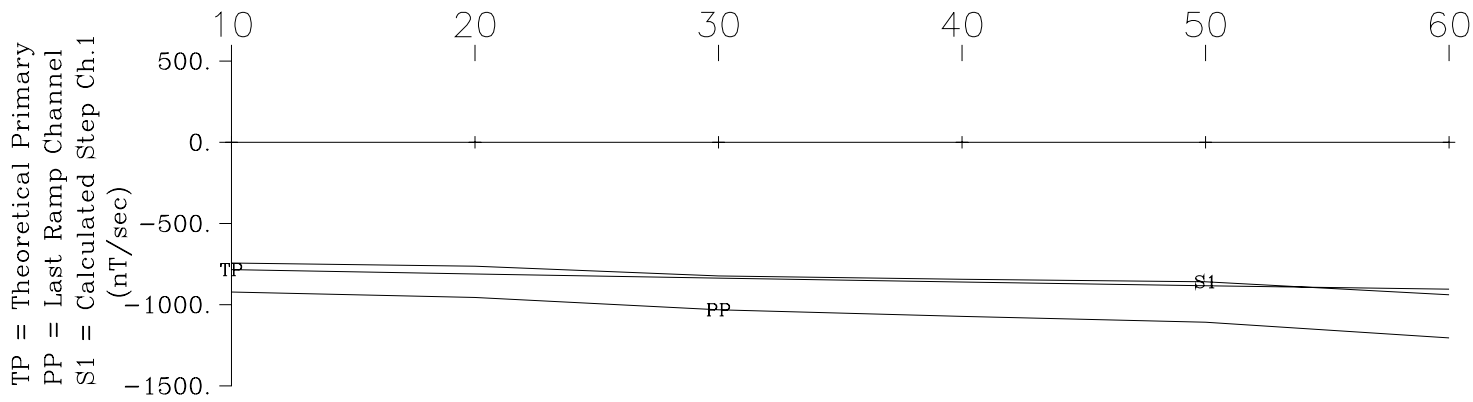
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-70 Y Component
 Crone Geophysics & Exploration Ltd.



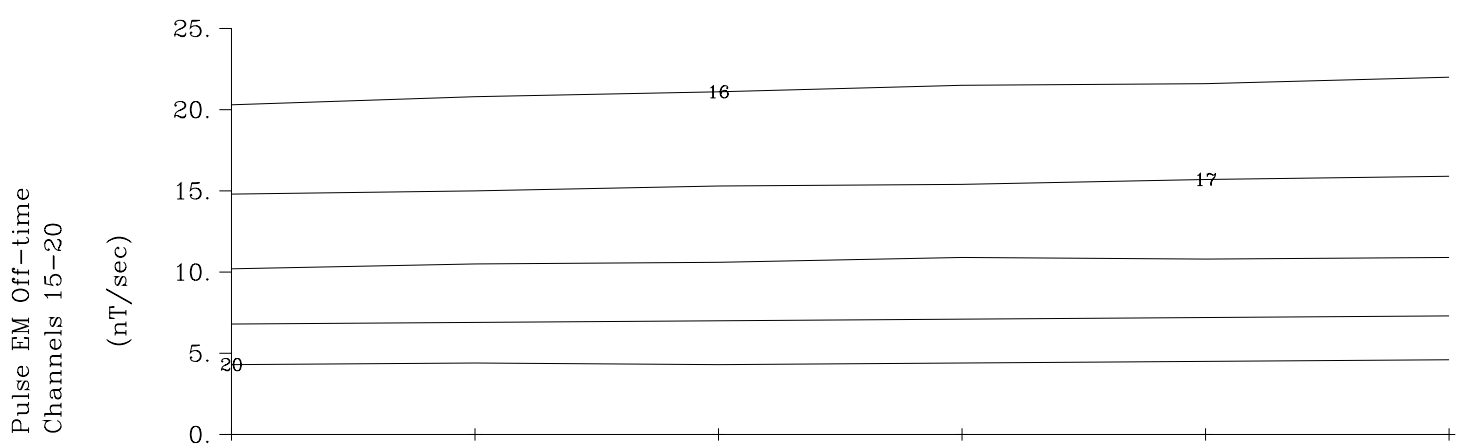
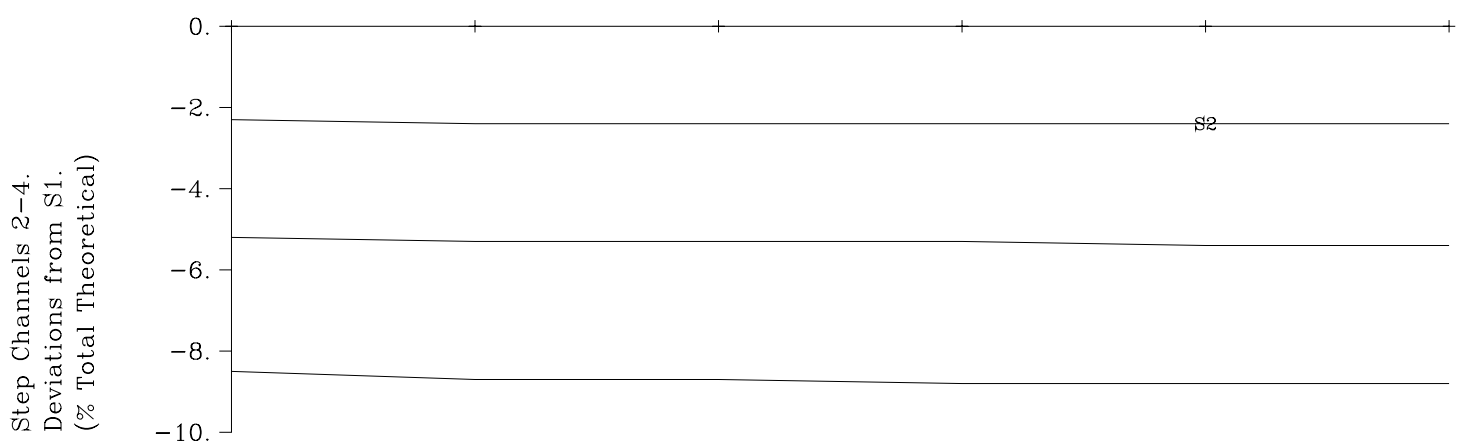
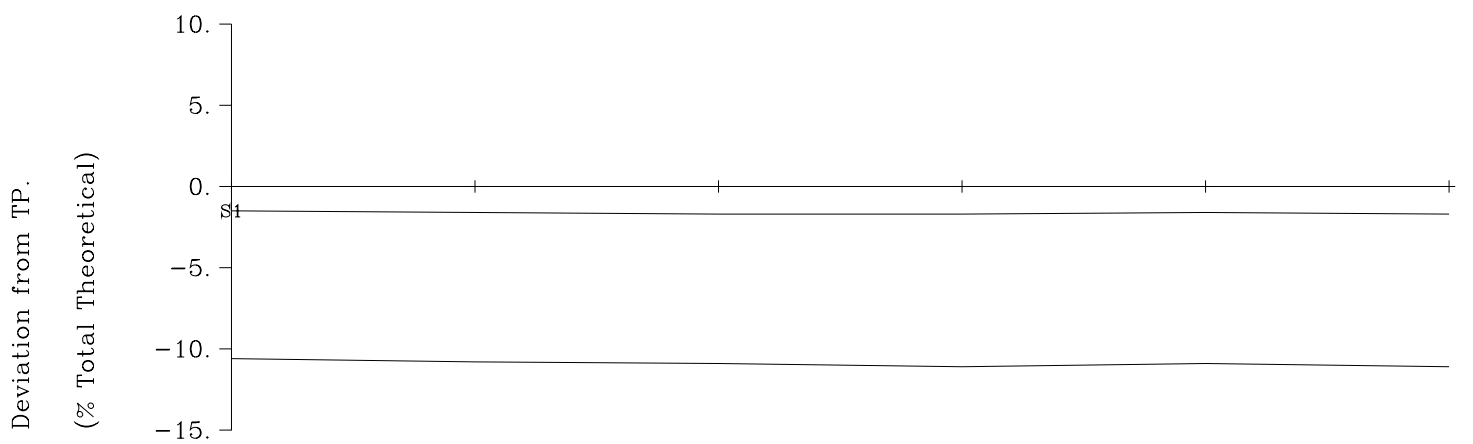
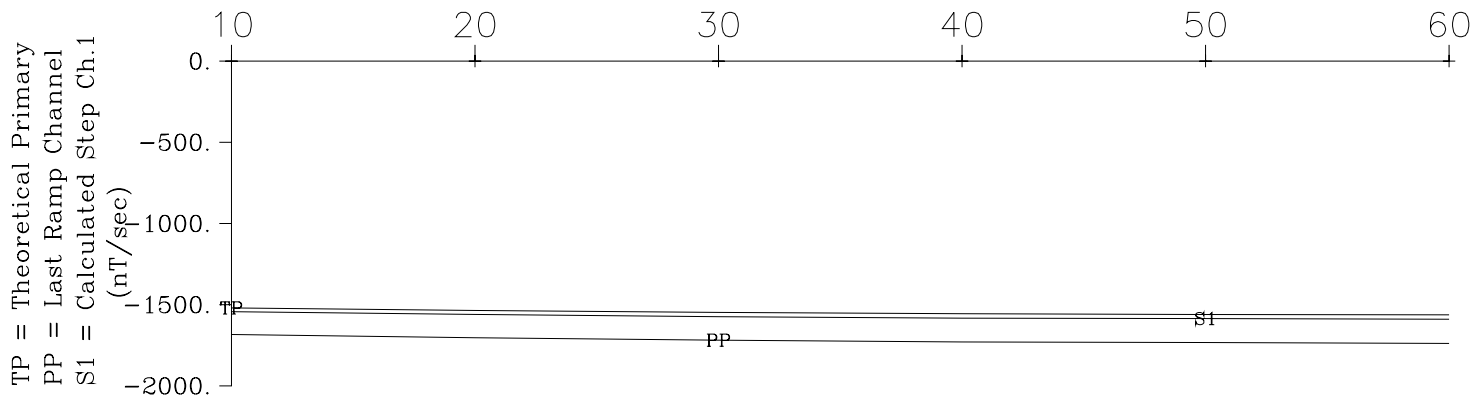
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-72 Z Component
 Crone Geophysics & Exploration Ltd.



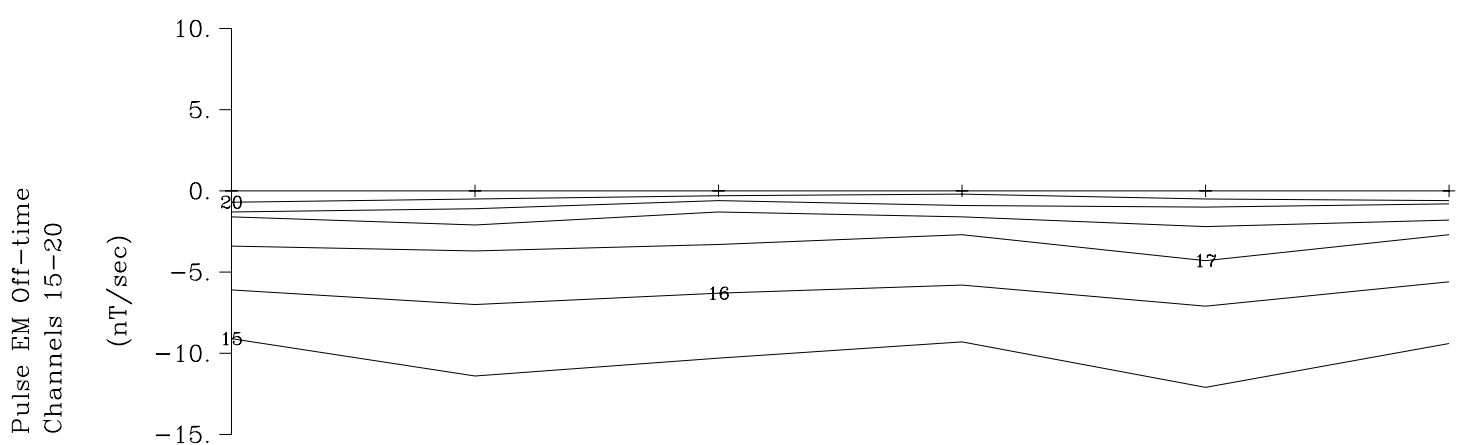
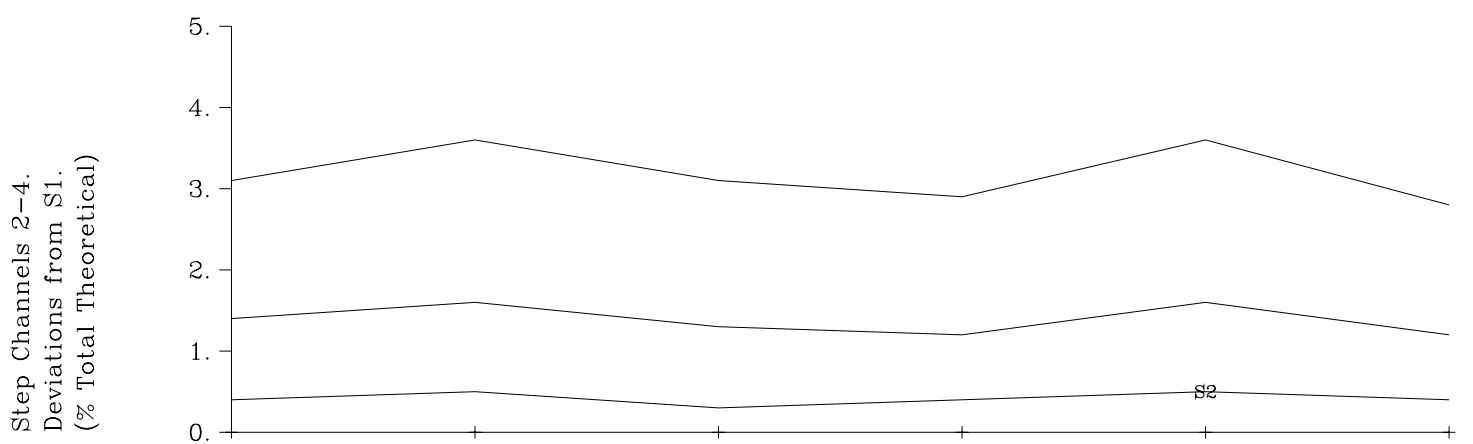
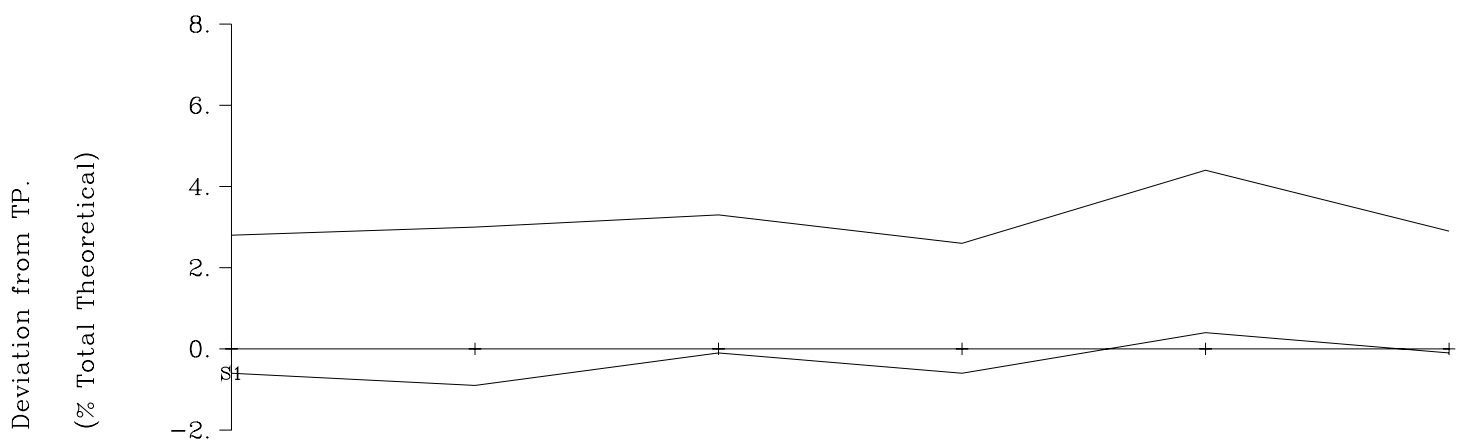
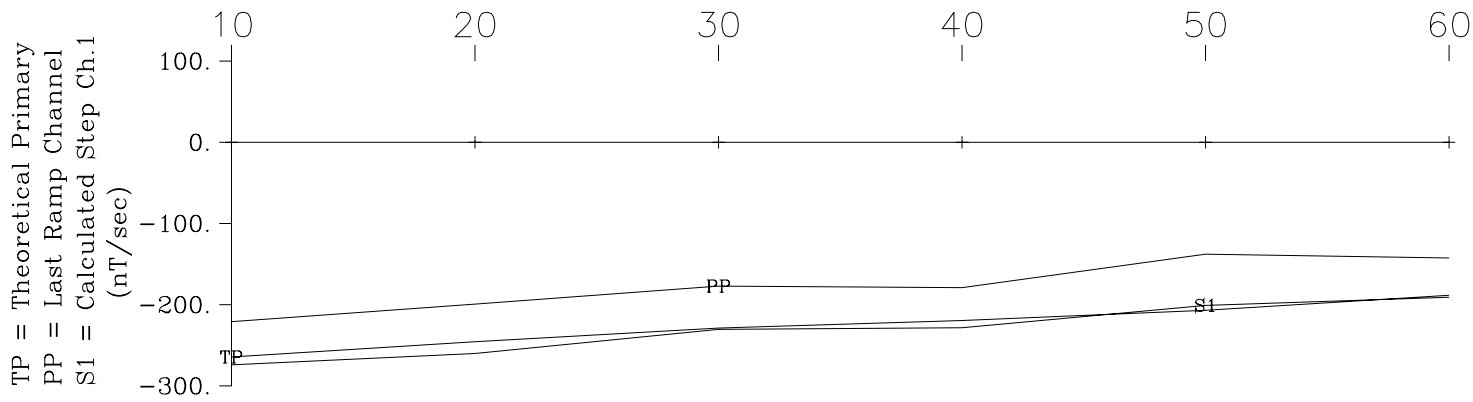
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-72 X Component
 Crone Geophysics & Exploration Ltd.



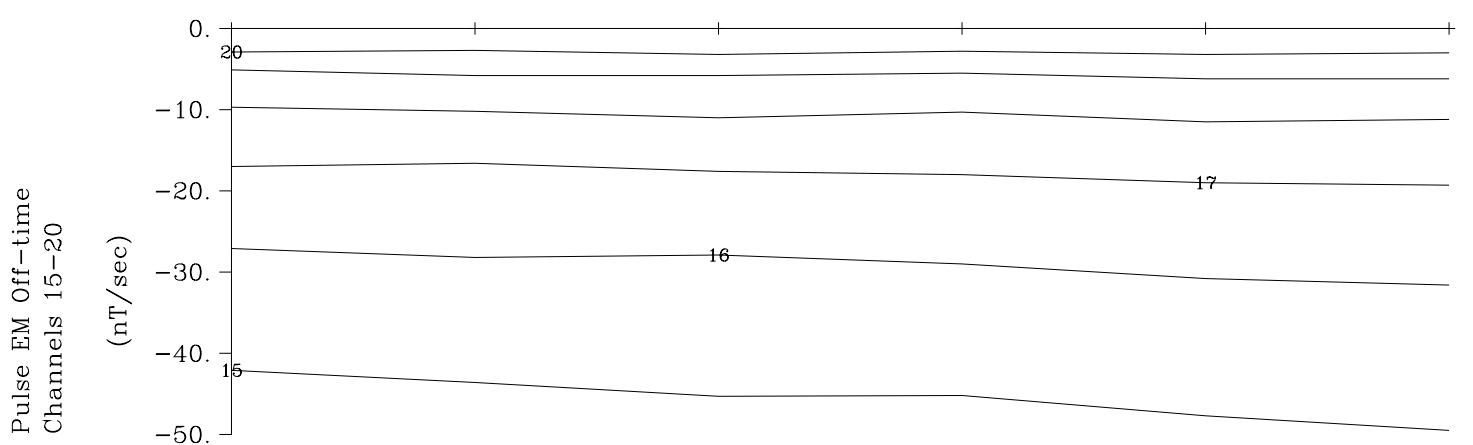
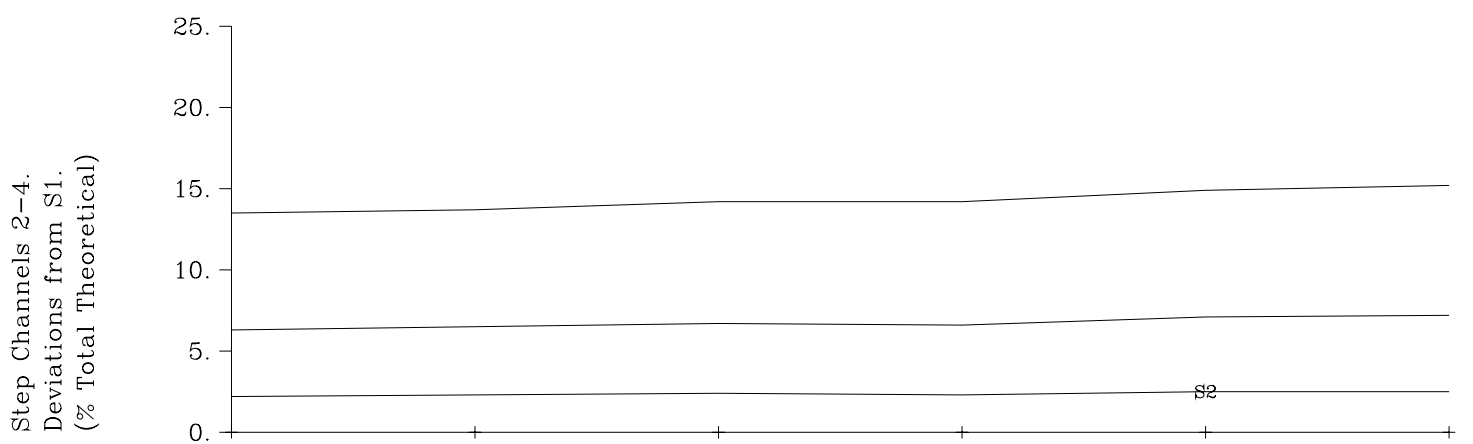
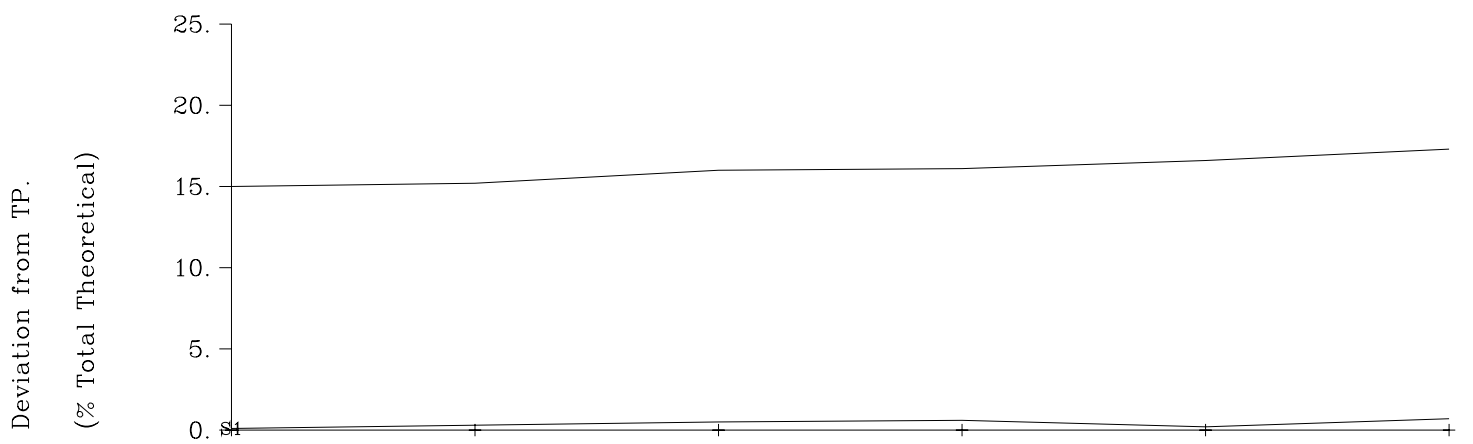
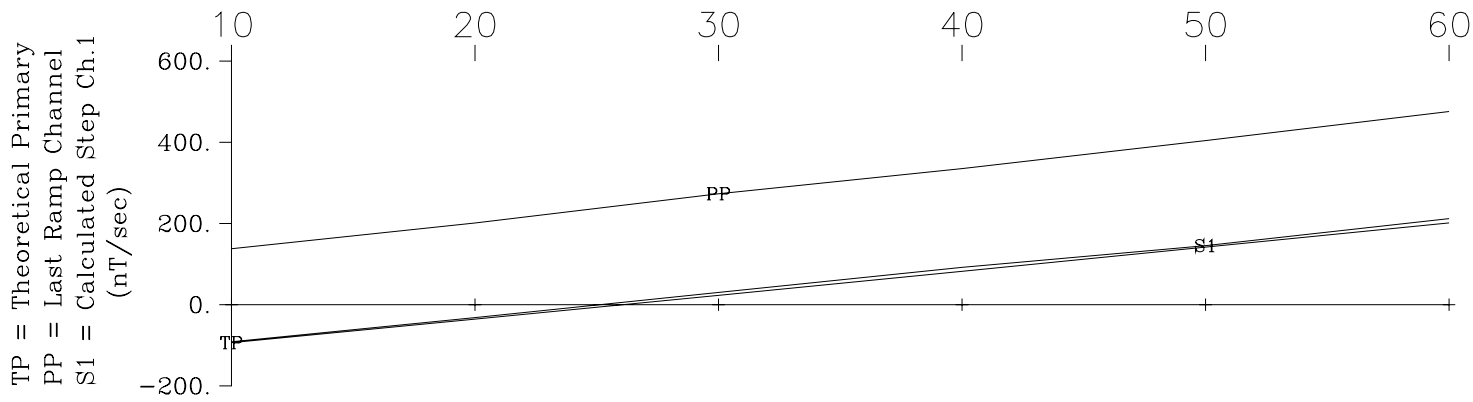
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-72 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-72 Z Component
 Crone Geophysics & Exploration Ltd.

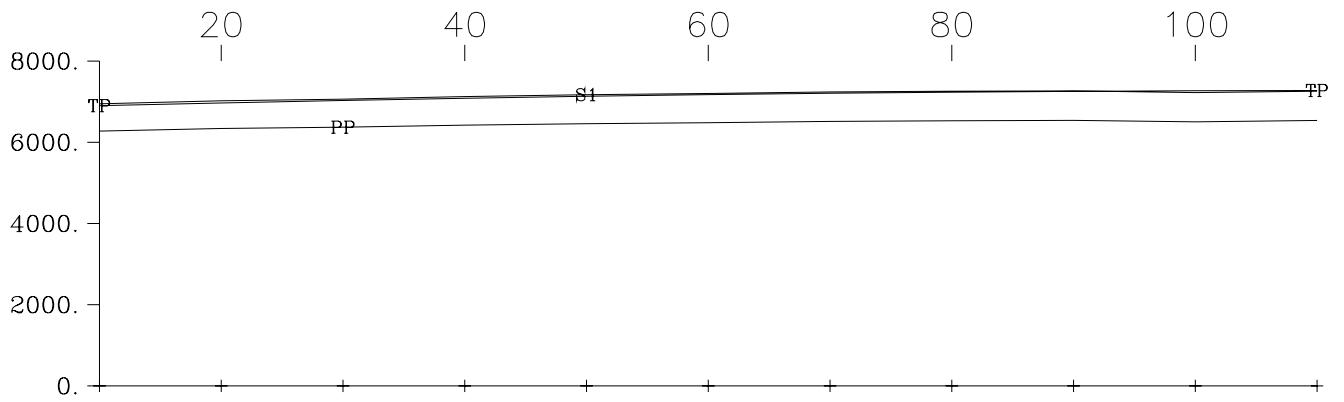


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-72 X Component
 Crone Geophysics & Exploration Ltd.

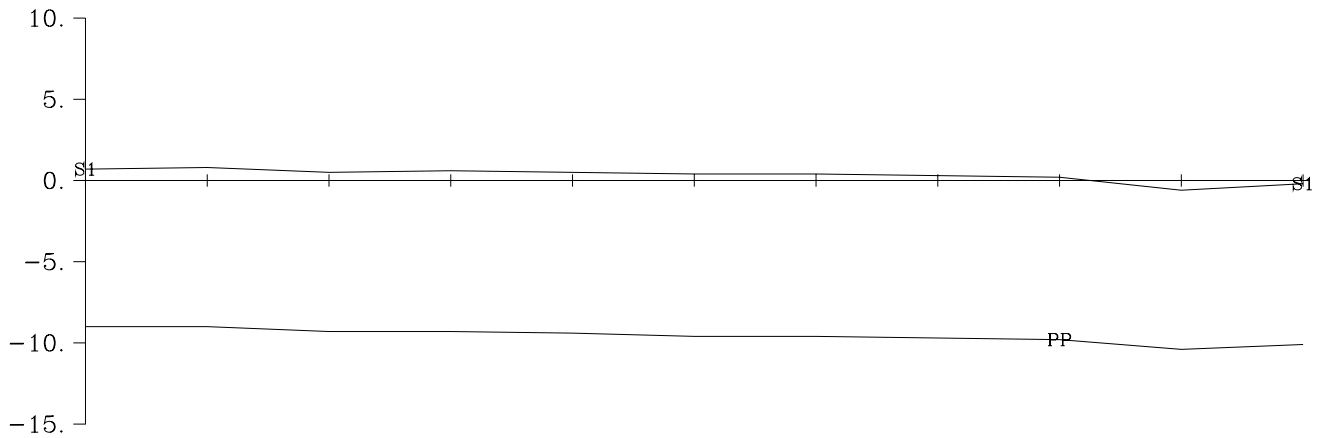


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-72 Y Component
 Crone Geophysics & Exploration Ltd.

