Rainy River RESOURCES LTD.

DIAMOND DRILL ASSESSMENT REPORT

Richardson Twp, Kenora Mining Division

UTM Zone 15, NAD83

425500 mE, 5410000 mN

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PREPARED BY:

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January 22, 2011

SUMMARY

This report presents and discusses the results of a 2 hole, 861 metre NQ diamond drill program conducted by Rainy River Resources (RRR) on the Richardson property between June 10h and July 3rd, 2010. The Richardson Property is located 50 kilometres Northwest of the nearest large population centre at Fort Francis, Ontario.

The purpose of the program was to test an area west of the Beaver Pond Zone for the bed rock source for gold grains found in till sampling from the 2005 reverse circulation drill program.

While erratic and weakly anomalous gold value were obtained from the two drill hole fence, the source of the gold-in-till anomaly averaging 162 gold grains was not explained. Reverse circulation drill hole spacing defining the gold dispersal train averages 100 m. Further core drilling is required to define the bedrock source of the 325 m long by 200 m wide gold grain in till train. Continuation of the present fence of holes plus a parallel fence 100m to the east terminating under the gold-in-bedrock anomaly in RC hole RR05-089 is recommended.

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INTRODUCTION

This report presents and summarizes the results of a 2 hole, 861 meter NQ diamond drill program conducted by Rainy River Resources, (RRR) on the Richardson property located northwest of Fort Francis, Ontario (Figure 1). The drill area abuts the western boundary of Rainy River's Richardson Township gold deposit.

The drill program was conducted between June 10th and July 3rd, 2010. Andrew Tims P.Geo of Thunder Bay and Wally Rayner P.Geo, of Toronto, Ontario managed the program.

LOCATION, ACCESS AND PHYSIOGRAPHY

The Richardson Property is located in Northwestern Ontario and is centred on NAD83 UTM Zone 15 coordinates 425500mE and 5410000mN on NTS map sheet 52 D/16 (Figure 1). The unpatented claims are located in Richardson Township, Northwestern Ontario, and fall within the Ministry of Natural Resources Administrative District of Rainy River and the Ministry of Northern Development and Mines, Kenora Mining Division. The town of Fort Francis is located 50 kilometres to the southwest of the property. The villages of Emo and Nestor Falls are about 25 km to the south and north respectively. The property holdings are displayed on the Ontario Mining Tenure Map Plan M-2115 (Richardson) and G 3826 (Potts).

The property is approximately 400 kilometres by road from Thunder Bay, Ontario. Thunder Bay has a population of over 110,000 and is a full service community. Thunder Bay's population includes skilled tradesmen and experienced underground miners. All necessary supplies are available locally or in Thunder Bay and/or Winnipeg.

Access to the property in Richardson Township is attained via numerous all-weather, secondary provincial highways (gravel) and township roads, which lead off of paved provincial highways 11 and 71. These routes traverse the region and provide excellent ingress to the property.

There are no known environmental liabilities or public hazards associated with the property, and work permits are not required in Ontario to perform the work prescribed in this report.

Temperatures range from highs of 35° C in summer to lows of -30° C in winter, with snow cover between November and May. The best season for exploration is between June and October, although in lake covered or swampy areas exploration activities such as geophysical surveys and diamond drilling might best be conducted after winter freeze up.

The Rainy River region is located within the Severn Upland of the Canadian Shield. Generally the Precambrian surface and the overlying Paleozoic and Mesozoic strata to the west, dip at a very low angle to the southwest into the Williston Basin. Physiographically the Rainy River claim groups are situated in typical Precambrian highland and are onlysparsely covered by glacial drift. he Pinewood Lake claim block is 5 km to the south of Off Lake in the vicinity of the northwest-southeast trending Rainy Lake -Lake of the Woods Moraine and has subsequently less outcrop. Overall this area has been subjected to only one of the most recent glacial advances (the Whiteshell -from the northeast) because of the elevated topography which prevented the advance of other glacial lobes from the west. Glacial drift attains significant thickness only in very local areas. It displays few signs of intense weathering. Relief is controlled by bedrock geology with the supracrustal sequences displaying positive relief relative to the batholithic complexes; relief can attain 90 meter. The area has been subdivided by Bajc (1991b) into two regions. Region 2a contains 10-40% outcrop by area, and may attain significant relief which is related to bedrock topography; areas separating outcrops are sites of extensive drift accumulation. In region 2b southwest of the Rainy Lake -Lake of the Woods Moraine outcrop density is less than 5% of the surface area, topography is low and undulating, drainage is poor, and peat land is common.

Rainy River Resources

PROPERTY LOCATION

FIGURE 1

Date 25/2/2009	
Author A.Tims	
Office Emo, Ont	
Drawing RRFig1	
Scale 1:6000000	Projection Longitude / Latitude (NAD 27 for Canada)

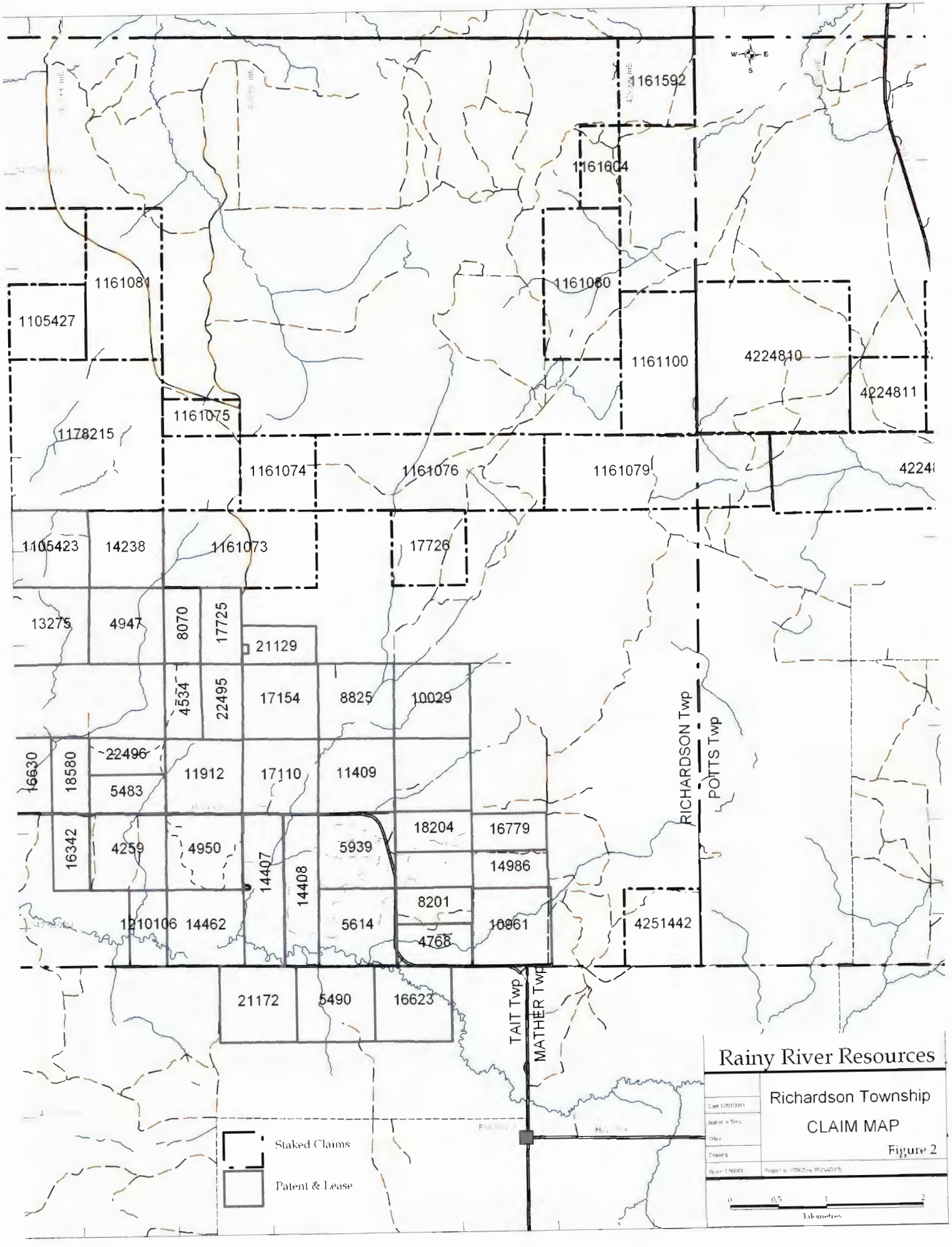
0 50 100 200
kilometres

CLAIMS AND OWNERSHIP

The property, as partially outlined in Figure 2, has 168 mineral claim units in 23 claims which lie within the Kenora Mining Division. The property also includes a variety of optioned and purchased freehold patented lands that do not have an assessment obligations but require maintaining land taxes with the Chapple Municipality (formerly Township offices). The unpatented claims are contiguous to the patented lands of which the two pertinent freehold patents are listed below.

Table 1
Rainy River Resources Claims List

Township	Claim Number	Claim Due Date	Work Required	Total Applied	Claim Bank
POTTS	4224810	2011-May-06	$6,400	$6,400	$0
POTTS	4224811	2011-May-06	$1,600	$1,600	$0
POTTS	4224812	2011-May-06	$4,800	$4,800	$0
RICHARDSON	1161073	2011-Dec-19	$3,200	$57,600	$0
RICHARDSON	1161074	2011-Dec-19	$1,600	$28,800	$0
RICHARDSON	1161075	2011-Dec-19	$800	$14,400	$0
RICHARDSON	1161076	2011-Dec-19	$4,800	$86,400	$0
RICHARDSON	1161079	2011-Dec-19	$3,200	$57,600	$0
RICHARDSON	1161080	2011-Dec-19	$3,200	$57,600	$0
RICHARDSON	1161081	2011-Dec-19	$3,200	$57,600	$0
RICHARDSON	1161100	2011-Dec-19	$3,200	$57,600	$0
RICHARDSON	1178215	2011-Feb-24	$6,400	$89,600	$0
RICHARDSON	1161592	2011-Mar-01	$1,600	$24,000	$0
RICHARDSON	1161604	2011-Mar-01	$800	$12,000	$0
RICHARDSON	1105422	2011-Oct-09	$1,600	$27,200	$0
RICHARDSON	1105423	2011-Oct-09	$1,600	$27,200	$0
RICHARDSON	1105425	2011-Oct-09	$3,200	$54,400	$0
RICHARDSON	1105426	2011-Oct-09	$800	$13,600	$0
RICHARDSON	1105427	2011-Oct-15	$1,600	$27,200	$0
RICHARDSON	1105428	2011-Oct-15	$4,800	$81,600	$0
RICHARDSON	1105430	2011-Oct-15	$4,800	$81,600	$0
RICHARDSON	1210106	2015-May-27	$800	$13,600	$0
RICHARDSON	4950	Patent	100% MR	-	-
RICHARDSON	25894	Patent	100% MR	-	-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18204
16779
14986
8201
1210106
14462
5614
10961
4768
4251442
21172
5490
16623
RICHARDSON Twp
POTTS Twp
TAIT Twp
MATHER Twp
Staked Claims
Patent & Lease
Rainy River Resources
Richardson Township
CLAIM MAP
Figure 2
Kilometres

PREVIOUS WORK

The exploration history compiled below has been sourced from the report by Mackie et al. (2003), an in-house Nuinsco report on the 2003-2004 diamond drill program, a search of the Ministry of Northern Development and Mines ERMES website, and assessment files from the Kenora Resident Geologist's office. The claim boundaries relating to this information are not presently the same as the property has been consolidated over the years

Although exploration activity in the area by individual prospectors dates back to the 1930s, the documented exploration in the Ministry of Northern and Development and Mines assessment files housed in Kenora Resident Geologist Office begins in 1967. It has been reported by local landowners that exploration has been undertaken on private lands, for which there is no record of filed assessment work.

In 1967 copper was recorded from a water well hole on the western shore of Off Lake. Subsequently *Noranda Exploration Company* registered claims around the original discovery and performed mapping, geophysics, and diamond drilling. This activity met with limited success and the claims were allowed to lapse.

In 1971 *International Nickel Company of Canada Limited* conducted airborne and follow-up ground geophysics across a large portion of the greenstone belt. Although there is no record of this work, Inco did file a report on two diamond drill holes in Richardson Township in 1973. Results are unknown.

In 1972 *Hudson's Bay Exploration and Development,* (HBED) carried out airborne geophysical surveys followed by claim staking and ground geophysics. In 1973, HBED drilled 54 diamond drill holes to test 42 E.M. conductors for base metals.

Considerable interest was generated in the area west of Finland following the release of the Ontario Geological Survey (OGS) map *No. P 3140, "Gold Grains in Rotosonic Drill Core and Surface Samples (1987-1988)".* Based on the results of this survey *Mingold Resources Inc.* staked 85 claims in 1989 and optioned patented lands from 12 local landowners in three separate blocks in Richardson, Tait, Pattullo, and Sifton townships. Between mid-1989 and late-1990 *Mingold* conducted a sampling program of the glacial drift by hand, backhoe

trenching and reverse circulation drilling. Geological mapping and ground geophysics accompanied this work and three holes were drilled in Pattullo Township. As the results of this drilling were inconclusive, the highly anomalous values obtained in the tills were left unexplained.

Nuinsco began assembling the Rainy River Project land position in 1991 centered on the Richardson Township OGS rotasonic drill results and on the Menary Township gold occurrences of *Western Troy Resources*. In 1993, the land position was expanded to include Crown Land in several townships extending west to the USA international boundary. Fieldwork began in June 1993 and to the present *Nuinsco* has completed numerous surveys. This work is summarised in Table 2.

Nuinsco exploration from 1993 to the present was directed, primarily, to defining anomalous gold in Richardson Township discovered by reverse circulation drilling. This work resulted in the discovery of the #17 Zone, and subsequently, the #34 Zone in 1995. Extensive diamond drilling followed and continued through mid-1997.

Additional reverse circulation drilling was carried out between the winters of 1995 through to 1997. This work led to the discovery of the 433 (gold) Zone that is located approximately 500m north of the #17 Zone. During 1999 additional drilling targeted the #34 Zone, and a magnetic-EM anomaly in Tait Township. From 2000 to 2001 an audio magneto-telluric (MT) geophysical survey was carried out in several areas. Anomalies were interpreted to be present in the vicinity of the #34 Zone, at Marr Rd., Dearlock, Brown Rd., south of the Pinewood River, and in Shenston Twp. Follow up diamond drilling did not result in discovery of any economic mineralization. Massive graphite was intersected at Dearlock, heavy disseminated sulphide at Kereliuk, and narrow massive but barren sulphide bands were intersected at Marr Rd.

In 2003, Nuinsco commissioned a NI 43-101 compliant report on the Rainy River Project titled: Exploration Summary & Mineral Resource Estimate For The #17 Gold Zone. The report was completed by Bruce Mackie, M.Sc., P.Geo, Eugene Puritch and Paul Jones, P.Geo. The independent resource estimate for the #17 Gold Zone was determined using various parameters. At a cut-off of 0.70 g/t gold the indicated resource was calculated to be

1,736,000 tonnes grading 1.56 g/t (87,100 contained ounces) and an inferred resource of 11,025,000 tonnes grading 1.33 g/t gold (471,400 ounces). The details of the estimate are presented in the Mineral Resource section of this report.

Subsequent to the Mackie report in 2003-2004, Nuinsco completed an 8 hole (1549.7metre) diamond drill program on the #34 zone (Wagg 2004). No additional drill testing of the #17 zone was completed following the Mackie report. The drill pattern was designed demonstrate the continuity of the #34 Zone by obtaining additional intersections on intermediate gridlines between previous intercepts, so as to have pierced the mineralized body on 50m and in some cases 25m centres. In an effort to determine an accurate measure of the width (downdip extent) and overall shape of the mineralization, several holes were collared so as to pass close to a previous intersection of the zone. All diamond drill holes were started vertically with the deepest hole being 227 metres.

Rainy River Resources Ltd. completed a major diamond drill program and numerous additional exploration activities between 2005 and 2010 on their Rainy River property located in Richardson Township.

REGIONAL GEOLOGY

REGIONAL GEOLOGY, MINERALIZATION and DEPOSIT TYPES

Adapted from Mackie et al. 2003

The property lies within the Rainy River Greenstone Belt. This belt is one component of the western part of the Archean Wabigoon Subprovince of the Canadian Shield, a 900 km long, east-west trending metavolcanic-metasedimentary domain bordered and intruded by granitoid intrusions of up to batholithic dimensions. The Wabigoon Subprovince is composed of several tectonically bounded assemblages consisting of komatiitic to calc-alkalic metavolcanics overlain by clastic and minor chemical sediments. Intrusion of the granitoid domes has imparted a synformal structural character to the supracrustal rocks, and the central axial zones of many of these synformal belts may be characterised by long sinuous shear/fault zones. The larger, crustal-scale Quetico Fault (in part) forms the southern boundary of the Wabigoon Subprovince and crosscuts both supracrustal and plutonic assemblages of the western Wabigoon region.

Due to the paucity of outcrop data and thick overburden much of the geological framework of the Rainy River greenstone belt has been based on interpretation of aeromagnetic maps. The most recent mapping was carried out by Johns, Ontario Geological Survey in 1988 in conjunction with an OGS rotasonic drilling program. The regional-scale, east-west trending Quetico Fault is interpreted to trend south-westward through the Rainy River Greenstone Belt following a concordant magnetic low. However, the fault is regionally discordant and could equally well be extended due west through the Richardson area where considerable magnetic disruption is evident.

Although the bedrock geology of the project area is poorly understood, the Quaternary geology has been interpreted by the 1986-88 OGS surficial mapping and rotasonic drilling programs (Bajc,1991) and from similar programs in adjoining areas of Minnesota and Manitoba. In Late Wisconsian time when most and perhaps all of the Quaternary sediments were deposited the area lay on the suture zone between Labradorean and Keewatin ice domes. This juxtaposition resulted in deposition of a basal till layer of northeastern provenance, which is in direct contact with bedrock and useful for sampling, overlain by at least one horizon of till of western provenance.

Quaternary Geology

The surficial and subsurface Quaternary geology of the Rainy River area has been thoroughly summarised by Bajc (1991 a, b). Quaternary sediments intersected in Nuinsco's reverse circulation drill holes from 1994 to 1998 comprised till and lacustrine sediments from glacial Lake Agassiz from both the Labradorean and Keewatin events. Labradorean till rests on bedrock in > 90 percent of the drill holes and was the principal sampling horizon. Its thickness ranges from < 1 to > 20 metres and it is sympathetic to bedrock topography with thin till on bedrock highs and thicker till containing interlayers of ice contact glaciofluvial sand/gravel and embryonic Lake Agassiz clay-silt-sand in bedrock depressions. Striae measurements indicate an ice flow azimuth of 210 ± 10° for the Labradorean ice.

Bedrock Geology

As noted above, the bedrock geology of the Rainy River Greenstone Belt is poorly understood because of limited outcrop exposure and lack of past mineral exploration. In

general, the belt is bounded by the Sabaskong Batholith in the north and the Rainy Lake Batholithic Complex in the east. It extends south into Minnesota where the Long Point Intrusive Rocks, the Baudette Intrusive Rocks (both granitoid), and the Rainy Lake - Seine River Fault, the Vermillion Fault and the Four Towns Fault constrain the belt, and others farther to the west. A thin septum of supracrustal rocks separates the batholiths and connects the Rainy River belt with the Kakagi-Rowan Lakes Greenstone Belt to the north. To the west the greenstone terrain is overlain by unmetamorphosed Paleozoic to Mesozoic sedimentary rocks of the Western Sedimentary Basin.

Regional metamorphic grade is regarded as being generally of greenschist to lower-middle amphibolite facies but adjacent to the late-post tectonic stocks may attain upper amphibolite facies, with possible local partial remelting.

Structurally, the region is complex although very little structural detail is available for study. The strongest and earliest deformation event produced a well-defined penetrative fabric commonly observed on a regional scale and is probably the result of deformation and intrusion of late or post-tectonic intrusions. Subsequently, major faults, such as the Quetico Fault and the Rainy Lake-Seine River Fault, were established during an episode of northwest-southeast oriented, dextral, transgressive, ductile shear (Klein, et al, 1997). The deformation zones formed during this event are now schist, phyllonite, and mylonite zones of up to one-kilometre widths. The southern part of the region encompassing the Rainy River Project is transected by the Quetico Fault, although the surface trace of the fault is only conjectured.

The final episode of regional deformation occurred during the Early Proterozoic. It caused reactivation along the major regional faults, and the establishment of northwest oriented faults, which, are in part, filled by the diabase dykes of the Kenora - Fort Frances Dyke Swarm.

Middle Cretaceous, non-marine, fossiliferous, clastic sediments were encountered in an O.G.S. borehole, which was drilled 7.5 km northwest of Rainy River. Composed primarily of white to buff coloured, moderately sorted, silica sand and gravel, this occurrence is located in a protected hollow, down-ice from prominent bedrock highlands. Similar occurrences have been noted in a few of the Nuinsco reverse circulation drill holes.

PROPERTY GEOLOGY

Mapping completed by Blackburn (1976) and Johns (1988) has defined the Rainy River region as underlain by a thick succession of tholeiitic mafic metavolcanics, which conformably pass into an upper diverse intermediate metavolcanic assemblage. Mapping, overburden drilling, and diamond drilling by Nuinsco have refined in considerable detail the bedrock and overburden geology in southeast Richardson Township.

Lower Mafic Succession (LMS)

The most abundant rocks in the area are the mafic lithologies that locally form the metavolcanic basement. The lower part of the succession, in closer proximity to the Sabaskong Batholith is composed of medium to coarse grained, massive flows; these units are probably in part intrusive. Overlying the lower members of the succession are a series of subaqueously deposited, fine to medium grained, massive and pillowed flows and flow breccias, with subordinate tuff-hyaloclastite, and interflow and graphitic sediments.

The contact between the mafic metavolcanics and the overlying intermediate succession is conformable. At this interface well-bedded pyritic-graphitic sediments (+/- pyrrhotite), magnetite bearing iron formation and/or pyrite bearing tuff have been observed and imply a period of quiescence prior to the deposition of overlying horizons. Eight samples obtained from the LMS lithologies and analyzed for wholerock geochemistry show the assemblage to be tholeiitic high- Fe and high-Mg andesites.

Intermediate Succession

Abundant lichen growth and uniform weathering have hindered detailed mapping of individual stratigraphic units within the intermediate succession. Field mapping and subsequent diamond drilling indicates that the stratigraphy can be both varied and complex. The succession that comprises the intermediate assemblage abuts the western contact of the Blackhawk Stock in the east and extends at least 4.0 kilometres to the west. Lowermost components of the succession have been intersected in overburden drill holes.

The succession is interpreted to be composed predominantly of fine-grained pyroclastic deposits, composed of quartz eye dacite (crystal ash tuff), with subordinate ash horizons.

Fine grained, bedded, ash horizons have been intersected in drill holes near the contact with the underlying mafic assemblage. Coarser grained horizons, such as lapilli tuffs, are noted locally in drill core and on surface but comprise substantially subordinate proportion of the pile.

Intermediate and possible felsic flows and associated flow breccias appear to comprise only a small proportion of the assemblage. Blocky fragmental rock (tuff breccia, conglomerate) occurs near the contact of the Black Hawk Stock and is in close contact with finer grained well-bedded ash or sedimentary horizons. Ayers (1997) interprets portions of the pyroclastic assemblage to have been transported and reworked, producing sandstone and pebble conglomerate beds. Contacts between individual horizons are often vague, but where measurable are usually approximately east west, while dips range from 50° to 70° to the south. Thinner, well bedded sedimentary and exhalative horizons, (which may be siliceous, chloritic, argillic, or graphitic), and oxide facies iron formation have been intersected in drill holes.

Whole rock analyses obtained from unaltered samples unassociated with the #17 Gold Zone show the intermediate succession to be composed predominantly of calc-alkaline dacitic metavolcanics with lesser rhyolitic and andesitic units.

Intercalated, fine grained, locally feldspar phyric, mafic flow and tuff horizons have been intersected throughout the intermediate stratigraphic succession and comprise approximately 10%-20% of the volcanic pile. Locally, they are intimately interbedded, producing mixed successions that, because of the lack of exposure, have not been subdivided. Elsewhere they form distinct assemblages, up to 250 m thick. The exact configuration of the mafic horizons has not been determined because of thick overburden cover. Considerable disruption across interpreted northeast-southwest faults is inferred. The interbedded mafic horizons tend to plot as high iron tholeiites on an AFM diagram.

A noteworthy feature of the intermediate succession is the abundance of sulphide encountered, particularly within the quartz eye dacite, crystal-ash tuff members. The sulphides are evident on weathered outcrop surfaces as ubiquitous rusty patches. In drill core, the sulphides are present as fine disseminations, fracture fillings, and as larger (1-4

mm) euhedral grains. The disseminated pyrite is often accompanied by abundant sphalerite. The sphalerite usually occurs as disseminations and fracture fillings, but local bedded occurrences have been noted. As fracture fillings, the sulphide is often associated with quartz, chlorite, and carbonate and suggests an epigenetic origin but the presence of abundant, locally bedded, base metal implies a possible syngenetic origin. A pyrite content of approximately 3%-5% is common throughout the stratigraphy and has been mapped over an area that measures >2 km by >1.5 km.

Upper Felsic Succession

A geochemically defined contact, between the intermediate metavolcanic assemblage and the overlying felsic metavolcanics is inferred near the south boundary of Richardson Township. The contact is defined from bedrock chip sampling of reverse circulation (RC) drill holes collared immediately north of the Pinewood River, as well as from limited outcrop exposure. RC bedrock logs from this horizon describe this rock unit consistently as a quartz-phyric metavolcanic. The felsic unit is a few hundred metres thick and extends from the Blackhawk Stock west for about 4 km.

Mixed Succession

Mapping indicates that the felsic succession extends south to the Pinewood River before passing upward into intermediate (dacite-andesite) tuff horizons. In turn, these intermediate rocks are succeeded by mafic metavolcanics. In part, these lithologies are associated with airborne EM and magnetometer responses. Mapping in the mafic-intermediate assemblage in this area show the strike to be approximately 110° -120°.

The diverse lithologies in this assemblage produce considerable scatter when plotted. Lithologies on the AFM diagram vary from calc-alkaline rhyolites through to high-Fe tholeiites.

Metasediments

The uppermost member of the stratigraphic succession is comprised of metasediments. These rocks have been intersected south of Richardson Township and extend south and east of the Blackhawk Stock. Airborne and ground EM and magnetic responses have been

recorded in these rocks, several of which have been ground tested with diamond or reverse circulation drill holes. Graphite and sulphide has been observed. No significant base metal has been found.

Felsic-Intermediate Intrusions

Abundant felsic-intermediate dykes cut the mafic stratigraphic succession. These anastomosing dykes cut the mafic flows at a low oblique angle. The dykes strike generally at 30° and range in size from decimetre to decametre in thickness. Textural and chemical similarities between these bodies and the intermediate metavolcanics suggest that these dykes may be feeders to the felsic-intermediate succession.

Pink-grey, quartz-phyric intermediate intrusions have been intersected in overburden and diamond drill. The intrusions usually consist of well foliated, mottled and sericitic rock carrying low sulphide content. They are interpreted to be early subvolcanic intrusions related to the metadacite pyroclastics.

Mafic-Ultramafic Intrusions

Narrow (sub-metre) mafic and possibly ultramafic intrusions have been frequently intersected in drill holes. In general these bodies are aphanitic to fine grained and massive to weakly feldspar phyric. Concordant and discordant contacts occur and shearing at contacts is quite common. Sulphide is generally limited to less than 2%.

Black Hawk Stock

Only equigranular, coarse grained, unfoliated, pink-gray monzonite of the marginal phase of the Black Hawk stock has been prospected. Outcrops of the interior zone of this intrusion are rare but do outcrop in the southeast part of the exploration area. These outcrops are grey, porphyritic granodiorite and display significant positive topographic relief.

