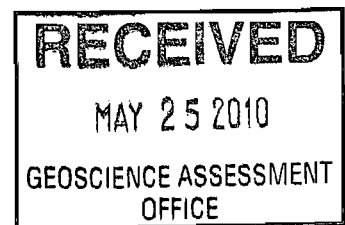


2010 DIAMOND DRILL REPORT

OFF LAKE PROPERTY

Rainy River Resources Limited

2.45081



Clement J. Baker, MSc.
Regional Exploration Manager
30 April, 2010.

SUMMARY

This report documents the results of a four hole, 1,084.00 metre, NQ diamond drill program conducted by Rainy River Resources on their Off Lake Property between the 4th and 23rd of February, 2010. The Off Lake Property is located approximately 50 kilometres northwest of Fort Frances in the Rainy River District of north-western Ontario.

Target generation was based on previous work undertaken by Rainy River Resources field crews over four field seasons in Fleming, Senn and Potts townships. Four diamond drill holes (OL10_01 to OL10_04) tested anomalous(VMS-style) gold, copper and zinc values returned from previous drilling along the eastern shoreline of Off Lake. Also, another purpose of this phase of drilling was to locate the 'up-ice' source of a 'high grade' boulder train on the northern peninsula and to drill test the Agassiz showing on the southern peninsula.

The current diamond drill program along the eastern shoreline of Off Lake returned extensive anomalous, but sub-grade, copper values and very low gold values. A very narrow interval of VMS-style mineralization was noted in one of the four drill holes. The source of the high-grade boulders was not ascertained with the current drilling. The economic potential of the area proximal to the composite felsic dike which runs sub-parallel to the eastern shoreline of Off Lake remains attractive.

Future exploration activity on Rainy River Resources' Off Lake property should continue to focus on the Off Lake Felsic Dike Complex along the eastern shoreline of Off Lake in Fleming and Senn townships and on the chert-exhalite horizon in Menary township.

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1.0 INTRODUCTION

This report presents and summarizes the results of a four hole, 1,084 metre NQ diamond drill program conducted by Rainy River Resources (RRR) on their Off Lake property located northwest of Fort Frances, Ontario. The drill program was conducted between the 4th and 23rd of February, 2010. Clement J. Baker, Regional Exploration Manager for Rainy River Resources, supervised the drill program.

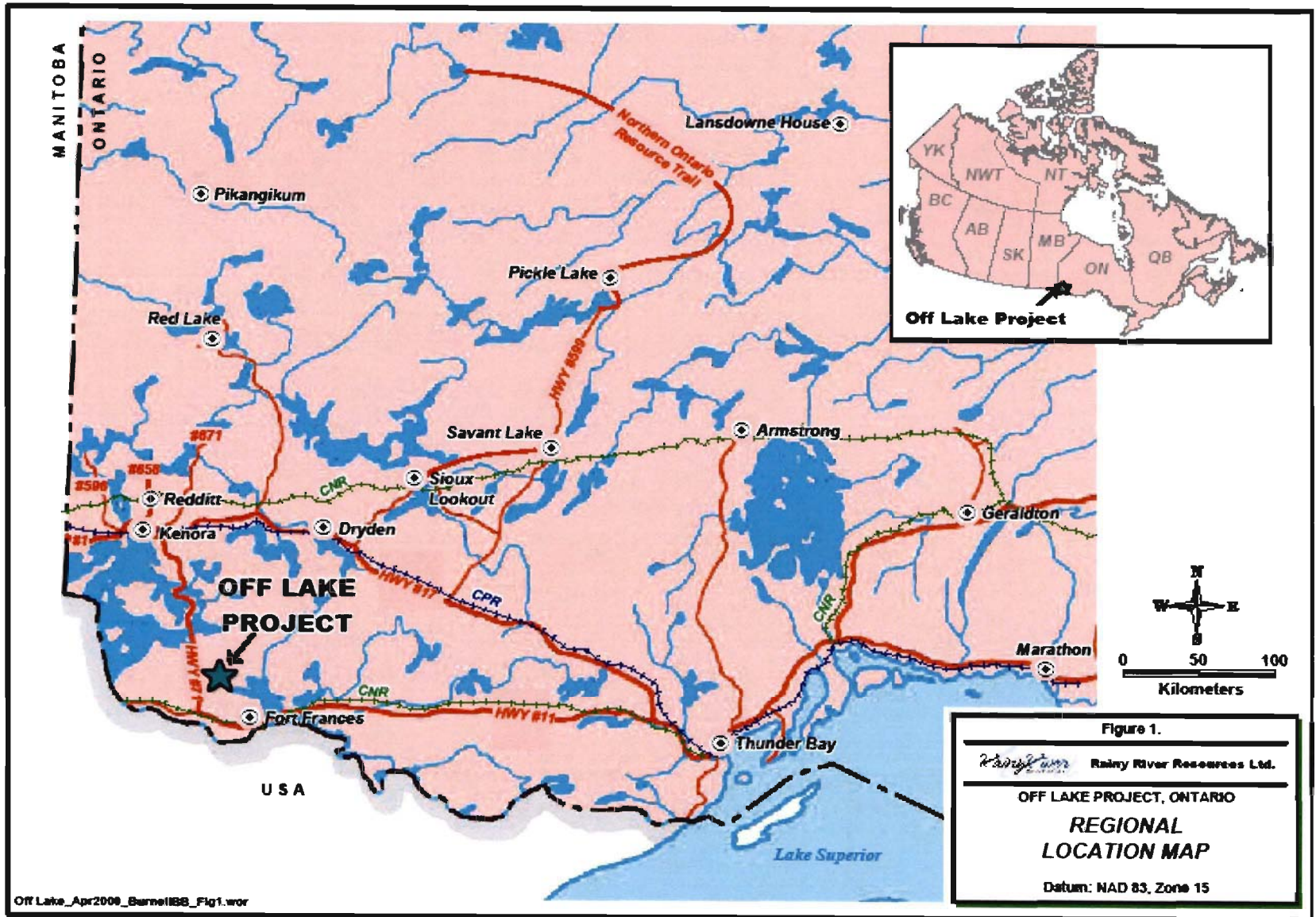
The Off Lake Property claims cover the north-eastward extension of the Archean greenstone belt that hosts the company's gold project in Richardson Township. Off Lake is approximately 17 kilometers from the company's Richardson Township gold-rich VMS deposit. In the Off Lake-Clearwater Lake area the main focus of exploration continues to be the upper part of the *Off Lake Felsic Dike Complex (OLFC)*. The 'type locality' for the OLFC consists of stripped outcrops in the central portion of the Cunningham Patent in Potts Township.

Late in the 2007 field season, a mineralized boulder train was discovered along the southern perimeter of the Northern Peninsula on the northeast shoreline of Off Lake. For example, grab sample #804497 (440325E, 5417060N) returned gold-rich VMS-style mineralization which included 4.67g/t gold and 7.66% zinc.

Drill target generation in the current drill program was the direct result of previous diamond drill and prospecting programs by Rainy River Resources in Fleming and Senn townships.

2.0 LOCATION AND ACCESS

The Off Lake Property is located in north-western Ontario on NTS Map Sheet 52 C/13. The town of Fort Frances is located approximately 50 kilometres to the southeast (Figure 1). The property holdings are displayed on Ontario mining tenure map plans G-3819 (Menary), G-3826 (Potts), G-3809 (Fleming) and G-3832 (Senn) in the Kenora Mining Division. Easy access to the drill sites was achieved via Off Lake Road (Highway 615) to the north end of Off Lake and thence onto the ice surface of Off Lake.



3.0 CLAIMS AND OWNERSHIP

The Off Lake Property covers parts of Menary, Senn, Fleming and Potts townships and consists of 49 unpatented and patented claims totalling 8,304 hectares (Tables 1, 2) or 20,519 acres. Assembly of the Off Lake land position was commenced in 2005 with an option on three Stares Contracting Corporation mining claims (MC3019809, MC3008455 and MC3008456) in Senn and Fleming townships. Over a period of four years, Rainy River Resources (RRR) staked crown land (100% RRR) and signed option agreements with owners of patented claims in the area.

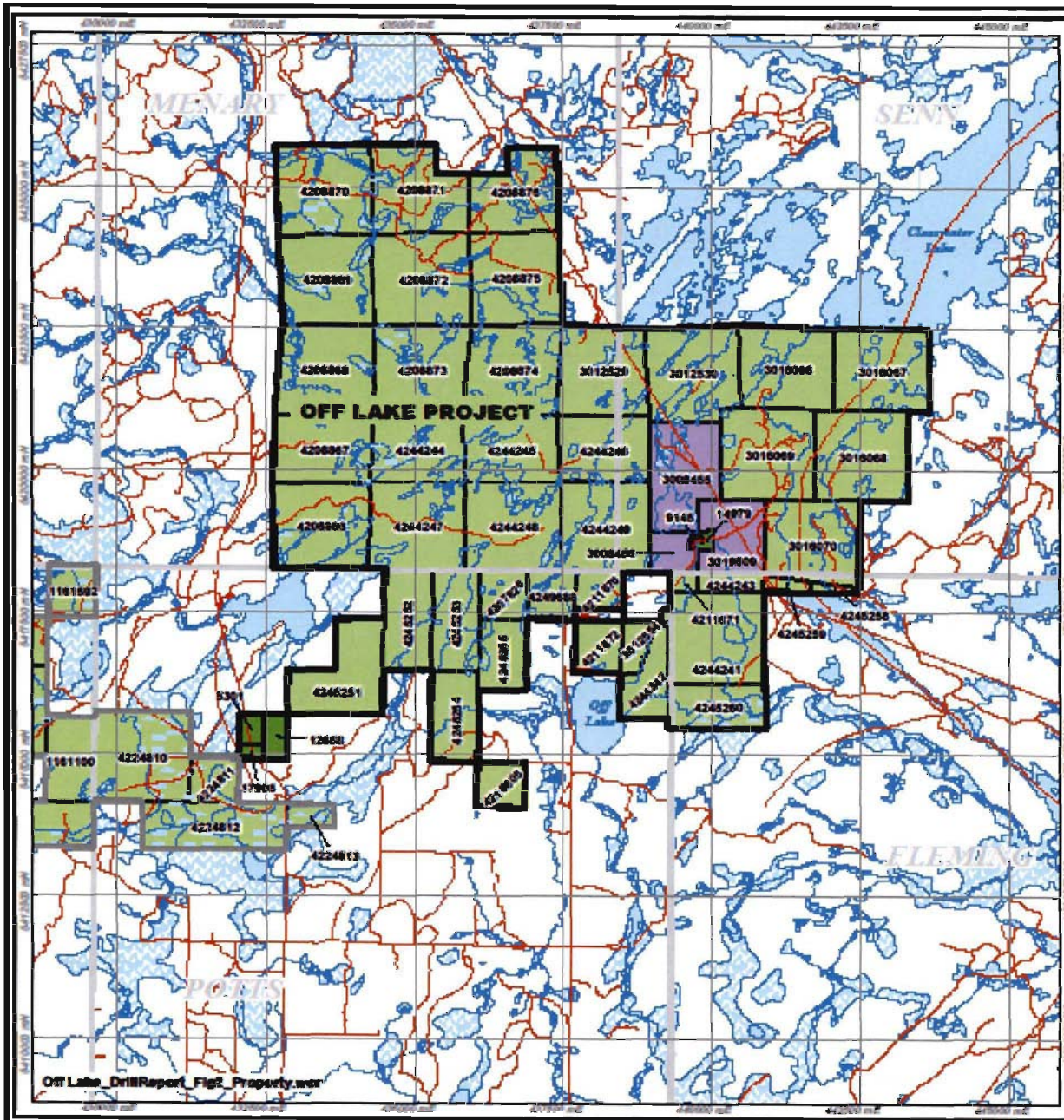
TABLE 1: Off Lake Property Claims List (*Stares Contracting Corp Optioned Mining Claims)

Twp	Mining Claims	Recording Date	Due Date	Units	Percent Option
Menary	4208866	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208867	2005-Oct-26	2010-Oct-26	12	100%
Menary	4208868	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208869	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208870	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208871	2005-Oct-26	2010-Oct-26	15	100%
Menary	4208872	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208873	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208874	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208875	2005-Oct-26	2010-Oct-26	16	100%
Menary	4208876	2005-Oct-26	2010-Oct-26	14	100%
Menary	4244244	2009-Jan-28	2011-Jan-28	12	100%
Menary	4244245	2009-Jan-28	2011-Jan-28	12	100%
Menary	4244247	2009-Jan-28	2011-Jan-28	16	100%
Menary	4244248	2009-Jan-28	2011-Jan-28	16	100%
Potts	3012554	2007-Mar-13	2011-Mar-13	3	100%
Potts	4207826	2006-Feb-20	2011-Feb-20	4	100%
Potts	4211670	2006-Jun-26	2010-Jun-26	4	100%
Potts	4211672	2006-Jun-26	2010-Jun-26	5	100%
Potts	4218605	2007-Apr-19	2011-Apr-19	4	100%
Potts	4224810	2008-May-06	2011-May-06	16	100%
Potts	4224811	2008-May-06	2011-May-06	4	100%
Potts	4224812	2008-May-06	2011-May-06	12	100%
Potts	4224813	2008-May-15	2011-May-15	2	100%
Potts	4244242	2009-Jan-28	2011-Jan-28	7	100%
Potts	4245251	2009-Jan-28	2011-Jan-28	12	100%
Potts	4245252	2009-Jan-28	2011-Jan-28	8	100%
Potts	4245253	2009-Jan-28	2011-Jan-28	8	100%
Potts	4245254	2009-Jan-28	2011-Jan-28	8	100%

Potts	4245255	2009-Jan-28	2011-Jan-28	6	100%
Potts	4249688	2010-Mar-01	2012-Mar-01	4	100%
Fleming	3019809	2004-May-17	2015-May-17	12	100%
Fleming	4211671	2006-Jun-26	2014-Jun-26	1	100%
Fleming	4244241	2009-Jan-28	2015-Jan-28	16	100%
Fleming	4244243	2009-Jan-28	2015-Jan-28	3	100%
Fleming	4245258	2009-Jan-28	2011-Jan-28	1	100%
Fleming	4245259	2009-Jan-28	2011-Jan-28	2	100%
Fleming	4245260	2009-Jan-28	2014-Jan-28	8	100%
Senn	3008455	2004-Jun-21	2015-Jun-21	14	100%
Senn	3008456	2004-Jun-21	2015-Jun-21	4	100%
Senn	3012529	2006-Feb-13	2011-Feb-13	16	100%
Senn	3012530	2006-Feb-13	2011-Feb-13	16	100%
Senn	3016066	2006-Feb-13	2011-Feb-13	16	100%
Senn	3016067	2006-Feb-13	2011-Feb-13	16	100%
Senn	3016068	2006-Feb-13	2011-Feb-13	16	100%
Senn	3016069	2006-Feb-13	2011-Feb-13	16	100%
Senn	3016070	2006-Feb-13	2011-Feb-13	16	100%
Senn	4244246	2009-Jan-28	2011-Jan-28	13	100%
Senn	4244249	2009-Jan-28	2011-Jan-28	16	100%
				519	

The patented claims on the Off Lake Property are typically under four year option deals involving cash payments and common shares of Rainy River Resources Limited. Upon completion of these payments, Rainy River Resources will have purchased 100% of the property less a 2% NSR. The unpatented mining claims and patents of the company's Off Lake property are shown in Figure 2. The option agreements with patent landholders Huitikka and Petkau in March, 2009, effectively made the Off Lake Property and the company's Richardson Township project one contiguous claim block.

The focus of this report relates to drilling completed on unpatented mining claim MC3019809 in Senn Township where drill hole OL10_01 targeted the significant VMS-style mineralization intersected in previous DDH OL08_04. Diamond drill holes OL10_02 to OL10_03 on MC4244241 targeted the 'up ice' area north of the high grade boulder train on the northern peninsula. On the same mining claim, diamond drill hole OL10_04 specifically targeted the historical Agassiz showing located on the southern peninsula.



LEGEND

-  Richardson TWP Project
-  Off Lake Project
-  Claims
-  Patents
-  Claims - Stare Option
-  Seasonal Roads, Trails
-  Roads
-  Rivers, Streams
-  Lakes
-  Wetland
-  Townships



Kilometers
Scale: 1:100,000

Figure 2.

Rainy River

Rainy River Resources Ltd.

OFF LAKE PROJECT, ONTARIO

CLAIM & PATENT MAP

Datum: NAD 83, Zone 15

Off Lake_DrillReport_Fig2_Property.wm

TABLE 2: Optioned/Purchased Patented Claims on Off Lake Property

Twp	Party	Date	Pin No.	Parcel	Acres
Senn	Katrin/Strand	2008-May-2	56032-0218	14979	24.6
Senn	Katrin/Strand	2008-May-2	56032-0240	9145	10.0
Potts	Huitikka	2009-Mar-24	56035-0036	12658	81.0
Potts	Petkau	2009-Mar-25	56035-0168	5301	45.9
Potts	Petkau	2009-Mar-25	56035-0089	17905	22.4

4.0 PREVIOUS WORK

Although exploration activity by individual prospectors, in the Off Lake area, dates back to the 1930's, the documented exploration in the Ministry of Natural Resources assessment files commences in 1967 (Baker, 2006). Historical exploration in the Off Lake area defined three distinct styles of mineralization: (1) high-grade, but small, lode gold deposits associated with quartz-veining in the mafic volcanics; (2) low-grade Cu and Zn mineralized zones hosted within tuffaceous units; and (3) Au-rich VMS style mineralization associated with felsic volcanics.

In February 2006, Rainy River Resources completed a VTEM survey over the central portion of the Off Lake claim block. The survey included Rainy River Resources' current land position in Menary Township. Geological mapping carried out in the Off Lake area during the 2006 field season, by Dr. Lorne Ayers (Ayers 2007), led to the identification and definition of the Off Lake Felsic Dike Complex (OLFC). The reverse circulation drilling completed by Overburden Drilling Management in 2008 focused primarily on testing the OLFC for gold-rich VMS mineralization (Michaud, 2008). One of the areas targeted was along the east shoreline of Off Lake at the fertile 'top' of the dike complex.

5.0 REGIONAL GEOLOGY

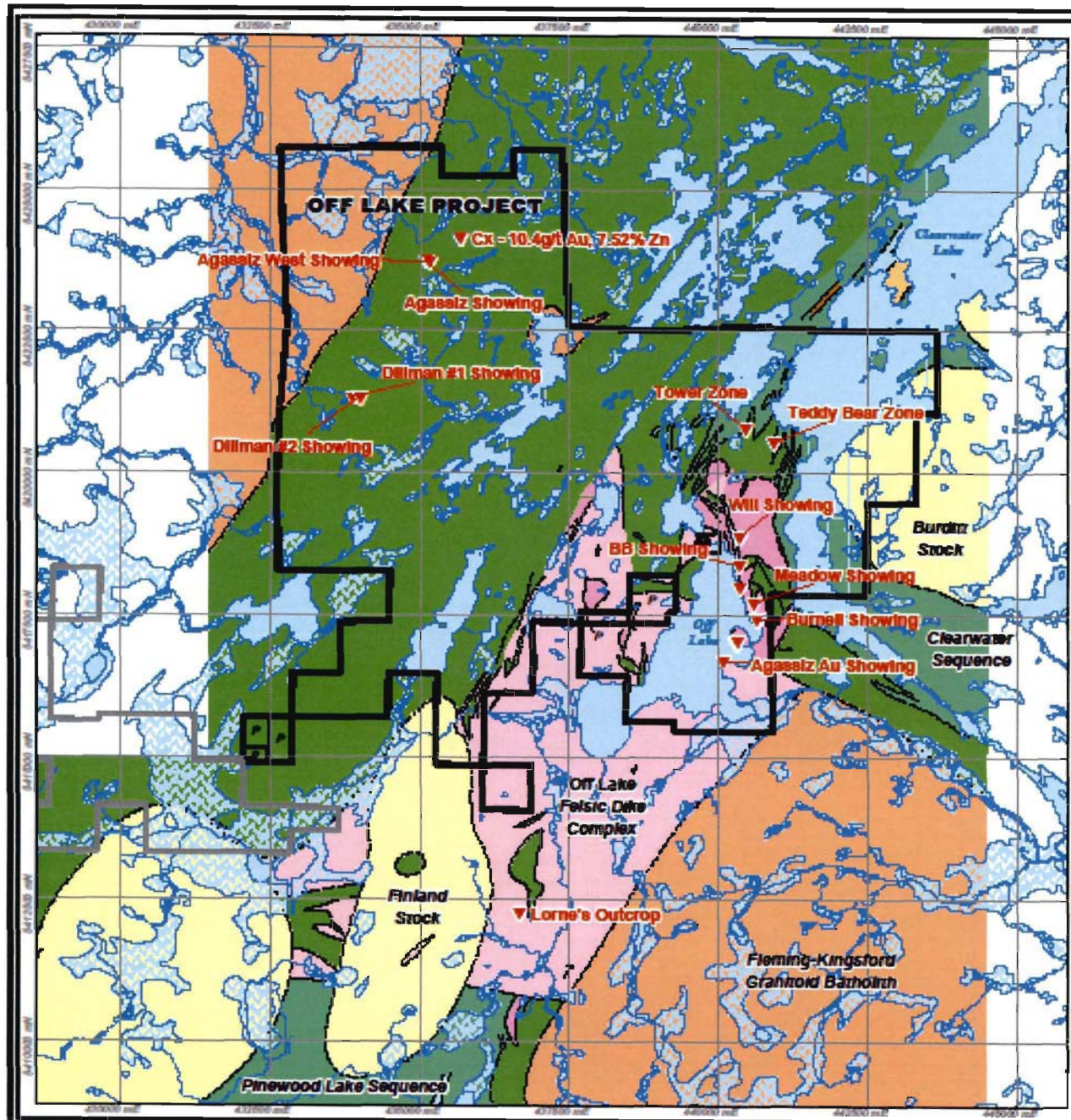
The Off Lake area is located in the south-western part of the Wabigoon greenstone-granitoid subprovince of the Archean Superior Province of the Canadian Shield. In this part of the subprovince, anastomosing greenstone belts surround younger amoeboid granitoid batholiths. The greenstone belt is bounded on the northwest by the younger Sabaskong granitoid batholith, on the southeast by the Fleming-Kingsford granitoid batholith and on the east by the Jackfish Lake Complex, a dioritic to granitic pluton.

In 1976, C.E. Blackburn of the Ontario Geological Survey, completed a regional-scale mapping survey in the Off Lake-Burditt Lake area:

“The felsic volcanic component of the supracrustal units overlie, and also occur in, the upper part of a lower mafic metavolcanic, pillowed and non-pillowed lava flow sequence that was intruded by metagabbro. In general, rock units trend northeast, have a sub-vertical dip and face southeast in a homoclinal sequence that is disrupted by faults. The width of the total metavolcanic sequence is at least 9 km, but the original thickness is unknown because of extensive flattening in the rock units. The felsic metavolcanic sequence, as previously mapped, actually comprises two distinct lithologies: felsic volcanoclastic units, and subvolcanic, quartz- ± plagioclase-phyrlic, felsic intrusions. The felsic volcanoclastic rocks form two, geographically distinct sequences: the Clearwater Lake sequence in the north and the Pinewood Lake sequence in the south. Each of these sequences is at least 2 km wide.

In 2006, Dr. Lorne Ayres completed regional (1:20 000) mapping in the Off Lake area for Rainy River Resources (Ayres, 2007). Figure 3 shows the location of Agassiz Au showing relative to the Off Lake Felsic Dike Complex in Fleming Township. The following is taken directly from Ayres, 2007...

“The Clearwater Lake and Pinewood Lake volcanoclastic sequences are lithologically similar, and they are dominantly polymictic, clast-supported, felsic volcanic, pebble to cobble, and locally boulder conglomerate. The felsic intrusions are mostly concentrated near Off Lake where the Off Lake Felsic Dike Complex is at least 9 km long and 4.5 km wide. Hundreds to thousands of dikes that are generally <5 m wide form about 85% of the complex; the other component of the complex is mafic metavolcanic lava flow and metagabbro blocks, megablocks and septa that appear to be in their original stratigraphic position. The dike complex was emplaced in the upper part of the lower mafic metavolcanic sequence; it is separated from the Clearwater Lake felsic volcanoclastic sequence on the east by about 800 m of mafic units and from the Pinewood Lake felsic volcanoclastic sequence on the south by a major fault” (Ayres, 2007).



LEGEND

- Richardson TWP Project
- Off Lake Project
- P = Patent, all others are Claims*

GEOLOGY LEGEND: Dr. Lorne Ayres, 2008

- LATE TECTONIC GRANITOID PLUTONS
- SYNTECTONIC GRANITOID PLUTONS
- SYNVOLCANIC, METAMORPHOSED, QUARTZ-PLAGIOCLASE-PHYRIC, FELSIC INTRUSIONS
- MARC TO INTERMEDIATE METAVOLCANIC SEQUENCE
- METASEDIMENTARY UNITS: POLYMYCTIC, FELSIC VOLCANIC, CLAST-SUPPORTED, PEBBLE METACONGLOMERATE
- SYNVOLCANIC METAGABBRO

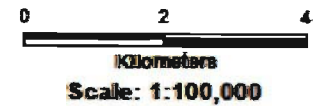


Figure 3.

Ringier **Ringier Resources Ltd.**

OFF LAKE PROJECT, ONTARIO

FELSIC DIKE COMPLEX
(Ayres, 2008)

Datum: NAD 83, Zone 15

6.0 PROPERTY GEOLOGY

Dr. Lorne Ayres has completed three separate phases of outcrop mapping in the Off Lake area during the 2006 - 2008 field seasons. Reconnaissance mapping in 2006 (scale 1:20 000) focused on metavolcanic and sub-volcanic, felsic intrusive rocks between Highways 71 and 615 in the southwest and Clearwater Lake in the northeast (Ayres, 2007). The work also included the relogging of two 1995 Nuinsco diamond holes drilled northeast of Off Lake. In 2007, Ayres mapped newly-discovered mineral showings and analyzed/relogged Rainy River Resources diamond drilling in the area (Ayres, 2008). In September and October of 2008, Dr. Ayres relogged five RRR diamond holes drilled along the northeast shoreline of Off Lake and completed detailed mapping (1:500 scale) of the newly discovered and mechanically stripped Burnell and BB showings (Ayres, 2009).

The following is taken directly from Ayres, 2009...

“The Off Lake area is the locus of two subvolcanic magma chambers, both of which have subsequently been deformed and metamorphosed. The earlier of these is a relatively widespread suite of equigranular metagabbro sills and dikes. The gabbro was later intruded by various quartz- and plagioclase-phyric felsic dikes and sills including the Off Lake Felsic Dike Complex. The OLFC consists of hundreds to thousands of dikes, many of which are >5m wide. Contact relations among felsic dikes indicate that the Off Lake Felsic Dike Complex is a composite intrusion formed by the emplacement of small magma batches over a long period of time. The OLFC was the source of hydrothermal fluids that deposited gold-silver-zinc-copper deposits in the caldera in Richardson Township”.

“The Burnell Showing is the possible source of angular, gold-bearing float approximately 600m southwest of, and down ice from, the showing. The showing is a mafic metavolcanic unit that is 160m east of and stratigraphically above, the extrapolated location of the composite sill that is the uppermost part of the Off Lake Felsic Dike Complex. The host rock is dominantly a magnetic and relatively massive mafic unit. A major structural control on the location of mineralization appears to be an early fault trending between 000deg and 015deg and located in the short valley immediately west of the showing”.

7.0 DRILL PROGRAM SUMMARY

Figure 4 shows a compilation of the historical diamond drilling on Rainy River Resources' mining claims along the northeast shoreline of Off Lake. Figure 5 shows the location of drill collars for current diamond drilling which commenced on February 4th and ended on February 23rd, 2010. Bradley Brothers Drilling Inc. of Rouyn-Noranda, Quebec was contracted to perform the diamond drilling using their Boyles BBS-35 diamond drill rig. The drill program consisted of four NQ-diameter holes which were all collared on the ice surface of Off Lake. The holes were numbered OL10-01 to OL10_04 totaling 1,084.00 metres of coring.

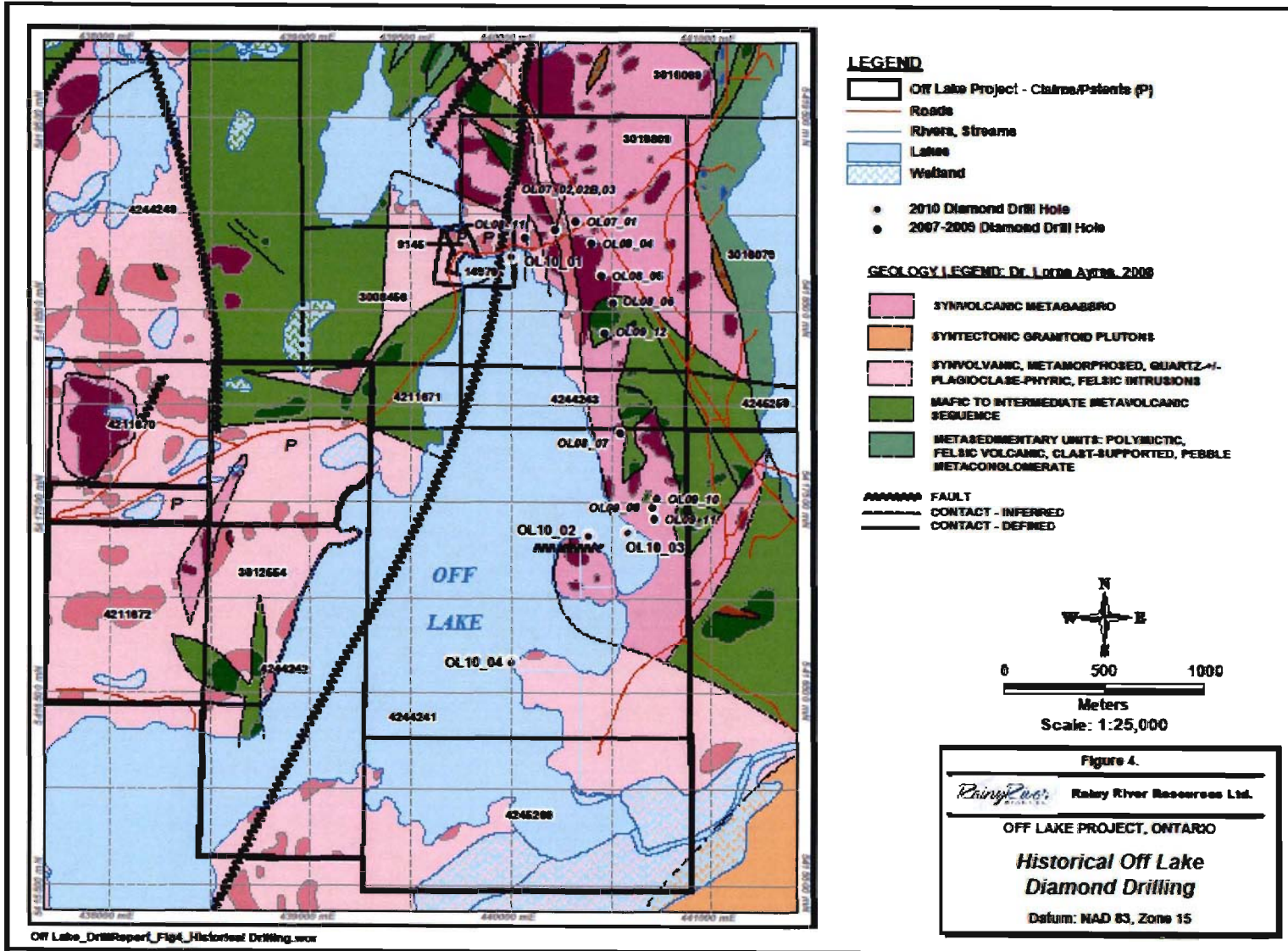
Particulars for all diamond drill holes completed in February, 2010 are outlined in Table 3. Diamond drill hole OL10_01 was drilled at an AZI= 080deg to target the mineralization intersected in OL08_04 drilled in 2008. Drill holes OL10-02 and OL10_03 were drilled as a fence north of the high grade boulder train on the south shore of the northern peninsula. This fence of holes, corresponds with the western extension of the Burnell Showing grid line 1+00S. Drill hole OL10_01 specifically targeted the Agassiz showing which has returned anomalous gold values over narrow widths. Diamond drill logs are in Appendix A, 1:1 100 drill sections are in Appendix B and assay certificates for Au and multi-element ICP-MS are compiled in Appendix C.

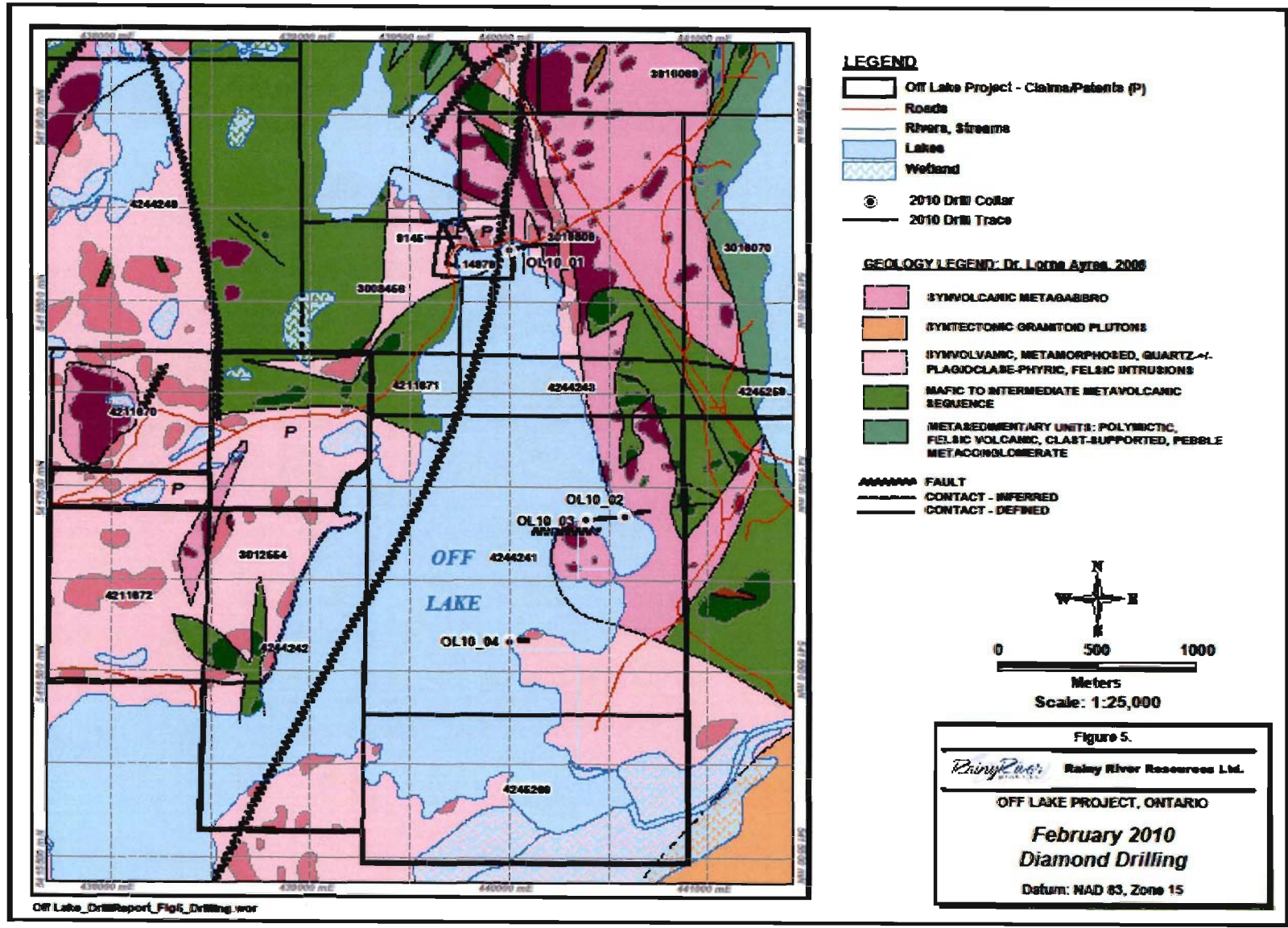
TABLE 3. Off Lake Property – February, 2010 Diamond Drill Hole Details

Drill Hole	Mining Claim	UTM Easting*	UTM Northing	AZI (deg.)**	Dip (deg.)	Length (m)
OL10_01	3019809	440000	5418780	080	-55deg	434.00
OL10_02	4244241	440385	5417325	080	-50deg	292.00
OL10_03	4244241	440580	5417350	080	-50deg	197.00
OL10_04	4244241	440000	5416670	080	-55deg	161.00
Total						1,084.00

*NAD83, Zone 15

**Magnetic declination in the Off Lake area is 0°35' E.





Off Lake_DrillReport_Fig5_Drilling.wor

A total of 717 samples (S/N531001-S/N531717) were collected for gold fire assay with an atomic absorption spectrophotometric (AAS) finish plus a 35 element ICP-MS scan (Table 4). Sample lengths were typically less than 1.50 metres. Drill core was logged by the author; sample intervals were sawed in half and samples were bagged at the Rainy River Resources core storage facility in Richardson Township.

TABLE 4. Off Lake Property – February, 2010 DDH Data Sheet

DDH	Drill Start Date	Drill Finish Date	Certificate No.	Sample String	Date Shipped	Results Received
OL10_01	17Feb2010	23Feb2010	TB10027380	531384-531493	8Mar2010	27Mar2010
			TB10027381	531494-531603	8Mar2010	25Mar2010
			TB10027382	531604-531717	8Mar2010	28Mar2010
OL10_02	14Feb2010	16Feb2010	TB10020485	531313-531383	22Feb2010	3Mar2010
OL10_03	8Feb2010	13Feb2010	TB10020483	531096-531312	22Feb2010	3Mar2010
OL10_04	4Feb2010	8Feb2010	TB10018027	531001-531095	18Feb2010	26Feb2010

Upon completion of logging and sampling of each drill hole, samples were transported to Gardewine Transport in Fort Frances and shipped to ALS Chemex Laboratory in Thunder Bay, Ontario. Assay procedures for ALS Chemex Laboratories of Thunder Bay, Ontario are outlined in Appendix E. All drill holes were subjected to down-hole surveys using an electronic REFLEX EZ-Shot borehole survey tool. Readings for dip and azimuth were recorded approximately every 50 metres down hole. Some azimuth readings were suspect, given the strong magnetic nature of the mafic volcanic rocks in the area. Suspect azimuth readings are bolded in the drill log cover pages. Drill casings were removed and all drill holes cemented.

In 2005, Rainy River Resources set up an *Analytical Quality Assurance Program (QAP)* to control and assure the analytical quality of assays in its gold exploration. This is over and above the QA/QC undertaken by the laboratory. The company's program includes the systematic addition, to every 40th sample, of blank samples and certified reference standards *SI42 (1.761g/tAu)* and *SK43 (4.086g/t Au)* to each batch sample sent for analysis at commercial laboratories.

Blank samples are used to check for possible contamination in laboratories while reference standards determine analytical accuracy and precision. Table 5 summarizes the QAP results for this phase of drilling. The limited statistical population shows valid BLANK and SI42 reference standard results. Two of the SK43 reference standard samples (S/N531280 and S/N531600) are obviously erroneous and probably due to a sample mix-up either at the Richardson township core storage facility or with the laboratory itself; these two samples were excluded from the statistics.

TABLE 5. Rainy River Resources Analytical Quality Assurance Program

Sample Number	RRR Reference STD	Au-AA23 Au (ppm)	ME-ICP41 Ag (ppm)	ME-ICP41 Cu (ppm)	ME-ICP41 Pb (ppm)	ME-ICP41 Zn (ppm)
531080	BLANK	0.006	<0.2	29	3	32
531160	BLANK	0.007	<0.2	32	3	32
531240	BLANK	0.008	<0.2	51	4	33
531320	BLANK	0.009	<0.2	76	4	36
531400	BLANK	0.010	<0.2	53	3	37
531480	BLANK	0.011	<0.2	78	3	40
531560	BLANK	0.011	<0.2	55	5	35
531640	BLANK	0.009	<0.2	60	6	38
	Average =	0.009	<0.2	54.3	3.9	35.4
531040		1.325	0.2	22	57	43
531200	REF STD	1.765	0.2	21	53	44
531360	SI 42 =	1.785	0.2	24	55	47
531520	1.716g/t Au	1.865	0.2	26	59	47
531680		1.795	0.2	23	55	46
	Average =	1.707	0.2	23.2	55.8	45.4
531120	REF STD	4.07	0.2	23	62	50
531280	SK 43 =	2.49	0.4	27	58	47
531440	4.060g/t Au	4.12	0.3	22	57	45
531600		0.014	<0.2	61	4	39
	Average =	4.095	0.25	22.5	59.5	47.5

8.0 OFF LAKE DRILL LOG SUMMARY

Drill holes *OL10_01* was spotted on the ice surface of Off Lake to test the anomalous VMS-style mineralization intersected in 2008 in *OL08_04* (see Figure 4). Drilling commenced on the 17th of February, 2010 and completed on the 23rd of February, 2010. The main lithologies intersected were early and late felsic dikes, quartz veining, Off Lake Felsic Dike Complex lithologies and mafic to intermediate volcanics. Strong magnetic susceptibility readings were reflective of mafic volcanic lithologies. Mineralization consisted essentially of very fine grained ubiquitous disseminated pyrite with rare specks of chalcopyrite. Anomalous, but sub-grade, copper values were noted throughout the drill trace of *OL10_01*. Gold values were typically very low, typically at ppb levels.

Drill holes *OL10-02 and OL10_03* were spotted on the ice surface of Off Lake to test for the source of high grade boulders on the southern shoreline of the northern peninsula (see Figure 5). The main lithologies intersected consisted of felsic dikes, quartz veining and OLFC rocks; the hole intersected a mafic meta-conglomerate unit. Magnetic susceptibility readings were variable with high readings associated with mafic lithologies and lower readings with OLFC lithologies. Gold and copper values were typically low in *OL10_02* while *OL10_03* returned ppb-level gold and anomalous, but sub-grade, copper values to the end of the drill trace.

Drill hole *OL10_04*, which targeted the Agassiz showing on the southern peninsula of Off Lake, intersected only Off Lake Felsic Dike Complex lithologies; magnetic susceptibility readings were low. Assays returned very low gold and copper values.

10.0 CONCLUSIONS & RECOMMENDATIONS

Historical diamond drilling in the Off Lake area has confirmed the presence of erratic zinc, copper and silver mineralization in, and adjacent, to the composite felsic sill of the Off Lake Felsic Dike Complex. Zinc, copper, gold and silver mineralization along the east boundary of the composite sill, which includes the Stares main showing and the recently discovered Burnell and BB showings have a strike length of at least 500m (Ayres, 2009).

The current diamond drill program tested previous significant VMS-style mineralisation in OL08_04, the up-ice source of high-grade boulders and the Agassiz showing on the southern peninsula. The drilling returned extensive sub-grade copper values along with very low gold values. Due to technical difficulties, the down-dip extension of VMS-style mineralisation intersected previously in OL08_04 was not reached with OL10_01; the hole should have been drilled at a shallower angle and the collar closer to the east shoreline of Off Lake. OL10_01 did however test the southern extension of the fuchsite zone exposed in outcrop at the north end of Off Lake. The fuchsite zone, however, returned anomalous copper along with very low gold values.

Based on assays from the drill fence of holes OL10_02 and OL10_03, it is conclusive that the targeted bay along the east shoreline of the lake is not the source of the high grade boulders to the south. It is likely, therefore, that the Burnell showing is the source of the high grade boulder train.

Drill hole OL10_04, which targeted the Agassiz showing on the southern peninsula, downgraded the potential of this location.

- Historically, limited prospecting campaigns by Rainy River Resources in the Off Lake area has consistently resulted in new discoveries and generated drill targets along the eastern shoreline of Off Lake. Additional prospecting, sampling and mechanical stripping of outcrop exposures 'up ice' from the high grade boulder train is warranted. Special focus is warranted along the ridges of the northeast-trending fault zone and the south shoreline of Off Lake proximal to the Off Lake Fault trace.
- Future exploration on the Off Lake property should focus, therefore, on the 'top' of the Off Lake Felsic Dike Complex and in the area where high-grade gold/base metal values were returned from the chert exhalite horizon in Menary Township.
- The Off Lake property was made contiguous with the main Richardson Project claim block effective March 25th, 2009. Therefore, for the foreseeable future, significant assessment drilling credits may be distributed onto the Off Lake property from the main project area.

10.0 STATEMENT OF QUALIFICATIONS

I, Clement J. Baker of 4452 Bittersweet Place, Gloucester, Ontario hereby certify that:

- 1.) I am the author of this report.
- 2.) I graduated from Queen's University, in Kingston, Ontario, with a Master's Degree in Mineral Exploration (MINEX - 1993).
- 3.) I possess a valid prospector's license and have been practising my profession as a geologist involved in mineral exploration since 1989.
- 4.) I am a member in good standing with the Prospector's and Developer's Association of Canada (PDAC) and of the Ontario Prospector's Association (OPA)
- 5.) I do not hold or expect to receive any interest in the property described in this report.
- 6.) I consent to the use of this report by Rainy River Resources Limited.



Clement J. Baker, MSc
Regional Exploration Manager
Rainy River Resources Ltd

30 April, 2010
Gloucester, Ontario

11.0 REFERENCES

- Ayres, L.D. and Tims, A., 2007.** *Geology and Economic Potential of Felsic Metavolcanic and Subvolcanic Intrusive Rocks, Off Lake – Pinewood Lake Area, Northwestern Ontario; Off Lake Project, Rainy River Resources Ltd.*: unpublished report prepared for Rainy River Resources Ltd., 113 pages.
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- Ayres, L.D., 2009.** *Geological Mapping Near Highways 71 and 600 in 2008, Refinement of the Eastern Boundary of the Richardson Township Caldera and Analysis of 2008 Exploration Activity in the Off Lake Area, Northwestern Ontario.* Unpublished report prepared for Rainy River Resources Ltd., 99 pages.
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- Blackburn, C.E., 1976.** *Geology of the Off Lake - Burditt Lake area, District of Rainy River: Ontario Division of Mines, Geological Report 140,* 62 pages.
- Michaud, M. and Averill, S., 2008.** *Reverse Circulation Overburden Drilling and Heavy Mineral Geochemical Sampling for Gold in the Off Lake Felsic Dyke Complex, Overburden Drilling Management Limited,* Internal Report for Rainy River Resources Ltd., 55 pages.

APPENDIX A:

Off Lake Diamond Drill Logs

Rainy River Resources Limited

Diamond Drill Log

OL10_01

Drill Hole No:			
Collar Easting:	440000	Claim No:	3019809
Collar Northing:	5418780	Township:	Fleming
Dip:	-55	Contractor:	Bradley Bros Drilling
Azimuth:	80	Casing:	22.00m
Started:	17 February, 2010	Core Size:	NQ
Completed:		Logged By:	Cj Baker
Depth:		Date:	
		Elevation:	352.00m a.s.l.