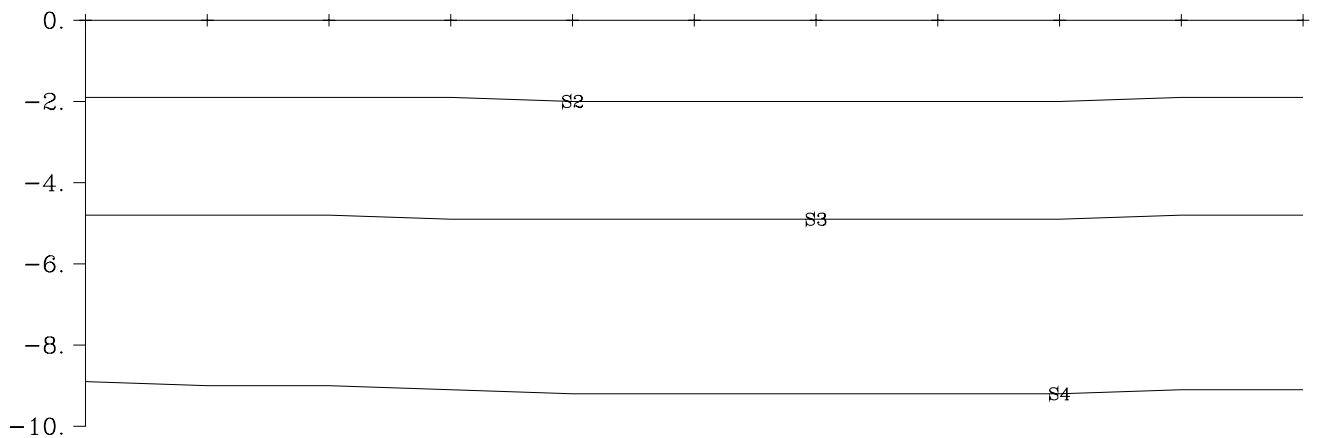
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



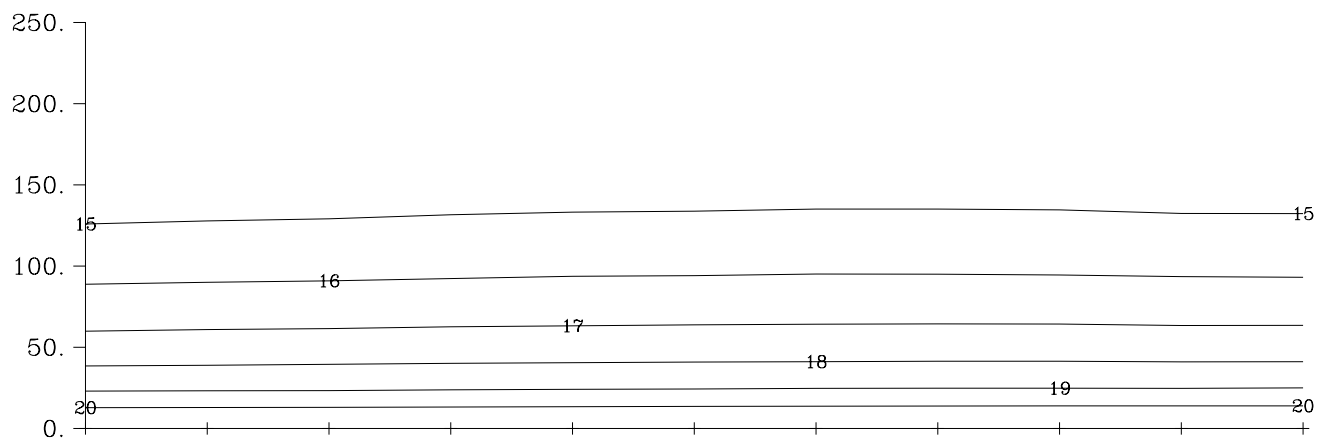
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

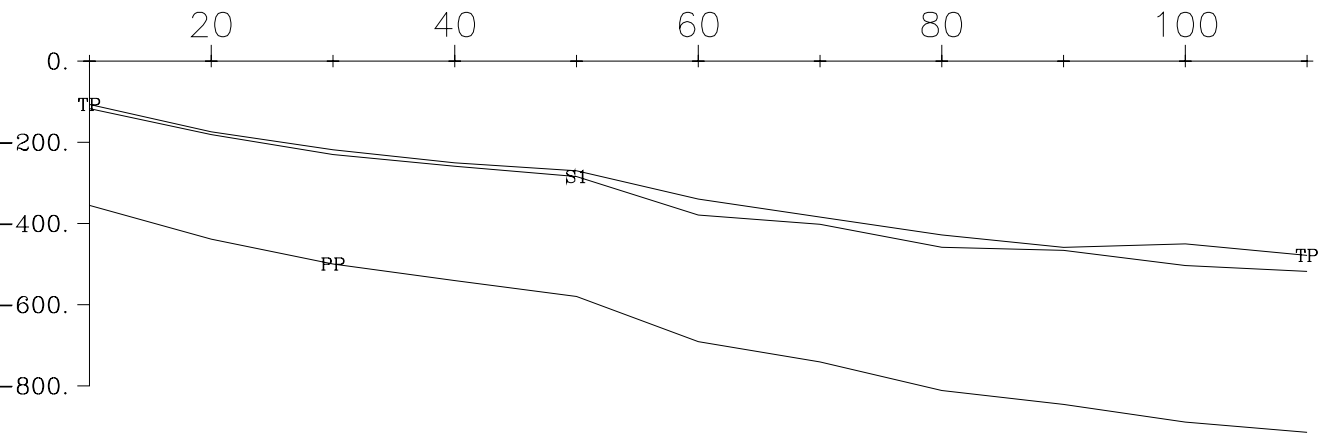


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

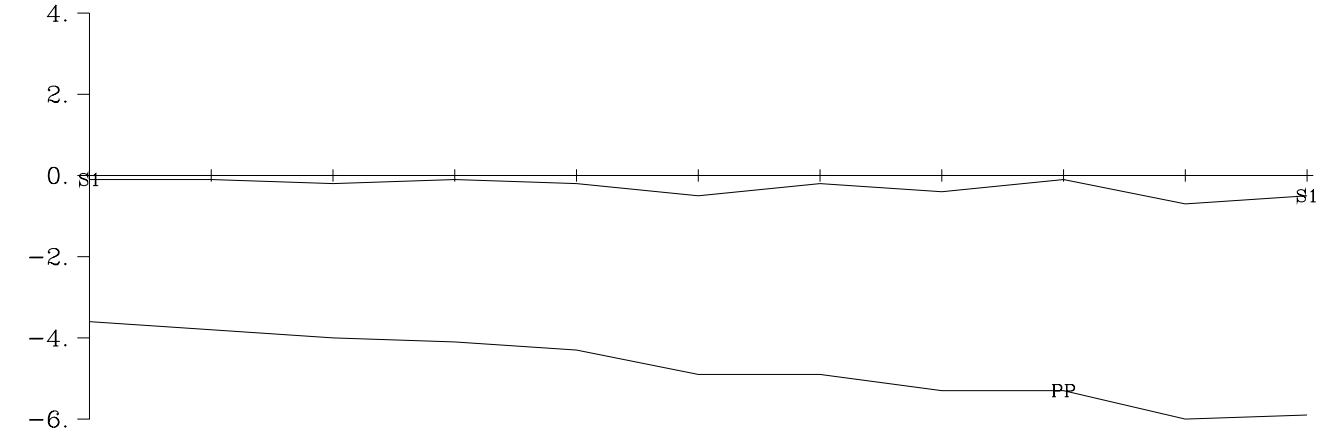


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-73 Z Component
 Crone Geophysics & Exploration Ltd.

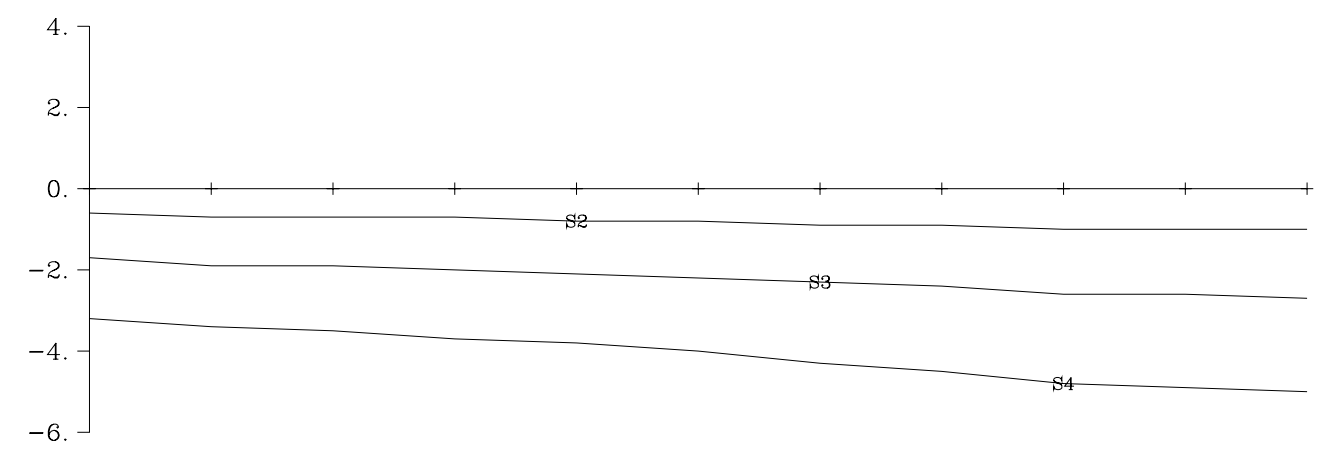
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



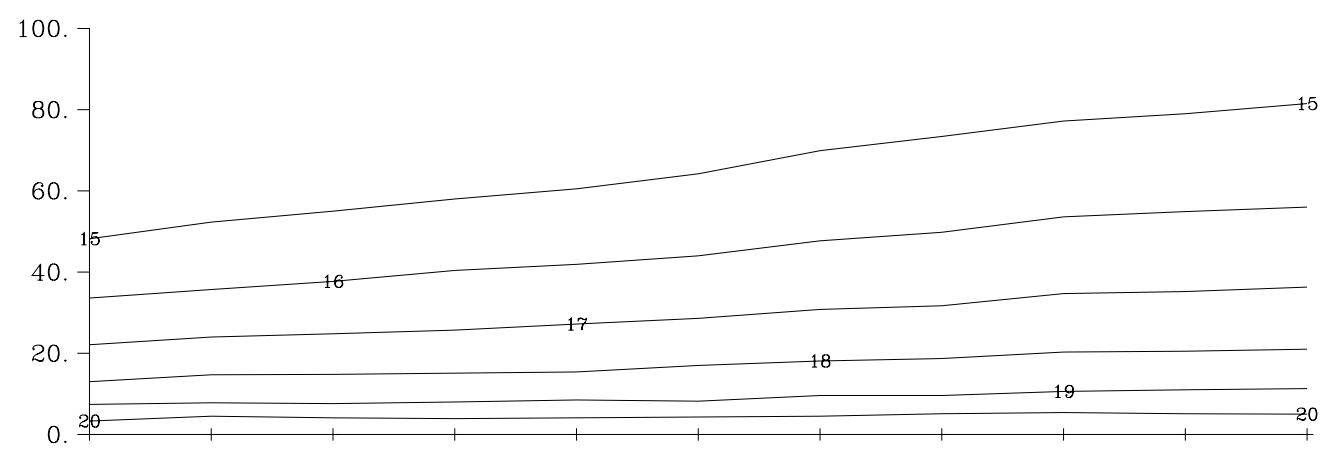
Deviation from TP.
 (% Total Theoretical)



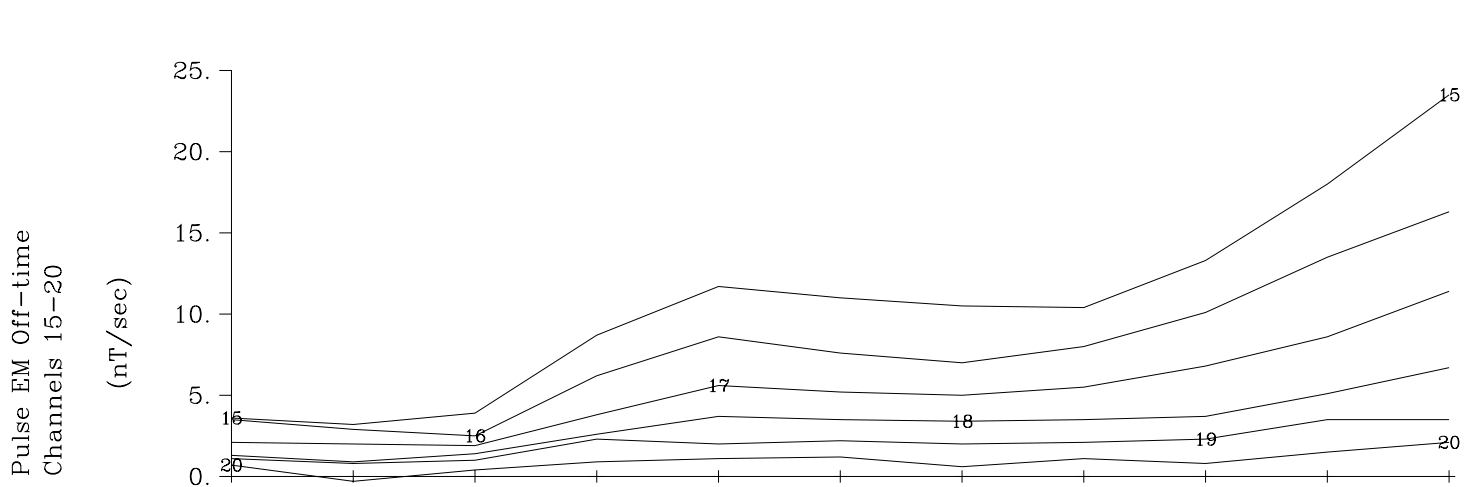
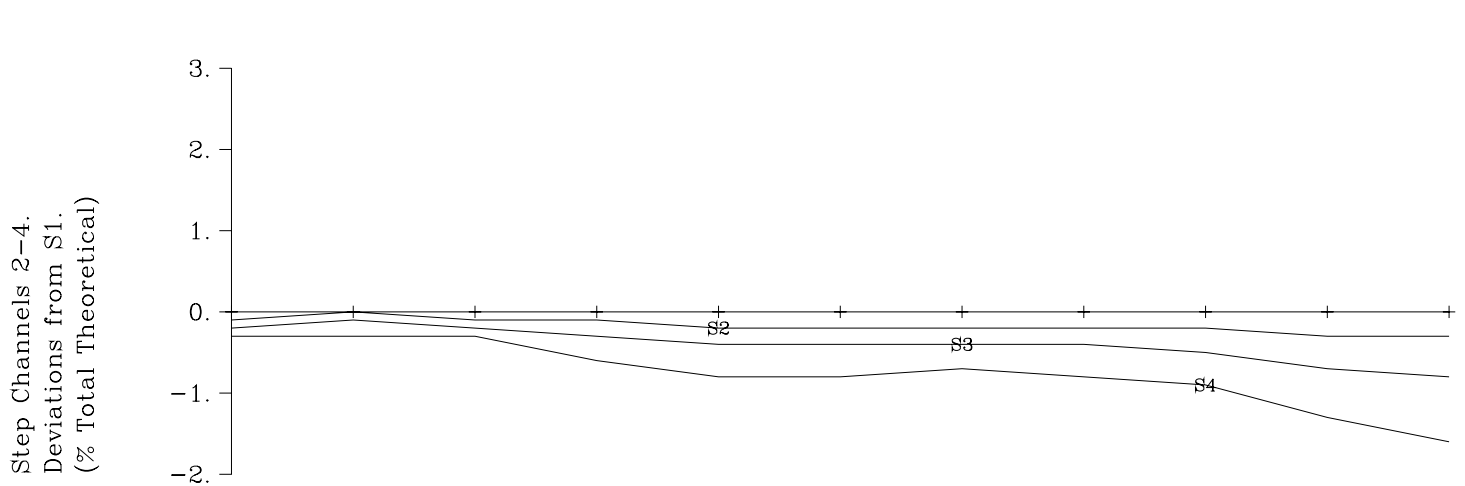
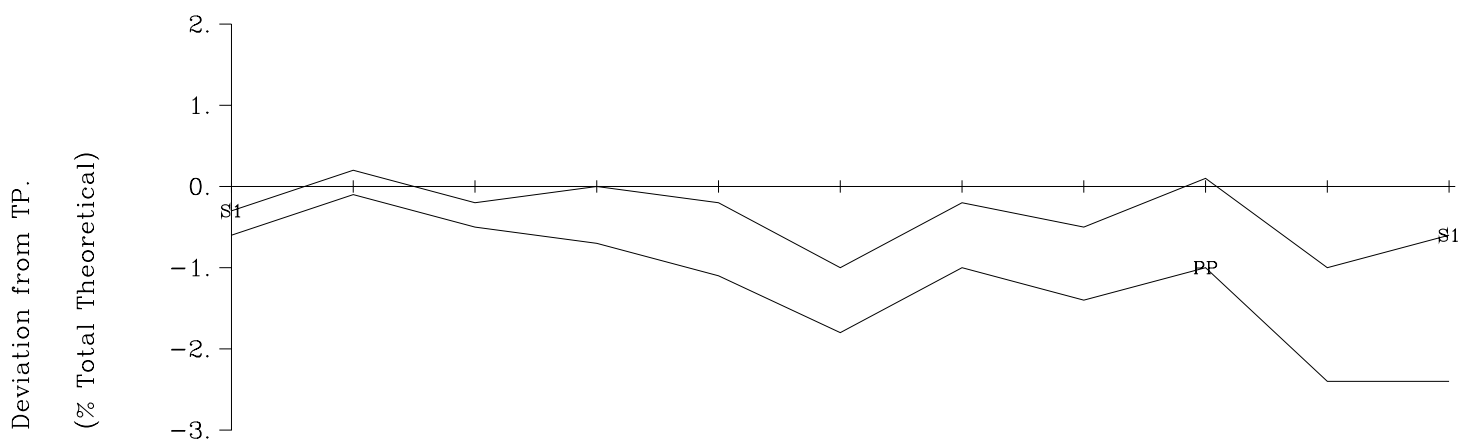
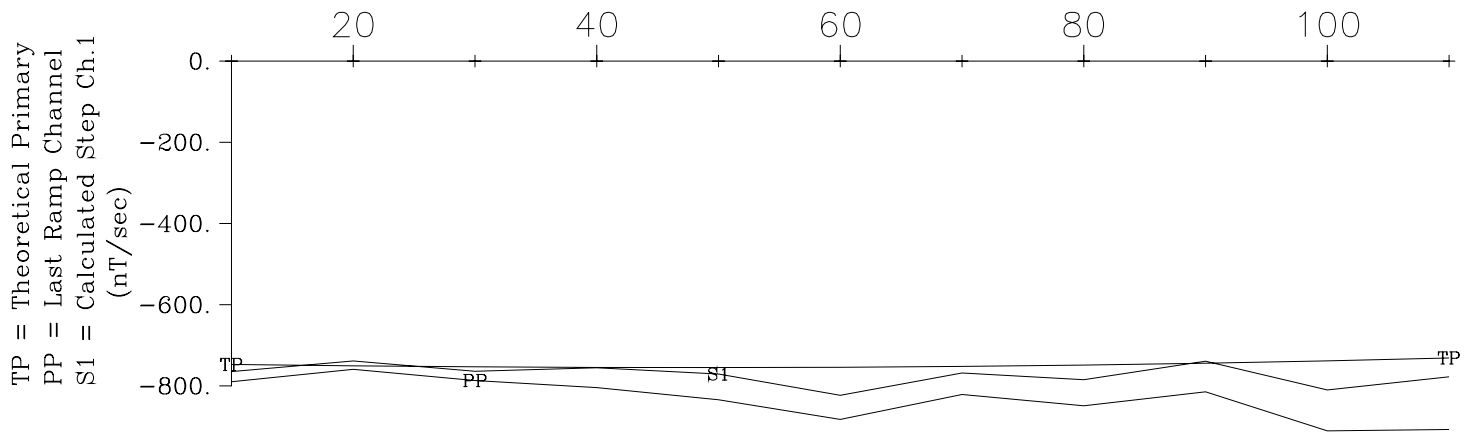
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



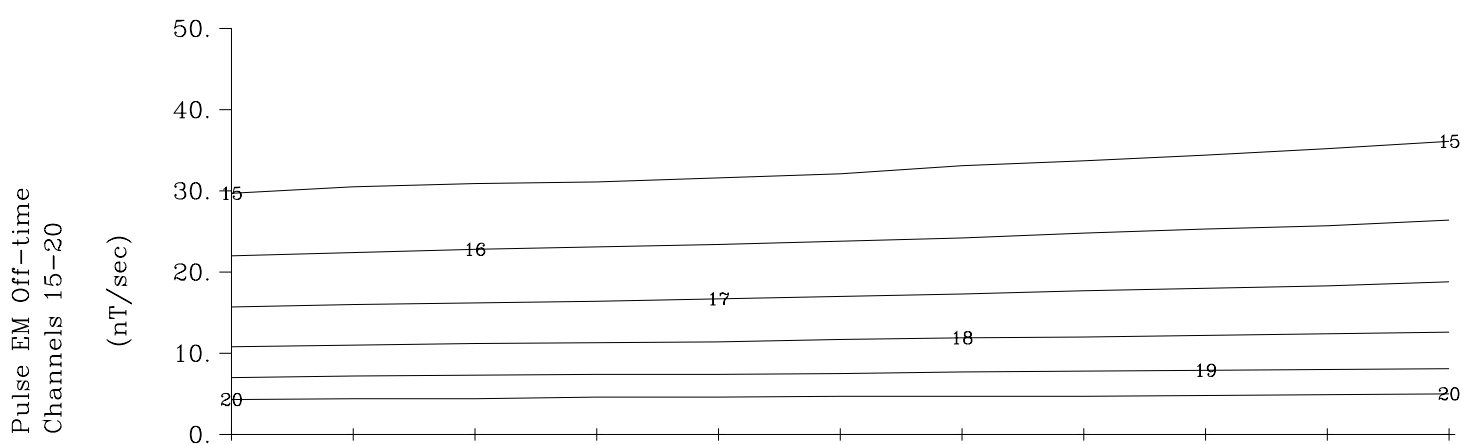
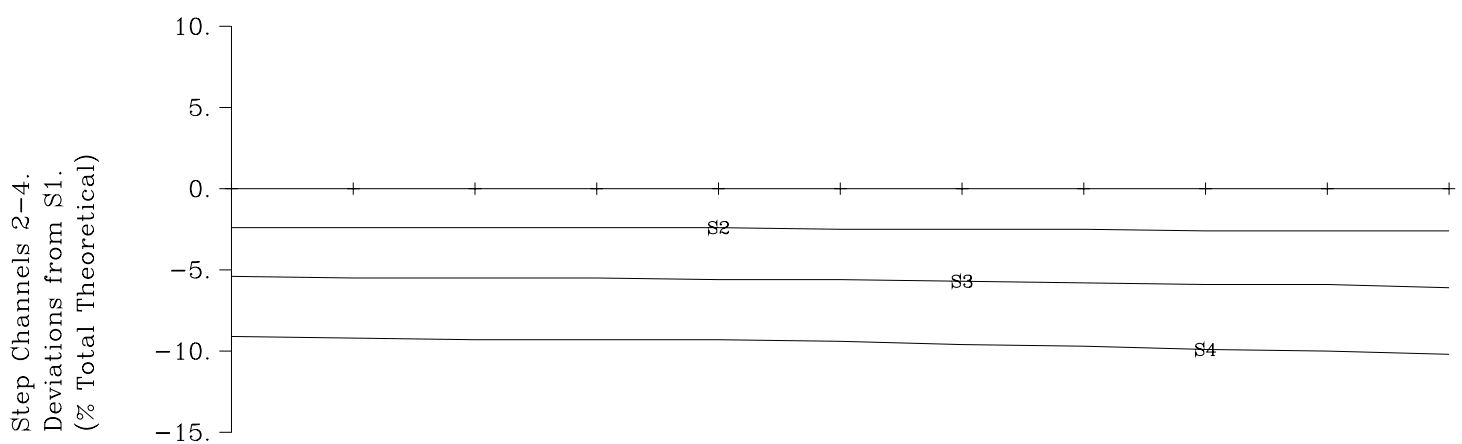
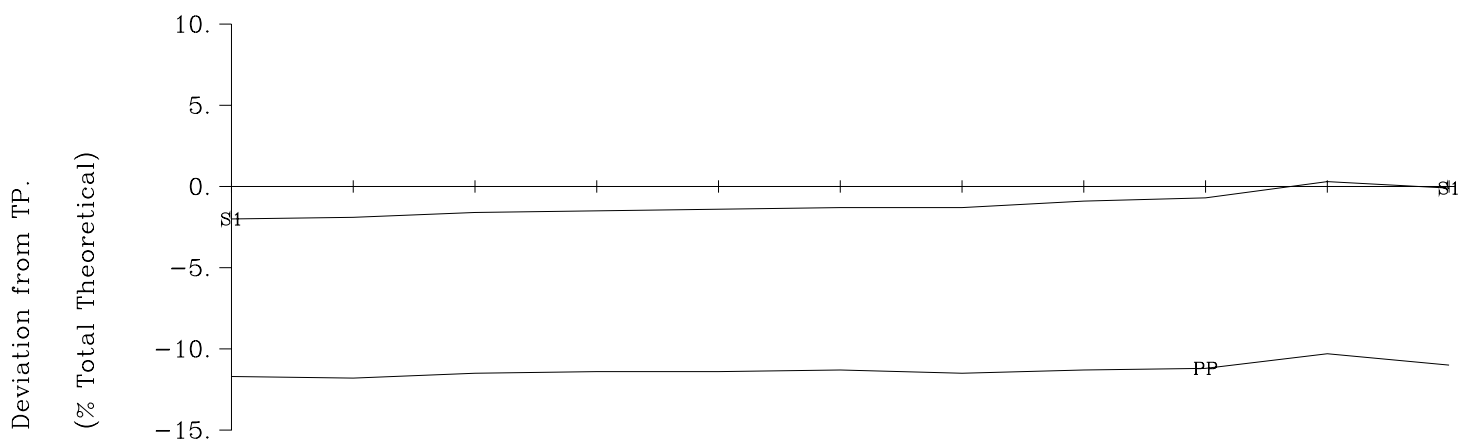
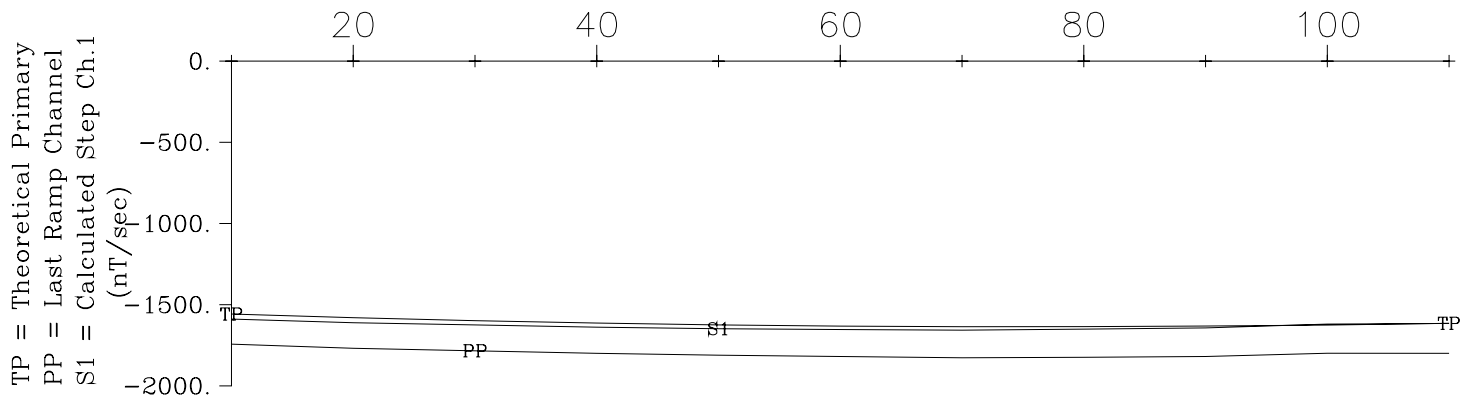
Pulse EM Off-time
 Channels 15-20
 (nT/sec)



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-73 X Component
 Crone Geophysics & Exploration Ltd.

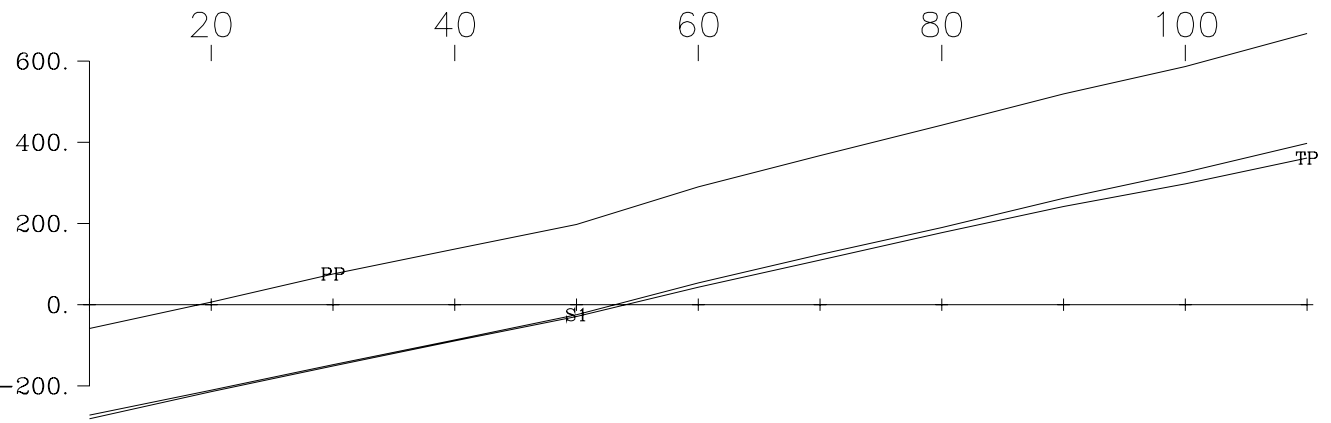


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-73 Y Component
 Crone Geophysics & Exploration Ltd.

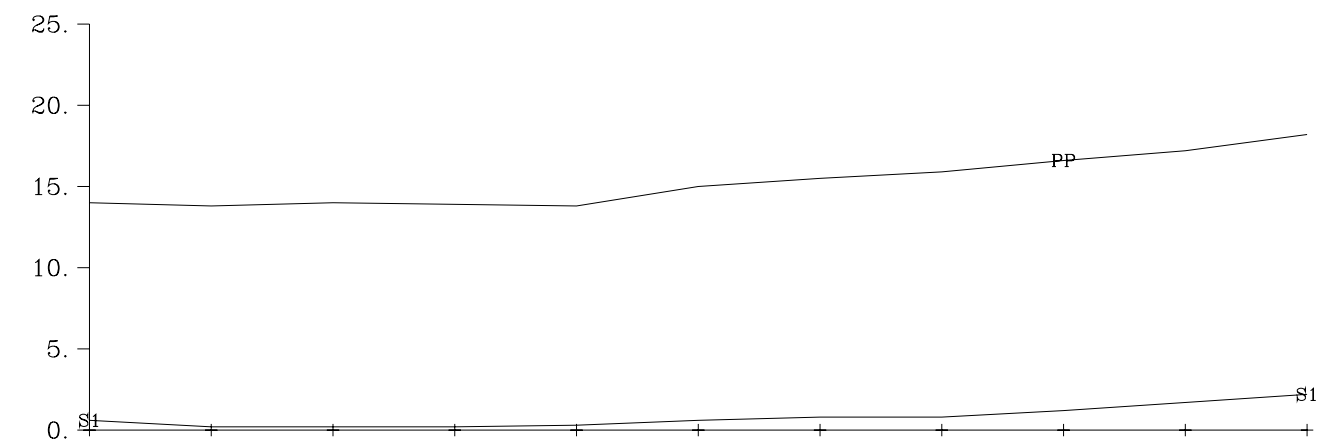


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-73 Z Component
 Crone Geophysics & Exploration Ltd.