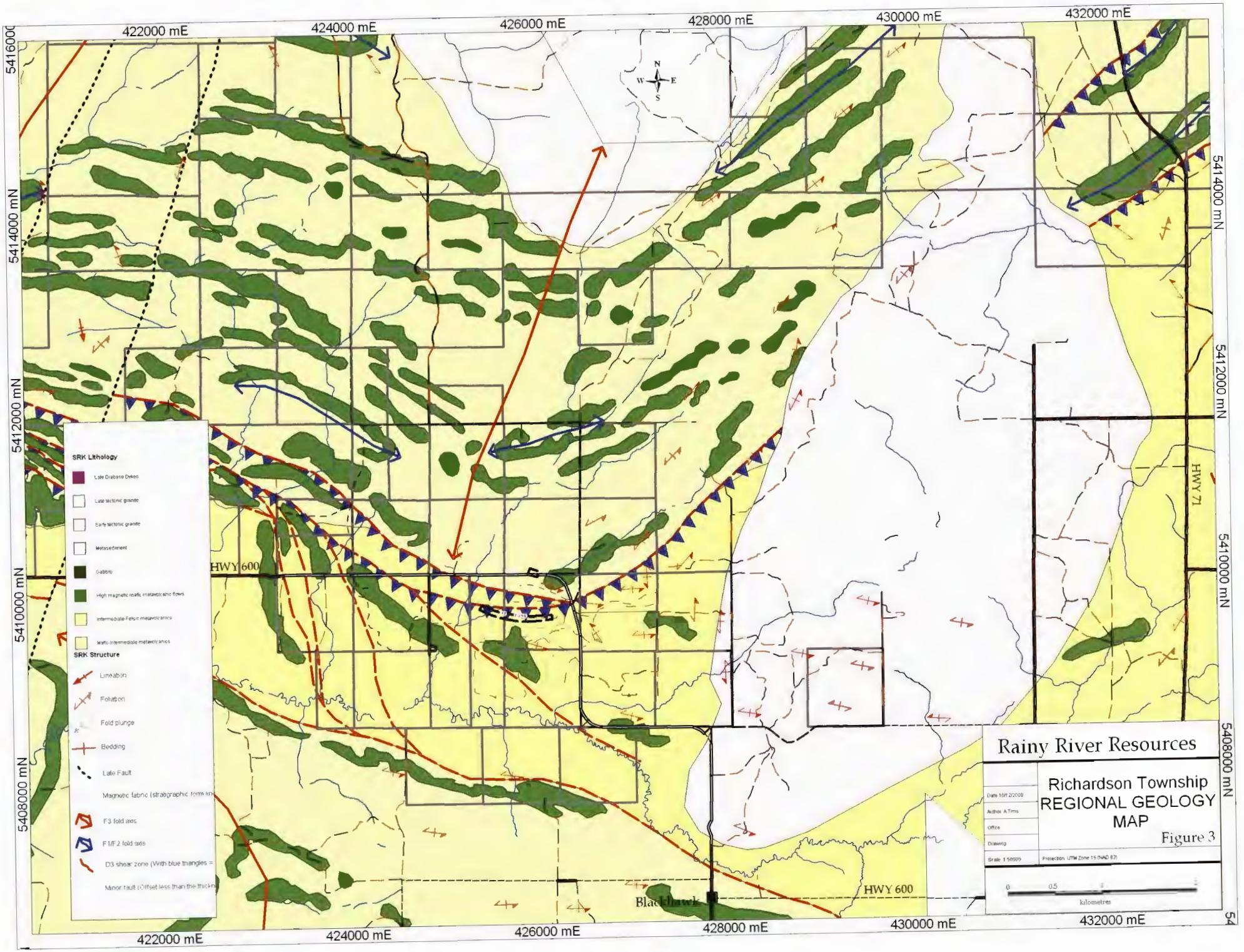
The contact between the Black Hawk Stock and the enveloping metavolcanic rocks is generally unexposed. Numerous narrow aplitic, and rare pegmatitic dykes are observed to cut the metavolcanic stratigraphy in proximity to this stock. In the extreme southeast of the exploration area, near the hamlet of Blackhawk, the contact with the country rock is observed to be sharp and unmineralised.

Diabase

Only one Proterozoic diabase dyke has been noted to outcrop. This dyke lies near the southwest corner of Lot 4, Concession I Richardson Township. It is approximately 10 metres thick, strikes 230° and has a measured near vertical dip. The strike extension of this diabase is inferred from intersections in drill holes on the north half of Lots 5 and 6, Con I and the south half of Lot 6, Con II. The dyke is well defined where it passes in close proximity to the mafic-ultramafic body.

Structural Geology

The area enclosing Richardson Township is interpreted to be folded about the nose of a south plunging anticline. This structure is paired with the Dearlock Syncline located approximately 3 km to the west. On the east limb of the anticline bedding measurements show the strike to be approximately 050° to 060°. To the west no measurements have been mapped but intersections obtained from diamond drilling are consistent with a strike of 100° to 110°. Where measured, bedding varies from vertical to approximately 70°S, although near the nose of the anticline dips may be much shallower - between 50° and 60° south. Generally, foliation closely parallels bedding. Planar fabrics are well developed throughout the volcanic pile except in the coarser grained gabbroic-basalt, felsic-intermediate dykes and the diabase. The regional foliation trajectories are observed to wrap around the Blackhawk Stock.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SRK Lithology
Late Diabase Dykes
Late tectonic granite
Early tectonic granite
Metasediment
Gabbro
High magnetic mafic metavolcanic flows
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F1/F2 fold axis
D3 shear zone (With blue triangles =
Minor fault (Offset less than the thickn
HWY 600
HWY 71
Blackhawk
Rainy River Resources
Richardson Township
REGIONAL GEOLOGY
MAP
Figure 3
Date 10/12/2008
Author A.Tims
Office
Drawing
Scale 1:50000
Projection: UTM Zone 15 (NAD 83)
0
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kilometres

Gold Mineralization

This section is adapted from the Mackie et al. (2003) report:

In 1993 Nuinsco began to systematically develop exploration targets within the Rainy River district by employing a reconnaissance-scale overburden-drilling program - initially using a rotasonic drill-rig and in subsequent surveys a more economical reverse circulation drill-rig. The purpose of this work was to locate gold-in-till dispersal trains overlying the bedrock and to map bedrock in areas of thick glacial till. Overburden drilling in this clay and till covered greenstone belt has proved to be an effective exploration method.

A benefit of the widespread overburden drilling (>650 drill holes) was the ability to interpret bedrock geology from the recovered chips obtained from most holes. All of these samples were analysed for whole rock geochemistry and a variable assay suite. These analyses were employed to enhance the regional geological framework and to provide insight into the type and extent of regional alteration patterns (Franklin, 2000 and 2001).

Once the gold in till and bedrock anomalies were defined a comprehensive diamond drill program was completed to assess the targets and define the extent of gold mineralization.

The three mineralized zones targeted by Nuinsco and Rainy River Resources, "17 Zone", "433 Zone and "34 Zone", are briefly described below.

Gold "17 Zone"

The #17 Zone is a buried, broad and diffuse zone of gold mineralization hosted by quartz eye dacite and ash tuffs. It has been traced along strike for a distance of 950 metres where, at each end, the zone narrows significantly. It is open down-dip. The mafic-ultramafic, host to the #34 Zone copper-nickel sulphide mineralization, is spacially associated with the gold mineralization. Diamond drilling has outlined a large central gold zone that strikes at approximately 100° and dips at approximately 55°S. It has an average true width of approximately 75 metres. The depth to which the #17 Zone extends has not been determined. It has been tested systematically to a maximum depth of about 240 metres; however, subordinate parallel zones have been encountered to 350 metres. The gold occurs within a regional magnetic low feature that extends a distance of some 11 kilometres.

Gold "433 Zone"

During the summer of 1997 a diamond-drilling program was initiated to investigate an exceptional gold-in-till anomaly (608 grains of gold) that was discovered by reverse circulation drilling in the winter of the same year (RC-433). A total of 11 holes were collared up-ice direction of this RC hole. Diamond drilling across one section intersected a gold zone of 10-30 metres in width carrying similar grade to the #17 Gold Zone.

Base Metal "34 Zone"

In 1995, drill hole NR-95-34 intersected massive and disseminated (net textured) Ni-Cu-PGE-Au-Ag-Co bearing sulphide within a chloritized, talcose, carbonatized, and locally serpentinized, mafic-ultramafic (MUM) host. Since this initial intercept, numerous drill holes have been collared in an attempt to trace the MUM body and its contained sulphide. As many of the holes targeted to hit this massive sulphide lens failed to intersect, it is assumed that the zone is of small diameter and tubular in configuration

The irregular "tadpole shaped" MUM host is elongated along a NE-SW orientation (strike of 045°) and is discordant to local bedding. The body has been emplaced into the #17 Zone. The predominant rock type is composed of a melagabbro or pyroxenite containing 11-19 wt% MgO. At present, it is known to extend 350 m along strike with widths of >100m and a shallow plunge of about 12° W along the trend of the MUM body.

DRILL PROGRAM SUMMARY

Drilling commenced on June 27th and ended on July 3rd, 2010. Bradley Brothers Drilling Inc. of Rouyn-Noranda, Quebec was contracted to perform the diamond drilling using Boyles 37 drill rig. The drill program consisted of two NQ holes, numbered NR10-519 and NR10-521, totaling 861 metres.

The two diamond drill holes were completed on mining rights Freehold Patent 25894 covering the western half of Lot 6, Concession 1 in Richardson Township. Rainy River Resources is the registered title holder to this Patent. Diamond drill logs are located in Appendix 1 while assay certificates with gold and ICP results are listed in Appendix 2.

A total of 258 samples were taken for Au fire assay with an AA finish plus a 32 element ICP-MS scan. Assay procedures for Accurassay Laboratories of Thunder Bay are listed in Appendix 5. Sample lengths averaged 1.5 metres. Eleven standards or blanks, inserted every 40th sample, were used for quality control of the analytical results. These samples can be easily spotted in the assay database as their sample intervals are forty samples from the start of sampling.

Samples were split at the Rainy River Resources core shack and shipped to Accurassay Laboratories by Gardwine Transport Inc in Fort Francis. All drill cores are stored in outdoor core racks on the Rainy River core shack property.

Table 2
Diamond Drill Program Details

Hole	Easting	Northing	Azimuth	Dip	Length
NR-10-519	424782	5409788	359	-55	445.0
NR-10-521	424785	5409820	359	-55	416.0
				Total	861.0 m

Drill log Summary

NR10519 was spotted to test a gold-in-till anomaly outlined` by Overburden Drilling Management during a previous work program. Casing was completed to 60 m where a sericite altered matrix supported Lapilli Tuff to Tuff Breccia was encountered to 91 m. The fragmental unit graded into a Pebble Conglomerate hosting subangular to sublenticular pebbles to cobbles consisting of rhyodacite, dacite, and chert in a sericite matrix. The unit begins as clast supported becoming matrix supported by 101 m. A ptygmatically folded blue cordierite veinlet occurs at 93.8m plus a Quartz-Kyanite vein cuts the core at 60° TCA at 95.8 m. A second Qz-Ky vein is also present at 103.2 m with possible stibinite. Sulphides average 1-2% fine-grained disseminated fracture filling pyrite. The lower contact at 152 m is sharp at 55° TCA. A similar Lapilli Tuff to Tuff Breccia as above hosting 1-2% quartz crystals follows to 175 m with both moderate sericite and chlorite altered matrix. Centimetre-scale quartz-carbonate veinlets with trace specular hematite average of 1-2 for every 3 m of core. The lower contact is marked by an increase to strong sericite alteration obliterating all fragmental textures yet preserving the quartz crystals. Foliation flattens from 75° to the core axis to 55° TCA with well developed crenulations cleavage. Lower

contact is a 10 cm wide fault gouge at 187.3 m followed by a similar Lapilli Tuff to Tuff Breccia unit to 283 m. Centimetre-scale quartz-carbonate veinlets with trace specular hematite persist throughout the unit. A blocky fault zone from 238 to 247 m follows with a Felsic Tuff with trace quartz crystals encountered to 278 m. A heterolithic Lapilli Tuff hosting 2-3% quartz eyes and 25-35% subangular to lenticular heterolithic fragments followed till a Syenite Dyke was encountered at 317 m. The massive tan intrusive was in sharp contact with a Quartz Crystal Tuff to 322 m. A fine-grained pale grey-green tuff with trace to 3% 1-2 mm Qz crystals in a moderately sericite altered matrix with increasing chlorite content at depth possesses a vague contact at 434 m. The Mafic Volcanics are dark green, initially weakly magnetic, very fine-grained tuff grading into a Py rich magnetic flow with relic pillow selvages hosting 3-4% Py as foliation parallel stringers and fine-grained disseminations ending the hole at 445 m. The two highest gold assays (334 and 528 ppb) both came from a Tuff unit with strong to intense sericite.

NR10-521 is on the same north-south section as NR10-519 designed to test a gold-in-till anomaly. Casing collared into a Pebble Conglomerate at 44 m and continued to 98 m where it graded into a Tuff Breccia. The Tuff unit was moderate to strongly silicified and foliated at 70° TCA with a widely spaced (50-150 cm) crenulation cleavage developed at 20° TCA. A 6 m wide fault followed from 209 to 215 m. A similar Tuff Breccia unit was encountered after the fault to 232 m where it graded into fine Tuff unit hosting relic feldspars and 4-5% quartz crystals to a depth of 249 m where a Pebble Conglomerate was encountered after a sheared and quartz vein intruded contact zone. Rounded to sub-rounded heterolithic pebbles ranging from dacite to rhyodacite and chert supported in a variably altered matrix characterize the conglomerate to 276 m. A fault zone intruded by a foliated Quartz Porphyry Dyke cuts the core from 276 to 283 m with a Lapilli Tuff with trace fuchsite following in the footwall to the fault. The lower contact of the Lapilli Tuff is intruded by a massive pink syenite dyke from 289 to 291 m. A tuffaceous unit with variable quartz crystal content after the dyke follows to a depth of 402 m in sharp contact with strongly magnetic Mafic Volcanics. The best composite in NR10-521 was 1.424 g/t over 3 m in a Tuff Breccia at 155 m.

CONCLUSION AND RECOMMENDATIONS

While erratic and weakly anomalous gold value were obtained from the two drill hole fence, the source of the gold-in-till anomaly averaging 162 gold grains was not explained. Reverse circulation drill hole spacing defining the gold dispersal train averages 100 m. Further core drilling is required to define the bedrock source of the 325 m long by 200 m wide gold grain till train. Continuation of the present fence of holes plus a parallel fence 100m to the east terminating under the gold-in-bedrock anomaly in RC hole RR05-089 is recommended.

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STATEMENT OF QUALIFICATIONS

I, Andrew A. B. Tims, of 317 Sillesdale Cr., Thunder Bay Ontario hereby certify that:

1.) I am the author of this report.

2.) I graduated from Carleton University, in Ottawa, with a Bachelor of Science Degree in Geology (1989).

3.) I possess a valid prospector's license and have been practising my profession as a geologist involved in mineral exploration for the past 21 years.

4.) I am a practising member of the Association of Professional Geoscientist of Ontario as well as a Fellow of the Geological Association of Canada.

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 Inc.

Thunder Bay, Ontario
January 22, 2011

Andrew Tims
Geologist
Rainy River Resources Inc.

APPENDIX 1 - Diamond Drill Logs

NR10521

Hole No	**NR10521**
East	**424785**
North	**5409820**
Elevation	**350**
Coordinates	**NAD83**
Hole Length	**416**
Collar Dip	**-55**
Collar Az	**359**
Project	**Richardso**
Start Date	**6/27/10**
Finish Date	**7/3/10**
Location	**On Site**
Logged By	**AT**
Log Date	**02/07/2010**
Contractor	**Bradley**
Geophysic	**Yes**
Drill Year	**2010**
Comment	

Surveys

Depth	Az	Dip
53	1.8	-52.9
104	2.8	-51.5
155	3.8	-50.8
205	6.1	-50.2
251	7.9	-49.8
308	8.3	-49.2
359	8.0	-49.2
416	8.2	-49.1

Depth	Code	Description
0 to 43.7m	14	Overburden
43.7 to 98m	5dac	Pebble Conglomerate - intial 10 m is strongly bleached and vuggy otherwise a fine-grained, light grey, clast supported with rounded to subrounded heterolithic pebbles ranging from dacite to chert, rhyodacite, unit grades into a greywacke over 1-2 metre intervals, all set in a very fine-grained Qz/Ser/Cl matrix, moderate groundmass sericite throughout, weak chlorite as aphanitic diffuse interstitial grains, minor carbonate annealing fractures, 1-2% Py as fine-grained subhedral disseminations and localized semi-massive matrix replacement, moderately foliated at 70° TCA, the unit grades into a clast supported tuff breccia; 90.5 m - sharp fault with vuggy halo and 25° TCA;
98 to 209m	4cfb	Tuff Breccia - mottled light and dark grey, very fine-grained chlorite-biotite-Py rich matrix wrapping around lapilli to block size clasts, clast supported with clast size increasing downhole and matrix content decreasing to 4-5% of unit volume, clast size varies localy becoming lapilli rich over 2-3 m intervals, locally breccia free intervals over 1-2 m typically accompanied by moderate to strong silica alteration along leading and trailing margins, folaition averages 70° TCA with a widely spaced (50-150 cm) crenulation cleavage developed at 20° TCA from 136 m to 164 m, minor fold noted at 138.6 m, 1-2% Py as disseminated matrix replacement, trace Gn noted in a 6 cm wide Qz-Ank veinlet at 70° TCA, 176 to 183 m - folaition parallel centimetre-scale Qz-Ank veinlet hosting tr-3% Cp and trace Gn;
209 to 215m	11c	Fault - composed of strongly altered 4cfb wallrock chips and mm scale intervals of fault gougewith slip planaes at 65° TCA;
215 to 232m	4cfb	Tuff Breccia - similar mottled unit as above with lapilli to block size clasts, clast supported with the contract between clast and matrix waning by the end of the interval, folaition averages 70° TCA, 1-2% Py as disseminated matrix replacement, lower contact is gradational;
232 to 248.9m	4c	Tuff - light grey-green to tan, fine-grained matrix composed of up to 65% relict feldspar, 20-25% groundmass sericte, 4-5% Qz xtals, 3-4% fine to medium-grained sub to euhedral blebby and disseminated Py, foliated at 75° TCA with irregularly distributed weak cenulation cleavage at 30° TCA, lower contact is sheared hosting boudin Qv, over a 30 cm interval;
248.9 to 275.9m	5dac	Pebble Conglomerate - fine-grained, light grey, matrix supported with rounded to subrounded heterolithic pebbles ranging from dacite to chert, rhyodacite, set in a very fine-grained Qz/Ser/Cl matrix, moderate groundmass sericite throughout, weak chlorite as aphanitic diffuse interstitial grains, minor carbonate annealing fractures, 1-2% Py as fine-grained subhedral disseminations and localized semi-massive matrix replacement, moderately foliated at 70° TCA, ;
275.9 to 276m	11c	Fault - fault gouge with slip plane at 75° TCA;
276 to 283.2m	8c	Quartz Porphyry - grey, fine-grained, 1-5% 1 - 3mm dark blue-grey Qz crystals, foliated t@ 75° TCA, moderate sericite becoming finer greained due to strong sericite by the lower contact, moderately silicified, minor erratic white-grey Qz-Cb veinlets, 1% disseminated to stringer Py, lower contact is a fault;
283.2 to 283.3m	11c	Fault - fault gouge with slip plane at 75° TCA;
283.3 to 289.2m	4cfa	Lapilli Tuff - fine-grained, light grey, pseudo-banded with a diffuse fragmental texture locally, trace heterolithic fragments, moderate groundmass sericite, weak to nil interstital chlorite as diffuse mottled grains, 1-2% Py fine-grained disseminations, trace localized fuchsite coincident with mm scale sericitic laminations, foliated at 75° TCA, lower contact is sharp at 80° TCA;

Depth	Code	Description
289.2 to 291.3m	10b	Syenite - fine-grained, medium pink, massive equigranular and homogenous with sharp upper and lower contacts, moderate Kfsp throughout, weak patchy sericite and epidote, minor chlorite, trace to nil euhedral Py, predominantly along fracture planes, lower contact is sharp at 85° TCA;
291.3 to 299.4m	4ca	Quartz Crystal Tuff - fine-grained, grey, 4- 5% grey Qz xtals, moderate groundmass sericite,1-2% fine-grained suhedral disseminated Py, moderately foliated at 80° TCA, lower contact is intruded by a Qv;
299.4 to 368.6m	4c	Tuff - light grey, fine-grainedwith metre-scale intervals of diffuse subangular medium size lapilli fragments, 1-2% Qz xtals locally, weak to moderate sericite, 1-2% subhedral disseminated Py, foliated at 80° TCA, lower contact is marked by an increase in foliation intensity, Qz veining, and a sharp change in texture from foliated to massive - possibly indicating and old structure;
368.6 to 373m	8c	Quartz Porphyry - grey, very fine-grained, 4-5% 1 - 3mm grey Qz crystals, weakly foliated to massive, weak to moderate sericite bmoderately silicified, minor erratic white-grey Qz-Cb veinlets, lower contact is lost in broken core;
373 to 402.4m	4c	Tuff - similar light grey, fine-grained unit as above with metre-scale intervals of diffuse subangular medium size lapilli fragments, 1-2% Qz xtals locally, weak to moderate sericite, 1-2% subhedral disseminated Py, foliated at 70° TCA, lower contact is sharp;
402.4 to 416m	2a	Mafic Volcanics - green to grey-green, fine-grained, featureless, strongly magnetic chlorite rich matrix, weak pervasive Cb, locally silcified, 2-3% stringer Py, foliation averages 70° TCA;
416 to 416m		EOH

NR10-519 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10519	RRR086501	71.5	73	1.5	78	<1
NR10519	RRR086502	73	74.5	1.5	86	<1
NR10519	RRR086503	74.5	76	1.5	72	<1
NR10519	RRR086504	76	77.5	1.5	61	<1
NR10519	RRR086505	77.5	79	1.5	17	<1
NR10519	RRR086506	79	80.5	1.5	19	<1
NR10519	RRR086507	80.5	82	1.5	13	<1
NR10519	RRR086508	82	83.5	1.5	18	<1
NR10519	RRR086509	83.5	85	1.5	19	<1
NR10519	RRR086510	85	86.5	1.5	8	7
NR10519	RRR086511	86.5	88	1.5	11	<1
NR10519	RRR086512	88	89.5	1.5	15	<1
NR10519	RRR086513	89.5	90.9	1.4	37	<1
NR10519	RRR086514	90.9	92.5	1.6	31	<1
NR10519	RRR086515	92.5	94	1.5	30	2
NR10519	RRR086516	94	95.5	1.5	42	3
NR10519	RRR086517	95.5	97	1.5	27	2
NR10519	RRR086518	97	98.5	1.5	43	2
NR10519	RRR086519	98.5	100	1.5	45	1
NR10519	RRR086520	100	101.5	1.5	38	37
NR10519	RRR086521	101.5	103	1.5	34	1
NR10519	RRR086522	103	104.5	1.5	21	1
NR10519	RRR086523	104.5	106	1.5	16	1
NR10519	RRR086524	106	107.5	1.5	28	<1
NR10519	RRR086525	107.5	109	1.5	20	<1
NR10519	RRR086526	109	110.5	1.5	20	<1
NR10519	RRR086527	110.5	112	1.5	17	<1
NR10519	RRR086528	112	113.5	1.5	25	2
NR10519	RRR086529	113.5	115	1.5	22	<1
NR10519	RRR086530	115	116.5	1.5	96	83
NR10519	RRR086531	116.5	118	1.5	41	2
NR10519	RRR086532	118	119.5	1.5	107	2
NR10519	RRR086533	119.5	121	1.5	145	3
NR10519	RRR086534	121	122.5	1.5	67	3
NR10519	RRR086535	122.5	124	1.5	35	3
NR10519	RRR086536	124	125.5	1.5	41	3
NR10519	RRR086537	125.5	127	1.5	24	<1
NR10519	RRR086538	127	128.5	1.5	44	<1
NR10519	RRR086539	128.5	130	1.5	35	1
NR10519	RRR086540	130	130	0	1773	<1
NR10519	RRR086541	130	131.5	1.5	38	1
NR10519	RRR086542	131.5	133	1.5	29	<1
NR10519	RRR086543	133	134.5	1.5	35	2
NR10519	RRR086544	134.5	136	1.5	50	2
NR10519	RRR086545	136	137.5	1.5	46	<1
NR10519	RRR086546	137.5	139	1.5	18	<1

NR10-519 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10519	RRR086547	139	140.5	1.5	22	<1
NR10519	RRR086548	140.5	142	1.5	176	2
NR10519	RRR086549	142	143.5	1.5	60	3
NR10519	RRR086550	143.5	145	1.5	69	85
NR10519	RRR086551	145	146.5	1.5	186	2
NR10519	RRR086552	146.5	148	1.5	179	1
NR10519	RRR086553	148	149.5	1.5	139	2
NR10519	RRR086554	149.5	151.6	2.1	137	2
NR10519	RRR086555	151.6	152.5	0.9	58	<1
NR10519	RRR086556	152.5	154	1.5	69	<1
NR10519	RRR086557	154	155.5	1.5	182	1
NR10519	RRR086558	155.5	157	1.5	194	<1
NR10519	RRR086559	157	158.5	1.5	156	1
NR10519	RRR086560	158.5	160	1.5	264	210
NR10519	RRR086561	160	161.5	1.5	343	<1
NR10519	RRR086562	161.5	163	1.5	110	1
NR10519	RRR086563	163	164.5	1.5	159	<1
NR10519	RRR086564	164.5	166	1.5	30	1
NR10519	RRR086565	166	167.5	1.5	36	1
NR10519	RRR086566	167.5	169	1.5	33	<1
NR10519	RRR086567	169	170.5	1.5	95	<1
NR10519	RRR086568	170.5	172	1.5	126	<1
NR10519	RRR086569	172	173.5	1.5	81	3
NR10519	RRR086570	173.5	175	1.5	152	114
NR10519	RRR086571	175	176.5	1.5	429	<1
NR10519	RRR086572	176.5	178	1.5	205	<1
NR10519	RRR086573	178	179.5	1.5	355	<1
NR10519	RRR086574	179.5	181	1.5	485	2
NR10519	RRR086575	181	182.5	1.5	528	<1
NR10519	RRR086576	182.5	184	1.5	124	2
NR10519	RRR086577	184	185.5	1.5	198	<1
NR10519	RRR086578	185.5	187	1.5	175	<1
NR10519	RRR086579	187	188.5	1.5	77	2
NR10519	RRR086580	188.5	188.5	0	6175	<1
NR10519	RRR086581	188.5	190	1.5	242	21
NR10519	RRR086582	190	191.5	1.5	116	3
NR10519	RRR086583	191.5	193	1.5	152	7
NR10519	RRR086584	193	194.5	1.5	27	1
NR10519	RRR086585	194.5	196	1.5	88	1
NR10519	RRR086586	196	197.5	1.5	25	<1
NR10519	RRR086587	197.5	199	1.5	68	<1
NR10519	RRR086588	199	200.5	1.5	31	1
NR10519	RRR086589	200.5	202	1.5	22	1
NR10519	RRR086590	202	203.5	1.5	33	34
NR10519	RRR086591	203.5	205	1.5	27	1
NR10519	RRR086592	205	206.5	1.5	28	<1

NR10-519 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10519	RRR086593	206.5	208	1.5	37	<1
NR10519	RRR086594	208	209.5	1.5	23	<1
NR10519	RRR086595	209.5	211	1.5	46	<1
NR10519	RRR086596	211	212.5	1.5	34	<1
NR10519	RRR086597	212.5	214	1.5	60	<1
NR10519	RRR086598	214	215.5	1.5	133	<1
NR10519	RRR086599	215.5	217	1.5	85	<1
NR10519	RRR086600	217	218.5	1.5	119	88
NR10519	RRR086601	218.5	220	1.5	30	2
NR10519	RRR086602	220	221.5	1.5	49	2
NR10519	RRR086603	221.5	223	1.5	32	<1
NR10519	RRR086604	223	224.5	1.5	31	<1
NR10519	RRR086605	224.5	226	1.5	88	<1
NR10519	RRR086606	226	227.5	1.5	43	<1
NR10519	RRR086607	227.5	229	1.5	34	<1
NR10519	RRR086608	229	230.5	1.5	33	<1
NR10519	RRR086609	230.5	232	1.5	32	<1
NR10519	RRR086610	232	233.5	1.5	21	19
NR10519	RRR086611	233.5	235	1.5	20	<1
NR10519	RRR086612	235	236.5	1.5	23	<1
NR10519	RRR086613	236.5	237.5	1	21	<1
NR10519	RRR086614	237.5	238.5	1	20	<1
NR10519	RRR086615	238.5	241	2.5	19	<1
NR10519	RRR086616	241	244	3	20	<1
NR10519	RRR086617	244	245.5	1.5	38	<1
NR10519	RRR086618	245.5	247.5	2	38	2
NR10519	RRR086619	247.5	250	2.5	49	1
NR10519	RRR086620	250	250	0	<5	<1
NR10519	RRR086621	250	251.5	1.5	273	1
NR10519	RRR086622	251.5	253	1.5	118	<1
NR10519	RRR086623	253	254.5	1.5	170	2
NR10519	RRR086624	254.5	256	1.5	212	3
NR10519	RRR086625	256	257.5	1.5	199	3
NR10519	RRR086626	257.5	259	1.5	203	2
NR10519	RRR086627	259	260.5	1.5	334	2
NR10519	RRR086628	260.5	262	1.5	106	<1
NR10519	RRR086629	262	263.5	1.5	107	1
NR10519	RRR086630	263.5	265	1.5	74	77
NR10519	RRR086631	265	266.5	1.5	105	<1
NR10519	RRR086632	266.5	268	1.5	187	2
NR10519	RRR086633	268	269.5	1.5	232	1
NR10519	RRR086634	269.5	271	1.5	209	<1
NR10519	RRR086635	271	272.5	1.5	183	<1
NR10519	RRR086636	272.5	274	1.5	152	<1
NR10519	RRR086637	274	275.5	1.5	73	<1
NR10519	RRR086638	275.5	276.7	1.2	37	1