Purpose:			
To test anomalous intersected from DDH OL08_04; optimum drill direction given recorded westward dip			
Note: Drill set up on Off Lake in front of Chuck Brough's house. Elevation of OL10_01 collar is approximately 350.00m a.s.l. while elevation of OL08_08 drill collar is approximately 30.00m higher.			

Tests	DHD (m)	Dip (deg.)	Azi (deg.)
Reflex EZ Shot	29.00	-56.2	75.6
Reflex EZ Shot	60.00	-55.9	76.4
Reflex EZ Shot	101.00	-55.9	78.3
Reflex EZ Shot	152.00	-55.8	80.0
Reflex EZ Shot	200.00	-55.3	81.1
Reflex EZ Shot	251.00	-55.5	84.4
Reflex EZ Shot	302.00	-55.8	86.2
Reflex EZ Shot	350.00	-56.4	95.2
Reflex EZ Shot	401.00	-56.8	111.9
Reflex EZ Shot	434.00	-56.0	92.1

Rainy River Resources: Off Lake Project						OL10-01				
From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
0.00	22.00		Off Lake	Casing						
22.00	26.95	1a	Mixed lithology of Qtz-phyric felsic ?mafic metavolcanic	Medium green unit, m.g., weak foliation typically at 30deg TCA, brittle fractures typically at high angle TCA, minor wispy cb-filled veinlets with strong Rx to cold HCl, weakly magnetic unit, 1-3% f.g. Py throughout as aggregates, strong sil., chl. locally, lower contact with felsic dyke is sharp, pyrgmatic folding noted.	531384 531385 531386 531387 531388	22.00 22.34 23.50 25.00 26.00	22.34 23.50 25.00 26.00 26.95	0.34 1.16 1.50 1.00 0.95	0.006 0.005 <0.005 0.009 0.016	895 537 358 897 2660
				22.00m-22.34m, pale grey, ?felsic dyke, trace level v.f.g. Py.						
26.95	31.64	6a	Qtz+?Plag-phyric Felsic Dike	Light grey/green units intercalated with sharp contacts marked by colour contrast, deformation, Py concentrations, fuchsite, cb-filled fractures mainly in fuchsitic intervals, moderate foliation developed typically at 45deg TCA, 3-5% f.g. Py as laminations sub-parallel to foliation, cPy in qtz/cb veinlet at 30.89m DHD at 90deg TCA, lower contact is an alteration contact.	531388 531389 531390 531391 531392 531393	26.00 26.95 28.00 29.00 30.00 31.00	26.95 28.00 29.00 30.00 31.00 31.64	0.95 1.05 1.00 1.00 1.00 0.64	0.016 0.023 0.021 0.056 0.029 0.036	2660 3520 2600 6370 5650 3100
31.64	53.77	6a	Qtz+?Plag-phyric Felsic Dike	Medium grey, mass, rare foliated sections locally, brittle fractures, v. siliceous sections with qtz-filled vugs, Py, BLE appearance, pitted surface, blue qtz phenos ubiquitous typically 1-3mm diameter, v. f.g. Py at trace to 1% levels throughout interval, some sections display poor RQD.	531394 531395 531396 531397 531398 531399 531401 531402 531403 531404 531405 531406 531407 531408 531409	31.64 33.00 34.50 36.00 37.50 39.00 40.50 42.00 43.50 45.00 46.50 48.00 49.50 51.00 52.50	33.00 34.50 36.00 37.50 39.00 40.50 42.00 43.50 45.00 46.50 48.00 49.50 51.00 52.50 53.77	1.36 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.27	<0.005 0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 0.010	164 1090 167 480 738 635 378 151 334 1125 1075 922 506 528 1715
53.77	68.90	6a	Qtz+?Plag-phyric Felsic Dike	As in 26.95m-31.64m, BLE appearance, lesser cb-filled veinlets compared to previous interval, pale blue qtz eyes throughout typically 1-3mm diameter, brittle fracturing, some qtz-filled vugs locally with associated cb alteration.	531410 531411 531412 531413 531414 531415 531416 531417 531418 531419	53.77 55.50 57.00 58.50 60.00 61.50 63.00 64.50 66.00 67.50	55.50 57.00 58.50 60.00 61.50 63.00 64.50 66.00 67.50 68.90	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.40	0.007 0.01 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	1375 2530 1215 1045 748 776 1190 941 1490 1470
68.90	69.40	FZ	Fault Zone	Pale grey/green, strong deformation, fault gouge, chlorite-rich, strong brecciation and cb alteration, strong Rx to cold HCl, upper and lower contacts with felsic dyke are sharp and at high angles TCA.	531420 531421	68.90 69.40	69.40 69.88	0.50 0.48	<0.005 0.008	303 1095
69.40	69.88	6a	Qtz+?Plag-phyric Felsic Dike	As in 31.64m-68.90m, pitted surface, rare v.f.g. Py as disseminations, bleaching marks lower contact with ?mafic volcanic.	531421	69.40	69.88	0.48	0.008	1095
69.88	70.48	1a	Mixed lithology of Qtz-phyric felsic ?mafic metavolcanic	Moderate green, m.g., homogeneous, non-magnetic, plag phenos replaced by cb, minor cb-filled fractures locally at high angles TCA, lower contact is marked with hematisation of felsic dyke, possible brecciation.	531422	69.88	70.48	0.60	0.005	171
70.48	82.64	6a	Qtz+?Plag-phyric Felsic Dike	As in 53.77m-68.90m, pale grey, vugs, blue qtz eyes throughout, qtz-filled vugs locally, very siliceous with pale blue colouration, microfractured, trace to 1% f.g.	531423 531424	70.48 71.00	71.00 72.00	0.52 1.00	0.015 0.005	1930 910

Rainy River Resources: Off Lake Project										OL10-01
From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assnys			Au ppm	Cu ppm
						From	To	Interval		
				Py as disseminations throughout interval, concentrations of cPy locally associated with ?low angle fractures, fuchsite, narrow 2-4cm wide white qtz veins with v. sharp contacts at 81.51m and 81.85m DHD.	531425	72.00	73.00	1.00	0.011	1895
					531426	73.00	74.00	1.00	<0.005	530
					531427	74.00	75.50	1.50	<0.005	748
					531428	75.50	77.00	1.50	<0.005	931
					531429	77.00	78.50	1.50	<0.005	985
					531430	78.50	79.50	1.00	0.008	2810
					531431	79.50	80.50	1.00	0.012	4929
					531432	80.50	82.00	1.50	<0.005	1430
					531433	82.00	82.64	0.64	0.005	1230
82.64	83.40	1a	Mafic to Intermediate Volcanic	As in 69.88m-70.48m, non-magnetic, m.g., massive, homogeneous, sharp upper and lower contacts at high angles TCA.	531434	82.64	83.40	0.76	<0.005	95
83.40	94.60	6a	Qtz+?Plag-phyric Felsic Dike	As in 31.64m-53.77m, medium grey, BLE sections locally possible deformed ?clasts, laminations locally with possible zones of brecciation, v. siliceous, brittle fracture, cb-filled fractures increasing toward lower contact, trace level v.f.g. Py throughout.	531435	83.40	84.50	1.10	0.005	1385
					531436	84.50	86.00	1.50	0.005	1755
					531437	86.00	87.50	1.50	0.006	1285
					531438	87.50	89.00	1.50	<0.005	839
					531439	89.00	90.50	1.50	<0.005	230
					531441	90.50	92.00	1.50	<0.005	16
					531442	92.00	93.50	1.50	<0.005	285
					531443	93.50	94.60	1.10	<0.005	877
94.60	95.69	FZ	Fault Zone	As in 68.90m-69.40m, intense brecciation, qtz-rich, trace-1% v.f.g. Py as aggregates, carbonate with strong Rx to cold HCl, fuchsite, lower contact is arbitrary.	531444	94.60	95.69	1.09	<0.005	219
95.69	99.74	6a	Qtz+?Plag-phyric Felsic Dike	As in 83.40m-94.60m, light grey, microfractured, obvious pale blue qtz eyes typically 1-3mm diameter throughout interval, concentrations of v.f.g. Py at 1-3% levels as dissemination, siliceous, possible fuchsite associated with qtz veinlet margins, 1m-interval pale green (?chlorite) at upper contact with fault zone, pitted surface near lower contact.	531445	95.69	97.00	1.31	0.011	2280
					531446	97.00	98.50	1.50	0.019	2340
					531447	98.50	99.74	1.24	0.009	1455
99.74	108.00	5a	Mafic unit of ?Synvolcanic Metagabbro	Medium green/grey, v.c.g., massive, obvious rounded/rectangular plag phenos to 4mm throughout, ?hbl laths throughout, chloritic, trace level m.g. Py as disseminations, minor cb-filled 1mm seams locally, white qtz veins with pink carbonate alteration typically 10-15cms wide, unmineralized and at 55deg TCA, interval in sharp contact with next unit.	531448	99.74	101.00	1.26	0.025	1300
					531449	101.00	102.50	1.50	0.012	625
					531450	102.50	104.00	1.50	0.012	550
					531451	104.00	105.50	1.50	<0.005	1035
					531452	105.50	107.00	1.50	<0.005	979
					531453	107.00	108.00	1.00	0.015	2140
108.00	108.38	6a	Qtz+?Plag-phyric Felsic Dike	As in 95.69m-99.74m, f.g., massive, brecciation, cb-filled fractures, pitted surface, ?sericite, chlorite-filled fractures, sharp upper/lower contacts.	531454	108.00	108.38	0.38	0.006	1515
108.38	110.81	6a	Qtz+?Plag-phyric Felsic Dike	As in 99.74m-108.00m, v.c.g., dark green, pink qtz injections locally with distinctive pink carbonate, contacts based on grain size and colour.	531454	108.00	108.38	0.38	0.006	1515
					531455	108.38	109.37	0.99	<0.005	207
				109.37m-109.61; bull white qtz vein, sharp upper contact, irregular lower contact, pink carbonate on margins, typically unmineralized.	531456	109.37	109.95	0.58	0.005	1410
				109.95m-110.81m, intercalated qtz vein, felsic dyke, pink carbonate ubiquitous, chloritic margins, unmineralized.	531457	109.95	110.81	0.86	0.006	991
110.81	128.45	6a	Qtz+?Plag-phyric Felsic Dike	As in 108.00m-108.38m, variable BLE, sericite and pitted surfaces, plag phenos & fracture surfaces are bleached white in some sections, f.g. Py as disseminations throughout, lower contact is diffuse.						
				110.81m-115.49m; light to medium grey, massive, trace level f.g. Py fractures at high angles TCA, 1-3mm diameter plag phenos replaced by carbonate, diffuse lower contact based on size of plag phenos & BLE appearance.	531458	110.81	112.00	1.19	0.005	1350
					531459	112.00	113.50	1.50	<0.005	1185
					531460	113.50	115.00	1.50	0.005	1455

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From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au	Cu
						From	To	Interval	ppm	ppm
					531461	115.00	116.50	1.50	<0.005	583
				115.49m-123.24.00m: very light grey, pitted surfaces, corroded plag phenos to 3mm diameter, increase sericite alteration, Py-filled vugs on some fractures, sharp lower contact, microfracturing.	531462	116.50	118.00	1.50	<0.005	58
					531463	118.00	119.50	1.50	<0.005	264
					531464	119.50	121.00	1.50	<0.005	132
					531465	121.00	122.00	1.00	<0.005	30
				123.24m-124.41m: medium grey, massive with minor bx associated with ?faults filled with carbonate, f.g. Py to 3% levels throughout interval, lower contact is very sharp and at 45deg TCA.	531466	122.00	123.24	1.24	<0.005	27
					531467	123.24	124.41	1.17	0.009	2600
				124.41m-128.45m: v. strong BLE and in 115.49m-123.24m, sericite, plag phenos ubiquitous, corroded, siliceous, lower contact based on change in grain size and colour.	531468	124.41	125.50	1.09	<0.005	19
					531469	125.50	127.00	1.50	<0.005	10
					531470	127.00	128.45	1.45	<0.005	129
128.45	134.00	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 99.74m-108.00m, v.c.g., medium to dark green, massive, homogeneous, ?Hbl laths ubiquitous to 2mm wide, minor 3% concentrations of f.g. Py typically associated with fractures locally, chloritic, cb-filled fractures with strong Rx to cold HCl, sharp lower contact ?hairline fault, very weak magnetism.	531471	128.45	129.50	1.05	0.008	2600
					531472	129.50	131.00	1.50	0.007	1790
					531473	131.00	132.50	1.50	<0.005	766
					531474	132.50	134.00	1.50	0.005	1185
134.00	136.89	6a	Qtz+?Plag-phyric Felsic Dike	As in 110.81m-128.45m, massive, non magnetic, siliceous, microfracturing locally, trace level f.g. Py typically associated with fractures, lower contact based on change of colour and grain size.	531474	132.50	134.00	1.50	0.005	1185
					531475	134.00	135.00	1.00	<0.005	199
					531476	135.00	136.00	1.00	<0.005	487
					531477	136.00	136.89	0.89	<0.005	789
136.89	138.88	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 128.45m-134.10m, v.c.g., massive, f.g. Py concentrations to 3% levels, carbonate filled fractures at all angles TCA, strong Rx with cold HCl, lower contact based on change of colour and grain size.	531478	136.89	138.00	1.11	<0.005	988
					531479	138.00	138.88	0.88	0.01	2090
138.88	162.36	6a	Qtz+?Plag-phyric Felsic Dike	As in 134.10m-136.86m, light to medium grey, massive, corroded plag phenos give pitted surface, trace level v.f.g. Py throughout as disseminations, trace cPy locally between 159.00-161.00m DHD, brecciation, v. strong carbonate alteration, inc. fracturing toward lower contact with mafic, lower contact is very sharp and at 85deg TCA.	531481	138.88	140.00	1.12	<0.005	512
					531482	140.00	141.50	1.50	<0.005	371
					531483	141.50	143.00	1.50	<0.005	528
					531484	143.00	144.50	1.50	0.011	327
					531485	144.50	146.00	1.50	<0.005	351
					531486	146.00	147.50	1.50	<0.005	408
					531487	147.50	149.00	1.50	<0.005	761
					531488	149.00	150.50	1.50	0.006	583
					531489	150.50	152.00	1.50	<0.005	439
					531490	152.00	153.50	1.50	0.005	1125
					531491	153.50	155.00	1.50	<0.005	977
					531492	155.00	156.50	1.50	<0.005	542
					531493	156.50	158.00	1.50	<0.005	675
					531494	158.00	159.50	1.50	<0.005	585
					531495	159.50	160.50	1.00	0.009	2370
					531496	160.50	161.50	1.00	0.006	1735
					531497	161.50	162.36	0.86	<0.005	816
162.36	163.16	5a	Mafic unit of ?Synvolcanic Metagabbro	Medium green, m.g., weak foliation noted, cb-filled fractures throughout interval, very sharp upper and lower contacts with felsic dyke, trace level f.g. Py as disseminations.	531498	162.36	163.16	0.80	0.012	1333
163.16	165.10	6a	Qtz+?Plag-phyric Felsic Dike	As in 138.88m-162.36m, pitted surface, BLE appearance, vugs locally, f.g. Py typically associated with fracture planes.	531499	163.16	164.00	0.84	<0.005	300
					531500	164.00	165.10	1.10	<0.005	320
165.10	175.20	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 162.36m-163.16m, massive, homogeneous, very weakly magnetic, m.g. Py concentrations to 3% locally associated with fracture planes, upper and lower contacts are sharp and at high angles TCA.	531501	165.10	166.50	1.40	0.012	2150
					531502	166.50	168.00	1.50	0.033	2150
					531503	168.00	169.50	1.50	0.014	1500
					531504	169.50	171.00	1.50	0.012	597
					531505	171.00	172.50	1.50	0.029	1400
					531506	172.50	174.00	1.50	0.011	366

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From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au	Cu
						From	To	Interval	ppm	ppm
					531507	174.00	175.20	1.20	0.019	656
175.20	175.93	6a	Qtz+?Plag-phyric Felsic Dike	Medium grey, massive, homogeneous, corroded plag phenos throughout, trace to 1% f.g. Py as disseminations, sharp upper/lower contacts.	531508	175.20	175.93	0.73	0.005	190
175.93	176.62	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 165.10m-175.20m, c.g., mass. homogeneous, sharp upper/lower contacts, trace level f.g. Py as disseminations, strong Rx to cold HCl.	531509	175.93	176.62	0.69	0.016	414
176.62	181.73	6a	Qtz+?Plag-phyric Felsic Dike	As in 175.20m-175.93m, pitted surface, minor BLE, narrow ?shearing at 177.70m DHD, carbonate replacement of plag phenos.	531510	176.62	178.00	1.38	0.116	5360
					531511	178.00	179.50	1.50	0.022	791
					531512	179.50	181.00	1.50	0.026	882
					531513	181.00	181.73	0.73	0.006	253
181.73	182.42	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 175.93m-176.62m, mixture of ?metagabbro and felsic dyke material, weak foliation at 45deg TCA locally, chlorite, mineralisation consists of v.f.g. Py as disseminations, strong Rx to cold HCl.	531514	181.73	182.42	0.69	0.031	1885
182.42	202.55	6a	Qtz+?Plag-phyric Felsic Dike	As in 176.62m-181.73m, massive, homogeneous, minor microfracturing locally, some pitted surfaces locally, rare pink coloured phenos, cb-filled fractures Rx strongly to cold HCl, dark groundmass due to ?hornblende laths, lower contact is based on significant colour change.	531515	182.42	183.50	1.08	0.01	427
					531516	183.50	185.00	1.50	0.018	986
					531517	185.00	186.50	1.50	0.01	1545
					531518	186.50	188.00	1.50	0.012	2390
					531519	188.00	189.50	1.50	0.015	2720
					531521	189.50	191.00	1.50	0.005	646
					531522	191.00	192.50	1.50	0.019	2330
					531523	192.50	194.00	1.50	<0.005	787
					531524	194.00	195.50	1.50	<0.005	54
					531525	195.50	197.00	1.50	0.049	15
					531526	197.00	198.50	1.50	<0.005	5
					531527	198.50	199.50	1.00	<0.005	5
					531528	199.50	200.11	0.61	<0.005	7
					531529	200.11	201.50	1.39	<0.005	6
					531530	201.50	202.55	1.05	<0.005	45
202.55	226.45	6a	Qtz+?Plag-phyric Felsic Dike	As in 176.62m-181.73m, pale grey, massive, homogeneous, light coloured groundmass, siliceous throughout, 1-2% f.g. Py agg disseminations, trace cPy, 1cm wide Py-rich seams (225.62m, 226.25m) at 45-50deg TCA, sharp contacts, pale blue Qtz as fracture fillings locally, 1% blue Qtz eyes typically 1-3mm diameter, fracture planes at right angles TCA.	531531	202.55	204.00	1.45	0.015	3810
					531532	204.00	205.50	1.50	0.015	5600
					531533	205.50	207.00	1.50	0.011	4920
					531534	207.00	208.50	1.50	0.013	5940
					531535	208.50	210.00	1.50	0.008	3960
					531536	210.00	210.85	0.85	0.012	4680
					531537	210.85	211.95	1.10	0.007	2920
					531538	211.95	212.90	0.95	<0.005	625
					531539	212.90	214.00	1.10	0.005	2340
					531540	214.00	215.50	1.50	<0.005	1985
					531541	215.50	217.00	1.50	0.008	2730
					531542	217.00	218.50	1.50	0.015	4880
					531543	218.50	220.00	1.50	<0.005	1605
					531544	220.00	221.50	1.50	<0.005	795
					531545	221.50	223.00	1.50	<0.005	1515
					531546	223.00	224.50	1.50	0.008	2010
					531547	224.50	225.50	1.00	<0.005	1625
					531548	225.50	226.45	0.95	<0.005	1835
226.45	226.70	1a	?Mafic metavolcanic	Dark green, massive, homogeneous, non-magnetic, 1mm ?hbl laths throughout, minor cb-filled fractures at all angles TCA, minor Qtz phenos noted, trace level f.g. Py, very sharp upper/lower contacts with felsic dyke.	531549	226.45	226.70	0.25	<0.005	293
226.70	234.30	6a	Qtz+?Plag-phyric Felsic Dike	As in 202.55m-226.45m, massive, homogeneous, 2mm diameter Qtz eyes	531550	226.70	228.00	1.30	<0.005	1155

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From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au	Cu
						From	To	Interval	ppm	ppm
				common throughout interval, Py-rich (>10%) 5mm-wide seams locally at high angles TCA, siliceous.	531551	228.00	229.50	1.50	<0.005	533
					531552	229.50	231.00	1.50	<0.005	1205
					531553	231.00	232.50	1.50	<0.005	1255
					531554	232.50	233.50	1.00	<0.005	428
					531555	233.50	234.30	0.80	<0.005	841
234.30	236.30	6a, 1a	Qtz+?Plag-phyric Felsic Dike, ?mafic volcanic	Dark green/grey, massive, ?conglomerate, siliceous, sharp increase in chlorite, ?clasts to 5cm, sharp increase in mineralisation, Py>>cPy which appears to be associated with interstitial material, upper/lower contacts are diffuse and based on colour and mineralisation differences.	531556	234.30	235.50	1.20	0.011	841
					531557	235.50	236.30	0.80	0.034	3160
236.30	239.14	6a	Qtz+?Plag-phyric Felsic Dike	As in 234.30m-236.30m, medium grey, massive, blue qtz eyes ubiquitous, chlorite associated with fractures, siliceous, trace level f.g. Py as disseminations, local concentrations (3%) in 1cm seams locally.	531558	236.30	237.50	1.20	<0.005	302
					531559	237.50	238.50	1.00	0.028	1290
					531561	238.50	239.14	0.64	0.01	1090
239.14	263.59	5a	Mafic unit of ?Synvolcanic Metagabbro	Pale green/grey, massive, homogeneous, c.g., ?hbl laths throughout, siliceous, rare cb-filled fracture planes, minor BLE locally, some felsic dyke sections, white qtz veinlets (<1cm wide) at low angle TCA with associated To, ?fuchsite, semi-massive c.g. Py layer at 240.60m DHD, 10cms wide, typical sulfides are trace level Py>>cPy as disseminations and on fracture surfaces, upper contact is diffuse (based on colour change) while lower contact is sharp and at 90deg TCA.	531562	239.14	240.50	1.36	<0.005	540
					531563	240.50	242.00	1.50	0.018	1310
					531564	242.00	243.50	1.50	0.009	766
					531565	243.50	245.00	1.50	0.005	1085
					531566	245.00	246.50	1.50	<0.005	437
					531567	246.50	248.00	1.50	0.022	1300
					531568	248.00	248.94	0.94	<0.005	232
					531569	248.94	250.00	1.06	0.016	743
					531570	250.00	251.50	1.50	0.01	450
					531571	251.50	253.00	1.50	<0.005	193
					531572	253.00	254.50	1.50	0.008	127
					531573	254.50	256.00	1.50	0.014	208
					531574	256.00	257.50	1.50	0.017	293
					531575	257.50	259.00	1.50	0.026	469
					531576	259.00	260.50	1.50	0.014	240
					531577	260.50	262.00	1.50	0.006	99
					531578	262.00	263.00	1.00	0.025	464
					531579	263.00	263.59	0.59	0.027	526
263.59	267.43	6a	Qtz+?Plag-phyric Felsic Dike	As in 236.30m-239.14m, light grey, massive, homogeneous, 1mm diameter plagiophenos throughout, trace level f.g. Py.	531580	263.59	265.50	1.91	0.006	187
					531581	265.50	267.43	1.93	0.005	242
267.43	275.10	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 239.14m-263.59m, grease on core, moderate deformation throughout, weak foliation at low angle TCA, cb-filled fractures, minor white qtz veinlets locally, chloritic, possible brecciated sections, ?clasts at 270.30m DHD, trace level f.g. Py as aggregates, qtz veinlet sub-parallel TCA between 276.50m-277.00m, To.	531582	267.43	268.50	1.07	0.04	915
					531583	268.50	270.00	1.50	0.025	545
					531584	270.00	271.50	1.50	0.012	270
					531585	271.50	273.00	1.50	0.011	236
					531586	273.00	274.00	1.00	<0.005	189
					531587	274.00	275.10	1.10	0.005	266
275.10	275.59	6a	Qtz+?Plag-phyric Felsic Dike	As in 263.59m-267.43m, light grey, massive, homogeneous, very sharp upper and lower contacts with gabbro, siliceous.	531588	275.10	275.59	0.49	<0.005	108
275.59	278.90	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 267.43m-275.10m, strong microfracturing throughout with carbonate infill, Rx to cold HCl, chlorite alteration, sharp lower contact, trace f.g. Py.	531589	275.59	277.00	1.41	0.011	332
					531590	277.00	278.00	1.00	0.015	269
					531591	278.00	278.90	0.90	0.011	327
278.90	279.91	6a	Qtz+?Plag-phyric Felsic Dike	As in 275.10m-275.59m, massive, homogeneous, minor BLE, sharp contacts.	531592	278.90	279.91	1.01	<0.005	81
279.91	301.67	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 275.59m-278.90m, v. strong microfracturing/bx, carbonate infill, fold noses (cb) noted throughout, foliation developed at low angle TCA, chlorite alteration throughout interval, inc at qtz-filled fractured zones, f.g. Py typically at trace-1% as disseminations, minor cPy noted on fracture planes, v. weakly magnetic, qtz-filled brecciated zones, chl, Py/cPy locally at 284.50m-285.00m and 288.00m-	531593	279.91	281.00	1.09	<0.005	34
					531594	281.00	282.50	1.50	<0.005	102
					531595	282.50	284.00	1.50	0.007	128
					531596	284.00	285.50	1.50	<0.005	355
					531597	285.50	287.00	1.50	<0.005	171

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From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au	Cu
						From	To	Interval	ppm	ppm
				288.50m, 20cm-wide breccia zone with cb at lower contact with felsic dyke, f.g. Py concentrations to 5%, lower contact is sharp.	531598	287.00	288.50	1.50	0.007	263
					531599	288.50	290.00	1.50	0.009	301
					531601	290.00	291.50	1.50	0.029	772
					531602	291.50	293.00	1.50	0.005	318
					531603	293.00	294.50	1.50	0.006	542
					531604	294.50	296.00	1.50	<0.005	362
					531605	296.00	297.50	1.50	<0.005	282
					531606	297.50	299.00	1.50	<0.005	151
					531607	299.00	300.50	1.50	<0.005	132
					531608	300.50	301.67	1.17	0.028	2160
301.67	325.03	6a	Qtz+?Plag-phyric Felsic Dike	As in 278.90m-279.91m, massive, homogeneous, qtz phenos typically 1-3mm diameter, ?corroded plag phenos throughout, dark coloured mineral in g/mass is ?chl clots, mineralisation consists of f.g. Py as disseminated aggregates with local concentrations of Py/cPy on fracture planes, possible sphalerite at 309.78m DHD, white qtz injections in brecciated zones locally, lower contact is sharp at 45deg TCA.	531609	301.67	303.00	1.33	<0.005	226
					531610	303.00	304.50	1.50	<0.005	236
					531611	304.50	306.00	1.50	<0.005	299
					531612	306.00	307.50	1.50	<0.005	354
					531613	307.50	309.00	1.50	<0.005	317
					531614	309.00	310.50	1.50	<0.005	583
					531615	310.50	312.00	1.50	0.009	1220
					531616	312.00	313.00	1.00	<0.005	285
					531617	313.00	314.00	1.00	<0.005	529
					531618	314.00	314.50	0.50	<0.005	123
					531619	314.50	316.00	1.50	<0.005	508
					531620	316.00	317.50	1.50	<0.005	228
					531621	317.50	319.00	1.50	<0.005	376
					531622	319.00	320.50	1.50	<0.005	442
					531623	320.50	322.00	1.50	<0.005	451
					531624	322.00	323.50	1.50	<0.005	315
					531625	323.50	324.00	0.50	<0.005	581
					531626	324.00	325.03	1.03	0.006	1630
325.03	327.78	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 279.91m-301.67m, minor felsic dyke material locally, wispy cb-filled fractures Rx strongly to cold HCl, massive, homogeneous, lower contact with felsic dyke is sharp at 60deg TCA, non magnetic.	531627	325.03	326.50	1.47	0.021	708
					531628	326.50	327.78	1.28	<0.005	278
327.78	328.28	6a	Qtz+?Plag-phyric Felsic Dike	As in 301.67m-325.03m, massive, homogeneous, sharp lower contact.	531629	327.78	328.38	0.60	<0.005	143
328.28	329.00	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 325.03m-327.78m, minor deformation, strong Rx to cold HCl, f.g. Py concentrations to 5% levels throughout interval.	531630	328.38	329.00	0.62	<0.005	94
329.00	329.20	6a	Qtz+?Plag-phyric Felsic Dike	As in 327.78m-328.28m, massive, homogeneous, unmineralised.	531631	329.00	329.20	0.20	<0.005	40
329.20	338.18	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 328.28m-329.00m, intercalation of gabbroic/felsic dyke material, trace level f.g. Py, cPy typically noted on fracture surfaces, ?spinfex, ?quench texture noted at 336.60m DHD.	531632	329.20	330.50	1.30	<0.005	300
					531633	330.50	332.00	1.50	<0.005	340
					531634	332.00	333.50	1.50	0.01	508
					531635	333.50	335.00	1.50	0.01	621
					531636	335.00	336.50	1.00	<0.005	196
					531637	336.50	337.50	1.00	<0.005	277
					531638	337.50	338.18	0.68	<0.005	243
338.18	346.08	6a	Qtz+?Plag-phyric Felsic Dike	As in 329.00m-329.20m, massive, homogeneous, silicious, rare chlorite-filled fractured zones locally, minor carbonate-filled fractures at lower contact with mafic unit, sharp lower contact at 80deg TCA.	531639	338.18	339.50	1.32	<0.005	229
					531641	339.50	341.00	1.50	<0.005	60
					531642	341.00	342.50	1.50	<0.005	31
					531643	342.50	344.00	1.50	<0.005	445
					531644	344.00	345.50	1.50	<0.005	853
					531645	345.50	346.08	0.58	<0.005	318
346.08	348.90	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 329.20m-338.18m, finer-grained than previous unit, possible mafic ?volcanic.	531646	346.08	347.50	1.42	<0.005	175

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From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au	Cu
						From	To	Interval	ppm	ppm
				very low magnetism, very sharp lower contact.	531647	347.50	348.90	1.40	<0.005	75
348.90	355.51	6a	Qtz+?Plag-phyric Felsic Dike	As in 338.18m-346.08m, qtz eyes are typically 1-3mm diameter, possible corroded plag phenos, trace level f.g. Py as disseminated aggregates throughout, minor deformed, cb/chl-altered sections e.g. 353.75m-354.50m DHD, sharp lower contact at high angle TCA.	531648 531649 531650 531651 531652	348.90 350.50 352.00 353.50 355.00	350.50 352.00 353.50 355.00 355.51	1.60 1.50 1.50 1.50 0.51	<0.005 <0.005 <0.005 <0.005 <0.005	36 51 185 74 199
355.51	360.00	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 346.08m-348.90m, corroded plag phenos stretched sub-parallel TCA, intercalated felsic dyke material locally with associated ?chlorite alteration, possible ?fuchsite associated with qtz injection at 358.30m DHD, relatively low magnetism throughout, lower contact is sharp at 75deg TCA.	531653 531654 531655	355.51 357.00 358.50	357.00 358.50 360.00	1.49 1.50 1.50	<0.005 <0.005 <0.005	18 56 47
360.00	363.04	6a	Qtz+?Plag-phyric Felsic Dike	As in 355.51m-360.00m, 1-3mm qtz phenos noted throughout interval, siliceous, massive, homogeneous, brittle fractures at high angles TCA.	531656 531657	360.00 361.50	361.50 363.04	1.50 1.54	<0.005 <0.005	103 102
363.04	365.10	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 355.51m-360.00m, sharp increase in grain size and magnetism over previous unit, qtz/cb filled fractures locally, wispy cb-filled veinlets, very sharp lower contact with felsic dyke.	531658 531659	363.04 364.00	364.00 365.10	0.96 1.10	<0.005 <0.005	331 361
365.10	366.06	6a	Qtz+?Plag-phyric Felsic Dike	As in 360.00m-363.04m, massive, homogeneous, siliceous, trace level f.g. Py throughout interval, lower contact is sharp at 60deg TCA.	531660	365.10	366.06	0.96	<0.005	206
366.06	367.83	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 363.04m-365.10m, microfracturing with carbonate-filled fractures, strong Rx to cold HCl, diffuse lower contact with felsic dyke.	531661 531662	366.06 367.00	367.00 367.83	0.94 0.83	<0.005 <0.005	241 156
367.83	370.35	6a	Qtz+?Plag-phyric Felsic Dike	As in 365.10m-366.06m, 1-3mm diameter qtz phenos throughout, f.g. Py aggregates to 2mm diameter, sharp lower contact at 90deg TCA.	531663 531664	367.83 369.00	369.00 370.35	1.17 1.35	<0.005 <0.005	134 103
370.35	374.07	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 366.06m-367.83m, increasing magnetism, grain size, chlorite alteration, lower contact with felsic dyke is irregular but at high angle TCA.	531665 531666 531667	370.35 371.50 373.00	371.50 373.00 374.07	1.15 1.50 1.07	<0.005 <0.005 <0.005	239 179 211
374.07	377.00	6a	Qtz+?Plag-phyric Felsic Dike	As in 367.93m-370.35m, massive, homogeneous, trace level f.g. Py as aggregates, sharp lower contact with metagabbro.	531668 531669	374.07 375.50	375.50 377.00	1.43 1.50	<0.005 <0.005	163 94
377.00	390.47	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 370.35m-374.07m, increasing magnetism, grain size, white qtz-filled voids locally, pale blue qtz phenos 1-3mm diameter ubiquitous, f.g. Pyrite as disseminations, trace ?cPy, ?sphal, lower contact with felsic dyke is very sharp at 80deg TCA.	531670 531671 531672 531673 531674 531675 531676 531677 531678 531679 531681	377.00 378.50 380.00 381.50 382.49 382.73 382.73 384.00 385.50 387.00 388.50 389.50 389.50	378.50 380.00 381.50 382.49 382.73 384.00 385.50 387.00 388.50 389.50 390.47	1.50 1.50 1.50 0.99 0.24 1.27 1.50 1.50 1.50 1.00 0.97	<0.005 <0.005 <0.005 <0.005 <0.005 0.007 0.009 <0.005 <0.005 <0.005 <0.005	129 100 72 139 57 108 117 130 195 173 297
390.47	395.79	6a	Qtz+?Plag-phyric Felsic Dike	As in 374.07m-377.00m, massive, homogeneous, minor 3mm diameter blue qtz eyes throughout, ?corroded plag phenos, trace level f.g. Py as disseminations, lower contact is marked with a 2cm-wide white quartz veinlet, sharp at 60deg TCA, 5cm-wide ?fault at 391.98m DHD.	531682 531683 531684 531685	390.47 391.50 393.00 394.50	391.50 393.00 394.50 395.79	1.03 1.50 1.5 1.29	<0.005 <0.005 <0.005 <0.005	120 77 79 307
395.79	403.38	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 377.00m-390.47m, strong magnetism, intercalated BLE with non-BLE sections, magnetite x-tals as disseminations throughout, trace level f.g. Py typically noted on fracture planes, lower contact with felsic dyke is sharp at right angles TCA.	531686 531687 531688 531689	395.79 397.00 398.50 400.00	397.00 398.50 400.00 401.50	1.21 1.50 1.50 1.50	<0.005 <0.005 <0.005 <0.005	230 120 86 183

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From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au	Cu	
						From	To	Interval	ppm	ppm	
					531690	401.50	402.50	1.00	<0.005	143	
					531691	402.50	403.38	0.88	<0.005	295	
403.38	405.29	6a	Qtz+?Plag-phyric Felsic Dike	As in 390.47m-395.79m, massive, homogeneous, pale blue qtz phenos to 4mm diameter ubiquitous throughout interval, trace level f.g. Py, diffuse lower contact.	531692	403.38	404.50	1.12	<0.005	21	
					531693	404.50	405.29	0.79	<0.005	33	
405.29	406.14	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 395.79m-403.38m, strong magnetism, sharp upper/lower contacts with felsic dyke, plag phenos replaced with carbonate.	531694	405.29	406.14	0.85	<0.005	152	
406.14	406.71	6a	Qtz+?Plag-phyric Felsic Dike	As in 403.38m-405.29m, minor blue qtz eyes to 5mm diameter locally, trace level f.g. Py as disseminated aggregates, diffuse lower contact with mafic unit.	531695	406.14	406.71	0.57	<0.005	94	
406.71	409.44	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 405.29m-406.14m, BLE lower contact with felsic dyke.	531696	406.71	408.00	1.29	<0.005	78	
					531697	408.00	409.44	1.44	<0.005	101	
409.44	410.86	6a	Qtz+?Plag-phyric Felsic Dike	As in 406.14m-406.71m, <2% pale blue qtz phenos, 3-4mm diameter, trace f.g. Py as disseminated aggregates, lower contact with mafic unit is diffuse and based on colour change.	531698	409.44	410.86	1.42	<0.005	172	
410.86	416.23	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 406.71m-409.44m, strongly magnetic, c.g., Py>cPy?sphal filled 2cm-wide seam at 70deg TCA at 411.50m DHD, sharp increase in 2-3mm diameter pale blue qtz eyes throughout interval, carbonate alteration, lower contact with felsic dyke is sharp but irregular, f.g. Py aggregates to 5mm-wide locally, noted that cPy/sphal mineralisation associated with intercalated mafic/felsic dyke unit and fracture planes more specifically.	531699	410.86	412.00	1.14	0.008	342	
					531700	412.00	413.00	1.00	<0.005	155	
					531701	413.00	414.50	1.50	<0.005	51	
					531702	414.50	415.50	1.00	<0.005	50	
					531703	415.50	416.23	0.73	<0.005	56	
416.23	416.45	6a	Qtz+?Plag-phyric Felsic Dike	As in 409.44m-410.86m, rectangular plag phenos throughout, sharp increase in pale blue qtz eyes of the 1-3mm diameter type, f.g. Py as disseminated aggregates, massive, homogeneous unit with very sharp upper/lower contacts with mafic unit.	531704	416.23	416.45	0.22	<0.005	26	
416.45	426.63	5a	Mafic unit of ?Synvolcanic Metagabbro	As in 410.86m-416.23m, strongly magnetic unit, massive, homogeneous unit, minor qtz-filled fracturing at 426.00m-426.50m DHD, f.g. Py aggregates up to 2cm-wide at 426.20m associated with cb-filled microfractured zone, lower contact with felsic dyke is brecciated.	531705	416.45	417.50	1.05	<0.005	50	
					531706	417.50	419.00	1.50	<0.005	93	
					531707	419.00	420.50	1.50	0.007	82	
					531708	420.50	422.00	1.50	<0.005	97	
					531709	422.00	423.50	1.50	<0.005	100	
					531710	423.50	425.00	1.50	0.011	142	
					531711	425.00	426.63	1.63	<0.005	99	
426.63	430.03	6a	Qtz+?Plag-phyric Felsic Dike	As in 416.23m-416.45m, massive, homogeneous, wispy cb-filled fractures, trace level f.g. Py as disseminations.	531712	426.63	428.00	1.37	<0.005	11	
					531713	428.00	429.00	1.00	<0.005	16	
					531714	429.00	430.03	1.03	<0.005	28	
430.03	434.00	5a, 6a	?Synvolcanic Metagabbro and Qtz-Phyric Dike	As in 416.45m-426.63m, intercalated c.g. metagabbro (strongly magnetic) with sections of pale grey felsic dyke unit, BLE associated with contacts, v.f.g. Py as fracture fillings, qtz/cb veinlets locally.	531715	430.03	431.50	1.47	0.01	159	
					531716	431.50	432.50	1.00	<0.005	48	
					531717	432.50	434.00	1.50	<0.005	106	
			E.O.H.								

Magnetic Susceptibility Readings

Drill Hole No: OL10_01

DHD (m)	Reading	DHD (m)	Reading	DHD (m)	Reading	DHD (m)	Reading	DHD (m)	Reading
3.00	Lake	150.00	0.07	297.00	0.64				
6.00	Lake	153.00	0.05	300.00	0.44				
9.00	Lake	156.00	0.00	303.00	0.02				
12.00	Lake	159.00	0.03	306.00	0.05				
15.00	Lake	162.00	0.11	309.00	0.06				
18.00	Lake	165.00	0.04	312.00	0.09				
21.00	Lake	168.00	0.81	315.00	0.15				
24.00	0.24	171.00	0.34	318.00	0.09				
27.00	0.10	174.00	0.00	321.00	0.17				
30.00	0.06	177.00	0.33	324.00	0.43				
33.00	0.00	180.00	0.31	327.00	0.56				
36.00	0.02	183.00	0.35	330.00	0.41				
39.00	0.00	186.00	0.04	333.00	0.42				
42.00	0.04	189.00	0.00	336.00	0.73				
45.00	0.01	192.00	0.00	339.00	0.09				
48.00	0.09	195.00	0.00	342.00	0.03				
51.00	0.00	198.00	0.07	345.00	0.02				
54.00	0.00	201.00	0.20	348.00	0.46				
57.00	0.00	204.00	0.00	351.00	0.06				
60.00	0.00	207.00	0.00	354.00	0.25				
63.00	0.01	210.00	0.10	357.00	0.27				
66.00	0.00	213.00	0.06	360.00	0.07				
69.00	0.02	216.00	0.12	363.00	0.17				
72.00	0.04	219.00	0.08	366.00	0.43				
75.00	0.01	222.00	0.05	369.00	0.25				
78.00	0.00	225.00	0.00	372.00	30.7				
81.00	0.01	228.00	0.06	375.00	0.00				
84.00	0.08	231.00	0.05	378.00	48.8				
87.00	0.00	234.00	0.05	381.00	82.5				
90.00	0.05	237.00	0.16	384.00	40.8				
93.00	0.08	240.00	0.31	387.00	23.3				
96.00	0.23	243.00	0.33	390.00	4.71				
99.00	0.07	246.00	0.32	393.00	0.18				
102.00	0.28	249.00	0.33	396.00	2.03				
105.00	0.53	252.00	0.32	399.00	103.0				
108.00	0.16	255.00	0.26	402.00	11.9				
111.00	0.08	258.00	0.39	405.00	2.06				
114.00	0.02	261.00	0.31	408.00	92.6				
117.00	0.03	264.00	0.05	411.00	7.4				
120.00	0.00	267.00	0.03	414.00	44.9				
123.00	0.00	270.00	0.33	417.00	70.5				
126.00	0.00	273.00	0.70	420.00	87.4				
129.00	0.29	276.00	0.34	423.00	74.7				
132.00	0.41	279.00	0.07	426.00	1.90				
135.00	0.04	282.00	0.39	429.00	0.65				
138.00	0.29	285.00	1.25	432.00	1.48				
141.00	0.10	288.00	0.27	434.00	5.14				
144.00	0.01	291.00	0.34	E.O.H.					
147.00	0.00	294.00	0.35						

Rainy River Resources Limited

Diamond Drill Log

OL10_02

Drill Hole No:			
Collar Easting:	440583	Claim No:	42442421
Collar Northing:	5417354	Township:	Fleming
Dip:	-50	Contractor:	Bradley Bros Drilling
Azimuth:	80	Casing:	29.00m
Started:	14 February, 2010	Core Size:	NQ
Completed:	16 February, 2010	Logged By:	Cj Baker
Depth:	197.00	Date:	16 February, 2010

Purpose:			
Eastermost hole on fence across bay north of Northern Peninsula; testing for source of high grade boulders			
Note: The traverse corresponds to western extension of Burnell Showing picket line 1+00S			

Tests	DHD (m)	Dip (deg.)	Azi (deg.)
Reflex EZ Shot	35.00	-51.4	87.7 (80.0)
Reflex EZ Shot	62.00	-51.5	83.9 (80.0)
Reflex EZ Shot	101.00	-51.8	88.8 (80.0)
Reflex EZ Shot	149.00	-51.9	97.2 (80.0)
Reflex EZ Shot	197.00	-52.3	219.4 (80.0)
Note:	Bold readings are suspect due to high magnetic susceptibility readings; use bracketed numbers.		