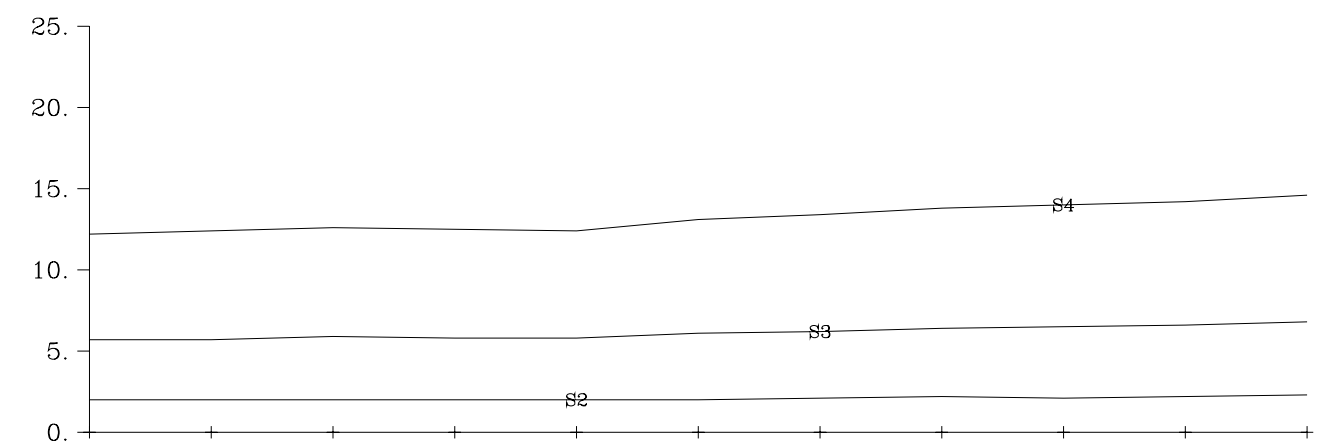
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



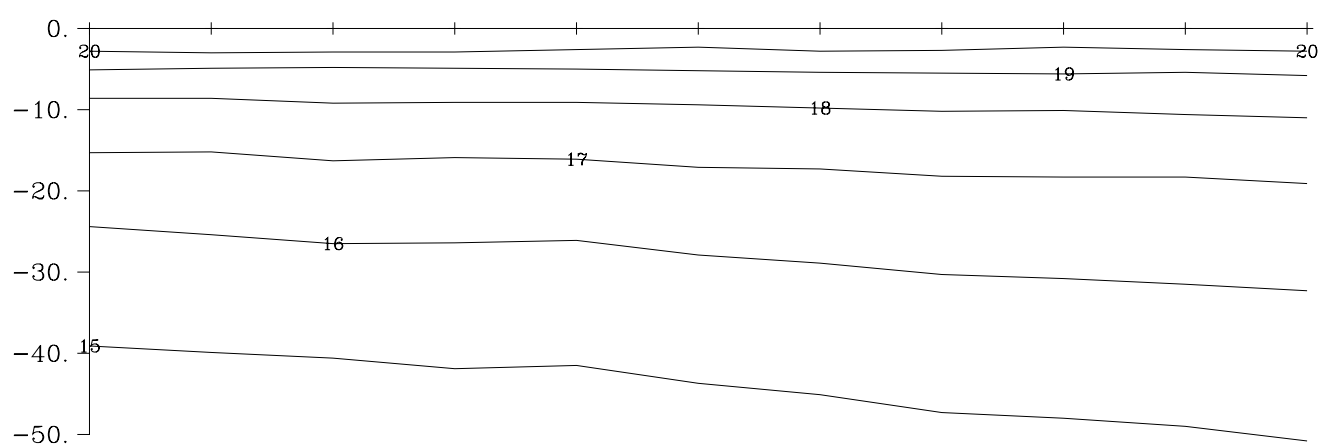
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

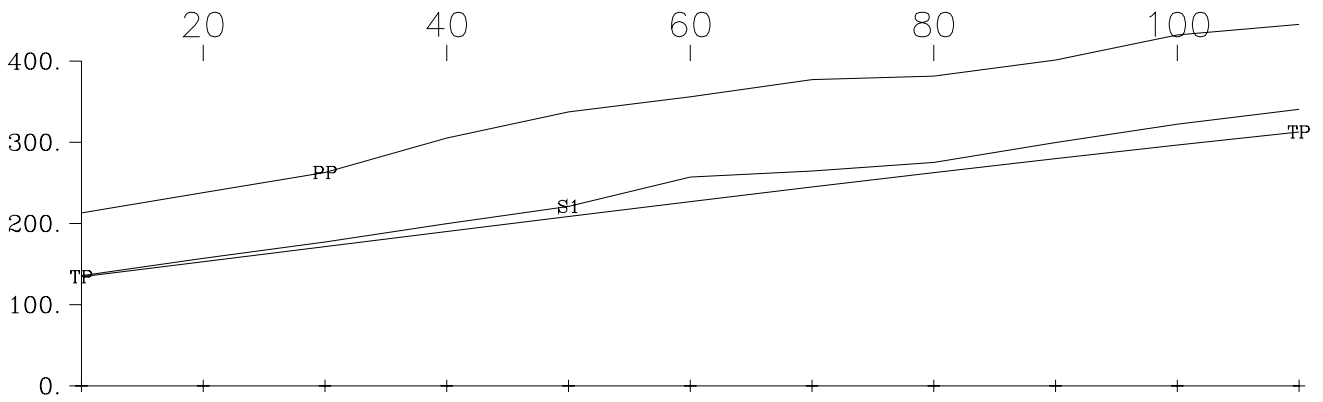


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

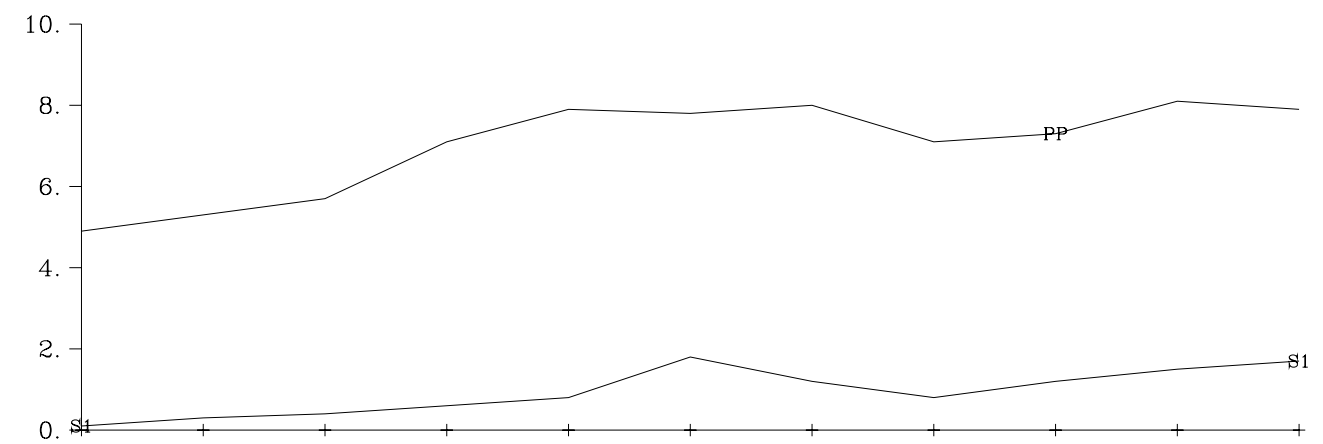


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-73 X Component
 Crone Geophysics & Exploration Ltd.

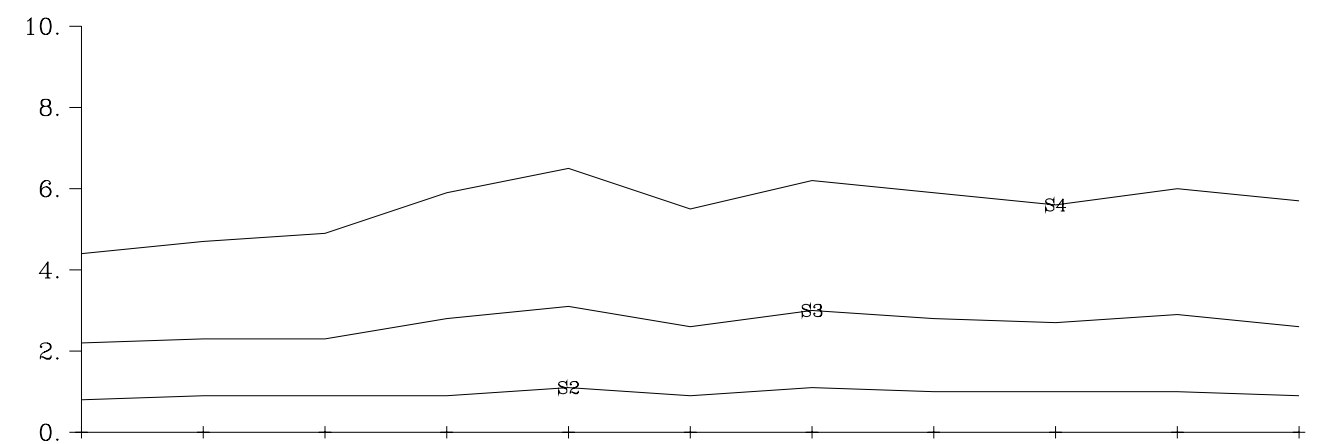
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



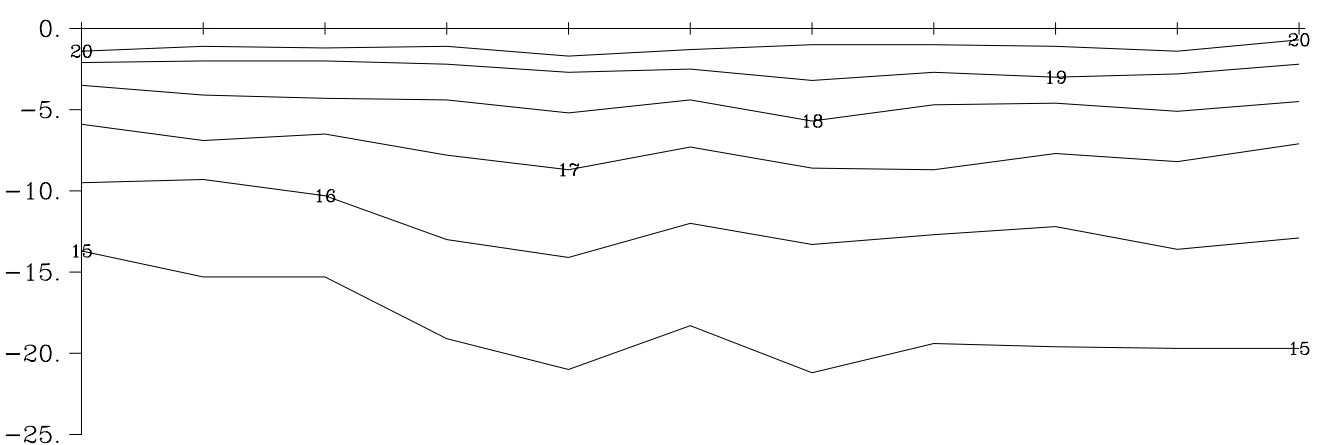
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

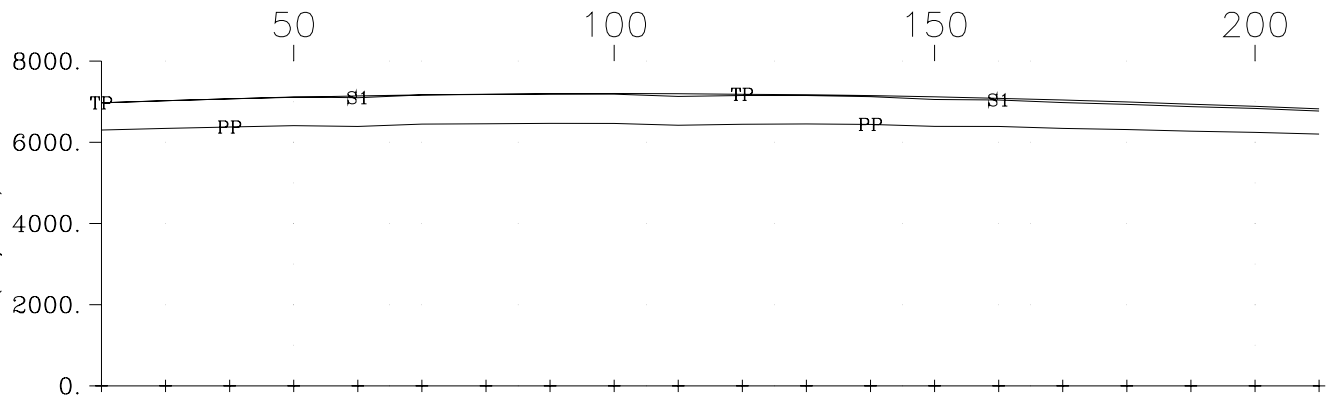


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

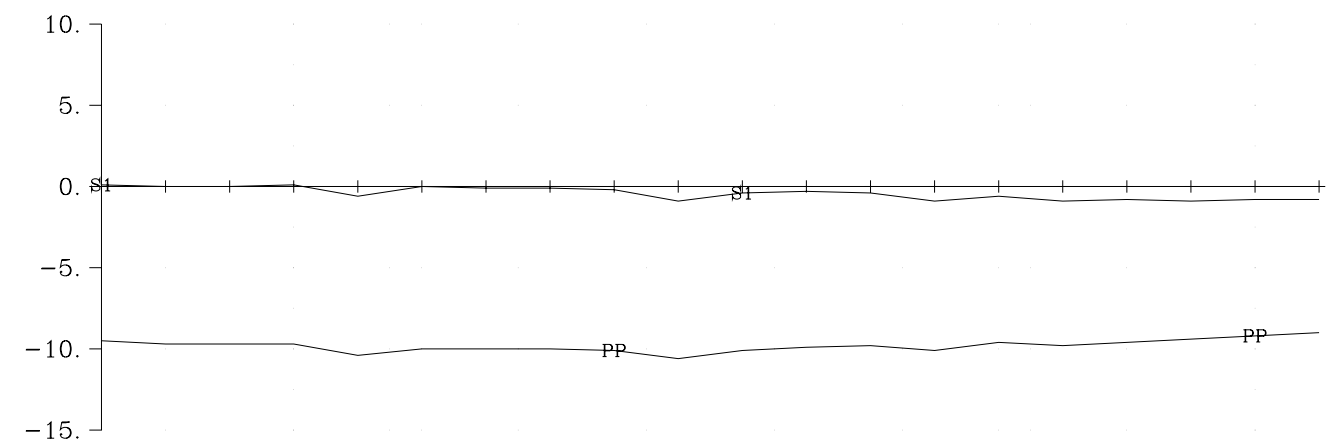


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-73 Y Component
 Crone Geophysics & Exploration Ltd.

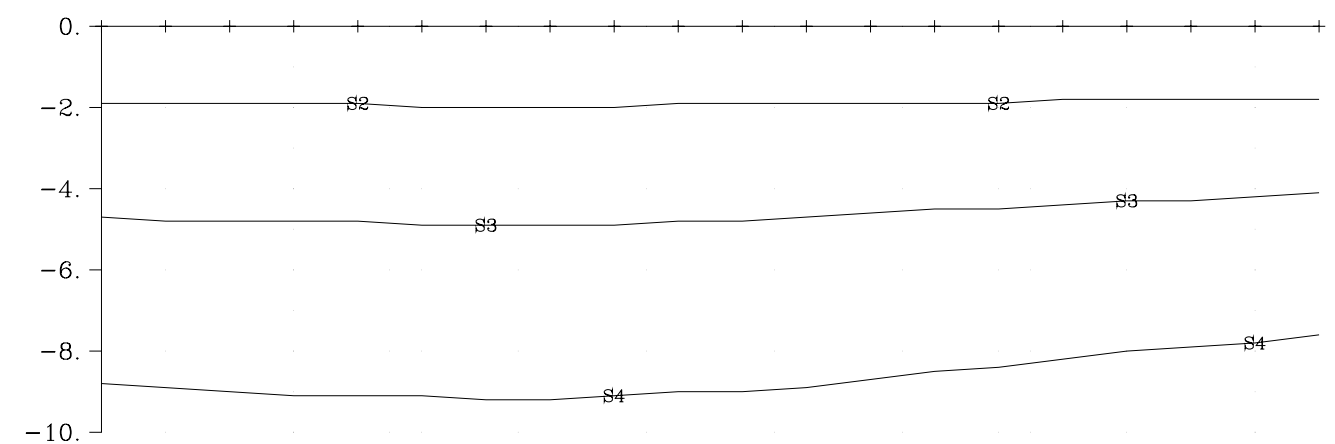
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



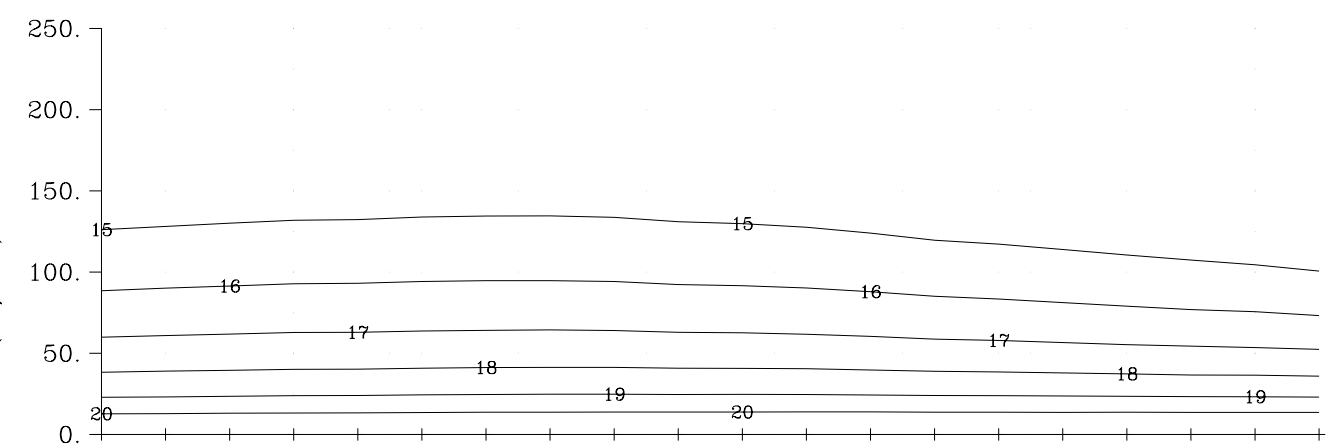
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

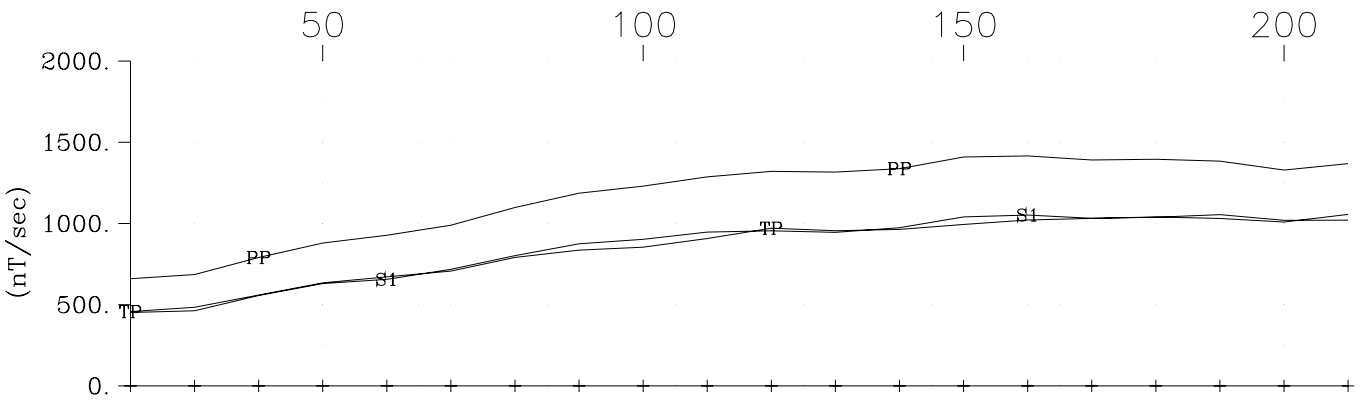


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

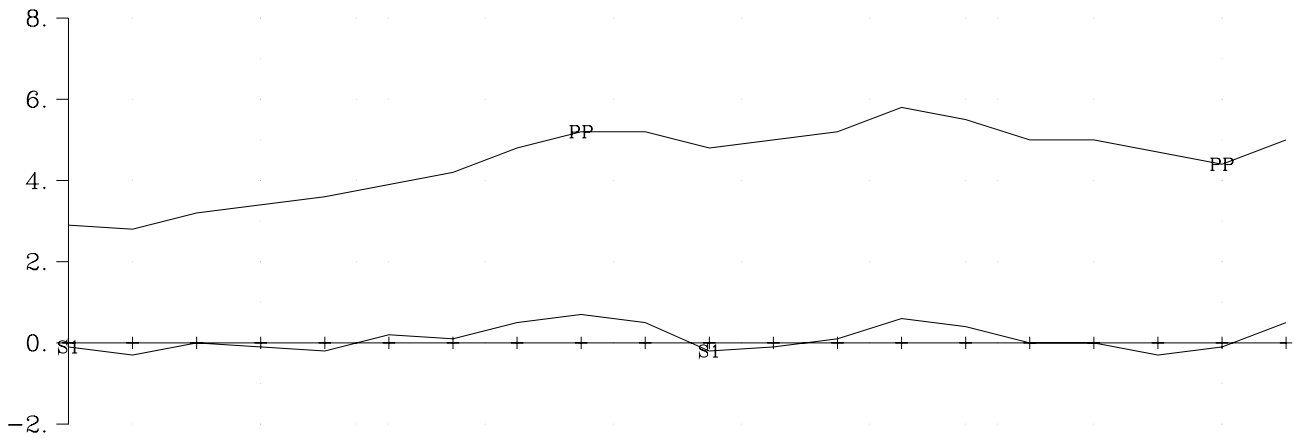


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-74 Z Component
 Crone Geophysics & Exploration Ltd.

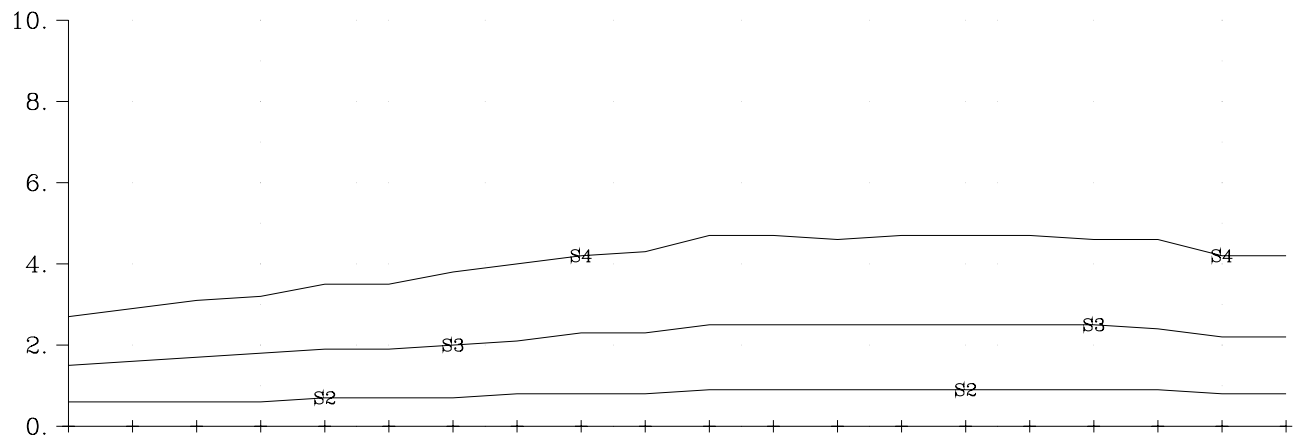
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



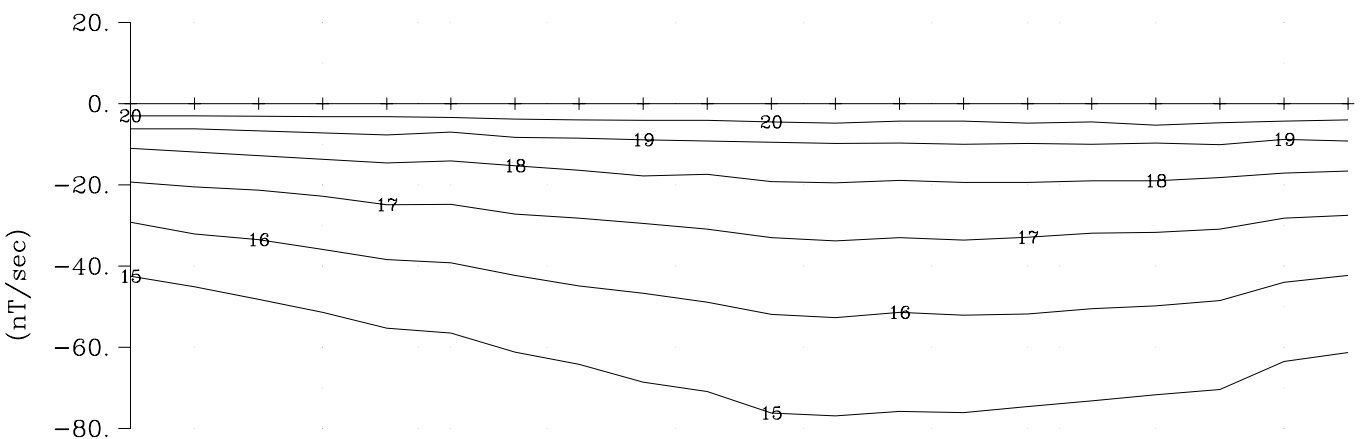
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

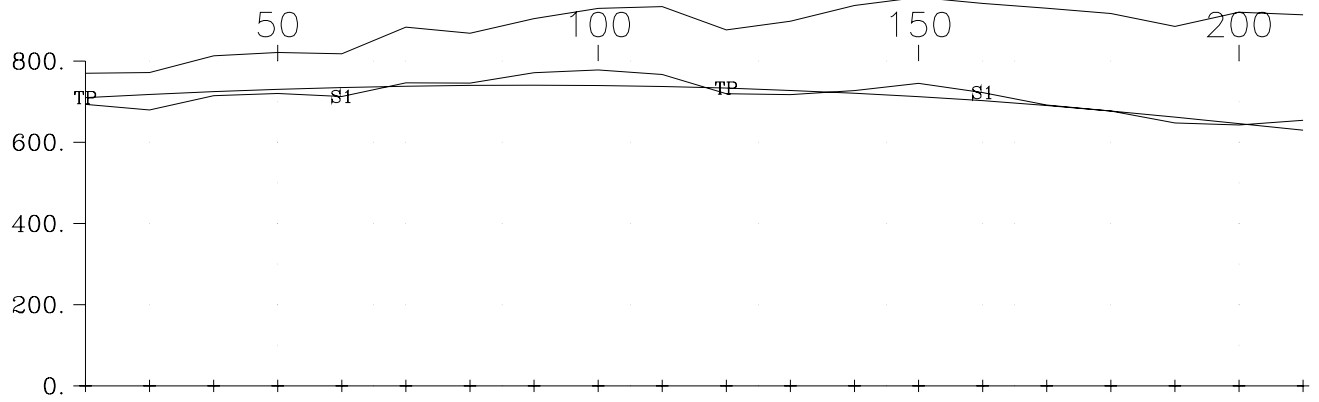


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

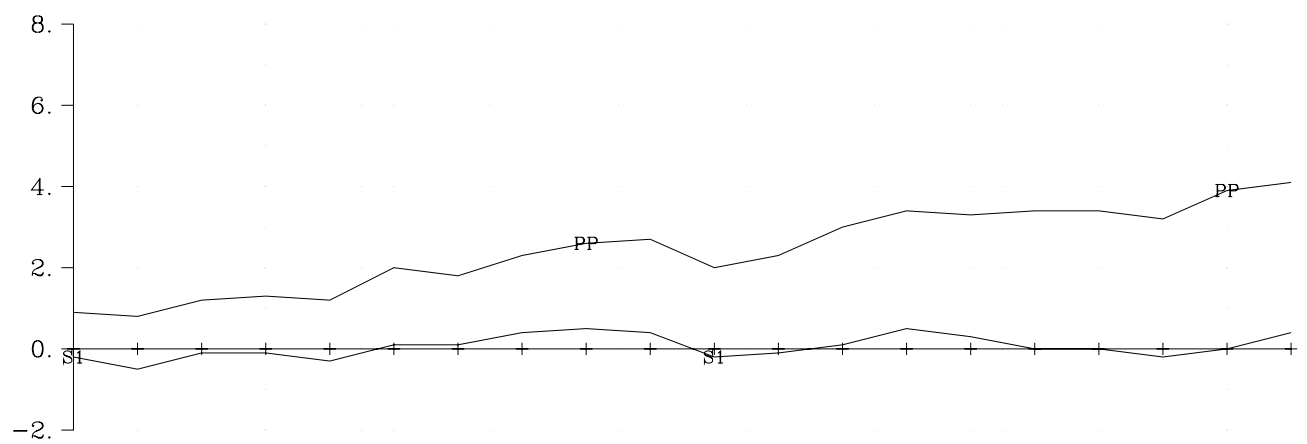


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-74 X Component
 Crone Geophysics & Exploration Ltd.

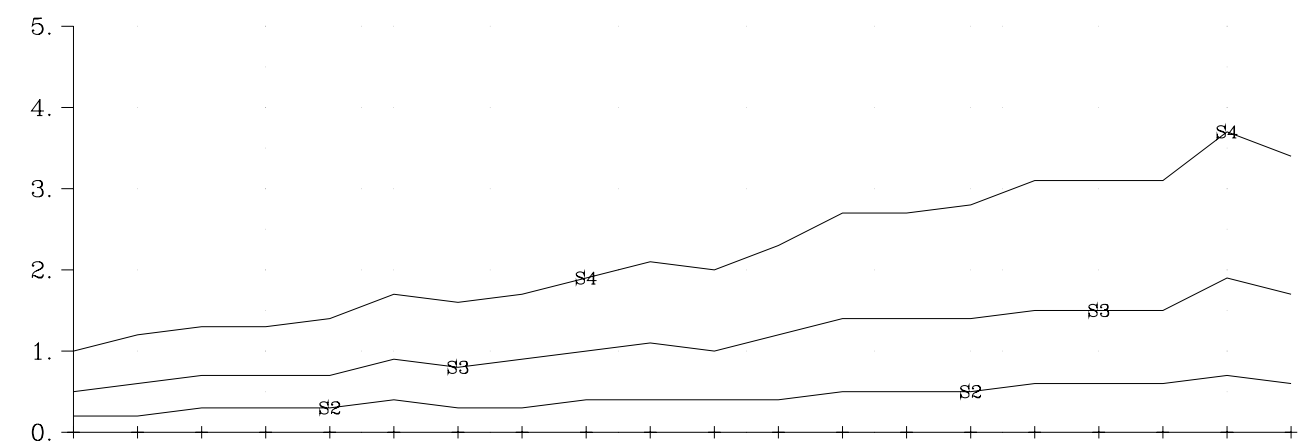
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1
 (nT/sec)



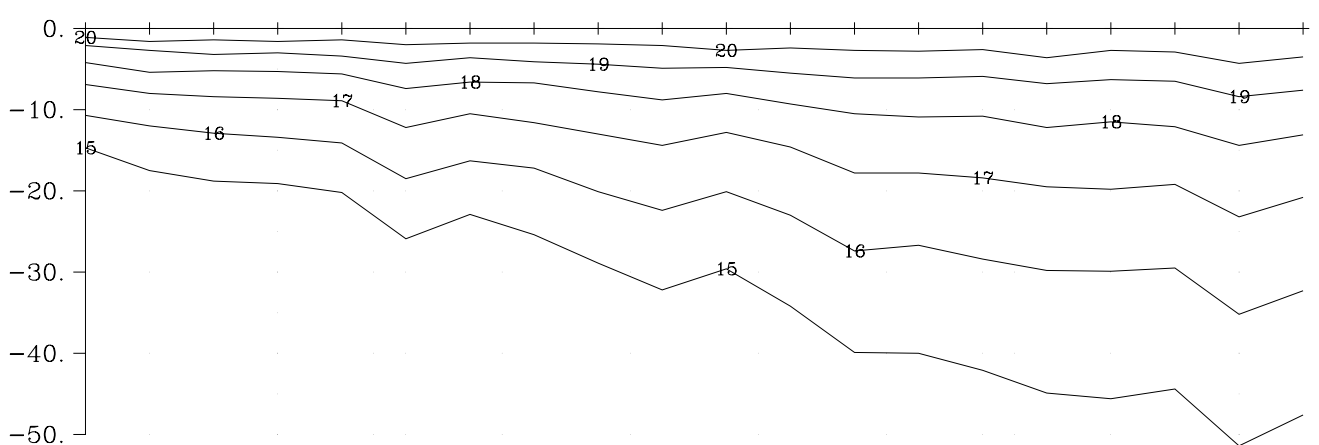
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

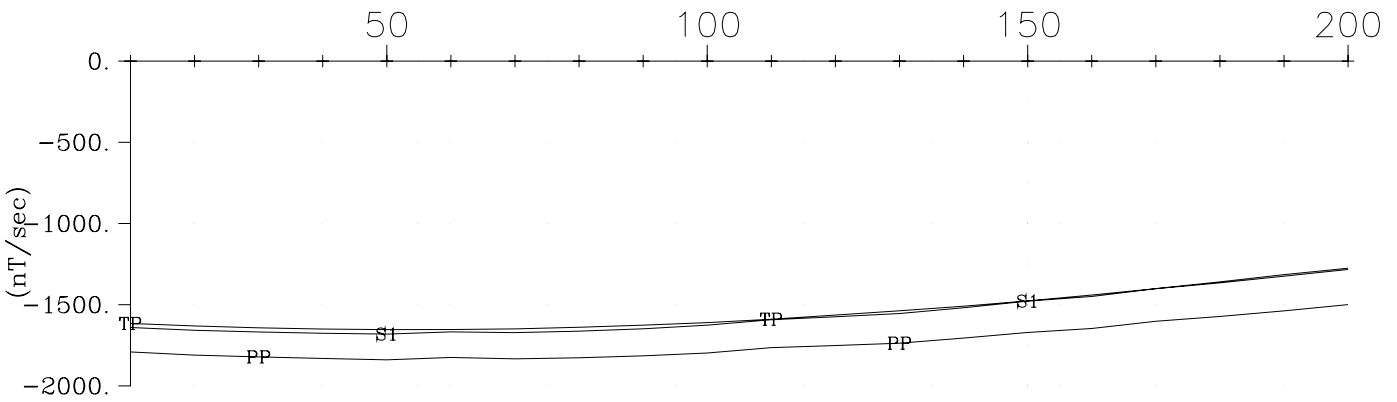


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

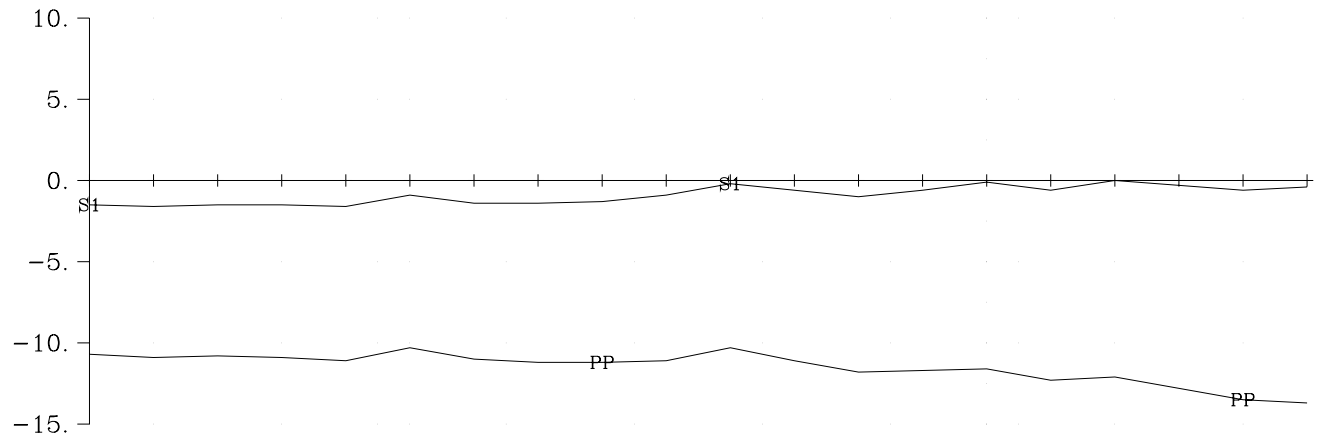


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-74 Y Component
 Crone Geophysics & Exploration Ltd.