NR10-519 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10519	RRR086639	276.7	278.5	1.8	20	<1
NR10519	RRR086640	278.5	280	1.5	32	39
NR10519	RRR086641	280	281.5	1.5	48	<1
NR10519	RRR086642	281.5	283	1.5	90	<1
NR10519	RRR086643	283	284.5	1.5	154	<1
NR10519	RRR086644	284.5	286	1.5	90	<1
NR10519	RRR086645	286	287.5	1.5	33	<1
NR10519	RRR086646	287.5	289	1.5	83	<1
NR10519	RRR086647	289	290.5	1.5	59	<1
NR10519	RRR086648	290.5	292	1.5	37	<1
NR10519	RRR086649	292	293.5	1.5	37	<1
NR10519	RRR086650	293.5	295	1.5	50	46
NR10519	RRR086651	295	296.5	1.5	28	<1
NR10519	RRR086652	296.5	298	1.5	25	<1
NR10519	RRR086653	298	299.5	1.5	74	<1
NR10519	RRR086654	299.5	301	1.5	23	<1
NR10519	RRR086655	301	302.5	1.5	54	<1
NR10519	RRR086656	302.5	304	1.5	79	<1
NR10519	RRR086657	304	305.5	1.5	41	<1
NR10519	RRR086658	305.5	307	1.5	40	<1
NR10519	RRR086659	307	308.5	1.5	28	<1
NR10519	RRR086660	308.5	308.5	0	1670	<1
NR10519	RRR086661	308.5	310	1.5	33	<1
NR10519	RRR086662	310	311.5	1.5	32	<1
NR10519	RRR086663	311.5	313	1.5	17	<1
NR10519	RRR086664	313	314.5	1.5	10	<1
NR10519	RRR086665	314.5	316	1.5	21	<1
NR10519	RRR086666	316	317.1	1.1	17	<1
NR10519	RRR086667	317.1	318.4	1.3	16	<1
NR10519	RRR086668	318.4	319.5	1.1	36	<1
NR10519	RRR086669	319.5	321	1.5	27	<1
NR10519	RRR086670	321	322.1	1.1	102	112
NR10519	RRR086671	322.1	323.5	1.4	26	<1
NR10519	RRR086672	323.5	325	1.5	106	3
NR10519	RRR086673	325	326.5	1.5	38	<1
NR10519	RRR086674	326.5	328	1.5	27	<1
NR10519	RRR086675	328	329.5	1.5	67	<1
NR10519	RRR086676	329.5	331	1.5	29	<1
NR10519	RRR086677	331	332.5	1.5	19	<1
NR10519	RRR086678	332.5	334	1.5	19	<1
NR10519	RRR086679	334	335.5	1.5	18	<1
NR10519	RRR086680	335.5	337	1.5	18	31
NR10519	RRR086681	337	338.5	1.5	28	<1
NR10519	RRR086682	338.5	340	1.5	13	<1
NR10519	RRR086683	340	341.5	1.5	11	<1
NR10519	RRR086684	341.5	343	1.5	11	<1

NR10-519 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10519	RRR086685	343	344.5	1.5	10	<1
NR10519	RRR086686	344.5	346	1.5	6	<1
NR10519	RRR086687	346	347.5	1.5	14	<1
NR10519	RRR086688	347.5	349	1.5	28	<1
NR10519	RRR086689	349	350.5	1.5	43	<1
NR10519	RRR086690	350.5	352	1.5	116	128
NR10519	RRR086691	352	353.5	1.5	87	2
NR10519	RRR086692	353.5	355	1.5	124	<1
NR10519	RRR086693	355	356.5	1.5	40	<1
NR10519	RRR086694	356.5	358	1.5	23	<1
NR10519	RRR086695	358	359.5	1.5	26	<1
NR10519	RRR086696	359.5	361	1.5	49	<1
NR10519	RRR086697	361	362.5	1.5	30	<1
NR10519	RRR086698	362.5	364	1.5	58	<1
NR10519	RRR086699	364	365.5	1.5	25	<1
NR10519	RRR086700	365.5	365.5	0	5721	<1
NR10519	RRR086701	365.5	367	1.5	27	<1
NR10519	RRR086702	367	368.5	1.5	55	<1
NR10519	RRR086703	368.5	370	1.5	17	<1
NR10519	RRR086704	370	371.5	1.5	32	<1
NR10519	RRR086705	371.5	373	1.5	36	<1
NR10519	RRR086706	373	374.5	1.5	38	<1
NR10519	RRR086707	374.5	376	1.5	16	<1
NR10519	RRR086708	376	377.5	1.5	35	<1
NR10519	RRR086709	377.5	379	1.5	29	<1
NR10519	RRR086710	379	380.5	1.5	90	69
NR10519	RRR086711	380.5	382	1.5	14	<1
NR10519	RRR086712	382	383.5	1.5	33	<1
NR10519	RRR086713	383.5	385	1.5	32	<1
NR10519	RRR086714	385	386.5	1.5	71	<1
NR10519	RRR086715	386.5	388	1.5	23	<1
NR10519	RRR086716	388	389.5	1.5	45	<1
NR10519	RRR086717	389.5	391	1.5	37	<1
NR10519	RRR086718	391	392.5	1.5	27	<1
NR10519	RRR086719	392.5	394	1.5	51	<1
NR10519	RRR086720	394	395.5	1.5	60	62
NR10519	RRR086721	395.5	397	1.5	48	<1
NR10519	RRR086722	397	398.5	1.5	20	<1
NR10519	RRR086723	398.5	400	1.5	29	<1
NR10519	RRR086724	400	401.5	1.5	19	<1
NR10519	RRR086725	401.5	403	1.5	22	<1
NR10519	RRR086726	403	404.5	1.5	28	<1
NR10519	RRR086727	404.5	406	1.5	111	<1
NR10519	RRR086728	406	407.5	1.5	50	<1
NR10519	RRR086729	407.5	409	1.5	79	<1
NR10519	RRR086730	409	410.5	1.5	88	44

NR10-519 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10519	RRR086731	410.5	412	1.5	34	<1
NR10519	RRR086732	412	413.5	1.5	25	<1
NR10519	RRR086733	413.5	415	1.5	18	<1
NR10519	RRR086734	415	416.5	1.5	27	<1
NR10519	RRR086735	416.5	418	1.5	26	<1
NR10519	RRR086736	418	419.5	1.5	41	<1
NR10519	RRR086737	419.5	421	1.5	38	<1
NR10519	RRR086738	421	422.5	1.5	48	<1
NR10519	RRR086739	422.5	424	1.5	30	<1
NR10519	RRR086740	424	425.5	1.5	34	39
NR10519	RRR086741	425.5	427	1.5	46	<1
NR10519	RRR086742	427	428.5	1.5	84	<1
NR10519	RRR086743	428.5	430	1.5	307	<1
NR10519	RRR086744	430	431.5	1.5	52	<1
NR10519	RRR086745	431.5	433	1.5	24	<1
NR10519	RRR086746	433	434.2	1.2	59	<1
NR10519	RRR086747	434.2	436	1.8	112	<1
NR10519	RRR086748	436	437.5	1.5	19	<1
NR10519	RRR086749	437.5	439	1.5	22	<1
NR10519	RRR086750	439	440.5	1.5	29	24
NR10519	RRR086751	440.5	442	1.5	29	<1
NR10519	RRR086752	442	443.5	1.5	34	<1
NR10519	RRR086753	443.5	445	1.5	35	<1

NR10519

Hole No	**NR10519**
East	**424782**
North	**5409788**
Elevation	**351**
Coordinates	**NAD83**
Hole Length	**445**
Collar Dip	**-55**
Collar Az	**359**
Project	**Richardso**
Start Date	**6/10/10**
Finish Date	**6/14/10**
Location	**On Site**
Logged By	**AT**
Log Date	**11/09/2010**
Contractor	**Bradley**
Geophysic	**Yes**
Drill Year	**2010**
Comment	

Surveys

Depth	Az	Dip
73	352.2	-52.8
124	354.0	-52.8
178	357.4	-49.5
226	3.0	-47.2
277	6.0	-47.1
328	6.6	-46.2
379	9.0	-46.1
445	14.9	-46.0

Depth	Code	Description
0 to 59.8m	14	Overburden
59.8 to 90.9m	4cfb	Monolithic Lapilli Tuff to Tuff Breccia - fine-grained, light grey, 1-2% quartz eyes, clast dominanted by lenticular to sublenticular lapilli up to 2cm wide supported in a sericte dominated matrix, large barren white quartz vein at 78 m with trace stibinite, weak to moderate groundmass sericite, initial 71 m ia blocky, vuggy with significant lost core, 1/2-1% fine-grained disseminated and stringer Py, moderately foliated at 65° TCA, lower contact is gradation over 20 cm;
90.9 to 151.6m	5dac	Pebble Conglomerate - fine-grained, grey, containing subangular to sublenticular pebbles to cobbles including rhyodacite, dacite, and cherty sediment in a sericite matrix, unit begins as clast supported becoming matrix supported by 101 m grading back into a clast supported unit by 120 m, a sub-metre wacke bed at 139.3m, moderate groundmass sercite, weak to moderate silicification imparting a waxy lustre, a ptygmatically folded blue corderite veinlet occurs at 93.8m, a Qz-Ky vein cuts the core at 60° TCA at 95.8 m, a Qz-Ky vein is also present at 103.2 m with possible stibinite, 1-2% Py, fine-grained disseminated and fracture filling, lower contact is sharp at 55° TCA;
151.6 to 175m	4cfb	Monolithic Lapilli Tuff to Tuff Breccia - fine-grained, light grey, 1-2% quartz eyes, clast dominanted by lenticular to sublenticular lapilli up to 2cm wide supported in a sericte/chlorite dominated matrix, moderate groundmass sericite, centimetre-scale Qz-Cb veinlets with trace Gn, average of 2 every 3 m, 1/2-1% fine-grained disseminated and stringer Py, trace disseminated Gn in veinlets, moderately foliated at 65° TCA, lower contact is marked by an increase in sericite alteration masking all fragmental textures;
175 to 187.3m	4c	Felsic Tuff - grey, fine-grained, moderate to strong sericte of matrix, 1 to 2% Qz eye, essentially a Qz eye sericite schist, foliated at 75° TCA flattening to 55 by end of interval, weak crenulation cleavage 15-20° TCA, 1-2% disseminated Py plus trace Gn in rare Qz-Cb veinlets, lower contact is a fault zone;
187.3 to 187.4m	11c	Fault Zone - 10 cm wide gouge, slip plane at 70° TCA;
187.4 to 238.5m	4cfb	Monolithic Lapilli Tuff to Tuff Breccia - fine-grained, light grey, 1-2% quartz eyes, clast dominanted by lenticular to sublenticular lapilli up to 2cm wide supported in a sericte/chlorite dominated matrix, moderate to strong groundmass sericite with the fragmental texture locally becoming obliterated, centimetre-scale Qz-Cb veinlets with trace Gn, average of 2 every 3 m, 1/2-1% fine-grained disseminated and stringer Py, trace disseminated Gn in veinlets, moderately foliated at 65° TCA, lower contact is a fault; 217.4 m - a 1.2 cm wide Qz+/-Ank at 5° TCA hosting 5-6% Gn over 35 cm;
238.5 to 247.4m	11c	Fault Zone - blocky core, ground core, lost core, fault gouge;
247.4 to 276.7m	4c	Felsic Tuff - grey, fine-grained, moderate to strong sericte of matrix, 2 to 3% Qz eye, essentially a Qz eye sericite schist, foliated at 65° TCA , 3-4% disseminated to blebby fine and medium-grained Py plus trace Gn in rare Qz-Cb veinlets, lower contact is sheared and intruded by a Qv;
276.7 to 317.1m	4cga	Heterolithic Lapilli Tuff - fine-grained quartz-sericite matrix, light grey overall, hosting 2-3% quartz eyes and 25-35% subangular to lenticular heterolithic fragments up to 3cm wide including rhyodacite, dacite, chert and mafic, clast content and size increases downhole, moderate sericite groundmass alteration, weak intergranual chlorite, and minor carbonate annealing fractures. 1-2% fine-grained Py, Moderately foliated at 65° TCA, unit looks like a pebble conglomerate over 1-2 m intervals;, sharp contacts

Depth	Code	Description
317.1 to 318.4m	10b	Syenite - fine-grained, tan, massive, silicified, from 317.1 to 317.8m there is a bull quartz vein,barren of mineralization, at the leading contact, minor Qv at the lower contact;
318.4 to 322.1m	4ca	Quartz Crystal Tuff - grey, very fine-grained sericite rich matrix hosting 4-5% Qz xtals averaging 2-3 mm in size, foliated at 70° TCA, trace-1/2% disseminated Py, lower contact is shaprt at 45° TCA;
322.1 to 434.2m	4c	Felsic Tuff - pale grey-green, fine-grained, trace to 3% 1-2 mm Qz crystals, weak to moderately foliated @ 75° TCA, overall moderate sericite, minor erratic white Cb-Py veinlets, variable pervasive silicia alteration imparting a vague bleaching of the unit, 1-2% fine-grained disseminated Py, lower contact is gradational over 2m with increasing chlorite content and numerous foliation paralle Qv's; 323.7-325.4 m - medium-grained diss Py averages 4-5%, 3 separate Qz-Ank veinlets at 50-70° TCA; 391.7 m - a 70 cm QFP dyklet;
434.2 to 445m	2a	Mafic Volcanic - dark green, initially a weakly magnetic very fine-grained tuff grading into a Py rich magnetic flow with relic pillow selvages, foliation averages 65° TCA, 3-4% Py as foliation parallel stringers and fine-grained disseminations;
445 to 445m		EOH

NR10-521 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10521	RRR089501	44	45.5	1.5	96	
NR10521	RRR089502	45.5	47	1.5	108	
NR10521	RRR089503	47	48.5	1.5	24	
NR10521	RRR089504	48.5	50	1.5	620	
NR10521	RRR089505	50	51.5	1.5	319	
NR10521	RRR089506	51.5	53	1.5	67	
NR10521	RRR089507	53	54.5	1.5	57	
NR10521	RRR089508	54.5	56	1.5	26	
NR10521	RRR089509	56	57.5	1.5	9	
NR10521	RRR089510	57.5	59	1.5	<5	
NR10521	RRR089511	59	60.5	1.5	9	
NR10521	RRR089512	60.5	62	1.5	6	7
NR10521	RRR089513	62	63.5	1.5	<5	
NR10521	RRR089514	63.5	65	1.5	13	
NR10521	RRR089515	65	66.5	1.5	82	
NR10521	RRR089516	66.5	68	1.5	17	
NR10521	RRR089517	68	69.5	1.5	24	
NR10521	RRR089518	69.5	71	1.5	26	
NR10521	RRR089519	71	72.5	1.5	79	
NR10521	RRR089520	72.5	74	1.5	24	
NR10521	RRR089521	74	75.5	1.5	39	
NR10521	RRR089522	75.5	77	1.5	12	16
NR10521	RRR089523	77	78.5	1.5	13	
NR10521	RRR089524	78.5	80	1.5	13	
NR10521	RRR089525	80	81.5	1.5	9	
NR10521	RRR089526	81.5	83	1.5	8	
NR10521	RRR089527	83	84.5	1.5	7	
NR10521	RRR089528	84.5	86	1.5	11	
NR10521	RRR089529	86	87.5	1.5	12	
NR10521	RRR089530	87.5	89	1.5	11	
NR10521	RRR089531	89	90.5	1.5	22	
NR10521	RRR089532	90.5	92	1.5	39	41
NR10521	RRR089533	92	93.5	1.5	40	
NR10521	RRR089534	93.5	95	1.5	67	
NR10521	RRR089535	95	96.5	1.5	38	
NR10521	RRR089536	96.5	98	1.5	32	
NR10521	RRR089537	98	99.5	1.5	37	
NR10521	RRR089538	99.5	101	1.5	27	
NR10521	RRR089539	101	102.5	1.5	80	
NR10521	RRR089540	102.5	102.5	0	1499	
NR10521	RRR089541	102.5	104	1.5	28	
NR10521	RRR089542	104	105.5	1.5	22	25
NR10521	RRR089543	105.5	107	1.5	71	
NR10521	RRR089544	107	108.5	1.5	28	
NR10521	RRR089545	108.5	110	1.5	34	
NR10521	RRR089546	110	111.5	1.5	41	

NR10-521 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10521	RRR089547	111.5	113	1.5	52	
NR10521	RRR089548	113	114.5	1.5	76	
NR10521	RRR089549	114.5	116	1.5	210	
NR10521	RRR089550	116	117.5	1.5	92	
NR10521	RRR089551	117.5	119	1.5	60	
NR10521	RRR089552	119	120.5	1.5	59	62
NR10521	RRR089553	120.5	122	1.5	97	
NR10521	RRR089554	122	123	1	127	
NR10521	RRR089555	123	124	1	85	
NR10521	RRR089556	124	125	1	71	
NR10521	RRR089557	125	126.5	1.5	650	
NR10521	RRR089558	126.5	128	1.5	160	
NR10521	RRR089559	128	129.5	1.5	221	
NR10521	RRR089560	129.5	131	1.5	146	
NR10521	RRR089561	131	132.5	1.5	202	
NR10521	RRR089562	132.5	134	1.5	52	81
NR10521	RRR089563	134	135.5	1.5	42	
NR10521	RRR089564	135.5	137	1.5	57	
NR10521	RRR089565	137	138.5	1.5	93	
NR10521	RRR089566	138.5	140	1.5	62	
NR10521	RRR089567	140	141.5	1.5	76	
NR10521	RRR089568	141.5	143	1.5	80	
NR10521	RRR089569	143	144.5	1.5	272	
NR10521	RRR089570	144.5	146	1.5	104	
NR10521	RRR089571	146	147.5	1.5	243	
NR10521	RRR089572	147.5	149	1.5	118	186
NR10521	RRR089573	149	150.5	1.5	190	
NR10521	RRR089574	150.5	152	1.5	113	
NR10521	RRR089575	152	153.5	1.5	986	
NR10521	RRR089576	153.5	155	1.5	1245	
NR10521	RRR089577	155	156.5	1.5	1602	
NR10521	RRR089578	156.5	158	1.5	363	
NR10521	RRR089579	158	159.5	1.5	105	
NR10521	RRR089580	159.5	159.5	0	5448	
NR10521	RRR089581	159.5	161	1.5	104	
NR10521	RRR089582	161	162.5	1.5	139	147
NR10521	RRR089583	162.5	164	1.5	67	
NR10521	RRR089584	164	165.5	1.5	281	
NR10521	RRR089585	165.5	167	1.5	50	
NR10521	RRR089586	167	168.5	1.5	37	
NR10521	RRR089587	168.5	170	1.5	32	
NR10521	RRR089588	170	171.5	1.5	20	
NR10521	RRR089589	171.5	173	1.5	27	
NR10521	RRR089590	173	174.5	1.5	15	
NR10521	RRR089591	174.5	176	1.5	20	
NR10521	RRR089592	176	177.5	1.5	26	25

NR10-521 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10521	RRR089593	177.5	179	1.5	25	
NR10521	RRR089594	179	180.5	1.5	28	
NR10521	RRR089595	180.5	182	1.5	57	
NR10521	RRR089596	182	183.5	1.5	410	
NR10521	RRR089597	183.5	185	1.5	155	
NR10521	RRR089598	185	186.5	1.5	83	
NR10521	RRR089599	186.5	188	1.5	27	
NR10521	RRR089600	188	189.5	1.5	32	
NR10521	RRR089601	189.5	191	1.5	20	
NR10521	RRR089602	191	192.5	1.5	18	20
NR10521	RRR089603	192.5	194	1.5	18	
NR10521	RRR089604	194	195.5	1.5	39	
NR10521	RRR089605	195.5	197	1.5	75	
NR10521	RRR089606	197	198.5	1.5	31	
NR10521	RRR089607	198.5	200	1.5	34	
NR10521	RRR089608	200	201.5	1.5	20	
NR10521	RRR089609	201.5	203	1.5	20	
NR10521	RRR089610	203	204.5	1.5	10	
NR10521	RRR089611	204.5	206	1.5	14	
NR10521	RRR089612	206	207.5	1.5	13	14
NR10521	RRR089613	207.5	209	1.5	13	
NR10521	RRR089614	209	210.5	1.5	10	
NR10521	RRR089615	210.5	212	1.5	42	
NR10521	RRR089616	212	213.5	1.5	15	
NR10521	RRR089617	213.5	215	1.5	23	
NR10521	RRR089618	215	216.5	1.5	48	
NR10521	RRR089619	216.5	218	1.5	9	
NR10521	RRR089620	218	218	0	<5	
NR10521	RRR089621	218	219.5	1.5	1458	1413
NR10521	RRR089622	219.5	221	1.5	123	
NR10521	RRR089623	221	222.5	1.5	190	
NR10521	RRR089624	222.5	224	1.5	275	
NR10521	RRR089625	224	225.5	1.5	244	
NR10521	RRR089626	225.5	227	1.5	83	
NR10521	RRR089627	227	228.5	1.5	105	
NR10521	RRR089628	228.5	230	1.5	137	
NR10521	RRR089629	230	231.5	1.5	130	
NR10521	RRR089630	231.5	233	1.5	147	
NR10521	RRR089631	233	234.5	1.5	123	
NR10521	RRR089632	234.5	236	1.5	147	119
NR10521	RRR089633	236	237.5	1.5	330	
NR10521	RRR089634	237.5	239	1.5	203	
NR10521	RRR089635	239	240.5	1.5	125	
NR10521	RRR089636	240.5	242	1.5	167	
NR10521	RRR089637	242	243.5	1.5	219	
NR10521	RRR089638	243.5	245	1.5	107	

NR10-521 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10521	RRR089639	245	246.5	1.5	43	
NR10521	RRR089640	246.5	248	1.5	87	
NR10521	RRR089641	248	248.9	0.9	179	
NR10521	RRR089642	248.9	250	1.1	27	28
NR10521	RRR089643	250	251	1	98	
NR10521	RRR089644	251	252.5	1.5	72	
NR10521	RRR089645	252.5	254	1.5	87	
NR10521	RRR089646	254	255.5	1.5	57	
NR10521	RRR089647	255.5	257	1.5	32	
NR10521	RRR089648	257	258.5	1.5	62	
NR10521	RRR089649	258.5	260	1.5	58	
NR10521	RRR089650	260	261.5	1.5	67	
NR10521	RRR089651	261.5	263	1.5	48	
NR10521	RRR089652	263	264.5	1.5	81	88
NR10521	RRR089653	264.5	266	1.5	41	
NR10521	RRR089654	266	267.5	1.5	34	
NR10521	RRR089655	267.5	269	1.5	29	
NR10521	RRR089656	269	270.5	1.5	14	
NR10521	RRR089657	270.5	272	1.5	72	
NR10521	RRR089658	272	273.5	1.5	30	
NR10521	RRR089659	273.5	275	1.5	17	
NR10521	RRR089660	275	275	0	1474	
NR10521	RRR089661	275	276	1	26	
NR10521	RRR089662	276	277	1	32	35
NR10521	RRR089663	277	278	1	26	
NR10521	RRR089664	278	279.5	1.5	22	
NR10521	RRR089665	279.5	281	1.5	49	
NR10521	RRR089666	281	282	1	22	
NR10521	RRR089667	282	283.2	1.2	16	
NR10521	RRR089668	283.2	284.5	1.3	18	
NR10521	RRR089669	284.5	285.5	1	29	
NR10521	RRR089670	285.5	287	1.5	33	
NR10521	RRR089671	287	288.5	1.5	30	
NR10521	RRR089672	288.5	290	1.5	282	309
NR10521	RRR089673	290	291.5	1.5	38	
NR10521	RRR089674	291.5	293	1.5	21	
NR10521	RRR089675	293	294.5	1.5	21	
NR10521	RRR089676	294.5	296	1.5	26	
NR10521	RRR089677	296	297.5	1.5	20	
NR10521	RRR089678	297.5	299.4	1.9	19	
NR10521	RRR089679	299.4	300.5	1.1	32	
NR10521	RRR089680	300.5	302	1.5	16	
NR10521	RRR089681	302	303.5	1.5	15	
NR10521	RRR089682	303.5	305	1.5	32	29
NR10521	RRR089683	305	306.5	1.5	40	
NR10521	RRR089684	306.5	308	1.5	31	

NR10-521 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10521	RRR089685	308	309.5	1.5	70	
NR10521	RRR089686	309.5	311	1.5	46	
NR10521	RRR089687	311	312.5	1.5	8	
NR10521	RRR089688	312.5	314	1.5	27	
NR10521	RRR089689	314	315.5	1.5	42	
NR10521	RRR089690	315.5	317	1.5	54	
NR10521	RRR089691	317	318.5	1.5	14	
NR10521	RRR089692	318.5	320	1.5	51	51
NR10521	RRR089693	320	321.5	1.5	15	
NR10521	RRR089694	321.5	323	1.5	28	
NR10521	RRR089695	323	324.5	1.5	75	
NR10521	RRR089696	324.5	326	1.5	71	
NR10521	RRR089697	326	327.5	1.5	21	
NR10521	RRR089698	327.5	329	1.5	24	
NR10521	RRR089699	329	330.5	1.5	31	
NR10521	RRR089700	330.5	330.5	0	4912	
NR10521	RRR089701	330.5	332	1.5	38	
NR10521	RRR089702	332	333.5	1.5	18	19
NR10521	RRR089703	333.5	335	1.5	21	
NR10521	RRR089704	335	336.5	1.5	24	
NR10521	RRR089705	336.5	338	1.5	52	
NR10521	RRR089706	338	339.5	1.5	35	
NR10521	RRR089707	339.5	341	1.5	18	
NR10521	RRR089708	341	342.5	1.5	67	
NR10521	RRR089709	342.5	344	1.5	20	
NR10521	RRR089710	344	345.5	1.5	23	
NR10521	RRR089711	345.5	347	1.5	45	
NR10521	RRR089712	347	348.5	1.5	46	31
NR10521	RRR089713	348.5	350	1.5	48	
NR10521	RRR089714	350	351.5	1.5	51	
NR10521	RRR089715	351.5	353	1.5	24	
NR10521	RRR089716	353	354.5	1.5	32	
NR10521	RRR089717	354.5	356	1.5	16	
NR10521	RRR089718	356	357.5	1.5	30	
NR10521	RRR089719	357.5	359	1.5	34	
NR10521	RRR089720	359	360.5	1.5	36	
NR10521	RRR089721	360.5	362	1.5	23	
NR10521	RRR089722	362	363.5	1.5	30	30
NR10521	RRR089723	363.5	365	1.5	23	
NR10521	RRR089724	365	366.5	1.5	49	
NR10521	RRR089725	366.5	368.6	2.1	15	
NR10521	RRR089726	368.6	370	1.4	13	
NR10521	RRR089727	370	371.5	1.5	15	
NR10521	RRR089728	371.5	373	1.5	11	
NR10521	RRR089729	373	374	1	19	
NR10521	RRR089730	374	375.5	1.5	25	

NR10-521 ASSAY SHEET

Hole Number	Sample No	From (m)	To (m)	Length (m)	Au (ppb)	Check (ppb)
NR10521	RRR089731	375.5	377	1.5	26	
NR10521	RRR089732	377	378.5	1.5	46	18
NR10521	RRR089733	378.5	380	1.5	15	
NR10521	RRR089734	380	381.5	1.5	21	
NR10521	RRR089735	381.5	383	1.5	24	
NR10521	RRR089736	383	384.5	1.5	136	
NR10521	RRR089737	384.5	386	1.5	24	
NR10521	RRR089738	386	387.5	1.5	46	
NR10521	RRR089739	387.5	389	1.5	74	
NR10521	RRR089740	389	389	0	<5	
NR10521	RRR089741	389	390.5	1.5	49	
NR10521	RRR089742	390.5	392	1.5	31	46
NR10521	RRR089743	392	393.5	1.5	33	
NR10521	RRR089744	393.5	395	1.5	38	
NR10521	RRR089745	395	396.5	1.5	32	
NR10521	RRR089746	396.5	398	1.5	42	
NR10521	RRR089747	398	399.5	1.5	70	
NR10521	RRR089748	399.5	401	1.5	13	
NR10521	RRR089749	401	402.5	1.5	62	
NR10521	RRR089750	402.5	404	1.5	415	
NR10521	RRR089751	404	405.5	1.5	40	
NR10521	RRR089752	405.5	407	1.5	51	47
NR10521	RRR089753	407	408.5	1.5	29	
NR10521	RRR089754	408.5	410	1.5	44	
NR10521	RRR089755	410	411.5	1.5	8	
NR10521	RRR089756	411.5	413	1.5	38	
NR10521	RRR089757	413	414.5	1.5	86	
NR10521	RRR089758	414.5	416	1.5	36	

APPENDIX 2 – Analysis Certificates

ACCURASSAY LABORATORIES
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Thunder Bay, ON
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Fax: (807) 622-7571
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assay@accurassay.com

Wednesday, February 2, 2011

Certificate of Analysis

Rainy River Resources Ltd.
Suite 303, 1620 West 8th Ave.
Vancouver, BC, CAN
V6J 1V4
Ph#: (604) 731-6900
Fax#: (604) 731-6999
Email: rrr@vianet.on.ca

Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042411
Reference: NR10-519
Sample #: 253