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
0.00	29.00		Off Lake	Casing						
29.00	30.08	6a	?Qtz+Plag-phyric Felsic Dike	Pale grey, relatively f.g., massive, felsic dike, Qtz+plag phyric, rare v.f.g. Py as disseminations, sharp irregular lower contact at high angle TCA.	531313	29.00	30.08	1.08	<0.005	237
30.08	47.00	5b	?Synvolcanic Metagabbro	Dark green, typically v.c.g. mass, homogeneous, strong mag. mag xtals, distinctive chloritic 'clots' give spotted appearance, wispy c-b filled fracture planes, sharp lower contact with fault at 45deg TCA., intercalated (plag) megacryst free and megacryst-bearing intervals locally, trace-level Py on fractures, typical 5-10mm long rounded to tabular plag megacrysts, megacrysts to 4cm diameter in distinct zones at 10-40% concentrations, smaller megacrysts typically at 1-3%, upper and lower contacts with felsic dyke show BLE and chlorite altered zones that are much finer grained, and bright green in colour, lower contact at high angle TCA. 30.08m-30.79m; pale green, m.g. to c.g., strong magnetism, 1% plag megacrysts to 3mm diameter, v.f.g. Py as disseminations. 45.20m-47.00m; as in 30.08m-30.7m, pale green, m.g., BLE appearance, Qtz/cb veining marks lower contact with felsic dyke.	531314 531315 531316 531317	30.08 34.67 45.20 46.00	30.79 36.00 46.00 47.00	0.71 1.33 0.80 1.00	<0.005 0.008 0.006 <0.005	255 304 140 91
47.00	54.11	6a	?Qtz+Plag-phyric Felsic Dike	As in 29.00m-30.08m, minor chlorite-filled voids locally, 5cm wide Qtz veins locally at 51.91m, 53.21m and 53.49m DHD, tourmaline, v. sharp margins at 70-80deg TCA, minor epidotisation locally, fracture planes are typically at high angle TCA. 52.55m-52.69m; chlorite altered metagabbro, BLE appearance, m.g., devoid of plag xenocrysts, sharp upper/lower contacts.	531318 531319 531321 531322 531323	47.00 48.50 50.00 51.50 53.00	48.50 50.00 51.50 53.00 54.11	1.50 1.50 1.50 1.50 1.11	0.010 <0.005 0.035 0.017 0.007	434 144 1250 633 336
54.11	67.50	5b	?Synvolcanic Metagabbro	As in 30.08m-47.00m, intercalated plag megacryst free and megacryst-bearing intervals, v. strong magnetism, minor Qtz-filled vugs with 1-2% v.f.g. Py locally, wispy cb-filled veinlets Rx strongly to cold HCl, altered sections at upper/lower contacts. 54.11m-54.93m; chlorite altered, pale green, m.g., BLE appearance, 1% v.f.g. Py as aggregates and disseminations.	531324 531325 531326	54.11 54.93 66.50	54.93 55.61 67.50	0.82 0.68 1.00	0.015 0.005 0.016	663 189 112
67.50	67.90	6a	?Qtz+Plag-phyric Felsic Dike	As in 47.00m-54.11m, m.g., 1-3% plag phenocrysts to 2mm diameter, minor cb-filled veinlets Rx strongly to cold HCl, v. sharp upper/lower contacts at high angle TCA with gabbroic rocks.	531327	67.50	67.90	0.40	<0.005	29
67.90	73.35	5b	?Synvolcanic Metagabbro	As in 54.11m-67.50m, no typical alteration zone at upper contact with felsic dyke, megacrysts typically at 3-5mm diameter throughout, rare Py as disseminations. 72.65m-73.35m; alteration zone, BLE, finer-grained, increase in Py to 3% concentrations, faulting at lower contact with felsic dyke.	531328 531329 531330 531331 531332	67.90 69.00 70.50 71.50 72.65	69.00 70.50 71.50 72.65 73.55	1.10 1.50 1.00 1.15 0.90	<0.005 <0.005 <0.005 <0.005 0.005	51 47 62 58 31

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
73.35	76.20	6a	?Qtz+Plag-phyric Felsic Dike	As in 67.50m-67.90m, m.g., trace to 1% v.f.g. Py fracture fillings and disseminations, sharp, irregular lower contact.	531333	73.55	75.00	1.45	<0.005	11
					531334	75.00	76.20	1.20	<0.005	34
76.20	84.19	5b	?Synvolcanic Metagabbro	As in 67.90m-73.35m, minor cb-filled fractures locally, 76.20m-77.00m; alteration zone, BLE, pale green, chlorite, minor v.f.g. Py as disseminations, distinct zone with fewer plag megacrysts.	531335	76.20	77.00	0.80	<0.005	36
					531336	83.00	84.19	1.19	0.006	114
84.19	84.44	6a	?Qtz+Plag-phyric Felsic Dike	As in 73.35m-76.20m, sharp upper contact, irregular lower contact with metagabbro, ?epidotisation, trace level v.f.g. Py as disseminations.	531337	84.19	84.44	0.25	0.008	204
84.88	85.50	5b	?Synvolcanic Metagabbro	As in 76.20m-84.11m, marked increase in cb-filled fracture fillings with strong Rx to cold HCl, vague foliation at 45deg TCA, BLE appearance, 1-3%v.f.g. Py at lower contact.	531338	84.44	85.50	1.06	0.015	303
85.50	94.83	6a	?Qtz+Plag-phyric Felsic Dike	As in 84.11m-84.44m, massive, homogeneous, unaltered, unmineralised lower contact sharp at 90deg TCA.	531339	85.50	87.00	1.50	<0.005	152
					531340	87.00	88.50	1.50	<0.005	97
					531341	88.50	90.00	1.50	<0.005	28
					531342	90.00	91.50	1.50	<0.005	9
					531343	91.50	93.00	1.50	<0.005	5
					531344	93.00	94.00	1.00	<0.005	10
94.83	133.56	5b	?Synvolcanic Metagabbro	As in 84.88m-85.50m, intercalated megacryst (to 2cm diam) rich zones with megacryst poor zones, typically c.g. with fined-grained sections as noted below, trace level f.g. Py, Po associated with fractures locally, strongly magnetic, lower contact with felsic dyke is sharp at at 80deg TCA, cb-filled fractures Rx strongly to cold HCl. 107.07m-110.74m; finer grained ?gabbro with BLE appearance, inc cb veinlets typically at high angles TCA, Rx to cold HCl, minor qtz/cb veinlets locally at high angles TCA. 123.86m-124.42m; as in 107.04m-110.74m, minor Py/Po seams locally, possible ?sphalerite-rich seam at 122.50, minor hematization associated with fractures. 131.53m-133.56m; as in 123.86m-124.42m, inc BLE appearance toward lower contact with felsic dyke, vague foliation at 70deg TCA marked with cb-filled fractures, sharp lower contact at 80deg TCA marked with cb veinlet.	531346	94.83	95.50	0.67	<0.005	80
					531347	107.07	108.00	0.30	<0.005	89
					531348	108.00	109.00	1.00	<0.005	21
					531349	109.00	110.00	1.00	<0.005	23
					531350	110.00	110.74	0.74	<0.005	62
					531351	122.00	123.00	1.00	<0.005	213
					531352	123.00	123.56	0.56	<0.005	70
					531353	123.56	124.42	0.86	<0.005	140
					531354	131.53	133.00	1.47	<0.005	87
					531355	133.00	133.56	0.56	<0.005	10
					133.56	137.00	6a	?Qtz+Plag-phyric Felsic Dike	As in 85.50m-94.83m, massive, trace level v.f.g. Py as disseminations, hematization associated with fractures locally, lower contact with altered gabbroic unit is irregular, minor unmin and unalt qtz veinlets locally.	531356
531357	134.50	136.00	1.50	0.005						203
531358	136.00	137.00	1.00	0.005						253
531359	137.00	138.20	1.20	<0.005						29
137.00	197.00	5b	?Synvolcanic Metagabbro	As in 94.83m-133.56m, 1mm magnetite xtals throughout interval, minor bx locally, cb-rich fracture fillings common from 161.50m-168.80m.	531361	138.20	139.00	0.80	0.005	104

Rainy River Resources Limited

Diamond Drill Log

OL10_03

Drill Hole No:			
Collar Easting:	440381	Claim No:	4244241
Collar Northing:	5417318	Township:	Fleming
Dip:	-50	Contractor:	Bradley Bros Drilling
Azimuth:	80	Casing:	16.00m
Started:	8 February, 2010	Core Size:	NQ
Completed:	13 February, 2010	Logged By:	Cj Baker
Depth:	292.00	Date:	13 February, 2010

Purpose:			
Westernmost hole on traverse north of Northern Peninsula; target is source of high grade boulders.			
Note: Traverse on western extension of Burnell Showing grid line 1+00S			

Tests	DHD (m)	Dip (deg.)	Azi (deg.)
Reflex EZ Shot	20.00	-49.0	88.0 (80.0)
Reflex EZ Shot	65.00	-48.6	83.4 (80.0)
Reflex EZ Shot	101.00	-47.9	79.9
Reflex EZ Shot	152.00	-46.7	84.7
Reflex EZ Shot	200.00	-45.5	86.6
Reflex EZ Shot	250.00	-44.9	91.2
Reflex EZ Shot	292.00	-45.0	93.0
Note:	Bold readings are suspect due to strong magnetic attraction in lithologies intersected.		

Rainy River Resources: Off Lake Project						OL10-03				
From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
0.00	16.00		Lake water	Casing						
16.00	16.54	1a	Mafic to Intermediate Volcanic	Dark green, massive, m.g. to c.g., x-cut cb filled fracture planes locally, crude foliation at high angle TCA, brittle fractures, trace level v.f.g. Py as disseminations, strong mag, lower contact is sharp at 70deg TCA, BLE with x-cut fractures at 15.02m DHD, distinctive, rounded ?plag xenocrysts to 2mm diameter in upper section, very sharp lower contact at 70deg TCA.	531096	16.00	16.54	0.54	<0.005	195
16.54	17.00	6a	?Qtz+Plag-phyric Felsic Dike	Pale grey, m.g., massive, felsic dike, qtz+plag phyric, ?plag phenos, qtz phenos ubiquitous, typically 2mm diameter, moderate foliation at 80deg TCA, trace v.f.g. Py as disseminations, minor sericite, sharp upper/lower contacts at 80deg TCA.	531097	16.54	17.00	0.46	<0.005	2
17.00	18.76	1a	Mafic to Intermediate Volcanic	As in 16.00m-16.54m, green/grey, ?bx sections, strong Rx to cold HCl, BLE throughout due to microfracturing, diffuse lower contact with felsic dyke, minor Po-rich seams locally, siliceous.	531098 531099	17.00 18.00	18.00 18.76	1.00 0.76	0.021 0.031	1035 1215
18.76	22.84	6a	?Qtz+Plag-phyric Felsic Dike	Pale grey, m.g., massive, felsic dike, qtz+plag phyric, cb replacing ?plag phenos, qtz phenos ubiquitous, some rounded, rectangular to 2mm diam., fractureless locally cb-filled and at high angles TCA, trace v.f.g. Py, cPy as disseminations, diffuse lower contact with Mv at 85-90deg TCA.	531100 531101 531102	18.76 20.00 21.50	20.00 21.50 22.84	1.24 1.50 1.34	0.023 <0.005 0.014	1545 213 866
22.84	23.34	1a	Mafic to Intermediate Volcanic	As in 17.00m-18.76m, strong cb alteration with Rx to cold HCl, minor microfracturing throughout, trace level Py, Po as seams locally, massive rock with no foliation developed.	531103	22.84	23.34	0.50	0.021	1040
23.34	28.25	6a	?Qtz+Plag-phyric Felsic Dike	As in 18.76m-22.84m, pale grey, massive, minor wispy cb-filled fractures throughout, sharp lower contact at 70deg TCA.	531104 531105 531106 531107	23.34 24.50 26.00 27.00	24.50 26.00 27.00 28.25	1.16 1.50 1.00 1.25	0.053 0.026 0.01 0.013	2800 1365 630 754
28.25	28.36	1a	Mafic to Intermediate Volcanic	As in 22.84m-23.34m, dark grey, massive, trace level Py, ?Po as disseminations, sharp upper/lower contacts.	531108	28.25	28.36	0.11	0.029	1365
28.36	38.20	6a	?Qtz+Plag-phyric Felsic Dike	As in 23.34m-28.25m, massive with brittle fracture planes, some filled with Py, Po locally, strong Rx with cold HCl, strong increase in fracturing towards lower contact with fault gouge.	531109 531110 531111 531112 531113 531114 531115	28.36 30.00 31.50 33.00 34.50 36.00 37.50	30.00 31.50 33.00 34.50 36.00 37.50 38.20	1.64 1.50 1.50 1.50 1.50 1.50 0.70	0.022 0.054 0.022 0.016 <0.005 <0.005 <0.005	1255 2970 1450 945 308 254 58
38.20	39.94	FZ	Fault Zone	Pale green/white, foliation at very low angle TCA, strong brecciation, carbonate, chlorite alteration, trace level Py as aggregates locally, lower contact at 45deg TCA.	531116 531117	38.20 39.00	39.00 39.94	0.80 0.94	0.005 <0.005	63 21
39.94	40.97	6a	?Qtz+Plag-phyric Felsic Dike	As in 28.36m-38.20m, moderate foliation developed at upper/lower contacts at 30deg TCA, chlorite-filled fractures, Po/Py at 1% level as	531118	39.94	40.97	1.03	0.058	2110

Rainy River Resources: Off Lake Project

OL10-03

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
				disseminations throughout, wispy cb-filled fractures locally.						
40.97	45.90	5b	?Synvolcanic Metagabbro	Dark green, v.c.g. massive, homogeneous, strong mag, distinctive 3mm chloritic 'clots' give spotted appearance, wispy cb-filled fracture planes locally, chlorite alteration, mineralisation typically trace-level v.f.g. Py on fracture planes, sharp lower contact with fault at 45deg TCA.	531119 531121 531122 531123	40.97 42.00 43.50 45.00	42.00 43.50 45.00 45.90	1.03 1.50 1.50 0.90	0.012 0.011 0.011 0.032	428 383 289 797
45.90	47.12	FZ	Fault Zone	As in 38.20m-39.94m, strong brecciation, sill, chl alteration, strong Rx to cold HCl, very sharp upper/lower contacts at 45deg. TCA.	531124	45.90	47.12	1.22	<0.005	286
47.12	49.54	6a	?Qtz+Plag-phyric Felsic Dike	As in 39.94m-40.97m; sharp inc. in hem alteration giving core an atypical pink colour, foliation widely variable from 30deg TCA in upper section of interval to 60deg TCA near lower contact, Py at 1%level as disseminations throughout, qtz phenos to 2mm diameter ubiquitous, fracture plane at 5deg TCA at DHID of 48.00m.	531125 531126	47.12 48.50	48.50 49.54	1.38 1.04	0.016 0.045	556 1850
49.54	52.77	6a,5b	?Synvolcanic Metagabbro/Felsic dyke	Dark grey to black, transitional zone between Qtz+Plag-phyric felsic dyke and synvolcanic gabbro, injections of white qtz locally with associated ?epidote-rich margins, Py to 1%levels as dissem. 1%Py noted at upper contact with felsic dyke, strong microfractures locally, upper/lower contacts are very diffuse.	531127 531128 531129	49.54 50.50 52.00	50.50 52.00 52.77	0.96 1.50 0.77	0.158 0.083 0.019	7110 3350 1325
52.77	65.28	5b	?Synvolcanic Metagabbro	As in 40.97m-45.90m, massive gabbro with distinctive 3mm 'clots' which give spotted appearance, wispy cb-filled fractures locally, chlorite alteration, mineralisation typically trace-level v.f.g. Py on planes, sharp lower contact at high angle TCA.	531130 531131 531132 531133 531134 531135 531136 531137 531138	52.77 53.50 55.00 56.50 58.00 59.50 61.00 62.50 64.00	53.50 55.00 56.50 58.00 59.50 61.00 62.50 64.00 65.28	0.73 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.28	0.027 0.006 0.023 0.061 0.006 0.009 0.019 0.045 0.014	1850 456 1150 2980 480 518 769 944 616
65.28	84.16	6a	?Qtz+Plag-phyric Felsic Dike	As in 47.12m-49.54m, strong BLE and hem alteration 65.28m-69.80m, pale green alt consists of ?epidote or ?fuchsite, porphyritic appear. blue qtz eyes throughout, typically 3-4mm diameter, ?plag phenos are pink colour, wispy cb-filled fractures at all angles TCA, Q/cb-filled vein 83.25m-83.60m, bx vein margins, strong chl alteration associated, trace-level Py, sharp lower contact at 80deg TCA.	531139 531140 531141 531142 531143 531144 531145 531146 531147 531148 531149 531150 531151	65.28 66.50 68.00 69.50 71.00 72.50 74.00 75.50 77.00 78.50 80.00 81.50 83.00 84.16	66.50 68.00 69.50 71.00 72.50 74.00 75.50 77.00 78.50 80.00 81.50 83.00 84.16	1.22 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5 1.5 1.5 1.16	<0.005 <0.005 <0.005 0.056 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	145 329 15 1670 94 25 8 4 7 9 10 336
84.16	94.00	5b	?Synvolcanic Metagabbro	As in 52.77m-65.28m, as in 52.77m-65.28m with decreasing magnetism down section, cb-filled fractures locally Rx strongly to cold HCl, minor f.g. Py locally associated with fractures, chloritic margins, massive rock.	531152 531153 531154 531155 531156	84.16 85.00 86.50 88.00 89.50	85.00 86.50 88.00 89.50 91.00	0.84 1.50 1.50 1.50 1.50	0.051 0.041 0.015 0.024 0.029	2220 1335 453 782 755

Rainy River Resources: Off Lake Project

OL10-03

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
				93.38m-94.00m, transitional zone, strong chlorite alteration, foliation at 25deg TCA, sharp increase in microfracturing, trace level v.f.g. Py	531157	91.00	92.50	1.50	0.016	446
					531158	92.50	94.00	1.50	0.010	495
94.00	102.06	6a	?Qtz+Plag-phyric Felsic Dike	As in 65.28m-84.16m, variable porphyritic/non-porphyritic sections, plag phenos to 5mm diameter locally, massive, trace level v.f.g. Py as disseminations, minor BLE locally, upper/lower contacts are v. sharp 45deg TCA.	531159	94.00	95.50	1.50	<0.005	200
					531161	95.50	97.00	1.50	<0.005	263
					531162	97.00	98.50	1.50	<0.005	276
					531163	98.50	100.00	1.50	<0.005	144
					531164	100.00	101.00	1.00	<0.005	163
					531165	101.00	102.06	1.06	<0.005	204
102.06	105.90	1a	Mafic to Intermediate Volcanic	Dark green, massive, m.g. to c.g., x-cut cb filled fracture planes locally, variable foliation, fold noses noted at 103.90m DHD at low angle	531166	102.06	103.00	0.94	<0.005	187
				TCA, brittle fractures typically at 30-40deg TCA, trace level v.f.g. Py as disseminations, strong mag, lower contact is sharp at 70deg TCA,	531167	103.00	104.50	1.50	<0.005	321
				weak mag, lower contact is sharp at 45deg TCA, minor wispy cb-filled veinlets locally.	531168	104.50	105.50	1.00	0.007	474
					531169	105.50	105.90	0.40	<0.005	174
105.90	123.60	6a	?Qtz+Plag-phyric Felsic Dike	As in 94.00m-102.06m, massive, brittle fractures typically at high angles TCA, 113.00m-117.00m fractures at 10-20deg TCA, minor hematite alteration associated with cb-filled fractures locally, sharp increase in deformation at lower contact with fault zone, strong chlorite alteration, qtz/cb veining, brecciation.	531170	105.90	107.00	1.10	<0.005	80
					531171	107.00	108.50	1.50	<0.005	234
					531172	108.50	110.00	1.50	<0.005	120
					531173	110.00	111.50	1.50	0.005	293
					531174	111.50	113.00	1.50	<0.005	58
					531175	113.00	114.00	1.00	<0.005	8
				120.28m-120.52m; bull qtz vein, hematisation on margins, trace level Py, tourmaline, very sharp upper/lower contacts at high angles TCA.	531176	117.00	118.50	1.50	0.007	122
					531177	118.50	119.50	1.00	0.005	131
					531178	119.50	120.28	0.78	0.006	95
					531179	120.28	120.52	0.24	<0.005	19
					531180	120.52	122.00	1.48	<0.005	65
					531181	122.00	123.00	1.00	<0.005	51
123.60	124.30	FZ	Fault Zone	Dark grey rubble, strong chlorite, qtz/cb veinlets throughout, gouge, bx, trace level v.f.g. Py as disseminations.	531182	123.00	123.60	0.60	0.007	135
					531183	123.60	124.30	0.70	0.014	24
124.30	227.56	6a	?Qtz+Plag-phyric Felsic Dike	As in 105.90m-123.60m, massive, plag phenos 1mm diameter throughout interval, fractures variable from high angles TCA, with some sub-parallel TCA, fault gouge at 124.60m DHD, v.f.g. Py as disseminations, concentrations on fractures, hematisation locally, e.g. 130.00m DHD, typically massive, brittle fractures with minor sections foliation development at low angle TCA, blue qtz phenos intermittent down section, quartz-filled gashes with chl altered margins, ?fuchsite, v.f.g. Py throughout to 1% level locally, cPy noted at 201.30m DHD, minor microfracturing locally, rare BLE on fractures, typically weak magnetism with more anomalous locally, 2 sub-parallel 5cm wide qtz veins at 45deg TCA, lower contact with fault sharp and at 90deg TCA.	531184	124.30	125.50	1.20	<0.005	15
					531185	125.50	127.00	1.50	<0.005	11
					531186	127.00	128.50	1.50	<0.005	18
					531187	128.50	130.00	1.50	<0.005	20
					531188	130.00	131.40	1.40	<0.005	13
					531189	131.40	131.65	0.25	0.017	242
					531190	131.65	133.00	1.35	0.025	407
					531191	133.00	134.50	1.50	0.016	437
					531192	134.50	136.00	1.50	0.014	533
					531193	136.00	137.50	1.50	0.026	646
					531194	137.50	139.00	1.50	0.023	613
					531195	139.00	140.50	1.50	0.022	555
				131.40m-131.65m; white, bull quartz vein (gashes), sharp upper/lower contact at 70deg TCA, tourmaline, Py on vein margins, chlorite 'clots'.	531196	140.50	142.00	1.50	0.014	646
					531197	142.00	143.50	1.50	0.006	392
					531198	143.50	145.00	1.50	0.006	306
					531199	145.00	146.50	1.50	<0.005	225
				153.70m-154.00m; white, bull quartz vein (gashes), sharp upper/lower contact at 70deg TCA, tourmaline, Py on vein margins,	531201	146.50	148.00	1.50	0.008	281
					531202	148.00	149.00	1.00	<0.005	170

Rainy River Resources: Off Lake Project						OL10-03				
From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
				chlorite 'clots'.	531203	149.00	150.00	1.00	<0.005	223
					531204	150.00	151.50	1.50	<0.005	125
				172.60m-172.97m; folded white, bull quartz vein, sharp contacts	531205	151.50	153.00	1.50	0.005	248
				, tourmaline, Py on vein margins, vein at 20-30deg TCA.	531206	153.00	153.70	0.70	<0.005	253
				chlorite 'clots'.	531207	153.70	154.00	0.30	<0.005	99
					531208	154.00	155.50	1.50	0.01	535
				199.30m-209.00m; change in fracture pattern from typically at high angle	531209	155.50	157.00	1.50	<0.005	181
				TCA to one of sub-parallel TCA.	531210	157.00	158.50	1.50	<0.005	312
					531211	158.50	160.00	1.50	0.007	376
					531212	160.00	161.50	1.50	0.005	253
					531213	161.50	163.00	1.50	0.009	442
					531214	163.00	164.50	1.50	0.008	614
					531215	164.50	166.00	1.50	0.01	475
					531216	166.00	167.50	1.50	0.012	515
					531217	167.50	169.00	1.50	0.008	597
					531218	169.00	170.50	1.50	0.011	360
					531219	170.50	171.50	1.00	<0.005	261
					531220	171.50	172.60	1.10	<0.005	156
					531221	172.60	172.97	0.37	0.041	355
					531222	172.97	174.00	1.03	<0.005	124
					531223	174.00	175.50	1.50	<0.005	184
					531224	175.50	177.00	1.50	<0.005	214
					531225	177.00	178.50	1.50	<0.005	142
					531226	178.50	180.00	1.50	<0.005	112
					531227	180.00	181.50	1.50	<0.005	168
					531228	181.50	182.00	0.50	<0.005	210
					531229	182.00	183.50	1.50	<0.005	287
					531230	183.50	185.00	1.50	0.005	261
					531231	185.00	186.50	1.50	0.015	273
					531232	186.50	188.00	1.50	0.006	280
					531233	188.00	189.50	1.50	0.01	480
					531234	189.50	191.00	1.50	<0.005	330
					531235	191.00	192.50	1.50	<0.005	263
					531236	192.50	194.00	1.50	0.007	515
					531237	194.00	195.50	1.50	<0.005	234
					531238	195.50	197.00	1.50	0.014	892
					531239	197.00	198.50	1.50	0.011	713
					531241	198.50	200.00	1.50	0.035	1660
					531242	200.00	201.50	1.50	0.03	2200
					531243	201.50	203.00	1.50	0.023	1140
					531244	203.00	204.50	1.50	0.041	2350
					531245	204.50	206.00	1.50	0.037	2330
					531246	206.00	207.50	1.50	0.017	1170
					531247	207.50	209.00	1.50	0.023	1140
					531248	209.00	210.50	1.50	0.007	347
					531249	210.50	212.00	1.50	<0.005	140
					531250	212.00	213.50	1.50	<0.005	63
					531251	213.50	215.00	1.50	<0.005	43
					531252	215.00	216.50	1.50	<0.005	199
					531253	216.50	218.00	1.50	<0.005	189
					531254	218.00	219.50	1.50	<0.005	63

Rainy River Resources: Off Lake Project

OL10-03

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
					531255	219.50	221.00	1.50	<0.005	120
					531256	221.00	222.50	1.50	<0.005	160
					531257	222.50	224.00	1.50	0.034	1530
					531258	224.00	225.50	1.50	0.012	272
					531259	225.50	227.00	1.50	0.006	259
					531260	227.00	227.56	0.50	0.018	603
227.56	229.38	FZ	Fault	Pale green, strong deformation, crumbly core, cb filled blebs Rx strongly to cold HCl, intense chlorite alteration, trace level v.f.g. Py aggregates locally, upper contact at high angle TCA, lower contact irregular and at 45deg TCA.	531261	227.60	228.00	0.40	<0.005	46
					531262	228.00	229.38	1.38	<0.005	107
229.38	230.84	6a	?Qtz+Plag-phyric Felsic Dike	As in 124.30m-227.56m, massive, minor hematization locally, trace level v.f.g. Py as disseminations, lower contact is sharp at high angle TCA.	531263	229.38	230.84	1.46	0.07	1680
230.84	231.09	FZ	Fault	As in 227.56m-229.38m, trace level v.f.g. Py as aggregates, minor cb filled vugs with strong Rx to cold HCl, sharp lower contact at high angle TCA.	531264	230.84	231.09	0.25	<0.005	186
231.09	231.71	6a	?Qtz+Plag-phyric Felsic Dike	As in 229.38m-230.84m, moderate hematization, strong deformation at lower contact with fault, interval is intercalated felsic dyke and chloritic fault material.	531265	231.09	231.71	0.62	0.014	377
231.71	232.63	FZ	Fault	As in 230.84m-231.09m, core fractures are sub-parallel TCA, sharp lower contact at 80-90deg TCA.	531266	231.71	232.63	0.92	<0.005	43
232.63	235.45	6a	?Qtz+Plag-phyric Felsic Dike	As in 231.09m-231.71m, lower contact with Mv is very irregular at 45deg TCA, intercalated felsic dyke and mafic volcanic near lower contact.	531267	232.63	234.00	1.37	<0.005	21
					531268	234.00	235.45	1.45	<0.005	90
235.45	236.49	1a	Mafic to Intermediate Volcanic	Dark green, massive, m.g. to c.g., x-cut cb-filled fracture planes locally, brittle fractures, trace level v.f.g. Py as dissemination, sharp increase in magnetics from felsic dyke, lower contact is sharp at 70deg TCA.	531269	235.45	236.49	1.04	<0.005	101
236.49	236.78	6a	?Qtz+Plag-phyric Felsic Dike	As in 232.63m-235.45m, 4cm-wide qtz/cb filled vein in central portion of interval, trace level v.f.g. Py, sharp upper contact, diffuse lower contact.	531270	236.49	236.78	0.29	<0.005	145
236.78	241.32	1a	Mafic to Intermediate Volcanic	As in 225.45m-236.49m, massive, m.g. to c.g., x-cut cb-filled fractures locally, brittle fracture planes, trace level v.f.g. Py as disseminations, sharp increase in magnetics from felsic dyke, ?epidotization locally, lower contact is sharp at 70deg TCA.	531271	236.78	238.00	1.22	<0.005	129
					531272	238.00	239.50	1.50	<0.005	122
					531273	239.50	240.50	1.00	0.018	941
					531274	240.50	241.32	0.82	0.032	1480
241.32	243.90	6a	?Qtz+Plag-phyric Felsic Dike	As in 236.49m-236.78m, massive at upper contact, increasing hem alteration near lower contact, increase in brittle fracturing, trace level v.f.g. Py as disseminations, lower contact sharp, at high angle TCA.	531275	241.32	242.50	1.18	0.014	895
					531276	242.50	243.90	1.40	0.081	2980
243.90	244.74	FZ	Fault	As in 231.71m-232.63m, extreme deformation and alteration, chlorite, carbonate ubiquitous, fracture planes at very low angles TCA, sharp upper and lower contacts with felsic dyke.	531277	243.90	244.74	0.84	<0.005	72
244.74	292.00	6a	?Qtz+Plag-phyric Felsic Dike	As in 241.32m-243.90m, massive trace level v.f.g. Py, 1% concentrations locally associated with 'vugs', intercalated intervals with porphyritic	531278	244.74	245.50	0.76	0.009	437
					531279	245.50	247.00	1.50	0.010	853

Magnetic Susceptibility

OL10_03

DHD (m)	Reading	DHD (m)	Reading	DHD (m)	Reading	DHD (m)	Reading	DHD (m)	Reading
3.00	Lake	102.00	1.71	201	8.74				
6.00	Lake	105.00	0.46	204	0.08				
9.00	Lake	108.00	0.09	207	0.04				
12.00	Lake	111.00	0.20	210	0.04				
15.00	Lake	114.00	0.05	213	1.6				
18.00	159.00	117.00	0.08	216	0.11				
21.00	12.80	120.00	0.01	219	0.13				
24.00	121.00	123.00	0.14	222	0.6				
27.00	200.00	126.00	0.09	225	3.28				
30.00	91.80	129.00	0.03	228	0.37				
33.00	179.00	132.00	0.00	231	0.12				
36.00	6.48	135.00	0.05	234	0.95				
39.00	4.83	138.00	0.02	237	24.8				
42.00	57.20	141.00	0.03	240	56.3				
45.00	60.60	144.00	2.30	243	0.11				
48.00	4.90	147.00	3.61	246	5.25				
51.00	160.00	150.00	0.31	249	4.05				
54.00	28.20	153.00	0.26	252	21.3				
57.00	94.20	156.00	0.00	255	3.84				
60.00	97.10	159.00	0.50	258	0.27				
63.00	81.50	162.00	2.28	261	7.26				
66.00	11.40	165.00	4.10	264	2.58				
69.00	6.66	168.00	0.01	267	1.70				
72.00	0.42	171.00	0.02	270	0.00				
75.00	0.00	174.00	8.52	273	0.03				
78.00	0.00	177.00	2.98	276	9.86				
81.00	0.03	180.00	0.05	279	2.69				
84.00	30.60	183.00	0.46	282	0.08				
87.00	2.01	186.00	0.00	285	0.03				
90.00	0.64	189.00	0.42	288	0.10				
93.00	0.51	192.00	0.11	291	0.00				
96.00	0.27	195.00	10.40						
99.00	12.80	198.00	13.20						

Rainy River Resources Limited

Diamond Drill Log

OL10_04

Drill Hole No:			
Collar Easting:	440003	Claim No:	4244241
Collar Northing:	5416670	Township:	Senn
Dip:	-55	Contractor:	Bradley Bros Drilling
Azimuth:	90	Casing:	31.00m
Started:	4 Feb, 2010	Core Size:	NQ
Completed:	8 Feb, 2010	Logged By:	Cj Baker
Depth:	161.00m	Date:	8 Feb, 2010

Purpose:			
To test for narrow high grade gold values recorded in Agassiz showing on southern peninsula.			
Note: Donald LaFrance (D/S) and G.Cyr (N/S)			

Tests	DHD (m)	Dip (deg.)	Azi (deg.)
Reflex EZ Shot	44.00	-55.9	87.2
Reflex EZ Shot	98.00	-55.6	90.8
Reflex EZ Shot	161.00	-55.4	95.2

Rainy River Resources: Off Lake Project

OL10_04

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
0.00	31.00		Off Lake water	Casing, Qtz+Plag-phyric boulders						
31.00	161.00	6a	?Qtz+Plag-phyric Felsic Dike	Pale grey, m.g., massive, felsic dike, qtz+plag phyric, 'spotted' appearance to core, pale green ?plag phenos typically 1-2mm, qtz pheno rims more diffuse rims, qtz veinlets locally at low angle TCA, minor cb-filled fractures at high angles TCA, strong Rx with cold HCl, trace v.f.g. Py as disseminations throughout interval, dark green ?chloritic ?clast at DHD 58.63m, 8cmx6cm, very sharp margins, v.f.g. trace level Py, dark green ?chloritic ?clast at DHD 57.09m, 12cmx8cm, diffuse contacts relative to previous, pale blue qtz 'eyes' locally, typically disseminated, 2-3mm diameter, local concentrations, v. weak ?fabric developed at 77.00m DHD, fracture filled seams of m.g. Py aggregates at 45deg TCA at 77.00-78.00m, associated minor BLE and tourmaline, intercalated 'porphyritic' and f.g. BLE intervals throughout, latter intervals may be brecciated, ?fuchsite, trace level v.f.g. Py as aggregates.	531001	32.00	33.00	1.00	0.016	319
				36.34m-36.36m: qtz-filled and cb-filled brittle fractures with 1%v.f.g. Py at high angles TCA, ?epidote alteration.	531002	36.00	37.00	1.00	0.009	238
					531003	40.00	41.00	1.00	0.007	238
					531004	46.00	47.00	1.00	<0.005	89
				50.31m-50.47m: qtz-filled fracture, f.g., BLE appearance, black mineral (?To) fills 2mm-wide fracture at 60deg TCA, epidote alteration rims, sharp upper and lower contacts with m.g. dyke.	531005	50.00	51.00	1.00	0.026	653
					531006	53.00	54.00	1.00	<0.005	28
					531007	57.00	58.00	1.00	<0.005	29
					531008	58.00	59.00	1.00	<0.005	13
					531009	63.00	64.00	1.00	0.005	186
					531010	68.00	69.00	1.00	0.015	185
					531011	69.00	70.00	1.00	0.014	248
					531012	70.00	71.00	1.00	0.02	406
					531013	71.00	72.00	1.00	0.011	234
					531014	72.00	73.00	1.00	0.006	140
				73.55m-74.54m: porphyritic appearance, massive, unmineralized.	531015	73.00	74.00	1.00	0.006	112
					531016	74.00	74.54	0.54	0.013	169
				74.54m-87.00m: f.g., strong chlorite-filled seams locally, ?fuchsite alteration, bx, moderate foliation at 45deg TCA locally, BLE, siliceous, diffuse contacts with porphyritic intervals, bx sections show strong Rx with cold HCl, pale blue qtz eyes locally to 2-3mm diameter.	531017	74.54	75.00	0.46	0.012	166
					531018	75.00	76.00	1.00	0.007	144
					531019	76.00	77.00	1.00	0.012	95
					531020	77.00	78.00	1.00	0.012	20
					531021	78.00	79.00	1.00	0.026	18
					531022	79.00	80.00	1.00	0.021	18
					531023	80.00	81.00	1.00	<0.005	15
					531024	81.00	82.00	1.00	<0.005	27
					531025	82.00	83.00	1.00	0.005	54
					531026	83.00	84.00	1.00	0.008	57
					531027	84.00	85.00	1.00	0.009	43
					531028	85.00	86.00	1.00	0.008	42
					531029	86.00	87.00	1.00	0.011	100
				87.00m-88.66m: porphyritic, massive, qtz-plag-phyric dyke complex.	531030	87.00	88.00	1.00	0.018	128
					531031	88.00	88.66	0.66	0.005	51
				88.66m-89.67m: f.g. BLE qtz-plag phyric, 10cm wide chloritic ?clast at end of interval, sericitic, trace level v.f.g. Py as aggregate disseminations.	531032	88.66	89.67	1.01	<0.005	46
				89.67m-93.64m: porphyritic appearance, as in 87.00m-88.66m, massive, brittle fracture, fracture planes typically at high angle TCA.	531033	89.67	91.00	1.33	0.009	61
					531034	91.00	92.00	1.00	0.015	81
					531035	92.00	93.00	1.00	<0.005	45
					531036	93.00	93.64	0.64	0.006	95

Rainy River Resources: Off Lake Project

OL10_04

From (m)	To (m)	Litho Code	Lithological Description	Comments	S/N	Assays			Au ppm	Cu ppm
						From	To	Interval		
			93.64m-93.93m: f.g. BLE appearance, diffuse upper and lower contacts, possible hairline fault.		531037	93.64	93.93	0.29	0.021	146
			93.93m-96.45m: porphyritic appearance, as in 89.67m-93.64m, tr level v.f.g. Py throughout.		531038	93.93	95.00	1.07	0.013	112
					531039	95.00	96.45	1.45	0.005	73
			96.45m-98.42m: as in 93.64m-93.93m, strong cb alteration, possible bx zone.		531041	96.45	97.50	1.05	0.261	17
					531042	97.50	98.42	0.92	0.03	38
			98.42m-99.12m: porphyritic appearance, chloritic 'clots' throughout interval.		531043	98.42	99.12	0.70	0.005	47
			99.12m-99.45m: f.g., BLE appearance.		531044	99.12	99.45	0.33	<0.005	7
			99.45m-99.76m: As in 98.42m-99.12m, porphyritic appearance.		531045	99.45	99.76	0.31	<0.005	<1
			99.76m-100.82m: v. strong chloritic alteration, f.g. throughout.		531046	99.76	100.82	1.06	0.035	322
			100.82m-107.18m: obvious chloritic clots throughout, trace level v.f.g. Py. cb-filled hairline fractures locally.		531047	100.82	102.00	1.18	<0.005	24
					531048	102.00	103.50	1.50	0.01	143
					531049	103.50	105.00	1.50	0.03	515
					531050	105.00	106.50	1.50	0.005	67
					531051	106.50	107.18	0.68	<0.005	81
			107.18m-111.60m: f.g. with moderate foliation (?shearing locally at 111.00m DHD, chlorite filling, increase of v.f.g. Py to 10% locally, possible fuchsite alt.		531052	107.18	108.00	0.82	<0.005	52
					531053	108.00	109.50	1.50	0.012	155
					531054	109.50	110.43	0.93	0.026	88
					531055	110.43	111.60	1.17	0.109	219
			111.60m-118.50m: porphyritic appearance, sericitic, possible bx, fuchsite.		531056	111.60	112.50	0.90	0.028	223
					531057	112.50	114.00	1.50	<0.005	98
					531058	114.00	115.50	1.50	0.012	111
					531059	115.50	117.00	1.50	0.01	223
					531060	117.00	118.50	1.50	<0.005	78
			118.50m-121.30m: v.f.g., BLE appearance, narrow bull qtz veinlets with sharp contacts locally, first indication of 2-3mm garnets locally, possible bx.		531061	118.50	120.00	1.50	<0.005	68
					531062	120.00	121.30	1.30	0.015	182
			121.30m-122.65m: speckled appearance, chl 'clots' as disseminations throughout, diffuse upper and lower contacts.		531063	121.30	122.00	0.70	0.009	117
					531064	122.00	122.65	0.65	0.005	72
			122.65m-123.70m: v.f.g., ?fuchsite alteration.		531065	122.65	123.70	1.05	0.009	123
			123.70m-146.18m: m.g. speckled appearance, minor hairline faults locally, associated chlorite, diffuse contacts, minor moderate foliation development locally, typically at 45deg TCA, v.f.g. Py as disseminations, trace levels.		531066	123.70	125.00	1.30	0.01	120
					531067	125.00	126.50	1.50	<0.005	46
					531068	126.50	128.00	1.50	<0.005	11
					531069	128.00	129.50	1.50	0.015	140
					531070	129.50	131.00	1.50	0.008	68
					531071	131.00	132.50	1.50	0.017	369
					531072	132.50	134.00	1.50	0.02	338
					531073	134.00	135.50	1.50	<0.005	43
					531074	135.50	137.00	1.50	0.005	90
					531075	137.00	138.50	1.50	0.015	159
					531076	138.50	140.00	1.50	<0.005	75

APPENDIX B

Off Lake Geology Legend and Diamond Drill Sections

OL10_01 (1:1 000)

OL10_02 (1:1 000)

OL10_03 (1:1 000)

OL10_04 (1:1 000)

OFF LAKE PROPERTY - Geology Legend

8 LATE TECTONIC GRANITOID PLUTONS

7 SYNTECTONIC GRANITOID PLUTONS

6 SYNVOLCANIC, METAMORPHOSED, QUARTZ- \pm -PLAGIOCLASE-PHYRIC, FELSIC INTRUSIONS

- 6a Off Lake Dike Complex: greenschist metamorphic grade
- 6b Off Lake Dike Complex: hornblende hornfels metamorphic grade
- 6c Buckhorn Point Intrusion
- 6d Potts Intrusion
- 6e Isolated dikes in metavolcanic and metasedimentary sequences

5 SYNVOLCANIC METAGABBRO

- 5a Equigranular
- 5b Megacrystic
- 5c Oikocrystic
- 5d Metapyroxinite

4 MATHER METASEDIMENTARY SEQUENCE

3 CLEARWATER LAKE FELSIC VOLCANIC SEQUENCE

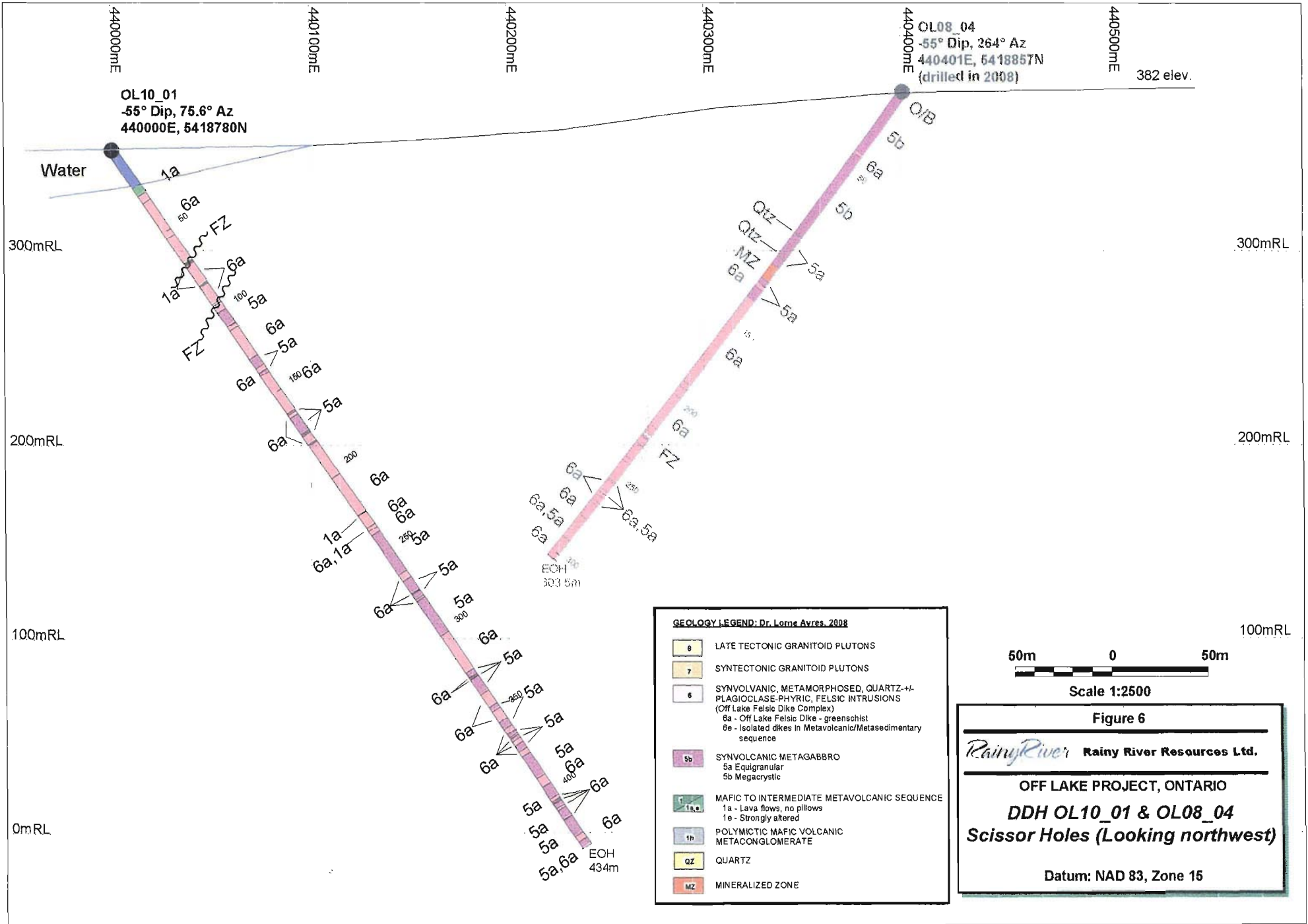
2 PINEWOOD LAKE FELSIC VOLCANIC SEQUENCE

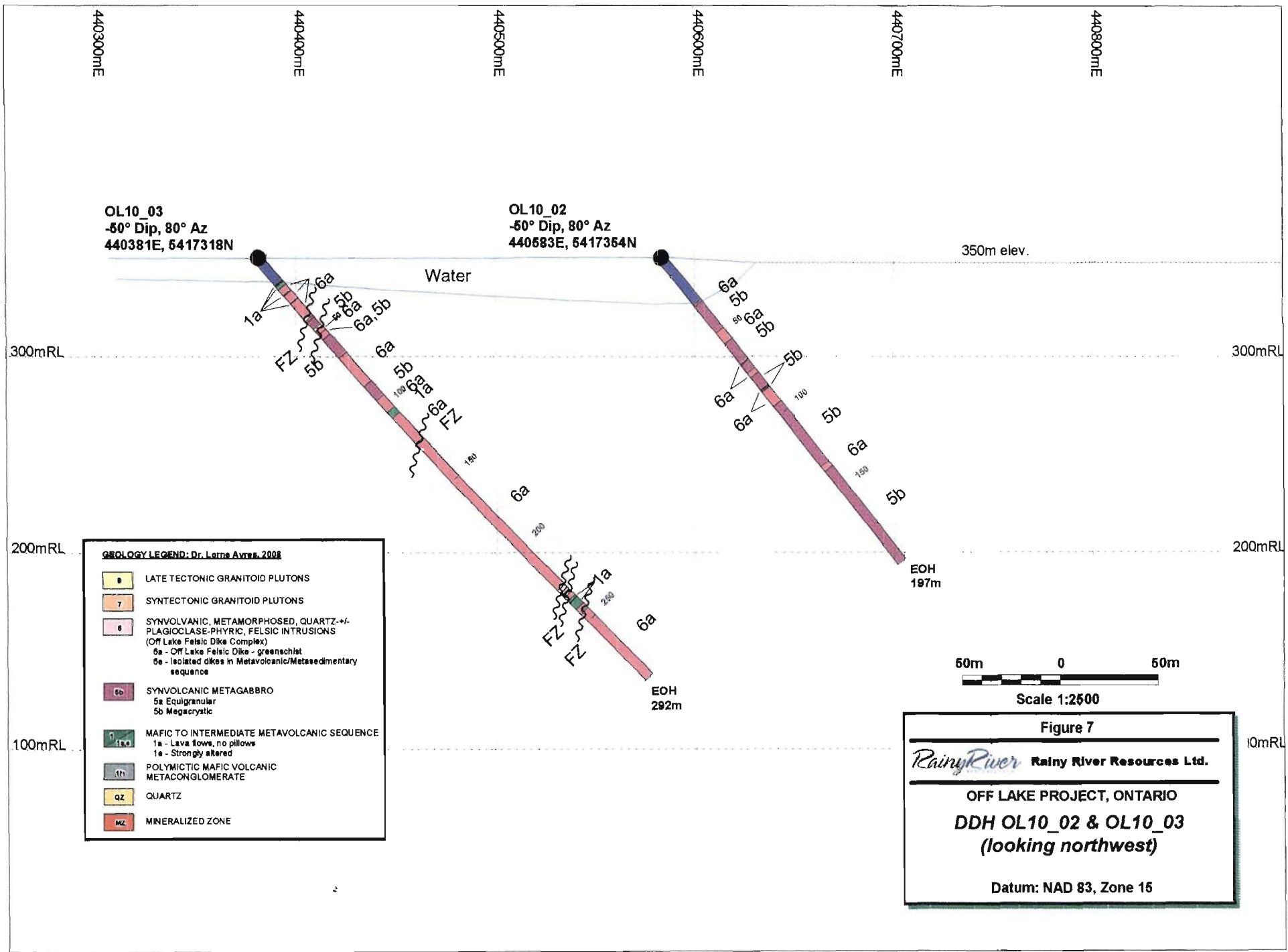
1 MAFIC TO INTERMEDIATE METAVOLCANIC SEQUENCE

- 1a Lava flows that lack pillows
- 1b Pillowed lava flows
- 1c Pillow breccia
- 1d Lapilli-tuff and tuff-breccia
- 1e Strongly altered
- 1f Iron Formation
- 1g Gneissic units: amphibolite metamorphic grade

Metasedimentary units

- 1h Polymictic, mafic volcanic, clast-supported, pebble to boulder
Metaconglomerate metabreccia





440300mE 440400mE 440500mE 440600mE 440700mE 440800mE

OL10_03
 -50° Dip, 80° Az
 440381E, 5417318N

OL10_02
 -50° Dip, 80° Az
 440683E, 5417354N

350m elev.