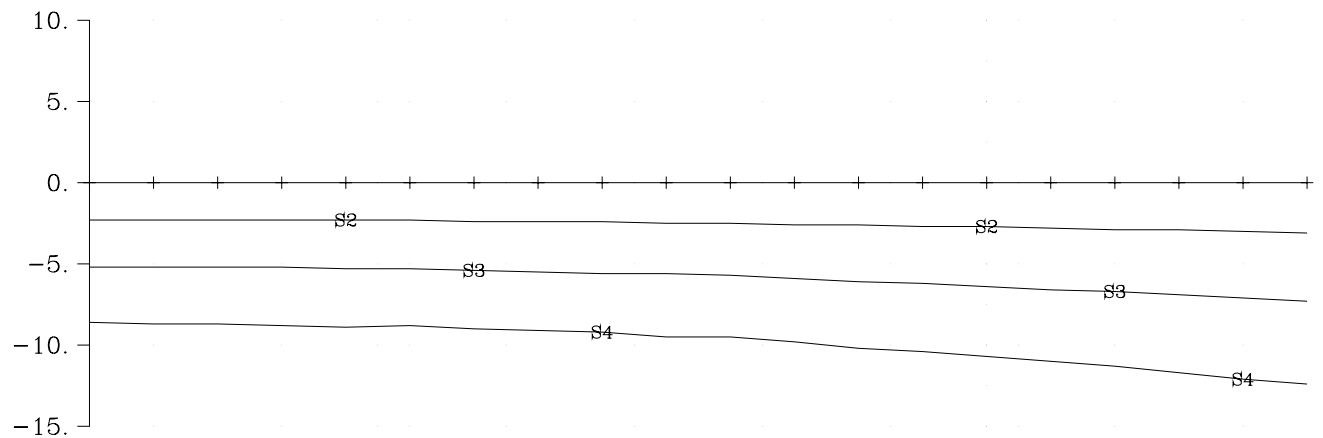
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



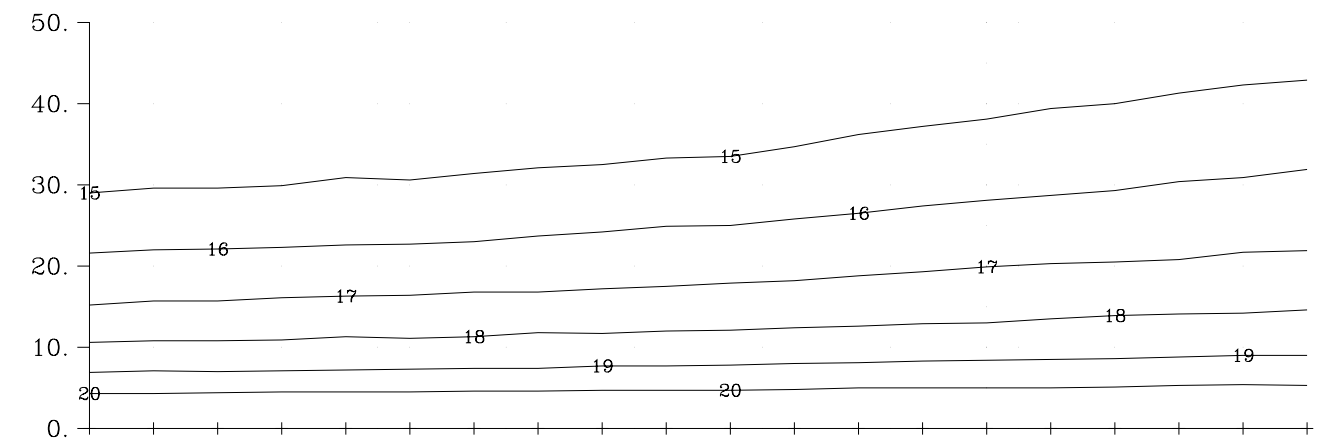
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

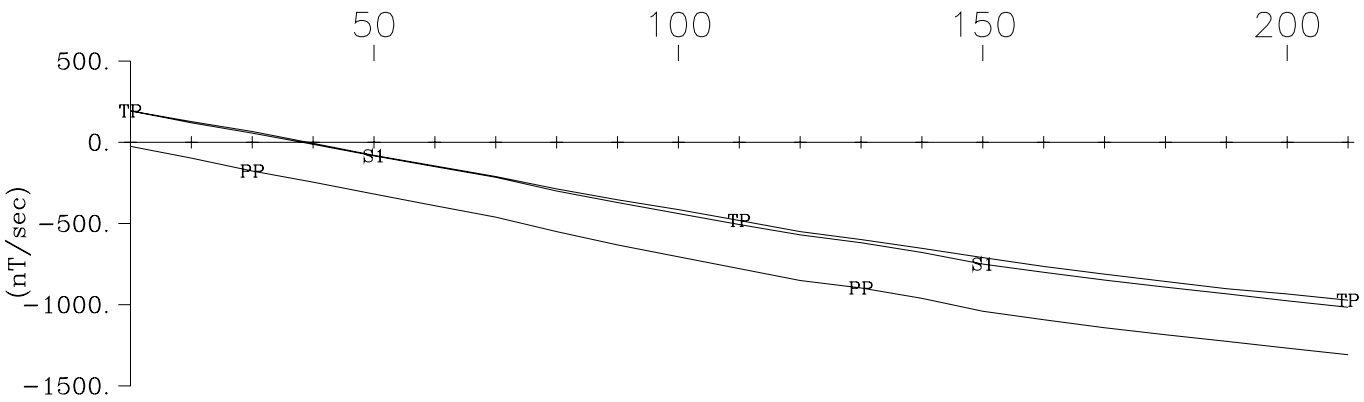


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

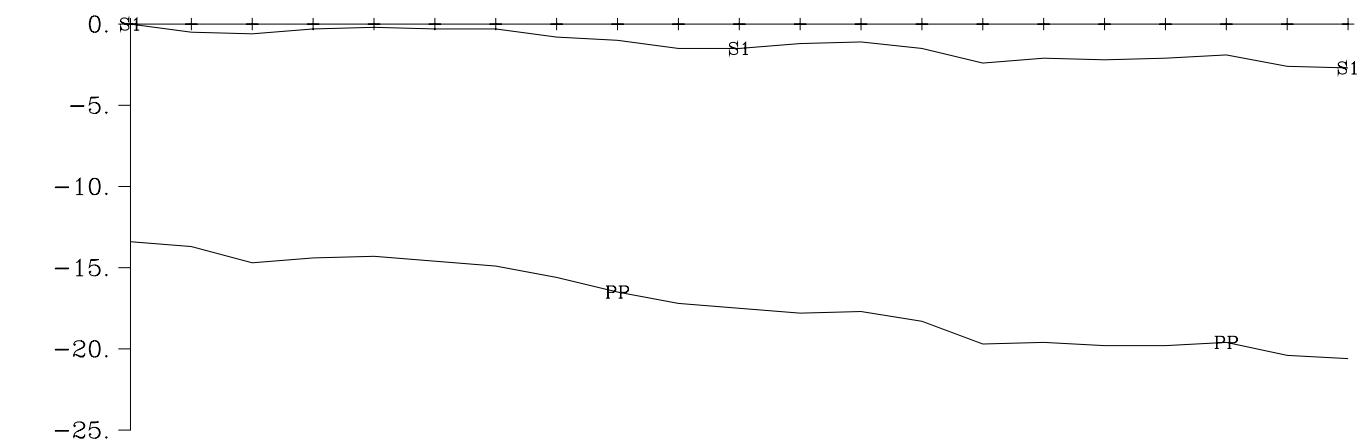


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-74 Z Component
 Crone Geophysics & Exploration Ltd.

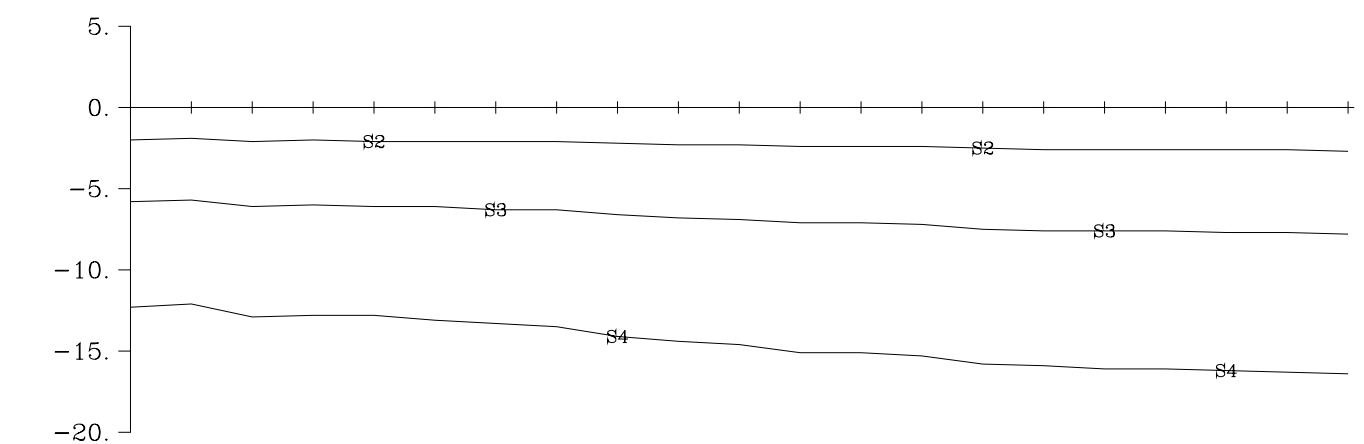
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



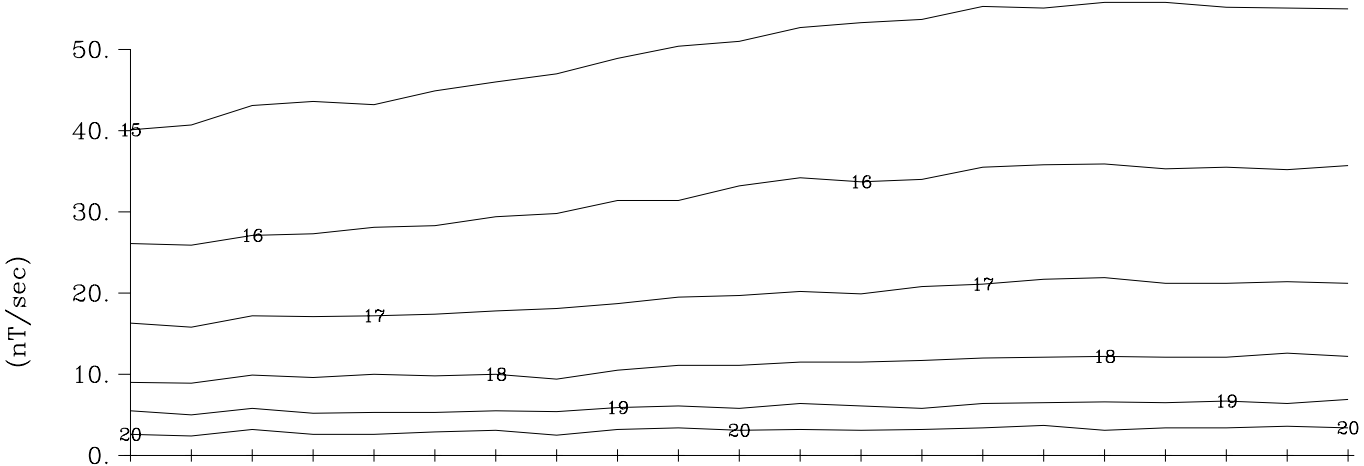
Deviation from TP.
 (% Total Theoretical)



Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

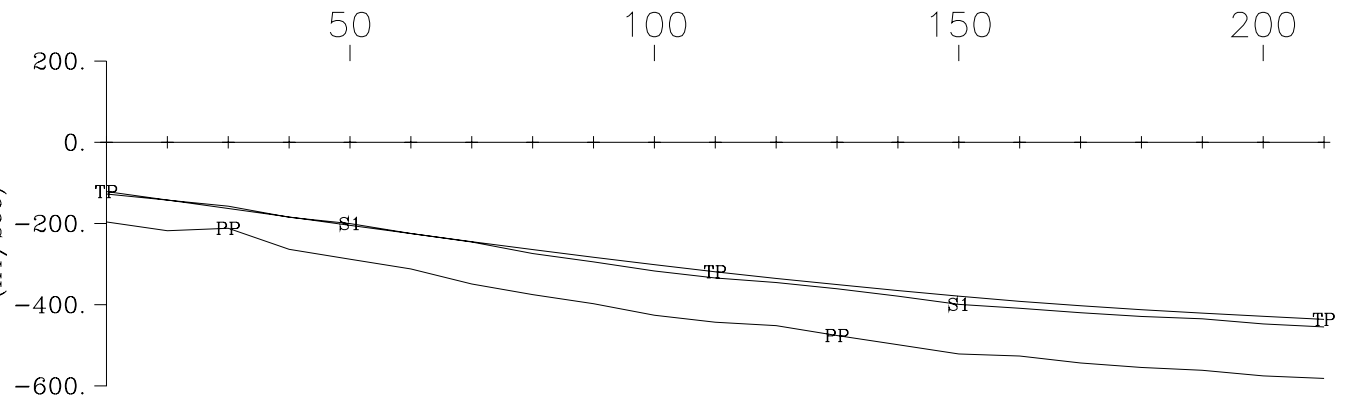


Pulse EM Off-time
 Channels 15-20
 (nT/sec)

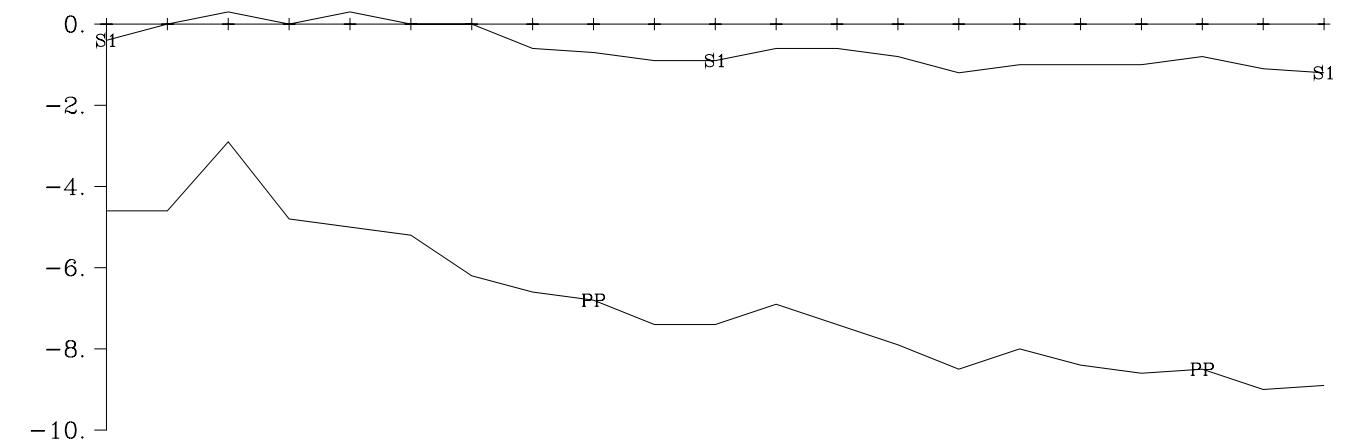


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-74 X Component
 Crone Geophysics & Exploration Ltd.

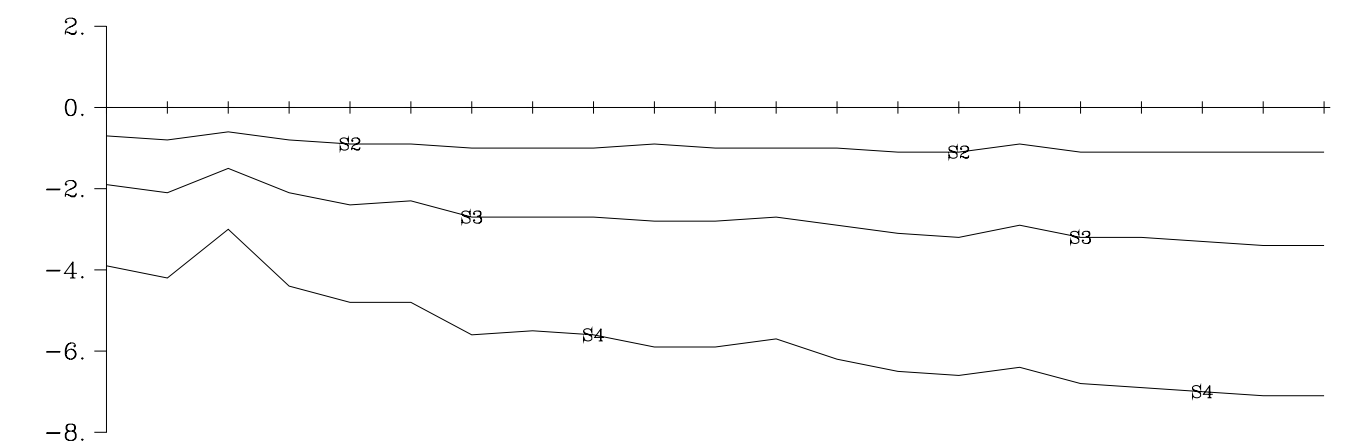
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



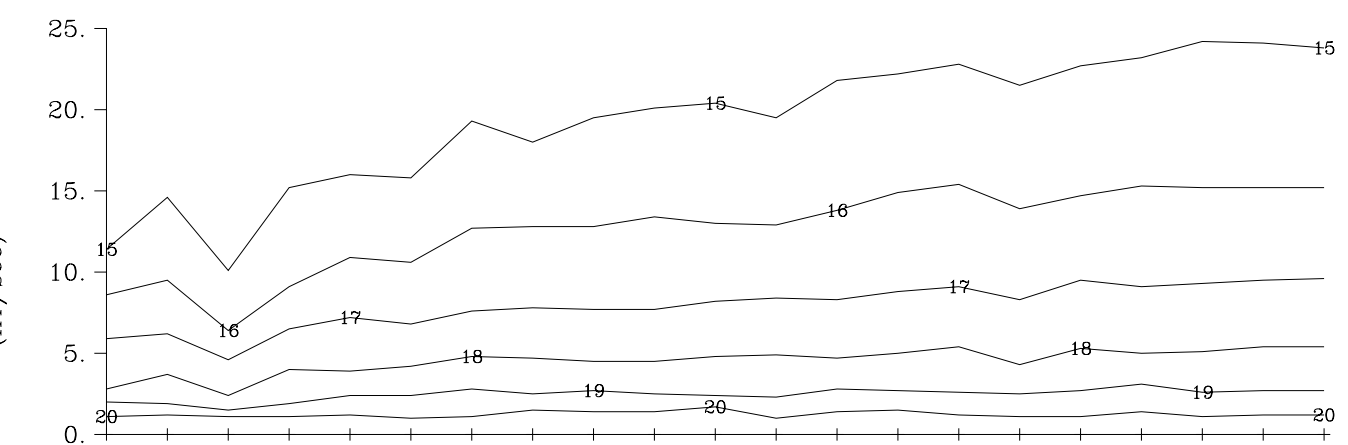
Deviation from TP.
 (% Total Theoretical)



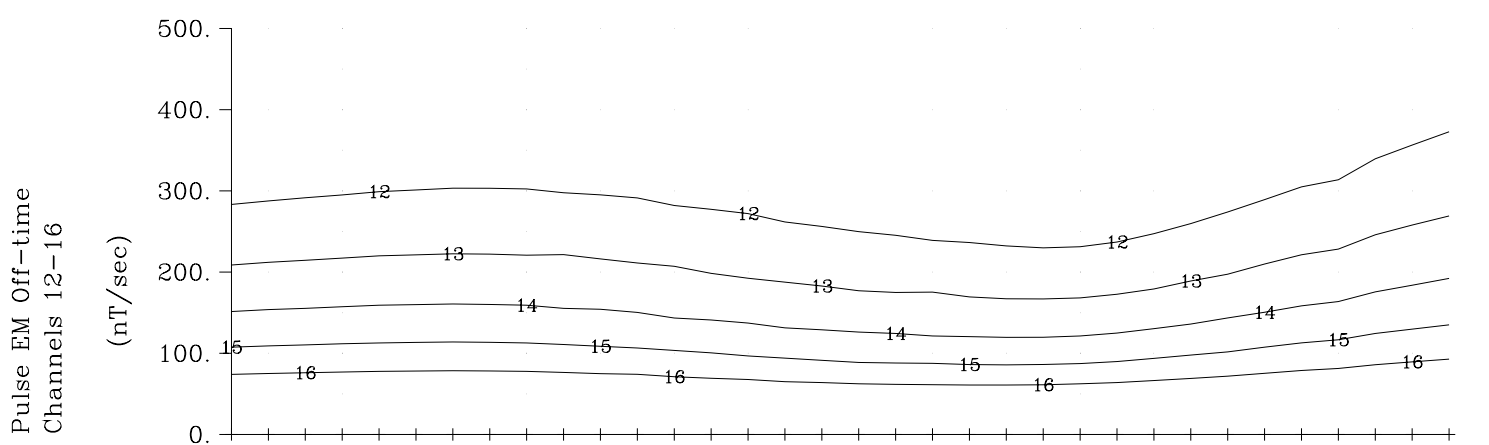
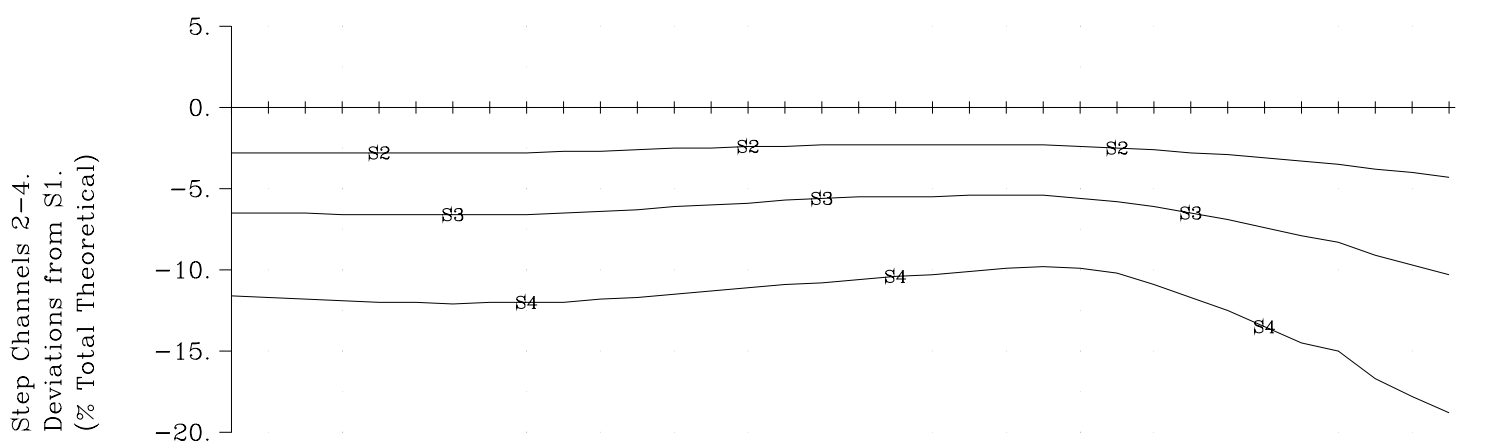
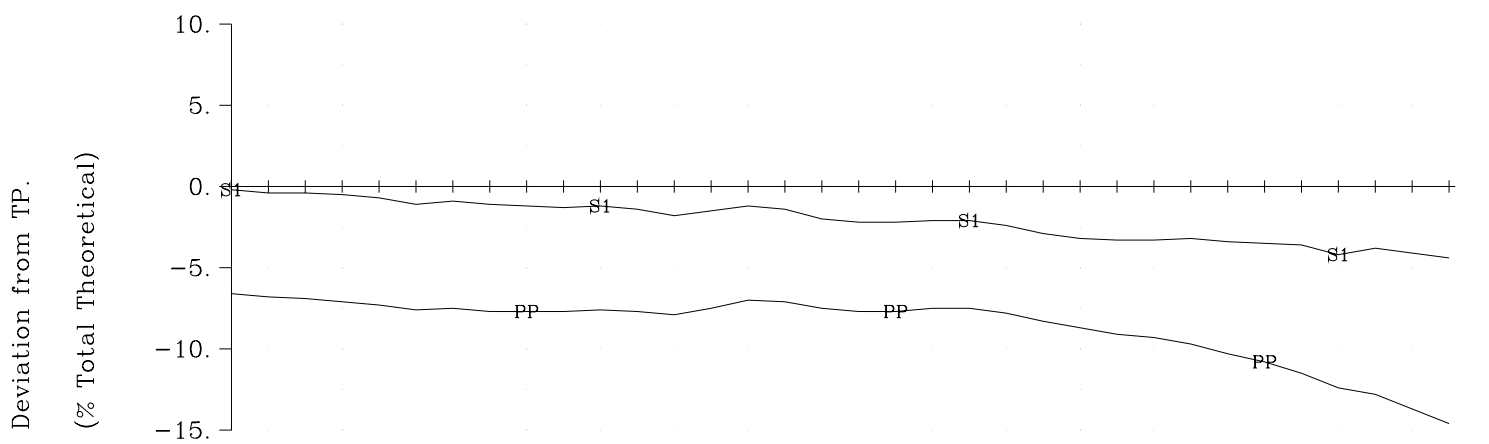
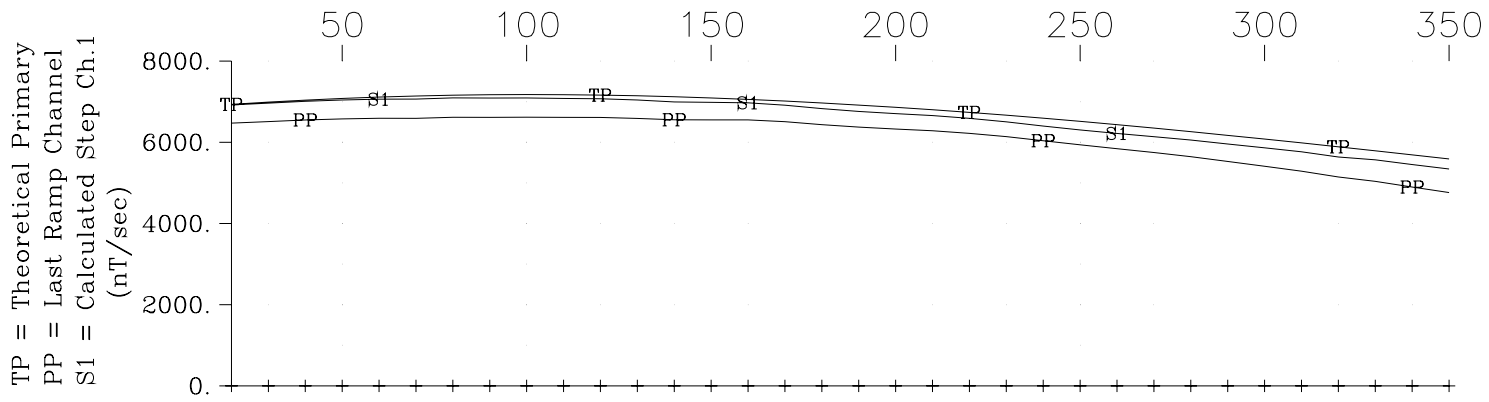
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