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
169914	RRR086501	0.078	<1	0.73	14	27	24	<2	6	0.97	<4	7	74	32	2.08	0.11	21	0.77	1028	<1	0.07	8	1164	<1	0.07	<5	<5	0.02	<10	24	<100	<2	4	<10	2	154
169915	RRR086502	0.086	<1	0.80	27	36	34	<2	2	1.87	<4	8	26	27	1.98	0.17	17	1.04	740	<1	0.09	9	1453	<1	0.03	<5	<5	0.02	<10	32	<100	<2	5	<10	2	224
169916	RRR086503	0.072	<1	1.07	26	24	19	<2	6	0.16	<4	9	65	16	2.06	0.10	34	0.63	412	<1	0.05	13	970	<1	0.02	<5	<5	0.02	<10	13	<100	<2	5	<10	<2	115
169917	RRR086504	0.061	<1	1.55	21	20	35	<2	4	0.17	<4	9	53	9	1.87	0.19	43	0.63	<100	<1	0.09	15	2356	<1	0.63	<5	<5	0.02	<10	24	<100	<2	7	<10	<2	93
169918	RRR086505	0.017	<1	1.18	37	29	16	<2	2	0.13	<4	6	159	16	1.47	0.08	38	0.58	<100	<1	0.05	11	1710	<1	0.76	<5	<5	0.02	<10	12	<100	<2	6	<10	<2	106
169919	RRR086506	0.019	<1	1.58	15	22	23	<2	4	0.19	<4	8	35	13	1.83	0.11	50	0.73	<100	<1	0.07	14	1350	<1	0.47	<5	<5	0.02	<10	16	<100	<2	7	<10	<2	96
169920	RRR086507	0.013	<1	1.31	28	14	15	<2	4	0.19	<4	9	46	6	1.87	0.07	43	0.66	263	<1	0.05	12	2407	<1	0.45	<5	<5	0.02	<10	11	<100	6	7	<10	<2	85
169921	RRR086508	0.018	<1	1.45	7	26	18	<2	<1	0.23	<4	6	25	2	1.71	0.07	49	0.63	411	<1	0.06	9	981	<1	0.17	<5	<5	0.02	<10	14	<100	<2	7	<10	<2	85
169922	RRR086509	0.019	<1	1.10	8	26	17	<2	8	0.90	<4	8	45	6	1.71	0.07	37	0.80	366	<1	0.05	11	740	<1	0.31	<5	<5	0.02	<10	21	<100	<2	6	<10	<2	70
169923	RRR086510	0.008	<1	1.48	6	29	23	<2	3	1.15	<4	6	22	4	1.67	0.10	48	0.97	479	<1	0.07	11	2252	<1	0.33	<5	<5	0.02	<10	26	<100	<2	8	<10	<2	77
169924D	RRR086510	0.007	<1	1.62	9	26	24	<2	6	1.24	<4	7	24	4	1.79	0.11	53	1.03	513	<1	0.07	11	1004	<1	0.16	<5	<5	0.03	<10	28	<100	3	8	<10	<2	84
169925	RRR086511	0.011	<1	1.66	13	22	16	<2	2	0.90	<4	8	51	18	1.95	0.08	55	1.11	384	<1	0.06	12	1762	<1	0.29	<5	<5	0.03	<10	18	<100	<2	9	<10	<2	100
169926	RRR086512	0.015	<1	1.48	8	18	17	<2	2	0.48	<4	9	24	9	1.94	0.11	46	0.90	583	<1	0.06	11	1579	<1	0.17	<5	<5	0.02	<10	17	<100	<2	8	<10	<2	98
169927	RRR086513	0.037	<1	1.00	13	34	15	<2	2	0.81	<4	8	60	11	1.77	0.11	30	0.81	671	<1	0.05	12	940	<1	0.20	<5	<5	0.02	<10	17	<100	<2	6	<10	<2	90
169928	RRR086514	0.031	<1	1.49	7	24	26	<2	5	1.35	<4	8	22	73	1.88	0.18	44	1.39	412	4	0.06	12	1801	<1	0.16	<5	<5	0.02	<10	23	<100	5	9	<10	2	146
169929	RRR086515	0.030	2	0.99	87	33	19	<2	3	1.64	<4	7	52	77	1.77	0.14	30	1.32	457	2	0.05	11	1249	<1	0.18	<5	<5	0.02	<10	26	<100	<2	5	<10	2	200
169930	RRR086516	0.042	3	0.80	74	21	29	<2	2	1.70	<4	8	20	90	1.83	0.20	18	1.08	522	4	0.07	9	2406	6	0.25	<5	<5	0.02	<10	41	<100	5	5	<10	2	267
169931	RRR086517	0.027	2	0.88	88	19	19	<2	4	1.54	<4	8	55	17	2.05	0.14	27	1.19	516	<1	0.05	8	1267	<1	0.17	<5	<5	0.02	<10	31	<100	5	4	<10	2	158
169932	RRR086518	0.043	2	0.85	92	23	26	<2	6	1.82	<4	7	20	21	2.30	0.18	22	1.19	582	<1	0.08	8	811	<1	0.41	<5	<5	0.02	<10	42	<100	<2	5	<10	2	97
169933	RRR086519	0.045	<1	0.77	267	20	15	<2	4	1.47	<4	9	31	16	2.80	0.10	25	1.03	525	<1	0.05	8	554	<1	0.69	<5	<5	0.02	<10	39	<100	2	4	<10	<2	127

PROCEDURE CODES: ALP1, ALFA1, ALAR1, AlSu1

Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested
The Certificate of Analysis should not be reproduced except in full,
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-0342-02/02/2011 10:29 AM

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Wednesday, February 2, 2011

Certificate of Analysis

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Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042411
Reference: NR10-519
Sample #: 253

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
169934	RRR086520	0.038	2	0.77	160	18	30	<2	5	1.59	<4	8	35	27	2.18	0.17	19	0.94	614	<1	0.08	11	2927	3	0.71	<5	<5	0.03	<10	71	<100	5	5	<10	2	94
169935D	RRR086520	0.037	<1	0.86	173	23	33	<2	<1	1.70	<4	7	37	27	2.27	0.19	20	1.01	651	<1	0.09	9	1350	<1	0.90	<5	<5	0.02	<10	77	<100	6	5	<10	2	97
169936	RRR086521	0.034	<1	1.06	24	29	37	<2	2	1.57	<4	9	21	34	1.95	0.20	26	0.99	688	<1	0.08	9	2522	7	1.09	<5	<5	0.02	<10	87	<100	<2	7	<10	2	445
169937	RRR086522	0.021	<1	0.84	79	36	31	<2	2	2.11	<4	8	55	24	2.05	0.15	22	1.05	891	<1	0.07	10	881	20	0.81	<5	<5	0.02	<10	94	<100	4	6	<10	2	551
169938	RRR086523	0.016	<1	0.81	13	27	35	<2	<1	1.61	<4	6	50	15	1.56	0.15	20	0.82	628	<1	0.07	8	2118	11	0.81	<5	<5	0.02	<10	55	<100	3	6	<10	2	169
169939	RRR086524	0.028	<1	0.78	272	29	31	<2	2	2.05	<4	8	52	22	2.03	0.14	20	0.95	656	<1	0.07	10	2092	9	0.55	<5	<5	0.02	<10	58	<100	5	6	<10	2	402
169940	RRR086525	0.020	<1	1.13	58	33	42	<2	<1	1.91	<4	8	58	21	2.04	0.18	29	0.97	550	<1	0.08	13	308	<1	0.58	<5	<5	0.02	<10	59	<100	6	8	<10	2	99
169941	RRR086526	0.020	<1	1.01	58	33	43	<2	3	2.22	<4	9	109	20	1.95	0.18	23	0.93	572	<1	0.09	14	2507	19	0.39	<5	<5	0.02	<10	64	<100	4	8	<10	2	402
169942	RRR086527	0.017	<1	0.85	14	33	35	<2	4	1.99	<4	8	66	11	1.77	0.14	21	0.80	448	<1	0.08	11	1056	<1	0.60	<5	<5	0.02	<10	55	<100	<2	7	<10	2	94
169943	RRR086528	0.025	2	0.83	30	35	46	<2	9	1.62	<4	8	89	19	1.79	0.15	19	0.70	394	<1	0.08	12	212	5	0.45	<5	<5	0.02	<10	57	<100	<2	6	<10	2	71
169944	RRR086529	0.022	<1	0.81	31	20	22	<2	2	2.03	<4	10	19	20	1.82	0.07	26	0.90	484	<1	0.04	11	546	<1	0.38	<5	<5	0.02	<10	57	<100	<2	6	<10	<2	116
169945	RRR086530	0.096	11	0.81	90	31	48	<2	23	1.64	<4	9	52	89	2.74	0.12	22	0.82	574	<1	0.06	11	1304	39	0.38	<5	<5	0.02	<10	59	<100	4	6	<10	2	230
169946D	RRR086530	0.083	11	0.85	98	25	50	<2	21	1.73	<4	10	55	93	2.95	0.12	23	0.87	605	<1	0.06	13	1054	42	0.53	<5	<5	0.02	<10	62	<100	2	6	<10	2	238
169947	RRR086531	0.041	2	0.51	35	37	132	<2	5	3.05	<4	8	38	33	2.43	0.17	6	1.45	1085	<1	0.08	11	1942	8	0.39	<5	<5	0.02	<10	149	<100	<2	5	<10	3	198
169948	RRR086532	0.107	2	0.51	49	38	191	<2	5	1.85	<4	7	100	44	2.30	0.19	5	0.83	609	<1	0.08	11	1183	3	1.02	<5	<5	0.02	<10	100	<100	2	4	<10	2	104
169949	RRR086533	0.145	3	0.41	93	37	72	<2	4	2.16	<4	8	19	27	2.32	0.09	9	1.04	669	<1	0.06	12	290	4	1.12	<5	<5	0.02	<10	130	<100	8	3	<10	2	112
169950	RRR086534	0.067	3	0.59	106	29	105	<2	4	1.65	<4	9	63	73	2.14	0.12	13	0.91	411	3	0.07	12	<100	5	1.01	<5	<5	0.02	<10	108	<100	2	4	<10	2	65
169951	RRR086535	0.035	3	1.14	33	26	189	<2	5	1.58	<4	10	93	78	2.35	0.23	21	0.99	389	5	0.14	13	1784	<1	1.06	<5	<5	0.02	<10	150	<100	2	7	<10	2	72
169952	RRR086536	0.041	3	1.06	18	30	111	<2	5	1.58	<4	8	115	200	2.01	0.16	25	1.06	422	5	0.10	11	1766	6	0.94	<5	<5	0.02	<10	112	<100	2	7	<10	2	100
169953	RRR086537	0.024	<1	0.87	31	33	38	<2	3	1.46	<4	7	15	31	1.64	0.06	25	0.97	431	<1	0.05	8	1247	7	0.88	<5	<5	0.02	<10	43	<100	4	5	<10	<2	143

PROCEDURE CODES: ALP1, ALFA1, ALAR1, AlSu1

Certified By: Jason Moore, General Manager

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169954	RRR086538	0.044	<1	1.21	12	26	74	<2	3	1.94	<4	8	87	23	1.94	0.16	27	1.32	699	<1	0.11	11	1768	<1	0.91	<5	<5	0.03	<10	54	<100	8	7	<10	2	90
169955	RRR086539	0.035	<1	1.89	21	42	130	<2	4	1.63	<4	10	87	61	2.18	0.30	37	1.37	592	3	0.18	13	854	<1	0.63	<5	<5	0.03	<10	68	<100	<2	12	<10	2	109
169956	RRR086540	1.773	<1	1.14	2	47	67	<2	5	0.51	<4	20	42	19	4.72	0.30	3	1.13	345	<1	0.46	53	2282	37	0.40	<5	<5	0.03	<10	108	2736	4	36	<10	3	71
169957D	RRR086540	Insufficient Sample																																	
169958	RRR086541	0.038	<1	1.46	13	33	78	<2	5	1.43	<4	9	122	77	2.28	0.18	33	1.26	593	4	0.11	15	225	<1	0.45	<5	<5	0.03	<10	44	<100	7	10	<10	2	120
169959	RRR086542	0.029	<1	1.66	16	24	86	<2	3	0.25	<4	8	174	64	1.59	0.28	31	0.43	124	2	0.13	13	2254	<1	0.65	<5	<5	0.02	<10	40	<100	<2	9	<10	<2	94
169960	RRR086543	0.035	2	1.57	15	35	69	<2	5	1.79	<4	9	121	83	2.27	0.18	38	1.19	757	3	0.09	11	<100	16	1.52	<5	<5	0.04	<10	45	<100	2	9	<10	2	115
169961	RRR086544	0.050	2	1.91	16	33	75	<2	3	1.51	<4	9	98	100	2.28	0.19	48	1.16	709	3	0.10	12	1312	5	0.71	<5	<5	0.04	<10	48	<100	5	11	<10	<2	177
169962	RRR086545	0.046	<1	1.84	15	32	47	<2	5	1.34	<4	9	91	75	2.29	0.12	48	1.17	838	2	0.07	11	1517	3	0.48	<5	<5	0.04	<10	40	<100	5	11	<10	<2	250
169963	RRR086546	0.018	<1	0.82	10	34	31	<2	<1	0.14	<4	8	177	19	0.95	0.10	23	0.21	141	<1	0.04	11	1872	<1	0.71	<5	<5	<0.01	<10	12	<100	<2	5	<10	<2	62
169964	RRR086547	0.022	<1	0.70	25	30	29	<2	2	0.11	<4	9	265	32	1.18	0.12	19	0.11	108	2	0.03	16	1884	<1	0.69	<5	<5	<0.01	<10	10	<100	2	5	<10	<2	49
169965	RRR086548	0.176	2	2.55	19	30	47	<2	3	0.86	<4	40	159	81	2.46	0.17	60	0.93	813	16	0.10	76	2344	145	0.52	<5	<5	0.05	<10	48	<100	<2	14	<10	<2	449
169966	RRR086549	0.060	3	1.75	17	25	38	<2	2	0.73	<4	10	102	31	2.11	0.17	38	0.96	664	<1	0.06	15	1407	<1	0.18	<5	<5	0.04	<10	29	<100	<2	8	<10	<2	345
169967	RRR086550	0.069	3	2.03	15	28	56	<2	8	0.42	<4	10	123	16	2.02	0.29	39	0.96	369	<1	0.07	15	2093	<1	0.34	<5	<5	0.04	<10	27	<100	8	9	<10	<2	154
169968D	RRR086550	0.085	3	2.13	16	31	58	<2	4	0.44	<4	10	129	17	2.14	0.30	41	1.02	390	<1	0.07	15	2844	<1	0.52	<5	<5	0.05	<10	29	<100	2	10	<10	<2	155
169969	RRR086551	0.186	2	2.00	17	18	49	<2	7	0.59	<4	10	139	12	2.04	0.27	39	1.11	526	<1	0.07	15	1019	<1	0.52	<5	<5	0.05	<10	29	<100	3	9	<10	<2	142
169970	RRR086552	0.179	<1	1.89	17	26	41	<2	5	0.55	<4	9	106	15	2.00	0.24	40	1.06	404	<1	0.06	14	1501	<1	0.48	<5	<5	0.04	<10	27	<100	<2	8	<10	<2	154
169971	RRR086553	0.139	2	1.57	26	37	28	<2	5	0.55	<4	10	101	17	2.08	0.16	36	1.03	379	<1	0.05	14	1746	<1	0.49	<5	<5	0.03	<10	23	<100	<2	7	<10	<2	130
169972	RRR086554	0.137	2	2.18	18	36	51	<2	7	1.31	<4	9	122	12	2.31	0.28	46	1.24	677	<1	0.08	14	640	<1	0.52	<5	<5	0.05	<10	47	<100	<2	10	<10	<2	151
169973	RRR086555	0.058	<1	1.27	27	30	35	<2	2	1.63	<4	7	108	27	1.85	0.20	25	0.91	704	<1	0.06	10	<100	4	0.62	<5	<5	0.03	<10	41	<100	2	6	<10	2	274

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169974	RRR086556	0.069	<1	1.79	19	32	43	<2	6	1.77	<4	7	106	33	1.87	0.24	37	1.06	667	<1	0.08	10	2084	2	0.76	<5	<5	0.05	<10	53	<100	<2	8	<10	2	173
169975	RRR086557	0.182	<1	1.39	29	30	30	<2	4	1.74	<4	7	116	53	1.81	0.18	30	1.07	770	<1	0.06	12	<100	2	0.90	<5	<5	0.04	<10	42	<100	6	6	<10	2	174
169976	RRR086558	0.194	<1	1.51	28	34	46	<2	2	2.29	<4	8	104	23	1.81	0.30	27	1.19	1034	<1	0.08	12	2646	<1	0.67	<5	<5	0.04	<10	52	<100	<2	7	<10	3	88
169977	RRR086559	0.156	<1	1.12	29	39	40	<2	2	1.58	<4	8	155	40	1.93	0.25	19	0.83	939	<1	0.07	13	<100	<1	0.54	<5	<5	0.03	<10	43	<100	<2	5	<10	<2	98
169978	RRR086560	0.264	<1	1.43	23	28	51	<2	4	1.57	<4	9	104	90	1.92	0.29	25	0.86	856	<1	0.08	13	1580	<1	0.58	<5	<5	0.03	<10	44	<100	<2	6	<10	2	91
169979R	RRR086560	0.210	<1	1.33	34	45	47	<2	6	1.72	<4	9	149	140	2.24	0.26	24	0.95	967	<1	0.07	17	1929	<1	0.60	<5	<5	0.04	<10	43	<100	2	6	<10	2	134
169980	RRR086561	0.343	<1	1.74	16	37	63	<2	4	1.65	<4	8	301	19	2.02	0.32	33	0.83	725	<1	0.10	13	1519	<1	0.76	<5	<5	0.05	<10	55	<100	6	7	<10	2	128
169981	RRR086562	0.110	<1	1.20	10	24	59	<2	3	1.82	<4	8	69	26	2.02	0.26	21	0.87	752	<1	0.07	10	510	6	0.77	<5	<5	0.03	<10	45	<100	<2	5	<10	2	197
169982	RRR086563	0.159	<1	0.98	5	38	52	<2	3	1.35	<4	8	219	8	2.19	0.20	18	0.78	538	<1	0.06	14	2377	6	0.88	<5	<5	0.03	<10	35	<100	2	5	<10	<2	167
169983	RRR086564	0.030	<1	1.29	5	24	57	<2	5	1.71	<4	10	76	12	2.50	0.23	25	0.94	693	<1	0.07	12	929	24	0.72	<5	<5	0.03	<10	44	<100	7	6	<10	2	90
169984	RRR086565	0.036	<1	0.84	9	42	32	<2	3	1.43	<4	8	207	29	1.79	0.15	17	0.80	654	<1	0.05	12	1455	12	0.95	<5	<5	0.03	<10	31	<100	<2	4	<10	<2	163
169985	RRR086566	0.033	<1	0.99	9	33	35	<2	3	1.73	<4	9	56	50	2.07	0.18	20	0.94	809	<1	0.05	9	<100	<1	1.07	<5	<5	0.03	<10	32	<100	5	5	<10	<2	234
169986	RRR086567	0.095	<1	0.68	6	34	25	<2	3	1.69	<4	8	99	26	1.87	0.11	16	0.94	744	2	0.03	10	2810	18	1.32	<5	<5	0.02	<10	26	<100	<2	4	<10	<2	150
169987	RRR086568	0.126	<1	1.02	8	45	36	<2	3	1.76	<4	8	63	90	2.09	0.18	22	1.00	825	2	0.05	11	604	9	0.78	<5	<5	0.03	<10	32	<100	4	6	<10	2	121
169988	RRR086569	0.081	3	0.68	9	33	26	<2	5	1.78	<4	9	141	83	2.40	0.13	15	0.99	996	4	0.04	16	1191	13	0.87	<5	<5	0.03	<10	25	<100	<2	4	<10	2	129
169989	RRR086570	0.152	3	0.69	10	25	50	<2	3	0.69	<4	8	73	68	2.00	0.24	9	0.36	532	3	0.05	12	930	9	0.74	<5	<5	0.02	<10	17	<100	<2	4	<10	<2	314
169990D	RRR086570	0.114	3	0.68	11	38	49	<2	5	0.68	<4	8	75	65	1.96	0.24	8	0.34	515	3	0.05	12	<100	8	0.85	<5	<5	0.02	<10	17	<100	<2	4	<10	<2	346
169991	RRR086571	0.429	<1	0.85	10	38	67	<2	3	1.45	<4	8	187	47	2.17	0.17	17	0.77	1220	<1	0.04	14	1466	<1	1.12	<5	<5	0.03	<10	24	<100	<2	4	<10	2	491
169992	RRR086572	0.205	<1	0.95	4	50	36	<2	3	0.98	<4	6	59	51	1.58	0.17	21	0.67	820	<1	0.04	9	<100	<1	1.06	<5	<5	0.02	<10	21	<100	3	4	<10	<2	445
169993	RRR086573	0.355	<1	0.92	4	34	56	<2	5	1.26	<4	7	190	64	1.75	0.17	19	0.75	1090	<1	0.04	11	387	<1	1.03	<5	<5	0.03	<10	23	<100	3	4	<10	<2	381

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169994	RRR086574	0.485	2	0.84	4	41	64	<2	4	1.34	7	8	71	325	1.88	0.22	14	0.65	1015	<1	0.05	9	494	3	0.79	<5	<5	0.02	<10	23	<100	<2	4	18	2	1558
169995	RRR086575	0.528	<1	0.85	4	35	32	<2	6	1.63	<4	8	179	165	2.14	0.14	19	0.79	1032	<1	0.04	12	379	6	0.50	<5	<5	0.03	<10	24	<100	4	4	11	2	903
169996	RRR086576	0.124	2	0.78	7	34	41	<2	4	2.04	<4	10	54	43	2.65	0.17	15	1.05	1381	<1	0.04	17	648	14	0.55	<5	<5	0.02	<10	28	<100	<2	5	<10	2	609
169997	RRR086577	0.198	<1	0.52	9	49	43	<2	4	2.01	<4	9	133	27	2.20	0.13	10	1.01	1547	<1	0.03	16	<100	7	0.86	<5	<5	0.02	<10	23	<100	4	4	<10	2	703
169998	RRR086578	0.175	<1	0.78	9	46	45	<2	3	1.24	<4	7	80	39	1.65	0.17	16	0.77	936	<1	0.04	10	2089	<1	0.92	<5	<5	0.02	<10	22	<100	3	4	<10	<2	210
169999	RRR086579	0.077	2	0.75	4	31	44	<2	4	1.98	<4	12	177	18	3.11	0.16	16	1.01	1302	<1	0.04	28	1686	33	1.38	<5	<5	0.03	<10	29	<100	6	6	<10	2	332
170000	RRR086580	6.175	<1	0.97	21	36	69	<2	7	0.47	<4	17	34	24	4.81	0.26	3	0.86	314	<1	0.38	45	1419	51	1.05	<5	<5	0.02	<10	99	2357	<2	31	<10	3	68
170001D	RRR086580	Insufficient Sample																																	
170002	RRR086581	0.242	21	0.38	205	34	34	<2	3	0.73	12	7	52	783	2.00	0.15	4	0.34	659	<1	0.03	9	<100	139	0.69	120	<5	<0.01	<10	14	<100	<2	2	32	<2	2823
170003	RRR086582	0.116	3	0.47	40	41	116	<2	6	1.53	5	8	265	134	2.10	0.15	7	0.66	1188	<1	0.04	15	779	19	1.66	14	<5	0.02	<10	27	<100	3	3	12	2	1027
170004	RRR086583	0.152	7	0.47	82	27	29	<2	3	1.60	6	8	64	267	1.76	0.11	9	0.84	987	<1	0.03	15	1492	14	1.74	33	<5	0.02	<10	26	<100	2	3	18	2	1555
170005	RRR086584	0.027	<1	0.63	12	46	22	<2	3	1.62	<4	11	70	41	2.36	0.09	14	0.95	709	<1	0.04	20	986	5	1.20	<5	<5	0.03	<10	29	<100	<2	4	<10	2	197
170006	RRR086585	0.088	<1	0.91	12	39	29	<2	6	1.82	<4	10	54	52	2.33	0.12	20	1.06	824	<1	0.05	17	727	<1	1.06	<5	<5	0.03	<10	34	<100	2	6	<10	2	586
170007	RRR086586	0.025	<1	0.41	8	43	16	<2	3	1.71	<4	11	34	35	2.70	0.07	10	0.82	845	3	0.03	16	2531	<1	1.02	<5	<5	0.02	<10	24	<100	<2	3	<10	2	330
170008	RRR086587	0.068	<1	0.40	14	38	23	<2	2	1.39	<4	7	46	33	1.97	0.10	7	0.62	678	<1	0.03	9	1621	<1	1.31	<5	<5	0.02	<10	23	<100	2	2	<10	2	456
170009	RRR086588	0.031	<1	0.28	2	32	15	<2	5	1.87	<4	7	27	14	1.86	0.06	5	0.87	651	<1	0.03	9	1875	2	1.29	<5	<5	0.02	<10	27	<100	<2	2	<10	2	113
170010	RRR086589	0.022	<1	0.47	19	42	25	<2	2	1.70	<4	8	44	77	2.02	0.11	8	0.84	594	2	0.04	11	2669	<1	1.46	<5	<5	0.02	<10	34	<100	2	3	<10	2	164
170011	RRR086590	0.033	2	0.37	37	35	15	<2	2	1.41	<4	8	35	120	2.10	0.06	8	0.81	481	11	0.03	11	1392	<1	1.05	12	<5	0.02	<10	24	<100	<2	2	<10	<2	58
170012D	RRR086590	0.034	2	0.34	34	41	14	<2	4	1.36	<4	9	41	114	2.07	0.05	7	0.77	465	13	0.03	12	1882	<1	1.04	5	<5	0.02	<10	22	<100	2	2	<10	<2	56
170013	RRR086591	0.027	<1	0.75	21	40	34	<2	2	2.38	<4	11	58	77	3.16	0.13	15	1.32	872	5	0.05	16	1686	<1	1.16	<5	<5	0.03	<10	46	<100	2	4	<10	2	385

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Certified By: Jason Moore, General Manager

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Job #: 201042411
Reference: NR10-519
Sample #: 253

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170014	RRR086592	0.028	<1	0.43	11	40	20	<2	<1	1.44	<4	9	67	100	1.91	0.08	9	0.67	426	12	0.03	11	579	<1	1.21	<5	<5	0.02	<10	25	<100	<2	2	<10	<2	98
170015	RRR086593	0.037	<1	0.61	<2	36	21	<2	<1	1.58	<4	8	42	135	1.63	0.08	13	0.85	442	6	0.03	11	981	<1	1.17	<5	<5	0.02	<10	33	<100	5	3	<10	2	65
170016	RRR086594	0.023	<1	0.34	3	36	12	<2	2	2.32	<4	9	27	200	2.00	0.05	7	0.91	578	11	0.02	11	1196	<1	1.81	<5	<5	0.02	<10	31	<100	<2	3	<10	2	49
170017	RRR086595	0.046	<1	0.66	3	37	29	<2	4	2.23	<4	9	55	153	2.27	0.12	13	1.22	922	5	0.04	13	860	<1	1.03	<5	<5	0.03	<10	41	<100	3	4	<10	2	387
170018	RRR086596	0.034	<1	0.52	4	40	21	<2	4	1.81	<4	8	49	161	2.03	0.08	11	1.02	848	5	0.03	10	855	<1	0.84	<5	<5	0.02	<10	34	<100	2	3	<10	2	99
170019	RRR086597	0.060	<1	0.87	<2	44	29	<2	<1	1.58	<4	8	50	81	2.03	0.10	19	0.93	641	3	0.05	10	2800	<1	1.09	<5	<5	0.03	<10	40	<100	<2	4	<10	<2	96
170020	RRR086598	0.133	<1	0.62	7	40	19	<2	4	1.28	<4	8	57	43	1.75	0.07	15	0.74	609	<1	0.03	7	1487	<1	1.14	<5	<5	0.02	<10	32	<100	5	3	<10	<2	131
170021	RRR086599	0.085	<1	0.59	6	41	25	<2	<1	1.50	<4	7	41	55	1.67	0.10	12	0.84	665	<1	0.04	8	427	<1	1.04	<5	<5	0.02	<10	36	<100	5	3	<10	<2	68
170022	RRR086600	0.119	4	1.10	96	38	47	<2	13	1.80	<4	9	192	328	2.37	0.19	20	1.01	820	9	0.06	16	639	<1	1.01	9	<5	0.04	<10	52	<100	<2	6	<10	2	434
170023D	RRR086600	0.088	3	0.91	81	35	40	<2	7	1.51	<4	8	160	281	1.94	0.16	17	0.85	695	8	0.05	13	1459	<1	0.77	5	<5	0.03	<10	44	<100	<2	5	<10	2	380
170024	RRR086601	0.030	2	0.74	32	39	31	<2	6	1.43	<4	10	61	115	2.30	0.13	15	0.88	638	7	0.05	13	1019	<1	0.86	<5	<5	0.03	<10	38	<100	<2	4	<10	<2	176
170025	RRR086602	0.049	2	0.36	31	51	19	<2	5	1.52	<4	9	29	97	2.19	0.07	7	0.86	717	14	0.03	10	2261	<1	1.22	<5	<5	0.02	<10	30	<100	<2	2	<10	<2	369
170026	RRR086603	0.032	<1	0.62	10	22	31	<2	5	1.12	<4	8	59	46	2.22	0.12	13	0.67	515	<1	0.04	10	1628	<1	1.00	<5	<5	0.02	<10	32	<100	<2	3	<10	<2	388
170027	RRR086604	0.031	<1	0.34	9	33	18	<2	5	1.40	5	11	32	46	2.88	0.07	7	0.78	499	5	0.03	13	1093	<1	1.28	<5	<5	0.02	<10	31	<100	<2	2	12	<2	904
170028	RRR086605	0.088	<1	0.39	6	31	24	<2	3	2.03	<4	11	52	44	2.23	0.13	6	1.01	589	<1	0.04	11	674	<1	1.23	<5	<5	0.02	<10	49	<100	3	4	<10	2	108
170029	RRR086606	0.043	<1	0.20	4	32	14	<2	6	2.22	<4	9	32	22	2.32	0.06	3	0.95	614	<1	0.03	12	417	<1	1.24	<5	<5	0.02	<10	37	<100	3	3	<10	<2	101
170030	RRR086607	0.034	<1	0.40	4	32	21	<2	4	2.30	<4	9	52	34	2.01	0.08	7	0.83	461	<1	0.06	11	<100	<1	1.64	<5	<5	0.02	<10	53	<100	<2	4	<10	2	88
170031	RRR086608	0.033	<1	0.36	3	31	15	<2	3	2.33	<4	9	44	29	1.98	0.06	7	1.00	543	2	0.04	13	791	4	1.14	<5	<5	0.02	<10	43	<100	5	4	<10	2	217
170032	RRR086609	0.032	<1	0.67	<2	26	26	<2	6	1.61	<4	8	65	62	2.28	0.11	13	0.88	393	3	0.07	10	1250	<1	1.04	<5	<5	0.04	<10	49	<100	3	5	<10	2	517
170033	RRR086610	0.021	<1	0.48	6	38	15	<2	<1	1.69	<4	8	42	40	2.00	0.06	11	1.06	379	2	0.04	9	828	<1	1.03	<5	<5	0.02	<10	37	<100	4	4	<10	2	138