300mRL

200mRL

100mRL

GEOLOGY LEGEND: Dr. Lorne Avram, 2008

8	LATE TECTONIC GRANITOID PLUTONS
7	SYNTECTONIC GRANITOID PLUTONS
6	SYNVOLCANIC, METAMORPHOSED, QUARTZ +/- PLAGIOCLASE-PHYRIC, FELSIC INTRUSIONS (Off Lake Felsic Dike Complex) 6a - Off Lake Felsic Dike - greenschist 6b - Isolated dikes in Metavolcanic/Metasedimentary sequences
6b	SYNVOLCANIC METAGABBRO 6a Equigranular 6b Megacrystic
1a	MAFIC TO INTERMEDIATE METAVOLCANIC SEQUENCE 1a - Lava flows, no pillows 1a - Strongly altered
1b	POLYMICITIC MAFIC VOLCANIC METACONGLOMERATE
QZ	QUARTZ
MZ	MINERALIZED ZONE

50m 0 50m
 Scale 1:2500

Figure 7

Rainy River Rainy River Resources Ltd.

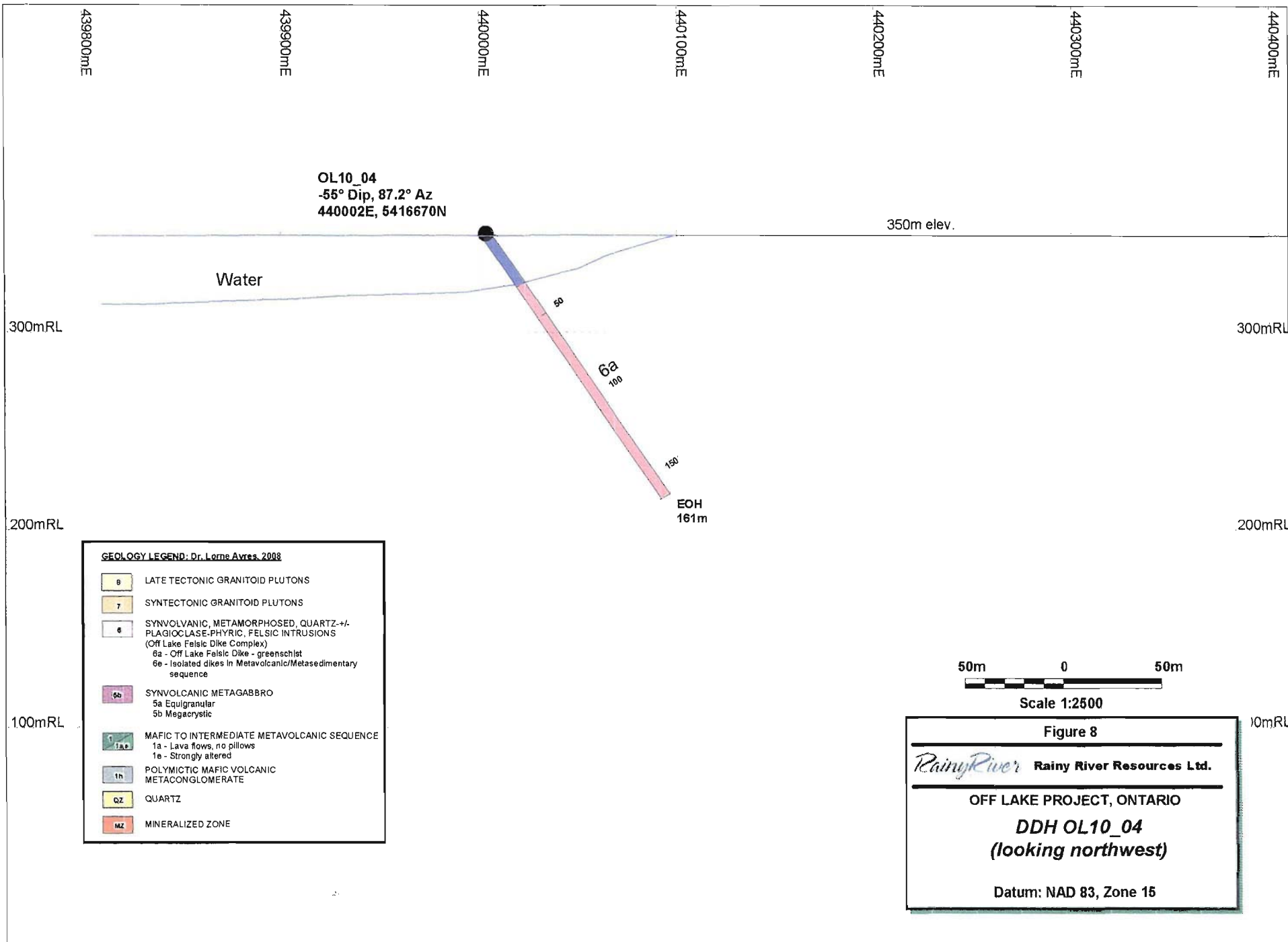
OFF LAKE PROJECT, ONTARIO
DDH OL10_02 & OL10_03
(looking northwest)

Datum: NAD 83, Zone 15

EOH
197m

EOH
292m

100mRL



APPENDIX C

ALS CHEMEX Assay Certificates



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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 1

Finalized Date: 26-FEB-2010

Account: RRR

CERTIFICATE TB10018027

Project: OFF LAKE

P.O. No.: DRILL HOLE OL10-04

This report is for 95 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-FEB-2010.

The following have access to data associated with this certificate:

STU AVERILL

CJ BAKER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
 ATTN: CJ BAKER
 P.O.BOX 5, 48 MARION STREET
 ECHO LAKES ESTATE
 EMO ON P0W 1E0

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



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Page: 2 - A

Total # Pages: 4 (A - C)

Finalized Date: 26-FEB-2010

Account: RRR

Project: OFF LAKE

CERTIFICATE OF ANALYSIS TB10018027

Sample Description	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
Method Analyte Units LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E:531001	2.11	0.016	0.3	0.96	4	<10	80	<0.5	<2	0.88	<0.5	9	14	319	1.30
E:531002	1.92	0.009	0.2	0.89	2	<10	90	<0.5	<2	0.52	<0.5	8	22	238	1.06
E:531003	2.01	0.007	0.2	0.81	3	<10	70	<0.5	<2	0.52	<0.5	7	19	238	0.91
E:531004	2.19	<0.005	<0.2	0.81	<2	<10	70	<0.5	<2	0.48	<0.5	6	18	89	0.95
E:531005	2.10	0.026	0.7	0.76	2	<10	80	<0.5	<2	0.36	<0.5	6	17	653	0.95
E:531006	2.00	<0.005	<0.2	1.02	<2	<10	120	<0.5	<2	0.56	<0.5	8	25	28	1.26
E:531007	2.00	<0.005	<0.2	1.00	2	<10	120	<0.5	<2	0.46	<0.5	8	22	29	1.22
E:531008	2.02	<0.005	<0.2	0.95	3	<10	100	<0.5	<2	0.57	<0.5	7	21	13	1.11
E:531009	2.04	0.005	<0.2	1.04	2	<10	120	<0.5	<2	0.73	<0.5	8	20	186	1.33
E:531010	1.96	0.015	0.2	0.92	<2	<10	90	<0.5	<2	0.76	<0.5	6	24	185	1.37
E:531011	2.18	0.014	0.2	1.11	<2	<10	100	<0.5	<2	0.95	<0.5	7	19	248	1.52
E:531012	1.81	0.020	0.6	1.05	3	<10	130	<0.5	<2	1.16	<0.5	8	24	406	1.56
E:531013	1.83	0.011	0.3	1.01	2	<10	130	<0.5	<2	0.89	<0.5	7	21	234	1.40
E:531014	1.84	0.006	<0.2	1.03	3	<10	110	<0.5	<2	0.99	<0.5	7	22	140	1.35
E:531015	2.40	0.006	<0.2	1.03	2	<10	140	<0.5	<2	0.76	<0.5	7	22	112	1.39
E:531016	1.05	0.013	0.2	0.97	2	<10	110	<0.5	<2	0.93	<0.5	6	18	169	1.22
E:531017	0.89	0.012	<0.2	0.97	2	<10	100	<0.5	<2	0.61	<0.5	5	15	166	1.15
E:531018	2.02	0.007	<0.2	1.16	2	<10	90	<0.5	<2	0.69	<0.5	7	15	144	1.32
E:531019	1.93	0.012	<0.2	1.28	3	<10	50	<0.5	<2	0.52	<0.5	8	15	95	1.64
E:531020	1.82	0.012	<0.2	1.63	5	<10	50	<0.5	<2	0.50	<0.5	11	11	20	2.58
E:531021	2.02	0.026	<0.2	1.76	3	<10	40	<0.5	<2	0.71	<0.5	9	12	18	2.50
E:531022	2.33	0.021	<0.2	1.65	4	<10	30	<0.5	<2	4.44	<0.5	8	9	18	2.19
E:531023	2.01	<0.005	<0.2	1.44	5	<10	40	<0.5	<2	0.80	<0.5	5	9	15	1.64
E:531024	2.01	<0.005	<0.2	1.55	4	<10	50	<0.5	<2	0.92	<0.5	7	14	27	1.66
E:531025	2.28	0.005	<0.2	1.56	2	<10	40	<0.5	<2	0.40	<0.5	6	13	54	1.83
E:531026	1.66	0.008	<0.2	1.21	2	<10	50	<0.5	<2	0.49	<0.5	8	13	57	1.47
E:531027	2.33	0.009	<0.2	1.06	3	<10	80	<0.5	<2	0.77	<0.5	11	17	43	1.40
E:531028	2.19	0.008	<0.2	1.73	3	<10	60	<0.5	<2	0.46	<0.5	10	13	42	2.02
E:531029	1.96	0.011	<0.2	0.93	2	<10	120	<0.5	<2	0.73	<0.5	9	21	100	1.24
E:531030	2.05	0.018	<0.2	0.97	<2	<10	140	<0.5	<2	0.87	<0.5	8	21	128	1.39
E:531031	1.33	0.005	<0.2	1.14	<2	<10	100	<0.5	<2	0.90	<0.5	8	17	51	1.49
E:531032	2.16	<0.005	<0.2	1.01	3	<10	110	<0.5	<2	0.86	<0.5	7	20	46	1.35
E:531033	2.64	0.009	<0.2	0.97	<2	<10	110	<0.5	<2	0.84	<0.5	7	22	61	1.36
E:531034	2.34	0.015	<0.2	0.91	<2	<10	100	<0.5	<2	0.83	<0.5	7	21	81	1.28
E:531035	1.95	<0.005	<0.2	0.97	2	<10	120	<0.5	<2	0.73	<0.5	7	23	45	1.31
E:531036	1.29	0.006	<0.2	0.89	<2	<10	110	<0.5	<2	0.75	<0.5	6	19	95	1.22
E:531037	0.68	0.021	0.2	0.81	3	<10	90	<0.5	<2	0.77	<0.5	8	10	146	1.07
E:531038	2.21	0.013	<0.2	1.41	3	<10	180	<0.5	<2	0.74	<0.5	11	16	112	2.12
E:531039	2.39	0.005	<0.2	0.87	2	<10	120	<0.5	<2	0.74	<0.5	7	20	73	1.23
E:531040	0.09	1.325	0.2	1.20	4	<10	70	0.6	<2	0.50	<0.5	15	43	22	4.81



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Page: 2 - B

Total # Pages: 4 (A - C)

Finalized Date: 26-FEB-2010

Account: RRR

Project: OFF LAKE

CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E:531001		<10	<1	0.60	10	0.77	239	24	0.04	16	410	<2	0.29	<2	1	44
E:531002		<10	<1	0.62	10	0.68	154	2	0.05	17	440	3	0.06	<2	1	59
E:531003		<10	<1	0.55	10	0.64	143	11	0.04	14	430	2	0.07	<2	1	54
E:531004		<10	<1	0.53	10	0.62	146	9	0.04	14	410	2	0.04	<2	1	56
E:531005		<10	<1	0.52	20	0.58	117	1	0.04	14	470	<2	0.09	<2	1	41
E:531006		<10	<1	0.69	20	0.83	182	2	0.04	19	550	<2	0.06	<2	1	64
E:531007		<10	<1	0.71	20	0.80	169	1	0.04	18	520	2	0.06	<2	1	58
E:531008		<10	<1	0.65	20	0.74	171	<1	0.04	18	520	<2	0.02	<2	1	61
E:531009		<10	<1	0.67	20	0.82	192	1	0.04	18	520	<2	0.08	<2	1	67
E:531010		<10	<1	0.56	20	0.71	284	25	0.04	15	490	<2	0.11	<2	1	49
E:531011		<10	<1	0.63	20	0.86	323	16	0.05	17	540	<2	0.12	<2	1	57
E:531012		<10	<1	0.57	20	0.83	232	3	0.05	19	540	2	0.09	<2	1	63
E:531013		<10	<1	0.49	20	0.80	198	21	0.04	18	540	<2	0.07	<2	1	61
E:531014		<10	<1	0.50	20	0.80	225	3	0.05	17	530	2	0.05	<2	1	74
E:531015		<10	<1	0.56	20	0.80	215	2	0.05	17	530	<2	0.05	<2	1	67
E:531016		<10	<1	0.61	20	0.75	262	5	0.04	16	500	2	0.07	<2	1	59
E:531017		<10	<1	0.65	20	0.79	226	52	0.03	18	550	2	0.07	<2	1	51
E:531018		<10	<1	0.72	20	0.96	302	15	0.03	15	480	2	0.14	<2	<1	56
E:531019		<10	<1	0.58	20	1.18	478	20	0.03	14	530	<2	0.28	<2	1	32
E:531020		<10	<1	0.62	30	1.52	669	6	0.01	19	730	3	1.10	<2	<1	28
E:531021		<10	<1	0.45	20	1.79	964	2	0.01	17	460	2	0.89	<2	<1	33
E:531022		<10	<1	0.44	20	1.84	2290	3	0.01	15	450	<2	0.89	<2	1	102
E:531023		<10	<1	0.43	20	1.40	751	2	0.01	15	430	<2	0.46	<2	<1	40
E:531024		<10	<1	0.47	20	1.50	784	1	0.02	17	520	<2	0.34	<2	<1	47
E:531025		<10	<1	0.57	20	1.42	629	23	0.02	17	540	<2	0.28	<2	<1	33
E:531026		<10	<1	0.52	20	1.06	476	14	0.02	16	460	<2	0.31	<2	<1	32
E:531027		<10	<1	0.57	30	0.85	433	6	0.04	18	550	2	0.47	<2	1	58
E:531028		<10	<1	0.54	20	1.65	647	78	0.02	17	440	<2	0.41	<2	<1	43
E:531029		<10	<1	0.65	20	0.75	344	2	0.04	17	470	<2	0.21	<2	1	62
E:531030		<10	<1	0.67	20	0.77	317	15	0.04	17	470	2	0.14	<2	1	56
E:531031		<10	<1	0.64	20	0.94	360	3	0.03	19	520	<2	0.22	<2	1	47
E:531032		<10	<1	0.55	20	0.75	281	1	0.05	16	480	2	0.09	<2	1	64
E:531033		<10	<1	0.59	20	0.74	236	1	0.04	16	480	2	0.05	<2	1	63
E:531034		<10	<1	0.54	20	0.69	228	1	0.04	15	450	<2	0.05	<2	1	63
E:531035		<10	<1	0.61	20	0.74	208	1	0.04	17	490	2	0.04	<2	1	60
E:531036		<10	<1	0.52	20	0.67	200	15	0.04	16	460	<2	0.06	<2	1	57
E:531037		<10	<1	0.47	20	0.62	181	23	0.02	13	610	<2	0.23	<2	1	39
E:531038		10	<1	0.74	30	1.13	250	5	0.05	17	850	3	0.07	<2	1	91
E:531039		<10	<1	0.47	20	0.67	231	9	0.04	15	460	2	0.10	<2	1	55
E:531040		<10	<1	0.31	10	1.16	330	1	0.50	53	790	57	3.00	<2	1	116



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Page: 2 - C
Total # Pages: 4 (A - C)
Finalized Date: 26-FEB-2010
Account: RRR

Project: OFF LAKE

CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531001		<20	0.08	<10	<10	11	<10	33
E:531002		<20	0.10	<10	<10	14	<10	32
E:531003		<20	0.09	<10	<10	13	<10	29
E:531004		<20	0.10	<10	<10	13	<10	31
E:531005		<20	0.08	<10	<10	12	<10	26
E:531006		<20	0.11	<10	<10	17	<10	38
E:531007		<20	0.12	<10	<10	18	<10	38
E:531008		<20	0.11	<10	<10	16	<10	34
E:531009		<20	0.11	<10	<10	17	<10	43
E:531010		<20	0.09	<10	<10	16	<10	41
E:531011		<20	0.10	<10	<10	17	<10	46
E:531012		<20	0.10	<10	<10	20	<10	43
E:531013		<20	0.10	<10	<10	17	<10	39
E:531014		<20	0.10	<10	<10	16	<10	39
E:531015		<20	0.10	<10	<10	18	<10	40
E:531016		<20	0.09	<10	<10	12	<10	37
E:531017		<20	0.09	<10	<10	11	<10	38
E:531018		<20	0.09	<10	<10	11	<10	45
E:531019		<20	0.08	<10	<10	12	<10	58
E:531020		<20	0.07	<10	<10	8	<10	69
E:531021		<20	0.06	<10	<10	12	10	76
E:531022		<20	0.05	<10	<10	8	20	65
E:531023		<20	0.05	<10	<10	6	<10	56
E:531024		<20	0.06	<10	<10	8	<10	61
E:531025		<20	0.07	<10	<10	8	<10	61
E:531026		<20	0.06	<10	<10	7	<10	45
E:531027		<20	0.08	<10	<10	12	<10	37
E:531028		<20	0.07	<10	<10	9	<10	65
E:531029		<20	0.10	<10	<10	16	<10	35
E:531030		<20	0.10	<10	<10	20	<10	37
E:531031		<20	0.09	<10	<10	14	<10	43
E:531032		<20	0.10	<10	<10	16	<10	38
E:531033		<20	0.11	<10	<10	17	<10	40
E:531034		<20	0.10	<10	<10	16	<10	37
E:531035		<20	0.11	<10	<10	17	<10	39
E:531036		<20	0.09	<10	<10	15	<10	34
E:531037		<20	0.06	<10	<10	8	<10	28
E:531038		<20	0.13	<10	<10	45	<10	56
E:531039		<20	0.09	<10	<10	16	<10	32
E:531040		<20	0.28	<10	<10	35	<10	43



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CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E:531041		2.23	0.261	<0.2	0.92	4	<10	50	<0.5	<2	0.78	<0.5	6	11	17	1.11
E:531042		2.44	0.030	<0.2	1.05	5	<10	70	<0.5	<2	0.79	<0.5	8	12	38	1.33
E:531043		1.41	0.005	<0.2	1.03	2	<10	150	<0.5	<2	0.81	<0.5	9	23	47	1.48
E:531044		0.54	<0.005	<0.2	0.99	2	<10	100	<0.5	<2	0.64	<0.5	8	28	7	1.47
E:531045		0.63	<0.005	<0.2	1.06	<2	<10	140	<0.5	<2	0.84	<0.5	7	23	<1	1.51
E:531046		2.00	0.035	0.4	1.86	4	<10	220	<0.5	<2	1.41	<0.5	13	5	322	3.03
E:531047		2.49	<0.005	<0.2	1.14	2	<10	130	<0.5	<2	1.03	<0.5	8	21	24	1.51
E:531048		3.13	0.010	0.2	1.08	<2	<10	130	<0.5	<2	0.81	<0.5	9	24	143	1.36
E:531049		2.88	0.030	1.4	1.24	4	<10	140	<0.5	3	0.68	<0.5	11	20	515	1.59
E:531050		2.50	0.005	<0.2	1.07	2	<10	100	<0.5	<2	0.59	<0.5	9	23	67	1.35
E:531051		1.31	<0.005	<0.2	0.93	<2	<10	50	<0.5	<2	0.96	<0.5	9	23	81	1.42
E:531052		1.47	<0.005	<0.2	0.85	3	<10	50	<0.5	<2	0.80	<0.5	9	23	52	1.33
E:531053		2.98	0.012	0.2	0.97	3	<10	90	<0.5	<2	1.09	<0.5	10	24	155	1.36
E:531054		1.92	0.026	<0.2	1.21	2	<10	150	<0.5	<2	0.80	<0.5	8	20	88	1.53
E:531055		2.36	0.109	0.4	1.21	6	<10	80	<0.5	<2	1.26	2.4	12	11	219	2.68
E:531056		1.89	0.028	0.3	1.02	2	<10	140	<0.5	<2	0.79	<0.5	6	20	223	1.33
E:531057		3.07	<0.005	<0.2	1.34	3	<10	150	<0.5	<2	1.06	<0.5	9	61	98	1.90
E:531058		2.83	0.012	<0.2	1.09	2	<10	140	<0.5	<2	1.16	<0.5	8	25	111	1.50
E:531059		2.91	0.010	0.4	1.08	<2	<10	120	<0.5	<2	1.61	<0.5	8	28	223	1.69
E:531060		2.83	<0.005	<0.2	1.10	3	<10	120	<0.5	<2	1.09	<0.5	8	25	78	1.62
E:531061		2.76	<0.005	<0.2	0.93	2	<10	60	<0.5	<2	1.07	<0.5	7	24	68	1.43
E:531062		2.15	0.015	<0.2	1.02	<2	<10	70	<0.5	<2	1.37	<0.5	8	24	182	1.58
E:531063		1.56	0.009	<0.2	1.02	<2	<10	130	<0.5	<2	0.97	<0.5	6	24	117	1.45
E:531064		1.02	0.005	<0.2	0.94	2	<10	120	<0.5	<2	1.02	<0.5	7	23	72	1.26
E:531065		2.09	0.009	0.2	0.83	2	<10	60	<0.5	<2	0.75	<0.5	4	12	123	1.02
E:531066		3.15	0.010	0.2	0.95	<2	<10	100	<0.5	<2	1.08	<0.5	6	19	120	1.23
E:531067		2.91	<0.005	<0.2	1.02	<2	<10	120	<0.5	<2	1.02	<0.5	9	36	46	1.50
E:531068		3.19	<0.005	<0.2	0.95	<2	<10	110	<0.5	<2	1.21	<0.5	7	21	11	1.28
E:531069		2.93	0.015	0.2	1.32	2	<10	110	<0.5	<2	0.74	<0.5	10	19	140	1.86
E:531070		2.99	0.008	<0.2	1.08	2	<10	140	<0.5	<2	0.80	<0.5	7	20	68	1.40
E:531071		2.84	0.017	0.8	1.38	2	<10	100	<0.5	<2	0.55	<0.5	10	21	369	2.31
E:531072		3.11	0.020	0.7	1.28	2	<10	100	<0.5	<2	0.97	<0.5	9	21	338	1.96
E:531073		3.21	<0.005	<0.2	0.93	<2	<10	60	<0.5	<2	1.11	<0.5	6	16	43	1.29
E:531074		2.97	0.005	0.2	1.20	<2	<10	90	<0.5	<2	1.06	<0.5	8	15	90	1.70
E:531075		2.93	0.015	0.3	0.93	3	<10	100	<0.5	<2	1.19	<0.5	7	18	159	1.26
E:531076		2.94	<0.005	0.2	0.89	<2	<10	100	<0.5	<2	1.00	<0.5	6	17	75	1.13
E:531077		2.97	0.009	0.3	1.00	<2	<10	120	<0.5	<2	1.23	<0.5	7	21	148	1.45
E:531078		2.99	0.012	0.3	1.10	<2	<10	130	<0.5	<2	0.91	<0.5	14	23	237	1.81
E:531079		2.92	0.005	<0.2	1.12	3	<10	100	<0.5	<2	0.96	<0.5	9	20	75	1.66
E:531080		0.63	0.006	<0.2	0.68	3	<10	110	<0.5	<2	1.15	<0.5	9	115	29	2.25



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CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E531041		<10	<1	0.38	20	0.77	284	3	0.02	12	530	<2	0.34	<2	<1	44
E531042		<10	<1	0.52	20	0.84	304	3	0.02	17	520	<2	0.53	<2	1	45
E531043		<10	<1	0.54	20	0.84	257	2	0.04	18	530	2	0.11	<2	1	67
E531044		<10	<1	0.39	20	0.86	222	1	0.04	18	540	2	0.07	<2	1	75
E531045		<10	<1	0.62	20	0.86	227	3	0.05	18	530	<2	0.05	<2	1	71
E531046		10	1	1.26	60	1.45	357	3	0.05	8	1690	3	0.06	<2	2	159
E531047		<10	<1	0.78	20	0.89	229	2	0.05	18	660	<2	0.02	<2	1	82
E531048		<10	<1	0.70	20	0.85	193	3	0.05	18	540	2	0.04	<2	1	69
E531049		<10	<1	0.79	30	1.00	222	5	0.05	19	760	4	0.08	<2	1	76
E531050		<10	<1	0.53	20	0.90	214	<1	0.05	19	550	3	0.02	<2	1	76
E531051		10	<1	0.09	20	0.90	239	1	0.04	19	540	2	0.03	<2	1	92
E531052		10	<1	0.08	20	0.83	223	2	0.04	19	540	2	0.05	<2	1	85
E531053		<10	<1	0.38	20	0.83	260	14	0.05	18	530	<2	0.06	<2	1	80
E531054		<10	<1	0.79	20	0.96	325	1	0.05	20	630	2	0.12	<2	1	74
E531055		<10	<1	0.66	20	1.08	471	102	0.03	19	470	3	1.85	<2	1	48
E531056		<10	<1	0.69	20	0.78	286	16	0.04	17	510	2	0.11	<2	1	59
E531057		10	<1	0.88	20	1.10	313	2	0.05	29	540	2	0.08	<2	1	65
E531058		<10	<1	0.68	20	0.80	231	1	0.05	18	520	2	0.07	<2	1	81
E531059		<10	<1	0.65	20	0.82	282	2	0.05	20	530	2	0.06	<2	1	71
E531060		10	<1	0.64	20	0.86	223	6	0.05	19	570	2	0.04	<2	1	79
E531061		<10	<1	0.19	20	0.81	241	4	0.04	18	520	2	0.03	<2	1	82
E531062		10	<1	0.25	20	0.90	282	5	0.04	19	550	<2	0.05	<2	1	90
E531063		<10	<1	0.58	10	0.78	224	4	0.05	17	520	<2	0.06	<2	1	70
E531064		<10	<1	0.52	10	0.70	206	2	0.04	15	490	<2	0.05	<2	1	60
E531065		<10	<1	0.24	10	0.63	181	4	0.04	14	480	<2	0.04	<2	1	70
E531066		<10	<1	0.50	10	0.70	236	2	0.04	15	490	2	0.05	<2	1	63
E531067		<10	<1	0.55	10	0.75	242	1	0.05	20	510	2	0.05	<2	1	65
E531068		<10	<1	0.48	10	0.69	279	<1	0.05	14	510	<2	0.04	<2	1	74
E531069		<10	<1	0.60	20	1.10	384	8	0.04	20	530	<2	0.30	<2	1	61
E531070		<10	<1	0.55	20	0.81	339	4	0.05	18	540	<2	0.12	<2	1	69
E531071		10	<1	0.70	20	1.13	388	14	0.04	21	560	2	0.60	<2	1	45
E531072		10	<1	0.55	20	1.06	483	21	0.04	20	530	<2	0.31	<2	1	56
E531073		<10	<1	0.24	10	0.72	366	1	0.05	13	470	<2	0.10	<2	1	65
E531074		<10	<1	0.53	20	0.94	394	2	0.05	18	480	4	0.18	<2	1	50
E531075		<10	<1	0.45	10	0.66	267	2	0.06	15	490	2	0.08	<2	1	67
E531076		<10	<1	0.46	20	0.65	220	32	0.06	14	470	2	0.08	<2	1	63
E531077		<10	<1	0.53	20	0.73	274	4	0.06	16	510	2	0.05	<2	1	71
E531078		<10	<1	0.61	20	0.81	296	8	0.06	18	520	2	0.33	<2	1	60
E531079		<10	<1	0.66	20	0.85	337	1	0.05	17	540	<2	0.24	<2	1	50
E531080		<10	<1	0.39	70	0.69	261	<1	0.10	31	2700	3	<0.01	<2	2	156



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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Tl	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10
E531041		<20	0.06	<10	<10	7	<10
E531042		<20	0.06	<10	<10	8	<10
E531043		<20	0.11	<10	<10	22	<10
E531044		<20	0.11	<10	<10	22	<10
E531045		<20	0.12	<10	<10	24	<10
E531046		<20	0.17	<10	<10	64	<10
E531047		<20	0.13	<10	<10	25	<10
E531048		<20	0.13	<10	<10	21	<10
E531049		<20	0.13	<10	<10	28	<10
E531050		<20	0.12	<10	<10	23	<10
E531051		<20	0.10	<10	<10	21	<10
E531052		<20	0.09	<10	<10	19	<10
E531053		<20	0.11	<10	<10	20	<10
E531054		<20	0.12	<10	<10	24	<10
E531055		<20	0.07	<10	<10	12	<10
E531056		<20	0.11	<10	<10	18	<10
E531057		<20	0.14	<10	<10	27	<10
E531058		<20	0.13	<10	<10	21	<10
E531059		<20	0.12	<10	<10	23	<10
E531060		<20	0.13	<10	<10	24	<10
E531061		<20	0.10	<10	<10	19	<10
E531062		<20	0.10	<10	<10	21	<10
E531063		<20	0.11	<10	<10	21	<10
E531064		<20	0.11	<10	<10	17	<10
E531065		<20	0.07	<10	<10	10	<10
E531066		<20	0.10	<10	<10	15	<10
E531067		<20	0.11	<10	<10	23	<10
E531068		<20	0.11	<10	<10	18	<10
E531069		<20	0.10	<10	<10	16	<10
E531070		<20	0.11	<10	<10	17	<10
E531071		<20	0.11	<10	<10	20	<10
E531072		<20	0.09	<10	<10	19	<10
E531073		<20	0.07	<10	<10	13	<10
E531074		<20	0.09	<10	<10	15	<10
E531075		<20	0.09	<10	<10	15	<10
E531076		<20	0.09	<10	<10	13	<10
E531077		<20	0.11	<10	<10	18	<10
E531078		<20	0.11	<10	<10	20	<10
E531079		<20	0.10	<10	<10	17	<10
E531080		<20	0.15	<10	<10	58	<10



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CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E:531081		2.12	<0.005	<0.2	1.04	<2	<10	120	<0.5	<2	0.85	<0.5	7	20	58	1.30
E:531082		1.28	<0.005	<0.2	0.84	2	<10	90	<0.5	<2	0.50	<0.5	6	15	18	1.02
E:531083		1.41	0.008	0.3	2.20	4	<10	270	<0.5	<2	1.02	<0.5	14	23	213	2.86
E:531084		1.62	0.014	0.4	2.29	2	<10	290	<0.5	<2	0.91	<0.5	16	24	348	2.82
E:531085		2.51	<0.005	<0.2	0.94	3	<10	120	<0.5	<2	0.67	<0.5	8	17	55	1.10
E:531086		3.02	<0.005	<0.2	0.96	2	<10	100	<0.5	<2	0.55	<0.5	7	16	32	1.07
E:531087		3.17	<0.005	0.2	0.97	2	<10	110	<0.5	<2	0.77	<0.5	7	18	45	1.14
E:531088		2.93	<0.005	<0.2	1.00	2	<10	110	<0.5	<2	0.78	<0.5	8	17	37	1.21
E:531089		2.96	<0.005	<0.2	1.00	<2	<10	110	<0.5	<2	0.82	<0.5	8	18	36	1.25
E:531090		3.12	<0.005	<0.2	0.95	<2	<10	110	<0.5	<2	0.97	<0.5	7	16	9	1.15
E:531091		1.97	<0.005	<0.2	0.96	2	<10	120	<0.5	<2	0.73	<0.5	7	16	6	1.27
E:531092		1.46	<0.005	<0.2	0.90	2	<10	110	<0.5	<2	1.53	<0.5	7	15	15	1.12
E:531093		1.55	<0.005	<0.2	2.69	2	<10	490	0.6	<2	1.01	<0.5	23	98	41	3.22
E:531094		1.49	<0.005	<0.2	0.78	2	<10	90	<0.5	<2	0.75	<0.5	6	12	12	0.94
E:531095		2.07	<0.005	<0.2	0.84	3	<10	90	<0.5	<2	0.77	<0.5	6	13	8	0.98



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North Vancouver BC V7H 0A7

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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 4 - B

Total # Pages: 4 (A - C)

Finalized Date: 26-FEB-2010

Account: RRR

Project: OFF LAKE

CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E:531081		<10	<1	0.65	10	0.77	201	33	0.06	16	520	<2	0.04	<2	1	72
E:531082		<10	<1	0.51	10	0.61	144	1	0.05	13	440	<2	0.02	<2	1	54
E:531083		10	<1	1.59	60	1.86	380	7	0.06	19	1560	3	0.04	<2	2	110
E:531084		10	<1	1.62	60	1.93	353	10	0.06	17	1540	3	0.05	<2	2	134
E:531085		<10	<1	0.57	10	0.67	180	1	0.06	13	470	<2	0.04	<2	1	66
E:531086		<10	<1	0.58	10	0.69	150	86	0.06	14	480	<2	0.04	<2	1	69
E:531087		<10	<1	0.60	10	0.69	158	1	0.06	15	500	<2	0.04	<2	1	72
E:531088		<10	<1	0.56	10	0.72	148	3	0.06	15	510	<2	0.04	<2	1	77
E:531089		<10	<1	0.60	20	0.71	154	29	0.06	15	500	<2	0.05	<2	1	72
E:531090		<10	<1	0.59	10	0.65	185	<1	0.06	14	480	<2	0.05	<2	1	70
E:531091		<10	<1	0.60	10	0.69	182	15	0.06	13	460	<2	0.05	<2	1	66
E:531092		<10	<1	0.56	10	0.65	303	<1	0.05	11	470	<2	0.12	<2	1	70
E:531093		10	<1	1.90	40	2.56	557	<1	0.06	63	1640	3	0.08	<2	2	122
E:531094		<10	<1	0.49	10	0.53	177	<1	0.06	10	410	<2	0.04	<2	1	61
E:531095		<10	<1	0.52	10	0.57	177	<1	0.06	11	420	<2	0.02	<2	1	68



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Total # Pages: 4 (A - C)

Finalized Date: 26-FEB-2010

Account: RRR

Project: OFF LAKE

CERTIFICATE OF ANALYSIS TB10018027

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10
E531081		<20	0.11	<10	<10	19	<10
E531082		<20	0.10	<10	<10	15	<10
E531083		<20	0.18	<10	<10	82	<10
E531084		<20	0.18	<10	<10	83	<10
E531085		<20	0.11	<10	<10	16	<10
E531086		<20	0.10	<10	<10	16	<10
E531087		<20	0.11	<10	<10	15	<10
E531088		<20	0.11	<10	<10	17	<10
E531089		<20	0.11	<10	<10	17	<10
E531090		<20	0.10	<10	<10	14	<10
E531091		<20	0.11	<10	<10	20	<10
E531092		<20	0.09	<10	<10	13	<10
E531093		<20	0.26	<10	<10	72	<10
E531094		<20	0.09	<10	<10	12	<10
E531095		<20	0.10	<10	<10	12	<10



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VANCOUVER BC V6J 1V4

Page: 1
Finalized Date: 3-MAR-2010
Account: RRR

CERTIFICATE TB10020483

Project: Off Lake

P.O. No.: DDH OL10-03

This report is for 108 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-FEB-2010.

The following have access to data associated with this certificate:

STU AVERILL

CJ BAKER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying


ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
ATTN: CJ BAKER
P.O.BOX 5, 48 MARION STREET
ECHO LAKES ESTATE
EMO ON P0W 1E0

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



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Page: 2 - A

Total # Pages: 4 (A - C)

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Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531096		0.92	<0.005	<0.2	1.46	<2	<10	130	<0.5	<2	1.82	<0.5	29	18	195	9.24
E531097		0.40	<0.005	<0.2	0.82	3	<10	80	<0.5	<2	0.78	<0.5	6	11	2	1.04
E531098		2.30	0.021	1.6	0.92	<2	<10	50	<0.5	2	1.12	<0.5	43	1	1035	9.99
E531099		1.62	0.031	2.6	1.20	2	<10	90	<0.5	3	1.48	<0.5	38	1	1215	8.98
E531100		2.51	0.023	2.4	1.34	<2	<10	40	<0.5	6	0.68	<0.5	30	8	1545	5.68
E531101		2.96	<0.005	0.3	0.67	<2	<10	80	<0.5	<2	0.91	<0.5	5	11	213	1.86
E531102		2.62	0.014	1.3	0.66	<2	<10	50	<0.5	<2	0.87	<0.5	8	13	866	2.11
E531103		1.06	0.021	1.5	1.64	<2	<10	110	<0.5	<2	1.93	<0.5	21	2	1040	10.90
E531104		2.45	0.053	4.8	1.30	<2	<10	20	<0.5	<2	2.65	<0.5	32	2	2800	9.82
E531105		3.55	0.026	2.3	1.05	4	<10	30	<0.5	<2	1.94	<0.5	36	2	1365	9.65
E531106		2.08	0.010	0.9	0.79	<2	<10	20	<0.5	<2	1.58	<0.5	33	2	630	9.56
E531107		2.75	0.013	1.1	0.75	<2	<10	10	<0.5	<2	1.83	<0.5	21	2	754	9.38
E531108		0.22	0.029	1.8	0.90	<2	<10	20	<0.5	<2	1.08	<0.5	50	3	1365	9.90
E531109		3.50	0.022	1.7	0.93	<2	<10	10	<0.5	<2	1.08	<0.5	38	2	1255	10.50
E531110		3.29	0.054	4.3	0.89	2	<10	20	<0.5	<2	1.21	<0.5	81	2	2970	10.15
E531111		3.27	0.022	1.8	1.07	<2	<10	10	<0.5	2	1.40	<0.5	34	4	1450	9.63
E531112		3.08	0.016	1.0	1.21	<2	<10	10	<0.5	<2	1.65	<0.5	33	2	945	10.10
E531113		2.52	<0.005	0.2	0.72	<2	<10	10	<0.5	<2	0.95	<0.5	10	10	308	3.40
E531114		1.93	<0.005	<0.2	0.66	<2	<10	10	<0.5	2	0.70	<0.5	6	12	254	1.59
E531115		0.88	<0.005	0.2	0.91	<2	<10	<10	<0.5	<2	3.25	<0.5	14	18	58	2.04
E531116		1.00	0.005	0.2	2.35	<2	<10	<10	<0.5	<2	3.72	<0.5	15	276	63	3.96
E531117		2.01	<0.005	<0.2	5.99	<2	<10	<10	<0.5	<2	6.69	<0.5	30	1050	21	8.03
E531118		2.32	0.058	1.5	1.60	<2	<10	<10	<0.5	<2	2.90	<0.5	37	14	2110	9.18
E531119		2.36	0.012	0.4	1.40	<2	<10	10	<0.5	<2	1.94	<0.5	26	2	428	7.20
E531120		0.07	4.07	0.2	1.21	4	<10	70	0.7	2	0.56	<0.5	15	40	23	5.19
E531121		3.30	0.011	0.4	1.31	<2	<10	20	<0.5	<2	1.46	<0.5	30	3	383	7.03
E531122		2.74	0.011	0.3	1.35	<2	<10	40	<0.5	<2	1.82	<0.5	26	2	289	5.96
E531123		2.82	0.032	0.8	1.70	<2	<10	60	<0.5	<2	1.80	<0.5	25	3	797	6.56
E531124		2.12	<0.005	0.4	3.89	<2	<10	<10	<0.5	<2	5.76	<0.5	22	675	286	5.38
E531125		2.77	0.016	1.8	0.67	<2	<10	60	<0.5	4	0.99	<0.5	7	12	556	1.39
E531126		2.31	0.045	1.9	0.83	<2	<10	20	<0.5	3	1.34	<0.5	38	8	1850	3.86
E531127		2.24	0.158	8.0	0.95	<2	<10	10	<0.5	<2	1.40	<0.5	93	2	7110	9.18
E531128		3.27	0.083	5.5	1.16	<2	<10	20	<0.5	<2	1.46	<0.5	59	2	3350	8.63
E531129		1.89	0.019	1.8	1.15	<2	<10	10	<0.5	<2	2.38	<0.5	64	2	1325	7.24
E531130		1.83	0.027	2.7	1.17	<2	<10	10	<0.5	<2	1.58	<0.5	70	2	1850	6.51
E531131		3.85	0.006	0.6	0.93	<2	<10	10	<0.5	<2	1.14	<0.5	32	2	456	4.23
E531132		3.18	0.023	1.9	0.84	<2	<10	10	<0.5	<2	1.00	<0.5	24	2	1150	5.36
E531133		3.58	0.061	4.9	0.83	<2	<10	10	<0.5	<2	0.88	<0.5	42	2	2980	6.23
E531134		3.60	0.006	0.7	0.66	<2	<10	10	<0.5	<2	0.77	<0.5	30	2	480	6.93
E531135		3.58	0.009	0.7	0.67	<2	<10	10	<0.5	<2	0.88	<0.5	24	3	518	5.78

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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303-1620 WEST 8TH AVENUE

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Finalized Date: 3-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E531096		10	1	0.73	<10	1.17	423	<1	0.07	7	520	<2	0.32	<2	6	23
E531097		<10	<1	0.54	10	0.58	190	<1	0.05	10	430	3	0.01	<2	1	65
E531098		10	<1	0.34	10	0.73	254	4	0.07	3	880	<2	1.44	<2	4	19
E531099		10	1	0.43	<10	0.91	296	3	0.08	2	800	<2	1.70	<2	5	30
E531100		10	1	0.20	10	0.92	254	9	0.06	5	380	<2	1.94	<2	2	16
E531101		<10	1	0.28	10	0.39	138	33	0.08	4	320	<2	0.07	<2	1	19
E531102		<10	<1	0.24	10	0.37	136	8	0.08	4	310	<2	0.20	<2	1	19
E531103		10	1	0.57	10	1.19	392	5	0.07	<1	870	<2	0.24	<2	5	30
E531104		10	<1	0.15	10	0.93	358	4	0.06	1	1040	<2	0.82	<2	4	34
E531105		10	<1	0.16	10	0.71	295	2	0.07	<1	1300	<2	0.61	<2	4	25
E531106		10	<1	0.11	10	0.54	252	2	0.07	<1	1280	<2	0.43	<2	4	19
E531107		10	<1	0.06	10	0.49	315	14	0.07	<1	1180	<2	0.23	<2	4	23
E531108		10	1	0.11	<10	0.59	292	11	0.07	<1	990	<2	0.72	<2	4	19
E531109		10	<1	0.08	10	0.61	291	5	0.08	<1	1240	<2	0.61	<2	4	20
E531110		10	1	0.10	10	0.62	294	20	0.07	<1	1160	<2	1.51	<2	4	19
E531111		10	1	0.04	10	0.77	313	12	0.07	<1	1220	<2	0.55	<2	4	30
E531112		10	<1	0.04	10	0.95	354	8	0.08	<1	1140	<2	0.49	<2	5	35
E531113		10	<1	0.05	10	0.58	191	22	0.08	4	360	2	0.10	<2	2	20
E531114		10	<1	0.02	10	0.63	156	6	0.08	4	300	<2	0.10	<2	2	10
E531115		<10	1	0.01	<10	0.98	199	18	0.07	22	310	<2	0.57	<2	3	10
E531116		10	<1	0.01	<10	2.64	459	5	0.03	102	500	<2	0.25	<2	6	17
E531117		20	1	0.01	10	6.55	1210	<1	0.03	409	1470	<2	0.18	<2	8	61
E531118		10	<1	0.03	<10	1.57	476	6	0.06	24	840	<2	1.10	<2	7	35
E531119		10	1	0.10	<10	1.33	383	1	0.08	10	700	<2	0.55	<2	5	31
E531120		<10	<1	0.30	10	1.09	349	1	0.51	54	810	62	3.31	<2	1	110
E531121		10	<1	0.19	<10	1.18	331	2	0.11	16	550	<2	0.46	<2	6	29
E531122		10	1	0.26	<10	1.22	353	1	0.09	15	510	<2	0.25	<2	5	34
E531123		10	1	0.40	<10	1.63	394	3	0.09	21	510	<2	0.34	<2	6	34
E531124		10	<1	0.03	10	5.14	787	3	0.04	267	1060	<2	0.15	<2	7	44
E531125		<10	1	0.15	10	0.46	178	2	0.07	6	310	4	0.42	<2	1	29
E531126		<10	1	0.06	10	0.66	228	11	0.07	10	390	<2	0.97	<2	2	29
E531127		10	1	0.06	10	0.84	201	17	0.07	17	600	<2	2.04	<2	4	27
E531128		10	<1	0.12	10	1.00	194	10	0.09	13	720	<2	1.10	<2	4	35
E531129		10	1	0.08	<10	0.99	267	6	0.08	18	550	2	1.16	<2	4	51
E531130		<10	1	0.05	<10	0.96	201	25	0.07	19	570	2	1.34	<2	3	62
E531131		<10	<1	0.04	<10	0.72	172	5	0.07	13	500	<2	0.49	<2	4	56
E531132		<10	<1	0.05	<10	0.71	178	4	0.06	12	520	2	0.43	<2	4	25
E531133		<10	<1	0.07	<10	0.71	174	9	0.08	20	520	<2	1.22	<2	5	20
E531134		<10	1	0.05	<10	0.57	155	12	0.06	15	490	<2	0.57	<2	3	14
E531135		<10	1	0.04	<10	0.54	154	2	0.07	12	520	<2	0.37	<2	3	18