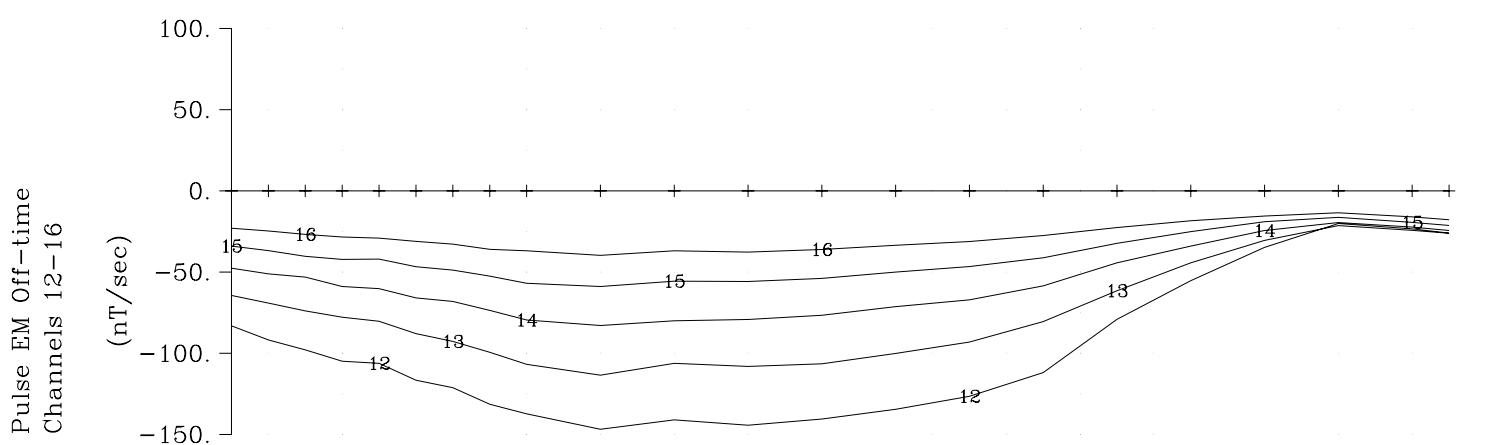
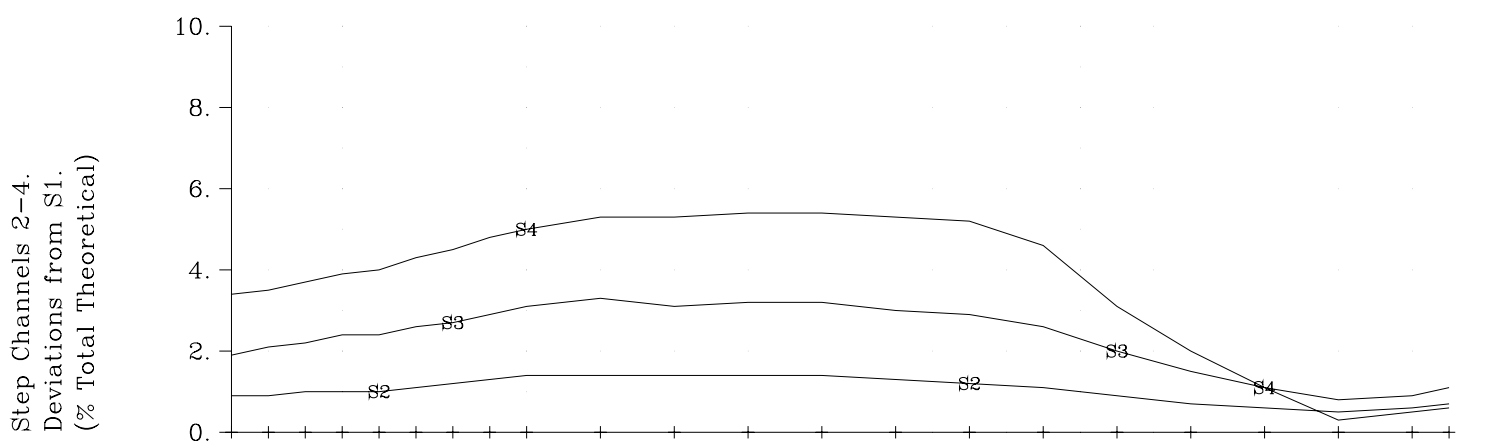
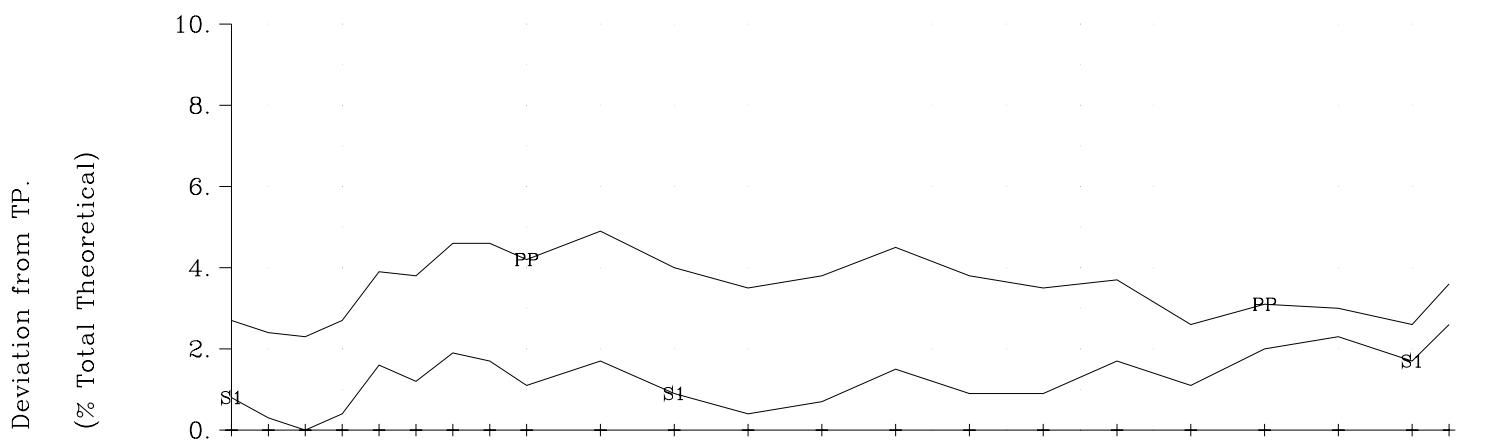
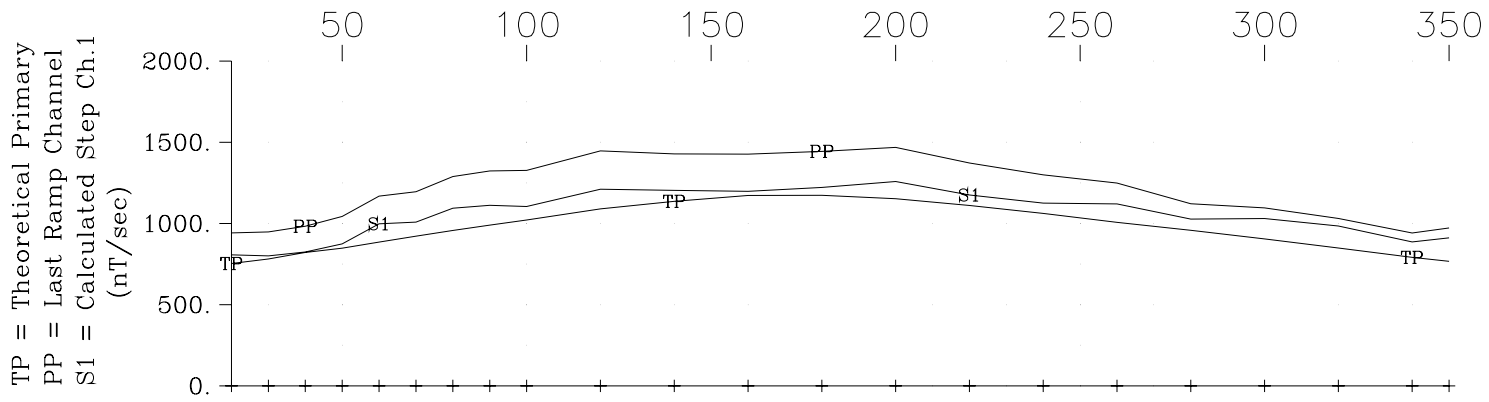
Pulse EM Off-time
 Channels 15-20
 (nT/sec)



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-74 Y Component
 Crone Geophysics & Exploration Ltd.

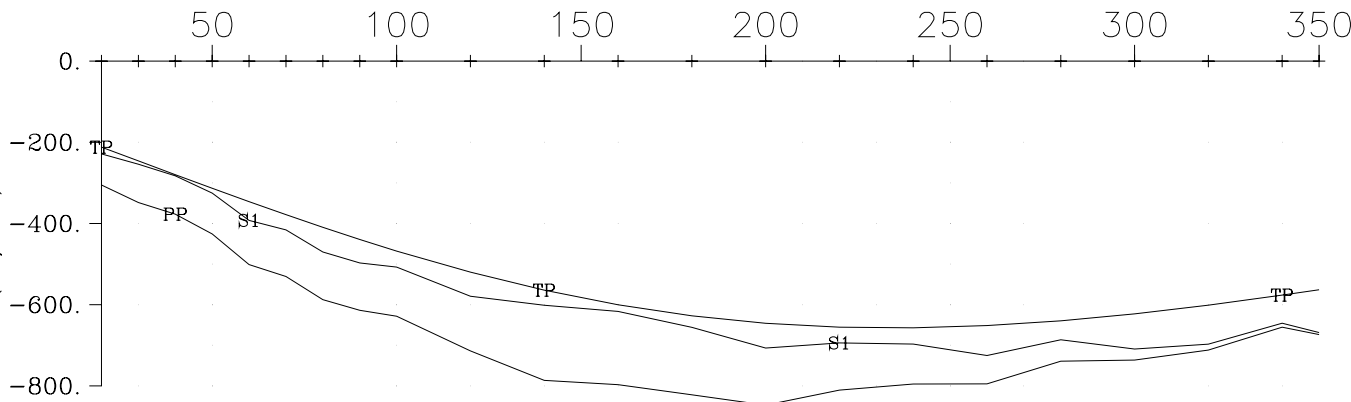


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.

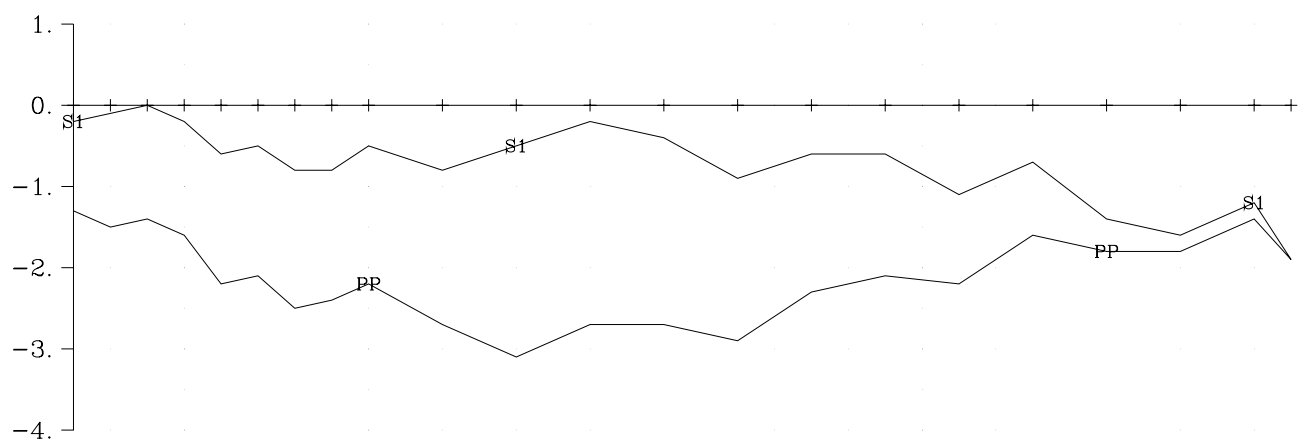


Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.

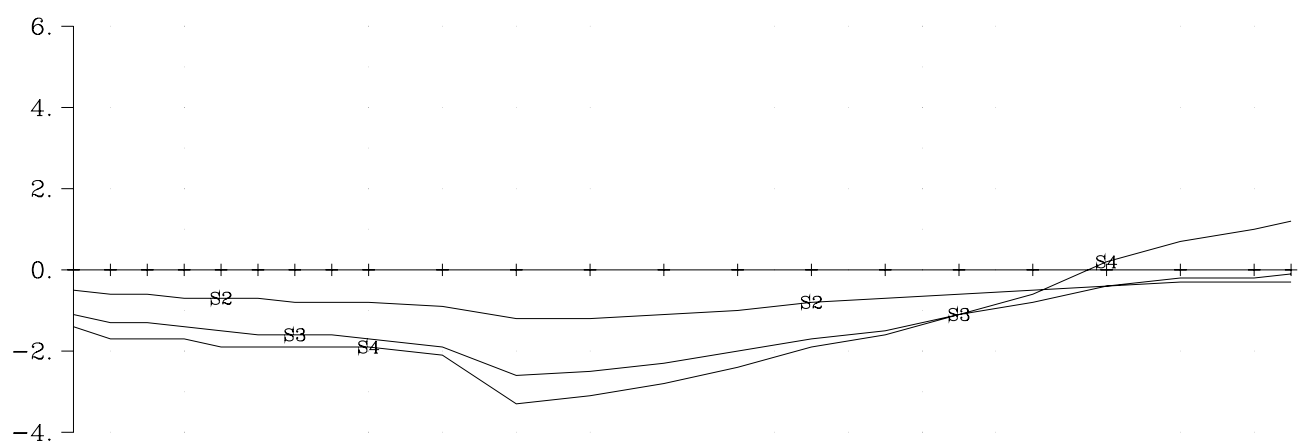
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1



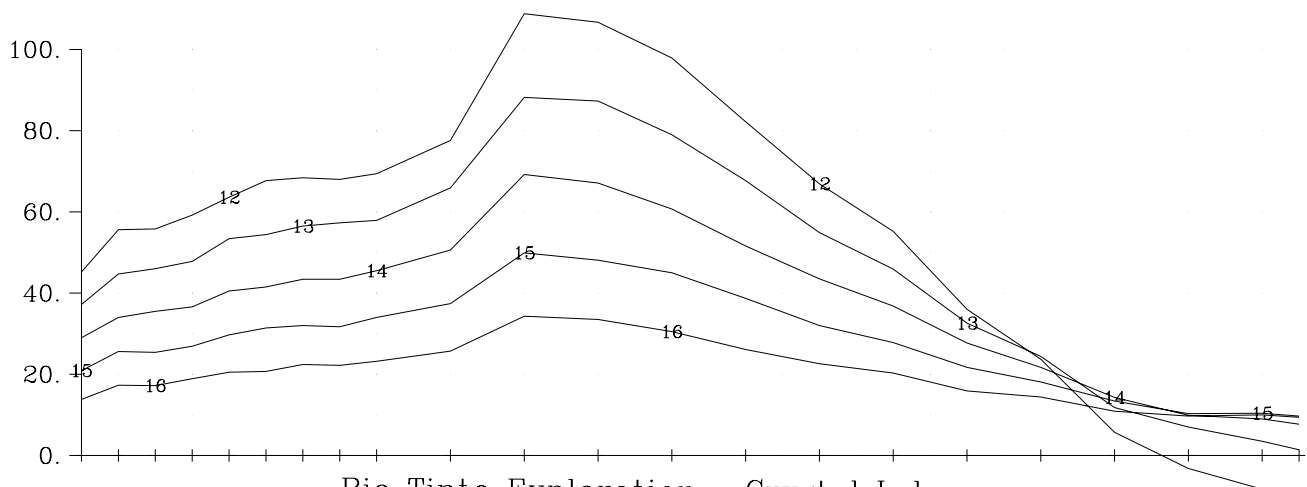
Deviation from TP.
 (% Total Theoretical)



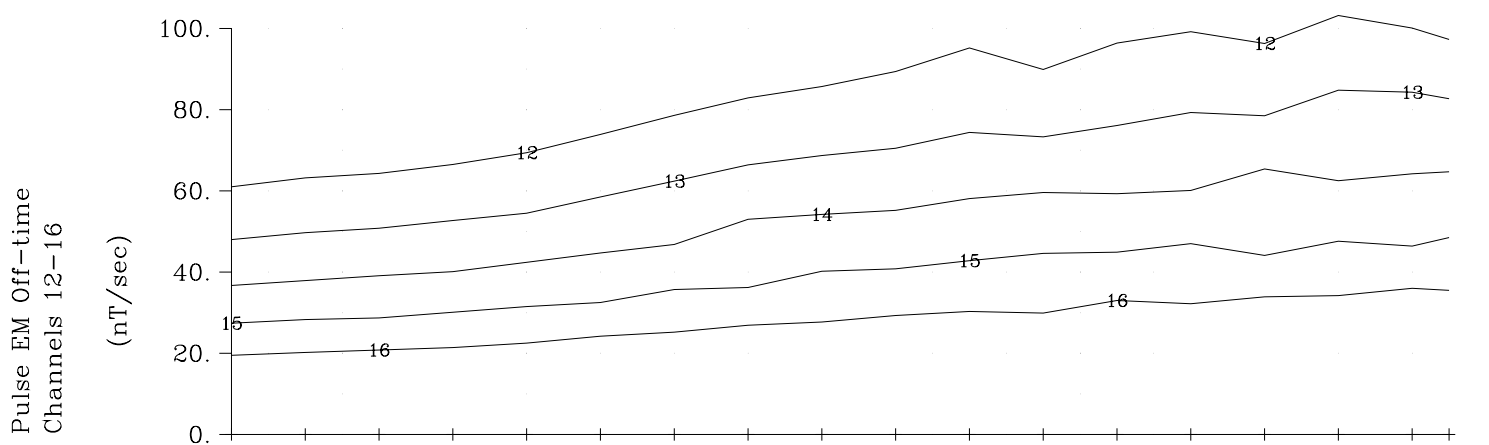
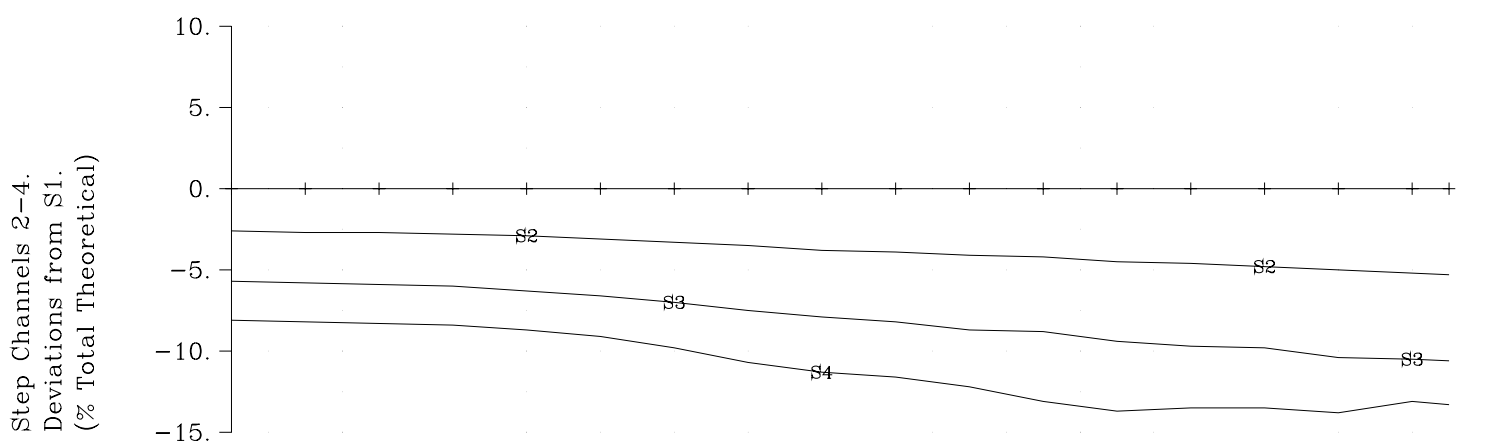
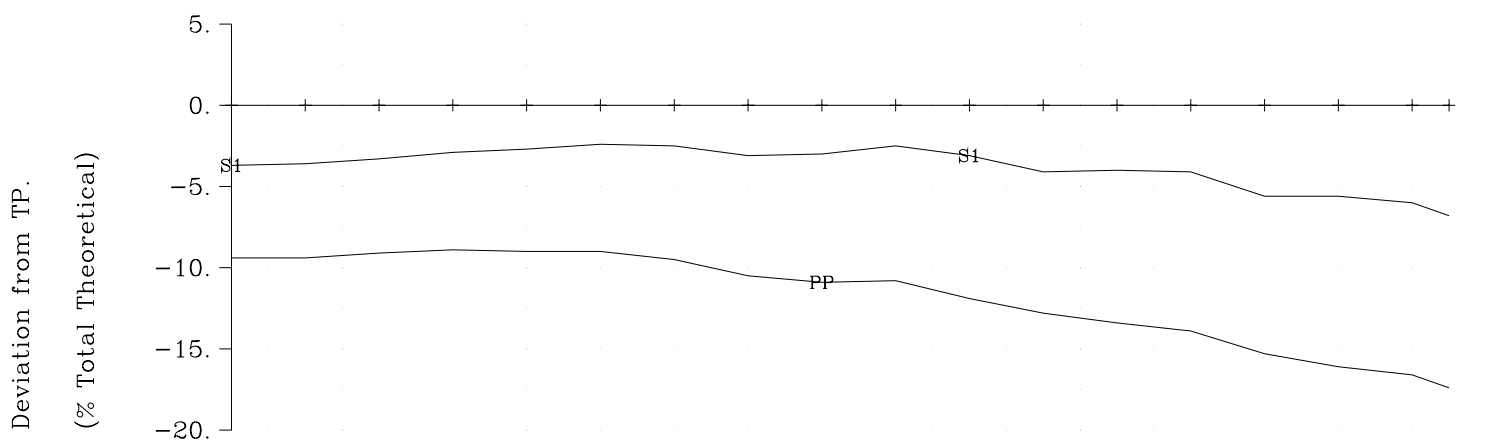
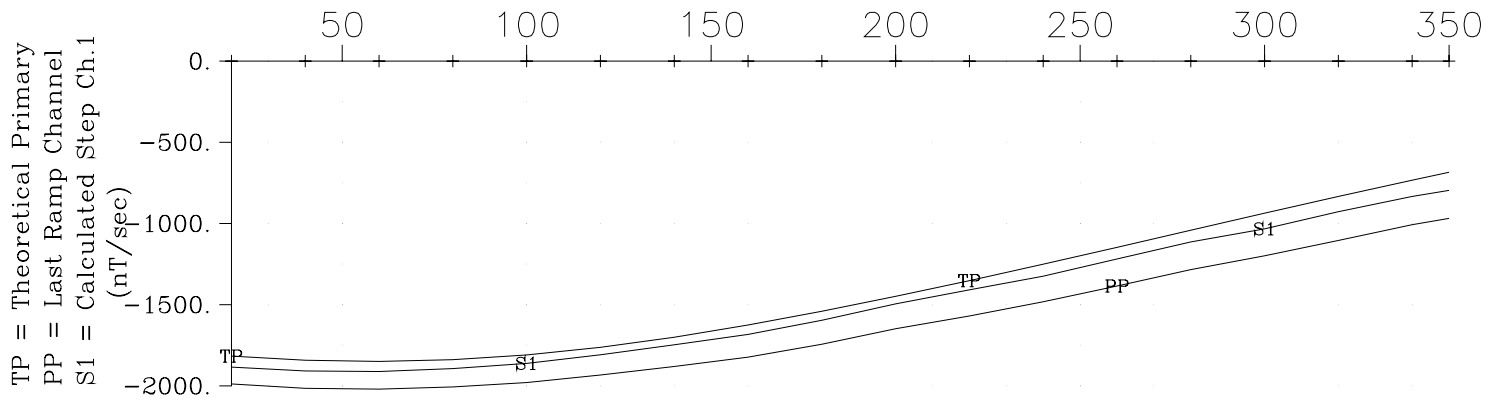
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)



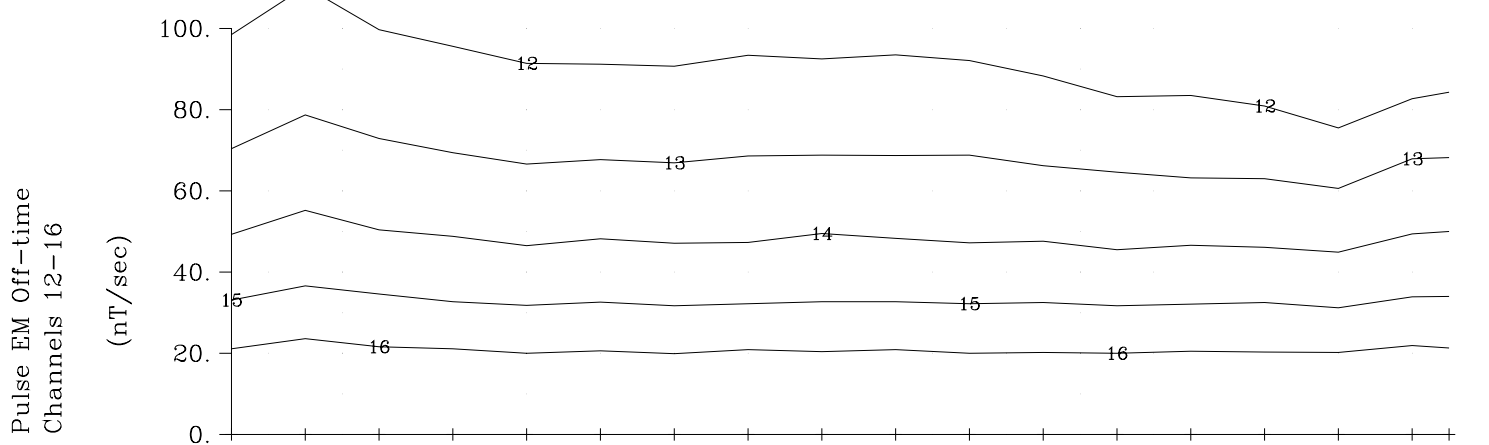
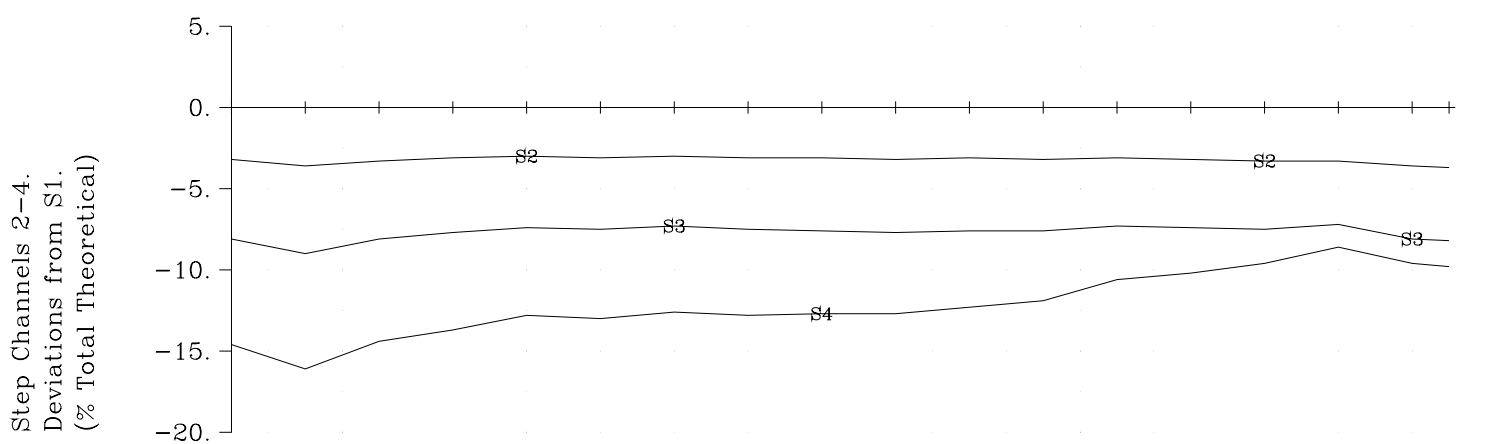
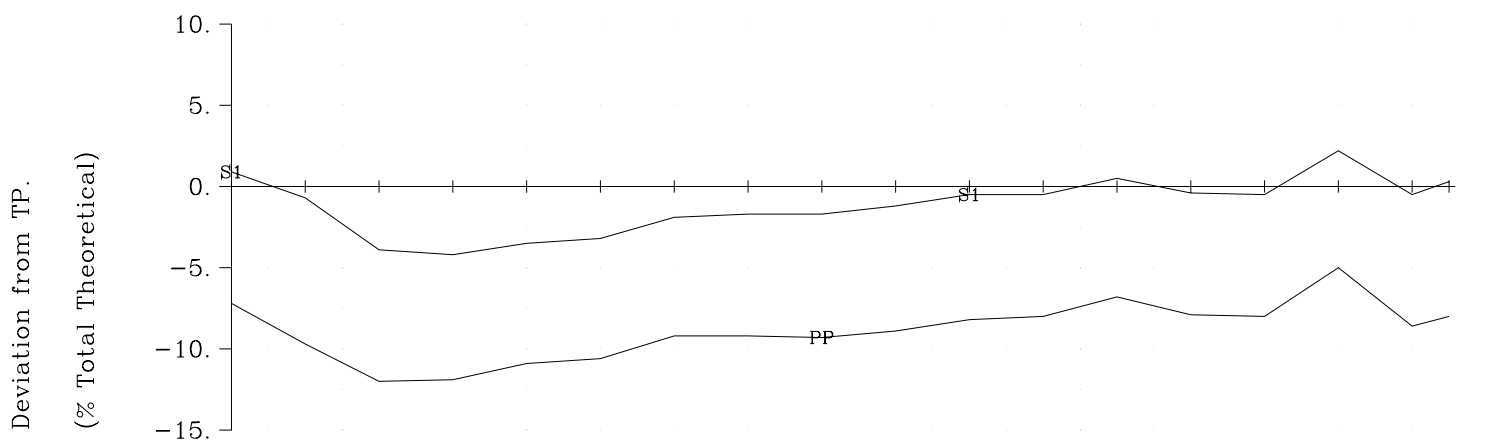
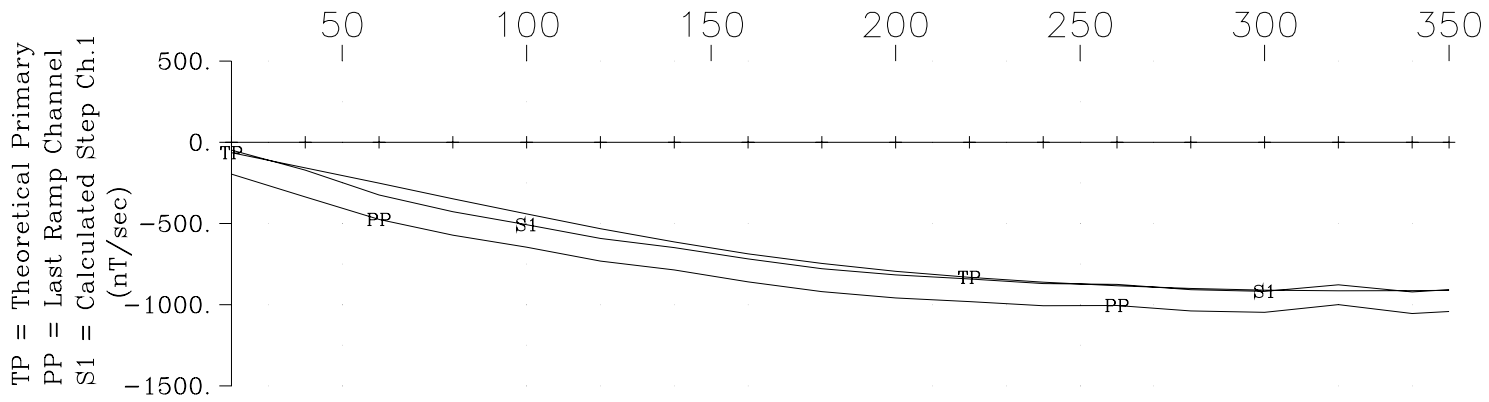
Pulse EM Off-time
 Channels 12-16
 (nT/sec)