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Date Received: 06/24/2010
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Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170034D	RRR086610	0.019	<1	0.42	7	43	14	<2	5	1.66	<4	9	39	48	2.18	0.05	10	1.00	371	2	0.04	10	1087	<1	0.98	<5	<5	0.02	<10	35	<100	4	4	<10	2	100
170035	RRR086611	0.020	<1	0.46	7	42	18	<2	2	1.99	<4	7	69	30	1.91	0.07	9	1.10	340	<1	0.05	9	1708	<1	1.21	<5	<5	0.02	<10	49	<100	2	3	<10	2	70
170036	RRR086612	0.023	<1	0.75	6	39	29	<2	2	2.14	<4	8	65	24	2.12	0.13	15	1.25	361	<1	0.07	9	1279	<1	1.07	<5	<5	0.03	<10	66	<100	3	4	<10	2	76
170037	RRR086613	0.021	<1	0.64	3	39	18	<2	<1	1.36	<4	8	39	12	1.95	0.06	16	0.94	299	<1	0.04	7	1641	<1	1.17	<5	<5	0.03	<10	37	<100	<2	3	<10	<2	61
170038	RRR086614	0.020	<1	1.37	8	36	39	<2	9	1.63	<4	9	79	32	2.73	0.16	33	1.35	426	<1	0.07	14	1194	<1	1.00	<5	<5	0.04	<10	55	<100	3	6	<10	2	140
170039	RRR086615	0.019	<1	1.12	<2	44	33	<2	6	0.77	<4	9	123	16	2.35	0.16	27	1.09	291	<1	0.06	12	834	<1	1.13	<5	<5	0.03	<10	27	<100	5	5	<10	<2	131
170040	RRR086616	0.020	<1	1.40	7	34	32	<2	2	0.42	4	9	64	25	2.17	0.15	37	1.42	350	2	0.03	11	1552	<1	1.07	<5	<5	0.03	<10	17	<100	<2	5	<10	<2	624
170041	RRR086617	0.038	<1	0.54	13	34	15	<2	3	1.41	<4	8	36	49	2.24	0.07	15	0.90	725	<1	0.02	10	412	<1	1.45	<5	<5	0.03	<10	14	<100	<2	3	<10	<2	236
170042	RRR086618	0.038	2	0.68	20	39	20	<2	8	1.26	<4	8	35	77	1.96	0.08	19	1.00	654	<1	0.03	10	1323	<1	1.20	8	<5	0.03	<10	16	<100	4	3	<10	<2	291
170043	RRR086619	0.049	<1	0.66	15	45	43	<2	6	2.02	<4	6	78	57	2.20	0.17	12	1.02	917	<1	0.05	9	1374	<1	1.07	<5	<5	0.02	<10	28	<100	<2	4	<10	2	119
170044	RRR086620	<0.005	<1	0.72	3	55	105	<2	<1	1.52	<4	12	161	33	2.38	0.34	18	0.72	318	<1	0.16	29	1829	<1	1.25	<5	<5	0.04	<10	232	2670	<2	66	<10	13	42
170045R	RRR086620	Insufficient Sample																																		
170046	RRR086621	0.273	<1	0.89	6	33	54	<2	5	1.68	<4	9	46	256	2.42	0.19	17	1.00	903	<1	0.06	10	1367	<1	1.10	<5	<5	0.02	<10	35	<100	<2	4	11	2	786
170047	RRR086622	0.118	<1	0.81	8	55	55	<2	10	1.63	<4	7	146	101	2.41	0.21	14	0.81	834	<1	0.06	12	1771	<1	1.18	<5	<5	0.03	<10	32	<100	<2	4	<10	2	370
170048	RRR086623	0.170	2	0.70	14	43	73	<2	6	1.77	<4	7	59	233	2.37	0.23	10	0.88	1104	<1	0.05	8	828	3	0.02	<5	<5	0.02	<10	22	<100	2	4	<10	2	633
170049	RRR086624	0.212	3	0.58	12	37	76	<2	10	1.39	11	8	202	324	2.76	0.22	6	0.71	852	<1	0.05	11	2898	<1	1.17	<5	<5	0.02	<10	17	<100	2	4	32	2	2755
170050	RRR086625	0.199	3	0.46	14	30	64	<2	9	1.48	12	7	57	234	2.43	0.20	4	0.74	796	<1	0.04	7	861	<1	1.15	<5	<5	0.02	<10	17	<100	<2	3	34	2	2936
170051	RRR086626	0.203	2	0.41	4	44	57	<2	4	1.53	8	8	174	250	2.41	0.19	3	0.70	860	2	0.04	10	851	<1	1.06	<5	<5	0.02	<10	16	<100	3	3	25	<2	2095
170052	RRR086627	0.334	2	0.47	7	45	61	<2	7	2.52	8	6	62	170	1.99	0.21	4	0.69	989	<1	0.05	8	2743	<1	1.35	<5	<5	0.02	<10	21	<100	<2	3	24	2	1963
170053	RRR086628	0.106	<1	0.52	7	38	58	<2	<1	2.28	14	7	185	157	1.96	0.20	5	0.56	739	<1	0.05	10	601	<1	1.32	<5	<5	0.02	<10	22	<100	8	4	48	2	3903

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170054	RRR086629	0.107	<1	0.52	5	34	58	<2	5	2.39	6	6	58	92	2.01	0.19	6	0.67	717	<1	0.06	8	1361	<1	1.15	<5	<5	0.02	<10	24	<100	5	4	20	2	1605
170055	RRR086630	0.074	<1	0.55	3	36	57	<2	7	2.59	<4	7	202	38	1.86	0.18	7	0.55	596	<1	0.06	11	1416	<1	0.95	<5	<5	0.02	<10	27	<100	2	4	<10	2	235
170056D	RRR086630	0.077	<1	0.59	5	33	62	<2	4	2.79	<4	7	215	41	1.96	0.19	7	0.59	638	<1	0.07	11	794	<1	0.95	<5	<5	0.02	<10	29	<100	2	5	<10	2	240
170057	RRR086631	0.105	<1	0.80	6	28	72	<2	6	3.04	<4	8	61	41	1.85	0.22	12	0.61	684	<1	0.08	8	181	<1	0.94	<5	<5	0.02	<10	34	<100	3	5	<10	2	300
170058	RRR086632	0.187	2	0.77	4	44	72	<2	7	2.90	10	7	214	118	1.95	0.22	12	0.55	569	<1	0.07	11	1279	<1	0.78	<5	<5	0.03	<10	30	<100	5	5	30	2	2499
170059	RRR086633	0.232	<1	0.72	8	46	76	<2	12	2.78	<4	7	66	60	2.32	0.22	10	0.64	608	<1	0.08	8	134	<1	0.80	<5	<5	0.02	<10	34	<100	3	5	<10	2	662
170060	RRR086634	0.209	<1	0.78	6	37	75	<2	5	2.39	<4	7	244	46	2.01	0.21	13	0.67	633	<1	0.08	13	496	<1	0.78	<5	<5	0.03	<10	33	<100	5	6	<10	2	310
170061	RRR086635	0.183	<1	0.77	4	33	70	<2	6	2.71	<4	7	56	87	1.92	0.18	15	0.72	741	<1	0.07	7	442	<1	0.87	<5	<5	0.02	<10	35	<100	4	5	<10	2	616
170062	RRR086636	0.152	<1	0.92	3	45	79	<2	8	2.77	<4	8	250	116	2.26	0.21	17	0.75	671	<1	0.09	13	572	<1	1.13	<5	<5	0.03	<10	40	<100	5	6	<10	2	503
170063	RRR086637	0.073	<1	0.89	2	43	68	<2	8	2.59	<4	7	68	114	1.80	0.21	17	0.92	689	<1	0.09	9	1534	<1	0.84	<5	<5	0.03	<10	42	<100	<2	6	<10	2	524
170064	RRR086638	0.037	<1	0.84	2	37	60	<2	10	1.94	<4	10	311	59	2.53	0.21	16	0.86	505	<1	0.09	15	573	<1	0.85	<5	<5	0.03	<10	34	<100	2	5	<10	2	110
170065	RRR086639	0.020	<1	0.79	<2	41	43	<2	6	2.04	<4	9	59	24	2.21	0.20	15	0.89	546	2	0.08	11	1022	<1	0.96	<5	<5	0.02	<10	30	<100	4	6	<10	2	132
170066	RRR086640	0.032	<1	0.81	3	40	36	<2	6	2.35	<4	14	237	106	3.07	0.21	15	1.06	645	4	0.08	18	1030	<1	0.80	<5	<5	0.03	<10	31	<100	2	8	<10	3	135
170067D	RRR086640	0.039	<1	0.82	2	35	36	<2	7	2.43	<4	13	241	112	3.13	0.21	15	1.10	665	3	0.08	18	2526	<1	1.17	<5	<5	0.03	<10	32	<100	3	9	<10	3	140
170068	RRR086641	0.048	<1	0.65	81	28	25	<2	3	2.51	<4	19	57	234	2.67	0.15	13	1.15	608	3	0.07	103	480	<1	1.05	<5	<5	0.02	<10	31	<100	3	7	<10	3	180
170069	RRR086642	0.090	<1	0.65	3	31	29	<2	2	2.05	<4	12	207	111	2.74	0.16	12	0.99	470	3	0.07	15	1516	<1	1.42	<5	<5	0.03	<10	30	<100	<2	7	<10	2	185
170070	RRR086643	0.154	<1	0.76	3	39	36	<2	10	2.19	<4	10	59	117	2.47	0.20	13	1.09	559	2	0.08	12	1813	<1	1.44	<5	<5	0.02	<10	32	<100	4	7	<10	3	191
170071	RRR086644	0.090	<1	0.63	2	49	37	<2	<1	2.04	<4	11	181	80	2.54	0.18	10	1.01	483	2	0.07	15	966	<1	1.27	<5	<5	0.02	<10	30	<100	4	6	<10	3	182
170072	RRR086645	0.033	<1	0.70	<2	42	44	<2	<1	2.13	<4	11	61	25	2.61	0.22	8	1.08	370	2	0.09	13	1196	<1	1.31	<5	<5	0.02	<10	39	<100	6	7	<10	3	95
170073	RRR086646	0.083	<1	0.99	3	37	29	<2	4	2.67	<4	10	170	88	2.36	0.15	25	1.07	451	3	0.07	13	<100	<1	1.17	<5	<5	0.02	<10	46	<100	6	8	<10	3	86

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Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042411
Reference: NR10-519
Sample #: 253

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170074	RRR086647	0.059	<1	1.14	<2	44	40	<2	9	2.55	<4	13	65	86	3.16	0.21	28	1.13	527	3	0.09	15	1602	<1	1.16	<5	<5	0.03	<10	53	<100	6	9	<10	3	189
170075	RRR086648	0.037	<1	0.75	3	44	31	<2	4	1.62	<4	13	206	41	2.52	0.16	15	0.88	263	2	0.09	15	2581	<1	1.33	<5	<5	0.02	<10	39	<100	2	6	<10	2	199
170076	RRR086649	0.037	<1	0.70	4	38	24	<2	4	2.12	<4	11	57	58	2.26	0.12	14	1.07	220	2	0.09	13	228	<1	0.82	<5	<5	0.02	<10	46	<100	<2	7	<10	2	55
170077	RRR086650	0.050	<1	0.77	4	37	27	<2	3	2.21	<4	11	245	132	2.54	0.13	17	1.02	270	2	0.09	15	878	<1	1.37	<5	<5	0.02	<10	46	<100	3	6	<10	2	56
170078D	RRR086650	0.046	<1	0.77	<2	43	27	<2	4	2.25	<4	11	244	134	2.55	0.13	17	1.02	275	2	0.09	15	726	<1	1.17	<5	<5	0.02	<10	47	<100	3	6	<10	2	56
170079	RRR086651	0.028	<1	1.61	3	33	29	<2	4	1.14	<4	9	55	30	2.03	0.15	49	1.04	204	<1	0.07	13	2550	<1	1.08	<5	<5	0.03	<10	36	<100	<2	8	<10	<2	151
170080	RRR086652	0.025	<1	0.57	5	36	33	<2	5	1.79	<4	11	165	37	2.26	0.15	11	0.99	311	<1	0.05	14	<100	<1	1.14	<5	<5	0.02	<10	30	<100	10	4	<10	2	61
170081	RRR086653	0.074	<1	0.82	8	47	31	<2	9	1.58	<4	12	65	119	2.68	0.14	21	1.04	255	2	0.06	14	2140	<1	1.15	<5	<5	0.02	<10	32	<100	<2	5	<10	2	84
170082	RRR086654	0.023	<1	0.53	7	34	22	<2	6	1.82	<4	11	44	12	2.18	0.09	15	1.12	306	2	0.04	13	409	<1	0.49	<5	<5	0.02	<10	29	<100	3	4	<10	2	76
170083	RRR086655	0.054	<1	0.70	4	43	58	<2	10	1.47	<4	10	66	26	3.11	0.16	17	1.03	355	<1	0.05	13	687	<1	1.05	<5	<5	0.02	<10	30	<100	4	5	<10	2	124
170084	RRR086656	0.079	<1	0.39	4	45	42	<2	3	1.28	<4	11	30	40	3.03	0.08	10	0.81	318	<1	0.03	12	1788	<1	1.33	<5	<5	0.02	<10	22	<100	5	4	<10	2	92
170085	RRR086657	0.041	<1	0.81	10	46	38	<2	7	1.90	<4	12	73	68	2.67	0.17	21	1.41	433	<1	0.05	18	423	<1	1.02	<5	<5	0.03	<10	38	<100	<2	5	<10	2	249
170086	RRR086658	0.040	<1	0.60	5	51	17	<2	5	1.32	<4	9	47	37	2.38	0.09	19	1.13	256	<1	0.03	11	1622	<1	1.56	<5	<5	0.02	<10	29	<100	3	3	<10	2	246
170087	RRR086659	0.028	<1	1.11	2	39	44	<2	7	1.54	<4	12	82	21	2.66	0.17	34	1.61	295	<1	0.05	17	992	<1	1.60	<5	<5	0.03	<10	40	<100	2	6	<10	2	134
170088	RRR086660	1.670	<1	1.51	4	53	87	2	9	0.73	<4	26	55	24	6.03	0.38	3	1.45	442	2	0.59	68	2099	43	1.34	<5	<5	0.04	<10	147	3682	2	47	<10	4	97
170089D	RRR086660	Insufficient Sample																																		
170090	RRR086661	0.033	<1	0.47	3	39	13	<2	7	1.24	<4	13	35	14	3.91	0.07	16	1.02	294	<1	0.02	18	1034	<1	1.22	<5	<5	0.02	<10	23	<100	<2	3	<10	2	85
170091	RRR086662	0.032	<1	0.79	5	33	24	<2	7	1.57	<4	13	67	25	3.22	0.13	25	1.40	363	<1	0.04	22	2388	<1	1.33	<5	<5	0.03	<10	29	<100	<2	5	<10	2	186
170092	RRR086663	0.017	<1	0.42	<2	34	15	<2	4	1.59	<4	10	30	10	2.73	0.07	14	1.13	319	<1	0.02	15	1982	<1	1.97	<5	<5	0.02	<10	24	<100	<2	3	<10	2	80
170093	RRR086664	0.010	<1	0.74	2	34	51	<2	4	1.51	<4	10	73	12	2.86	0.18	19	1.20	284	<1	0.04	15	482	<1	2.22	<5	<5	0.02	<10	32	<100	<2	5	<10	2	99

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Wednesday, February 2, 2011

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Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042411
Reference: NR10-519
Sample #: 253

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170094	RRR086665	0.021	<1	0.55	<2	39	26	<2	7	1.56	<4	10	37	42	2.84	0.10	18	1.20	278	<1	0.03	9	1631	<1	1.76	<5	<5	0.02	<10	31	<100	2	3	<10	2	92
170095	RRR086666	0.017	<1	0.81	<2	43	51	<2	8	1.85	<4	8	47	18	2.52	0.16	25	1.52	337	<1	0.03	8	1324	<1	1.47	<5	<5	0.02	<10	53	<100	2	4	<10	2	111
170096	RRR086667	0.016	<1	0.54	2	55	47	<2	3	1.71	<4	10	28	10	2.78	0.09	17	1.20	397	<1	0.03	14	1735	<1	1.44	<5	<5	0.02	<10	60	<100	2	3	<10	2	111
170097	RRR086668	0.036	<1	0.22	<2	54	79	<2	3	0.87	<4	2	209	9	0.79	0.09	3	0.18	233	<1	0.04	5	2308	<1	1.43	<5	<5	0.02	<10	51	<100	<2	<2	<10	2	29
170098	RRR086669	0.027	<1	0.41	3	43	25	<2	5	2.12	<4	12	27	14	3.18	0.08	14	1.35	400	<1	0.02	19	1038	<1	1.13	<5	<5	0.02	<10	49	<100	3	3	<10	2	97
170099	RRR086670	0.102	<1	0.35	4	52	22	<2	8	1.96	<4	13	34	17	4.37	0.08	10	1.22	482	3	0.02	24	463	<1	1.26	<5	<5	0.02	<10	39	<100	3	3	<10	2	110
170100D	RRR086670	0.112	<1	0.34	<2	50	21	<2	4	1.87	<4	12	26	9	2.52	0.08	10	1.17	264	<1	0.02	16	1676	<1	0.23	<5	<5	0.02	<10	37	<100	3	3	<10	2	83
170101	RRR086671	0.026	<1	0.65	<2	32	55	<2	6	1.60	<4	11	74	10	2.85	0.22	12	1.08	260	<1	0.05	11	900	<1	1.60	<5	<5	0.02	<10	42	<100	<2	4	<10	2	74
170102	RRR086672	0.106	3	1.00	16	59	23	<2	18	1.24	4	24	53	307	8.06	0.09	39	1.38	354	<1	0.03	27	877	<1	1.45	<5	<5	0.02	<10	43	<100	2	19	<10	2	233
170103	RRR086673	0.038	<1	0.90	10	43	28	<2	10	1.80	<4	18	80	22	4.72	0.15	28	1.40	349	<1	0.06	20	2550	<1	1.35	<5	<5	0.02	<10	80	<100	<2	14	<10	2	127
170104	RRR086674	0.027	<1	0.75	7	43	16	<2	6	1.84	<4	16	49	8	3.98	0.09	25	1.42	372	<1	0.04	24	<100	<1	1.54	<5	<5	0.02	<10	60	<100	3	6	<10	2	102
170105	RRR086675	0.067	<1	1.20	3	42	29	<2	5	2.30	<4	14	86	6	3.33	0.16	36	1.87	386	<1	0.07	24	2520	<1	4.42	<5	<5	0.02	<10	91	<100	2	9	<10	3	95
170106	RRR086676	0.029	<1	1.17	3	36	15	<2	6	1.54	<4	12	93	6	3.19	0.08	41	1.70	300	<1	0.05	22	642	<1	2.45	<5	<5	0.02	<10	53	<100	<2	9	<10	2	90
170107	RRR086677	0.019	<1	1.56	<2	32	19	<2	6	1.09	<4	12	75	4	3.31	0.10	55	1.86	241	<1	0.06	19	2098	<1	2.01	<5	<5	0.03	<10	42	<100	3	11	<10	2	102
170108	RRR086678	0.019	<1	1.02	3	36	14	<2	5	1.40	<4	12	75	5	2.92	0.07	36	1.44	284	<1	0.04	18	113	<1	1.34	<5	<5	0.02	<10	40	<100	4	7	<10	2	89
170109	RRR086679	0.018	<1	1.29	3	46	34	<2	6	2.58	<4	14	84	9	3.56	0.14	42	2.03	512	<1	0.07	26	1206	<1	1.32	<5	<5	0.03	<10	102	<100	3	9	<10	3	141
170110	RRR086680	0.018	<1	0.47	3	41	27	<2	4	2.25	<4	15	48	9	3.56	0.11	12	1.30	474	<1	0.04	26	3941	<1	1.36	<5	<5	0.02	<10	58	<100	3	4	<10	3	166
170111R	RRR086680	0.031	<1	0.70	<2	48	47	<2	8	2.14	<4	13	69	9	3.21	0.19	15	1.28	444	<1	0.06	24	2760	<1	1.31	<5	<5	0.02	<10	67	<100	2	6	<10	3	166
170112	RRR086681	0.028	<1	0.75	5	48	30	<2	8	1.32	<4	19	29	10	4.30	0.11	23	1.08	418	<1	0.03	19	1648	<1	1.34	<5	<5	0.02	<10	36	<100	3	4	<10	2	240
170113	RRR086682	0.013	<1	1.08	<2	25	69	<2	5	1.52	<4	10	61	6	2.31	0.23	28	1.28	440	<1	0.05	12	1217	<1	1.78	<5	<5	0.02	<10	34	<100	7	6	<10	2	114

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170114	RRR086683	0.011	<1	1.01	3	48	30	<2	5	1.60	<4	10	36	7	2.76	0.11	35	1.53	409	<1	0.03	12	806	<1	1.54	<5	<5	0.02	<10	30	<100	4	5	<10	2	101
170115	RRR086684	0.011	<1	1.38	<2	38	48	<2	4	1.70	<4	10	58	13	2.49	0.18	44	1.70	436	<1	0.05	12	1823	<1	2.11	<5	<5	0.02	<10	33	<100	<2	6	<10	2	119
170116	RRR086685	0.010	<1	0.86	<2	40	32	<2	4	1.86	<4	12	48	8	2.82	0.12	27	1.42	466	<1	0.04	13	1310	<1	0.77	<5	<5	0.02	<10	32	<100	5	5	<10	2	95
170117	RRR086686	0.006	<1	0.99	2	56	51	<2	5	2.35	<4	10	62	6	2.54	0.20	26	1.56	526	<1	0.06	13	266	<1	1.03	<5	<5	0.03	<10	43	<100	3	6	<10	2	114
170118	RRR086687	0.014	<1	0.64	<2	34	38	<2	4	2.58	<4	10	71	9	2.43	0.15	15	1.44	537	<1	0.05	14	630	<1	0.64	<5	<5	0.03	<10	43	<100	4	4	<10	2	87
170119	RRR086688	0.028	<1	0.54	3	40	43	<2	5	1.67	<4	8	68	90	2.04	0.17	10	0.90	448	<1	0.05	8	1132	<1	1.03	<5	<5	0.02	<10	31	<100	<2	3	<10	<2	59
170120	RRR086689	0.043	<1	0.65	5	52	31	<2	4	1.31	<4	8	76	122	2.06	0.12	19	0.72	350	2	0.04	8	173	<1	0.77	<5	<5	0.02	<10	26	<100	4	3	<10	<2	128
170121	RRR086690	0.116	<1	1.40	6	41	106	<2	4	1.74	<4	11	168	311	2.93	0.36	30	1.06	572	<1	0.09	13	1454	<1	0.81	<5	<5	0.03	<10	37	<100	<2	7	<10	2	161
170122D	RRR086690	0.128	<1	1.11	5	25	85	<2	5	1.41	<4	9	132	253	2.31	0.28	23	0.86	463	<1	0.07	9	1511	<1	0.82	<5	<5	0.02	<10	29	<100	<2	5	<10	<2	128
170123	RRR086691	0.087	2	0.89	5	41	52	<2	3	2.45	<4	9	182	274	2.27	0.18	23	0.97	629	2	0.05	10	946	<1	0.79	<5	<5	0.02	<10	30	<100	<2	4	<10	2	146
170124	RRR086692	0.124	<1	0.82	5	33	68	<2	7	2.13	<4	11	165	115	3.32	0.32	8	0.94	644	<1	0.08	16	1023	<1	0.99	<5	<5	0.02	<10	34	<100	4	5	<10	2	85
170125	RRR086693	0.040	<1	0.58	4	39	37	<2	4	1.99	<4	9	160	23	2.76	0.17	10	0.84	607	<1	0.04	14	1322	<1	0.80	<5	<5	0.02	<10	24	<100	6	4	<10	2	155
170126	RRR086694	0.023	<1	1.16	5	47	70	<2	5	2.57	<4	10	175	88	2.97	0.32	18	1.07	727	<1	0.08	13	<100	<1	0.69	<5	<5	0.03	<10	38	<100	6	7	<10	2	271
170127	RRR086695	0.026	<1	0.76	5	52	35	<2	6	2.77	<4	10	179	49	3.40	0.16	17	1.13	766	11	0.05	15	1347	<1	1.50	<5	<5	0.02	<10	34	<100	5	5	<10	2	103
170128	RRR086696	0.049	<1	1.08	4	52	56	<2	3	2.56	<4	10	157	50	3.01	0.24	20	0.99	634	<1	0.07	12	2372	<1	1.09	<5	<5	0.02	<10	37	<100	<2	6	<10	2	92
170129	RRR086697	0.030	<1	1.13	4	32	71	<2	4	2.44	<4	11	369	23	3.40	0.29	19	1.00	606	<1	0.09	19	486	<1	0.97	<5	<5	0.03	<10	43	<100	5	7	<10	2	83
170130	RRR086698	0.058	<1	1.06	3	35	67	<2	7	2.52	<4	12	194	67	3.32	0.25	20	0.96	588	<1	0.08	14	1037	<1	1.05	<5	<5	0.02	<10	46	<100	<2	7	<10	2	97
170131	RRR086699	0.025	<1	1.33	4	41	46	<2	4	2.83	<4	9	164	22	2.57	0.14	34	0.95	492	<1	0.05	14	<100	<1	1.00	<5	<5	0.02	<10	49	<100	<2	8	<10	2	79
170132	RRR086700	5.721	<1	1.18	24	39	98	<2	8	0.64	<4	19	41	26	5.19	0.29	3	0.98	351	<1	0.43	50	1558	53	1.23	<5	<5	0.03	<10	122	2761	<2	36	<10	4	78
170133D	RRR086700	Insufficient Sample																																		

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Wednesday, February 2, 2011

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Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042411
Reference: NR10-519
Sample #: 253

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170134	RRR086701	0.027	<1	1.77	4	31	71	<2	9	3.17	<4	10	140	17	2.96	0.22	39	1.00	644	<1	0.07	14	1647	<1	1.28	<5	<5	0.03	<10	63	<100	12	10	<10	2	157
170135	RRR086702	0.055	<1	1.80	3	40	50	<2	4	2.59	<4	11	317	56	3.24	0.22	42	1.04	731	<1	0.09	18	637	<1	0.54	<5	<5	0.03	<10	53	<100	<2	10	<10	2	205
170136	RRR086703	0.017	<1	1.84	10	59	43	<2	7	2.60	<4	11	145	20	3.22	0.23	41	1.00	810	<1	0.09	18	679	<1	1.84	<5	<5	0.03	<10	47	<100	7	10	<10	3	101
170137	RRR086704	0.032	<1	1.99	7	50	22	<2	6	3.00	<4	12	148	7	3.42	0.11	51	1.37	990	<1	0.06	17	870	<1	0.60	<5	<5	0.03	<10	48	<100	3	12	<10	2	129
170138	RRR086705	0.036	<1	2.33	6	42	45	<2	5	2.30	<4	11	140	26	3.38	0.21	50	1.21	818	<1	0.12	17	3217	<1	0.93	<5	<5	0.03	<10	53	<100	<2	13	<10	2	126
170139	RRR086706	0.038	<1	1.76	8	50	32	<2	6	2.41	<4	11	185	29	2.85	0.14	38	1.05	759	<1	0.07	16	1318	<1	0.89	<5	<5	0.03	<10	42	<100	<2	10	<10	2	150
170140	RRR086707	0.016	<1	1.66	6	32	37	<2	3	2.22	<4	8	115	46	2.47	0.18	32	0.92	671	<1	0.08	13	1585	<1	0.62	<5	<5	0.03	<10	40	<100	2	9	<10	2	90
170141	RRR086708	0.035	<1	1.74	4	36	20	<2	5	2.53	<4	9	151	59	3.07	0.11	36	1.09	963	<1	0.05	16	2608	<1	0.63	<5	<5	0.03	<10	36	<100	<2	10	<10	2	187
170142	RRR086709	0.029	<1	1.90	11	34	38	<2	7	2.42	<4	13	147	37	3.58	0.22	35	1.05	948	<1	0.08	15	2131	<1	0.49	<5	<5	0.03	<10	42	<100	3	11	<10	2	166
170143	RRR086710	0.090	<1	1.68	14	30	26	<2	14	2.64	<4	15	198	131	4.18	0.16	33	1.03	875	<1	0.07	20	2509	<1	0.43	<5	<5	0.03	<10	38	<100	6	12	<10	2	104
170144D	RRR086710	0.069	<1	1.49	13	32	23	<2	10	2.38	<4	13	172	117	3.82	0.14	29	0.92	794	<1	0.06	18	1099	<1	0.52	<5	<5	0.03	<10	33	<100	2	10	<10	2	93
170145	RRR086711	0.014	<1	1.69	7	29	18	<2	2	3.03	<4	10	107	24	2.96	0.11	33	0.94	975	<1	0.08	12	1217	<1	0.94	<5	<5	0.03	<10	45	<100	3	12	<10	3	100
170146	RRR086712	0.033	<1	1.91	8	28	31	<2	9	2.68	<4	14	291	31	3.62	0.16	35	1.07	953	2	0.09	28	<100	<1	1.32	<5	<5	0.03	<10	44	<100	2	28	<10	3	104
170147	RRR086713	0.032	<1	1.90	9	29	44	<2	8	2.72	<4	10	150	55	2.95	0.24	34	1.01	910	<1	0.10	16	1938	<1	1.22	<5	<5	0.03	<10	52	<100	4	12	<10	3	100
170148	RRR086714	0.071	<1	1.17	12	33	21	<2	6	1.94	<4	9	147	13	2.84	0.13	24	1.01	643	<1	0.05	13	1454	<1	0.56	<5	<5	0.02	<10	31	<100	<2	7	<10	2	89
170149	RRR086715	0.023	<1	1.35	6	33	32	<2	5	2.09	<4	10	153	14	2.17	0.20	25	0.70	554	<1	0.09	10	<100	<1	0.82	<5	<5	0.02	<10	44	<100	<2	7	<10	2	63
170150	RRR086716	0.045	<1	1.61	7	35	47	<2	7	3.06	<4	11	317	9	3.40	0.20	30	1.10	695	<1	0.10	21	193	<1	0.70	<5	<5	0.03	<10	58	<100	2	13	<10	3	76
170151	RRR086717	0.037	<1	1.67	6	35	52	<2	6	2.63	<4	8	120	6	2.19	0.19	31	0.83	529	<1	0.10	11	874	<1	0.82	<5	<5	0.03	<10	61	<100	<2	11	<10	3	67
170152	RRR086718	0.027	<1	1.58	4	30	47	<2	6	3.03	<4	8	260	13	2.35	0.15	29	0.79	498	<1	0.09	16	657	<1	0.58	<5	<5	0.02	<10	69	<100	2	10	<10	3	66
170153	RRR086719	0.051	<1	1.60	5	41	47	<2	5	2.67	<4	8	171	6	2.36	0.17	29	0.89	684	<1	0.09	15	736	<1	0.95	<5	<5	0.03	<10	59	<100	<2	11	<10	2	111