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531096		<20	0.30	<10	<10	323	<10	34
E:531097		<20	0.10	<10	<10	13	<10	40
E:531098		<20	0.20	<10	<10	113	<10	27
E:531099		<20	0.25	<10	<10	174	<10	34
E:531100		<20	0.13	<10	<10	73	<10	35
E:531101		<20	0.08	<10	<10	22	<10	19
E:531102		<20	0.08	<10	<10	20	<10	24
E:531103		<20	0.30	<10	<10	65	<10	52
E:531104		<20	0.19	<10	<10	33	<10	50
E:531105		<20	0.22	<10	<10	25	<10	40
E:531106		<20	0.20	<10	<10	28	<10	29
E:531107		<20	0.21	<10	<10	37	<10	28
E:531108		<20	0.22	<10	<10	35	<10	33
E:531109		<20	0.24	<10	<10	37	<10	40
E:531110		<20	0.20	<10	<10	34	<10	63
E:531111		<20	0.22	<10	<10	36	<10	50
E:531112		<20	0.24	<10	<10	58	<10	53
E:531113		<20	0.11	<10	<10	32	<10	27
E:531114		<20	0.08	<10	<10	26	<10	19
E:531115		<20	0.06	<10	<10	28	<10	25
E:531116		<20	0.07	<10	<10	53	<10	66
E:531117		<20	0.12	<10	<10	121	<10	172
E:531118		<20	0.21	<10	<10	182	<10	50
E:531119		<20	0.25	<10	<10	218	<10	36
E:531120		<20	0.26	<10	<10	35	<10	50
E:531121		<20	0.26	<10	<10	193	<10	33
E:531122		<20	0.25	<10	<10	172	<10	34
E:531123		<20	0.26	<10	<10	196	<10	41
E:531124		<20	0.12	<10	<10	104	<10	93
E:531125		<20	0.06	<10	<10	13	<10	14
E:531126		<20	0.11	<10	<10	73	<10	20
E:531127		<20	0.20	<10	<10	193	<10	32
E:531128		<20	0.26	<10	<10	235	<10	37
E:531129		<20	0.21	<10	<10	204	<10	33
E:531130		<20	0.17	<10	<10	148	<10	27
E:531131		<20	0.18	<10	<10	120	<10	19
E:531132		<20	0.19	<10	<10	147	<10	20
E:531133		<20	0.17	<10	<10	147	<10	23
E:531134		<20	0.17	<10	<10	169	<10	15
E:531135		<20	0.18	<10	<10	153	<10	14

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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To: RAINY RIVER RESOURCES LTD.
303-1620 WEST 8TH AVENUE
VANCOUVER BC V6J 1V4

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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
E:531136		3.50	0.019	1.2	0.62	<2	<10	<10	<0.5	<2	0.77	<0.5	33	2	769	5.62
E:531137		3.38	0.045	1.4	0.82	<2	<10	10	<0.5	<2	0.94	<0.5	28	3	944	6.03
E:531138		3.08	0.014	0.4	0.95	<2	<10	10	<0.5	<2	1.06	<0.5	21	2	616	6.29
E:531139		2.41	<0.005	0.2	0.70	<2	<10	30	<0.5	<2	0.49	<0.5	10	14	145	2.12
E:531140		2.97	<0.005	0.5	0.69	<2	<10	10	<0.5	<2	0.95	<0.5	26	15	329	2.49
E:531141		2.90	<0.005	0.5	0.63	<2	<10	10	<0.5	<2	0.65	<0.5	6	15	15	1.60
E:531142		3.23	0.056	2.7	1.68	<2	<10	<10	<0.5	<2	2.21	<0.5	26	8	1670	4.81
E:531143		3.06	<0.005	1.1	1.06	<2	<10	20	<0.5	<2	1.02	<0.5	25	21	608	3.77
E:531144		3.11	<0.005	0.2	1.05	<2	<10	60	<0.5	2	0.85	<0.5	25	23	94	3.09
E:531145		3.06	<0.005	0.2	1.02	<2	<10	20	<0.5	2	1.36	<0.5	10	19	25	2.34
E:531146		3.06	<0.005	<0.2	1.13	<2	<10	40	<0.5	2	1.08	<0.5	5	19	8	2.06
E:531147		3.07	<0.005	<0.2	1.05	<2	<10	30	<0.5	<2	1.35	<0.5	2	19	4	1.78
E:531148		3.12	<0.005	<0.2	1.01	<2	<10	40	<0.5	<2	1.22	<0.5	6	19	7	1.96
E:531149		3.04	<0.005	<0.2	1.04	<2	<10	40	<0.5	<2	1.12	<0.5	8	20	9	2.11
E:531150		3.00	<0.005	<0.2	1.05	<2	<10	30	<0.5	<2	0.82	<0.5	5	22	10	1.85
E:531151		2.39	<0.005	0.3	2.00	<2	<10	<10	<0.5	<2	9.24	<0.5	19	45	336	4.57
E:531152		1.93	0.051	2.1	1.14	<2	<10	10	<0.5	<2	1.48	<0.5	45	38	2220	4.10
E:531153		3.49	0.041	1.6	1.15	<2	<10	10	<0.5	<2	0.85	<0.5	16	45	1335	2.54
E:531154		3.28	0.015	0.5	1.18	<2	<10	10	<0.5	<2	0.99	<0.5	18	48	453	2.18
E:531155		3.12	0.024	1.0	1.31	<2	<10	10	<0.5	<2	0.83	<0.5	19	67	782	2.84
E:531156		3.32	0.029	1.0	1.23	<2	<10	10	<0.5	<2	1.00	<0.5	18	55	755	2.16
E:531157		3.61	0.016	0.6	1.30	<2	<10	<10	<0.5	<2	1.02	<0.5	18	64	446	2.20
E:531158		3.49	0.010	0.4	1.42	<2	<10	10	<0.5	<2	1.51	<0.5	20	113	495	2.47
E:531159		3.19	<0.005	0.6	1.01	<2	<10	30	<0.5	<2	0.71	<0.5	17	27	200	2.72
E:531160		0.59	0.007	<0.2	0.70	2	<10	100	<0.5	<2	1.21	<0.5	9	113	32	2.32
E:531161		2.74	<0.005	0.4	0.99	2	<10	50	<0.5	<2	0.69	<0.5	22	23	263	2.38
E:531162		3.21	<0.005	0.4	1.22	<2	<10	70	<0.5	<2	0.75	<0.5	19	42	276	2.98
E:531163		3.02	<0.005	0.2	1.04	<2	<10	40	<0.5	<2	0.85	<0.5	17	32	144	2.63
E:531164		2.00	<0.005	<0.2	1.15	<2	<10	110	<0.5	<2	0.89	<0.5	11	20	163	2.13
E:531165		2.15	<0.005	0.2	1.15	<2	<10	90	<0.5	<2	0.46	<0.5	14	27	204	2.34
E:531166		2.12	<0.005	<0.2	1.66	<2	<10	30	<0.5	<2	0.69	<0.5	23	252	187	2.48
E:531167		3.36	<0.005	<0.2	1.50	<2	<10	10	<0.5	<2	0.68	<0.5	31	228	321	2.35
E:531168		2.40	0.007	<0.2	1.32	<2	<10	10	<0.5	<2	0.71	<0.5	38	189	474	2.23
E:531169		0.89	<0.005	<0.2	2.06	<2	<10	<10	<0.5	<2	0.81	<0.5	22	304	174	2.95
E:531170		2.27	<0.005	<0.2	1.00	<2	<10	30	<0.5	<2	0.62	<0.5	8	29	80	1.70
E:531171		2.85	<0.005	<0.2	0.70	<2	<10	10	<0.5	<2	0.40	<0.5	10	12	234	1.70
E:531172		2.97	<0.005	<0.2	0.78	<2	<10	10	<0.5	<2	0.42	<0.5	9	10	120	1.71
E:531173		2.88	0.005	<0.2	1.10	<2	<10	10	<0.5	<2	0.56	<0.5	11	12	293	2.35
E:531174		3.57	<0.005	<0.2	1.14	<2	<10	20	<0.5	2	0.68	<0.5	14	19	58	2.62
E:531175		1.92	<0.005	0.2	0.92	<2	<10	30	<0.5	<2	0.87	<0.5	7	17	8	2.05

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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E531136		<10	<1	0.04	<10	0.55	136	6	0.07	15	540	<2	0.70	<2	4	15
E531137		<10	<1	0.04	<10	0.68	188	2	0.07	16	490	<2	0.53	<2	4	23
E531138		<10	<1	0.03	<10	0.80	208	1	0.06	14	490	<2	0.33	<2	4	30
E531139		<10	1	0.14	10	0.55	110	6	0.05	9	330	<2	0.16	<2	1	21
E531140		<10	1	0.06	10	0.54	137	8	0.06	12	320	<2	0.85	<2	1	26
E531141		<10	<1	0.04	10	0.47	104	6	0.06	7	330	<2	0.13	<2	1	30
E531142		10	1	0.03	10	1.39	244	19	0.06	21	420	2	1.04	<2	6	57
E531143		<10	1	0.10	10	0.86	151	2	0.06	20	470	<2	1.94	<2	3	22
E531144		<10	1	0.42	20	0.77	132	<1	0.06	16	480	<2	1.70	<2	2	19
E531145		10	1	0.19	20	0.75	155	<1	0.05	13	490	<2	0.79	<2	1	22
E531146		<10	<1	0.39	20	0.79	145	<1	0.05	12	490	<2	0.45	<2	1	22
E531147		<10	1	0.23	20	0.76	161	<1	0.04	11	490	<2	0.21	<2	1	25
E531148		<10	1	0.30	20	0.74	153	<1	0.05	11	480	<2	0.44	<2	1	21
E531149		<10	1	0.38	20	0.75	147	<1	0.04	14	500	<2	0.64	<2	1	20
E531150		<10	1	0.21	20	0.84	146	<1	0.05	13	500	2	0.27	<2	1	22
E531151		10	1	0.02	<10	1.69	834	10	0.03	23	350	<2	0.48	<2	8	174
E531152		<10	<1	0.05	<10	0.95	204	39	0.06	29	450	<2	1.69	<2	4	33
E531153		<10	<1	0.07	<10	1.00	169	4	0.05	27	270	<2	0.59	<2	3	19
E531154		<10	1	0.05	<10	1.01	185	2	0.06	23	260	<2	0.27	<2	3	23
E531155		<10	1	0.05	<10	1.17	200	10	0.06	32	270	<2	0.40	<2	3	20
E531156		<10	<1	0.06	<10	1.10	197	28	0.06	35	190	<2	0.33	<2	3	19
E531157		<10	<1	0.04	<10	1.15	206	2	0.06	35	180	<2	0.23	<2	3	24
E531158		<10	1	0.10	<10	1.32	247	22	0.07	42	310	<2	0.39	<2	4	27
E531159		<10	<1	0.20	20	0.85	160	16	0.06	18	470	<2	1.20	<2	2	17
E531160		<10	<1	0.37	70	0.69	265	1	0.09	31	2790	3	0.01	<2	2	158
E531161		10	1	0.25	20	0.78	148	1	0.06	23	480	5	0.98	<2	2	21
E531162		<10	1	0.41	10	1.01	152	7	0.06	25	490	2	1.06	<2	2	28
E531163		10	1	0.28	10	0.85	152	46	0.06	17	340	2	0.61	<2	1	25
E531164		10	1	0.44	10	0.83	169	43	0.06	12	320	<2	0.32	<2	1	26
E531165		10	<1	0.47	10	0.88	137	4	0.05	20	340	<2	0.43	<2	1	23
E531166		<10	1	0.21	<10	1.82	212	1	0.05	99	220	<2	0.36	<2	3	22
E531167		<10	<1	0.10	<10	1.68	201	24	0.04	94	210	<2	0.43	<2	3	28
E531168		<10	<1	0.06	<10	1.45	182	<1	0.04	85	210	<2	0.52	<2	2	28
E531169		10	<1	0.03	<10	2.54	322	1	0.03	97	220	<2	0.09	<2	3	40
E531170		<10	1	0.15	10	0.90	163	1	0.04	24	290	<2	0.15	<2	1	35
E531171		<10	1	0.06	10	0.59	125	12	0.05	8	300	<2	0.53	<2	1	21
E531172		<10	<1	0.05	10	0.65	121	2	0.05	6	320	<2	0.51	<2	1	19
E531173		10	<1	0.05	10	1.05	196	5	0.04	10	410	<2	0.66	<2	2	22
E531174		<10	<1	0.08	20	1.13	197	3	0.05	14	480	<2	1.02	<2	2	24
E531175		<10	<1	0.17	20	0.86	167	<1	0.05	11	470	<2	0.83	<2	1	22

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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VANCOUVER BC V6J 1V4

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CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531136	<20	0.16	<10	<10	143	<10	15	
E:531137	<20	0.17	<10	<10	150	<10	18	
E:531138	<20	0.18	<10	<10	154	<10	20	
E:531139	<20	0.10	<10	<10	34	<10	14	
E:531140	<20	0.09	<10	<10	28	<10	14	
E:531141	<20	0.09	<10	<10	23	<10	13	
E:531142	<20	0.15	<10	<10	101	<10	39	
E:531143	<20	0.08	<10	<10	46	<10	21	
E:531144	<20	0.10	<10	<10	30	<10	15	
E:531145	<20	0.08	<10	<10	21	<10	18	
E:531146	<20	0.09	<10	<10	23	<10	17	
E:531147	<20	0.08	<10	<10	21	<10	16	
E:531148	<20	0.09	<10	<10	23	<10	14	
E:531149	<20	0.09	<10	<10	20	<10	13	
E:531150	<20	0.08	<10	<10	24	<10	18	
E:531151	<20	0.10	<10	<10	87	<10	40	
E:531152	<20	0.12	<10	<10	58	<10	28	
E:531153	<20	0.09	<10	<10	43	<10	21	
E:531154	<20	0.13	<10	<10	55	<10	20	
E:531155	<20	0.12	<10	<10	58	<10	23	
E:531156	<20	0.12	<10	<10	44	<10	19	
E:531157	<20	0.13	<10	<10	43	<10	22	
E:531158	<20	0.13	<10	<10	48	<10	27	
E:531159	<20	0.09	<10	<10	31	<10	21	
E:531160	<20	0.17	<10	<10	58	<10	32	
E:531161	<20	0.09	<10	<10	31	<10	22	
E:531162	<20	0.12	<10	<10	47	<10	23	
E:531163	<20	0.08	<10	<10	39	<10	21	
E:531164	<20	0.11	<10	<10	34	<10	22	
E:531165	<20	0.11	<10	<10	35	<10	18	
E:531166	<20	0.12	<10	<10	43	<10	25	
E:531167	<20	0.11	<10	<10	38	<10	26	
E:531168	<20	0.09	<10	<10	32	<10	26	
E:531169	<20	0.12	<10	<10	53	<10	55	
E:531170	<20	0.09	<10	<10	31	<10	29	
E:531171	<20	0.05	<10	<10	15	<10	20	
E:531172	<20	0.05	<10	<10	16	<10	20	
E:531173	<20	0.07	<10	<10	29	<10	32	
E:531174	<20	0.08	<10	<10	35	<10	31	
E:531175	<20	0.07	<10	<10	24	<10	20	

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CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531176		3.38	0.007	0.5	0.93	<2	<10	10	<0.5	2	0.77	<0.5	27	11	122	4.14
E531177		1.47	0.005	0.2	0.78	<2	<10	10	<0.5	<2	0.40	<0.5	14	8	131	1.92
E531178		1.85	0.006	0.2	0.77	<2	<10	10	<0.5	<2	0.34	<0.5	10	9	95	1.82
E531179		0.47	<0.005	<0.2	0.14	<2	<10	<10	<0.5	2	0.56	<0.5	3	9	19	0.64
E531180		2.72	<0.005	0.2	1.03	<2	<10	20	<0.5	<2	0.30	<0.5	11	11	65	2.00
E531181		1.71	<0.005	0.4	1.70	<2	<10	30	<0.5	<2	0.14	<0.5	21	6	51	3.66
E531182		1.42	0.007	0.6	1.83	<2	<10	30	<0.5	2	0.18	<0.5	27	9	135	4.36
E531183		1.19	0.014	<0.2	5.57	3	<10	<10	0.5	<2	1.21	<0.5	38	220	24	7.63
E531184		1.90	<0.005	<0.2	0.84	<2	<10	30	<0.5	<2	1.31	<0.5	8	30	15	1.37
E531185		3.15	<0.005	0.3	0.71	<2	<10	30	<0.5	<2	1.25	<0.5	5	7	11	1.27
E531186		3.28	<0.005	<0.2	0.79	<2	<10	40	<0.5	<2	0.95	<0.5	5	8	18	1.26
E531187		2.84	<0.005	<0.2	0.82	<2	<10	20	<0.5	2	0.58	<0.5	7	8	20	1.61
E531188		2.99	<0.005	<0.2	0.92	<2	<10	30	<0.5	<2	0.83	<0.5	5	9	13	1.60
E531189		0.54	0.017	0.3	0.64	<2	<10	20	<0.5	<2	0.78	1.5	3	5	242	1.31
E531190		2.63	0.025	0.6	0.68	<2	<10	20	<0.5	<2	0.94	<0.5	9	7	407	1.81
E531191		3.37	0.016	0.5	0.56	<2	<10	10	<0.5	<2	0.79	<0.5	9	8	437	1.30
E531192		3.25	0.014	0.9	0.61	<2	<10	20	<0.5	<2	0.75	<0.5	7	9	533	1.56
E531193		3.13	0.026	0.7	0.60	<2	<10	20	<0.5	2	0.72	<0.5	9	8	646	1.69
E531194		3.24	0.023	0.7	0.80	<2	<10	30	<0.5	2	0.55	<0.5	8	10	613	1.92
E531195		3.20	0.022	0.7	1.21	<2	<10	70	<0.5	2	0.77	<0.5	9	9	555	2.52
E531196		3.27	0.014	0.6	1.07	<2	<10	50	<0.5	<2	0.70	<0.5	13	27	646	2.62
E531197		3.11	0.006	0.5	1.14	<2	<10	100	<0.5	2	0.93	<0.5	11	10	392	2.74
E531198		3.25	0.006	0.2	1.02	<2	<10	80	<0.5	<2	0.85	<0.5	9	12	306	2.46
E531199		3.09	<0.005	0.2	0.89	<2	<10	80	<0.5	<2	0.82	<0.5	7	12	225	2.09
E531200		0.08	1.765	0.2	1.27	2	<10	60	0.6	<2	0.51	<0.5	15	42	21	4.97
E531201		3.03	0.008	<0.2	0.84	<2	<10	60	<0.5	<2	0.73	<0.5	6	15	281	1.63
E531202		2.39	<0.005	<0.2	0.69	<2	<10	50	<0.5	<2	0.62	<0.5	12	13	170	1.84
E531203		2.24	<0.005	0.2	0.65	<2	<10	50	<0.5	<2	0.60	<0.5	8	11	223	1.61

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Finalized Date: 3-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
E:531176		<10	1	0.06	10	1.05	202	21	0.04	13	310	<2	3.36	<2	2	17
E:531177		<10	<1	0.04	10	0.80	150	30	0.04	10	310	<2	0.93	<2	1	11
E:531178		<10	1	0.05	10	0.80	141	3	0.05	8	280	<2	0.95	<2	1	13
E:531179		<10	<1	0.01	<10	0.13	81	1	0.01	2	80	<2	0.32	<2	<1	7
E:531180		<10	1	0.10	10	0.91	316	3	0.04	12	310	<2	0.75	<2	1	15
E:531181		<10	1	0.14	10	1.51	507	1	0.01	26	360	<2	1.57	<2	1	13
E:531182		10	<1	0.10	10	1.96	472	30	0.02	26	320	<2	2.13	<2	1	15
E:531183		20	1	0.01	30	7.61	1220	<1	0.01	198	1600	<2	0.72	<2	13	30
E:531184		<10	1	0.10	10	0.81	243	1	0.03	22	380	<2	0.29	<2	1	29
E:531185		<10	1	0.12	10	0.42	218	<1	0.04	5	350	<2	0.03	<2	<1	26
E:531186		<10	1	0.13	10	0.56	205	<1	0.04	6	360	<2	0.07	<2	1	21
E:531187		<10	1	0.10	10	0.72	199	1	0.04	5	360	<2	0.44	<2	1	11
E:531188		<10	<1	0.10	10	0.71	241	<1	0.04	5	360	<2	0.05	<2	1	14
E:531189		<10	1	0.11	10	0.42	216	1	0.02	7	240	<2	0.62	<2	<1	20
E:531190		<10	<1	0.08	10	0.46	255	4	0.04	7	310	<2	1.12	<2	1	21
E:531191		<10	<1	0.05	<10	0.39	146	3	0.05	5	300	<2	0.62	<2	1	14
E:531192		<10	<1	0.07	<10	0.41	132	81	0.05	6	300	<2	0.84	<2	1	16
E:531193		<10	1	0.08	10	0.42	117	5	0.04	6	320	<2	0.99	<2	1	15
E:531194		<10	<1	0.16	<10	0.67	150	11	0.04	6	320	2	1.03	<2	1	15
E:531195		<10	<1	0.46	10	1.05	208	4	0.06	9	450	<2	1.04	<2	2	20
E:531196		<10	1	0.34	10	0.99	150	3	0.05	12	360	<2	1.36	<2	2	17
E:531197		<10	1	0.57	10	0.90	160	8	0.05	10	440	<2	1.11	<2	2	27
E:531198		10	<1	0.32	10	0.81	136	1	0.06	9	380	<2	0.73	<2	2	32
E:531199		<10	<1	0.27	10	0.70	122	1	0.06	8	360	<2	0.08	<2	1	35
E:531200		<10	<1	0.31	10	1.15	338	1	0.52	50	810	53	3.14	<2	1	120
E:531201		<10	1	0.28	10	0.63	112	3	0.05	7	340	<2	0.15	<2	1	38
E:531202		<10	<1	0.19	10	0.52	110	2	0.05	7	330	<2	0.64	<2	1	29
E:531203		<10	1	0.21	<10	0.50	111	2	0.05	6	320	<2	0.68	<2	1	21

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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Finalized Date: 3-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020483

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E531176		<20	0.04	<10	<10	20	<10	41
E531177		<20	0.03	<10	<10	13	<10	36
E531178		<20	0.04	<10	<10	12	<10	34
E531179		<20	<0.01	<10	<10	2	<10	7
E531180		<20	0.04	<10	<10	13	<10	81
E531181		<20	0.03	<10	<10	8	<10	137
E531182		<20	0.04	<10	<10	19	<10	134
E531183		<20	0.16	<10	<10	140	<10	403
E531184		<20	0.05	<10	<10	14	<10	56
E531185		<20	0.05	<10	<10	11	<10	46
E531186		<20	0.07	<10	<10	12	<10	52
E531187		<20	0.05	<10	<10	14	<10	49
E531188		<20	0.06	<10	<10	14	<10	57
E531189		<20	0.02	<10	<10	5	<10	1110
E531190		<20	0.02	<10	<10	9	<10	82
E531191		<20	0.01	<10	<10	9	<10	38
E531192		<20	0.03	<10	<10	11	<10	37
E531193		<20	0.03	<10	<10	10	<10	33
E531194		<20	0.05	<10	<10	17	<10	62
E531195		<20	0.11	<10	<10	39	<10	115
E531196		<20	0.09	<10	<10	30	<10	48
E531197		<20	0.11	<10	<10	36	<10	38
E531198		<20	0.09	<10	<10	31	<10	24
E531199		<20	0.09	<10	<10	30	<10	29
E531200		<20	0.28	<10	<10	35	<10	44
E531201		<20	0.08	<10	<10	19	<10	28
E531202		<20	0.07	<10	<10	16	<10	23
E531203		<20	0.07	<10	<10	14	<10	20

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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Page: 1

Finalized Date: 3-MAR-2010

Account: RRR

CERTIFICATE TB10020484

Project: Off Lake

P.O. No.: DDH OL10-03

This report is for 109 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-FEB-2010.

The following have access to data associated with this certificate:

STU AVERILL

CJ BAKER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying


ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
 ATTN: CJ BAKER
 P.O.BOX 5, 48 MARION STREET
 ECHO LAKES ESTATE
 EMO ON POW 1E0

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



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CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E:531204		3.33	<0.005	<0.2	0.65	<2	<10	50	<0.5	<2	0.79	<0.5	8	14	125	1.66
E:531205		3.48	0.005	0.5	0.66	<2	<10	60	<0.5	<2	0.95	<0.5	8	11	248	1.67
E:531206		1.54	<0.005	<0.2	0.65	<2	<10	50	<0.5	<2	0.98	<0.5	7	10	253	1.58
E:531207		0.69	<0.005	<0.2	0.50	<2	<10	10	<0.5	<2	4.81	<0.5	1	6	99	1.05
E:531208		3.20	0.010	0.6	0.58	<2	<10	30	<0.5	<2	1.01	<0.5	8	12	533	1.72
E:531209		3.09	<0.005	0.2	0.53	<2	<10	20	<0.5	<2	1.64	<0.5	10	12	181	2.08
E:531210		2.92	<0.005	0.5	0.60	<2	<10	30	<0.5	2	1.05	<0.5	8	11	312	1.76
E:531211		3.00	0.007	0.2	0.75	<2	<10	40	<0.5	<2	0.93	<0.5	11	13	376	2.15
E:531212		2.88	0.005	<0.2	0.66	<2	<10	40	<0.5	<2	0.84	<0.5	6	13	253	1.74
E:531213		3.13	0.009	0.2	0.64	<2	<10	40	<0.5	<2	1.05	<0.5	6	14	442	1.44
E:531214		3.13	0.008	0.2	0.66	<2	<10	50	<0.5	<2	0.88	<0.5	7	14	614	1.65
E:531215		3.36	0.010	0.2	0.62	<2	<10	50	<0.5	<2	1.00	<0.5	4	13	475	1.34
E:531216		3.27	0.012	0.5	0.67	<2	<10	50	<0.5	<2	1.10	<0.5	4	14	515	1.41
E:531217		2.84	0.008	0.7	0.57	<2	<10	30	<0.5	<2	0.96	<0.5	11	11	597	2.05
E:531218		3.10	0.011	0.5	0.67	<2	<10	50	<0.5	<2	0.71	<0.5	9	9	360	1.87
E:531219		2.02	<0.005	0.3	0.62	<2	<10	70	<0.5	<2	0.95	<0.5	5	10	261	1.29
E:531220		2.04	<0.005	0.2	0.76	<2	<10	90	<0.5	<2	0.88	<0.5	7	11	156	1.68
E:531221		0.79	0.041	0.4	0.55	<2	<10	60	<0.5	<2	0.65	<0.5	9	9	355	1.34
E:531222		2.51	<0.005	<0.2	0.69	<2	<10	70	<0.5	2	0.58	<0.5	6	15	124	1.58
E:531223		3.05	<0.005	<0.2	0.67	<2	<10	70	<0.5	3	1.11	<0.5	5	13	184	1.47
E:531224		3.34	<0.005	0.3	0.57	<2	<10	50	<0.5	<2	1.07	<0.5	7	11	214	1.38
E:531225		2.71	<0.005	<0.2	0.63	<2	<10	50	<0.5	<2	0.91	<0.5	8	11	142	1.91
E:531226		2.75	<0.005	0.3	0.61	<2	<10	20	<0.5	2	0.54	<0.5	15	10	112	3.15
E:531227		3.13	<0.005	<0.2	0.75	<2	<10	20	<0.5	2	0.62	<0.5	7	12	168	2.54
E:531228		1.39	<0.005	0.2	0.90	<2	<10	30	<0.5	<2	0.78	<0.5	8	10	210	2.20
E:531229		2.67	<0.005	<0.2	0.89	<2	<10	20	<0.5	<2	0.65	<0.5	7	13	287	2.11
E:531230		3.50	0.005	<0.2	0.76	<2	<10	30	<0.5	<2	0.68	<0.5	7	13	261	1.97
E:531231		2.98	0.015	<0.2	0.82	<2	<10	20	<0.5	<2	0.61	<0.5	11	11	273	2.42
E:531232		3.19	0.006	0.5	0.67	<2	<10	10	<0.5	<2	0.64	<0.5	16	10	280	2.62
E:531233		3.14	0.010	0.4	0.62	<2	<10	20	<0.5	2	0.95	<0.5	7	11	480	1.75
E:531234		3.10	<0.005	<0.2	0.67	<2	<10	20	<0.5	<2	0.69	<0.5	10	13	330	1.92
E:531235		3.55	<0.005	0.2	0.74	<2	<10	30	<0.5	2	0.72	<0.5	9	12	263	2.25
E:531236		2.73	0.007	0.3	0.73	<2	<10	30	<0.5	2	0.79	<0.5	12	13	515	1.83
E:531237		3.44	<0.005	0.4	0.83	<2	<10	50	<0.5	<2	0.60	<0.5	8	16	234	1.84
E:531238		3.41	0.014	0.6	0.84	<2	<10	70	<0.5	3	0.58	<0.5	11	15	892	2.27
E:531239		3.33	0.011	0.5	0.82	<2	<10	50	<0.5	<2	0.56	<0.5	14	15	713	2.68
E:531240		0.73	0.008	<0.2	0.70	3	<10	100	<0.5	<2	1.13	<0.5	9	116	51	2.27
E:531241		2.87	0.035	1.5	0.88	2	<10	70	<0.5	<2	0.62	<0.5	13	18	1660	2.26
E:531242		3.33	0.030	1.5	1.07	<2	<10	70	<0.5	<2	0.66	<0.5	16	18	2200	2.66
E:531243		3.69	0.023	1.2	0.79	<2	<10	30	<0.5	<2	0.60	<0.5	12	13	1140	2.07

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020484

Sample Description	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E531204	<10	<1	0.22	10	0.53	135	1	0.09	7	320	18	0.76	<2	1	20
E531205	<10	<1	0.33	10	0.44	138	2	0.09	6	320	8	0.89	<2	1	22
E531206	<10	<1	0.26	10	0.47	170	2	0.08	6	310	4	0.77	<2	1	26
E531207	<10	<1	0.07	<10	0.55	475	2	0.05	4	300	4	0.45	<2	1	55
E531208	<10	<1	0.22	10	0.47	173	14	0.08	8	320	3	1.18	<2	1	22
E531209	<10	<1	0.13	10	0.44	208	2	0.09	7	310	2	1.70	<2	1	28
E531210	<10	<1	0.17	10	0.48	153	1	0.09	6	300	2	1.13	<2	1	19
E531211	10	<1	0.19	10	0.62	153	2	0.11	7	330	2	1.15	<2	1	28
E531212	<10	<1	0.18	10	0.51	122	4	0.10	7	320	<2	0.75	<2	1	29
E531213	10	<1	0.20	10	0.47	128	2	0.09	6	330	<2	0.40	<2	1	35
E531214	<10	<1	0.29	10	0.48	121	2	0.10	7	330	<2	0.64	<2	1	32
E531215	<10	<1	0.17	10	0.49	121	9	0.09	6	330	<2	0.22	<2	1	34
E531216	<10	<1	0.17	10	0.50	133	23	0.10	6	320	2	0.21	<2	1	37
E531217	<10	<1	0.20	10	0.43	162	12	0.09	7	330	<2	1.58	<2	1	23
E531218	<10	<1	0.34	10	0.48	210	2	0.08	7	310	<2	1.40	<2	<1	23
E531219	<10	<1	0.34	10	0.42	124	3	0.09	5	300	2	0.73	<2	<1	26
E531220	<10	<1	0.40	10	0.53	121	2	0.12	7	340	2	1.06	<2	1	27
E531221	<10	<1	0.21	10	0.38	92	2	0.09	5	230	3	0.71	<2	1	23
E531222	<10	<1	0.23	10	0.54	99	1	0.09	6	310	<2	0.18	<2	1	31
E531223	<10	<1	0.23	10	0.51	128	2	0.10	6	310	<2	0.13	<2	1	33
E531224	<10	<1	0.19	10	0.42	110	1	0.09	6	310	2	0.77	<2	1	30
E531225	<10	<1	0.17	10	0.53	133	3	0.10	5	330	2	1.29	<2	1	30
E531226	<10	<1	0.10	10	0.53	146	1	0.09	6	330	<2	2.86	<2	1	22
E531227	<10	<1	0.11	10	0.74	147	2	0.10	7	340	<2	2.03	<2	1	21
E531228	<10	<1	0.15	10	0.86	177	2	0.10	8	360	2	1.29	<2	1	27
E531229	10	<1	0.11	10	0.95	169	2	0.10	7	370	<2	0.97	<2	2	23
E531230	10	<1	0.09	10	0.73	168	2	0.11	8	370	<2	1.11	<2	1	25
E531231	10	<1	0.08	10	0.86	202	2	0.10	9	370	<2	1.77	<2	1	18
E531232	<10	<1	0.07	10	0.66	214	17	0.09	8	340	2	2.16	<2	1	18
E531233	<10	<1	0.08	10	0.49	230	2	0.10	6	310	<2	1.19	<2	1	21
E531234	<10	<1	0.08	10	0.54	171	2	0.10	9	310	4	1.24	<2	1	25
E531235	<10	<1	0.12	10	0.60	211	2	0.10	9	340	2	1.39	<2	1	28
E531236	<10	1	0.10	10	0.57	164	1	0.11	8	330	<2	1.10	<2	1	28
E531237	<10	<1	0.14	10	0.63	111	1	0.11	7	330	<2	0.20	<2	1	36
E531238	10	<1	0.20	10	0.69	125	1	0.09	9	320	<2	0.57	<2	1	37
E531239	<10	<1	0.15	10	0.66	128	2	0.11	11	320	<2	1.06	<2	1	32
E531240	10	<1	0.36	70	0.68	264	1	0.10	33	2600	4	0.01	<2	2	164
E531241	<10	<1	0.27	10	0.70	146	3	0.05	12	330	<2	0.82	<2	1	31
E531242	10	1	0.32	10	0.85	177	2	0.06	14	350	<2	1.17	<2	1	38
E531243	<10	<1	0.18	<10	0.69	143	7	0.05	12	360	<2	1.32	<2	1	27

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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303-1620 WEST 8TH AVENUE

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Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
E:531204		<20	0.07	<10	<10	13	<10	20
E:531205		<20	0.07	<10	<10	13	<10	19
E:531206		<20	0.07	<10	<10	13	<10	24
E:531207		<20	0.02	<10	<10	7	<10	21
E:531208		<20	0.05	<10	<10	14	<10	19
E:531209		<20	0.05	<10	<10	13	<10	17
E:531210		<20	0.05	<10	<10	14	<10	18
E:531211		<20	0.07	<10	<10	18	<10	22
E:531212		<20	0.06	<10	<10	18	<10	17
E:531213		<20	0.08	<10	<10	18	<10	16
E:531214		<20	0.08	<10	<10	18	<10	17
E:531215		<20	0.07	<10	<10	16	<10	19
E:531216		<20	0.06	<10	<10	17	<10	20
E:531217		<20	0.05	<10	<10	11	<10	35
E:531218		<20	0.05	<10	<10	9	<10	85
E:531219		<20	0.06	<10	<10	9	<10	32
E:531220		<20	0.07	<10	<10	14	<10	30
E:531221		<20	0.05	<10	<10	11	<10	18
E:531222		<20	0.07	<10	<10	17	<10	28
E:531223		<20	0.06	<10	<10	17	<10	27
E:531224		<20	0.05	<10	<10	11	<10	17
E:531225		<20	0.05	<10	<10	11	<10	19
E:531226		<20	0.03	<10	<10	10	<10	14
E:531227		<20	0.04	<10	<10	16	<10	20
E:531228		<20	0.05	<10	<10	18	<10	28
E:531229		<20	0.06	<10	<10	22	<10	25
E:531230		<20	0.05	<10	<10	17	<10	22
E:531231		<20	0.04	<10	<10	17	<10	22
E:531232		<20	0.03	<10	<10	15	<10	21
E:531233		<20	0.03	<10	<10	11	<10	21
E:531234		<20	0.04	<10	<10	11	<10	26
E:531235		<20	0.05	<10	<10	15	<10	29
E:531236		<20	0.05	<10	<10	12	<10	22
E:531237		<20	0.06	<10	<10	20	<10	19
E:531238		<20	0.06	<10	<10	20	<10	22
E:531239		<20	0.06	<10	<10	20	<10	19
E:531240		<20	0.17	<10	<10	56	<10	33
E:531241		<20	0.07	<10	<10	23	<10	23
E:531242		<20	0.08	<10	<10	26	<10	28
E:531243		<20	0.06	<10	<10	16	<10	38

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E:531244		3.25	0.041	2.6	0.60	<2	<10	10	<0.5	<2	0.86	<0.5	9	10	2350	1.40
E:531245		2.28	0.037	2.9	0.56	<2	<10	20	<0.5	<2	0.67	<0.5	11	9	2330	1.39
E:531246		3.25	0.017	1.5	0.47	2	<10	20	<0.5	<2	0.62	<0.5	10	11	1170	1.52
E:531247		3.10	0.023	1.7	0.50	<2	<10	20	<0.5	<2	0.89	<0.5	22	8	1140	1.84
E:531248		3.26	0.007	0.4	0.60	<2	<10	40	<0.5	<2	1.01	<0.5	5	11	347	1.05
E:531249		3.55	<0.005	0.2	0.70	<2	<10	50	<0.5	<2	0.70	<0.5	3	14	140	1.35
E:531250		3.47	<0.005	0.3	0.71	2	<10	60	<0.5	<2	0.65	<0.5	4	15	63	1.46
E:531251		3.22	<0.005	<0.2	0.81	<2	<10	40	<0.5	<2	0.86	<0.5	3	15	43	1.61
E:531252		3.36	<0.005	0.3	0.66	<2	<10	40	<0.5	<2	0.66	<0.5	6	12	199	1.48
E:531253		2.88	<0.005	0.3	0.81	<2	<10	30	<0.5	<2	0.76	<0.5	12	12	189	2.19
E:531254		3.16	<0.005	<0.2	0.71	2	<10	20	<0.5	<2	1.19	<0.5	9	10	63	1.87
E:531255		3.17	<0.005	0.2	1.14	<2	<10	40	<0.5	<2	0.93	<0.5	11	9	120	2.41
E:531256		3.40	<0.005	<0.2	0.76	<2	<10	40	<0.5	<2	0.83	<0.5	6	11	160	1.68
E:531257		3.26	0.034	1.6	1.04	<2	<10	30	<0.5	2	1.25	<0.5	15	7	1530	2.66
E:531258		3.27	0.012	0.3	0.61	<2	<10	40	<0.5	<2	1.10	<0.5	5	10	272	1.47
E:531259		3.14	0.006	0.3	0.59	<2	<10	50	<0.5	<2	0.60	<0.5	7	12	259	1.61
E:531260		1.21	0.018	1.0	0.63	<2	<10	20	<0.5	<2	0.70	<0.5	9	14	603	1.39
E:531261		1.18	<0.005	<0.2	4.00	3	<10	160	<0.5	<2	2.93	<0.5	31	1035	46	4.09
E:531262		3.13	<0.005	<0.2	3.03	2	<10	70	<0.5	<2	2.95	<0.5	24	924	107	3.22
E:531263		3.06	0.070	2.1	0.70	<2	<10	20	<0.5	3	1.71	<0.5	13	55	1680	2.62
E:531264		0.47	<0.005	<0.2	2.23	2	<10	100	<0.5	<2	1.44	<0.5	20	842	186	2.85
E:531265		1.69	0.014	0.2	1.53	<2	<10	30	<0.5	<2	1.55	<0.5	13	181	377	2.61
E:531266		1.54	<0.005	<0.2	3.63	<2	<10	70	0.5	<2	2.57	<0.5	21	692	43	4.04
E:531267		2.16	<0.005	<0.2	0.85	<2	<10	50	<0.5	<2	1.10	<0.5	10	48	21	2.55
E:531268		3.00	<0.005	<0.2	0.98	<2	<10	20	<0.5	2	1.73	<0.5	15	32	90	3.00
E:531269		2.24	<0.005	<0.2	2.02	2	<10	20	<0.5	<2	3.64	<0.5	26	104	101	4.80
E:531270		0.74	<0.005	<0.2	1.70	<2	<10	10	<0.5	<2	6.60	<0.5	26	97	145	4.15
E:531271		2.24	<0.005	<0.2	2.03	2	<10	100	<0.5	<2	3.44	<0.5	22	120	129	3.69
E:531272		3.16	<0.005	0.2	2.18	<2	<10	150	<0.5	<2	2.55	<0.5	21	107	122	3.11
E:531273		2.30	0.018	1.1	1.84	<2	<10	80	<0.5	<2	2.13	<0.5	20	82	941	5.99
E:531274		1.54	0.032	1.2	2.16	<2	<10	50	<0.5	<2	1.49	<0.5	32	62	1480	6.95
E:531275		2.26	0.014	0.5	0.83	<2	<10	80	<0.5	<2	0.94	<0.5	12	19	895	2.33
E:531276		1.47	0.081	0.7	0.63	<2	<10	20	<0.5	<2	1.65	<0.5	8	23	2980	1.61
E:531277		1.37	<0.005	<0.2	4.92	<2	<10	10	0.7	<2	6.58	<0.5	33	981	72	4.99
E:531278		1.71	0.009	<0.2	1.40	<2	<10	40	<0.5	<2	1.57	<0.5	11	139	437	2.36
E:531279		2.24	0.010	0.3	0.53	<2	<10	20	<0.5	<2	0.48	<0.5	8	16	853	1.65
E:531280		0.09	2.49	0.4	1.14	3	<10	80	0.6	2	0.52	<0.5	15	39	27	5.16
E:531281		2.77	0.010	<0.2	0.69	<2	<10	30	<0.5	<2	0.42	<0.5	8	13	537	1.81
E:531282		2.99	0.006	<0.2	0.82	<2	<10	50	<0.5	<2	0.48	<0.5	9	18	348	1.99
E:531283		3.46	0.007	<0.2	0.88	<2	<10	50	<0.5	<2	0.56	<0.5	9	19	275	2.14

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020484

Sample Description	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
E:531244	<10	<1	0.12	10	0.54	159	4	0.05	10	380	2	0.90	<2	1	26
E:531245	<10	<1	0.18	<10	0.50	124	9	0.04	13	380	3	0.96	<2	1	22
E:531246	<10	<1	0.14	<10	0.40	119	9	0.05	9	320	<2	1.20	<2	1	19
E:531247	<10	<1	0.14	10	0.36	125	45	0.04	11	350	2	1.63	<2	1	25
E:531248	<10	<1	0.18	10	0.39	134	2	0.05	6	310	<2	0.43	<2	<1	28
E:531249	<10	<1	0.17	<10	0.50	106	5	0.05	7	320	<2	0.18	<2	1	33
E:531250	<10	<1	0.18	<10	0.50	90	1	0.06	7	320	2	0.07	<2	1	38
E:531251	<10	<1	0.12	10	0.63	142	<1	0.05	8	300	<2	0.18	<2	1	37
E:531252	<10	<1	0.18	10	0.48	112	3	0.06	8	310	<2	0.71	<2	1	24
E:531253	<10	<1	0.24	10	0.63	158	2	0.05	11	390	2	1.54	<2	1	25
E:531254	<10	<1	0.22	10	0.58	192	3	0.04	11	380	<2	1.35	<2	1	29
E:531255	<10	<1	0.31	10	0.96	192	<1	0.04	11	440	2	1.23	<2	1	32
E:531256	<10	<1	0.16	10	0.62	132	<1	0.04	8	340	<2	0.31	<2	1	28
E:531257	10	<1	0.16	10	0.87	205	6	0.04	13	480	<2	1.30	<2	1	40
E:531258	<10	<1	0.16	<10	0.47	139	<1	0.04	9	340	<2	0.53	<2	1	39
E:531259	<10	<1	0.15	10	0.50	112	1	0.05	9	320	<2	0.65	<2	1	32
E:531260	<10	<1	0.13	<10	0.62	138	4	0.05	19	360	2	0.58	<2	2	25
E:531261	10	<1	1.42	40	4.63	728	<1	0.02	397	1610	2	0.27	3	4	91
E:531262	10	<1	0.54	10	3.97	632	<1	0.02	339	1260	2	0.22	2	3	74
E:531263	<10	<1	0.10	<10	0.76	193	1	0.05	32	340	2	2.13	<2	2	43
E:531264	10	<1	0.66	10	2.90	395	1	0.02	323	960	2	0.61	<2	3	32
E:531265	10	<1	0.15	10	2.09	277	1	0.04	96	640	<2	1.02	<2	5	38
E:531266	10	1	0.38	30	5.69	653	<1	0.02	338	1960	2	0.23	2	7	65
E:531267	<10	<1	0.27	10	0.93	196	1	0.05	27	520	3	1.85	<2	1	39
E:531268	<10	<1	0.10	20	1.10	275	1	0.04	23	580	2	1.37	<2	2	52
E:531269	10	<1	0.08	40	2.20	701	1	0.06	73	1790	2	0.24	<2	2	155
E:531270	10	<1	0.02	30	1.78	604	<1	0.04	64	1610	2	0.22	<2	2	224
E:531271	10	<1	0.33	40	2.10	617	<1	0.06	80	1840	2	0.13	<2	2	179
E:531272	10	1	0.49	30	2.20	524	<1	0.08	111	1560	3	0.03	<2	2	142
E:531273	10	<1	0.31	10	1.82	465	4	0.05	58	890	4	0.53	<2	3	86
E:531274	10	<1	0.24	10	2.11	424	5	0.04	49	570	2	0.70	<2	3	77
E:531275	10	1	0.31	10	0.82	188	1	0.06	15	380	2	1.36	<2	2	38
E:531276	<10	<1	0.05	10	0.76	163	6	0.06	25	330	<2	0.74	<2	3	24
E:531277	10	<1	0.07	30	7.45	937	1	0.01	405	1570	<2	0.02	<2	13	104
E:531278	10	<1	0.15	10	1.74	267	2	0.06	64	450	<2	0.36	<2	4	38
E:531279	<10	<1	0.03	10	0.48	101	2	0.06	6	310	2	0.32	<2	1	21
E:531280	<10	<1	0.28	10	1.06	336	2	0.47	51	790	58	3.22	<2	1	105
E:531281	<10	<1	0.05	10	0.70	114	1	0.05	8	310	3	0.54	<2	1	17
E:531282	10	<1	0.13	10	0.80	132	5	0.05	10	320	2	0.34	<2	1	26
E:531283	10	<1	0.16	10	0.79	128	1	0.07	11	330	2	0.14	<2	1	39

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CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531244		<20	0.06	<10	<10	15	<10	30
E:531245		<20	0.05	<10	<10	14	<10	27
E:531246		<20	0.04	<10	<10	9	<10	29
E:531247		<20	0.04	<10	<10	7	<10	49
E:531248		<20	0.05	<10	<10	8	<10	42
E:531249		<20	0.07	<10	<10	16	<10	32
E:531250		<20	0.07	<10	<10	18	<10	18
E:531251		<20	0.06	<10	<10	16	<10	26
E:531252		<20	0.06	<10	<10	13	<10	20
E:531253		<20	0.06	<10	<10	13	<10	21
E:531254		<20	0.05	<10	<10	12	<10	20
E:531255		<20	0.08	<10	<10	21	<10	31
E:531256		<20	0.06	<10	<10	18	<10	20
E:531257		<20	0.07	<10	<10	23	<10	37
E:531258		<20	0.05	<10	<10	12	<10	23
E:531259		<20	0.07	<10	<10	15	<10	23
E:531260		<20	0.05	<10	<10	15	<10	28
E:531261		<20	0.15	<10	<10	89	<10	138
E:531262		<20	0.11	<10	<10	68	<10	103
E:531263		<20	0.06	<10	<10	22	<10	23
E:531264		<20	0.11	<10	<10	58	<10	62
E:531265		<20	0.09	<10	<10	49	<10	33
E:531266		<20	0.15	<10	<10	94	<10	75
E:531267		<20	0.08	<10	<10	21	<10	19
E:531268		<20	0.09	<10	<10	40	<10	29
E:531269		<20	0.19	<10	<10	85	<10	77
E:531270		<20	0.18	<10	<10	72	<10	63
E:531271		<20	0.20	<10	<10	72	<10	66
E:531272		<20	0.22	<10	<10	61	<10	63
E:531273		<20	0.25	<10	<10	140	<10	47
E:531274		<20	0.28	<10	<10	152	<10	41
E:531275		<20	0.09	<10	<10	29	<10	21
E:531276		<20	0.07	<10	<10	27	<10	15
E:531277		<20	0.12	<10	<10	113	<10	96
E:531278		<20	0.08	<10	<10	46	<10	30
E:531279		<20	0.06	<10	<10	19	<10	17
E:531280		<20	0.26	<10	<10	33	<10	47
E:531281		<20	0.05	<10	<10	17	<10	21
E:531282		<20	0.08	<10	<10	21	<10	22
E:531283		<20	0.09	<10	<10	23	<10	23