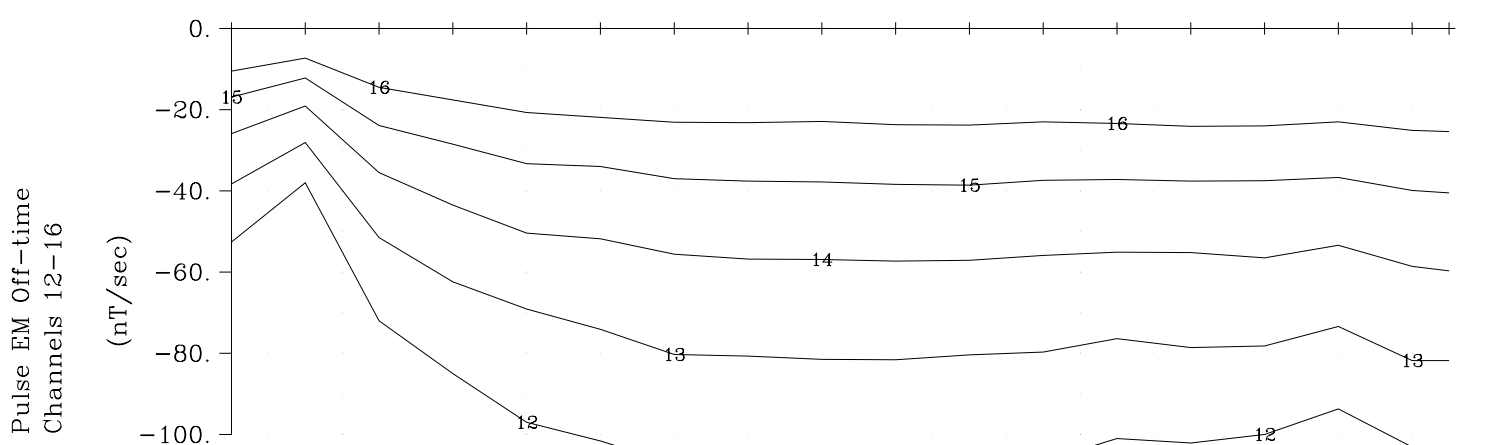
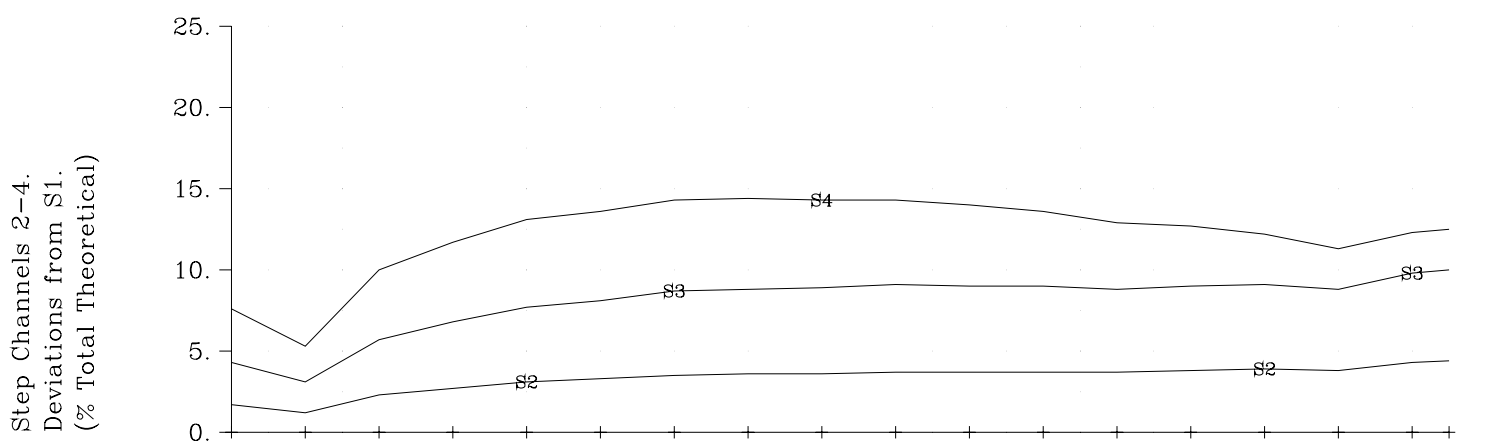
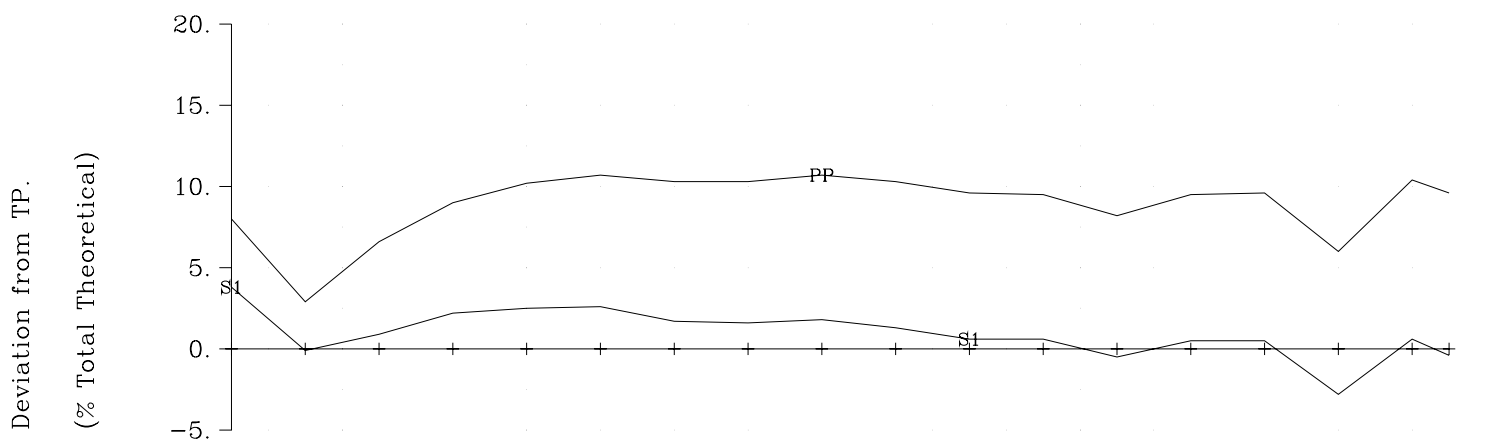
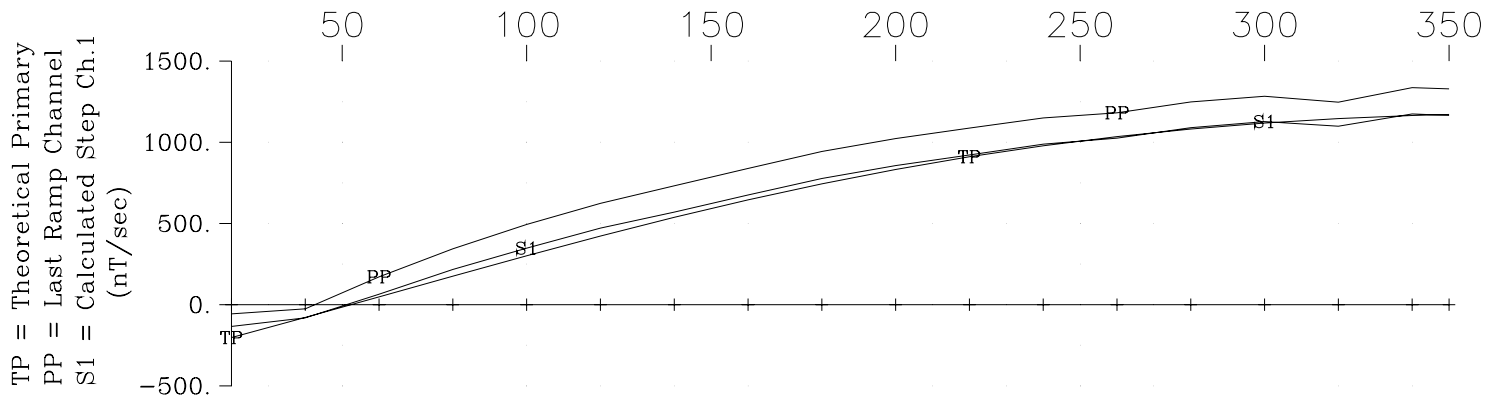
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Y Component
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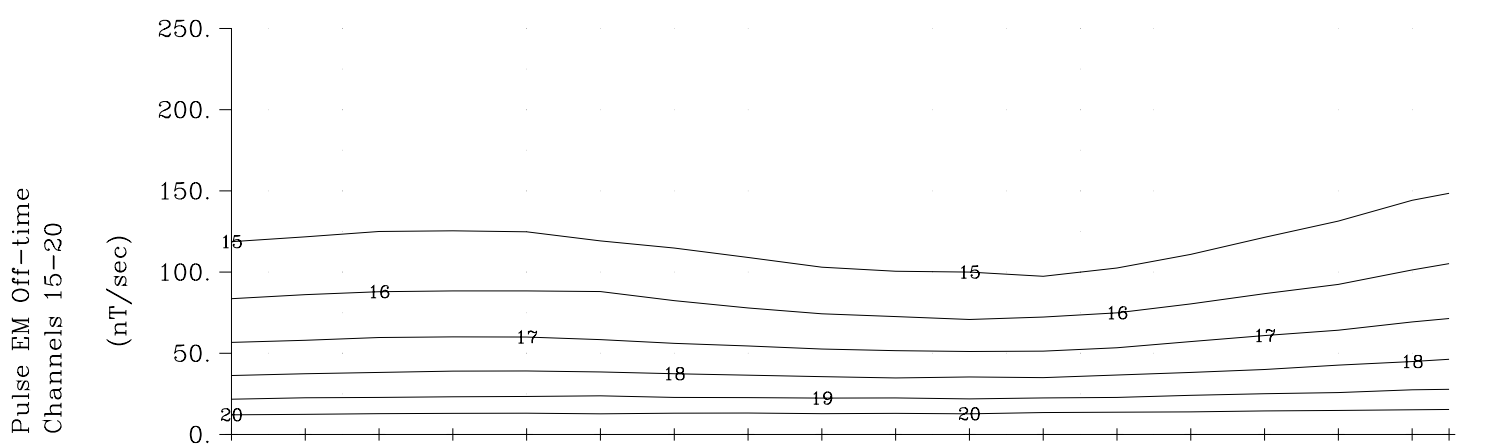
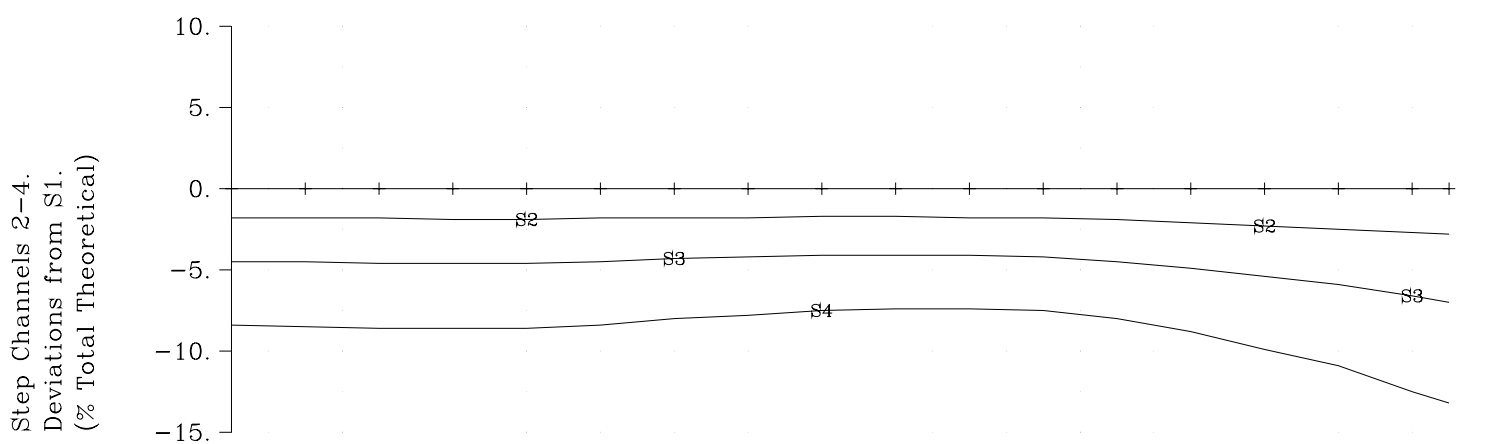
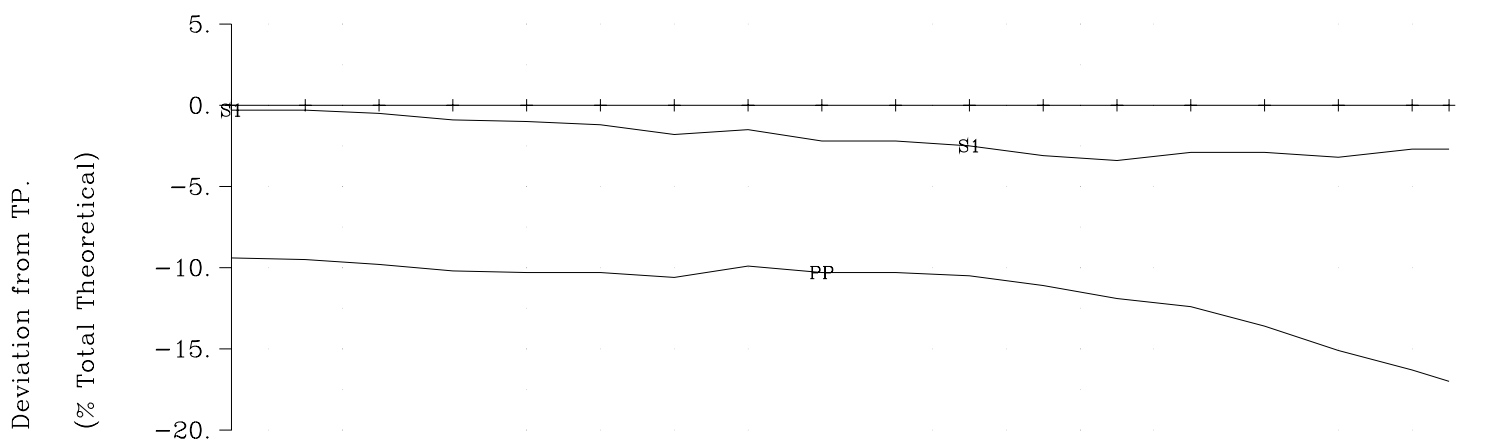
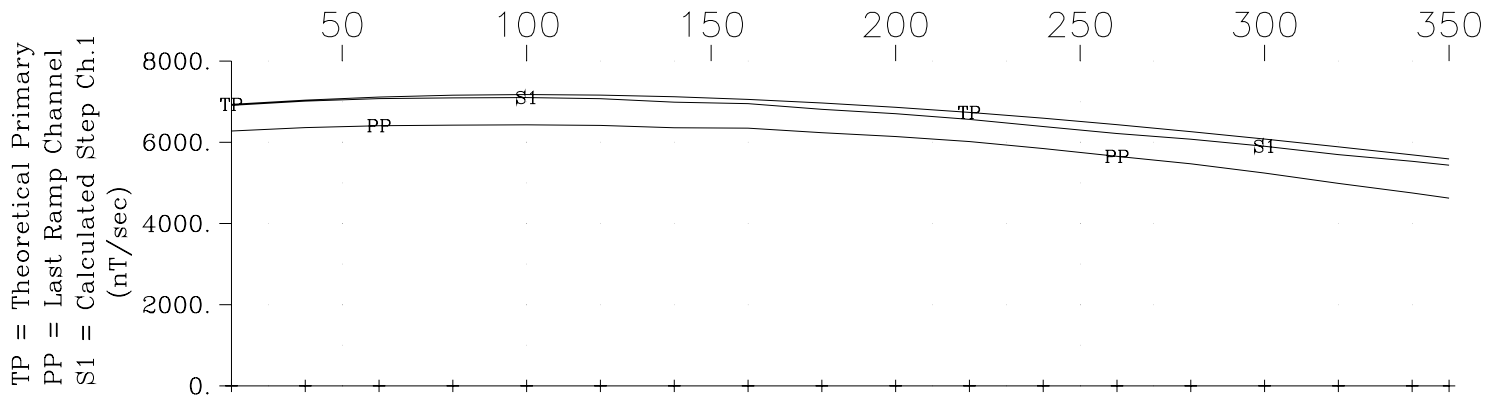
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.



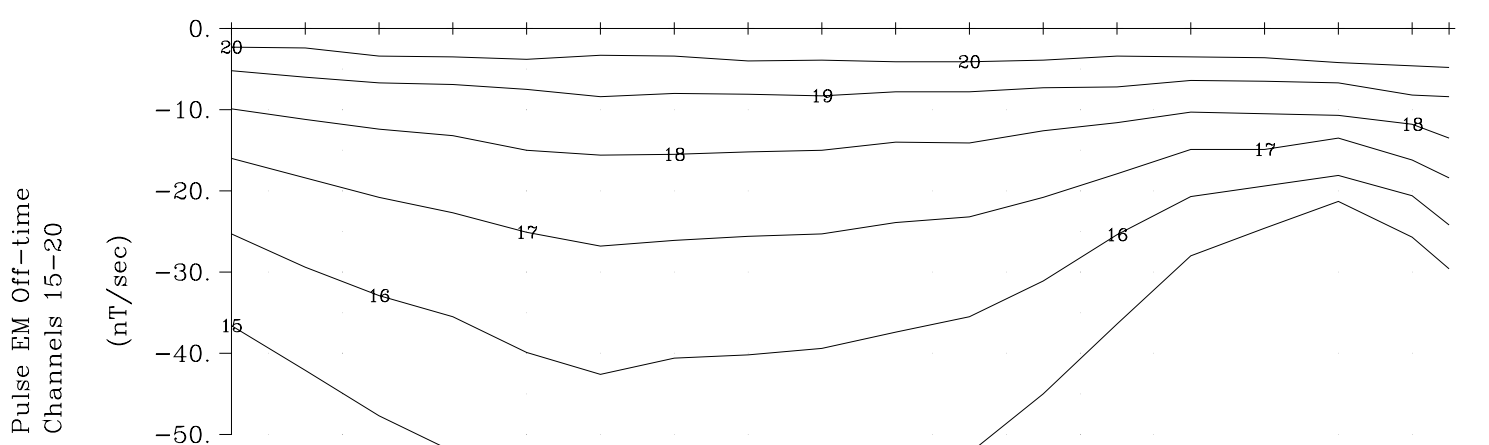
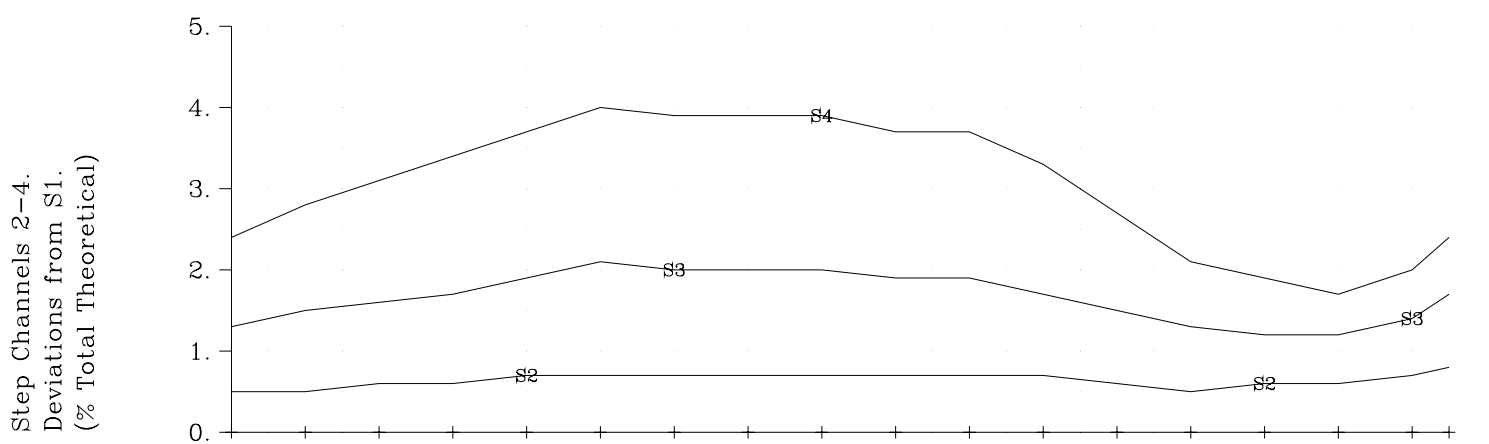
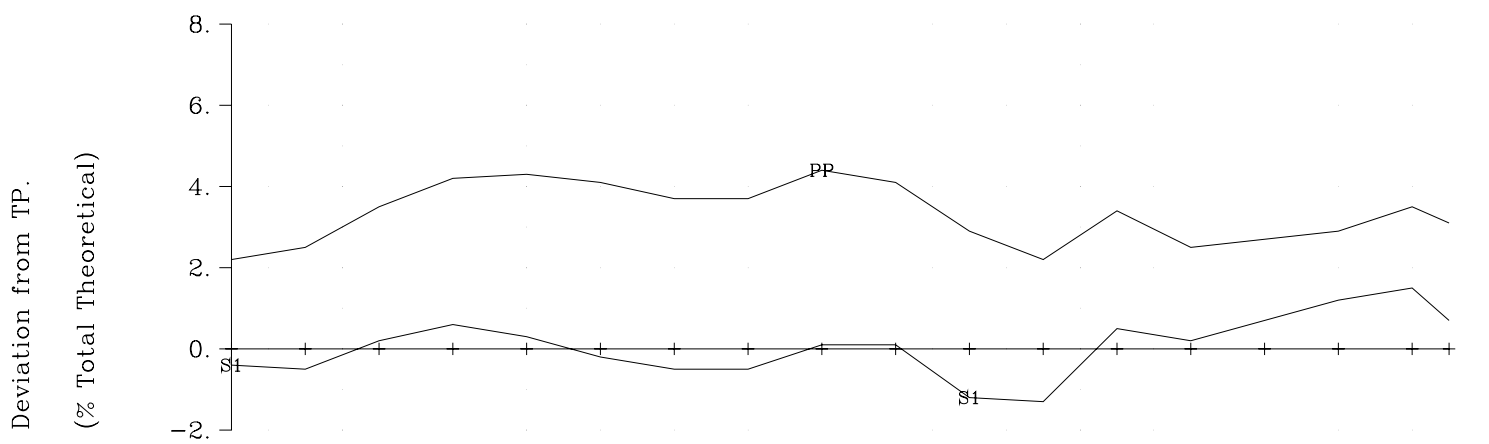
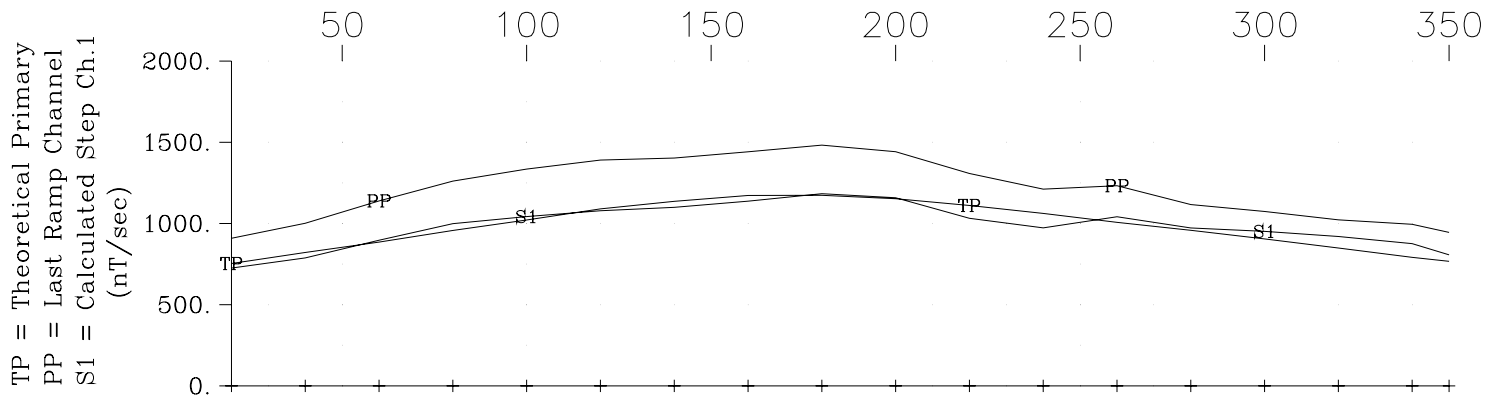
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.



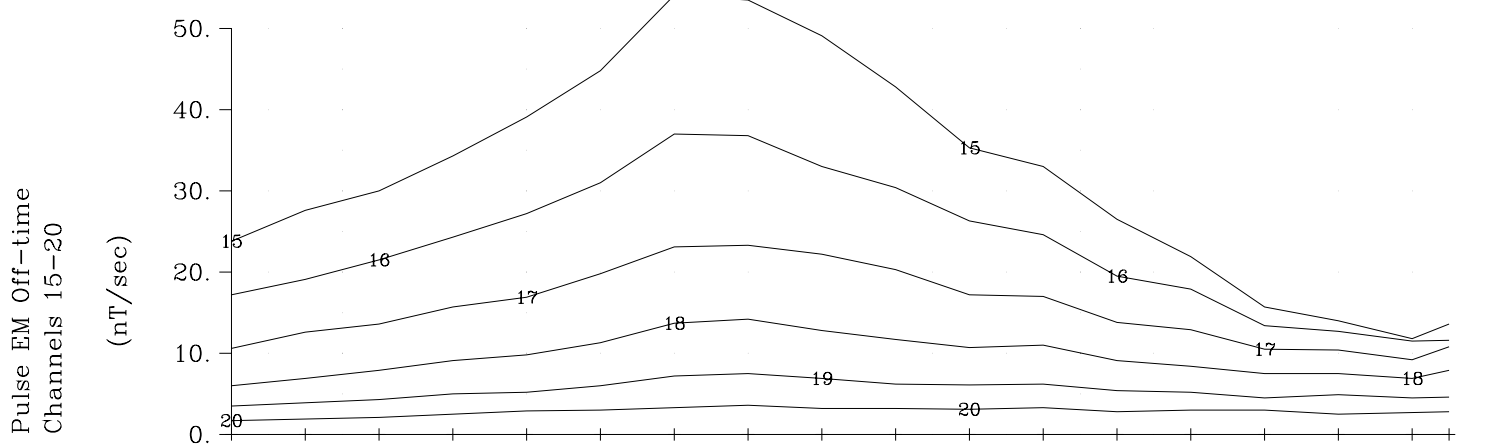
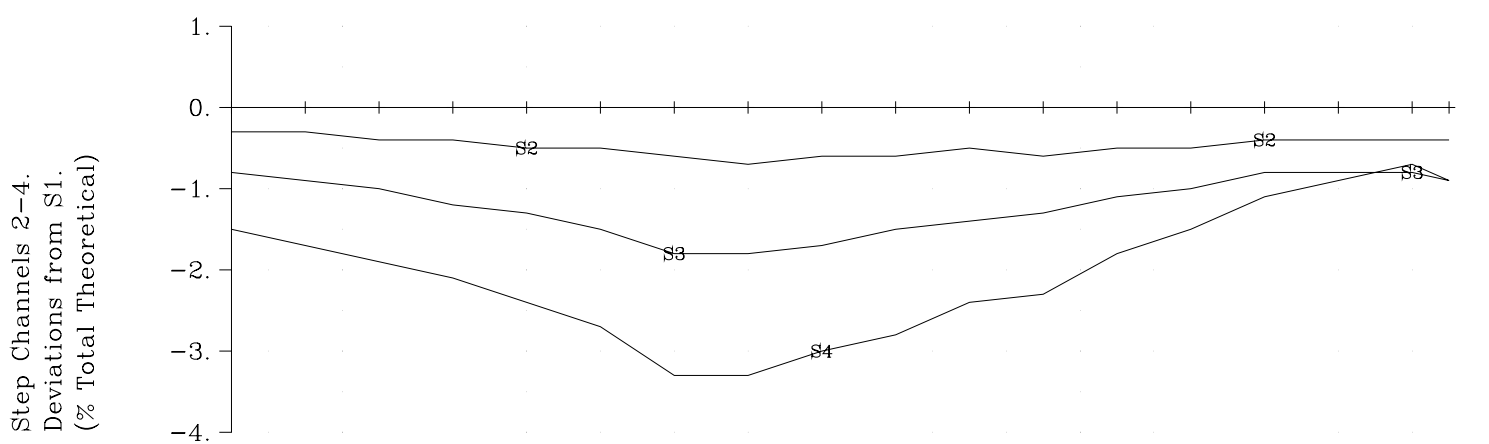
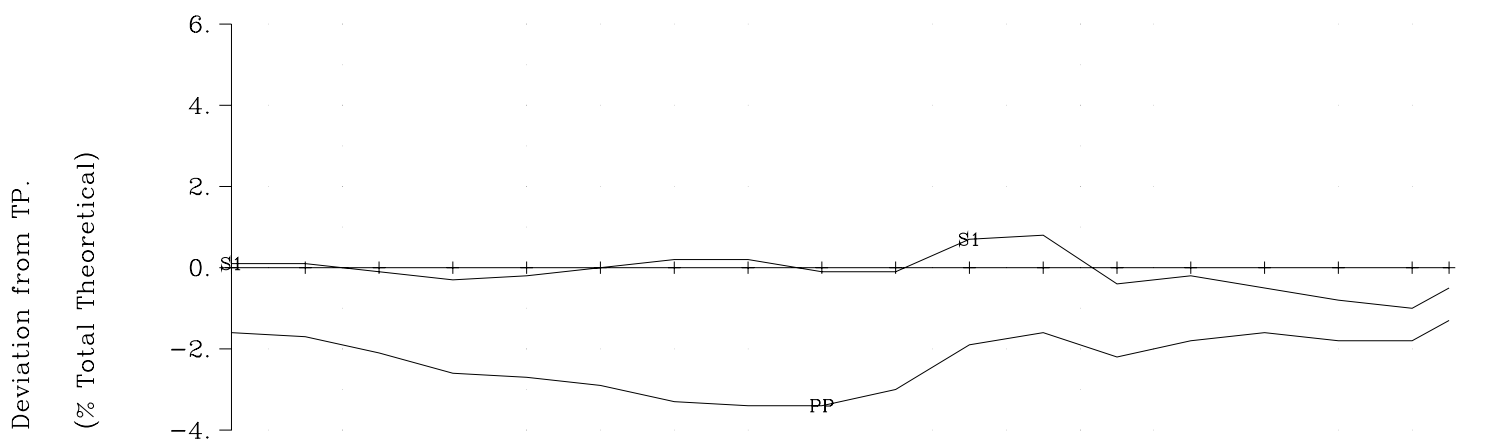
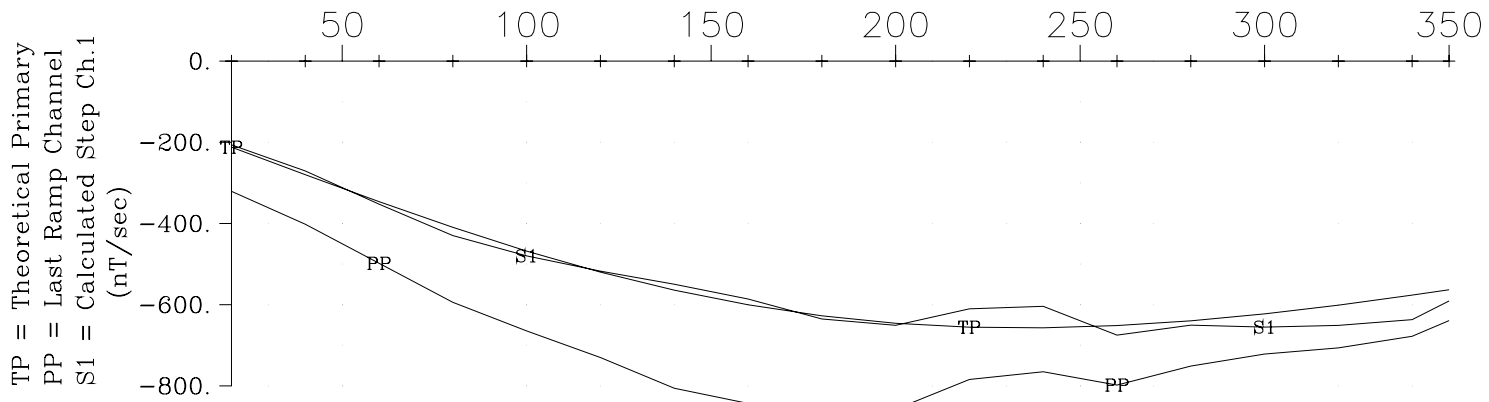
Rio Tinto Exploration - Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.