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Date Received: 06/24/2010
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Job #: 201042411
Reference: NR10-519
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170154	RRR086720	0.060	<1	1.64	12	38	40	<2	3	2.99	<4	8	242	9	2.41	0.17	33	1.17	834	<1	0.09	17	1206	<1	0.32	<5	<5	0.03	<10	60	<100	5	10	<10	2	187
170155D	RRR086720	0.062	<1	1.59	11	34	38	<2	7	2.91	<4	9	231	8	2.35	0.17	33	1.14	813	<1	0.09	16	1157	<1	0.31	<5	<5	0.03	<10	59	<100	2	9	<10	2	177
170156	RRR086721	0.048	<1	1.32	12	40	40	<2	5	2.90	<4	9	139	15	2.18	0.17	26	1.13	734	<1	0.09	19	295	<1	0.36	<5	<5	0.04	<10	56	<100	<2	8	<10	3	209
170157	RRR086722	0.020	<1	1.13	5	27	39	<2	<1	2.72	<4	8	209	9	2.06	0.17	20	1.04	603	<1	0.09	16	2012	<1	0.32	<5	<5	0.03	<10	50	<100	3	7	<10	2	128
170158	RRR086723	0.029	<1	1.24	5	22	44	<2	2	3.10	<4	8	127	12	2.14	0.19	22	1.12	679	<1	0.10	14	2545	<1	0.32	<5	<5	0.03	<10	63	<100	<2	8	<10	2	144
170159	RRR086724	0.019	<1	1.13	3	26	38	<2	5	2.89	<4	8	201	14	2.02	0.16	19	1.00	583	<1	0.09	17	1341	<1	0.28	<5	<5	0.03	<10	67	<100	5	7	<10	2	87
170160	RRR086725	0.022	<1	1.37	4	33	45	<2	2	2.99	<4	8	129	14	2.09	0.19	24	1.00	588	<1	0.11	15	676	<1	0.27	<5	<5	0.03	<10	80	<100	5	8	<10	2	89
170161	RRR086726	0.028	<1	1.09	9	16	30	<2	6	3.03	<4	7	87	6	1.95	0.13	22	0.94	620	<1	0.07	14	1310	<1	0.22	<5	<5	0.02	<10	74	<100	5	7	<10	2	88
170162	RRR086727	0.111	<1	1.06	30	42	44	<2	4	2.62	<4	8	82	9	2.20	0.20	18	0.99	706	<1	0.10	15	563	<1	0.17	<5	<5	0.02	<10	66	<100	3	7	<10	2	319
170163	RRR086728	0.050	<1	1.02	11	38	32	<2	<1	2.32	<4	8	107	11	1.97	0.14	19	0.91	543	<1	0.08	14	1327	<1	0.18	<5	<5	0.02	<10	55	<100	3	7	<10	2	101
170164	RRR086729	0.079	<1	1.19	7	26	37	<2	5	2.73	<4	9	109	18	2.12	0.15	24	0.97	541	<1	0.09	14	960	<1	0.22	<5	<5	0.02	<10	66	<100	<2	8	<10	2	135
170165	RRR086730	0.088	<1	1.22	6	28	35	<2	4	2.63	<4	10	120	20	2.01	0.14	25	0.90	481	<1	0.09	16	1048	<1	0.47	<5	<5	0.03	<10	71	<100	2	8	<10	2	168
170166D	RRR086730	0.044	<1	1.15	6	22	33	<2	4	2.46	<4	7	115	16	1.84	0.13	23	0.84	452	<1	0.09	14	1571	<1	0.27	<5	<5	0.02	<10	67	<100	2	7	<10	2	141
170167	RRR086731	0.034	<1	1.16	5	41	35	<2	2	2.22	<4	9	95	11	1.67	0.13	24	0.76	362	<1	0.09	12	2415	<1	0.27	<5	<5	0.02	<10	76	<100	4	7	<10	2	110
170168	RRR086732	0.025	<1	1.35	8	39	39	<2	4	3.43	<4	10	101	17	2.21	0.12	31	0.99	456	<1	0.09	15	2630	<1	0.22	<5	<5	0.03	<10	125	<100	2	8	<10	2	134
170169	RRR086733	0.018	<1	1.33	3	22	37	<2	5	2.93	<4	7	86	19	1.94	0.12	28	0.83	386	<1	0.09	12	526	<1	0.17	<5	<5	0.03	<10	86	<100	7	8	<10	2	89
170170	RRR086734	0.027	<1	1.01	7	49	33	<2	5	2.08	<4	8	78	13	1.92	0.14	18	0.86	478	<1	0.08	12	1401	<1	0.16	<5	<5	0.02	<10	44	<100	<2	7	<10	2	93
170171	RRR086735	0.026	<1	1.28	7	39	48	<2	<1	2.51	<4	8	78	16	2.11	0.20	22	1.12	609	<1	0.11	11	1249	<1	0.20	<5	<5	0.03	<10	54	<100	2	8	<10	2	155
170172	RRR086736	0.041	<1	0.97	12	40	31	<2	2	2.40	<4	9	78	13	1.88	0.12	19	0.86	504	<1	0.07	12	948	<1	0.12	<5	<5	0.02	<10	60	<100	<2	6	<10	2	121
170173	RRR086737	0.038	<1	1.12	6	38	43	<2	2	2.72	<4	6	73	14	1.83	0.15	22	0.81	483	<1	0.09	11	1087	<1	0.22	<5	<5	0.02	<10	93	<100	3	7	<10	2	73

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170174	RRR086738	0.048	<1	1.02	5	25	39	<2	3	2.57	<4	9	126	15	2.09	0.13	21	0.84	545	<1	0.07	13	795	<1	0.27	<5	<5	0.02	<10	81	<100	<2	7	<10	2	127
170175	RRR086739	0.030	<1	0.88	4	38	41	<2	3	2.13	<4	7	101	13	1.86	0.13	17	0.68	515	<1	0.07	11	864	<1	0.26	<5	<5	0.02	<10	56	<100	6	6	<10	2	142
170176	RRR086740	0.034	<1	0.99	5	31	37	<2	6	2.40	<4	8	119	19	1.95	0.13	21	0.75	651	<1	0.07	13	1545	<1	0.36	<5	<5	0.02	<10	54	<100	3	6	<10	2	115
170177R	RRR086740	0.039	<1	1.28	9	49	57	<2	2	2.72	<4	8	124	22	2.11	0.21	24	0.79	717	<1	0.10	13	<100	<1	0.24	<5	<5	0.03	<10	68	<100	<2	8	<10	2	138
170178	RRR086741	0.046	<1	0.98	8	42	37	<2	4	2.71	<4	9	112	18	2.08	0.16	20	0.97	704	5	0.08	13	856	<1	0.21	<5	<5	0.03	<10	65	<100	4	6	<10	2	183
170179	RRR086742	0.084	<1	0.99	16	51	38	<2	2	2.70	<4	8	83	15	2.17	0.18	20	1.04	703	2	0.07	16	3046	<1	0.27	<5	<5	0.03	<10	65	<100	<2	8	<10	2	190
170180	RRR086743	0.307	<1	0.92	12	23	34	<2	3	2.31	<4	8	122	22	1.72	0.17	18	0.79	523	<1	0.07	11	1562	4	0.30	<5	<5	0.02	<10	47	<100	<2	5	<10	2	139
170181	RRR086744	0.052	<1	0.98	8	29	36	<2	5	2.51	<4	6	65	25	1.65	0.19	20	0.85	598	<1	0.07	11	230	<1	0.31	<5	<5	0.02	<10	50	<100	2	5	<10	<2	89
170182	RRR086745	0.024	<1	1.01	7	31	34	<2	2	2.95	<4	7	97	23	1.81	0.18	23	1.00	730	<1	0.07	13	412	3	0.44	<5	<5	0.03	<10	56	<100	5	6	<10	2	108
170183	RRR086746	0.059	<1	0.77	7	41	32	<2	2	2.90	<4	8	151	13	1.91	0.15	17	0.98	1018	<1	0.05	12	1980	<1	0.22	<5	<5	0.02	<10	77	<100	<2	7	<10	2	64
170184	RRR086747	0.112	<1	2.54	5	51	48	<2	10	3.53	<4	29	116	60	5.37	0.19	61	1.37	1516	<1	0.06	53	2579	3	0.21	<5	<5	0.03	<10	55	1042	8	80	<10	11	321
170185	RRR086748	0.019	<1	2.55	8	41	33	<2	9	3.15	<4	46	115	66	6.64	0.13	51	1.04	1237	<1	0.04	63	1393	<1	0.15	<5	<5	0.02	<10	26	1514	4	145	<10	15	224
170186	RRR086749	0.022	<1	3.55	11	32	19	<2	20	3.39	5	61	123	107	10.29	0.08	66	1.58	1818	<1	0.03	65	713	<1	0.13	<5	<5	0.03	<10	26	1576	<2	225	<10	12	236
170187	RRR086750	0.029	<1	3.03	6	40	27	<2	10	2.53	5	49	104	100	8.74	0.11	54	1.21	1443	<1	0.04	62	2682	<1	0.58	<5	<5	0.04	<10	20	1729	2	196	<10	11	276
170188D	RRR086750	0.024	<1	2.92	7	40	24	<2	8	2.46	5	47	97	99	8.34	0.10	52	1.17	1382	<1	0.04	59	335	<1	0.85	<5	<5	0.04	<10	19	1505	<2	188	<10	10	265
170189	RRR086751	0.029	<1	4.96	9	29	7	<2	18	2.76	7	46	107	84	14.30	0.04	84	2.08	2492	<1	0.02	41	2340	<1	1.67	<5	<5	0.04	<10	27	1305	2	253	<10	11	303
170190	RRR086752	0.034	<1	3.71	12	40	25	<2	15	3.17	5	57	88	86	10.49	0.09	64	1.54	2002	<1	0.03	49	1256	<1	1.76	<5	<5	0.05	<10	27	1838	7	228	<10	12	199
170191	RRR086753	0.035	<1	2.50	5	31	39	<2	9	2.51	<4	58	142	103	7.44	0.11	33	0.95	1352	<1	0.03	61	1532	<1	1.53	<5	<5	0.04	<10	17	1697	<2	199	<10	13	227

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182460	RRR089501	0.096	<1	0.47	14	<10	35	<2	<1	0.04	<4	7	173	62	1.78	0.15	4	<0.01	<100	2	0.08	10	<100	19	1.44	<5	<5	<0.01	<10	20	<100	<2	3	<10	<2	202
182461	RRR089502	0.108	<1	0.59	29	12	33	<2	<1	0.04	<4	9	117	30	1.55	0.15	7	0.06	<100	<1	0.08	11	<100	10	1.30	<5	<5	<0.01	<10	26	<100	<2	3	<10	<2	500
182462	RRR089503	0.024	<1	0.60	10	<10	27	<2	<1	0.06	<4	7	128	16	1.24	0.14	6	0.02	<100	<1	0.07	8	104	5	0.57	<5	<5	<0.01	<10	17	<100	<2	3	<10	<2	32
182463	RRR089504	0.620	<1	0.58	867	11	24	<2	<1	0.05	<4	7	81	7	1.30	0.13	7	0.05	<100	<1	0.06	9	<100	3	0.75	<5	<5	<0.01	<10	16	<100	<2	3	<10	<2	60
182464	RRR089505	0.319	<1	0.60	34	13	26	<2	<1	0.06	<4	8	78	7	1.05	0.14	8	0.02	<100	<1	0.06	10	<100	5	0.94	<5	<5	<0.01	<10	16	<100	<2	3	<10	<2	31
182465	RRR089506	0.067	<1	1.06	10	<10	26	<2	<1	0.11	<4	7	78	6	0.97	0.13	26	0.29	<100	<1	0.07	10	<100	<1	0.39	<5	<5	0.02	<10	17	<100	<2	5	<10	<2	50
182466	RRR089507	0.057	<1	1.40	24	14	27	<2	<1	0.15	<4	8	96	19	1.73	0.12	41	0.52	<100	<1	0.08	12	<100	4	0.75	<5	<5	0.02	<10	20	<100	<2	7	<10	<2	77
182467	RRR089508	0.026	<1	1.56	14	<10	28	<2	<1	0.19	<4	6	117	20	1.86	0.12	47	0.61	101	<1	0.08	11	<100	3	0.51	<5	<5	0.02	<10	23	<100	<2	8	<10	<2	88
182468	RRR089509	0.009	<1	1.22	9	10	25	<2	<1	0.16	<4	6	100	5	1.36	0.11	36	0.47	<100	<1	0.07	12	131	4	0.51	<5	<5	0.02	<10	14	<100	<2	6	<10	<2	67
182469	RRR089510	<0.005	<1	1.65	14	<10	22	<2	<1	0.26	<4	6	88	19	1.52	0.10	53	0.73	<100	<1	0.07	12	382	3	0.21	<5	<5	0.03	<10	17	<100	<2	9	<10	<2	95
182470	RRR089511	0.009	<1	1.62	12	13	20	<2	<1	0.38	<4	7	95	33	1.73	0.10	52	0.77	289	<1	0.07	12	439	5	0.25	<5	<5	0.03	<10	19	<100	<2	9	<10	<2	100
182471	RRR089512	0.006	<1	1.39	17	12	17	<2	<1	1.32	<4	7	76	38	1.85	0.09	44	1.08	332	<1	0.06	11	391	6	0.30	<5	<5	0.03	<10	20	<100	2	8	<10	<2	94
182472D	RRR089512	0.007	<1	1.55	13	14	20	<2	<1	1.39	<4	8	88	40	1.93	0.10	50	1.13	344	<1	0.07	12	403	8	0.30	<5	<5	0.03	<10	23	<100	2	9	<10	<2	96
182473	RRR089513	<0.005	<1	1.61	10	13	19	<2	<1	0.53	<4	9	87	17	2.08	0.11	51	0.84	741	<1	0.08	13	409	5	0.29	<5	<5	0.03	<10	22	<100	<2	9	<10	<2	105
182474	RRR089514	0.013	<1	1.41	12	12	20	<2	<1	0.82	<4	7	84	13	1.90	0.13	41	0.91	593	<1	0.08	13	384	5	0.26	<5	<5	0.02	<10	23	<100	<2	7	<10	<2	102
182475	RRR089515	0.082	<1	1.05	569	14	27	<2	<1	1.52	<4	5	119	24	1.80	0.19	26	1.07	724	<1	0.08	10	360	8	0.54	5	<5	0.02	<10	29	<100	<2	6	<10	2	151
182476	RRR089516	0.017	<1	1.02	11	11	25	<2	<1	1.96	<4	5	97	34	1.72	0.18	26	1.32	716	<1	0.07	8	320	10	0.50	<5	<5	0.02	<10	25	<100	<2	6	<10	2	106
182477	RRR089517	0.024	2	0.74	69	13	27	<2	<1	2.10	<4	6	118	61	2.17	0.18	15	1.18	647	2	0.08	10	353	12	1.49	6	<5	0.02	<10	37	<100	<2	5	<10	2	117
182478	RRR089518	0.026	3	0.79	91	12	31	<2	<1	1.63	<4	8	136	94	2.31	0.16	19	1.08	480	4	0.08	14	395	18	1.73	<5	<5	0.02	<10	52	<100	<2	6	<10	2	320
182479	RRR089519	0.079	6	0.53	738	11	24	<2	<1	1.58	<4	7	129	46	2.39	0.14	10	0.87	522	2	0.07	11	352	27	2.02	13	<5	<0.01	<10	42	<100	<2	4	<10	2	801

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
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182480	RRR089520	0.024	<1	0.66	1187	<10	26	<2	<1	2.31	<4	7	136	20	2.13	0.15	14	1.14	683	<1	0.08	11	378	18	1.14	<5	<5	<0.01	<10	97	<100	<2	5	<10	2	356
182481	RRR089521	0.039	<1	0.82	387	<10	26	<2	<1	2.38	<4	6	129	24	2.03	0.13	21	1.05	615	<1	0.08	12	349	29	0.76	<5	<5	0.02	<10	117	<100	<2	6	<10	2	518
182482	RRR089522	0.012	<1	0.93	34	10	29	<2	<1	2.27	<4	6	149	22	2.02	0.14	25	1.02	728	<1	0.08	12	378	54	0.72	<5	<5	0.02	<10	91	<100	<2	7	<10	2	306
182483D	RRR089522	0.016	<1	0.85	23	<10	27	<2	<1	2.10	<4	6	137	21	1.87	0.13	23	0.95	676	<1	0.07	11	348	47	0.67	<5	<5	0.02	<10	85	<100	2	6	<10	2	289
182484	RRR089523	0.013	2	0.94	24	13	33	<2	<1	1.63	<4	6	200	26	2.00	0.14	25	0.92	670	<1	0.08	12	348	38	0.84	<5	<5	0.02	<10	65	<100	<2	7	<10	2	393
182485	RRR089524	0.013	6	0.88	22	<10	39	<2	<1	1.77	<4	7	227	65	2.07	0.17	22	0.84	672	2	0.08	14	332	219	1.02	5	<5	<0.01	<10	62	<100	<2	7	<10	2	795
182486	RRR089525	0.009	<1	0.81	14	11	41	<2	<1	2.06	<4	7	199	24	1.86	0.18	17	0.89	603	<1	0.09	11	319	18	0.82	<5	<5	0.02	<10	75	<100	<2	7	<10	2	211
182487	RRR089526	0.008	<1	0.80	24	14	38	<2	<1	2.28	<4	6	198	20	2.04	0.16	18	0.96	560	<1	0.09	12	292	12	0.95	<5	<5	0.02	<10	73	<100	4	7	<10	2	99
182488	RRR089527	0.007	<1	0.98	138	11	40	<2	<1	2.04	<4	6	187	23	1.82	0.16	24	0.85	473	<1	0.08	13	300	19	0.47	<5	<5	0.02	<10	60	<100	<2	8	<10	2	86
182489	RRR089528	0.011	<1	1.00	22	<10	54	<2	<1	2.65	<4	7	172	21	2.10	0.19	22	0.98	643	<1	0.11	13	357	29	0.76	<5	<5	0.02	<10	89	<100	4	7	<10	2	104
182490	RRR089529	0.012	<1	0.73	25	<10	50	<2	<1	2.01	<4	6	120	13	1.80	0.15	16	0.79	514	<1	0.09	10	285	12	0.80	<5	<5	0.02	<10	75	<100	<2	5	<10	2	152
182491	RRR089530	0.011	<1	0.71	28	12	67	<2	<1	2.34	<4	6	139	12	1.90	0.16	14	0.84	640	<1	0.09	11	341	17	1.00	<5	<5	0.02	<10	72	<100	<2	5	<10	2	153
182492	RRR089531	0.022	2	0.69	1281	<10	71	<2	<1	2.85	<4	8	107	25	2.65	0.14	15	0.99	850	<1	0.09	13	472	23	1.73	<5	<5	<0.01	<10	84	<100	3	7	<10	2	135
182493	RRR089532	0.039	3	0.58	93	<10	82	<2	<1	1.78	<4	7	135	41	2.44	0.14	10	0.84	785	2	0.09	13	432	27	1.80	<5	<5	<0.01	<10	62	<100	<2	5	<10	2	180
182494D	RRR089532	0.041	3	0.61	105	<10	86	<2	<1	1.92	<4	8	141	44	2.65	0.15	10	0.90	843	2	0.09	14	468	25	1.98	<5	<5	<0.01	<10	67	<100	<2	6	<10	2	210
182495	RRR089533	0.040	11	0.57	73	10	87	<2	3	1.53	24	8	118	127	2.15	0.13	11	0.81	659	3	0.08	13	414	467	1.75	8	<5	<0.01	<10	42	<100	<2	5	45	2	4104
182496	RRR089534	0.067	3	0.72	40	<10	96	<2	<1	1.02	<4	8	145	74	2.19	0.14	15	0.67	525	5	0.09	13	347	20	1.74	<5	<5	<0.01	<10	35	<100	<2	6	<10	2	106
182497	RRR089535	0.038	<1	1.19	32	<10	93	<2	<1	1.06	5	7	220	111	2.24	0.14	31	0.98	515	2	0.09	14	325	17	1.33	<5	<5	0.02	<10	31	<100	<2	7	13	2	1059
182498	RRR089536	0.032	<1	1.17	20	<10	83	<2	<1	1.35	<4	7	152	16	2.19	0.14	30	1.11	535	<1	0.09	12	326	14	1.30	<5	<5	0.02	<10	33	<100	<2	7	<10	2	128
182499	RRR089537	0.037	3	0.98	23	<10	96	<2	<1	1.93	<4	7	151	87	2.30	0.16	21	1.26	688	3	0.09	12	362	12	1.58	8	<5	0.02	<10	37	<100	<2	7	<10	2	149

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182500	RRR089538	0.027	2	1.15	16	<10	72	<2	2	1.40	<4	8	148	92	2.19	0.16	27	1.18	510	4	0.08	12	282	13	1.23	7	<5	0.02	<10	33	<100	2	8	<10	<2	140
182501	RRR089539	0.080	21	1.16	22	<10	53	<2	55	0.83	<4	9	144	145	2.07	0.16	26	0.87	363	4	0.08	13	334	91	1.23	6	<5	0.02	<10	27	<100	<2	7	<10	<2	129
182502	RRR089540	1.499	<1	1.05	<2	11	66	<2	3	0.56	<4	18	40	19	4.50	0.27	2	1.08	327	<1	0.47	50	749	58	2.70	<5	<5	0.03	<10	108	2684	<2	36	<10	3	69
182503	RRR089541	0.028	<1	1.39	23	<10	45	<2	<1	1.03	<4	7	163	34	1.72	0.14	33	0.91	516	2	0.07	13	416	14	0.61	<5	<5	0.03	<10	31	<100	<2	9	<10	<2	178
182504	RRR089542	0.022	3	1.47	14	<10	59	<2	<1	1.92	<4	7	113	138	1.98	0.15	39	1.02	665	6	0.08	11	390	53	1.11	8	<5	<0.01	<10	42	<100	2	9	<10	<2	243
182505D	RRR089542	0.025	3	1.40	14	<10	56	<2	<1	1.88	<4	7	108	140	1.97	0.15	37	1.00	659	7	0.08	12	384	51	1.12	8	<5	<0.01	<10	40	<100	<2	9	<10	<2	234
182506	RRR089543	0.071	4	1.15	28	<10	36	<2	2	1.06	<4	7	67	100	1.93	0.09	30	0.86	516	4	0.05	12	416	154	1.14	6	<5	0.02	<10	26	<100	<2	7	<10	<2	770
182507	RRR089544	0.028	<1	0.30	57	<10	19	<2	<1	0.10	<4	10	196	20	1.85	0.07	7	0.07	<100	<1	0.02	18	336	10	1.57	<5	<5	<0.01	<10	6	<100	<2	2	<10	<2	47
182508	RRR089545	0.034	<1	1.00	39	<10	33	<2	6	0.16	<4	8	124	21	1.57	0.14	18	0.35	130	<1	0.04	13	309	9	0.93	<5	<5	0.02	<10	13	<100	<2	7	<10	<2	204
182509	RRR089546	0.041	<1	2.77	35	<10	18	<2	3	0.80	9	9	127	57	3.64	0.05	71	1.28	374	2	0.08	16	342	22	2.12	<5	6	0.03	<10	41	<100	2	23	15	<2	1291
182510	RRR089547	0.052	2	1.93	23	<10	27	<2	<1	1.13	<4	8	92	17	2.68	0.10	48	1.29	864	<1	0.06	13	356	36	1.35	<5	<5	0.02	<10	33	<100	<2	13	<10	<2	359
182511	RRR089548	0.076	3	1.71	16	<10	39	<2	<1	0.28	<4	8	127	13	2.04	0.18	39	0.82	316	<1	0.06	13	376	9	1.04	<5	<5	0.02	<10	24	<100	<2	9	<10	<2	132
182512	RRR089549	0.210	2	1.68	16	<10	38	<2	<1	0.38	<4	7	102	12	1.81	0.18	38	1.04	299	<1	0.05	12	312	10	0.85	<5	<5	0.02	<10	21	<100	<2	8	<10	<2	123
182513	RRR089550	0.092	<1	1.61	17	<10	33	<2	2	0.43	<4	7	117	14	1.81	0.17	38	1.00	277	<1	0.05	12	337	10	1.00	<5	<5	0.02	<10	24	<100	<2	8	<10	<2	123
182514	RRR089551	0.060	3	1.20	19	11	27	<2	4	0.67	<4	6	97	24	1.83	0.14	28	0.83	318	<1	0.05	11	353	18	1.36	6	<5	0.02	<10	23	<100	<2	6	<10	<2	163
182515	RRR089552	0.059	2	1.40	24	<10	31	<2	<1	1.53	<4	7	115	36	1.98	0.15	32	1.09	551	<1	0.06	12	360	14	1.46	7	5	0.03	<10	39	<100	<2	7	<10	2	336
182516D	RRR089552	0.062	2	1.45	24	<10	33	<2	4	1.64	<4	7	120	37	2.11	0.16	33	1.16	593	<1	0.06	13	379	20	1.55	8	<5	0.03	<10	40	<100	<2	7	<10	2	356
182517	RRR089553	0.097	2	0.64	27	<10	30	<2	<1	1.95	<4	5	88	68	1.69	0.15	12	0.91	520	3	0.04	8	317	13	1.20	<5	<5	0.02	<10	39	<100	<2	4	<10	2	138
182518	RRR089554	0.127	<1	1.02	21	<10	39	<2	<1	1.85	<4	6	123	38	1.79	0.20	20	0.90	514	3	0.06	10	344	16	1.14	<5	<5	0.03	<10	46	<100	<2	5	<10	<2	93
182519	RRR089555	0.085	<1	0.94	15	<10	29	<2	<1	1.73	<4	5	70	15	1.73	0.16	20	0.93	528	<1	0.05	7	330	15	1.08	<5	<5	0.02	<10	38	<100	<2	5	<10	<2	190