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E:531284		3.04	<0.005	<0.2	0.92	<2	<10	60	<0.5	<2	0.42	<0.5	12	23	207	2.63
E:531285		3.18	0.007	0.2	1.18	2	<10	40	<0.5	<2	0.54	<0.5	10	56	442	2.50
E:531286		2.75	0.010	0.4	0.78	<2	<10	50	<0.5	<2	0.63	<0.5	14	19	741	2.31
E:531287		3.15	0.007	0.3	0.79	<2	<10	40	<0.5	<2	0.63	<0.5	9	17	493	2.03
E:531288		2.82	0.022	0.8	0.72	<2	<10	30	<0.5	<2	0.77	<0.5	12	13	1210	2.02
E:531289		3.12	0.011	0.6	0.56	<2	<10	20	<0.5	<2	1.17	<0.5	15	9	852	2.35
E:531290		3.19	0.005	0.3	0.53	<2	<10	40	<0.5	<2	0.65	<0.5	8	9	309	1.28
E:531291		2.41	0.006	<0.2	0.61	<2	<10	30	<0.5	<2	0.57	<0.5	7	12	269	1.71
E:531292		2.69	0.050	0.7	0.76	<2	<10	30	<0.5	<2	0.50	<0.5	11	15	1795	1.98
E:531293		2.78	0.040	1.4	0.75	<2	<10	30	<0.5	<2	0.53	<0.5	8	20	1675	1.56
E:531294		2.93	0.029	0.8	0.83	<2	<10	30	<0.5	<2	0.61	<0.5	18	19	1120	2.39
E:531295		2.97	0.014	0.6	0.75	<2	<10	20	<0.5	<2	0.71	<0.5	22	16	661	2.40
E:531296		2.80	0.016	0.3	0.48	<2	<10	30	<0.5	<2	0.59	<0.5	12	10	531	1.30
E:531297		2.88	0.018	0.2	0.40	2	<10	20	<0.5	<2	0.55	<0.5	12	12	365	1.22
E:531298		2.92	0.059	1.1	0.61	<2	<10	30	<0.5	<2	0.58	<0.5	21	10	831	1.73
E:531299		3.07	0.017	0.7	0.60	<2	<10	40	<0.5	<2	0.61	<0.5	15	11	490	1.57
E:531300		1.99	0.013	0.5	0.82	<2	<10	50	<0.5	<2	0.42	<0.5	14	11	414	2.03
E:531301		1.96	<0.005	0.2	0.64	<2	<10	50	<0.5	<2	0.40	<0.5	9	12	143	1.44
E:531302		2.81	0.011	0.9	0.60	<2	<10	40	<0.5	<2	0.44	<0.5	19	13	422	1.51
E:531303		3.00	0.009	0.4	0.60	<2	<10	30	<0.5	<2	0.49	<0.5	6	10	202	1.31
E:531304		3.25	0.010	0.3	0.53	2	<10	30	<0.5	<2	0.70	<0.5	11	9	290	1.48
E:531305		3.02	0.018	0.8	0.48	<2	<10	20	<0.5	<2	0.88	<0.5	10	8	629	1.41
E:531306		3.05	0.019	0.9	0.53	<2	<10	30	<0.5	<2	0.69	<0.5	12	8	789	1.51
E:531307		2.97	0.015	0.5	0.58	<2	<10	20	<0.5	<2	0.70	<0.5	11	12	447	1.81
E:531308		2.99	0.024	8.3	0.59	2	<10	20	<0.5	<2	0.67	<0.5	10	10	927	1.32
E:531309		2.91	0.036	1.9	0.58	<2	<10	10	<0.5	<2	0.71	<0.5	12	12	1195	1.37
E:531310		2.85	0.050	2.2	0.49	2	<10	10	<0.5	<2	0.75	<0.5	8	13	1660	1.04
E:531311		2.04	0.034	1.3	0.33	<2	<10	10	<0.5	<2	0.74	<0.5	7	8	1110	0.95
E:531312		2.10	0.050	1.8	0.39	<2	<10	10	<0.5	<2	0.78	<0.5	8	22	1470	0.89

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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 Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E531284		10	<1	0.16	10	0.85	119	1	0.06	12	340	2	0.30	<2	1	44
E531285		10	<1	0.14	10	1.27	169	2	0.05	28	360	<2	0.21	<2	1	39
E531286		<10	<1	0.12	<10	0.73	142	2	0.06	9	330	2	1.27	<2	1	24
E531287		<10	<1	0.10	<10	0.68	151	2	0.05	8	330	2	0.60	<2	1	34
E531288		<10	<1	0.09	10	0.61	168	2	0.05	10	310	2	1.13	<2	1	27
E531289		<10	<1	0.06	10	0.44	159	4	0.05	8	310	2	1.85	<2	1	29
E531290		<10	<1	0.09	10	0.35	93	4	0.04	5	310	2	0.53	<2	<1	30
E531291		<10	<1	0.06	10	0.50	122	1	0.05	6	320	2	0.27	<2	1	25
E531292		<10	<1	0.06	10	0.66	143	1	0.05	11	310	<2	0.66	<2	1	29
E531293		<10	<1	0.09	10	0.66	139	2	0.05	10	320	2	0.44	<2	1	26
E531294		<10	<1	0.07	10	0.74	162	4	0.06	10	340	2	1.34	<2	1	27
E531295		<10	<1	0.05	10	0.64	162	5	0.06	9	330	2	1.44	<2	1	28
E531296		<10	<1	0.06	10	0.33	87	4	0.05	6	320	<2	0.87	<2	<1	25
E531297		<10	<1	0.06	10	0.26	78	6	0.05	4	290	2	0.88	<2	<1	23
E531298		<10	<1	0.08	10	0.43	141	2	0.05	6	320	2	1.13	<2	1	26
E531299		<10	<1	0.07	10	0.43	102	2	0.05	6	320	2	0.61	<2	1	30
E531300		<10	<1	0.15	10	0.64	101	1	0.05	9	380	<2	0.46	<2	1	33
E531301		<10	<1	0.08	10	0.46	71	1	0.05	5	320	2	0.12	<2	1	31
E531302		<10	<1	0.06	10	0.40	80	5	0.05	6	290	2	0.42	<2	1	27
E531303		<10	<1	0.05	10	0.41	80	1	0.05	5	320	2	0.26	<2	1	28
E531304		<10	<1	0.05	10	0.34	87	1	0.05	4	320	3	0.90	<2	1	23
E531305		<10	<1	0.05	10	0.31	97	1	0.05	6	300	3	0.86	<2	1	25
E531306		<10	<1	0.05	10	0.37	85	1	0.05	6	310	3	1.01	<2	1	22
E531307		<10	<1	0.06	10	0.38	96	1	0.06	5	320	3	1.22	<2	1	25
E531308		<10	<1	0.05	10	0.40	92	2	0.06	6	300	2	0.72	<2	1	23
E531309		<10	<1	0.04	10	0.42	101	3	0.06	5	310	2	0.79	<2	1	24
E531310		<10	<1	0.04	10	0.36	91	6	0.07	5	270	3	0.64	<2	1	20
E531311		<10	<1	0.03	10	0.22	80	13	0.05	4	280	2	0.63	<2	1	19
E531312		<10	<1	0.04	10	0.27	79	5	0.06	8	310	2	0.58	<2	1	18

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020484

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm 20	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
E531284		<20	0.09	<10	<10	27	<10	23
E531285		<20	0.09	<10	<10	29	<10	30
E531286		<20	0.06	<10	<10	17	<10	27
E531287		<20	0.06	<10	<10	18	<10	27
E531288		<20	0.05	<10	<10	13	<10	26
E531289		<20	0.04	<10	<10	8	<10	20
E531290		<20	0.04	<10	<10	7	<10	16
E531291		<20	0.05	<10	<10	13	<10	20
E531292		<20	0.06	<10	<10	16	<10	29
E531293		<20	0.06	<10	<10	19	<10	28
E531294		<20	0.05	<10	<10	18	<10	35
E531295		<20	0.05	<10	<10	15	<10	29
E531296		<20	0.03	<10	<10	6	<10	17
E531297		<20	0.03	<10	<10	5	<10	12
E531298		<20	0.03	<10	<10	8	<10	25
E531299		<20	0.05	<10	<10	11	<10	22
E531300		<20	0.07	<10	<10	21	<10	34
E531301		<20	0.05	<10	<10	14	<10	20
E531302		<20	0.04	<10	<10	10	<10	21
E531303		<20	0.04	<10	<10	10	<10	20
E531304		<20	0.03	<10	<10	6	<10	18
E531305		<20	0.03	<10	<10	6	<10	18
E531306		<20	0.03	<10	<10	7	<10	20
E531307		<20	0.03	<10	<10	7	<10	20
E531308		<20	0.03	<10	<10	8	<10	24
E531309		<20	0.04	<10	<10	10	<10	25
E531310		<20	0.04	<10	<10	9	<10	23
E531311		<20	0.03	<10	<10	5	<10	15
E531312		<20	0.03	<10	<10	9	<10	20

Comments: 217 SAMPLES SPLIT INTO 2 WORKORDERS OF 108 AND 109 SAMPLES EACH



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Finalized Date: 3-MAR-2010
Account: RRR

CERTIFICATE TB10020485

Project: Off Lake
P.O. No.: DDH OL10-02
This report is for 71 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-FEB-2010.

The following have access to data associated with this certificate:

STU AVERILL

CJ BAKER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
ATTN: CJ BAKER
P.O.BOX 5, 48 MARION STREET
ECHO LAKES ESTATE
EMO ON P0W 1E0

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



Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020485

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
E531313		1.55	<0.005	0.2	0.89	<2	<10	30	<0.5	<2	0.56	<0.5	66	15	237	2.86
E531314		1.81	<0.005	<0.2	1.42	<2	<10	10	<0.5	<2	1.82	<0.5	62	55	255	7.64
E531315		3.20	0.008	<0.2	1.12	<2	<10	10	<0.5	<2	0.98	<0.5	52	58	304	5.83
E531316		1.46	0.006	<0.2	2.44	<2	<10	<10	<0.5	<2	0.69	<0.5	76	72	140	8.77
E531317		2.36	<0.005	<0.2	2.22	<2	<10	<10	<0.5	<2	3.11	<0.5	54	62	91	8.48
E531318		2.87	0.010	<0.2	0.51	<2	<10	10	<0.5	<2	1.90	<0.5	18	7	434	1.66
E531319		2.56	<0.005	<0.2	0.44	<2	<10	<10	<0.5	<2	2.70	<0.5	14	6	144	1.37
E531320		0.72	0.009	<0.2	0.76	3	<10	120	<0.5	<2	1.26	<0.5	10	124	76	2.61
E531321		2.76	0.035	0.5	0.52	<2	<10	<10	<0.5	<2	1.13	<0.5	35	7	1250	2.85
E531322		2.95	0.017	0.7	0.59	<2	<10	10	<0.5	<2	0.83	<0.5	42	12	633	2.30
E531323		2.19	0.007	0.5	0.62	<2	<10	10	<0.5	<2	1.84	<0.5	20	8	336	1.46
E531324		1.48	0.015	0.2	2.57	<2	<10	10	<0.5	<2	2.48	<0.5	77	56	663	6.36
E531325		1.41	0.005	<0.2	2.13	<2	<10	10	<0.5	<2	1.74	<0.5	46	65	189	7.80
E531326		2.63	0.016	0.2	1.28	<2	<10	<10	<0.5	<2	0.65	<0.5	147	36	112	6.34
E531327		0.69	<0.005	<0.2	0.67	<2	<10	10	<0.5	<2	0.42	<0.5	43	20	29	2.14
E531328		2.46	<0.005	<0.2	1.52	3	<10	10	<0.5	<2	0.74	<0.5	76	54	51	6.41
E531329		3.40	<0.005	<0.2	1.42	<2	<10	10	<0.5	<2	0.84	<0.5	49	68	47	6.67
E531330		2.34	<0.005	<0.2	1.50	2	<10	10	<0.5	<2	0.80	<0.5	69	65	62	7.23
E531331		2.39	<0.005	<0.2	1.89	<2	<10	20	<0.5	<2	0.66	<0.5	74	61	58	8.18
E531332		1.10	0.005	<0.2	3.48	<2	<10	10	<0.5	<2	0.50	<0.5	49	58	31	9.41
E531333		3.35	<0.005	0.2	0.69	<2	<10	10	<0.5	<2	0.20	<0.5	15	11	11	1.42
E531334		2.13	<0.005	<0.2	0.66	<2	<10	10	<0.5	<2	0.19	<0.5	30	11	34	2.15
E531335		1.59	<0.005	<0.2	2.49	2	<10	<10	<0.5	<2	0.60	<0.5	42	57	36	7.70
E531336		2.74	0.006	0.2	1.71	<2	<10	30	<0.5	<2	1.05	<0.5	40	52	114	6.88
E531337		0.52	0.008	0.2	1.85	3	<10	120	<0.5	<2	1.13	<0.5	63	23	204	6.45
E531338		2.60	0.015	0.4	1.58	<2	<10	30	<0.5	<2	1.22	<0.5	63	29	303	6.45
E531339		2.74	<0.005	0.2	0.52	<2	<10	30	<0.5	<2	0.85	<0.5	39	8	152	1.76
E531340		3.01	<0.005	<0.2	0.56	<2	<10	10	<0.5	<2	0.80	<0.5	25	11	97	1.66
E531341		3.10	<0.005	<0.2	0.49	<2	<10	10	<0.5	<2	0.58	<0.5	8	11	28	0.85
E531342		2.90	<0.005	<0.2	0.60	2	<10	10	<0.5	<2	0.60	<0.5	6	10	9	1.06
E531343		2.96	<0.005	<0.2	0.60	<2	<10	10	<0.5	<2	0.66	<0.5	3	11	5	0.93
E531344		1.97	<0.005	<0.2	0.63	<2	<10	10	<0.5	<2	0.74	<0.5	4	10	10	1.22
E531345		1.60	<0.005	<0.2	0.64	<2	<10	10	<0.5	<2	0.72	<0.5	7	9	8	1.17
E531346		1.48	<0.005	<0.2	1.74	<2	<10	10	<0.5	<2	1.87	<0.5	24	42	80	6.31
E531347		1.79	<0.005	<0.2	2.86	3	<10	80	<0.5	<2	2.15	<0.5	32	52	89	9.40
E531348		2.06	<0.005	<0.2	3.01	<2	<10	30	<0.5	<2	0.59	<0.5	20	59	21	10.70
E531349		1.38	<0.005	<0.2	3.01	<2	<10	20	<0.5	<2	2.50	<0.5	23	51	23	9.59
E531350		1.64	<0.005	<0.2	2.71	<2	<10	20	<0.5	<2	2.68	<0.5	26	44	62	8.57
E531351		2.26	<0.005	0.2	1.00	<2	<10	10	<0.5	<2	1.04	<0.5	36	39	213	5.74
E531352		1.96	<0.005	<0.2	1.48	2	<10	20	<0.5	<2	1.09	<0.5	22	42	70	6.10



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
E531313		10	<1	0.21	20	0.73	127	4	0.06	23	470	2	1.28	<2	3	15
E531314		10	1	0.05	<10	1.29	272	<1	0.06	37	750	<2	1.84	<2	5	19
E531315		<10	<1	0.03	<10	0.92	172	<1	0.07	38	780	<2	1.09	<2	4	16
E531316		10	<1	0.01	<10	2.28	347	<1	0.03	48	920	<2	1.42	<2	3	42
E531317		10	<1	<0.01	<10	2.14	541	<1	0.03	40	780	<2	1.16	<2	4	39
E531318		<10	<1	0.02	<10	0.39	190	<1	0.06	11	350	<2	1.03	<2	1	22
E531319		<10	<1	0.01	<10	0.33	244	<1	0.06	7	300	<2	0.86	<2	1	30
E531320		<10	<1	0.45	80	0.77	288	1	0.09	34	3020	4	0.01	<2	2	159
E531321		<10	<1	0.02	<10	0.38	139	1	0.07	10	310	<2	2.34	<2	1	14
E531322		<10	<1	0.02	<10	0.45	124	4	0.06	18	340	3	1.61	<2	2	13
E531323		<10	<1	0.02	<10	0.46	186	2	0.06	10	320	2	0.72	<2	1	24
E531324		10	<1	0.09	10	2.45	437	<1	0.03	53	820	<2	2.76	<2	3	38
E531325		10	<1	0.06	<10	2.05	350	<1	0.03	40	760	<2	1.26	<2	2	33
E531326		10	<1	0.03	10	1.08	170	1	0.06	47	680	<2	4.31	<2	3	24
E531327		<10	<1	0.03	10	0.57	90	2	0.06	22	600	<2	1.37	<2	1	15
E531328		10	<1	0.04	<10	1.34	189	2	0.07	41	690	<2	2.36	<2	4	21
E531329		10	<1	0.05	<10	1.18	163	<1	0.07	38	690	<2	1.38	<2	4	18
E531330		10	<1	0.08	<10	1.32	174	3	0.06	42	740	<2	1.88	<2	3	18
E531331		10	<1	0.13	<10	1.70	207	7	0.05	40	690	<2	1.90	<2	3	23
E531332		10	<1	0.05	10	3.33	387	<1	0.02	41	700	<2	1.54	<2	2	25
E531333		<10	<1	0.02	10	0.49	90	<1	0.07	8	330	2	0.43	<2	1	9
E531334		<10	<1	0.03	10	0.47	92	<1	0.06	11	310	2	1.18	<2	1	13
E531335		10	<1	0.01	<10	2.27	302	<1	0.03	37	920	<2	1.52	<2	2	25
E531336		10	<1	0.17	<10	1.43	228	<1	0.05	27	780	<2	1.46	<2	4	31
E531337		10	<1	0.57	<10	1.51	231	<1	0.05	29	880	<2	2.21	<2	4	36
E531338		10	<1	0.17	<10	1.27	258	<1	0.05	30	760	2	2.77	<2	4	33
E531339		<10	<1	0.10	<10	0.31	117	4	0.06	8	310	<2	1.19	<2	1	11
E531340		<10	<1	0.05	<10	0.37	118	1	0.06	9	320	<2	0.80	<2	1	12
E531341		<10	<1	0.02	<10	0.35	86	1	0.07	5	300	<2	0.22	<2	1	12
E531342		<10	<1	0.02	<10	0.42	106	<1	0.06	6	310	<2	0.16	<2	1	13
E531343		<10	<1	0.03	10	0.42	110	<1	0.07	2	310	<2	0.05	<2	1	16
E531344		<10	<1	0.02	10	0.43	125	<1	0.07	4	310	<2	0.10	<2	1	19
E531345		<10	<1	0.02	10	0.45	114	<1	0.07	4	310	<2	0.18	<2	1	15
E531346		10	<1	0.07	10	1.45	258	<1	0.05	21	820	<2	0.79	<2	4	37
E531347		10	1	0.57	<10	2.39	434	<1	0.04	32	800	<2	0.49	<2	6	42
E531348		20	<1	0.17	<10	2.51	354	<1	0.03	33	860	<2	0.27	<2	9	14
E531349		10	<1	0.10	<10	2.54	473	<1	0.04	31	810	<2	0.33	<2	7	34
E531350		10	1	0.13	<10	2.33	440	<1	0.03	29	790	<2	0.43	<2	5	41
E531351		10	<1	0.07	<10	0.74	133	<1	0.10	24	780	<2	1.02	<2	6	13
E531352		10	<1	0.10	<10	1.21	183	<1	0.07	24	760	<2	0.43	<2	4	16



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CERTIFICATE OF ANALYSIS TB10020485

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Th	Tl	Tl	U	V	W	
Units		ppm	%	ppm	ppm	ppm	ppm	
LOR		20	0.01	10	10	1	10	
		Zn						
		ppm					2	
E:531313		<20	0.12	<10	<10	33	<10	19
E:531314		<20	0.22	<10	<10	154	<10	29
E:531315		<20	0.23	<10	<10	114	<10	17
E:531316		<20	0.23	<10	<10	157	<10	65
E:531317		<20	0.19	<10	<10	180	<10	71
E:531318		<20	0.03	<10	<10	20	<10	12
E:531319		<20	0.03	<10	<10	15	<10	9
E:531320		<20	0.16	<10	<10	63	<10	36
E:531321		<20	0.04	<10	<10	18	<10	12
E:531322		<20	0.06	<10	<10	22	<10	21
E:531323		<20	0.04	<10	<10	19	<10	14
E:531324		<20	0.23	<10	<10	103	<10	69
E:531325		<20	0.22	<10	<10	145	<10	57
E:531326		<20	0.19	<10	<10	73	<10	27
E:531327		<20	0.07	<10	<10	25	<10	12
E:531328		<20	0.19	<10	<10	102	<10	31
E:531329		<20	0.21	<10	<10	124	<10	25
E:531330		<20	0.20	<10	<10	122	<10	29
E:531331		<20	0.20	<10	<10	137	<10	40
E:531332		<20	0.20	<10	<10	172	<10	78
E:531333		<20	0.05	<10	<10	20	<10	13
E:531334		<20	0.05	<10	<10	18	<10	12
E:531335		<20	0.23	<10	<10	152	<10	55
E:531336		<20	0.25	<10	<10	148	<10	38
E:531337		<20	0.30	<10	<10	121	<10	45
E:531338		<20	0.27	<10	<10	105	<10	39
E:531339		<20	0.05	<10	<10	10	<10	10
E:531340		<20	0.05	<10	<10	12	<10	14
E:531341		<20	0.05	<10	<10	15	<10	13
E:531342		<20	0.05	<10	<10	17	<10	12
E:531343		<20	0.06	<10	<10	18	<10	13
E:531344		<20	0.06	<10	<10	18	<10	14
E:531345		<20	0.06	<10	<10	16	<10	12
E:531346		<20	0.29	<10	<10	139	<10	36
E:531347		<20	0.32	<10	<10	220	<10	77
E:531348		<20	0.28	<10	<10	260	<10	87
E:531349		<20	0.28	<10	<10	247	<10	89
E:531350		<20	0.28	<10	<10	209	<10	77
E:531351		<20	0.28	<10	<10	131	<10	14
E:531352		<20	0.26	<10	<10	136	<10	21



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CERTIFICATE OF ANALYSIS TB10020485

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531353		1.28	<0.005	<0.2	2.37	<2	<10	10	<0.5	<2	4.15	<0.5	35	46	140	8.65
E531354		3.20	<0.005	<0.2	2.48	<2	<10	10	<0.5	<2	4.07	<0.5	26	52	87	7.72
E531355		1.19	<0.005	<0.2	3.56	<2	<10	<10	<0.5	<2	3.89	<0.5	16	61	10	8.68
E531356		1.96	<0.005	<0.2	0.69	<2	<10	<10	<0.5	<2	1.11	<0.5	15	17	53	1.64
E531357		5.00	0.005	<0.2	0.89	2	<10	10	<0.5	<2	0.78	<0.5	43	19	203	2.91
E531358		2.13	0.005	<0.2	0.75	<2	<10	10	<0.5	<2	1.11	<0.5	37	20	253	2.41
E531359		2.63	<0.005	<0.2	3.96	2	<10	20	<0.5	<2	2.74	<0.5	33	63	29	9.94
E531360		0.08	1.785	0.2	1.26	2	<10	70	0.6	<2	0.50	<0.5	15	42	24	4.83
E531361		1.79	0.005	<0.2	2.20	<2	<10	10	<0.5	<2	1.63	<0.5	31	50	104	7.04
E531362		3.78	0.005	0.2	1.71	2	<10	10	<0.5	<2	0.95	<0.5	38	55	107	6.81
E531363		3.22	<0.005	<0.2	2.63	3	<10	10	<0.5	<2	3.17	<0.5	28	61	78	8.29
E531364		3.71	<0.005	<0.2	2.70	<2	<10	<10	<0.5	<2	2.86	<0.5	34	56	72	7.85
E531365		3.65	<0.005	<0.2	1.87	<2	<10	10	<0.5	<2	1.17	<0.5	26	53	61	5.73
E531366		2.35	0.005	<0.2	2.14	3	<10	<10	<0.5	<2	2.82	<0.5	41	50	75	7.02
E531367		3.33	<0.005	<0.2	3.02	2	<10	10	<0.5	<2	4.41	<0.5	40	58	49	8.70
E531368		3.48	<0.005	<0.2	2.63	2	<10	30	<0.5	<2	2.22	<0.5	42	60	42	8.36
E531369		2.79	0.005	<0.2	2.30	<2	<10	30	<0.5	<2	1.68	<0.5	59	46	48	7.78
E531370		3.95	<0.005	<0.2	1.84	3	<10	30	<0.5	<2	1.35	<0.5	59	52	78	7.28
E531371		2.44	0.013	0.4	3.83	5	<10	110	<0.5	<2	0.65	<0.5	213	56	336	11.35
E531372		3.60	0.012	0.2	3.45	3	<10	90	<0.5	<2	2.30	<0.5	120	57	176	9.46
E531373		3.38	0.023	0.6	3.37	6	<10	20	<0.5	<2	2.66	<0.5	297	51	556	11.70
E531374		3.18	0.005	<0.2	3.13	<2	<10	90	<0.5	<2	2.79	<0.5	48	57	73	7.62
E531375		3.48	0.007	<0.2	3.03	<2	<10	70	<0.5	<2	3.04	<0.5	52	55	77	8.51
E531376		3.46	<0.005	<0.2	2.97	2	<10	10	<0.5	<2	2.89	<0.5	41	55	53	8.23
E531377		1.89	<0.005	<0.2	3.53	2	<10	70	<0.5	<2	3.10	<0.5	48	47	107	7.48
E531378		1.56	0.009	0.3	2.35	3	<10	160	<0.5	<2	1.13	<0.5	79	41	332	6.15
E531379		3.25	<0.005	0.4	1.96	<2	<10	470	<0.5	<2	1.10	<0.5	22	100	30	2.83
E531380		2.18	<0.005	0.2	1.84	<2	<10	400	<0.5	<2	1.21	<0.5	20	95	23	2.77
E531381		1.41	<0.005	<0.2	1.77	2	<10	380	<0.5	<2	0.93	<0.5	23	86	54	3.47
E531382		3.24	0.006	0.5	2.04	<2	<10	180	<0.5	<2	0.96	<0.5	68	55	275	6.83
E531383		2.21	0.005	0.2	1.31	<2	<10	40	<0.5	<2	0.96	<0.5	58	38	149	4.53



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E531353		10	<1	0.04	<10	2.05	451	<1	0.04	28	750	<2	0.94	<2	4	27
E531354		10	<1	0.06	<10	1.96	485	<1	0.06	28	820	<2	0.57	<2	8	55
E531355		20	<1	<0.01	<10	2.74	562	<1	0.04	38	910	<2	0.67	<2	11	44
E531356		<10	<1	0.02	<10	0.49	121	<1	0.06	7	320	2	0.42	<2	2	15
E531357		<10	<1	0.03	10	0.72	130	<1	0.05	17	320	<2	1.40	<2	1	19
E531358		<10	<1	0.03	<10	0.56	132	1	0.06	15	300	2	1.12	<2	1	17
E531359		20	<1	0.10	<10	3.35	548	<1	0.03	47	840	<2	0.92	<2	7	41
E531360		10	<1	0.30	10	1.14	333	2	0.52	53	800	55	3.04	<2	1	119
E531361		10	<1	0.07	<10	1.89	319	<1	0.04	36	760	<2	0.85	<2	3	39
E531362		10	<1	0.04	<10	1.38	223	<1	0.07	35	780	<2	1.11	<2	4	28
E531363		10	<1	0.04	<10	2.20	394	<1	0.04	33	730	<2	0.59	<2	4	41
E531364		10	<1	0.03	<10	2.29	372	<1	0.03	36	740	<2	0.72	<2	3	37
E531365		10	<1	0.05	<10	1.56	217	<1	0.05	28	750	<2	0.53	<2	3	30
E531366		10	<1	0.03	<10	1.88	392	<1	0.03	32	730	<2	0.91	<2	2	34
E531367		10	<1	0.09	<10	2.41	607	<1	0.04	43	660	<2	1.21	<2	7	43
E531368		10	<1	0.20	<10	2.10	414	<1	0.04	41	710	<2	1.32	<2	4	33
E531369		10	<1	0.19	<10	1.94	364	<1	0.05	37	760	<2	2.10	<2	4	27
E531370		10	<1	0.21	<10	1.49	285	<1	0.06	36	760	<2	1.79	<2	4	23
E531371		20	<1	1.31	20	3.22	416	7	0.04	50	940	<2	5.08	<2	3	22
E531372		20	<1	0.67	10	2.66	458	<1	0.04	36	810	<2	3.73	<2	4	43
E531373		20	<1	0.11	<10	2.53	486	1	0.04	61	730	<2	5.93	<2	9	33
E531374		10	<1	0.64	<10	2.51	455	<1	0.03	36	730	<2	1.01	<2	5	47
E531375		10	<1	0.50	<10	2.51	478	<1	0.03	39	680	<2	1.08	<2	4	44
E531376		10	1	0.09	<10	2.53	503	<1	0.03	38	700	<2	0.74	<2	4	43
E531377		10	<1	0.52	<10	3.17	584	<1	0.03	36	660	<2	0.88	<2	3	30
E531378		10	1	0.90	10	2.04	381	1	0.05	44	830	<2	1.71	<2	4	28
E531379		10	1	1.39	40	1.72	359	<1	0.07	58	1670	3	0.24	<2	3	73
E531380		10	<1	1.21	40	1.60	348	<1	0.08	55	1670	3	0.28	<2	3	76
E531381		10	<1	1.13	30	1.50	295	<1	0.08	49	1510	2	0.34	<2	3	58
E531382		10	<1	0.79	20	1.70	290	5	0.06	52	940	<2	2.13	<2	4	31
E531383		<10	<1	0.21	<10	1.03	192	<1	0.08	25	710	<2	1.81	<2	4	16



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303-1620 WEST 8TH AVENUE

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Total # Pages: 3 (A - C)

Finalized Date: 3-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10020485

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531353		<20	0.22	<10	<10	204	<10	34
E:531354		<20	0.31	<10	<10	198	<10	72
E:531355		<20	0.25	<10	<10	206	<10	101
E:531356		<20	0.05	<10	<10	27	<10	18
E:531357		<20	0.08	<10	<10	35	<10	22
E:531358		<20	0.06	<10	<10	25	<10	19
E:531359		<20	0.24	<10	<10	235	<10	114
E:531360		<20	0.28	<10	<10	35	<10	47
E:531361		<20	0.24	<10	<10	150	<10	58
E:531362		<20	0.25	<10	<10	142	<10	37
E:531363		<20	0.24	<10	<10	193	<10	50
E:531364		<20	0.22	<10	<10	178	<10	53
E:531365		<20	0.25	<10	<10	126	<10	35
E:531366		<20	0.20	<10	<10	138	<10	41
E:531367		<20	0.18	<10	<10	194	<10	59
E:531368		<20	0.20	<10	<10	166	<10	53
E:531369		<20	0.21	<10	<10	133	<10	52
E:531370		<20	0.21	<10	<10	130	<10	30
E:531371		<20	0.29	<10	<10	193	<10	82
E:531372		<20	0.25	<10	<10	175	<10	84
E:531373		<20	0.15	<10	<10	182	<10	84
E:531374		<20	0.23	<10	<10	172	<10	74
E:531375		<20	0.23	<10	<10	187	<10	67
E:531376		<20	0.23	<10	<10	170	<10	65
E:531377		<20	0.23	<10	<10	176	<10	76
E:531378		<20	0.27	<10	<10	115	<10	39
E:531379		<20	0.22	<10	<10	66	<10	51
E:531380		<20	0.22	<10	<10	63	<10	49
E:531381		<20	0.22	<10	<10	77	<10	44
E:531382		<20	0.24	<10	<10	104	<10	40
E:531383		<20	0.19	<10	<10	84	<10	20



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Page: 1

Finalized Date: 27-MAR-2010

Account: RRR

CERTIFICATE TB10027380

Project: Off Lake

P.O. No.: OL10-01

This report is for 110 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-MAR-2010.

The following have access to data associated with this certificate:

STU AVERILL

CJ BAKER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

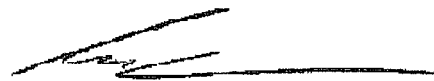
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
 ATTN: CJ BAKER
 P.O.BOX 5, 48 MARION STREET
 ECHO LAKES ESTATE
 EMO ON POW 1E0

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



Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
E531384		0.58	0.006	1.0	2.06	<2	<10	80	<0.5	<2	0.77	<0.5	12	27	895	2.98
E531385		2.64	0.005	0.5	3.80	2	<10	<10	<0.5	<2	0.75	<0.5	48	629	537	4.46
E531386		3.47	<0.005	0.4	3.51	<2	<10	<10	<0.5	<2	0.82	<0.5	35	530	358	3.34
E531387		2.30	0.009	1.1	3.62	2	<10	<10	<0.5	<2	1.11	<0.5	55	524	897	4.11
E531388		2.04	0.016	3.3	4.27	3	<10	<10	<0.5	2	1.08	<0.5	95	598	2660	6.44
E531389		2.32	0.023	4.2	1.88	3	<10	10	<0.5	<2	1.66	<0.5	41	215	3520	3.31
E531390		2.36	0.021	2.9	1.96	4	<10	20	<0.5	<2	0.95	<0.5	38	165	2600	4.60
E531391		1.87	0.056	7.0	2.31	4	<10	20	<0.5	17	0.73	<0.5	67	256	6970	11.10
E531392		2.50	0.029	5.1	1.21	<2	<10	30	<0.5	6	0.42	<0.5	26	19	5650	3.87
E531393		1.43	0.036	6.3	1.70	11	<10	40	<0.5	3	1.48	<0.5	107	197	3100	9.71
E531394		3.09	<0.005	0.3	0.77	<2	<10	30	<0.5	<2	0.51	<0.5	3	5	164	0.78
E531395		2.90	0.005	1.3	0.78	<2	<10	20	<0.5	<2	0.57	<0.5	7	7	1090	1.28
E531396		3.26	<0.005	0.2	0.90	<2	<10	30	<0.5	<2	0.88	<0.5	4	5	167	1.12
E531397		3.03	<0.005	0.9	0.83	<2	<10	20	<0.5	<2	0.61	<0.5	5	8	480	1.14
E531398		2.82	<0.005	0.8	0.68	<2	<10	10	<0.5	<2	0.57	<0.5	4	10	738	0.75
E531399		3.05	<0.005	0.7	0.69	<2	<10	10	<0.5	<2	0.53	<0.5	5	8	655	0.68
E531400		0.52	0.010	<0.2	0.82	<2	<10	130	<0.5	<2	1.35	<0.5	10	126	53	2.64
E531401		3.15	<0.005	0.4	0.75	<2	<10	10	<0.5	<2	0.63	<0.5	6	9	378	0.88
E531402		2.42	<0.005	0.2	0.76	<2	<10	10	<0.5	<2	0.20	<0.5	4	10	151	0.77
E531403		3.56	<0.005	0.4	1.43	<2	<10	10	<0.5	<2	0.28	<0.5	10	9	334	1.80
E531404		2.82	<0.005	1.2	1.00	<2	<10	10	<0.5	<2	0.76	<0.5	11	16	1125	1.32
E531405		3.20	<0.005	1.1	0.76	<2	<10	10	<0.5	<2	0.65	<0.5	18	10	1075	1.40
E531406		3.02	<0.005	0.9	0.79	<2	<10	10	<0.5	<2	0.60	<0.5	22	10	922	1.45
E531407		2.83	<0.005	0.6	0.70	<2	<10	10	<0.5	<2	0.48	<0.5	23	10	506	1.32
E531408		3.19	<0.005	0.6	0.73	<2	<10	10	<0.5	<2	0.47	<0.5	15	11	528	1.29
E531409		3.35	0.010	1.7	0.61	<2	<10	10	<0.5	<2	0.70	<0.5	22	9	1715	1.31
E531410		3.05	0.007	1.4	0.65	<2	<10	<10	<0.5	<2	0.71	<0.5	21	8	1375	1.36
E531411		3.06	0.010	2.6	0.79	2	<10	10	<0.5	<2	0.56	<0.5	21	8	2530	1.64
E531412		2.94	<0.005	1.2	0.67	2	<10	10	<0.5	<2	0.54	<0.5	15	8	1215	1.06
E531413		2.94	<0.005	1.1	0.60	<2	<10	20	<0.5	<2	0.50	<0.5	10	7	1045	1.05
E531414		3.29	<0.005	0.8	0.73	<2	<10	10	<0.5	<2	0.61	<0.5	9	9	748	1.21
E531415		2.97	<0.005	0.8	0.68	<2	<10	10	<0.5	<2	0.57	<0.5	9	10	776	1.27
E531416		2.89	<0.005	1.2	0.69	<2	<10	20	<0.5	<2	0.33	<0.5	9	9	1190	1.05
E531417		3.03	<0.005	1.0	0.69	<2	<10	10	<0.5	<2	0.41	<0.5	12	10	941	1.28
E531418		3.61	<0.005	1.5	0.71	<2	<10	20	<0.5	<2	0.42	<0.5	11	8	1490	1.15
E531419		2.51	<0.005	1.1	0.77	<2	<10	20	<0.5	<2	0.43	<0.5	11	10	1370	1.28
E531420		0.74	<0.005	0.3	2.74	<2	<10	<10	<0.5	<2	5.80	<0.5	18	142	303	2.49
E531421		1.58	0.008	0.5	0.67	<2	<10	20	<0.5	<2	0.52	<0.5	17	12	1095	1.09
E531422		1.33	0.005	<0.2	1.56	<2	<10	<10	<0.5	<2	1.36	<0.5	15	490	171	1.51
E531423		1.07	0.015	2.1	0.71	<2	<10	20	<0.5	<2	0.42	<0.5	13	17	1930	0.97

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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Total # Pages: 4 (A - C)

Finalized Date: 27-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E:531384		<10	<1	0.50	10	1.88	420	28	0.04	40	340	4	0.35	<2	1	26
E:531385		10	<1	<0.01	<10	4.73	488	14	0.01	226	150	2	1.13	<2	2	16
E:531386		<10	<1	<0.01	<10	4.35	461	5	0.01	219	160	<2	0.17	<2	2	28
E:531387		<10	<1	<0.01	<10	4.56	539	64	0.01	222	170	<2	1.22	<2	2	26
E:531388		10	1	<0.01	<10	5.50	642	78	<0.01	272	160	3	3.94	<2	2	28
E:531389		<10	<1	0.07	10	2.18	368	131	0.05	122	240	3	2.70	<2	2	46
E:531390		10	<1	0.09	<10	2.26	317	34	0.05	111	270	3	4.04	<2	2	21
E:531391		<10	<1	0.09	10	2.66	436	42	0.01	160	190	5	>10.0	<2	2	12
E:531392		<10	1	0.12	10	1.19	193	34	0.03	43	210	2	3.52	<2	1	16
E:531393		<10	<1	0.16	<10	1.75	354	19	0.01	285	130	5	>10.0	<2	2	22
E:531394		<10	<1	0.13	<10	0.67	137	83	0.03	9	240	<2	0.43	<2	<1	17
E:531395		<10	<1	0.08	10	0.75	159	28	0.05	9	300	<2	0.92	<2	<1	18
E:531396		<10	<1	0.10	<10	0.86	213	42	0.04	7	260	2	0.80	<2	<1	22
E:531397		<10	<1	0.07	10	0.86	176	20	0.04	11	350	2	0.76	<2	<1	15
E:531398		<10	<1	0.06	10	0.66	120	16	0.06	5	360	<2	0.41	<2	<1	15
E:531399		<10	<1	0.06	10	0.65	114	20	0.07	5	350	<2	0.29	<2	<1	17
E:531400		<10	1	0.47	80	0.82	295	<1	0.12	35	2990	3	<0.01	<2	2	177
E:531401		<10	<1	0.06	10	0.75	124	11	0.07	6	340	2	0.54	<2	1	16
E:531402		<10	<1	0.06	10	0.77	98	14	0.06	6	350	<2	0.37	<2	1	12
E:531403		10	<1	0.05	10	1.66	177	38	0.06	8	360	<2	1.22	<2	1	14
E:531404		<10	<1	0.05	10	1.01	157	32	0.08	8	350	2	0.89	<2	1	19
E:531405		<10	<1	0.04	10	0.75	126	22	0.06	6	390	<2	1.00	<2	1	16
E:531406		<10	<1	0.04	10	0.77	120	19	0.06	7	370	<2	0.99	<2	1	16
E:531407		<10	<1	0.04	20	0.68	104	12	0.07	7	360	<2	0.89	<2	1	14
E:531408		<10	<1	0.05	10	0.71	103	27	0.07	5	360	2	0.94	<2	1	14
E:531409		<10	<1	0.04	10	0.56	119	39	0.06	6	360	2	0.96	<2	1	15
E:531410		<10	<1	0.04	10	0.59	120	20	0.08	5	380	2	1.05	<2	1	17
E:531411		<10	<1	0.06	10	0.75	126	27	0.07	9	360	<2	1.35	<2	1	17
E:531412		<10	<1	0.06	10	0.62	111	31	0.07	6	350	2	0.80	<2	1	17
E:531413		<10	<1	0.06	10	0.53	97	23	0.06	6	360	2	0.78	<2	<1	15
E:531414		<10	<1	0.04	10	0.71	121	12	0.07	5	360	2	0.87	<2	1	18
E:531415		<10	<1	0.06	10	0.59	130	16	0.09	6	360	<2	0.79	<2	1	19
E:531416		<10	<1	0.06	10	0.66	93	22	0.07	6	340	<2	0.76	<2	1	17
E:531417		<10	<1	0.05	10	0.66	94	18	0.08	7	360	<2	0.97	<2	1	19
E:531418		<10	<1	0.07	10	0.72	90	30	0.06	7	320	2	0.86	<2	<1	19
E:531419		<10	<1	0.05	10	0.77	118	22	0.09	7	390	<2	0.66	<2	1	20
E:531420		10	<1	0.01	10	3.65	681	19	0.04	85	480	7	0.60	<2	4	75
E:531421		<10	<1	0.04	10	0.70	106	12	0.08	10	370	<2	0.60	<2	1	21
E:531422		<10	<1	0.02	20	1.94	274	1	0.04	111	1510	<2	0.06	<2	3	60
E:531423		<10	<1	0.04	10	0.74	100	11	0.08	12	360	2	0.54	<2	1	28

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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Page: 2 - C

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Finalized Date: 27-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E531384		<20	0.11	<10	<10	37	<10	109
E531385		<20	0.04	<10	<10	39	<10	226
E531386		<20	0.05	<10	<10	37	<10	225
E531387		<20	0.05	<10	<10	38	<10	255
E531388		<20	0.05	<10	<10	45	<10	295
E531389		<20	0.04	<10	<10	21	<10	119
E531390		<20	0.03	<10	<10	17	<10	132
E531391		<20	0.03	<10	<10	22	<10	180
E531392		<20	0.02	<10	<10	8	<10	103
E531393		<20	0.04	<10	<10	16	<10	132
E531394		<20	0.02	<10	<10	4	<10	41
E531395		<20	0.02	<10	<10	6	<10	48
E531396		<20	0.02	<10	<10	8	<10	52
E531397		<20	0.02	<10	<10	6	<10	49
E531398		<20	0.01	<10	<10	5	<10	34
E531399		<20	0.02	<10	<10	6	<10	31
E531400		<20	0.17	<10	<10	66	<10	37
E531401		<20	0.01	<10	<10	7	<10	33
E531402		<20	0.02	<10	<10	7	<10	33
E531403		<20	0.02	<10	<10	14	<10	68
E531404		<20	0.02	<10	<10	12	<10	41
E531405		<20	0.01	<10	<10	9	<10	31
E531406		<20	0.01	<10	<10	10	<10	32
E531407		<20	0.01	<10	<10	9	<10	26
E531408		<20	0.01	<10	<10	8	<10	27
E531409		<20	0.01	<10	<10	8	<10	25
E531410		<20	0.01	<10	<10	8	<10	25
E531411		<20	0.02	<10	<10	8	<10	30
E531412		<20	0.02	<10	<10	7	<10	23
E531413		<20	0.02	<10	<10	6	<10	20
E531414		<20	0.02	<10	<10	9	<10	25
E531415		<20	0.02	<10	<10	8	<10	21
E531416		<20	0.02	<10	<10	7	<10	24
E531417		<20	0.02	<10	<10	8	<10	22
E531418		<20	0.02	<10	<10	7	<10	23
E531419		<20	0.02	<10	<10	10	<10	21
E531420		<20	0.03	<10	<10	46	<10	84
E531421		<20	0.02	<10	<10	11	<10	18
E531422		<20	0.06	<10	<10	25	<10	43
E531423		<20	0.03	<10	<10	10	<10	21