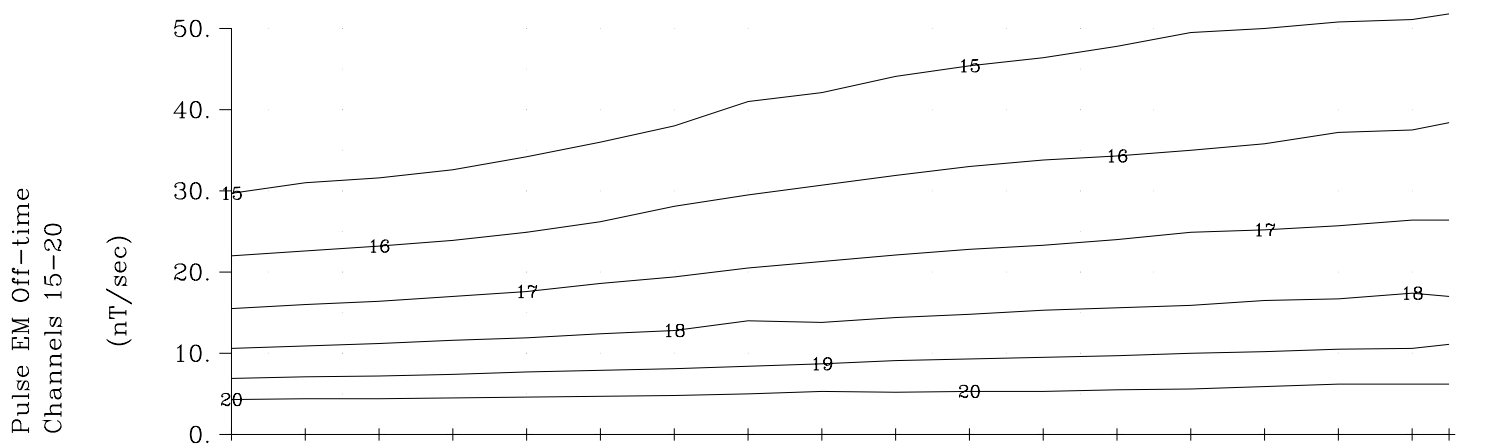
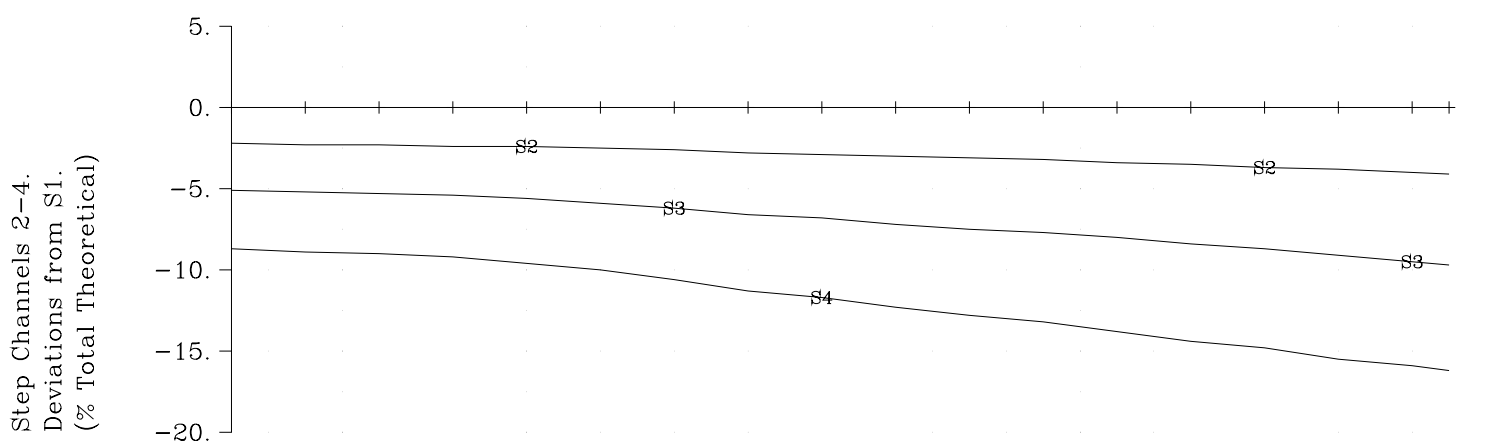
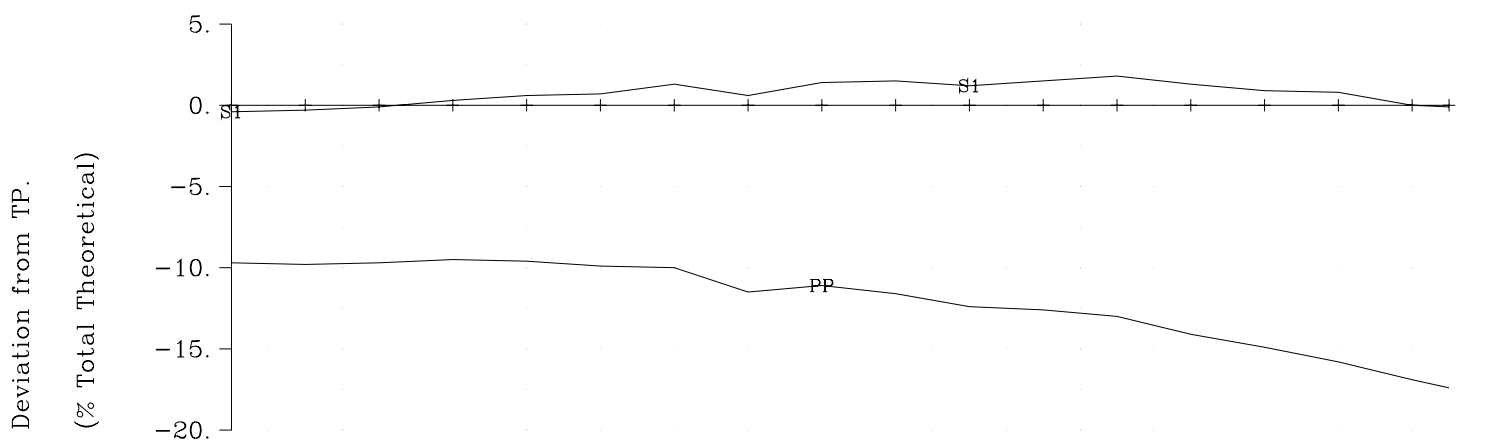
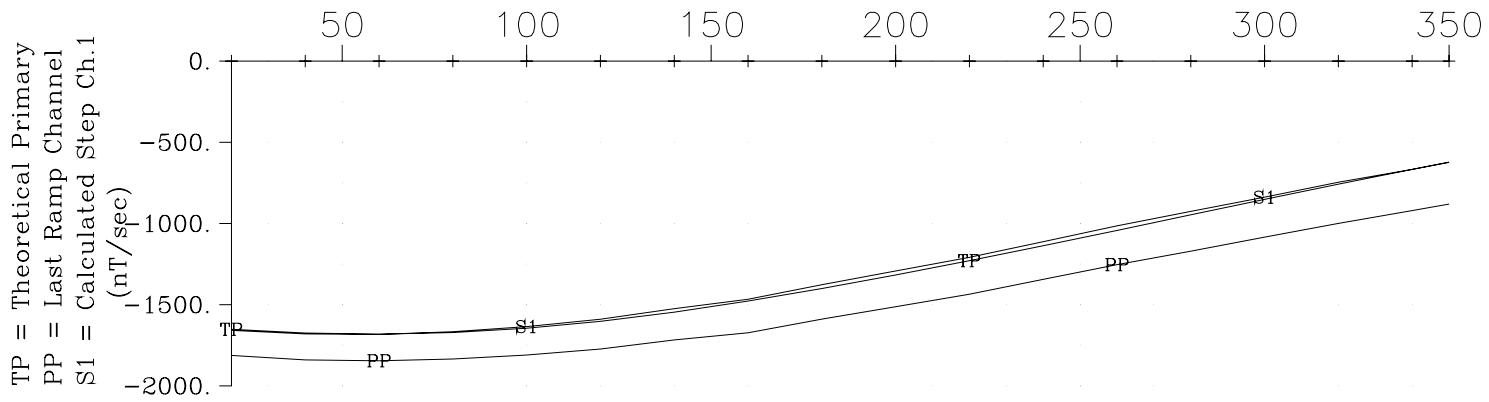
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.



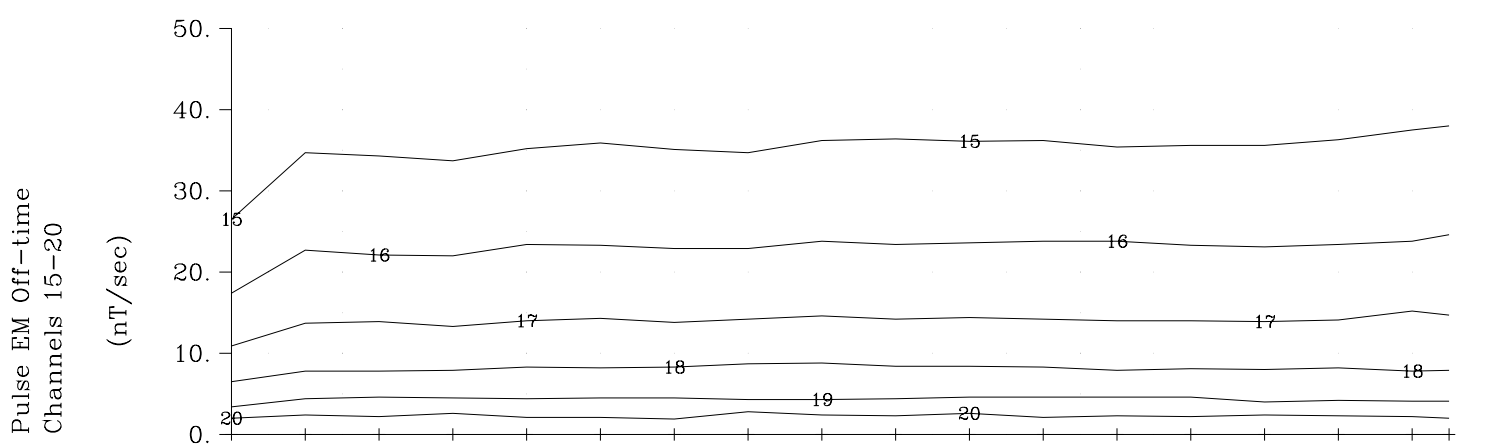
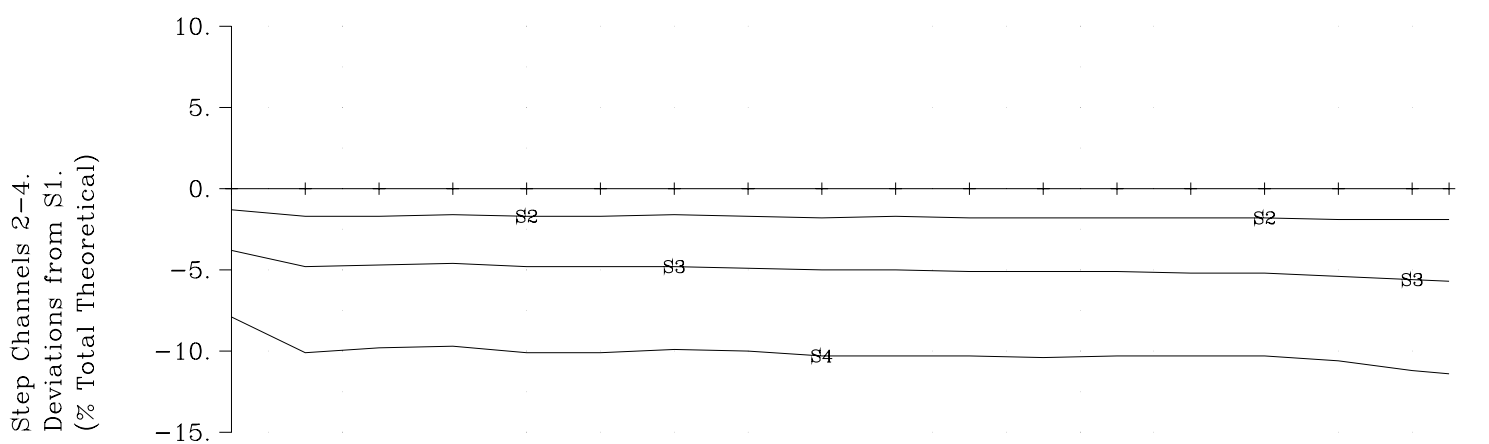
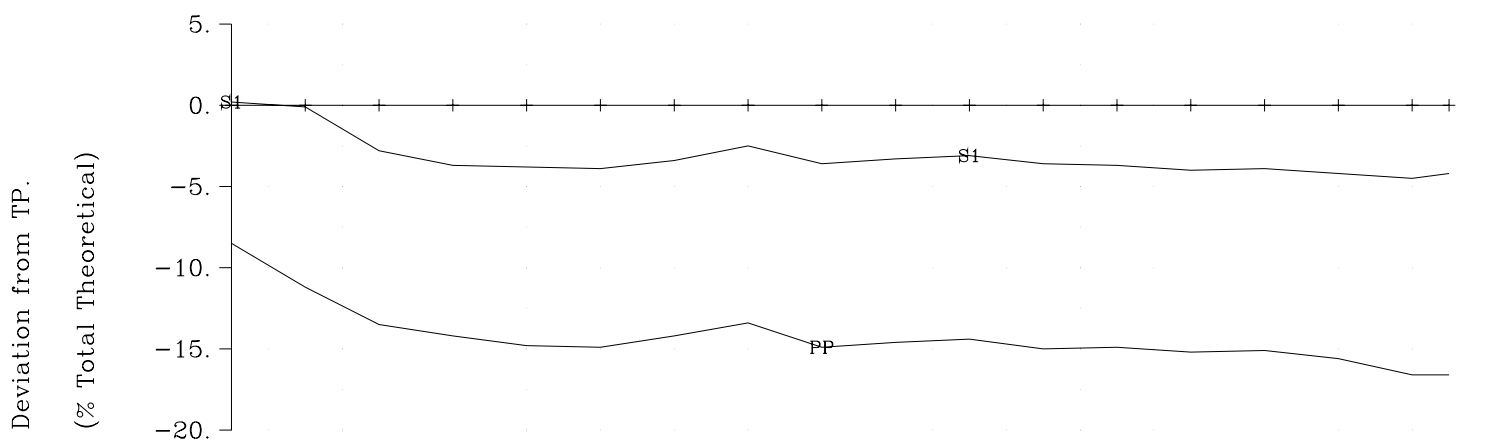
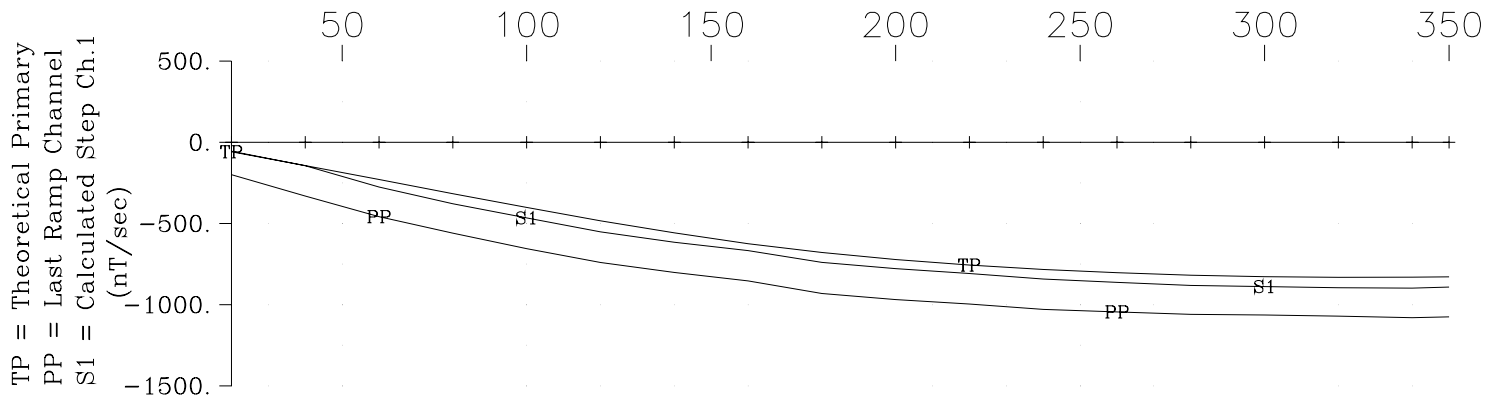
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.



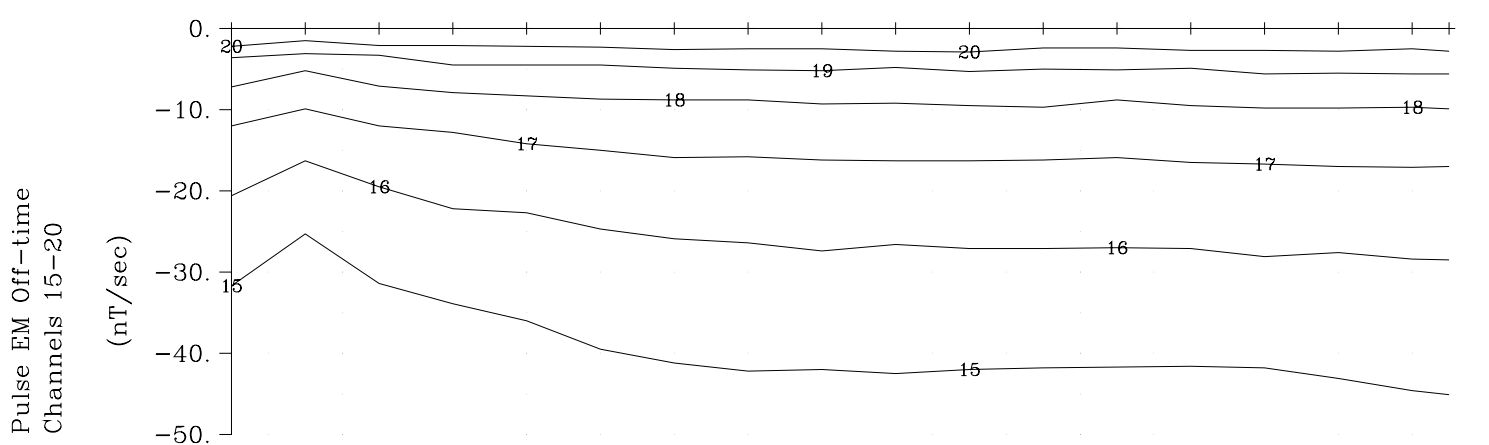
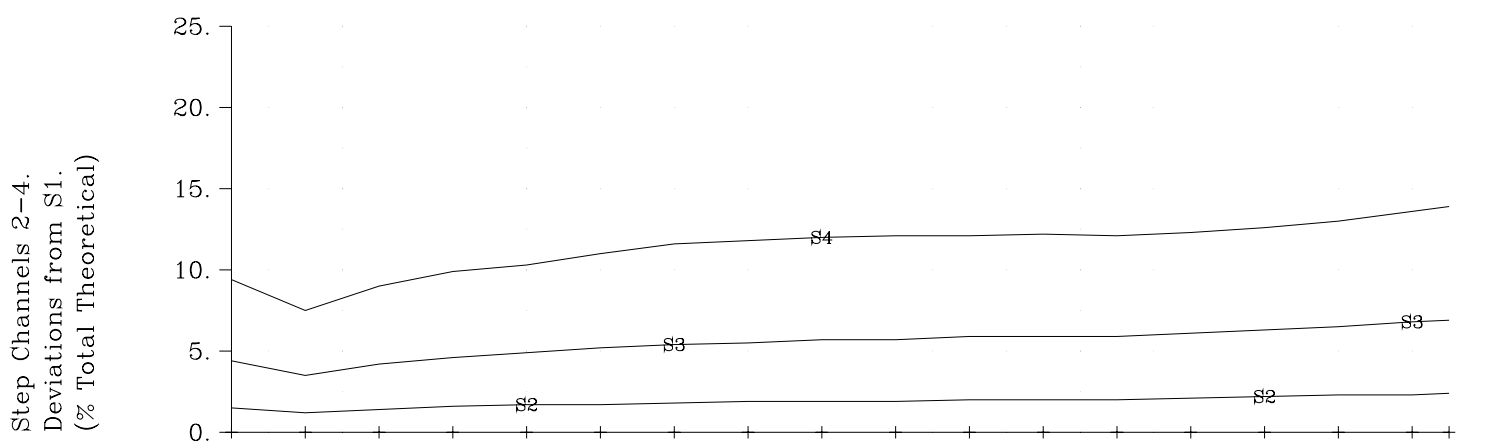
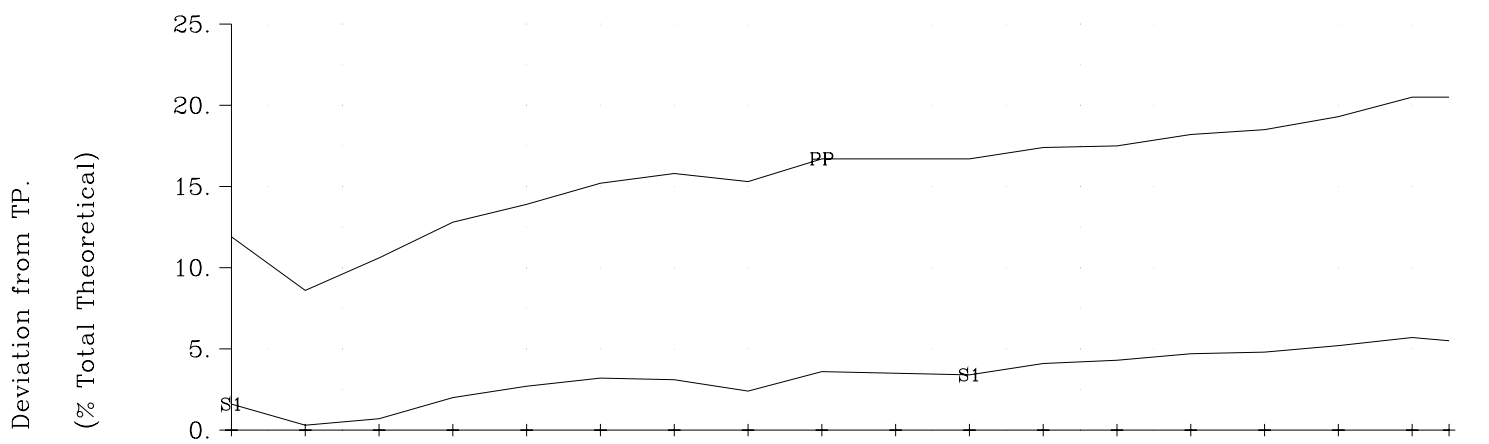
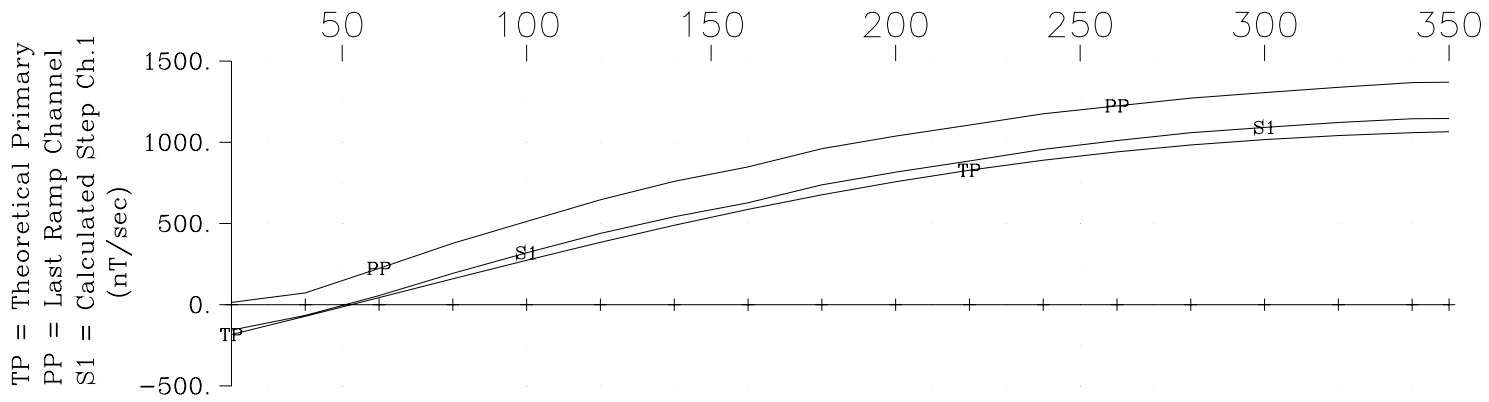
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.



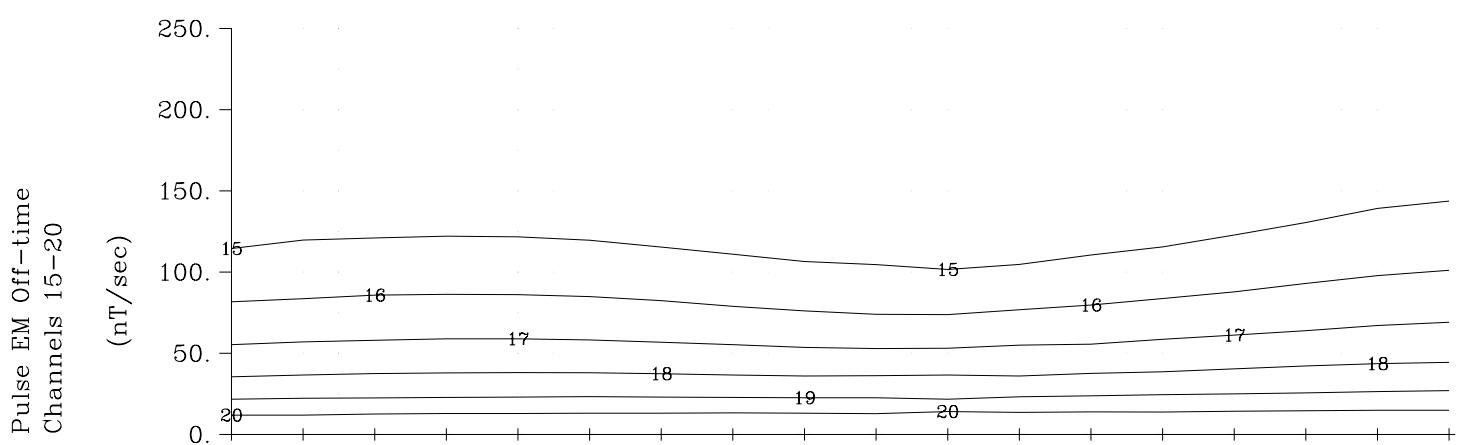
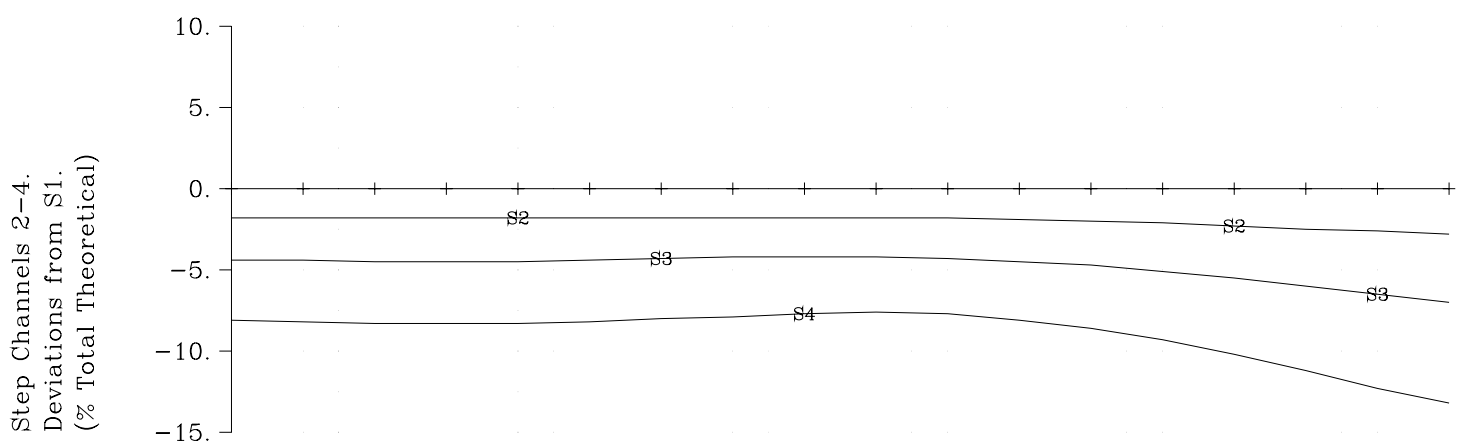
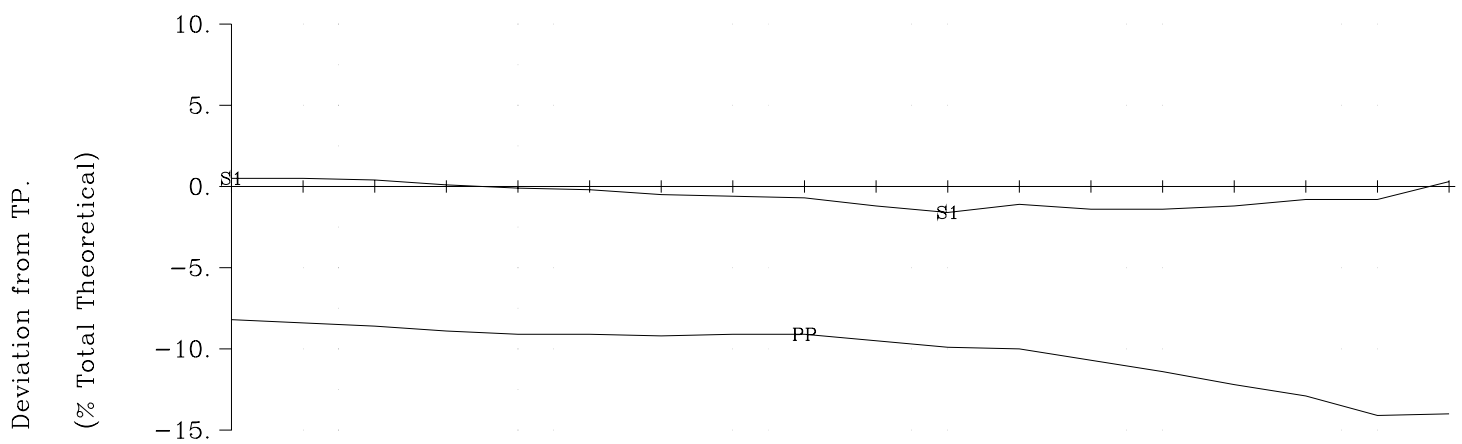
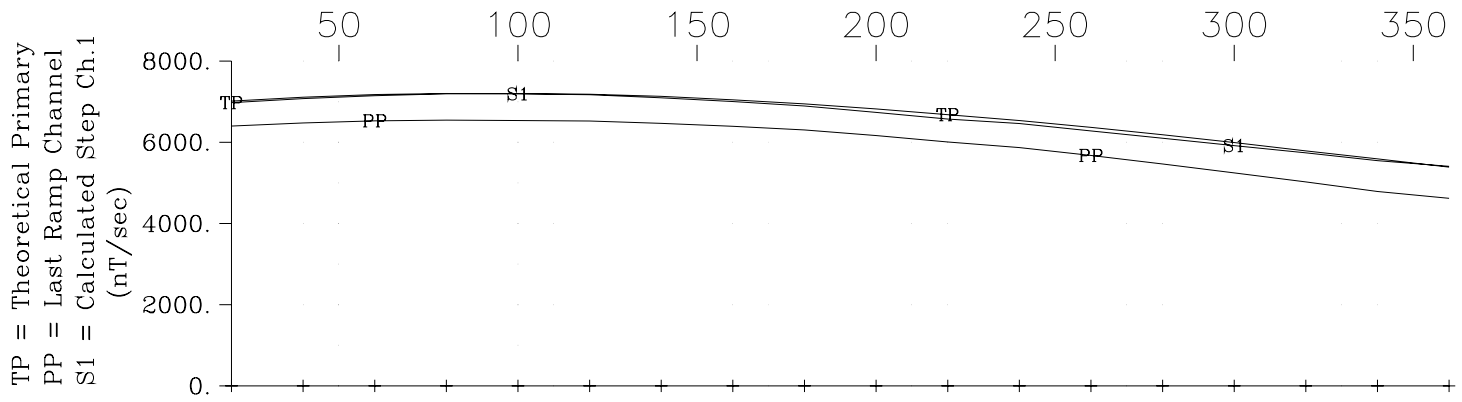
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Z Component
 Crone Geophysics & Exploration Ltd.