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182520	RRR089556	0.071	<1	1.23	21	<10	37	<2	<1	1.74	<4	7	91	20	1.75	0.21	25	0.90	539	<1	0.07	11	354	21	1.16	<5	<5	0.03	<10	42	<100	<2	6	<10	2	152
182521	RRR089557	0.650	5	0.92	58	<10	39	<2	<1	1.34	<4	6	98	105	1.82	0.24	15	0.70	584	<1	0.06	9	333	47	1.46	5	<5	0.02	<10	33	<100	<2	5	<10	<2	220
182522	RRR089558	0.160	3	0.96	58	<10	36	<2	<1	1.85	<4	6	120	97	1.79	0.23	16	0.90	945	<1	0.06	12	353	34	1.43	9	<5	0.03	<10	40	<100	<2	5	<10	2	453
182523	RRR089559	0.221	<1	0.98	38	<10	34	<2	<1	1.72	<4	6	81	29	1.78	0.21	18	0.86	929	<1	0.06	11	367	18	1.35	<5	<5	0.02	<10	37	<100	<2	5	<10	<2	143
182524	RRR089560	0.146	<1	1.30	28	<10	43	<2	<1	1.76	<4	7	185	32	1.77	0.24	26	0.86	795	<1	0.07	12	363	17	1.06	<5	<5	0.03	<10	44	<100	<2	6	<10	<2	89
182525	RRR089561	0.202	<1	0.99	12	<10	35	<2	2	1.71	<4	6	63	11	1.82	0.17	22	0.92	648	<1	0.06	8	346	13	1.49	<5	<5	0.02	<10	42	<100	3	5	<10	<2	136
182526	RRR089562	0.052	<1	1.22	8	<10	57	<2	<1	1.48	<4	7	127	25	1.94	0.24	23	0.84	660	<1	0.07	11	352	29	1.79	6	<5	0.03	<10	42	<100	<2	6	<10	<2	195
182527R	RRR089562	0.081	<1	0.97	8	<10	44	<2	<1	1.47	<4	6	109	22	1.91	0.18	19	0.85	675	<1	0.06	9	359	24	1.79	7	<5	0.02	<10	37	<100	<2	5	<10	<2	184
182528	RRR089563	0.042	<1	0.96	4	<10	60	<2	<1	1.32	<4	6	113	15	2.04	0.23	16	0.75	650	<1	0.06	9	362	50	2.07	5	<5	0.02	<10	35	<100	<2	5	<10	<2	312
182529	RRR089564	0.057	2	1.28	11	<10	64	<2	<1	2.03	<4	6	226	38	1.97	0.24	23	0.94	991	2	0.08	13	331	65	1.89	12	<5	0.03	<10	47	<100	<2	6	<10	2	350
182530	RRR089565	0.093	2	1.03	7	<10	53	<2	<1	1.42	<4	5	83	23	1.87	0.19	19	0.80	652	<1	0.06	9	344	36	1.87	6	<5	0.02	<10	38	<100	<2	4	<10	<2	167
182531	RRR089566	0.062	2	1.10	11	<10	44	<2	<1	1.80	<4	6	126	41	2.04	0.20	22	0.97	860	2	0.06	10	340	28	1.78	5	<5	0.03	<10	41	<100	4	5	<10	2	235
182532	RRR089567	0.076	<1	0.97	7	<10	34	<2	<1	1.59	<4	7	105	97	2.11	0.17	21	0.84	765	3	0.05	11	372	24	1.75	<5	<5	0.02	<10	27	<100	<2	5	<10	2	184
182533	RRR089568	0.080	<1	0.78	6	<10	26	<2	<1	1.61	<4	7	93	77	2.19	0.12	18	0.88	943	2	0.04	10	361	33	1.86	<5	<5	0.02	<10	23	<100	<2	5	<10	2	137
182534	RRR089569	0.272	3	0.81	9	<10	42	<2	<1	1.31	7	6	137	157	2.06	0.21	15	0.67	1067	4	0.05	11	341	46	1.84	<5	<5	0.02	<10	22	<100	<2	5	21	<2	1783
182535	RRR089570	0.104	<1	0.82	10	<10	50	<2	<1	1.16	<4	5	115	73	1.62	0.18	16	0.63	990	<1	0.04	8	319	14	1.13	<5	<5	0.02	<10	20	<100	<2	4	<10	<2	384
182536	RRR089571	0.243	<1	0.79	12	<10	117	<2	<1	1.42	<4	6	113	66	1.89	0.15	17	0.75	1146	<1	0.05	9	358	14	1.28	<5	<5	0.02	<10	21	<100	2	4	<10	<2	726
182537	RRR089572	0.118	<1	1.12	7	<10	59	<2	<1	1.49	<4	5	144	61	1.60	0.22	22	0.78	1111	<1	0.06	9	321	11	0.83	<5	<5	0.02	<10	26	<100	<2	5	<10	<2	769
182538D	RRR089572	0.186	<1	1.37	8	11	71	<2	<1	1.64	<4	6	171	69	1.75	0.27	27	0.86	1210	<1	0.07	9	348	13	0.90	<5	<5	0.03	<10	32	<100	<2	6	10	<2	843
182539	RRR089573	0.190	<1	1.24	10	<10	49	<2	<1	1.56	<4	5	145	119	1.61	0.20	27	0.82	1073	<1	0.06	9	331	12	0.82	<5	<5	0.02	<10	32	<100	2	6	<10	<2	764

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182540	RRR089574	0.113	<1	1.15	4	<10	54	<2	<1	1.80	6	5	135	59	1.77	0.22	22	0.88	1153	<1	0.06	10	361	16	1.29	<5	<5	0.02	<10	30	<100	<2	6	16	2	1315
182541	RRR089575	0.986	<1	0.97	5	<10	39	<2	<1	1.68	5	5	138	106	1.90	0.17	20	0.83	1131	<1	0.05	9	325	20	1.49	<5	<5	0.02	<10	25	<100	2	5	15	2	1251
182542	RRR089576	1.245	<1	1.07	5	<10	40	<2	<1	1.59	9	4	135	61	1.48	0.18	24	0.88	1199	<1	0.05	7	316	12	0.76	<5	<5	0.02	<10	24	<100	2	5	26	<2	2255
182543	RRR089577	1.602	<1	0.95	9	<10	37	<2	<1	1.29	5	5	122	59	1.41	0.17	21	0.75	942	<1	0.04	8	344	7	0.75	<5	<5	0.02	<10	20	<100	<2	4	15	<2	1222
182544	RRR089578	0.363	<1	0.94	16	<10	52	<2	<1	1.35	<4	5	180	40	1.63	0.24	17	0.77	1091	<1	0.05	10	317	9	1.14	<5	<5	0.02	<10	24	<100	<2	5	10	<2	725
182545	RRR089579	0.105	<1	0.63	8	<10	41	<2	<1	1.76	<4	7	213	32	1.94	0.16	11	0.88	1354	<1	0.04	14	316	22	1.64	<5	<5	0.02	<10	25	<100	4	4	<10	2	266
182546	RRR089580	5.448	<1	1.00	4	<10	91	<2	5	0.59	<4	19	35	18	4.88	0.24	3	0.90	320	<1	0.41	45	847	49	3.24	<5	<5	0.02	<10	108	2459	<2	34	<10	3	75
182547	RRR089581	0.104	2	0.69	22	<10	44	<2	<1	1.55	<4	5	139	87	1.68	0.19	12	0.80	1119	<1	0.05	8	339	15	1.48	8	<5	0.02	<10	26	<100	<2	4	10	2	877
182548	RRR089582	0.139	<1	0.72	16	<10	41	<2	<1	1.72	<4	5	137	106	1.56	0.18	13	0.86	1076	<1	0.05	8	320	7	1.32	7	<5	0.02	<10	28	<100	<2	4	<10	2	817
182549D	RRR089582	0.147	<1	0.73	15	<10	43	<2	<1	1.78	<4	6	137	103	1.60	0.18	13	0.88	1105	<1	0.05	8	325	11	1.35	6	<5	0.02	<10	28	<100	<2	4	10	2	832
182550	RRR089583	0.067	<1	0.99	7	<10	66	<2	<1	1.52	<4	9	173	29	2.47	0.28	15	0.77	772	<1	0.06	15	542	26	2.47	<5	<5	0.03	<10	34	<100	<2	7	<10	2	212
182551	RRR089584	0.281	7	0.66	67	<10	44	<2	2	1.81	5	7	136	242	2.29	0.18	11	0.93	943	<1	0.05	13	380	11	2.32	35	<5	0.02	<10	29	<100	2	4	14	2	1100
182552	RRR089585	0.050	<1	1.08	9	<10	66	<2	<1	2.10	<4	7	193	25	2.22	0.26	18	1.06	1070	<1	0.07	12	402	10	1.98	<5	<5	0.03	<10	50	<100	2	6	<10	2	187
182553	RRR089586	0.037	<1	1.00	7	<10	59	<2	2	1.78	<4	7	143	22	2.15	0.23	18	0.91	817	<1	0.07	15	400	11	2.06	<5	<5	0.03	<10	42	<100	<2	5	<10	2	182
182554	RRR089587	0.032	<1	0.94	7	<10	54	<2	<1	2.06	<4	8	77	24	2.21	0.22	16	1.05	752	<1	0.07	17	432	13	2.28	<5	<5	0.03	<10	47	<100	<2	6	<10	2	331
182555	RRR089588	0.020	<1	0.79	10	<10	46	<2	<1	2.05	<4	7	110	34	2.28	0.19	13	1.05	706	<1	0.06	16	448	11	2.35	<5	<5	0.03	<10	47	<100	<2	5	<10	2	530
182556	RRR089589	0.027	2	0.63	37	<10	36	<2	3	1.77	<4	7	74	121	2.17	0.15	12	0.91	486	6	0.05	13	379	10	2.23	13	<5	0.02	<10	41	<100	<2	4	<10	2	71
182557	RRR089590	0.015	<1	0.69	8	<10	44	<2	2	1.86	<4	8	62	31	2.27	0.17	11	0.94	552	<1	0.05	14	559	12	2.35	<5	<5	0.02	<10	45	<100	<2	5	<10	2	167
182558	RRR089591	0.020	<1	0.58	20	<10	32	<2	2	1.72	<4	10	86	75	2.50	0.12	12	0.85	585	5	0.04	16	553	11	2.58	8	<5	0.02	<10	34	<100	<2	4	<10	2	417
182559	RRR089592	0.026	<1	0.70	15	<10	35	<2	<1	1.93	<4	8	211	78	1.90	0.11	14	0.95	629	15	0.05	14	344	8	1.71	<5	<5	0.02	<10	36	<100	2	5	<10	2	227

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182560D	RRR089592	0.025	<1	0.66	12	<10	33	<2	<1	1.91	<4	7	201	78	1.95	0.11	14	0.94	628	14	0.05	13	339	9	1.77	<5	<5	0.02	<10	35	<100	<2	4	<10	2	213
182561	RRR089593	0.025	<1	0.75	4	<10	24	<2	<1	1.56	<4	8	127	174	2.16	0.09	18	0.97	512	9	0.04	14	392	7	2.04	<5	<5	0.02	<10	30	<100	<2	5	<10	<2	180
182562	RRR089594	0.028	<1	1.17	5	<10	46	<2	<1	1.75	<4	7	99	167	1.99	0.17	24	1.00	630	6	0.06	11	385	8	1.85	<5	<5	0.02	<10	44	<100	<2	6	<10	2	165
182563	RRR089595	0.057	<1	0.84	4	<10	31	<2	<1	2.53	<4	5	139	72	1.73	0.11	18	1.23	982	<1	0.05	7	358	6	1.43	<5	<5	0.02	<10	45	<100	<2	4	<10	2	131
182564	RRR089596	0.410	4	0.92	5	11	44	<2	2	2.19	<4	6	168	738	2.23	0.16	18	1.16	784	6	0.06	12	373	10	2.04	<5	<5	0.02	<10	53	<100	<2	5	<10	2	591
182565	RRR089597	0.155	<1	0.63	6	<10	31	<2	<1	1.62	<4	6	73	52	1.61	0.12	13	0.76	553	<1	0.05	7	358	6	1.28	<5	<5	0.02	<10	40	<100	<2	3	<10	<2	74
182566	RRR089598	0.083	<1	0.92	6	<10	47	<2	<1	1.82	<4	6	87	75	1.91	0.17	18	0.96	696	2	0.06	10	380	8	1.71	<5	<5	0.02	<10	49	<100	2	5	<10	2	312
182567	RRR089599	0.027	<1	0.95	21	<10	47	<2	2	1.75	<4	7	188	104	2.14	0.14	21	1.03	679	4	0.06	14	375	7	2.03	<5	<5	0.02	<10	46	<100	<2	5	<10	2	235
182568	RRR089600	0.032	<1	0.66	41	<10	29	<2	2	1.93	<4	7	142	144	2.25	0.11	15	1.07	794	4	0.05	12	376	11	2.20	5	<5	0.02	<10	39	<100	<2	4	<10	2	332
182569	RRR089601	0.020	<1	0.75	5	<10	30	<2	<1	1.54	<4	6	130	21	2.03	0.13	16	0.90	606	<1	0.06	9	375	9	1.99	<5	<5	0.02	<10	37	<100	<2	4	<10	2	276
182570	RRR089602	0.018	<1	0.83	11	<10	30	<2	<1	1.39	<4	8	158	50	2.34	0.12	19	0.86	549	3	0.06	12	373	6	2.30	<5	<5	0.02	<10	39	<100	<2	5	<10	<2	346
182571D	RRR089602	0.020	<1	0.79	10	<10	29	<2	2	1.32	<4	8	152	49	2.31	0.11	18	0.82	525	3	0.06	12	363	6	2.27	<5	<5	0.02	<10	37	<100	2	4	<10	<2	345
182572	RRR089603	0.018	<1	0.86	8	<10	44	<2	<1	1.35	<4	7	152	44	2.33	0.13	19	0.81	463	3	0.06	12	392	7	2.30	<5	<5	0.02	<10	42	<100	<2	5	<10	<2	202
182573	RRR089604	0.039	<1	0.68	4	<10	32	<2	<1	1.51	<4	7	81	40	2.29	0.15	13	0.83	460	2	0.06	10	372	9	2.27	<5	<5	0.02	<10	44	<100	<2	4	<10	2	227
182574	RRR089605	0.075	<1	0.74	5	<10	43	<2	<1	1.64	4	8	99	79	2.20	0.22	10	0.76	547	<1	0.08	15	397	11	2.18	<5	<5	0.02	<10	55	<100	<2	5	12	2	816
182575	RRR089606	0.031	<1	0.58	4	<10	29	<2	2	2.15	<4	7	142	43	1.92	0.12	10	0.90	556	<1	0.08	12	393	10	1.80	<5	<5	0.02	<10	52	<100	<2	4	<10	2	124
182576	RRR089607	0.034	<1	0.82	4	12	29	<2	3	2.41	<4	7	108	42	2.03	0.14	14	1.18	612	<1	0.12	13	396	10	1.90	<5	<5	0.03	<10	64	<100	4	6	<10	2	190
182577	RRR089608	0.020	<1	0.63	3	11	32	<2	<1	1.92	<4	6	136	98	2.16	0.14	11	0.96	472	4	0.08	11	366	7	2.11	<5	<5	0.02	<10	46	<100	2	5	<10	2	836
182578	RRR089609	0.020	<1	0.83	5	<10	33	<2	2	1.64	<4	7	151	37	2.13	0.13	18	1.07	417	2	0.08	11	375	4	2.00	<5	<5	0.02	<10	48	<100	<2	5	<10	2	208
182579	RRR089610	0.010	<1	0.76	10	<10	33	<2	<1	1.61	<4	6	88	39	1.94	0.13	16	0.98	338	<1	0.08	9	369	4	1.89	<5	<5	0.02	<10	52	<100	<2	4	<10	2	95

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182580	RRR089611	0.014	<1	0.99	8	<10	38	<2	<1	1.53	<4	6	85	29	1.89	0.14	22	1.02	339	<1	0.08	8	369	7	1.84	<5	<5	0.03	<10	53	<100	<2	4	<10	<2	423
182581	RRR089612	0.013	<1	1.18	12	<10	36	<2	<1	1.34	<4	7	97	49	2.21	0.14	29	1.24	388	<1	0.06	11	385	6	2.16	<5	<5	0.03	<10	43	<100	<2	5	<10	<2	350
182582D	RRR089612	0.014	<1	1.16	12	<10	36	<2	<1	1.34	<4	7	96	48	2.17	0.14	28	1.23	387	<1	0.06	11	383	4	2.11	<5	<5	0.03	<10	43	<100	<2	5	<10	<2	341
182583	RRR089613	0.013	<1	1.01	7	<10	32	<2	2	0.64	<4	7	148	40	2.54	0.13	26	1.08	296	<1	0.04	12	385	9	2.43	<5	<5	0.02	<10	23	<100	<2	5	<10	<2	123
182584	RRR089614	0.010	<1	1.18	9	<10	30	<2	2	0.45	<4	6	175	42	1.73	0.14	33	1.29	351	2	0.03	11	373	4	1.44	<5	<5	0.02	<10	16	<100	<2	5	<10	<2	128
182585	RRR089615	0.042	<1	0.89	4	<10	17	<2	<1	0.37	<4	6	73	11	1.52	0.08	28	1.11	320	<1	0.03	8	366	5	1.36	<5	<5	0.02	<10	10	<100	<2	3	<10	<2	112
182586	RRR089616	0.015	2	0.81	23	<10	23	<2	6	0.28	<4	13	68	77	3.36	0.10	22	0.85	215	<1	0.03	13	350	14	3.43	12	<5	0.02	<10	12	<100	<2	3	<10	<2	320
182587	RRR089617	0.023	<1	1.11	4	<10	43	<2	2	0.99	<4	7	94	24	2.12	0.16	27	1.26	473	<1	0.05	11	366	6	2.02	<5	<5	0.02	<10	24	<100	<2	5	<10	<2	312
182588	RRR089618	0.048	<1	1.10	5	<10	50	<2	3	1.41	<4	6	93	42	2.03	0.16	27	1.33	591	<1	0.05	11	375	8	1.87	6	<5	0.02	<10	29	<100	<2	5	<10	<2	299
182589	RRR089619	0.009	<1	1.03	12	<10	71	<2	3	1.89	<4	6	105	119	2.35	0.18	22	1.25	866	<1	0.07	10	335	8	2.14	7	<5	0.02	<10	35	<100	3	5	<10	<2	350
182590	RRR089620	<0.005	<1	0.61	4	<10	80	<2	<1	1.47	<4	10	187	27	2.18	0.25	14	0.66	288	<1	0.15	25	2415	8	0.02	<5	<5	0.03	<10	224	2359	<2	63	<10	12	42
182591	RRR089621	1.458	<1	0.64	6	<10	50	<2	<1	1.95	<4	8	139	70	2.41	0.14	13	1.00	1101	<1	0.05	14	484	11	2.12	<5	<5	0.02	<10	33	<100	2	4	<10	2	649
182592R	RRR089621	1.413	2	0.74	6	<10	56	<2	<1	1.91	<4	8	90	57	2.24	0.15	15	0.97	1045	<1	0.06	13	475	11	2.02	<5	<5	0.02	<10	33	<100	2	4	<10	2	662
182593	RRR089622	0.123	<1	0.77	11	<10	46	<2	5	2.03	<4	6	106	31	2.41	0.16	16	0.96	1030	<1	0.05	10	335	8	2.01	<5	<5	0.02	<10	33	<100	<2	4	<10	2	190
182594	RRR089623	0.190	<1	0.71	13	<10	70	<2	<1	2.04	<4	5	98	117	2.16	0.21	11	0.97	1161	<1	0.06	8	322	9	1.60	<5	<5	0.02	<10	25	<100	<2	4	<10	2	421
182595	RRR089624	0.275	4	0.43	15	<10	60	<2	8	1.65	10	4	73	199	2.33	0.16	5	0.76	941	<1	0.04	8	344	11	2.10	<5	<5	<0.01	<10	16	<100	<2	3	28	<2	2422
182596	RRR089625	0.244	4	0.54	15	<10	84	<2	11	1.54	9	6	49	237	2.52	0.23	4	0.74	975	<1	0.06	8	326	18	2.36	<5	<5	0.02	<10	17	<100	<2	4	26	2	2136
182597	RRR089626	0.083	<1	0.57	13	<10	86	<2	<1	1.95	7	6	66	116	2.63	0.24	5	0.81	1356	<1	0.06	8	348	9	2.21	<5	<5	0.02	<10	18	<100	2	4	22	2	1797
182598	RRR089627	0.105	<1	0.61	12	<10	77	<2	2	2.13	8	5	64	123	2.03	0.22	7	0.70	1295	2	0.05	7	337	6	1.46	<5	<5	<0.01	<10	19	<100	<2	4	22	<2	1968
182599	RRR089628	0.137	<1	0.93	27	<10	63	<2	<1	3.17	<4	5	52	103	1.85	0.18	18	0.66	1414	<1	0.05	7	326	12	0.79	<5	<5	0.02	<10	32	<100	<2	5	<10	2	805

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182600	RRR089629	0.130	<1	0.71	20	<10	57	<2	<1	2.57	8	6	56	75	1.98	0.17	12	0.66	1050	<1	0.07	7	346	6	1.29	<5	<5	<0.01	<10	29	<100	<2	4	25	<2	2123
182601	RRR089630	0.147	<1	0.59	9	<10	50	<2	<1	2.55	6	4	41	64	1.71	0.16	10	0.64	911	<1	0.07	6	321	6	1.22	<5	<5	<0.01	<10	24	<100	<2	4	18	<2	1595
182602	RRR089631	0.123	<1	0.46	5	<10	51	<2	2	2.38	4	6	142	68	2.00	0.17	6	0.66	824	<1	0.06	10	334	6	1.55	<5	<5	<0.01	<10	23	<100	<2	3	13	2	1038
182603	RRR089632	0.147	<1	0.46	12	<10	54	<2	3	2.35	9	6	88	114	1.91	0.17	6	0.54	686	<1	0.06	8	326	5	1.72	<5	<5	<0.01	<10	27	<100	<2	4	24	2	2192
182604D	RRR089632	0.119	<1	0.56	11	<10	65	<2	2	2.25	9	6	97	107	1.84	0.21	7	0.53	664	<1	0.07	8	301	6	1.63	<5	<5	<0.01	<10	28	<100	<2	4	25	2	2108
182605	RRR089633	0.330	2	0.65	7	<10	80	<2	5	2.24	6	5	74	380	1.80	0.23	8	0.51	554	<1	0.08	8	320	6	1.60	<5	<5	0.02	<10	34	<100	<2	4	16	2	1379
182606	RRR089634	0.203	<1	0.81	7	12	102	<2	7	2.92	<4	4	71	154	1.63	0.26	11	0.77	661	<1	0.10	7	349	5	1.22	<5	<5	0.02	<10	48	<100	<2	6	<10	2	645
182607	RRR089635	0.125	<1	0.77	6	<10	90	<2	2	2.72	<4	8	74	52	2.08	0.23	11	0.55	538	<1	0.10	9	332	5	1.86	<5	<5	0.02	<10	44	<100	2	5	<10	2	715
182608	RRR089636	0.167	<1	0.79	7	<10	76	<2	<1	2.75	4	6	72	77	1.48	0.19	15	0.69	586	<1	0.09	8	342	4	1.00	<5	<5	0.02	<10	40	<100	<2	6	12	2	1046
182609	RRR089637	0.219	<1	0.99	9	<10	77	<2	<1	3.35	<4	8	72	82	1.86	0.19	22	0.58	543	<1	0.10	8	314	4	1.43	<5	<5	0.02	<10	45	<100	2	6	11	2	843
182610	RRR089638	0.107	<1	0.91	6	<10	61	<2	2	2.49	6	6	70	120	1.84	0.16	20	0.69	496	2	0.10	9	315	5	1.43	<5	<5	0.02	<10	41	<100	<2	6	18	2	1436
182611	RRR089639	0.043	<1	0.73	5	<10	56	<2	<1	2.49	<4	5	63	33	1.82	0.15	15	0.72	488	<1	0.08	7	337	3	1.43	<5	<5	0.02	<10	36	<100	<2	6	<10	2	174
182612	RRR089640	0.087	<1	0.65	3	<10	59	<2	7	2.40	<4	5	58	116	1.87	0.18	11	0.79	442	<1	0.09	7	344	5	1.63	<5	<5	<0.01	<10	36	<100	<2	5	<10	2	139
182613	RRR089641	0.179	2	0.58	5	<10	38	<2	12	2.04	<4	6	89	250	2.26	0.15	11	0.73	407	<1	0.07	10	387	8	2.04	<5	<5	<0.01	<10	29	<100	3	4	<10	<2	496
182614	RRR089642	0.027	<1	1.06	<2	<10	45	<2	3	2.71	<4	8	88	39	2.32	0.19	24	0.92	550	3	0.10	11	432	4	1.69	<5	<5	0.02	<10	47	<100	<2	8	<10	2	91
182615D	RRR089642	0.028	<1	1.10	2	<10	47	<2	3	2.78	<4	8	89	38	2.40	0.20	25	0.95	570	4	0.10	12	444	3	1.72	<5	<5	0.02	<10	48	<100	<2	8	<10	2	93
182616	RRR089643	0.098	<1	1.18	3	<10	54	<2	2	2.95	<4	8	81	98	2.08	0.21	25	0.78	582	2	0.13	9	427	3	1.35	<5	<5	0.02	<10	67	<100	<2	9	<10	2	82
182617	RRR089644	0.072	<1	0.95	3	<10	36	<2	<1	3.06	<4	12	70	140	2.73	0.15	23	0.97	603	4	0.09	13	460	5	2.03	<5	<5	0.02	<10	56	<100	<2	10	<10	2	100
182618	RRR089645	0.087	<1	1.01	3	<10	37	<2	<1	2.31	<4	7	67	13	2.43	0.17	24	0.94	369	3	0.09	10	447	4	1.79	<5	<5	0.02	<10	40	<100	<2	7	<10	2	90
182619	RRR089646	0.057	<1	0.98	<2	<10	37	<2	<1	2.45	<4	5	60	8	1.79	0.17	22	1.08	421	2	0.11	8	380	4	1.13	<5	<5	0.02	<10	43	<100	<2	7	<10	2	100

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182620	RRR089647	0.032	<1	1.12	2	<10	43	<2	<1	2.28	<4	8	80	14	2.27	0.18	26	0.87	408	2	0.12	11	468	5	1.69	<5	<5	0.02	<10	51	<100	<2	10	<10	2	129
182621	RRR089648	0.062	<1	1.11	3	<10	35	<2	<1	2.84	<4	8	62	118	2.27	0.13	30	0.90	379	2	0.12	11	448	6	1.58	<5	<5	0.02	<10	61	<100	<2	9	<10	3	97
182622	RRR089649	0.058	<1	1.34	<2	<10	39	<2	<1	2.74	<4	7	56	53	2.38	0.14	38	0.92	417	3	0.09	10	463	3	1.15	<5	<5	0.02	<10	59	<100	<2	11	<10	2	101
182623	RRR089650	0.067	<1	1.32	<2	<10	39	<2	2	2.81	<4	9	48	36	2.46	0.15	36	0.98	473	2	0.09	10	452	5	1.11	<5	<5	0.02	<10	62	<100	4	11	<10	2	103
182624	RRR089651	0.048	<1	1.13	2	<10	40	<2	<1	2.78	<4	9	44	87	2.43	0.16	30	1.09	545	3	0.09	11	483	4	1.36	<5	<5	0.02	<10	56	<100	3	10	<10	2	114
182625	RRR089652	0.081	<1	0.53	<2	<10	34	<2	<1	2.36	<4	10	38	199	2.64	0.15	10	1.08	559	4	0.07	12	499	6	2.22	<5	<5	0.02	<10	38	<100	2	6	<10	2	147
182626D	RRR089652	0.088	<1	0.50	2	<10	32	<2	3	2.27	<4	9	37	191	2.46	0.14	9	1.04	538	4	0.07	11	472	4	2.05	<5	<5	<0.01	<10	36	<100	<2	5	<10	2	144
182627	RRR089653	0.041	<1	0.48	<2	<10	35	<2	<1	2.11	<4	7	42	50	2.20	0.17	7	0.91	433	2	0.06	10	454	4	2.00	<5	<5	<0.01	<10	31	<100	<2	5	<10	3	137
182628	RRR089654	0.034	<1	0.75	3	<10	49	<2	3	1.78	<4	10	69	93	2.84	0.26	11	0.94	387	3	0.07	15	385	7	2.65	<5	<5	0.02	<10	34	<100	<2	7	<10	3	305
182629	RRR089655	0.029	<1	0.96	3	<10	46	<2	2	1.60	<4	8	46	29	2.57	0.23	22	1.02	427	2	0.07	12	393	4	2.15	<5	<5	0.02	<10	29	<100	<2	6	<10	2	413
182630	RRR089656	0.014	<1	1.93	4	<10	33	<2	<1	0.97	<4	3	43	33	1.70	0.15	68	1.22	199	<1	0.07	12	411	4	0.43	<5	<5	0.02	<10	31	<100	2	11	<10	<2	292
182631	RRR089657	0.072	<1	1.38	5	<10	41	<2	3	1.56	<4	8	55	44	2.84	0.19	39	0.78	313	4	0.09	12	394	6	2.45	<5	<5	0.02	<10	39	<100	<2	9	<10	2	169
182632	RRR089658	0.030	<1	1.74	<2	<10	28	<2	<1	1.20	<4	6	51	63	1.99	0.12	61	1.05	239	<1	0.08	10	372	3	1.01	<5	<5	0.02	<10	36	<100	<2	10	<10	<2	224
182633	RRR089659	0.017	<1	1.12	3	<10	37	<2	4	1.83	<4	8	42	34	2.35	0.16	34	1.30	406	2	0.06	11	451	3	1.77	<5	<5	0.02	<10	34	<100	<2	7	<10	2	221
182634	RRR089660	1.474	<1	1.07	3	<10	67	<2	<1	0.58	<4	18	42	19	4.67	0.28	2	1.13	338	<1	0.48	52	779	63	2.81	<5	<5	0.02	<10	108	2759	2	36	<10	3	74
182635	RRR089661	0.026	<1	0.83	3	<10	49	<2	<1	1.71	<4	11	50	44	3.28	0.21	19	1.08	361	2	0.06	14	459	4	3.14	<5	<5	<0.01	<10	35	<100	2	7	<10	2	184
182636	RRR089662	0.032	<1	1.16	4	<10	41	<2	<1	1.26	<4	9	70	22	2.66	0.19	34	1.34	257	<1	0.05	13	414	6	2.42	<5	<5	0.02	<10	34	<100	<2	8	<10	2	123
182637D	RRR089662	0.035	<1	1.08	<2	<10	38	<2	2	1.23	<4	9	70	22	2.60	0.17	32	1.29	250	2	0.05	12	410	4	2.36	<5	<5	0.02	<10	32	<100	<2	7	<10	2	118
182638	RRR089663	0.026	<1	1.22	3	<10	35	<2	2	1.36	<4	8	104	28	2.44	0.16	38	1.52	233	<1	0.06	14	451	4	2.05	<5	<5	0.03	<10	41	<100	2	7	<10	2	102
182639	RRR089664	0.022	<1	1.11	3	<10	27	<2	<1	1.29	<4	7	72	14	2.33	0.13	37	1.49	195	<1	0.05	12	450	5	2.01	<5	<5	0.03	<10	32	<100	<2	6	<10	2	93