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531424		1.40	0.005	0.9	0.59	<2	<10	30	<0.5	<2	0.37	<0.5	6	8	910	0.80
E531425		1.64	0.011	1.9	0.54	<2	<10	10	<0.5	<2	0.40	<0.5	7	8	1895	0.77
E531426		1.77	<0.005	0.6	0.55	<2	<10	10	<0.5	<2	0.40	<0.5	14	8	530	1.27
E531427		3.10	<0.005	0.8	0.60	<2	<10	10	<0.5	<2	0.42	<0.5	16	9	748	1.19
E531428		3.20	<0.005	0.9	0.62	<2	<10	10	<0.5	<2	0.37	<0.5	14	10	931	0.93
E531429		3.04	<0.005	1.0	0.70	<2	<10	10	<0.5	<2	0.45	<0.5	11	10	983	1.17
E531430		2.05	0.008	2.5	0.81	<2	<10	10	<0.5	<2	0.63	<0.5	14	8	2510	1.36
E531431		2.14	0.012	4.4	0.70	<2	<10	10	<0.5	<2	0.60	<0.5	15	10	4920	1.60
E531432		3.07	<0.005	1.4	0.72	<2	<10	20	<0.5	<2	0.44	<0.5	10	10	1420	1.06
E531433		1.39	0.005	1.2	0.99	<2	<10	30	<0.5	<2	0.46	<0.5	10	10	1230	1.69
E531434		1.68	<0.005	<0.2	1.34	<2	<10	<10	<0.5	<2	2.17	<0.5	20	306	95	1.47
E531435		2.26	0.005	1.4	0.86	<2	<10	30	<0.5	<2	0.57	<0.5	11	12	1385	1.26
E531436		3.79	0.005	1.7	0.92	<2	<10	20	<0.5	<2	0.55	<0.5	25	44	1735	1.40
E531437		3.14	0.006	1.3	0.78	<2	<10	10	<0.5	<2	0.58	<0.5	22	33	1285	1.30
E531438		2.89	<0.005	0.9	0.76	<2	<10	20	<0.5	<2	0.62	<0.5	13	10	839	1.39
E531439		3.13	<0.005	0.2	1.06	<2	<10	50	<0.5	<2	0.87	<0.5	6	12	230	1.53
E531440		0.06	4.12	0.3	1.21	2	<10	60	0.6	2	0.52	<0.5	14	37	22	4.81
E531441		3.21	<0.005	<0.2	0.89	3	<10	40	<0.5	<2	0.98	<0.5	6	10	16	1.53
E531442		3.26	<0.005	0.3	1.01	<2	<10	40	<0.5	<2	1.34	<0.5	8	12	285	1.37
E531443		2.16	<0.005	0.9	0.80	<2	<10	20	<0.5	<2	0.62	<0.5	8	10	877	0.80
E531444		2.19	<0.005	0.4	1.45	<2	<10	70	<0.5	<2	0.91	<0.5	10	11	219	2.17
E531445		3.10	0.011	2.4	2.04	<2	<10	60	<0.5	<2	0.89	<0.5	61	154	2280	4.72
E531446		3.09	0.019	2.6	1.27	<2	<10	30	<0.5	<2	0.81	<0.5	23	73	2340	2.19
E531447		2.08	0.009	2.0	1.00	<2	<10	10	<0.5	<2	0.34	<0.5	15	15	1485	1.62
E531448		3.41	0.025	1.6	1.50	<2	<10	<10	<0.5	<2	1.42	<0.5	43	169	1300	3.01
E531449		3.46	0.012	0.7	1.32	<2	<10	<10	<0.5	<2	1.22	<0.5	24	146	625	2.02
E531450		3.58	0.012	0.9	1.45	<2	<10	<10	<0.5	<2	1.47	<0.5	30	137	550	2.07
E531451		3.47	<0.005	1.3	1.44	<2	<10	<10	<0.5	<2	0.66	<0.5	38	155	1035	2.62
E531452		3.68	<0.005	1.0	1.87	2	<10	<10	<0.5	<2	2.22	<0.5	35	159	979	2.67
E531453		2.43	0.015	2.3	1.70	<2	<10	<10	<0.5	<2	0.95	<0.5	51	175	2140	3.48
E531454		0.83	0.006	1.8	1.54	<2	<10	<10	<0.5	<2	0.49	<0.5	34	146	1515	2.42
E531455		2.42	<0.005	0.3	1.26	<2	<10	<10	<0.5	<2	1.05	<0.5	21	112	207	1.63
E531456		1.35	0.005	1.5	1.24	<2	<10	<10	<0.5	<2	1.50	<0.5	29	118	1410	1.94
E531457		2.01	0.006	1.1	1.43	<2	<10	<10	<0.5	2	6.33	<0.5	21	130	991	1.82
E531458		2.57	0.005	1.7	0.77	<2	<10	10	<0.5	<2	0.42	<0.5	20	13	1350	1.55
E531459		3.30	<0.005	1.3	0.96	<2	<10	30	<0.5	<2	0.56	<0.5	24	13	1185	1.46
E531460		2.55	0.005	1.5	0.70	<2	<10	20	<0.5	<2	0.60	<0.5	29	12	1455	1.42
E531461		3.05	<0.005	0.7	0.65	<2	<10	30	<0.5	<2	0.65	<0.5	14	10	583	1.26
E531462		3.25	<0.005	<0.2	0.72	<2	<10	20	<0.5	<2	0.56	<0.5	23	9	58	1.81
E531463		2.92	<0.005	0.3	0.68	<2	<10	10	<0.5	<2	0.49	<0.5	18	10	264	1.51

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
E:531424		<10	<1	0.07	10	0.56	76	21	0.08	5	310	<2	0.54	<2	<1	17
E:531425		<10	1	0.05	10	0.49	79	15	0.09	5	350	<2	0.47	<2	<1	18
E:531426		<10	<1	0.05	10	0.51	80	22	0.07	6	370	<2	1.09	<2	<1	18
E:531427		<10	<1	0.06	10	0.52	84	17	0.10	7	360	<2	0.96	<2	<1	21
E:531428		<10	<1	0.06	10	0.52	77	20	0.09	6	330	<2	0.72	<2	<1	22
E:531429		<10	<1	0.05	10	0.64	104	11	0.09	6	340	<2	0.88	<2	1	23
E:531430		<10	<1	0.07	10	0.72	117	7	0.09	10	340	<2	1.14	<2	1	32
E:531431		<10	<1	0.07	10	0.61	108	12	0.09	13	320	<2	1.39	<2	1	29
E:531432		<10	<1	0.09	10	0.68	106	13	0.10	9	340	2	0.70	<2	1	24
E:531433		<10	<1	0.09	<10	1.08	147	48	0.08	12	360	<2	1.13	<2	1	29
E:531434		<10	<1	0.02	20	1.52	314	1	0.04	70	2090	<2	0.29	<2	4	96
E:531435		<10	<1	0.11	10	0.86	143	31	0.08	12	350	<2	0.78	<2	1	26
E:531436		<10	<1	0.12	10	0.91	143	36	0.10	11	360	<2	0.90	<2	1	27
E:531437		<10	<1	0.07	10	0.72	141	16	0.10	10	320	<2	0.84	<2	1	27
E:531438		<10	<1	0.13	10	0.61	153	47	0.09	11	360	2	1.01	<2	1	29
E:531439		<10	<1	0.26	10	0.81	273	<1	0.09	7	430	2	0.79	<2	1	36
E:531440		<10	<1	0.32	10	1.05	321	1	0.48	50	780	57	3.22	<2	1	107
E:531441		<10	<1	0.23	10	0.68	279	<1	0.07	8	420	<2	0.78	<2	1	28
E:531442		<10	<1	0.31	10	0.87	333	3	0.07	8	420	2	0.61	<2	1	31
E:531443		<10	<1	0.26	10	0.77	158	27	0.08	9	310	<2	0.40	<2	1	18
E:531444		10	<1	0.44	10	1.65	240	86	0.07	20	380	2	1.37	<2	2	26
E:531445		<10	<1	0.41	10	2.22	237	37	0.08	60	170	3	4.24	<2	5	26
E:531446		<10	<1	0.21	10	1.33	159	65	0.08	32	200	2	1.58	<2	3	21
E:531447		<10	<1	0.08	10	1.14	114	18	0.09	22	340	<2	0.99	<2	1	11
E:531448		<10	<1	0.04	<10	1.55	231	8	0.06	46	140	2	1.90	<2	4	33
E:531449		<10	<1	0.03	<10	1.39	201	5	0.06	38	110	<2	0.84	<2	4	31
E:531450		<10	<1	0.02	<10	1.44	240	3	0.06	42	140	2	0.80	<2	3	38
E:531451		<10	<1	0.02	<10	1.57	195	8	0.05	52	120	2	1.29	<2	3	24
E:531452		<10	<1	0.01	<10	1.92	322	10	0.06	54	150	2	1.04	<2	3	42
E:531453		<10	1	0.02	<10	1.85	233	14	0.06	61	120	2	2.15	<2	3	28
E:531454		<10	<1	0.01	10	1.73	192	16	0.06	68	270	<2	1.07	<2	1	16
E:531455		<10	<1	0.02	<10	1.20	188	1	0.05	37	110	<2	0.37	<2	3	37
E:531456		<10	1	0.01	<10	1.33	217	5	0.03	46	100	2	0.77	<2	2	43
E:531457		<10	<1	0.02	<10	1.64	593	14	0.03	33	70	<2	0.68	<2	3	69
E:531458		<10	<1	0.03	<10	0.81	107	19	0.11	16	320	<2	1.00	<2	1	8
E:531459		<10	<1	0.14	10	1.04	136	24	0.11	22	300	<2	0.88	<2	1	10
E:531460		<10	<1	0.10	10	0.71	116	14	0.09	11	300	<2	0.98	<2	1	12
E:531461		<10	<1	0.13	10	0.61	103	16	0.08	9	300	<2	1.02	<2	1	12
E:531462		<10	<1	0.09	10	0.67	114	5	0.11	8	300	<2	1.61	<2	1	16
E:531463		<10	<1	0.06	10	0.62	103	10	0.10	6	310	<2	1.32	<2	1	16

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

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CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Tn ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm
		20	0.01	10	10	1	10
E:531424		<20	0.02	<10	<10	6	<10
E:531425		<20	0.02	<10	<10	5	<10
E:531426		<20	0.02	<10	<10	6	<10
E:531427		<20	0.02	<10	<10	6	<10
E:531428		<20	0.02	<10	<10	6	<10
E:531429		<20	0.02	<10	<10	8	<10
E:531430		<20	0.02	<10	<10	9	<10
E:531431		<20	0.02	<10	<10	9	<10
E:531432		<20	0.03	<10	<10	10	<10
E:531433		<20	0.03	<10	<10	12	<10
E:531434		<20	0.09	<10	<10	26	<10
E:531435		<20	0.03	<10	<10	13	<10
E:531436		<20	0.04	<10	<10	15	<10
E:531437		<20	0.03	<10	<10	11	<10
E:531438		<20	0.03	<10	<10	8	<10
E:531439		<20	0.04	<10	<10	13	<10
E:531440		<20	0.26	<10	<10	33	<10
E:531441		<20	0.04	<10	<10	11	<10
E:531442		<20	0.04	<10	<10	12	<10
E:531443		<20	0.03	<10	<10	10	<10
E:531444		<20	0.07	<10	<10	30	<10
E:531445		<20	0.05	<10	<10	41	<10
E:531446		<20	0.04	<10	<10	26	<10
E:531447		<20	0.05	<10	<10	20	<10
E:531448		<20	0.06	<10	<10	32	<10
E:531449		<20	0.05	<10	<10	29	<10
E:531450		<20	0.05	<10	<10	30	<10
E:531451		<20	0.05	<10	<10	30	<10
E:531452		<20	0.05	<10	<10	31	<10
E:531453		<20	0.05	<10	<10	32	<10
E:531454		<20	0.04	<10	<10	23	<10
E:531455		<20	0.06	<10	<10	26	<10
E:531456		<20	0.06	<10	<10	20	<10
E:531457		<20	0.04	<10	<10	22	<10
E:531458		<20	0.03	<10	<10	15	<10
E:531459		<20	0.04	<10	<10	16	<10
E:531460		<20	0.03	<10	<10	11	<10
E:531461		<20	0.03	<10	<10	7	<10
E:531462		<20	0.03	<10	<10	8	<10
E:531463		<20	0.02	<10	<10	8	<10

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CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531464		2.78	<0.005	0.2	0.56	<2	<10	10	<0.5	<2	0.53	<0.5	16	7	132	1.30
E531465		2.48	<0.005	<0.2	0.64	<2	<10	20	<0.5	<2	0.69	<0.5	16	8	30	1.75
E531466		2.64	<0.005	<0.2	0.65	<2	<10	20	<0.5	<2	0.74	<0.5	13	6	27	1.49
E531467		2.81	0.009	1.7	2.80	<2	<10	20	<0.5	3	1.11	<0.5	50	274	2000	7.51
E531468		2.41	<0.005	<0.2	0.50	<2	<10	40	<0.5	<2	0.69	<0.5	8	7	19	1.59
E531469		3.07	<0.005	<0.2	0.45	<2	<10	40	<0.5	2	0.60	<0.5	4	6	10	1.42
E531470		2.94	<0.005	0.3	0.65	2	<10	40	<0.5	2	0.31	<0.5	11	30	129	2.89
E531471		2.49	0.008	2.7	3.22	3	<10	<10	<0.5	<2	0.40	<0.5	53	384	2600	5.59
E531472		3.91	0.007	1.7	1.96	3	<10	<10	<0.5	<2	0.73	<0.5	53	305	1790	3.56
E531473		3.63	<0.005	0.8	2.21	2	<10	<10	<0.5	<2	0.64	<0.5	61	252	766	3.08
E531474		4.09	0.005	1.5	2.39	3	<10	<10	<0.5	<2	0.86	<0.5	65	395	1185	4.28
E531475		1.90	<0.005	0.4	0.76	<2	<10	20	<0.5	<2	0.25	<0.5	20	30	199	1.64
E531476		2.20	<0.005	0.7	0.82	<2	<10	20	<0.5	<2	0.39	<0.5	22	17	487	1.84
E531477		2.08	<0.005	1.0	0.71	<2	<10	20	<0.5	<2	0.34	<0.5	18	25	789	1.50
E531478		2.81	<0.005	1.0	2.49	2	<10	<10	<0.5	<2	1.40	<0.5	52	395	988	3.22
E531479		1.95	0.010	2.3	3.02	<2	<10	<10	<0.5	2	1.80	<0.5	92	514	2090	4.78
E531480		0.55	0.011	<0.2	0.83	4	<10	140	<0.5	<2	1.39	<0.5	11	133	78	2.62
E531481		2.09	<0.005	0.6	0.76	2	<10	10	<0.5	<2	0.32	<0.5	17	15	512	1.67
E531482		3.30	<0.005	0.4	0.74	2	<10	20	<0.5	<2	0.31	<0.5	28	11	371	2.26
E531483		3.24	<0.005	0.5	0.76	2	<10	20	<0.5	<2	0.50	<0.5	24	15	528	1.96
E531484		3.14	0.011	0.4	0.69	<2	<10	20	<0.5	2	0.48	<0.5	18	15	327	1.81
E531485		3.16	<0.005	0.4	0.63	<2	<10	30	<0.5	2	0.74	<0.5	21	24	351	2.01
E531486		3.05	<0.005	0.5	0.65	3	<10	30	<0.5	2	0.46	<0.5	20	10	408	1.77
E531487		3.25	<0.005	0.8	0.59	<2	<10	20	<0.5	2	0.45	<0.5	17	13	761	1.69
E531488		2.63	0.006	0.6	0.62	<2	<10	20	<0.5	<2	0.61	<0.5	13	11	583	2.06
E531489		3.47	<0.005	0.5	0.57	2	<10	20	<0.5	2	0.58	<0.5	14	13	439	1.96
E531490		3.24	0.005	1.2	0.60	<2	<10	30	<0.5	<2	0.57	<0.5	21	11	1125	2.24
E531491		2.97	<0.005	1.0	0.54	<2	<10	30	<0.5	2	0.60	<0.5	19	11	977	1.90
E531492		3.66	<0.005	0.6	0.51	<2	<10	40	<0.5	<2	0.38	<0.5	22	8	542	2.20
E531493		3.11	<0.005	0.8	0.52	<2	<10	30	<0.5	<2	0.49	<0.5	11	11	675	1.47

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Finalized Date: 27-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E:531464		<10	<1	0.06	10	0.47	90	12	0.09	7	290	<2	1.12	<2	1
E:531465		<10	<1	0.07	10	0.61	106	38	0.08	11	310	<2	1.61	<2	1
E:531466		<10	<1	0.07	10	0.61	121	16	0.08	7	290	<2	1.31	<2	1
E:531467		10	<1	0.05	<10	3.75	443	16	0.03	74	160	3	7.40	<2	3
E:531468		<10	<1	0.11	10	0.38	93	2	0.06	7	330	<2	1.49	<2	<1
E:531469		<10	<1	0.11	10	0.29	91	1	0.07	5	330	<2	1.34	<2	<1
E:531470		<10	<1	0.09	<10	0.61	94	1	0.06	12	310	<2	2.75	<2	1
E:531471		<10	<1	0.01	<10	4.14	419	5	0.01	100	140	2	3.87	<2	3
E:531472		<10	<1	0.01	<10	2.44	278	15	0.02	101	130	<2	2.36	<2	2
E:531473		<10	<1	<0.01	<10	2.80	307	6	0.02	120	130	<2	1.37	<2	2
E:531474		<10	<1	0.01	<10	3.06	340	5	0.02	145	130	2	2.76	<2	2
E:531475		<10	<1	0.05	10	0.74	103	3	0.10	17	260	<2	1.24	<2	1
E:531476		<10	<1	0.13	<10	0.84	131	8	0.10	17	260	<2	1.42	<2	1
E:531477		<10	<1	0.09	10	0.67	107	9	0.09	15	270	<2	1.14	<2	1
E:531478		<10	<1	0.01	<10	3.12	376	6	0.02	153	110	2	1.33	<2	2
E:531479		<10	1	0.01	<10	3.80	472	19	0.02	172	130	<2	2.65	<2	2
E:531480		<10	<1	0.48	80	0.84	293	<1	0.12	38	3070	3	0.02	<2	2
E:531481		<10	<1	0.05	10	0.68	92	3	0.10	10	330	<2	1.13	<2	1
E:531482		<10	<1	0.06	10	0.69	85	3	0.10	14	340	<2	1.91	<2	1
E:531483		<10	<1	0.07	10	0.69	81	4	0.13	11	360	<2	1.76	<2	1
E:531484		<10	<1	0.05	10	0.63	73	13	0.11	14	370	<2	1.60	<2	1
E:531485		<10	<1	0.09	10	0.51	85	12	0.09	18	420	2	1.85	<2	1
E:531486		<10	<1	0.08	10	0.57	72	16	0.08	14	420	<2	1.65	<2	1
E:531487		<10	<1	0.06	<10	0.50	73	16	0.10	11	350	<2	1.54	<2	1
E:531488		<10	<1	0.06	<10	0.54	87	15	0.10	9	330	2	1.97	<2	1
E:531489		<10	<1	0.05	<10	0.50	83	15	0.10	9	350	2	1.85	<2	1
E:531490		<10	<1	0.07	<10	0.46	79	57	0.12	12	290	2	2.24	<2	1
E:531491		<10	<1	0.06	<10	0.45	84	30	0.09	10	340	<2	1.83	<2	1
E:531492		<10	<1	0.09	<10	0.42	66	12	0.04	21	310	9	2.29	<2	1
E:531493		<10	<1	0.07	<10	0.46	78	24	0.05	14	420	8	1.31	<2	1

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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Total # Pages: 4 (A - C)

Finalized Date: 27-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027380

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531464		<20	0.02	<10	<10	5	<10	12
E:531465		<20	0.02	<10	<10	5	<10	16
E:531466		<20	0.02	<10	<10	6	<10	18
E:531467		<20	0.05	<10	<10	46	<10	114
E:531468		<20	0.03	<10	<10	3	<10	12
E:531469		<20	0.03	<10	<10	4	<10	8
E:531470		<20	0.02	<10	<10	7	<10	18
E:531471		<20	0.05	<10	<10	46	<10	109
E:531472		<20	0.04	<10	<10	22	<10	59
E:531473		<20	0.04	<10	<10	22	<10	61
E:531474		<20	0.04	<10	<10	26	<10	78
E:531475		<20	0.02	<10	<10	11	<10	21
E:531476		<20	0.03	<10	<10	12	<10	24
E:531477		<20	0.03	<10	<10	9	<10	18
E:531478		<20	0.04	<10	<10	26	<10	68
E:531479		<20	0.04	<10	<10	37	<10	80
E:531480		<20	0.18	<10	<10	66	<10	40
E:531481		<20	0.03	<10	<10	11	<10	16
E:531482		<20	0.03	<10	<10	10	<10	17
E:531483		<20	0.02	<10	<10	13	<10	17
E:531484		<20	0.02	<10	<10	11	<10	15
E:531485		<20	0.03	<10	<10	11	<10	15
E:531486		<20	0.03	<10	<10	9	<10	20
E:531487		<20	0.02	<10	<10	8	<10	15
E:531488		<20	0.02	<10	<10	8	<10	16
E:531489		<20	0.02	<10	<10	9	<10	15
E:531490		<20	0.02	<10	<10	7	<10	15
E:531491		<20	0.02	<10	<10	8	<10	14
E:531492		<20	0.02	<10	<10	6	<10	17
E:531493		<20	0.03	<10	<10	7	<10	25

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 1

Finalized Date: 25-MAR-2010

Account: RRR

CERTIFICATE TB10027381

Project: Off Lake
 P.O. No.: OL10-01
 This report is for 110 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-MAR-2010.

The following have access to data associated with this certificate:

STU AVERILL	CJ BAKER
-------------	----------

SAMPLE PREPARATION

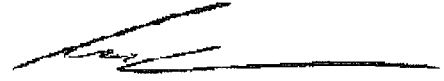
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
 ATTN: CJ BAKER
 P.O.BOX 5, 48 MARION STREET
 ECHO LAKES ESTATE
 EMO ON P0W 1E0

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



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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531494		3.40	<0.005	0.6	0.62	<2	<10	20	<0.5	<2	0.57	<0.5	15	11	565	2.58
E531495		2.45	0.009	2.3	1.09	2	<10	30	<0.5	<2	2.20	<0.5	35	9	2370	3.80
E531496		2.25	0.006	1.6	0.80	<2	<10	20	<0.5	<2	0.33	<0.5	24	12	1735	3.00
E531497		1.88	<0.005	1.3	0.92	<2	<10	10	<0.5	<2	0.23	<0.5	24	13	816	2.79
E531498		1.64	0.012	1.5	3.88	<2	<10	<10	<0.5	<2	2.38	<0.5	72	818	1335	7.12
E531499		1.90	<0.005	0.4	0.75	<2	<10	10	<0.5	<2	0.32	<0.5	22	15	300	2.12
E531500		2.30	<0.005	0.6	0.68	<2	<10	10	<0.5	<2	0.36	<0.5	17	14	320	2.18
E531501		3.31	0.012	3.1	3.06	<2	<10	<10	<0.5	<2	0.53	<0.5	59	737	2150	5.79
E531502		3.95	0.033	4.2	2.72	<2	<10	<10	<0.5	<2	0.53	<0.5	71	429	2150	5.80
E531503		3.62	0.014	2.5	2.27	<2	<10	<10	<0.5	<2	0.52	<0.5	50	386	1500	3.92
E531504		3.62	0.012	1.4	2.90	<2	<10	<10	<0.5	<2	0.35	<0.5	50	423	597	4.98
E531505		3.40	0.029	1.9	3.56	<2	<10	<10	<0.5	<2	0.33	<0.5	52	415	1400	4.68
E531506		3.82	0.011	0.8	1.73	<2	<10	<10	<0.5	<2	0.83	<0.5	57	322	366	2.77
E531507		3.13	0.019	0.9	1.33	<2	<10	<10	<0.5	<2	1.06	<0.5	36	266	656	2.11
E531508		1.99	0.005	0.4	1.07	<2	<10	<10	<0.5	<2	0.76	<0.5	43	200	190	1.81
E531509		1.80	0.016	0.6	1.33	<2	<10	<10	<0.5	<2	1.14	<0.5	27	273	414	1.79
E531510		3.63	0.116	7.3	3.45	3	<10	<10	<0.5	2	0.57	<0.5	92	621	5360	9.27
E531511		3.54	0.022	1.5	1.80	2	<10	10	<0.5	<2	1.53	<0.5	35	223	791	3.62
E531512		3.73	0.026	1.4	1.81	<2	<10	<10	<0.5	<2	1.11	<0.5	22	208	882	2.18
E531513		1.89	0.006	0.4	1.98	<2	<10	<10	<0.5	<2	1.08	<0.5	25	270	253	2.14
E531514		1.69	0.031	3.2	3.98	2	<10	<10	<0.5	<2	0.65	<0.5	54	322	1885	5.51
E531515		2.68	0.010	0.6	1.72	2	<10	10	<0.5	<2	1.09	<0.5	14	150	427	1.69
E531516		3.39	0.018	1.3	2.05	<2	<10	10	<0.5	<2	1.20	<0.5	17	132	986	3.12
E531517		3.39	0.010	1.8	0.62	<2	<10	20	<0.5	<2	0.92	<0.5	12	14	1545	2.51
E531518		3.23	0.012	2.6	0.47	<2	<10	30	<0.5	<2	0.55	<0.5	11	8	2390	1.68
E531519		3.06	0.015	2.8	0.53	<2	<10	30	<0.5	<2	0.64	<0.5	9	7	2720	1.59
E531520		0.09	1.865	0.5	1.26	4	<10	70	0.7	<2	0.53	<0.5	15	44	26	4.77
E531521		3.62	0.005	0.6	0.67	<2	<10	30	<0.5	<2	0.58	<0.5	5	6	646	1.57
E531522		3.31	0.019	2.2	0.54	<2	<10	30	<0.5	<2	0.42	<0.5	9	6	2330	1.46
E531523		3.27	<0.005	0.7	0.76	<2	<10	30	<0.5	<2	1.36	<0.5	7	8	787	1.23
E531524		2.13	<0.005	<0.2	0.64	<2	<10	40	<0.5	<2	0.69	<0.5	4	9	54	0.96
E531525		3.87	0.049	<0.2	0.57	<2	<10	40	<0.5	<2	0.76	<0.5	4	9	15	0.88
E531526		3.32	<0.005	<0.2	0.56	<2	<10	50	<0.5	<2	1.16	<0.5	4	8	5	0.83
E531527		2.17	<0.005	<0.2	0.55	<2	<10	50	<0.5	<2	1.00	<0.5	4	9	5	0.90
E531528		1.20	<0.005	<0.2	0.51	<2	<10	50	<0.5	<2	0.88	<0.5	3	8	7	0.84
E531529		3.08	<0.005	<0.2	0.52	<2	<10	70	<0.5	<2	0.88	<0.5	4	9	6	0.81
E531530		2.57	<0.005	<0.2	0.55	<2	<10	70	<0.5	<2	0.89	<0.5	4	8	45	0.82
E531531		3.22	0.015	4.7	0.45	<2	<10	30	<0.5	<2	0.82	<0.5	9	6	3810	1.53
E531532		3.59	0.015	5.8	0.40	<2	<10	40	<0.5	<2	0.70	<0.5	12	13	5600	1.78
E531533		3.27	0.011	4.6	0.34	<2	<10	30	<0.5	<2	0.91	<0.5	10	5	4920	1.67

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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Total # Pages: 4 (A - C)

Finalized Date: 25-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E:531494		<10	<1	0.07	<10	0.59	95	33	0.04	15	350	6	2.57	<2	1	15
E:531495		<10	<1	0.10	<10	1.16	216	45	0.04	31	270	6	4.26	<2	1	28
E:531496		<10	<1	0.06	<10	0.86	106	49	0.04	21	260	6	2.85	<2	1	9
E:531497		<10	<1	0.04	<10	1.00	116	13	0.04	25	230	5	2.38	<2	1	9
E:531498		10	1	0.02	<10	5.09	575	27	0.01	186	160	<2	5.33	<2	4	20
E:531499		<10	<1	0.03	<10	0.83	107	8	0.05	18	310	6	1.74	<2	1	9
E:531500		<10	<1	0.04	10	0.75	100	10	0.05	13	330	5	1.90	<2	1	9
E:531501		10	<1	0.01	<10	4.06	409	86	0.01	152	150	3	4.09	<2	5	8
E:531502		<10	<1	0.01	<10	3.43	362	33	0.02	149	120	6	4.49	<2	3	10
E:531503		10	<1	0.01	<10	2.82	302	10	0.02	115	110	3	2.45	<2	3	11
E:531504		10	<1	0.01	<10	3.62	342	5	0.01	117	100	3	3.18	<2	3	11
E:531505		10	<1	0.01	<10	4.52	398	18	0.01	151	140	2	2.07	<2	3	9
E:531506		<10	<1	0.01	<10	2.19	241	8	0.02	104	120	4	1.53	<2	3	12
E:531507		<10	<1	0.01	<10	1.64	225	5	0.02	82	120	3	1.13	<2	3	12
E:531508		<10	<1	0.02	<10	1.30	186	4	0.02	72	100	4	1.04	<2	3	12
E:531509		<10	<1	0.02	<10	1.61	261	2	0.02	88	120	3	0.74	<2	4	13
E:531510		10	1	0.01	<10	4.38	633	31	0.01	217	180	7	8.57	<2	7	16
E:531511		<10	<1	0.05	<10	1.96	461	28	0.04	64	190	8	2.66	<2	4	25
E:531512		<10	<1	0.03	<10	1.87	276	26	0.05	52	240	4	0.51	<2	4	30
E:531513		<10	1	0.03	<10	2.09	254	4	0.05	59	180	5	0.27	<2	3	32
E:531514		10	1	0.02	<10	4.49	450	14	0.03	121	200	<2	1.62	<2	4	25
E:531515		10	<1	0.04	<10	1.76	209	25	0.06	49	130	4	0.12	<2	4	35
E:531516		10	<1	0.04	<10	2.23	273	20	0.05	52	170	3	1.14	<2	5	30
E:531517		<10	<1	0.07	10	0.56	114	33	0.06	9	290	6	2.41	<2	1	16
E:531518		<10	<1	0.08	10	0.34	79	60	0.05	6	280	6	1.50	<2	<1	13
E:531519		<10	<1	0.07	10	0.40	90	53	0.05	5	290	5	1.32	<2	1	14
E:531520		<10	<1	0.31	10	1.16	343	2	0.51	59	850	59	3.40	<2	1	125
E:531521		<10	<1	0.07	10	0.50	106	31	0.05	4	310	4	0.96	<2	1	17
E:531522		<10	<1	0.07	10	0.37	98	50	0.05	5	280	5	0.94	<2	1	14
E:531523		<10	<1	0.09	20	0.69	188	32	0.05	7	460	5	0.48	<2	1	19
E:531524		<10	<1	0.10	40	0.44	159	1	0.04	6	590	6	0.13	<2	1	41
E:531525		<10	<1	0.11	40	0.32	171	1	0.04	6	570	7	0.06	<2	1	58
E:531526		<10	<1	0.12	40	0.30	195	1	0.04	6	580	8	0.06	<2	1	67
E:531527		<10	<1	0.12	40	0.29	206	<1	0.04	5	560	7	0.07	<2	1	59
E:531528		<10	1	0.12	40	0.28	181	<1	0.03	7	560	13	0.06	<2	1	58
E:531529		<10	<1	0.14	40	0.27	176	<1	0.03	6	550	12	0.05	<2	1	59
E:531530		<10	<1	0.14	40	0.28	176	<1	0.04	7	570	10	0.12	<2	1	58
E:531531		<10	<1	0.09	10	0.31	111	97	0.04	4	260	6	1.40	<2	<1	23
E:531532		<10	<1	0.11	10	0.27	84	146	0.03	5	230	5	1.82	<2	<1	18
E:531533		<10	<1	0.08	10	0.23	88	83	0.03	4	240	5	1.73	<2	<1	21

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531494		<20	0.03	<10	<10	8	<10	19
E:531495		<20	0.02	<10	<10	11	<10	40
E:531496		<20	0.02	<10	<10	8	<10	28
E:531497		<20	0.02	<10	<10	11	<10	29
E:531498		<20	0.05	<10	<10	72	<10	149
E:531499		<20	0.02	<10	<10	12	<10	23
E:531500		<20	0.02	<10	<10	11	<10	18
E:531501		<20	0.04	<10	<10	59	<10	101
E:531502		<20	0.03	<10	<10	37	<10	81
E:531503		<20	0.03	<10	<10	35	<10	63
E:531504		<20	0.03	<10	<10	43	<10	80
E:531505		<20	0.03	<10	<10	45	<10	103
E:531506		<20	0.03	<10	<10	26	<10	58
E:531507		<20	0.03	<10	<10	23	<10	53
E:531508		<20	0.02	<10	<10	18	<10	48
E:531509		<20	0.03	<10	<10	24	<10	76
E:531510		<20	0.05	<10	<10	46	<10	304
E:531511		<20	0.05	<10	<10	35	<10	157
E:531512		<20	0.05	<10	<10	38	<10	76
E:531513		<20	0.05	<10	<10	38	<10	59
E:531514		<20	0.07	<10	<10	64	<10	137
E:531515		<20	0.05	<10	<10	32	<10	44
E:531516		<20	0.06	<10	<10	39	<10	66
E:531517		<20	0.04	<10	<10	14	<10	25
E:531518		<20	0.02	<10	<10	6	<10	32
E:531519		<20	0.02	<10	<10	7	<10	26
E:531520		<20	0.30	<10	<10	36	<10	47
E:531521		<20	0.03	<10	<10	9	<10	25
E:531522		<20	0.03	<10	<10	7	<10	24
E:531523		<20	0.05	<10	<10	12	<10	32
E:531524		20	0.08	<10	<10	11	<10	35
E:531525		20	0.10	<10	<10	11	<10	34
E:531526		20	0.11	<10	<10	10	<10	25
E:531527		20	0.10	<10	<10	10	<10	21
E:531528		20	0.10	<10	<10	10	<10	36
E:531529		20	0.10	<10	<10	9	<10	33
E:531530		20	0.09	<10	<10	9	<10	37
E:531531		<20	0.02	<10	<10	3	<10	29
E:531532		<20	0.01	<10	<10	3	<10	27
E:531533		<20	0.01	<10	<10	2	<10	21

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	WEI-21	AU-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	
	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	
E531534	3.01	0.013	6.5	0.36	<2	<10	40	<0.5	<2	0.55	<0.5	9	5	5940	1.76	
E531535	3.43	0.008	3.7	0.33	<2	<10	30	<0.5	<2	0.45	<0.5	9	5	3960	1.82	
E531536	2.05	0.012	4.1	0.30	<2	<10	30	<0.5	<2	0.33	<0.5	9	4	4680	1.96	
E531537	2.36	0.007	2.9	0.29	<2	<10	40	<0.5	<2	0.19	<0.5	11	3	2920	2.40	
E531538	1.88	<0.005	0.8	0.25	<2	<10	50	<0.5	<2	0.32	<0.5	13	2	625	3.07	
E531539	2.39	0.005	2.0	0.29	<2	<10	30	<0.5	<2	0.39	<0.5	7	4	2340	2.10	
E531540	3.25	<0.005	2.0	0.33	<2	<10	20	<0.5	<2	0.50	<0.5	8	6	1985	1.75	
E531541	3.42	0.008	2.5	0.32	<2	<10	30	<0.5	<2	0.51	<0.5	8	6	2730	2.01	
E531542	3.21	0.015	5.1	0.32	<2	<10	30	<0.5	<2	0.65	<0.5	10	5	4880	2.01	
E531543	3.31	<0.005	1.6	0.34	<2	<10	30	<0.5	<2	0.62	<0.5	8	6	1605	2.57	
E531544	3.33	<0.005	0.8	0.31	<2	<10	30	<0.5	<2	0.63	<0.5	11	6	793	3.03	
E531545	3.28	<0.005	1.3	0.30	<2	<10	30	<0.5	<2	0.61	<0.5	9	5	1515	2.67	
E531546	3.53	0.008	1.9	0.39	<2	<10	40	<0.5	<2	0.70	<0.5	13	7	2010	3.20	
E531547	2.63	<0.005	1.7	0.43	<2	<10	40	<0.5	<2	0.50	<0.5	11	6	1625	3.25	
E531548	1.76	<0.005	1.9	0.45	<2	<10	40	<0.5	<2	0.32	<0.5	11	8	1835	2.15	
E531549	0.65	<0.005	0.3	1.80	<2	<10	10	<0.5	<2	2.42	<0.5	27	176	293	2.13	
E531550	2.76	<0.005	1.1	0.56	<2	<10	30	<0.5	<2	0.49	<0.5	10	25	1100	2.46	
E531551	3.46	<0.005	1.3	0.47	<2	<10	50	<0.5	<2	0.40	<0.5	13	4	1155	3.32	
E531552	3.20	<0.005	0.6	0.60	2	<10	50	<0.5	<2	0.62	<0.5	10	7	553	2.51	
E531553	3.25	<0.005	1.6	0.46	<2	<10	50	<0.5	<2	0.64	<0.5	10	5	1205	2.88	
E531554	2.11	<0.005	1.6	0.43	<2	<10	40	<0.5	<2	0.46	<0.5	9	10	1255	2.21	
E531555	1.84	<0.005	0.5	0.55	<2	<10	40	<0.5	<2	0.43	<0.5	12	6	428	2.52	
E531556	2.60	0.011	1.8	2.07	<2	<10	40	<0.5	<2	0.71	<0.5	26	48	841	6.68	
E531557	1.83	0.034	3.7	3.15	2	<10	40	<0.5	<2	0.62	<0.5	46	32	3160	8.88	
E531558	2.50	<0.005	0.5	1.07	<2	<10	20	<0.5	<2	0.25	<0.5	12	12	302	2.81	
E531559	2.30	0.028	1.8	1.50	<2	<10	20	<0.5	<2	0.41	<0.5	20	20	1290	4.24	
E531560	0.58	0.011	<0.2	0.74	4	<10	120	<0.5	<2	1.28	<0.5	10	121	55	2.48	
E531561	1.44	0.010	1.5	1.47	<2	<10	20	<0.5	<2	0.35	<0.5	22	23	1090	4.12	
E531562	3.44	<0.005	1.0	1.99	<2	<10	10	<0.5	<2	0.83	<0.5	34	89	540	3.34	
E531563	3.55	0.018	2.0	1.95	<2	<10	<10	<0.5	<2	0.64	<0.5	41	61	1310	4.81	
E531564	3.37	0.009	1.0	1.98	<2	<10	<10	<0.5	<2	0.78	<0.5	28	65	766	2.58	
E531565	3.62	0.005	1.6	1.48	<2	<10	<10	<0.5	<2	0.82	<0.5	32	37	1085	2.21	
E531566	3.37	<0.005	0.6	1.42	<2	<10	<10	<0.5	2	0.81	<0.5	22	30	437	1.75	
E531567	3.67	0.022	1.6	1.38	<2	<10	<10	<0.5	<2	0.77	<0.5	42	21	1300	2.65	
E531568	2.33	<0.005	0.2	1.20	<2	<10	<10	<0.5	<2	0.71	<0.5	40	17	232	2.03	
E531569	2.48	0.016	1.6	2.18	<2	<10	<10	<0.5	<2	1.67	<0.5	39	41	743	4.66	
E531570	3.24	0.010	0.9	1.38	<2	<10	<10	<0.5	<2	1.56	<0.5	42	29	450	3.28	
E531571	3.65	<0.005	0.4	1.27	<2	<10	<10	<0.5	<2	0.86	<0.5	29	25	193	1.94	
E531572	3.69	0.008	<0.2	1.48	<2	<10	<10	<0.5	<2	0.77	<0.5	33	19	127	2.34	
E531573	3.55	0.014	0.2	1.47	<2	<10	<10	<0.5	2	0.87	<0.5	31	21	208	2.34	

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E531534		<10	<1	0.11	10	0.23	68	84	0.04	4	270	8	1.86	<2	<1	15
E531535		<10	<1	0.08	10	0.24	71	36	0.04	5	300	4	1.89	<2	<1	14
E531536		<10	1	0.10	<10	0.17	49	56	0.03	5	290	5	2.13	<2	<1	15
E531537		<10	<1	0.12	10	0.12	32	21	0.02	4	280	6	2.64	<2	<1	15
E531538		<10	<1	0.16	10	0.01	30	27	0.01	5	310	5	3.48	<2	<1	11
E531539		<10	<1	0.10	10	0.15	58	22	0.03	5	310	5	2.28	<2	<1	16
E531540		<10	<1	0.08	10	0.24	71	89	0.04	5	320	4	1.86	<2	<1	17
E531541		<10	<1	0.08	10	0.21	71	83	0.04	5	270	3	2.19	<2	<1	17
E531542		<10	<1	0.08	10	0.23	81	141	0.04	5	230	5	2.19	<2	<1	17
E531543		<10	<1	0.10	10	0.25	81	123	0.04	4	320	4	2.83	<2	<1	17
E531544		<10	<1	0.09	<10	0.20	72	13	0.04	4	300	2	3.48	<2	<1	18
E531545		<10	<1	0.10	10	0.21	76	15	0.04	4	290	3	2.99	<2	<1	19
E531546		<10	<1	0.12	10	0.34	92	103	0.04	5	310	5	3.66	<2	<1	19
E531547		<10	<1	0.14	10	0.39	92	52	0.05	5	290	4	3.58	<2	<1	22
E531548		<10	<1	0.15	10	0.39	79	59	0.04	4	300	5	2.20	<2	1	10
E531549		<10	<1	0.12	20	1.82	461	1	0.03	69	1170	4	0.67	<2	6	101
E531550		<10	<1	0.12	10	0.58	116	24	0.05	11	350	3	2.43	<2	1	13
E531551		<10	<1	0.17	10	0.39	89	31	0.03	5	320	5	3.87	<2	1	12
E531552		<10	<1	0.22	<10	0.65	145	6	0.04	5	290	3	2.66	<2	1	12
E531553		<10	<1	0.22	10	0.37	119	20	0.04	5	310	3	3.14	<2	<1	11
E531554		<10	<1	0.16	10	0.35	112	20	0.04	5	320	4	2.23	<2	<1	8
E531555		<10	<1	0.16	10	0.50	127	4	0.04	6	320	3	2.50	<2	1	8
E531556		10	1	0.16	<10	2.47	412	12	0.03	33	300	3	6.26	<2	2	11
E531557		10	1	0.22	<10	3.74	534	18	0.03	36	310	2	7.98	<2	2	13
E531558		10	1	0.08	<10	1.20	191	8	0.05	13	320	3	2.00	<2	1	5
E531559		10	<1	0.07	<10	1.76	260	30	0.04	16	290	2	3.51	<2	2	5
E531560		<10	<1	0.42	80	0.78	292	1	0.10	37	3070	5	0.01	<2	2	174
E531561		<10	<1	0.11	<10	1.70	255	24	0.04	20	310	3	3.47	<2	2	6
E531562		<10	<1	0.07	<10	2.21	342	9	0.03	50	290	2	1.85	<2	3	18
E531563		<10	<1	0.02	<10	2.15	306	26	0.03	44	150	<2	3.80	<2	3	14
E531564		<10	<1	0.02	<10	2.21	282	8	0.01	46	160	4	0.54	<2	3	14
E531565		<10	<1	0.02	<10	1.51	206	11	0.02	38	170	2	0.86	<2	2	19
E531566		<10	<1	0.03	<10	1.40	203	2	0.02	31	170	2	0.42	<2	2	26
E531567		<10	<1	0.03	<10	1.46	219	28	0.03	44	190	2	1.52	<2	2	16
E531568		<10	<1	0.03	<10	1.19	185	3	0.03	44	170	2	1.00	3	2	15
E531569		<10	1	0.01	<10	2.75	439	11	0.02	50	190	2	3.10	<2	2	14
E531570		<10	<1	0.02	<10	1.49	268	5	0.03	36	270	<2	2.39	<2	2	19
E531571		<10	<1	0.02	<10	1.26	207	1	0.03	37	190	2	0.86	<2	2	16
E531572		<10	<1	0.02	<10	1.46	223	<1	0.04	35	200	2	1.02	<2	2	17
E531573		<10	<1	0.02	<10	1.47	243	3	0.03	34	180	<2	0.96	<2	2	15

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 3 - C

Total # Pages: 4 (A - C)

Finalized Date: 25-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm
		20	0.01	10	10	1	10
E:531534		<20	0.01	<10	<10	3	<10
E:531535		<20	0.01	<10	<10	4	<10
E:531536		<20	0.01	<10	<10	3	<10
E:531537		<20	0.01	<10	<10	1	<10
E:531538		<20	0.01	<10	<10	1	<10
E:531539		<20	0.01	<10	<10	3	<10
E:531540		<20	0.01	<10	<10	4	<10
E:531541		<20	0.01	<10	<10	3	<10
E:531542		<20	0.01	<10	<10	3	<10
E:531543		<20	0.01	<10	<10	4	<10
E:531544		<20	0.01	<10	<10	3	<10
E:531545		<20	0.01	<10	<10	3	<10
E:531546		<20	0.02	<10	<10	5	<10
E:531547		<20	0.02	<10	<10	6	<10
E:531548		<20	0.02	<10	<10	8	<10
E:531549		<20	0.09	<10	<10	39	<10
E:531550		<20	0.03	<10	<10	13	<10
E:531551		<20	0.02	<10	<10	6	<10
E:531552		<20	0.03	<10	<10	8	<10
E:531553		<20	0.02	<10	<10	5	<10
E:531554		<20	0.03	<10	<10	5	<10
E:531555		<20	0.03	<10	<10	7	<10
E:531556		<20	0.06	<10	<10	38	<10
E:531557		<20	0.06	<10	<10	49	<10
E:531558		<20	0.04	<10	<10	23	<10
E:531559		<20	0.05	<10	<10	33	<10
E:531560		<20	0.19	<10	<10	63	<10
E:531561		<20	0.05	<10	<10	33	<10
E:531562		<20	0.06	<10	<10	42	<10
E:531563		<20	0.05	<10	<10	44	<10
E:531564		<20	0.06	<10	<10	42	<10
E:531565		<20	0.05	<10	<10	31	<10
E:531566		<20	0.06	<10	<10	30	<10
E:531567		<20	0.06	<10	<10	30	<10
E:531568		<20	0.05	<10	<10	26	<10
E:531569		<20	0.07	<10	<10	45	<10
E:531570		<20	0.06	<10	<10	32	<10
E:531571		<20	0.06	<10	<10	27	<10
E:531572		<20	0.06	<10	<10	30	<10
E:531573		<20	0.06	<10	<10	30	<10

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 4 - A

Total # Pages: 4 (A - C)