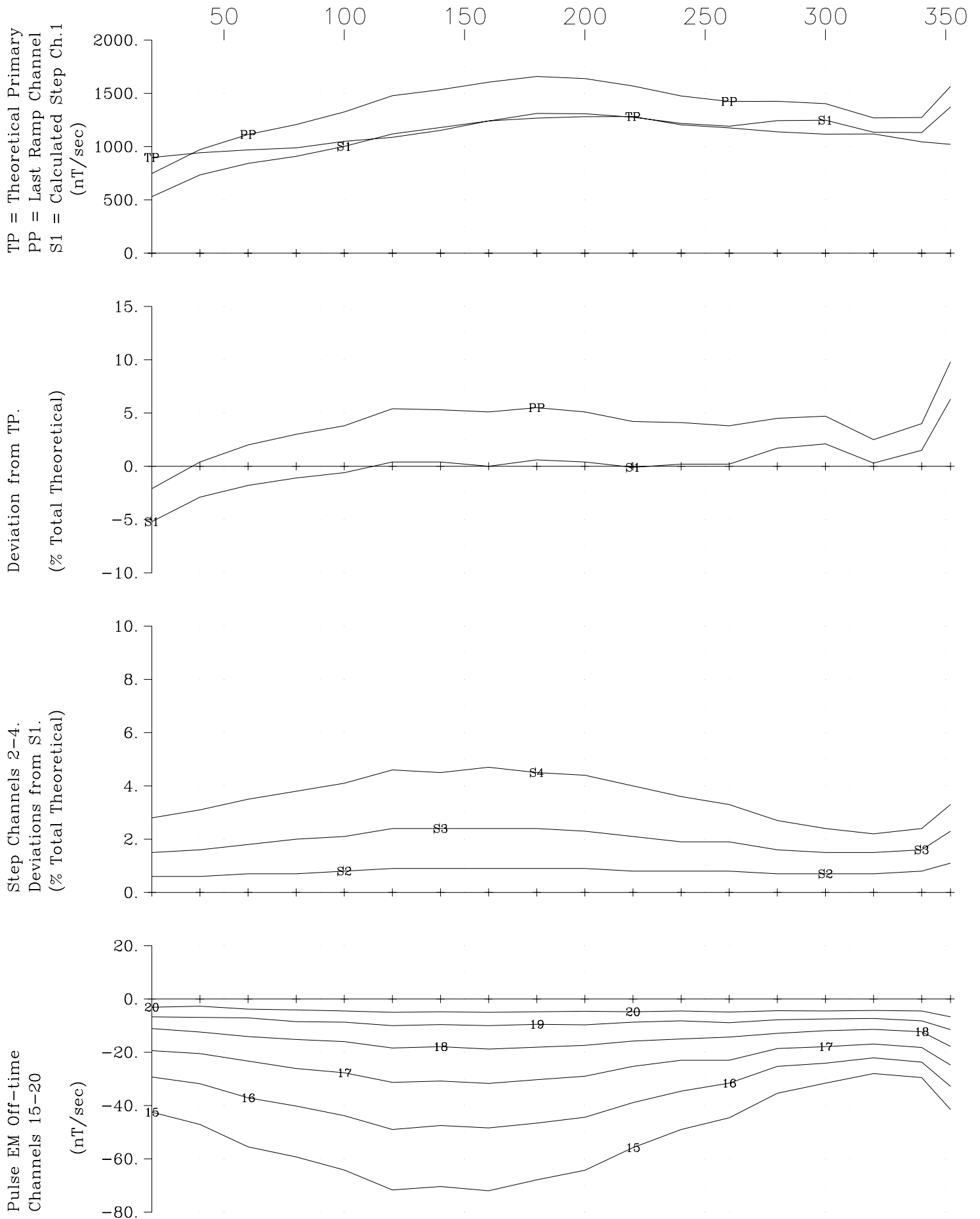
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 X Component
 Crone Geophysics & Exploration Ltd.



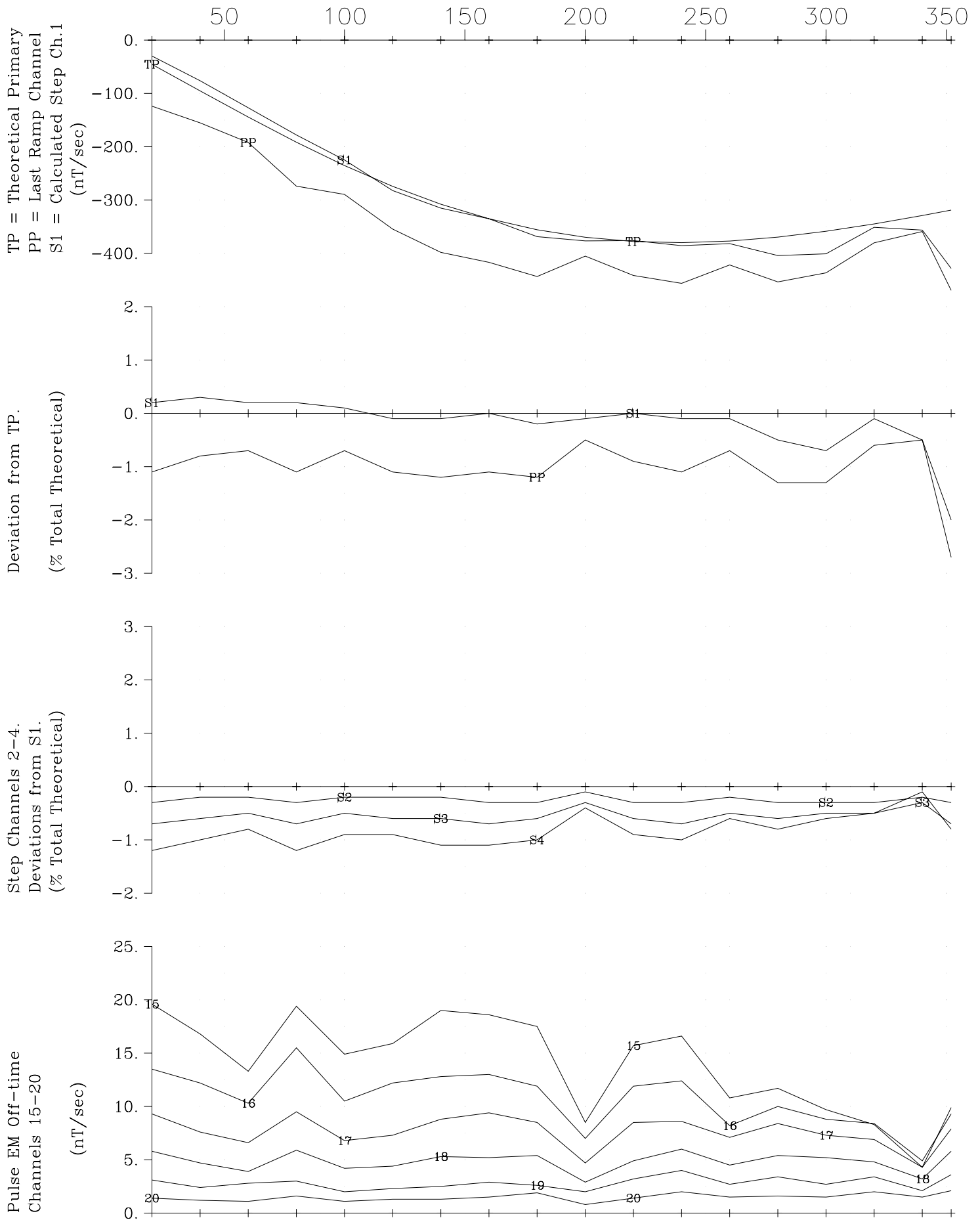
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-76 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-77 Z Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-77 X Component
 Crone Geophysics & Exploration Ltd.



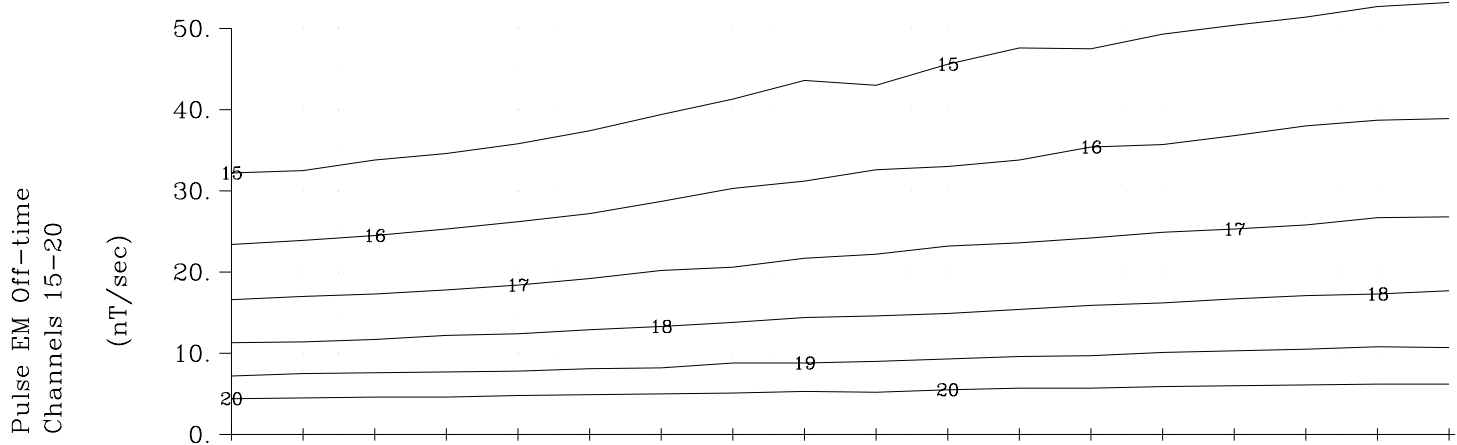
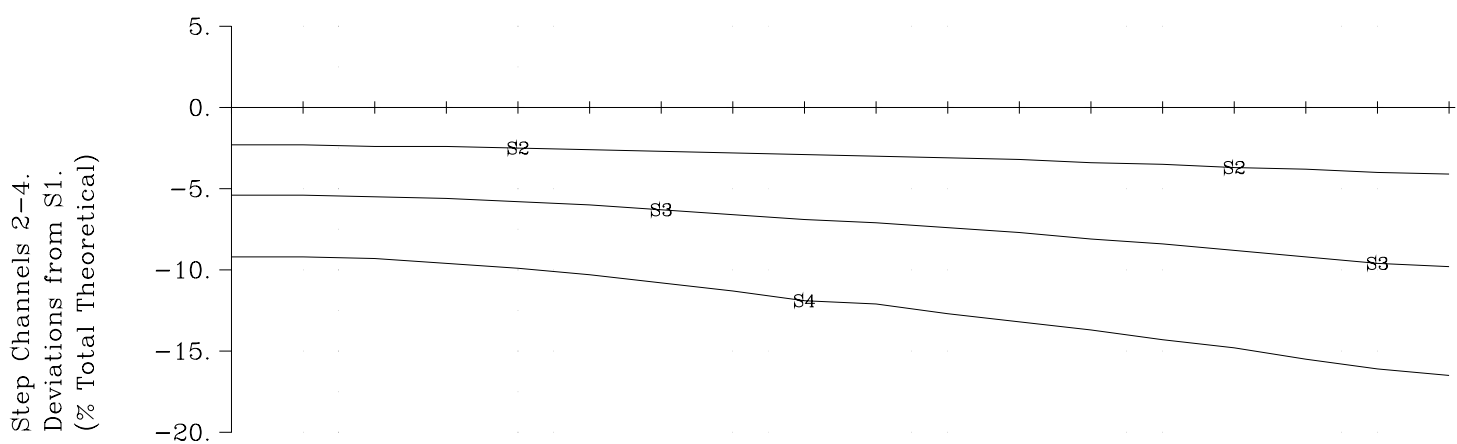
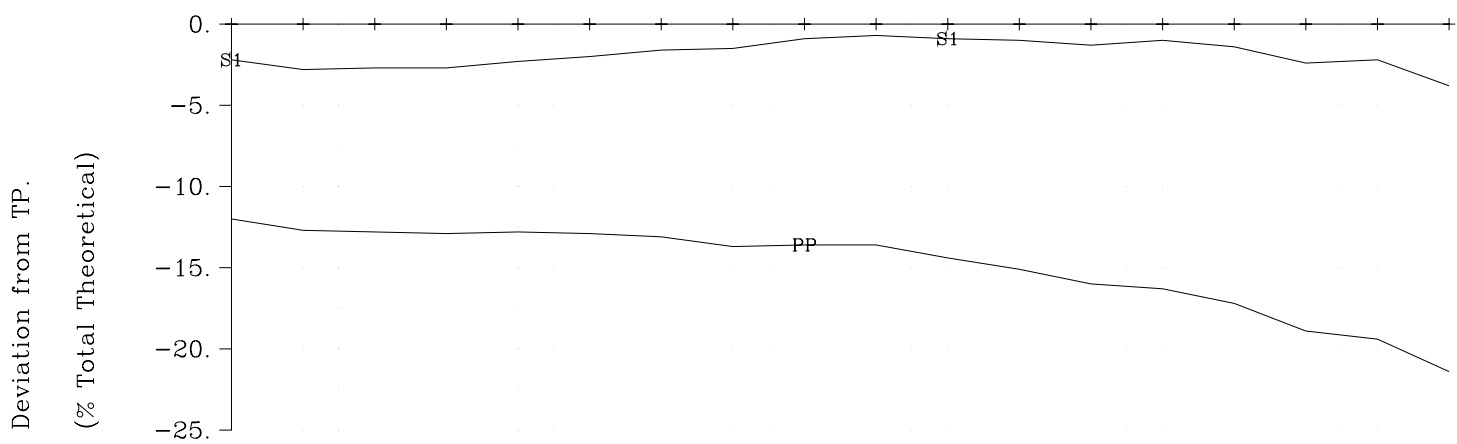
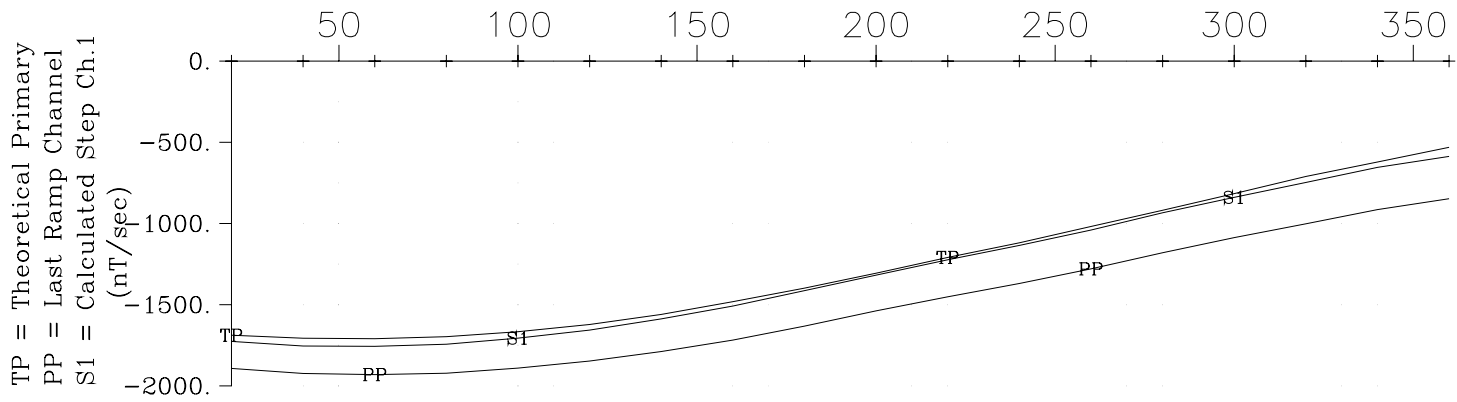
TP = Theoretical Primary
 PP = Last Ramp Channel
 S1 = Calculated Step Ch.1

Deviation from TP.
 (% Total Theoretical)

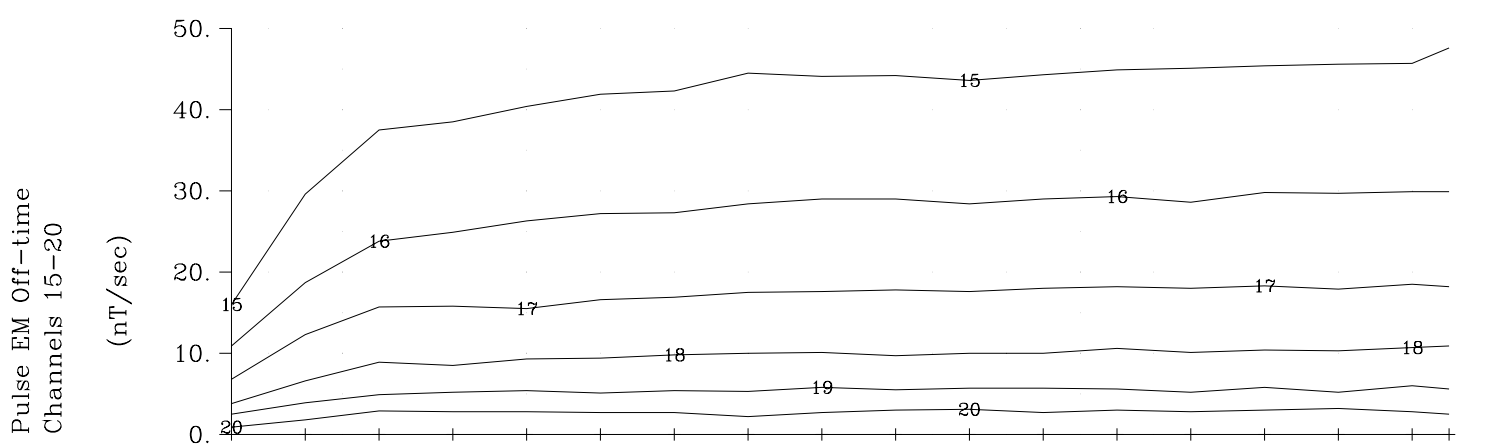
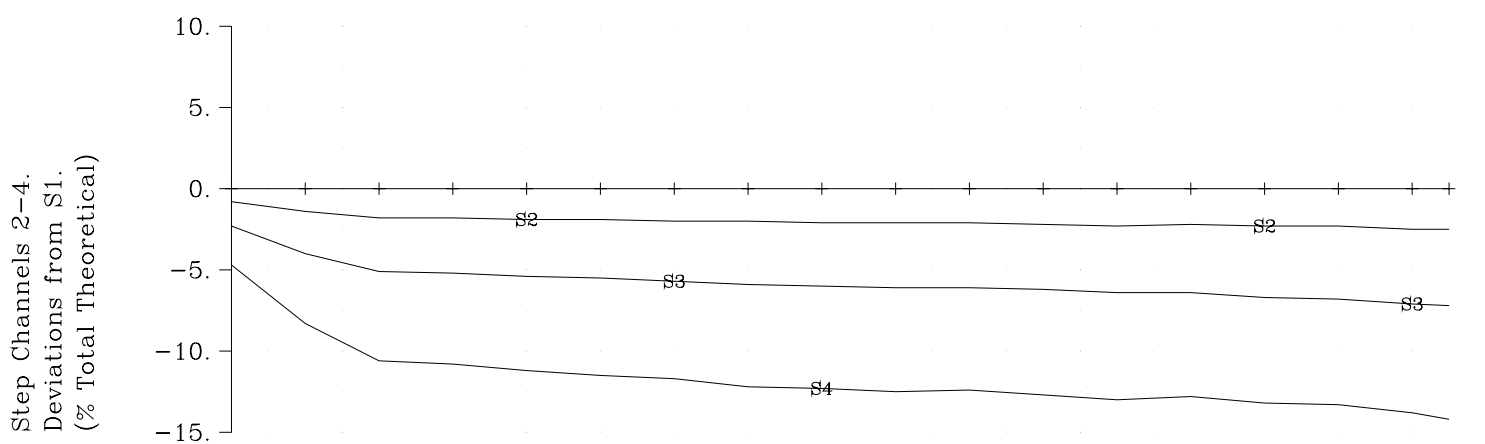
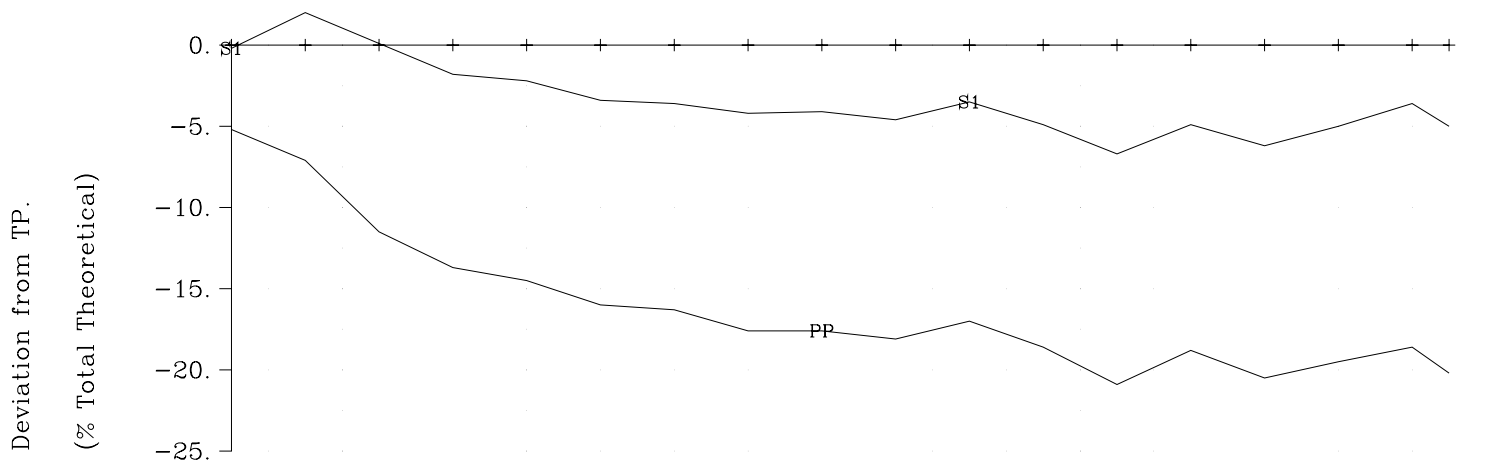
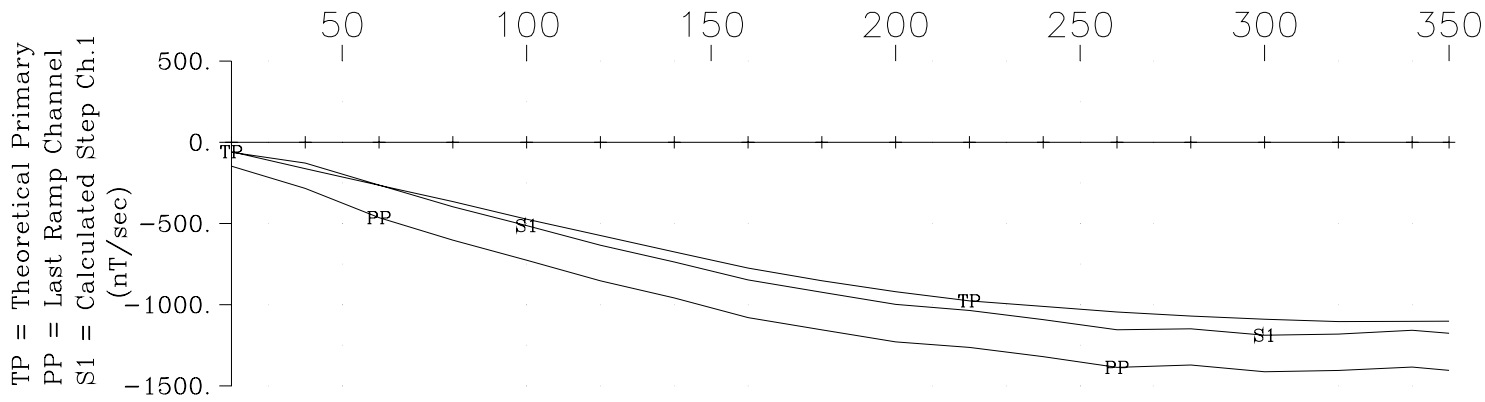
Step Channels 2-4.
 Deviations from S1.
 (% Total Theoretical)

Pulse EM Off-time
 Channels 15-20
 (nT/sec)

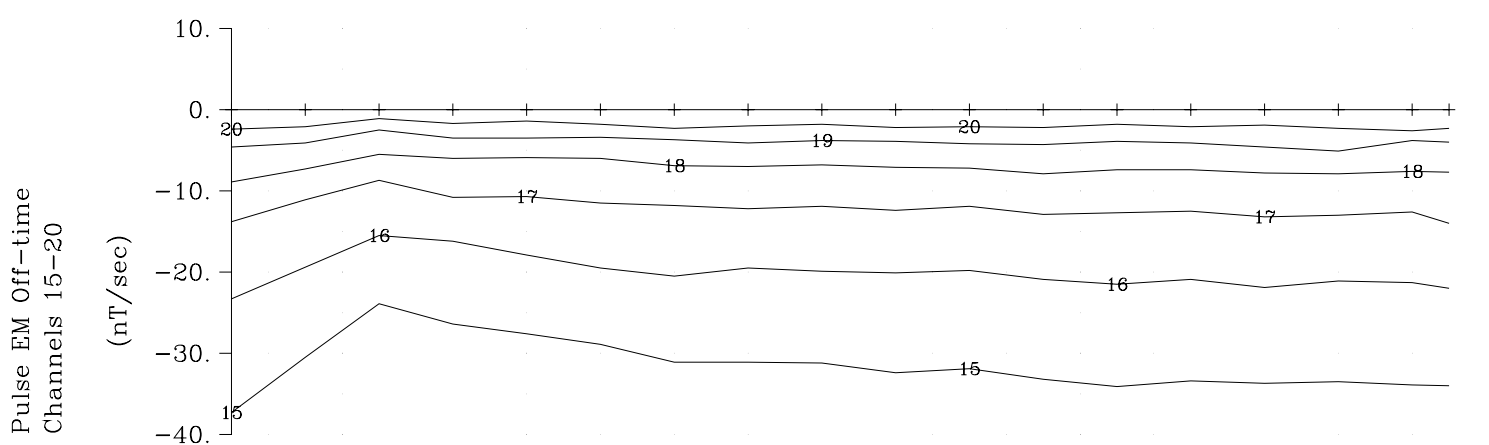
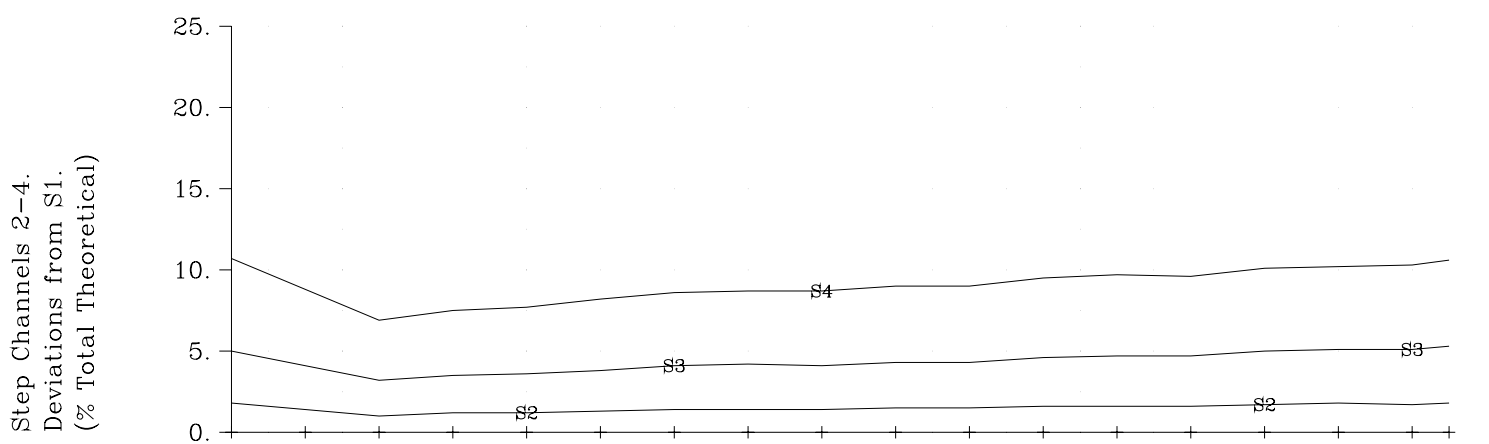
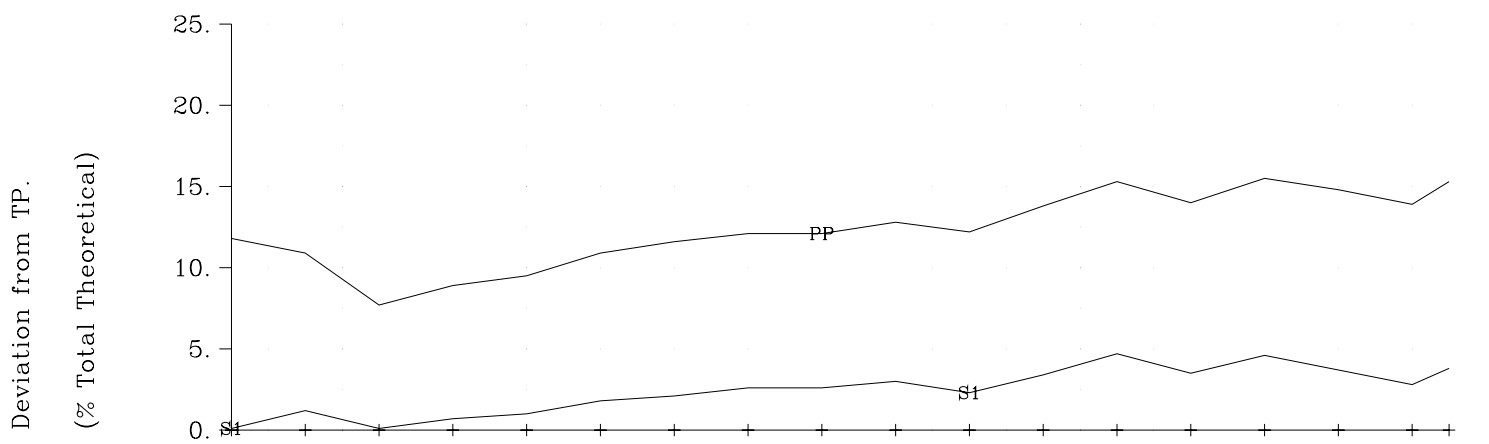
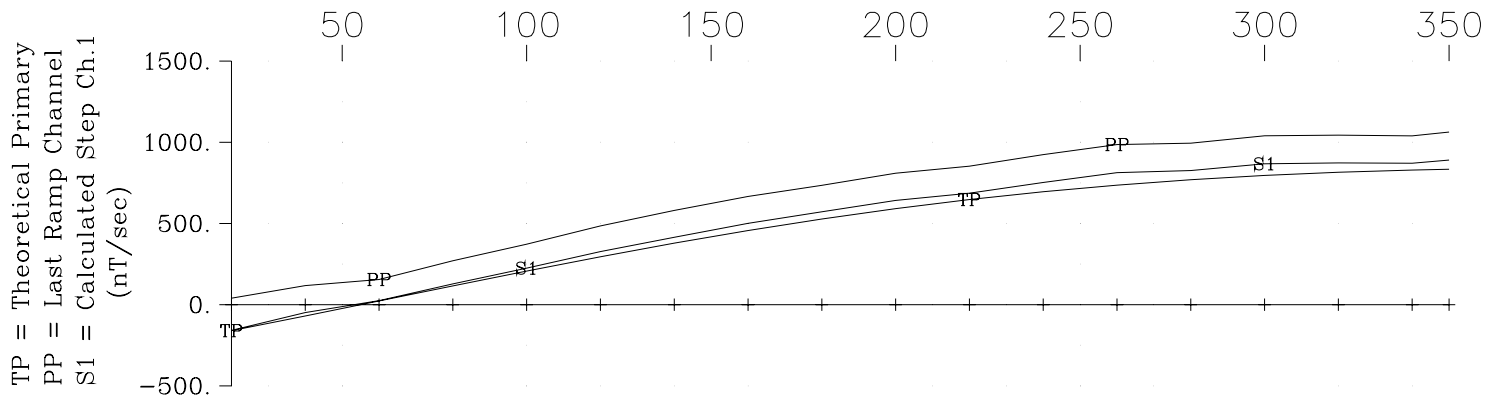
Rio Tinto Exploration Crystal Lake
 Loop CL_2014_N1, Hole 89-77 Y Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-77 Z Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-77 X Component
 Crone Geophysics & Exploration Ltd.



Rio Tinto Exploration Crystal Lake
 Loop CL_2014_S1, Hole 89-77 Y Component
 Crone Geophysics & Exploration Ltd.