Finalized Date: 25-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531574		3.59	0.017	0.8	1.68	<2	<10	<10	<0.5	<2	0.89	<0.5	30	15	293	2.25
E531575		3.53	0.026	1.3	1.84	<2	<10	<10	<0.5	2	1.17	<0.5	37	15	469	3.07
E531576		3.69	0.014	0.2	1.65	<2	<10	<10	<0.5	<2	0.84	<0.5	29	14	240	2.44
E531577		3.42	0.006	<0.2	1.84	<2	<10	<10	<0.5	<2	0.84	<0.5	24	13	99	2.38
E531578		2.63	0.025	1.0	1.96	<2	<10	<10	<0.5	<2	1.33	<0.5	44	16	464	4.56
E531579		1.38	0.027	1.0	2.26	2	<10	<10	<0.5	2	0.87	<0.5	36	18	526	3.77
E531580		3.71	0.006	0.5	0.86	<2	<10	20	<0.5	<2	0.42	<0.5	21	14	187	2.11
E531581		3.89	0.005	0.5	0.65	<2	<10	40	<0.5	<2	0.51	<0.5	16	17	242	1.57
E531582		2.51	0.040	2.4	1.82	<2	<10	20	<0.5	<2	1.88	<0.5	35	16	915	3.29
E531583		3.73	0.025	1.7	1.82	<2	<10	20	<0.5	<2	1.03	0.6	42	18	545	4.20
E531584		3.40	0.012	0.5	2.49	<2	<10	20	<0.5	<2	2.47	<0.5	37	20	270	4.25
E531585		3.58	0.011	0.6	1.77	<2	<10	30	<0.5	<2	2.03	<0.5	28	14	236	2.79
E531586		2.58	<0.005	0.2	1.77	<2	<10	80	<0.5	<2	1.50	<0.5	27	12	189	2.77
E531587		2.45	0.005	0.6	2.05	<2	<10	40	<0.5	<2	1.15	<0.5	31	12	266	3.55
E531588		1.01	<0.005	0.2	0.73	<2	<10	10	<0.5	<2	0.31	<0.5	12	33	108	2.02
E531589		3.11	0.011	0.8	2.60	<2	<10	20	<0.5	<2	2.60	<0.5	37	12	332	5.05
E531590		2.28	0.015	0.2	3.71	6	<10	30	<0.5	<2	4.78	<0.5	39	17	269	6.13
E531591		1.98	0.011	0.6	1.73	<2	<10	<10	<0.5	<2	2.21	<0.5	44	10	327	3.49
E531592		2.17	<0.005	<0.2	1.03	<2	<10	30	<0.5	<2	0.83	<0.5	12	26	81	1.87
E531593		2.52	<0.005	<0.2	1.51	<2	<10	<10	<0.5	<2	1.19	<0.5	11	7	34	2.03
E531594		3.46	<0.005	<0.2	1.94	<2	<10	<10	<0.5	<2	2.58	<0.5	30	39	102	3.11
E531595		3.49	0.007	<0.2	1.45	<2	<10	10	<0.5	<2	2.75	<0.5	19	31	128	2.02
E531596		3.39	<0.005	0.5	2.53	<2	<10	60	<0.5	<2	3.02	<0.5	48	12	355	4.99
E531597		3.27	<0.005	<0.2	2.09	<2	<10	130	<0.5	<2	2.77	<0.5	29	11	171	4.22
E531598		3.39	0.007	0.4	3.35	<2	<10	110	<0.5	<2	3.16	<0.5	42	189	263	5.23
E531599		3.26	0.009	0.6	1.86	<2	<10	10	<0.5	<2	1.89	<0.5	35	10	301	3.33
E531600		0.65	0.014	<0.2	0.79	2	<10	140	<0.5	<2	1.29	<0.5	10	123	61	2.50
E531601		3.48	0.029	2.0	2.06	2	<10	<10	<0.5	2	1.99	<0.5	53	8	772	4.84
E531602		3.83	0.005	0.7	1.58	<2	<10	<10	<0.5	2	1.29	<0.5	36	6	318	3.31
E531603		3.62	0.006	1.0	1.36	<2	<10	<10	<0.5	<2	1.07	<0.5	46	5	542	3.45

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 4 - B

Total # Pages: 4 (A - C)

Finalized Date: 25-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
E:531574		<10	<1	0.01	<10	1.61	260	<1	0.02	38	240	<2	0.52	<2	2	21
E:531575		<10	<1	0.01	<10	1.90	296	1	0.03	40	190	<2	1.26	<2	2	19
E:531576		<10	<1	0.02	<10	1.59	252	1	0.04	36	180	2	0.78	<2	2	17
E:531577		<10	<1	0.02	<10	1.80	274	<1	0.03	39	180	<2	0.53	<2	2	21
E:531578		<10	<1	0.03	<10	2.11	344	9	0.04	44	180	2	3.25	<2	2	27
E:531579		<10	<1	0.03	<10	2.50	369	<1	0.04	45	200	2	1.81	<2	2	22
E:531580		<10	<1	0.12	10	0.89	167	3	0.04	9	290	2	1.23	<2	1	9
E:531581		<10	<1	0.24	10	0.66	134	4	0.05	7	300	<2	0.94	<2	1	12
E:531582		<10	<1	0.18	<10	1.79	410	4	0.04	41	190	<2	1.57	<2	2	28
E:531583		<10	<1	0.11	<10	1.87	396	6	0.07	43	210	2	2.55	<2	3	19
E:531584		<10	<1	0.17	<10	2.56	642	<1	0.04	46	240	2	1.63	<2	2	18
E:531585		<10	<1	0.18	<10	1.66	402	1	0.07	45	260	<2	0.86	<2	3	21
E:531586		<10	<1	0.52	<10	1.56	320	<1	0.06	41	230	<2	0.59	<2	3	30
E:531587		<10	<1	0.26	<10	1.97	352	<1	0.05	54	230	<2	1.07	<2	3	20
E:531588		<10	<1	0.07	10	0.69	138	<1	0.06	15	320	2	0.99	<2	1	7
E:531589		10	<1	0.17	<10	2.66	566	1	0.03	52	200	<2	2.31	<2	3	18
E:531590		<10	<1	0.22	<10	3.80	876	<1	0.02	61	250	<2	2.01	<2	4	19
E:531591		<10	<1	0.04	<10	1.72	419	<1	0.05	45	250	<2	1.45	<2	3	13
E:531592		<10	<1	0.11	10	0.97	178	1	0.05	18	320	<2	0.51	2	2	7
E:531593		<10	<1	0.04	<10	1.47	282	<1	0.07	41	220	<2	0.10	<2	3	9
E:531594		<10	<1	0.03	<10	1.91	427	<1	0.05	82	400	<2	0.77	<2	3	13
E:531595		<10	<1	0.04	<10	1.31	378	<1	0.08	40	300	<2	0.17	<2	4	17
E:531596		<10	<1	0.30	<10	2.21	511	1	0.06	46	270	<2	1.56	<2	3	36
E:531597		<10	<1	0.58	<10	1.83	416	<1	0.07	38	250	<2	1.08	<2	5	15
E:531598		10	<1	0.56	10	3.31	587	<1	0.03	110	450	<2	1.25	<2	8	31
E:531599		<10	<1	0.04	<10	1.78	365	<1	0.06	45	220	<2	0.87	<2	5	13
E:531600		<10	<1	0.47	80	0.82	278	<1	0.10	37	3040	4	<0.01	<2	2	180
E:531601		<10	<1	0.03	<10	1.96	426	7	0.05	50	250	2	2.55	<2	5	17
E:531602		<10	<1	0.02	<10	1.44	296	5	0.06	54	250	<2	1.15	<2	3	12
E:531603		<10	<1	0.02	<10	1.19	276	11	0.08	58	290	<2	1.38	<2	4	10

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 4 - C

Total # Pages: 4 (A - C)

Finalized Date: 25-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027381

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531574		<20	0.08	<10	<10	32	<10	56
E:531575		<20	0.07	<10	<10	37	<10	69
E:531576		<20	0.07	<10	<10	36	<10	60
E:531577		<20	0.06	<10	<10	38	<10	69
E:531578		<20	0.07	<10	<10	37	<10	99
E:531579		<20	0.07	<10	<10	45	<10	120
E:531580		<20	0.05	<10	<10	18	<10	46
E:531581		<20	0.05	<10	<10	17	<10	40
E:531582		<20	0.09	<10	<10	44	<10	141
E:531583		<20	0.09	<10	<10	48	<10	215
E:531584		<20	0.09	<10	<10	64	<10	239
E:531585		<20	0.10	<10	<10	47	<10	138
E:531586		<20	0.12	<10	<10	50	<10	109
E:531587		<20	0.10	<10	<10	52	<10	133
E:531588		<20	0.05	<10	<10	28	<10	45
E:531589		<20	0.11	<10	<10	76	<10	190
E:531590		<20	0.11	<10	<10	124	<10	279
E:531591		<20	0.09	<10	<10	50	<10	158
E:531592		<20	0.06	<10	<10	36	<10	69
E:531593		<20	0.08	<10	<10	32	<10	95
E:531594		<20	0.07	<10	<10	41	<10	111
E:531595		<20	0.08	<10	<10	36	<10	63
E:531596		<20	0.11	<10	<10	84	<10	102
E:531597		<20	0.15	<10	<10	88	<10	90
E:531598		<20	0.13	<10	<10	110	<10	168
E:531599		<20	0.10	<10	<10	63	<10	103
E:531600		<20	0.17	<10	<10	65	<10	39
E:531601		<20	0.08	<10	<10	59	<10	110
E:531602		<20	0.08	<10	<10	42	<10	73
E:531603		<20	0.07	<10	<10	42	<10	64

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

Page: 1

Finalized Date: 28-MAR-2010

Account: RRR

CERTIFICATE TB10027382

Project: Off Lake
 P.O. No.: OL10-01
 This report is for 114 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-MAR-2010.

The following have access to data associated with this certificate:

STU AVERILL	CJ BAKER
-------------	----------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: RAINY RIVER RESOURCES LTD.
 ATTN: CJ BAKER
 P.O.BOX 5, 48 MARION STREET
 ECHO LAKES ESTATE
 EMO ON P0W 1E0

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



Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531604		3.65	<0.005	0.5	1.10	<2	<10	<10	<0.5	<2	1.11	<0.5	36	7	362	2.80
E531605		3.72	<0.005	0.2	1.19	<2	<10	<10	<0.5	<2	1.50	<0.5	33	7	282	2.85
E531606		3.48	<0.005	<0.2	0.98	<2	<10	<10	<0.5	<2	2.88	<0.5	24	7	151	2.01
E531607		3.55	<0.005	0.3	1.35	3	<10	<10	<0.5	<2	2.20	<0.5	22	8	132	2.18
E531608		2.56	0.028	5.0	3.23	9	<10	<10	<0.5	<2	2.35	8.2	78	9	2160	8.62
E531609		3.63	<0.005	0.5	1.32	5	<10	80	<0.5	<2	0.38	<0.5	19	11	226	2.88
E531610		2.58	<0.005	0.4	0.95	2	<10	40	<0.5	<2	0.86	<0.5	13	12	236	2.18
E531611		2.96	<0.005	0.6	0.97	<2	<10	50	<0.5	<2	0.83	<0.5	11	12	299	1.84
E531612		3.34	<0.005	0.5	1.16	2	<10	50	<0.5	<2	0.72	<0.5	10	10	354	2.21
E531613		3.26	<0.005	0.5	1.08	<2	<10	50	<0.5	<2	1.00	<0.5	11	11	317	2.02
E531614		3.07	<0.005	1.2	1.59	5	<10	40	<0.5	<2	0.40	<0.5	21	10	583	3.40
E531615		3.24	0.009	2.1	1.07	<2	<10	10	<0.5	<2	0.57	<0.5	17	11	1220	2.54
E531616		2.05	<0.005	0.5	1.01	<2	<10	10	<0.5	<2	0.44	<0.5	13	9	285	2.39
E531617		1.81	<0.005	1.2	0.95	<2	<10	10	<0.5	<2	0.55	<0.5	18	12	529	2.46
E531618		1.10	<0.005	0.3	0.73	2	<10	10	<0.5	<2	0.88	<0.5	11	7	123	1.83
E531619		3.57	<0.005	0.9	0.98	<2	<10	20	<0.5	<2	0.60	<0.5	16	10	508	2.33
E531620		3.28	<0.005	0.5	0.92	2	<10	20	<0.5	<2	0.94	<0.5	25	11	228	2.11
E531621		3.14	<0.005	0.6	1.03	<2	<10	30	<0.5	<2	0.59	<0.5	19	14	376	2.63
E531622		3.12	<0.005	1.2	1.19	4	<10	40	<0.5	<2	0.71	<0.5	15	11	442	3.01
E531623		3.19	<0.005	1.1	1.24	6	<10	80	<0.5	<2	0.49	<0.5	15	11	451	2.55
E531624		3.40	<0.005	1.1	1.43	3	<10	60	<0.5	<2	0.26	<0.5	20	17	315	2.98
E531625		2.34	<0.005	1.5	4.63	13	<10	40	<0.5	<2	0.16	<0.5	51	74	581	8.89
E531626		1.04	0.006	5.5	1.90	2	<10	10	<0.5	<2	0.39	<0.5	39	12	1630	4.54
E531627		3.37	0.021	1.7	1.42	2	<10	10	<0.5	<2	1.10	<0.5	55	2	708	4.41
E531628		3.03	<0.005	0.4	1.39	3	<10	<10	<0.5	<2	1.12	<0.5	39	2	278	3.28
E531629		1.18	<0.005	0.3	0.84	<2	<10	10	<0.5	<2	0.33	<0.5	27	14	143	2.51
E531630		1.47	<0.005	<0.2	1.16	<2	<10	<10	<0.5	<2	0.92	<0.5	42	3	94	3.78
E531631		0.43	<0.005	<0.2	1.26	<2	<10	<10	<0.5	<2	0.40	<0.5	20	10	40	2.83
E531632		3.11	<0.005	1.0	1.51	<2	<10	<10	<0.5	<2	1.01	<0.5	35	2	300	3.53
E531633		3.12	<0.005	0.6	1.73	<2	<10	<10	<0.5	<2	1.24	<0.5	35	2	340	4.07
E531634		3.53	0.010	1.2	2.54	<2	<10	<10	<0.5	<2	0.89	<0.5	39	1	508	5.75
E531635		3.66	0.010	1.4	2.15	2	<10	<10	<0.5	<2	1.10	<0.5	34	8	621	4.50
E531636		3.38	<0.005	0.3	1.49	<2	<10	<10	<0.5	<2	1.18	<0.5	24	11	196	2.52
E531637		2.66	<0.005	0.7	1.98	<2	<10	<10	<0.5	<2	1.02	<0.5	36	1	277	4.01
E531638		1.54	<0.005	0.4	3.36	<2	<10	10	<0.5	<2	1.08	<0.5	32	1	243	6.47
E531639		2.72	<0.005	0.6	1.11	<2	<10	30	<0.5	<2	0.26	<0.5	11	11	229	3.04
E531640		0.49	0.009	<0.2	0.82	3	<10	140	<0.5	<2	1.44	<0.5	11	136	60	2.84
E531641		3.63	<0.005	<0.2	2.00	<2	<10	30	<0.5	<2	1.66	<0.5	11	197	31	3.18
E531642		3.27	<0.005	0.9	1.46	<2	<10	60	<0.5	<2	1.31	<0.5	11	81	445	2.64
E531643		2.98	<0.005	2.0	1.09	2	<10	110	<0.5	<2	0.59	<0.5	11	9	853	2.25

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E531604		<10	<1	0.02	<10	0.97	259	3	0.08	46	270	<2	0.95	<2	4	13
E531605		<10	<1	0.02	<10	1.03	314	<1	0.08	46	250	<2	0.84	2	4	16
E531606		<10	<1	0.02	<10	0.90	405	<1	0.07	39	190	<2	0.42	<2	5	20
E531607		<10	<1	0.03	<10	1.23	386	1	0.07	34	190	<2	0.36	<2	4	18
E531608		<10	<1	0.03	<10	3.15	719	63	0.04	42	230	<2	5.72	4	4	15
E531609		<10	<1	0.45	10	1.12	296	1	0.04	11	320	<2	1.43	<2	1	7
E531610		<10	<1	0.41	10	0.70	252	<1	0.04	12	330	<2	1.10	<2	1	10
E531611		<10	<1	0.44	10	0.70	228	<1	0.04	11	340	<2	0.68	<2	1	10
E531612		<10	<1	0.53	10	0.86	289	8	0.05	12	330	<2	1.18	<2	1	15
E531613		<10	<1	0.52	10	0.78	291	4	0.04	10	340	<2	0.89	<2	1	13
E531614		10	<1	0.34	10	1.38	310	28	0.04	11	330	<2	1.55	<2	1	11
E531615		<10	<1	0.10	10	0.90	217	45	0.04	10	340	<2	1.37	<2	1	16
E531616		<10	<1	0.08	10	0.82	196	7	0.04	9	370	2	1.18	<2	1	12
E531617		<10	<1	0.06	10	0.74	201	3	0.04	11	340	<2	1.25	<2	1	14
E531618		<10	<1	0.08	10	0.51	166	1	0.03	8	280	<2	0.84	<2	1	13
E531619		<10	<1	0.11	10	0.77	210	1	0.04	10	340	<2	1.15	<2	1	12
E531620		<10	<1	0.12	10	0.72	219	2	0.04	9	320	<2	1.00	<2	1	17
E531621		10	<1	0.18	10	0.79	204	2	0.05	11	330	<2	1.28	<2	1	14
E531622		10	<1	0.23	10	0.97	273	1	0.04	10	340	<2	1.57	<2	1	11
E531623		<10	<1	0.46	10	1.05	339	6	0.04	10	330	<2	1.26	<2	1	10
E531624		10	<1	0.34	10	1.31	370	3	0.03	11	330	<2	1.49	<2	1	6
E531625		20	<1	0.15	<10	5.05	1020	66	0.02	30	330	<2	4.49	4	9	4
E531626		10	<1	0.08	<10	1.86	393	39	0.04	22	340	<2	2.47	<2	3	8
E531627		<10	<1	0.06	<10	1.22	313	12	0.09	31	340	<2	2.96	<2	4	28
E531628		<10	<1	0.03	<10	1.08	256	19	0.12	29	300	<2	1.79	<2	4	46
E531629		<10	<1	0.06	<10	0.73	138	<1	0.05	10	320	<2	1.51	<2	1	11
E531630		<10	<1	0.02	<10	0.95	241	73	0.08	25	390	<2	2.54	<2	4	34
E531631		10	<1	0.01	<10	1.18	227	7	0.04	12	330	<2	1.20	<2	2	15
E531632		10	<1	0.03	<10	1.27	291	3	0.09	38	330	4	1.43	<2	5	37
E531633		<10	<1	0.02	<10	1.53	337	6	0.06	33	390	<2	1.75	<2	4	37
E531634		<10	<1	0.02	<10	2.47	518	5	0.06	36	280	<2	2.96	<2	5	18
E531635		<10	<1	0.02	<10	2.04	441	5	0.07	34	280	<2	1.95	<2	5	18
E531636		<10	<1	0.04	<10	1.15	289	1	0.10	29	270	<2	0.54	<2	4	53
E531637		<10	1	0.05	<10	1.54	336	<1	0.08	28	280	<2	1.12	<2	5	61
E531638		10	<1	0.04	<10	3.15	654	1	0.05	30	290	<2	2.20	4	5	25
E531639		10	<1	0.09	10	1.03	245	1	0.05	10	320	<2	1.82	<2	2	11
E531640		<10	1	0.52	90	0.94	313	<1	0.10	41	3320	6	<0.01	<2	3	193
E531641		<10	<1	0.09	10	2.17	478	3	0.04	46	780	2	1.13	<2	2	30
E531642		<10	<1	0.34	10	1.35	341	<1	0.05	25	560	2	1.02	<2	2	22
E531643		<10	<1	0.52	10	0.85	228	12	0.05	8	320	<2	1.21	<2	1	15

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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To: RAINY RIVER RESOURCES LTD.
 303-1620 WEST 8TH AVENUE
 VANCOUVER BC V6J 1V4

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 Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E531604		<20	0.08	<10	<10	40	<10	46
E531605		<20	0.08	<10	<10	47	<10	45
E531606		<20	0.08	<10	<10	40	<10	41
E531607		<20	0.08	<10	<10	42	<10	72
E531608		<20	0.07	<10	<10	73	<10	1410
E531609		<20	0.07	<10	<10	23	<10	89
E531610		<20	0.07	<10	<10	18	<10	50
E531611		<20	0.07	<10	<10	18	<10	39
E531612		<20	0.07	<10	<10	14	<10	43
E531613		<20	0.07	<10	<10	16	<10	39
E531614		<20	0.06	<10	<10	20	<10	70
E531615		<20	0.04	<10	<10	16	<10	71
E531616		<20	0.04	<10	<10	15	<10	43
E531617		<20	0.04	<10	<10	18	<10	48
E531618		<20	0.02	<10	<10	11	<10	31
E531619		<20	0.04	<10	<10	13	<10	51
E531620		<20	0.04	<10	<10	16	<10	40
E531621		<20	0.06	<10	<10	20	<10	53
E531622		<20	0.06	<10	<10	19	<10	67
E531623		<20	0.06	<10	<10	18	<10	66
E531624		<20	0.05	<10	<10	18	<10	74
E531625		<20	0.06	<10	<10	96	<10	259
E531626		<20	0.05	<10	<10	54	<10	137
E531627		<20	0.10	<10	<10	55	<10	86
E531628		<20	0.10	<10	<10	49	<10	72
E531629		<20	0.05	<10	<10	30	<10	51
E531630		<20	0.09	<10	<10	42	<10	60
E531631		<20	0.06	<10	<10	36	<10	63
E531632		<20	0.10	<10	<10	57	<10	117
E531633		<20	0.09	<10	<10	62	<10	81
E531634		<20	0.09	<10	<10	77	<10	128
E531635		<20	0.08	<10	<10	64	<10	102
E531636		<20	0.09	<10	<10	48	<10	50
E531637		<20	0.10	<10	<10	67	<10	75
E531638		<20	0.11	<10	<10	101	<10	144
E531639		<20	0.05	<10	<10	23	<10	42
E531640		<20	0.19	<10	<10	75	<10	38
E531641		<20	0.08	<10	<10	29	<10	74
E531642		<20	0.08	<10	<10	25	<10	83
E531643		<20	0.07	<10	<10	13	<10	77

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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To: RAINY RIVER RESOURCES LTD.

303-1620 WEST 8TH AVENUE

VANCOUVER BC V6J 1V4

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Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531644		3.19	<0.005	0.6	0.80	2	<10	140	<0.5	<2	0.66	<0.5	8	9	318	2.15
E531645		1.14	<0.005	0.6	1.10	<2	<10	160	<0.5	<2	0.88	<0.5	8	51	175	2.66
E531646		3.41	<0.005	0.2	0.83	<2	<10	30	<0.5	<2	1.36	<0.5	14	133	75	1.38
E531647		3.25	<0.005	<0.2	0.73	<2	<10	40	<0.5	<2	0.99	<0.5	17	130	36	1.41
E531648		3.10	<0.005	<0.2	0.86	3	<10	140	<0.5	<2	0.18	<0.5	9	14	51	2.55
E531649		3.27	<0.005	0.3	1.09	<2	<10	130	<0.5	<2	0.46	<0.5	14	11	185	2.43
E531650		3.35	<0.005	0.2	1.12	4	<10	110	<0.5	<2	0.17	<0.5	20	10	74	3.23
E531651		3.28	<0.005	0.8	2.53	2	<10	40	<0.5	<2	0.45	<0.5	41	7	199	5.71
E531652		1.15	<0.005	0.3	0.84	3	<10	70	<0.5	<2	0.34	<0.5	28	15	18	3.11
E531653		3.47	<0.005	<0.2	1.31	<2	<10	140	<0.5	<2	1.56	<0.5	17	239	56	1.90
E531654		3.57	<0.005	<0.2	1.64	<2	<10	140	<0.5	<2	1.76	<0.5	16	234	47	2.02
E531655		3.25	<0.005	<0.2	1.32	2	<10	90	<0.5	<2	1.53	<0.5	16	161	103	1.86
E531656		3.14	<0.005	0.4	1.28	<2	<10	140	<0.5	<2	0.36	<0.5	14	16	102	2.84
E531657		3.24	<0.005	0.8	1.22	<2	<10	150	<0.5	<2	0.41	<0.5	17	13	331	2.49
E531658		2.52	<0.005	0.8	1.98	<2	<10	20	<0.5	<2	1.05	<0.5	57	2	361	5.14
E531659		2.42	<0.005	0.3	1.27	<2	<10	10	<0.5	<2	1.21	<0.5	41	2	240	3.72
E531660		2.16	<0.005	0.9	1.33	<2	<10	40	<0.5	<2	0.34	<0.5	16	13	206	2.89
E531661		2.27	<0.005	0.6	1.66	<2	<10	10	<0.5	<2	1.26	<0.5	46	2	241	4.30
E531662		2.00	<0.005	0.5	2.04	3	<10	20	<0.5	<2	1.26	<0.5	41	9	156	4.77
E531663		2.40	<0.005	0.7	1.88	4	<10	60	<0.5	<2	0.22	0.7	12	59	134	3.98
E531664		2.75	<0.005	0.7	2.07	4	<10	30	<0.5	<2	0.23	1.8	12	61	103	4.42
E531665		3.15	<0.005	0.3	1.93	3	<10	10	<0.5	<2	1.26	<0.5	39	2	239	7.69
E531666		3.84	<0.005	0.5	2.18	3	<10	40	<0.5	<2	1.11	<0.5	43	1	179	5.95
E531667		2.14	<0.005	0.5	2.26	<2	<10	30	<0.5	<2	1.28	<0.5	35	1	211	5.01
E531668		3.00	<0.005	0.9	1.36	<2	<10	20	<0.5	<2	0.20	1.8	22	15	163	2.38
E531669		3.32	<0.005	0.5	1.13	<2	<10	30	<0.5	<2	0.49	<0.5	13	16	94	2.25
E531670		3.63	<0.005	0.6	2.08	<2	<10	30	<0.5	<2	1.65	<0.5	32	1	129	5.35
E531671		3.74	<0.005	0.2	1.53	<2	<10	<10	<0.5	<2	1.27	<0.5	33	2	100	7.33
E531672		3.15	<0.005	0.5	1.27	<2	<10	<10	<0.5	<2	1.19	<0.5	33	2	72	7.50
E531673		2.92	<0.005	0.3	1.70	<2	<10	<10	<0.5	<2	1.81	<0.5	44	1	139	5.46
E531674		0.54	<0.005	<0.2	0.55	3	<10	<10	<0.5	<2	13.15	<0.5	13	2	57	1.88
E531675		2.92	0.007	0.7	2.24	<2	<10	<10	<0.5	<2	1.03	<0.5	33	1	108	5.81
E531676		3.51	0.009	0.4	1.41	<2	<10	<10	<0.5	2	1.17	<0.5	30	3	117	5.18
E531677		3.65	<0.005	0.5	1.81	<2	<10	<10	<0.5	<2	2.05	<0.5	34	3	130	4.93
E531678		3.65	<0.005	0.7	2.29	<2	<10	<10	<0.5	<2	1.64	<0.5	45	1	195	6.03
E531679		2.43	<0.005	0.5	2.70	<2	<10	10	<0.5	3	1.92	<0.5	38	1	173	6.01
E531680		0.10	1.795	0.2	1.30	<2	<10	50	0.6	<2	0.54	<0.5	15	44	23	4.97
E531681		2.21	<0.005	1.1	1.84	<2	<10	<10	<0.5	2	1.54	<0.5	38	7	297	5.23
E531682		2.38	<0.005	0.4	2.32	<2	<10	<10	<0.5	<2	0.72	<0.5	19	12	120	4.40
E531683		2.99	<0.005	0.4	1.90	<2	<10	10	<0.5	3	0.26	1.4	14	13	77	3.02

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte Units LOR	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
E531644		<10	<1	0.49	10	0.60	192	1	0.06	7	330	<2	1.54	<2	1	17
E531645		10	<1	0.53	10	1.01	235	<1	0.08	16	400	3	1.61	<2	3	25
E531646		<10	<1	0.10	20	0.84	246	<1	0.08	30	790	<2	0.18	<2	6	59
E531647		<10	<1	0.12	20	0.75	195	<1	0.08	25	750	<2	0.35	<2	5	60
E531648		10	1	0.27	10	0.74	135	7	0.07	6	320	<2	1.71	<2	1	17
E531649		<10	<1	0.50	10	0.89	216	4	0.06	5	310	<2	1.29	2	1	21
E531650		10	<1	0.22	10	1.02	174	8	0.06	6	320	<2	2.10	<2	1	12
E531651		10	<1	0.37	10	2.49	376	8	0.05	21	340	<2	2.98	3	5	21
E531652		10	<1	0.07	10	0.81	154	8	0.07	7	310	<2	2.21	<2	2	14
E531653		<10	<1	0.30	20	1.36	325	<1	0.07	43	770	2	0.17	<2	5	67
E531654		<10	<1	0.33	20	1.70	376	<1	0.06	56	760	<2	0.06	<2	5	56
E531655		<10	<1	0.27	20	1.27	371	<1	0.07	37	730	2	0.21	<2	5	53
E531656		10	<1	0.65	10	1.12	284	55	0.06	6	320	<2	1.70	<2	1	14
E531657		10	<1	0.43	10	1.08	253	2	0.07	9	300	<2	1.14	<2	2	12
E531658		10	<1	0.08	10	1.68	369	<1	0.09	34	360	<2	2.32	2	6	33
E531659		<10	<1	0.04	<10	0.98	290	<1	0.12	28	370	<2	1.31	<2	6	47
E531660		10	<1	0.11	10	1.12	200	<1	0.07	13	370	<2	0.95	<2	3	14
E531661		<10	<1	0.06	<10	1.18	332	<1	0.12	28	390	<2	1.76	<2	6	49
E531662		<10	1	0.10	<10	1.57	376	<1	0.11	33	360	<2	1.78	<2	7	60
E531663		10	<1	0.21	10	1.62	259	<1	0.05	31	370	2	1.52	<2	5	10
E531664		10	<1	0.13	10	1.75	290	<1	0.06	32	370	<2	1.62	<2	5	9
E531665		10	<1	0.08	<10	1.15	339	<1	0.10	11	710	2	1.59	<2	7	75
E531666		10	<1	0.26	<10	1.49	378	<1	0.09	21	410	<2	1.09	<2	7	48
E531667		<10	<1	0.19	<10	1.62	373	<1	0.09	21	390	<2	0.80	<2	8	49
E531668		10	<1	0.09	10	1.22	229	4	0.06	7	280	2	0.67	<2	2	6
E531669		10	<1	0.17	10	0.93	229	<1	0.06	7	280	<2	0.71	<2	2	7
E531670		<10	<1	0.22	<10	1.43	444	<1	0.13	23	400	<2	0.79	2	8	29
E531671		10	<1	0.06	<10	0.97	426	<1	0.14	11	710	<2	0.48	<2	9	24
E531672		10	<1	0.03	<10	0.76	380	<1	0.13	9	820	<2	0.52	2	8	22
E531673		<10	<1	0.04	<10	1.10	458	<1	0.13	18	460	<2	0.99	<2	8	25
E531674		<10	<1	0.01	<10	0.41	1705	<1	0.05	11	140	4	0.38	<2	4	115
E531675		10	<1	0.03	<10	1.63	476	<1	0.12	23	380	<2	0.49	<2	7	17
E531676		10	<1	0.03	<10	0.86	356	<1	0.12	20	890	2	0.42	<2	6	22
E531677		10	<1	0.04	<10	1.10	485	<1	0.14	24	270	<2	0.54	<2	7	39
E531678		10	<1	0.12	<10	1.45	439	<1	0.14	29	380	<2	1.10	<2	8	39
E531679		10	<1	0.13	<10	1.92	489	1	0.13	28	310	<2	1.22	<2	8	19
E531680		<10	<1	0.31	10	1.19	341	2	0.52	54	830	55	3.17	<2	1	127
E531681		10	<1	0.07	<10	1.16	374	1	0.14	22	490	<2	1.39	<2	7	32
E531682		10	<1	0.09	<10	1.85	438	2	0.05	12	320	<2	0.70	<2	4	9
E531683		10	<1	0.07	10	1.64	387	21	0.05	7	300	<2	0.37	<2	1	4

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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303-1620 WEST 8TH AVENUE

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CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E531644		<20	0.07	<10	<10	15	<10	32
E531645		<20	0.08	<10	<10	30	<10	51
E531646		<20	0.11	<10	<10	32	<10	25
E531647		<20	0.09	<10	<10	31	<10	22
E531648		<20	0.04	<10	<10	21	<10	33
E531649		<20	0.07	<10	<10	20	<10	51
E531650		<20	0.04	<10	<10	20	<10	52
E531651		<20	0.12	<10	<10	106	<10	127
E531652		<20	0.05	<10	<10	29	<10	26
E531653		<20	0.10	<10	<10	45	<10	39
E531654		<20	0.10	<10	<10	44	<10	66
E531655		<20	0.10	<10	<10	42	<10	120
E531656		<20	0.08	<10	<10	18	<10	112
E531657		<20	0.07	<10	<10	25	<10	102
E531658		<20	0.13	<10	<10	90	<10	144
E531659		<20	0.10	<10	<10	77	<10	58
E531660		<20	0.07	<10	<10	50	<10	123
E531661		<20	0.12	<10	<10	75	<10	157
E531662		<20	0.15	<10	<10	98	<10	192
E531663		<20	0.07	<10	<10	54	<10	243
E531664		<20	0.08	<10	<10	62	<10	355
E531665		<20	0.16	<10	<10	181	<10	126
E531666		<20	0.15	<10	<10	206	<10	84
E531667		<20	0.15	<10	<10	150	<10	102
E531668		<20	0.04	<10	<10	24	<10	351
E531669		<20	0.06	<10	<10	29	<10	111
E531670		<20	0.15	<10	<10	150	<10	95
E531671		<20	0.14	<10	<10	165	<10	66
E531672		<20	0.13	<10	<10	153	<10	53
E531673		<20	0.12	<10	<10	133	<10	64
E531674		<20	0.05	<10	<10	27	<10	17
E531675		<20	0.12	<10	<10	143	<10	87
E531676		<20	0.09	<10	<10	97	<10	56
E531677		<20	0.12	<10	<10	191	10	63
E531678		<20	0.15	<10	<10	232	<10	111
E531679		<20	0.18	<10	<10	220	<10	176
E531680		<20	0.29	<10	<10	37	<10	46
E531681		<20	0.17	<10	<10	166	<10	132
E531682		<20	0.08	<10	<10	99	<10	264
E531683		<20	0.04	<10	<10	24	<10	347

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E531684		3.17	<0.005	0.5	1.15	<2	<10	20	<0.5	2	0.35	1.3	14	14	79	2.36
E531685		2.74	<0.005	1.9	1.07	<2	<10	10	<0.5	3	0.37	1.4	20	17	307	2.82
E531686		2.80	<0.005	0.9	2.08	<2	<10	20	<0.5	2	1.36	<0.5	40	3	230	5.79
E531687		3.94	<0.005	0.5	2.91	<2	<10	<10	<0.5	3	1.19	<0.5	32	1	120	7.64
E531688		3.60	<0.005	0.3	1.58	<2	<10	<10	<0.5	2	1.02	<0.5	34	6	86	8.37
E531689		3.57	<0.005	0.5	2.42	<2	<10	80	<0.5	<2	1.75	<0.5	36	1	183	6.58
E531690		2.20	<0.005	0.5	2.60	<2	<10	180	<0.5	<2	1.40	<0.5	34	2	143	6.71
E531691		2.12	<0.005	1.0	2.06	<2	<10	50	<0.5	2	2.07	<0.5	31	2	295	5.99
E531692		2.30	<0.005	0.2	2.34	<2	<10	10	<0.5	<2	0.16	3.5	9	53	21	3.84
E531693		1.68	<0.005	0.2	2.37	<2	<10	10	<0.5	<2	0.25	1.2	13	51	33	4.43
E531694		2.03	<0.005	0.7	2.62	<2	<10	90	<0.5	<2	1.68	<0.5	38	3	152	6.59
E531695		1.42	<0.005	0.7	1.20	<2	<10	50	<0.5	2	0.37	1.4	13	17	94	2.76
E531696		3.30	<0.005	0.5	1.67	<2	<10	10	<0.5	<2	1.64	<0.5	39	2	78	7.15
E531697		3.43	<0.005	0.7	1.77	<2	<10	40	<0.5	<2	1.32	<0.5	44	3	101	7.87
E531698		2.92	<0.005	0.6	1.08	<2	<10	30	<0.5	<2	0.23	2.9	24	17	172	3.11
E531699		2.25	0.008	2.2	2.64	<2	<10	100	<0.5	9	1.79	46.2	46	2	342	7.93
E531700		2.44	<0.005	0.6	1.72	<2	<10	30	<0.5	2	1.36	<0.5	27	2	155	7.28
E531701		3.08	<0.005	<0.2	1.60	<2	<10	<10	<0.5	2	1.30	<0.5	25	3	51	7.14
E531702		2.33	<0.005	0.2	1.44	<2	<10	<10	<0.5	<2	1.29	<0.5	29	2	50	7.62
E531703		1.77	<0.005	0.2	2.16	<2	<10	<10	<0.5	3	1.54	<0.5	26	2	56	5.75
E531704		0.46	<0.005	<0.2	0.96	<2	<10	<10	<0.5	<2	0.51	<0.5	15	10	26	3.02
E531705		2.63	<0.005	0.2	1.47	<2	<10	<10	<0.5	<2	1.34	<0.5	27	2	50	7.32
E531706		3.49	<0.005	0.4	1.57	<2	<10	<10	<0.5	2	1.30	<0.5	29	2	93	6.58
E531707		3.70	0.007	0.3	1.77	<2	<10	<10	<0.5	<2	2.31	<0.5	25	1	82	6.22
E531708		3.78	<0.005	0.2	1.83	<2	<10	<10	<0.5	<2	1.74	<0.5	25	2	97	6.08
E531709		3.62	<0.005	0.3	1.54	<2	<10	<10	<0.5	<2	1.42	<0.5	27	2	100	6.15
E531710		3.65	0.011	0.7	2.00	<2	<10	140	<0.5	2	2.24	0.9	38	2	142	6.11
E531711		3.76	<0.005	0.4	2.28	<2	<10	130	<0.5	<2	3.70	<0.5	33	31	99	6.01
E531712		2.85	<0.005	<0.2	1.65	<2	<10	50	<0.5	<2	2.42	<0.5	14	246	11	2.58
E531713		2.17	<0.005	<0.2	1.75	<2	<10	40	<0.5	<2	1.81	<0.5	15	261	16	2.98
E531714		1.94	<0.005	0.3	1.18	3	<10	100	<0.5	<2	1.24	<0.5	10	121	28	2.24
E531715		4.11	0.010	1.4	1.77	<2	<10	210	<0.5	<2	2.18	<0.5	31	14	159	4.49
E531716		2.42	<0.005	0.3	2.21	<2	<10	120	<0.5	<2	3.15	<0.5	22	205	48	3.81
E531717		3.28	<0.005	0.4	2.46	<2	<10	290	<0.5	<2	1.73	<0.5	33	6	106	5.05

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	NI	P	Pb	S	Sb	Sc	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
E531684		10	<1	0.17	10	0.89	244	1	0.06	7	300	<2	0.58	<2	2	4
E531685		10	<1	0.06	10	0.78	190	1	0.07	8	280	<2	0.95	<2	2	8
E531686		10	<1	0.19	<10	1.28	389	<1	0.12	17	420	<2	1.29	<2	7	45
E531687		10	<1	0.09	<10	1.96	600	<1	0.11	8	560	<2	0.69	<2	7	33
E531688		10	<1	0.06	<10	0.88	414	<1	0.11	3	880	<2	0.53	<2	6	27
E531689		10	<1	0.48	<10	1.36	549	<1	0.14	17	580	<2	0.73	<2	9	31
E531690		10	<1	0.90	<10	1.48	503	<1	0.11	16	530	<2	0.89	<2	6	33
E531691		10	<1	0.27	<10	1.22	564	<1	0.11	17	640	<2	1.74	<2	6	32
E531692		10	<1	0.07	10	1.96	484	1	0.05	27	340	<2	0.36	<2	5	4
E531693		10	<1	0.06	10	1.81	519	1	0.05	26	350	<2	0.55	<2	3	6
E531694		10	<1	0.33	<10	1.59	615	<1	0.11	9	630	<2	1.43	<2	6	32
E531695		10	<1	0.32	10	0.72	280	<1	0.08	6	320	<2	0.37	<2	2	7
E531696		10	<1	0.10	<10	0.91	494	1	0.17	5	610	<2	0.74	<2	9	21
E531697		10	<1	0.20	<10	0.94	478	<1	0.16	3	740	<2	0.99	<2	9	19
E531698		10	<1	0.10	10	0.74	246	1	0.07	6	280	<2	0.96	<2	2	3
E531699		10	1	0.33	<10	1.63	667	<1	0.10	3	990	2	2.73	<2	6	12
E531700		10	<1	0.11	<10	0.87	478	<1	0.14	<1	1210	<2	1.16	<2	7	16
E531701		10	<1	0.05	<10	0.78	427	<1	0.12	<1	1170	<2	0.47	<2	6	24
E531702		10	<1	0.04	<10	0.73	426	<1	0.15	2	960	<2	0.55	<2	8	12
E531703		10	<1	0.04	<10	1.18	541	<1	0.14	2	760	<2	0.47	<2	7	25
E531704		10	<1	0.02	10	0.50	281	1	0.09	3	420	5	0.28	<2	2	15
E531705		10	<1	0.04	<10	0.76	470	<1	0.17	5	820	<2	0.33	<2	9	14
E531706		10	<1	0.03	<10	0.88	504	<1	0.15	5	820	<2	0.44	<2	8	12
E531707		10	<1	0.04	<10	0.96	590	<1	0.16	11	590	2	0.22	<2	8	24
E531708		10	<1	0.04	<10	1.00	523	<1	0.16	11	740	<2	0.17	<2	8	23
E531709		10	<1	0.06	<10	0.86	491	1	0.17	14	630	2	0.22	<2	8	19
E531710		10	<1	0.46	<10	1.27	657	<1	0.12	22	600	3	0.71	<2	7	27
E531711		10	<1	0.54	10	1.69	745	<1	0.09	23	670	3	1.23	<2	9	59
E531712		10	<1	0.23	20	1.55	494	<1	0.08	36	1380	7	0.02	<2	4	65
E531713		10	<1	0.21	20	1.64	462	<1	0.08	37	1300	5	0.07	<2	4	56
E531714		<10	<1	0.42	30	0.89	280	<1	0.11	16	1660	5	0.08	<2	3	73
E531715		10	<1	0.74	10	1.25	459	<1	0.09	22	570	5	0.73	<2	5	79
E531716		10	<1	0.63	30	1.92	650	<1	0.09	35	1440	5	0.18	<2	5	82
E531717		10	<1	1.04	<10	1.77	472	<1	0.11	31	540	3	0.70	<2	5	55

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.



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Finalized Date: 28-MAR-2010

Account: RRR

Project: Off Lake

CERTIFICATE OF ANALYSIS TB10027382

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
E:531684		<20	0.07	<10	<10	22	<10	280
E:531685		<20	0.05	<10	<10	37	<10	287
E:531686		<20	0.17	<10	<10	203	<10	195
E:531687		<20	0.19	<10	<10	211	<10	279
E:531688		<20	0.13	<10	<10	149	<10	164
E:531689		<20	0.18	<10	<10	225	<10	154
E:531690		<20	0.26	<10	<10	235	<10	233
E:531691		<20	0.25	<10	<10	161	<10	300
E:531692		<20	0.07	<10	<10	55	<10	579
E:531693		<20	0.07	<10	<10	62	<10	408
E:531694		<20	0.21	<10	<10	147	<10	428
E:531695		<20	0.10	<10	<10	43	<10	248
E:531696		<20	0.17	<10	<10	182	<10	115
E:531697		<20	0.17	<10	<10	131	<10	188
E:531698		<20	0.05	<10	<10	28	<10	559
E:531699		<20	0.19	<10	<10	50	<10	8690
E:531700		<20	0.13	<10	<10	33	<10	272
E:531701		<20	0.13	<10	<10	44	<10	135
E:531702		<20	0.13	<10	<10	114	<10	89
E:531703		<20	0.15	<10	<10	95	<10	108
E:531704		<20	0.07	<10	<10	43	<10	58
E:531705		<20	0.15	<10	<10	160	<10	78
E:531706		<20	0.14	<10	<10	159	<10	79
E:531707		<20	0.15	<10	<10	194	<10	81
E:531708		<20	0.15	<10	<10	171	<10	86
E:531709		<20	0.14	<10	<10	168	<10	117
E:531710		<20	0.17	<10	<10	167	<10	279
E:531711		<20	0.19	<10	<10	158	<10	212
E:531712		<20	0.15	<10	<10	70	<10	176
E:531713		<20	0.16	<10	<10	70	<10	241
E:531714		<20	0.16	<10	<10	63	<10	157
E:531715		<20	0.22	<10	<10	110	<10	130
E:531716		<20	0.17	<10	<10	88	<10	204
E:531717		<20	0.24	<10	<10	121	<10	201

Comments: 334 SAMPLES SPLIT INTO 3 WORKORDERS OF 110, 110, 114 SAMPLES EACH.

APPENDIX D

ALS CHEMEX Sample Preparation and Analytical Procedures

ALS Chemex Laboratory

Procedures for Gold Analysis and Trace Level Geochemistry

Sample Preparation (Rock or Drill Core Samples):

1. At first, samples are sorted and laid out in alphanumeric order. Sometimes they might be divided into separate batches for separate types of analyses.
2. Then the samples are crushed. There are two stages of crushing. The first stage of crushing is performed by a primary jaw crusher. After this stage, a sample will have been crushed down to an average size of 1cm. The second stage of crushing is performed by a "Rhino" jaw crusher. After the sample passes through the Rhino crusher its material will have been crushed down to about 2mm (greater than 70% passes through a -10mesh/2mm sieve).
3. After the sample is crushed, it is passed through a riffle splitter. This evenly divides the sample in half. Each split is a homogeneous representation of the full sample. The samples are split repeatedly until 200 to 250 grams of material is left. The remainder of the crushed material is stored as "reject" here in Thunder Bay.
4. The last stage of sample preparation is pulverization. This is done with a ring mill. The crushed 250 gram split of the sample is put into the ring mill for a set time. After this stage, the sample material will have been pulverized so that greater than 85% of the material passes through a -200 mesh/75 micron sieve.

Fire Assay (for Gold Analysis):

1. After sample preparation, the sample "*pulps*" are homogeneously divided into 10 gram (half assay ton) or 30 gram (one assay ton) are poured into ceramic pots and mixed thoroughly with a flux. The flux is a material which contains some metals, such as lead, and it is used to separate any gold in the sample.
2. Silver nitrate is also added to this mixture. The ceramic pots are placed in a furnace at 1250deg Fahrenheit for 45 minutes. Because the sample pulp material is so fine, it is possible to actually melt or fuse in this furnace. Coarse material would not properly fuse, resulting in an inaccurate analysis. In the furnace, the lead from the flux attracts gold, etc from the sample pulp, and consequently settles all together to the bottom of the pot.
3. Once the pots come out of the furnace, samples are poured into molds. The sample now appears as a glass, with a metal button at the bottom (1inch). The glass is knocked off, and then the metal button is put back into the furnace so the lead from the flux can burn or oxidize away.
4. Finally, a bead (1-2mm) is all that is left of the sample. This bead has gold and silver in it. Some or all of the silver will be from the silver nitrate solution added to the mixture at the beginning. It is important to note that different fluxes may be used for the fusion process according to the type of sample (e.g. high sulphides, soils, etc.).

Atomic Absorption Spectrophotometry (Gold and Base Metal Analysis)

1. For gold analysis, the bead resulting from the fire assay procedure above is put into a nitric acid solution in a test tube. Then it is put into a hot water bath.
2. Hydrochloric acid is also added. This is called an Aqua-Regia digestion. Silver precipitates out of solution in the form of silver nitrate and silver chloride, leaving gold in solution.
3. For trace level analysis of base metals, a portion of the sample pulp itself (i.e. not a bead) is digested by the same kind of acids. The metal ions from the sample will be in solution.
4. These solutions are diluted and taken to the **AAS**. There are two separate spectrometers for gold and base metals. The solution is sucked up into a flame through a plastic tube. A light beam (specifically for gold analysis) passes through the flame and spectrographic readings (light wavelengths) are taken. These are matched against a calibration curve. Readings will vary according to the gold (or base metal) concentration of each sample. A computer does all the calculations and gives a direct number in ppb for gold and ppm for base metals.

Submitted by Chemex Lab Manager, 4 April, 2010.