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Wednesday, February 2, 2011

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182640	RRR089665	0.049	<1	1.04	<2	<10	32	<2	<1	1.72	<4	7	75	11	2.33	0.17	30	1.48	247	<1	0.05	12	413	6	2.04	<5	<5	0.03	<10	35	<100	<2	6	<10	2	96
182641	RRR089666	0.022	<1	0.96	3	<10	43	<2	3	1.99	<4	8	92	6	2.43	0.22	22	1.43	350	<1	0.06	12	416	7	2.11	<5	<5	0.03	<10	37	<100	<2	6	<10	2	98
182642	RRR089667	0.016	<1	0.82	<2	<10	50	<2	<1	2.26	<4	5	76	7	2.19	0.24	16	1.31	551	2	0.06	9	473	4	1.76	<5	<5	0.02	<10	36	<100	2	6	<10	2	147
182643	RRR089668	0.018	<1	0.68	<2	<10	44	<2	5	1.07	<4	5	83	30	2.37	0.18	15	0.77	299	2	0.05	8	371	6	2.07	<5	<5	0.02	<10	23	<100	<2	4	<10	<2	354
182644	RRR089669	0.029	<1	0.74	<2	<10	56	<2	3	2.60	<4	<1	78	115	1.59	0.24	12	1.39	649	2	0.06	8	499	4	0.95	<5	<5	0.02	<10	39	<100	2	7	<10	2	241
182645	RRR089670	0.033	<1	0.57	<2	<10	51	<2	<1	2.44	<4	4	61	36	1.87	0.19	11	1.32	599	<1	0.05	9	436	4	1.32	<5	<5	0.02	<10	37	<100	3	5	<10	2	169
182646	RRR089671	0.030	<1	0.58	3	<10	49	<2	4	1.47	<4	8	77	47	2.94	0.19	11	0.96	387	<1	0.04	10	409	5	2.69	<5	<5	0.02	<10	35	<100	<2	4	<10	2	178
182647	RRR089672	0.282	<1	0.51	10	<10	100	<2	11	1.48	<4	5	82	72	3.76	0.20	7	0.40	375	<1	0.05	5	599	13	3.48	<5	<5	<0.01	<10	89	<100	3	4	<10	3	187
182648D	RRR089672	0.309	<1	0.48	7	<10	96	<2	9	1.44	<4	5	78	70	3.70	0.18	7	0.39	364	<1	0.05	5	594	11	3.45	<5	<5	<0.01	<10	86	<100	<2	4	<10	3	186
182649	RRR089673	0.038	<1	0.41	2	<10	162	<2	<1	1.76	<4	3	77	8	1.50	0.18	5	0.36	468	<1	0.07	4	681	5	0.70	<5	<5	0.02	<10	123	<100	<2	4	<10	4	59
182650	RRR089674	0.021	<1	0.49	<2	<10	48	<2	2	1.67	<4	11	76	11	3.25	0.16	11	1.05	352	<1	0.04	18	501	6	3.09	<5	<5	0.02	<10	49	<100	<2	4	<10	2	173
182651	RRR089675	0.021	<1	0.62	<2	<10	45	<2	<1	1.91	<4	10	85	8	3.06	0.17	15	1.31	375	<1	0.04	22	570	6	2.82	<5	<5	0.02	<10	49	<100	4	5	<10	2	102
182652	RRR089676	0.026	<1	0.68	<2	<10	57	<2	3	2.16	<4	8	91	9	2.67	0.22	13	1.32	376	<1	0.05	16	475	7	2.28	<5	<5	0.02	<10	63	<100	<2	5	<10	2	98
182653	RRR089677	0.020	<1	0.59	3	<10	56	<2	2	1.66	<4	6	80	14	2.72	0.19	11	0.98	403	<1	0.05	10	378	6	2.30	<5	<5	0.02	<10	44	<100	<2	4	<10	2	92
182654	RRR089678	0.019	<1	0.78	4	<10	44	<2	3	2.22	<4	9	116	15	2.91	0.18	20	1.35	457	<1	0.05	18	519	9	2.29	<5	<5	0.02	<10	64	<100	2	6	<10	3	114
182655	RRR089679	0.032	<1	1.56	4	<10	36	<2	2	1.61	<4	10	99	11	3.36	0.19	49	1.65	368	<1	0.08	21	434	7	2.28	<5	<5	0.02	<10	54	<100	2	11	<10	2	133
182656	RRR089680	0.016	<1	1.47	<2	<10	25	<2	3	1.96	<4	10	73	7	2.85	0.13	49	1.54	406	<1	0.06	21	452	6	1.80	<5	<5	0.02	<10	49	<100	<2	11	<10	2	97
182657	RRR089681	0.015	<1	1.11	2	<10	27	<2	4	2.06	<4	10	84	18	2.94	0.16	33	1.29	440	<1	0.06	21	477	7	2.24	<5	<5	0.02	<10	56	<100	4	9	<10	2	209
182658	RRR089682	0.032	<1	1.19	3	<10	26	<2	<1	2.13	<4	11	72	13	2.95	0.13	38	1.34	447	<1	0.06	22	470	8	2.19	<5	<5	0.03	<10	60	<100	2	9	<10	2	177
182659R	RRR089682	0.029	<1	1.22	3	<10	29	<2	3	2.02	<4	9	74	10	2.72	0.15	37	1.33	441	<1	0.07	20	469	7	1.94	<5	<5	0.02	<10	60	<100	<2	9	<10	2	155

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182660	RRR089683	0.040	<1	1.28	<2	<10	39	<2	4	1.74	<4	10	77	15	2.83	0.16	40	1.46	414	<1	0.06	17	441	5	1.77	<5	<5	0.02	<10	56	<100	<2	10	<10	2	231
182661	RRR089684	0.031	<1	1.26	3	<10	58	<2	<1	1.23	<4	9	106	23	3.10	0.17	39	1.48	490	<1	0.04	13	384	6	1.90	<5	<5	0.02	<10	35	<100	<2	11	<10	3	245
182662	RRR089685	0.070	<1	2.48	4	<10	49	<2	4	1.44	<4	21	88	39	6.18	0.14	87	2.37	927	<1	0.03	27	551	13	2.76	<5	<5	0.02	<10	39	<100	2	82	<10	4	513
182663	RRR089686	0.046	<1	0.93	5	<10	57	<2	4	0.56	<4	11	66	29	3.18	0.18	25	0.76	279	<1	0.04	13	341	7	2.42	<5	<5	0.02	<10	18	<100	<2	6	<10	2	155
182664	RRR089687	0.008	<1	1.33	<2	<10	58	<2	<1	2.34	<4	8	77	9	2.40	0.19	41	1.61	758	<1	0.05	15	434	6	0.74	<5	<5	0.02	<10	43	<100	<2	10	<10	2	160
182665	RRR089688	0.027	<1	1.07	2	<10	47	<2	<1	1.22	<4	6	68	5	2.22	0.16	30	0.93	427	<1	0.05	12	357	3	1.16	<5	<5	0.02	<10	27	<100	<2	6	<10	2	122
182666	RRR089689	0.042	<1	0.54	5	<10	63	<2	<1	0.62	<4	7	79	10	2.57	0.17	10	0.42	164	<1	0.06	13	328	6	2.28	<5	<5	<0.01	<10	19	<100	<2	3	<10	<2	76
182667	RRR089690	0.054	<1	0.47	6	<10	83	<2	8	0.89	<4	7	87	85	3.20	0.18	6	0.44	225	<1	0.06	13	296	8	3.05	<5	<5	<0.01	<10	23	<100	<2	3	<10	<2	128
182668	RRR089691	0.014	<1	0.58	4	<10	50	<2	<1	1.82	13	8	63	33	2.49	0.17	11	0.87	581	<1	0.05	12	398	4	1.93	<5	<5	<0.01	<10	26	<100	<2	4	26	2	2162
182669	RRR089692	0.051	<1	0.79	<2	<10	44	<2	<1	1.76	<4	7	60	15	2.20	0.17	20	0.94	522	<1	0.05	11	388	6	1.25	<5	<5	0.02	<10	26	<100	<2	5	<10	2	115
182670D	RRR089692	0.051	<1	0.88	2	<10	52	<2	<1	1.81	<4	8	67	15	2.28	0.20	21	0.97	537	<1	0.06	12	412	3	1.30	<5	<5	0.02	<10	28	<100	2	5	<10	2	120
182671	RRR089693	0.015	<1	0.67	2	<10	48	<2	<1	1.21	<4	6	60	20	2.08	0.19	13	0.74	378	<1	0.06	8	330	5	1.48	<5	<5	0.02	<10	21	<100	<2	4	<10	<2	87
182672	RRR089694	0.028	<1	0.63	2	<10	45	<2	<1	0.67	<4	5	70	79	1.79	0.19	12	0.45	255	2	0.05	8	276	3	1.31	<5	<5	<0.01	<10	16	<100	<2	3	<10	<2	84
182673	RRR089695	0.075	<1	1.40	3	<10	45	<2	<1	1.77	<4	5	81	248	2.72	0.21	40	1.14	549	<1	0.06	13	428	6	1.19	<5	<5	0.02	<10	28	<100	4	8	<10	2	165
182674	RRR089696	0.071	<1	1.09	4	<10	35	<2	<1	1.68	<4	6	83	162	2.13	0.17	31	0.96	440	<1	0.05	12	401	4	0.98	<5	<5	0.02	<10	30	<100	<2	6	<10	2	124
182675	RRR089697	0.021	<1	0.91	2	<10	47	<2	<1	2.21	<4	7	80	28	2.33	0.19	23	0.87	500	<1	0.06	11	400	6	1.45	<5	<5	0.02	<10	42	<100	<2	6	<10	2	111
182676	RRR089698	0.024	<1	0.94	3	<10	47	<2	<1	3.10	<4	8	70	58	2.64	0.18	22	1.07	790	<1	0.06	15	479	7	1.43	<5	<5	0.02	<10	54	<100	<2	8	<10	4	125
182677	RRR089699	0.031	<1	1.26	<2	<10	68	<2	<1	3.32	<4	7	71	56	2.35	0.22	27	0.87	545	<1	0.09	11	465	7	0.80	<5	<5	0.02	<10	82	<100	2	10	<10	2	105
182678	RRR089700	4.912	<1	1.01	18	<10	98	<2	<1	0.61	<4	16	37	23	4.78	0.25	3	0.92	326	<1	0.41	47	887	74	3.11	<5	<5	0.02	<10	110	2505	<2	33	<10	3	81
182679	RRR089701	0.038	<1	1.10	3	<10	64	<2	4	3.26	<4	8	147	34	2.62	0.19	24	0.90	478	<1	0.09	16	476	7	1.21	<5	5	<0.01	<10	102	<100	<2	10	<10	2	111

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182680	RRR089702	0.018	<1	0.84	<2	<10	74	<2	<1	2.42	<4	7	161	8	2.30	0.19	16	0.81	388	<1	0.08	12	353	4	1.43	<5	<5	0.02	<10	73	<100	<2	6	<10	2	96
182681D	RRR089702	0.019	<1	0.82	<2	<10	72	<2	2	2.38	<4	6	161	8	2.28	0.19	15	0.79	381	<1	0.08	12	353	5	1.40	<5	<5	0.02	<10	72	<100	2	7	<10	2	94
182682	RRR089703	0.021	2	0.82	<2	<10	59	<2	4	2.98	<4	10	130	139	2.81	0.19	15	1.09	685	<1	0.09	16	465	7	1.88	<5	<5	0.02	<10	81	<100	<2	8	<10	3	144
182683	RRR089704	0.024	<1	1.09	<2	<10	70	<2	<1	2.66	<4	6	179	20	2.37	0.26	19	1.00	638	<1	0.09	13	425	5	1.02	<5	<5	0.02	<10	84	<100	2	8	<10	2	132
182684	RRR089705	0.052	<1	1.22	<2	<10	62	<2	<1	2.82	<4	9	191	24	2.99	0.23	23	0.99	605	<1	0.08	18	460	7	1.40	<5	<5	0.02	<10	78	<100	<2	11	<10	3	128
182685	RRR089706	0.035	<1	1.28	3	<10	69	<2	4	2.68	<4	9	222	61	2.81	0.23	26	1.01	610	<1	0.09	16	436	4	1.46	<5	<5	0.02	<10	73	<100	<2	10	<10	3	248
182686	RRR089707	0.018	<1	1.56	3	<10	39	<2	<1	2.26	<4	10	175	39	2.77	0.15	35	0.98	736	<1	0.08	15	446	8	0.85	<5	<5	0.02	<10	57	<100	<2	11	<10	3	93
182687	RRR089708	0.067	<1	1.31	6	<10	39	<2	<1	2.16	<4	10	146	113	2.94	0.16	26	0.89	695	<1	0.09	13	418	8	1.35	<5	<5	0.02	<10	76	<100	<2	9	<10	2	100
182688	RRR089709	0.020	<1	1.16	4	<10	36	<2	6	2.57	<4	8	149	20	2.88	0.16	20	0.88	745	<1	0.09	13	467	7	1.17	<5	<5	0.02	<10	82	<100	<2	9	<10	2	82
182689	RRR089710	0.023	<1	1.45	6	<10	50	<2	5	2.52	<4	10	188	31	3.18	0.23	23	0.90	776	<1	0.10	15	455	6	1.15	<5	<5	0.02	<10	76	<100	<2	10	<10	2	116
182690	RRR089711	0.045	<1	0.89	12	<10	37	<2	5	2.38	<4	7	136	24	3.14	0.17	13	0.88	817	<1	0.07	15	331	6	1.58	<5	<5	0.02	<10	54	<100	<2	6	<10	2	199
182691	RRR089712	0.046	<1	1.20	6	<10	38	<2	5	2.47	<4	9	198	45	3.01	0.20	19	0.87	741	<1	0.11	14	444	8	1.36	<5	<5	0.02	<10	69	<100	<2	9	<10	2	86
182692D	RRR089712	0.031	<1	1.13	5	<10	35	<2	4	2.36	<4	9	187	44	2.93	0.19	18	0.83	712	<1	0.10	14	419	6	1.35	<5	<5	0.02	<10	65	<100	<2	8	<10	2	82
182693	RRR089713	0.048	<1	1.30	5	<10	27	<2	2	2.33	<4	9	121	57	3.08	0.13	24	0.84	640	<1	0.08	14	425	9	1.12	<5	<5	0.02	<10	65	<100	<2	9	<10	2	100
182694	RRR089714	0.051	<1	0.99	10	<10	25	<2	2	2.63	<4	10	107	19	3.27	0.13	18	0.89	698	<1	0.07	13	431	9	1.73	<5	<5	0.02	<10	76	<100	<2	7	<10	2	91
182695	RRR089715	0.024	<1	0.99	5	<10	26	<2	<1	2.29	<4	8	131	10	2.44	0.14	19	0.75	636	<1	0.09	9	346	4	1.16	<5	<5	<0.01	<10	64	<100	<2	6	<10	2	79
182696	RRR089716	0.032	<1	0.96	9	<10	28	<2	<1	1.55	<4	7	194	11	2.31	0.15	17	0.57	510	<1	0.09	10	348	5	1.21	<5	<5	0.02	<10	46	<100	<2	6	<10	2	127
182697	RRR089717	0.016	<1	1.15	9	<10	28	<2	<1	2.26	<4	6	143	10	2.24	0.13	22	0.76	662	<1	0.10	9	345	4	0.85	<5	<5	0.02	<10	48	<100	<2	6	<10	2	81
182698	RRR089718	0.030	<1	0.80	10	<10	42	<2	3	2.28	<4	11	131	14	2.56	0.15	13	0.81	752	<1	0.08	11	400	6	1.44	<5	<5	<0.01	<10	40	<100	2	5	<10	3	89
182699	RRR089719	0.034	<1	1.03	9	<10	79	<2	3	2.50	<4	9	176	24	2.50	0.22	15	0.93	812	<1	0.10	12	438	5	1.07	<5	<5	0.02	<10	45	<100	<2	7	<10	3	135

PROCEDURE CODES: ALP1, ALFA1, ALAR1, AlSu1

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Wednesday, February 2, 2011

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Email: rrr@vianet.on.ca

Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182700	RRR089720	0.036	<1	0.98	15	<10	80	<2	<1	2.40	<4	9	167	15	2.98	0.23	13	0.90	785	<1	0.10	15	463	5	1.71	<5	<5	0.02	<10	45	<100	<2	9	<10	3	112
182701	RRR089721	0.023	<1	1.03	6	<10	42	<2	<1	1.89	<4	8	149	18	2.61	0.18	17	0.84	715	<1	0.08	9	357	7	1.18	<5	<5	0.02	<10	37	<100	<2	6	<10	2	138
182702	RRR089722	0.030	<1	1.17	7	<10	49	<2	4	2.13	<4	13	165	28	3.22	0.21	18	0.95	823	2	0.08	15	383	7	1.55	<5	<5	0.02	<10	40	<100	<2	9	<10	2	173
182703D	RRR089722	0.030	<1	1.04	7	<10	44	<2	3	1.92	<4	13	145	25	2.93	0.19	16	0.86	741	<1	0.07	13	344	6	1.43	<5	<5	0.02	<10	36	<100	<2	8	<10	2	155
182704	RRR089723	0.023	<1	1.22	5	<10	45	<2	2	1.90	<4	9	173	12	2.45	0.19	19	0.79	765	<1	0.09	9	349	6	0.78	<5	5	0.02	<10	38	<100	2	7	<10	2	86
182705	RRR089724	0.049	<1	1.38	9	<10	71	<2	3	2.43	<4	10	151	96	2.87	0.23	21	0.80	926	<1	0.08	11	369	7	1.15	<5	<5	0.02	<10	44	<100	<2	8	<10	2	303
182706	RRR089725	0.015	<1	1.50	6	<10	53	<2	<1	2.77	<4	9	140	16	2.29	0.15	29	0.89	610	<1	0.09	13	400	5	0.44	<5	<5	0.02	<10	46	<100	2	10	<10	2	123
182707	RRR089726	0.013	<1	1.50	4	<10	66	<2	<1	2.53	<4	7	183	10	2.12	0.18	30	0.86	484	<1	0.09	14	404	7	0.33	<5	<5	<0.01	<10	48	<100	<2	11	<10	2	126
182708	RRR089727	0.015	<1	1.28	3	<10	58	<2	<1	2.29	<4	6	178	10	1.89	0.15	24	0.75	391	<1	0.08	13	346	8	0.30	<5	<5	0.02	<10	44	<100	<2	10	<10	2	101
182709	RRR089728	0.011	<1	1.25	5	<10	49	<2	<1	2.17	<4	6	205	8	1.75	0.14	22	0.75	350	<1	0.10	14	342	8	0.26	<5	<5	0.02	<10	50	<100	<2	10	<10	2	97
182710	RRR089729	0.019	<1	1.96	10	<10	80	<2	<1	3.11	<4	7	236	10	2.29	0.25	33	1.13	532	<1	0.17	15	368	8	0.35	<5	<5	0.03	<10	88	<100	2	14	<10	2	100
182711	RRR089730	0.025	<1	1.40	4	<10	48	<2	<1	2.83	<4	7	214	11	2.06	0.14	26	0.96	448	<1	0.10	15	365	9	0.34	<5	<5	0.02	<10	85	<100	2	10	<10	2	88
182712	RRR089731	0.026	<1	0.95	3	<10	57	<2	<1	2.49	<4	6	192	15	1.79	0.16	14	0.65	344	<1	0.10	12	362	6	0.20	<5	<5	0.02	<10	78	<100	<2	8	<10	2	78
182713	RRR089732	0.046	<1	0.97	3	<10	53	<2	<1	2.63	<4	6	156	16	1.82	0.15	16	0.67	338	<1	0.09	12	364	5	0.20	<5	<5	<0.01	<10	90	<100	<2	8	<10	2	69
182714D	RRR089732	0.018	<1	0.98	<2	<10	52	<2	<1	2.67	<4	6	156	16	1.84	0.14	16	0.68	344	<1	0.09	12	377	4	0.20	<5	<5	<0.01	<10	90	<100	<2	8	<10	2	71
182715	RRR089733	0.015	<1	1.33	3	<10	45	<2	<1	3.10	<4	5	102	11	1.88	0.14	25	0.78	350	<1	0.11	11	384	7	0.14	<5	<5	0.02	<10	83	<100	<2	8	<10	2	76
182716	RRR089734	0.021	<1	1.15	6	<10	41	<2	<1	2.59	<4	6	104	9	1.98	0.17	21	0.97	488	<1	0.10	12	395	6	0.34	<5	<5	0.02	<10	49	<100	<2	7	<10	2	83
182717	RRR089735	0.024	<1	0.97	6	<10	37	<2	<1	2.30	<4	5	94	10	1.72	0.16	18	0.90	469	<1	0.08	10	368	7	0.36	<5	<5	0.02	<10	41	<100	<2	6	<10	<2	104
182718	RRR089736	0.136	<1	0.91	12	<10	39	<2	2	2.60	<4	4	118	10	1.79	0.17	16	0.98	531	<1	0.09	11	364	9	0.43	<5	<5	0.02	<10	46	<100	<2	6	<10	2	87
182719	RRR089737	0.024	<1	1.05	8	<10	44	<2	2	2.30	<4	4	109	14	1.74	0.19	20	0.92	515	<1	0.09	10	350	8	0.35	<5	<5	0.02	<10	45	<100	<2	6	<10	<2	81

PROCEDURE CODES: ALP1, ALFA1, ALAR1, AlSu1

Certified By: Jason Moore, General Manager

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Date Received: 07/13/2010
Date Completed: 07/22/2010
Job #: 201042616
Reference: NR10-521
Sample #: 258

Acc #	Client ID	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 %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
182720	RRR089738	0.046	<1	1.39	7	<10	51	<2	<1	3.14	<4	6	114	18	2.10	0.19	29	1.07	624	<1	0.12	12	395	11	0.36	<5	<5	0.02	<10	75	<100	<2	8	<10	2	97
182721	RRR089739	0.074	<1	1.01	15	<10	42	<2	<1	2.23	<4	8	141	23	1.71	0.18	20	0.95	551	<1	0.09	16	353	18	0.39	<5	<5	0.02	<10	47	<100	2	10	<10	<2	138
182722	RRR089740	<0.005	<1	0.65	4	<10	92	<2	<1	1.57	<4	10	194	24	2.25	0.27	14	0.72	318	<1	0.17	28	2410	10	<0.01	<5	<5	0.03	<10	228	2444	<2	65	<10	12	47
182723	RRR089741	0.049	<1	1.12	7	<10	39	<2	<1	2.32	<4	6	137	25	1.68	0.17	24	0.93	398	<1	0.09	12	348	15	0.27	<5	<5	0.02	<10	46	<100	<2	6	<10	<2	102
182724	RRR089742	0.031	<1	1.18	6	<10	40	<2	<1	2.43	<4	5	111	22	1.63	0.19	26	0.93	415	<1	0.11	12	336	16	0.20	<5	<5	0.02	<10	59	<100	<2	7	<10	<2	145
182725R	RRR089742	0.046	<1	1.31	5	<10	45	<2	<1	2.74	<4	6	127	24	1.84	0.20	29	1.04	462	<1	0.11	14	379	15	0.22	<5	<5	0.02	<10	66	<100	<2	8	<10	<2	150
182726	RRR089743	0.033	<1	1.48	8	<10	37	<2	<1	2.63	<4	16	156	17	2.55	0.16	33	1.43	1015	<1	0.08	22	520	16	0.34	<5	<5	0.02	<10	74	<100	<2	13	<10	3	203
182727	RRR089744	0.038	<1	1.42	6	<10	45	<2	<1	1.71	<4	15	219	20	2.47	0.18	30	1.21	926	<1	0.09	22	495	6	0.45	<5	<5	0.02	<10	49	<100	3	14	<10	3	149
182728	RRR089745	0.032	<1	1.21	6	<10	38	<2	2	2.31	<4	14	197	29	2.82	0.14	26	1.26	1152	<1	0.07	23	524	9	0.72	<5	<5	0.02	<10	51	<100	3	12	<10	3	148
182729	RRR089746	0.042	<1	1.57	6	<10	54	<2	4	2.52	<4	14	217	17	2.94	0.21	32	1.56	1266	<1	0.09	28	577	10	0.42	<5	<5	0.03	<10	52	<100	2	18	<10	3	295
182730	RRR089747	0.070	<1	1.43	8	<10	48	<2	4	2.28	<4	14	189	15	2.93	0.20	29	1.32	1207	<1	0.08	26	559	9	0.64	<5	<5	0.02	<10	45	<100	<2	14	<10	3	302
182731	RRR089748	0.013	<1	1.13	5	<10	40	<2	<1	2.50	<4	7	177	10	2.38	0.15	25	1.15	1133	<1	0.07	21	521	7	0.23	<5	<5	0.02	<10	41	<100	<2	10	<10	3	249
182732	RRR089749	0.062	<1	1.46	14	<10	38	<2	<1	4.89	<4	13	172	41	5.55	0.16	28	1.67	2458	<1	0.05	24	484	15	1.14	<5	<5	0.02	<10	83	161	2	43	<10	4	191
182733	RRR089750	0.415	<1	3.64	41	<10	16	<2	15	3.75	6	43	104	159	14.21	0.05	73	1.89	2407	2	0.02	39	563	27	4.55	<5	<5	0.02	<10	64	772	4	217	<10	7	355
182734	RRR089751	0.040	<1	2.61	10	<10	24	<2	7	2.85	<4	53	95	150	7.86	0.09	49	1.66	1983	<1	0.03	51	667	14	1.60	<5	7	0.02	<10	41	919	<2	158	<10	7	205
182735	RRR089752	0.051	<1	2.06	11	<10	38	<2	3	2.69	<4	50	115	103	6.20	0.14	39	1.06	1460	<1	0.05	56	801	10	0.94	<5	<5	0.03	<10	36	1104	4	154	<10	10	148
182736D	RRR089752	0.047	<1	2.21	14	<10	43	<2	3	2.85	<4	53	125	110	6.60	0.16	41	1.12	1540	<1	0.05	59	841	12	0.99	<5	<5	0.02	<10	39	1425	<2	167	<10	12	160
182737	RRR089753	0.029	<1	2.87	5	<10	40	<2	7	2.93	<4	47	90	93	7.99	0.15	48	1.30	1663	2	0.04	59	792	12	0.51	<5	<5	0.03	<10	41	1425	3	190	<10	12	174
182738	RRR089754	0.044	<1	3.22	6	<10	23	<2	15	4.31	6	57	116	112	14.37	0.08	49	1.47	2813	2	0.03	45	628	22	1.22	<5	<5	0.02	<10	63	1221	2	288	<10	11	209
182739	RRR089755	0.008	<1	3.85	2	<10	20	<2	16	5.05	7	54	84	74	16.13	0.05	72	1.97	3008	<1	0.03	45	625	28	0.46	<5	<5	0.02	<10	92	1673	<2	317	<10	15	244

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182740	RRR089756	0.038	<1	2.98	<2	<10	28	<2	9	4.39	5	45	97	81	11.00	0.10	47	1.44	2334	<1	0.03	46	652	18	0.58	<5	<5	0.03	<10	54	1377	2	244	<10	13	198
182741	RRR089757	0.086	<1	2.42	6	<10	50	<2	7	3.25	<4	49	82	77	8.63	0.19	34	1.36	1876	2	0.04	59	915	15	1.45	<5	<5	0.02	<10	37	1395	4	189	<10	16	174
182742	RRR089758	0.036	<1	3.26	7	<10	16	<2	10	4.13	6	64	98	113	12.99	0.06	44	1.72	2403	2	0.03	45	692	20	2.61	<5	<5	0.03	<10	34	1199	2	261	<10	12	233

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APPENDIX 3 - Drill Sections and Plan

DDH Location Map (1:5 000)

Section 424800 (1:1 000)

424000 mE

425000 mE

426000 mE

Magnetic Declination of 0° 52' E

N

11912

17110

11409

Hwy 600

5410000 mN

4950

NR10521

NR10-519

5939

14407

14408

14462

Rainy River Resources

Richardson Township
DIAMOND DRILL
PLAN MAP

Date:16/1/2011

Author:

Office:

Drawing:

Scale: 1:5000 Projection: UTM Zone 15 (NAD 83)

0 75 150 300

metres

NR10519

NR10521

NR08240

5409800mN

5409900mN

5410000mN

5410100mN

300mRL

200mRL

100mRL

0mRL

Au (ppb)

Au (ppb)

14

13

11c
Fault Zone

10a
Granitic Dyke (late)

10c
Quartz Porphyry (late)

10e
Feldspar Porphyry (late)

9a
Mafic Dyke (early)

8
Felsic to Intermediate Intrusive (early)

8e
Quartz-Feldspar Porphyry (Georgeson Porphyry)

8c
Quartz Porphyry

8g
Aphyric Intrusion

7
Mafic Intrusive (early)

7ac
Gabbro

5dd
Polymitic Volcanic Pebble to Cobble Conglomerate

4a
Felsic Flow, massive

4aa
Quartz Porphyritic, fractured to autobrecciated massive (locally amygdaloidal lava flows)

4ab
Quartz-Feldspar Porphyritic Massive Flow

4b
Pyroclastic Flow

4c
Felsic Tuff

4ac
Feldspar Porphyritic Massive Flow

4cc
Feldspar Crystal Tuff

4cfa
Felsic Lapilli Tuff

4cfb
Felsic Lapilli Tuff to Tuff Breccia

4cga
Heterolithic Lapilli Tuff

3
Intermediate Volcanics (unsubdivided)

2a
Mafic Volcanic Flow (massive)

2b
Mafic Pillowed Flow

2c
Mafic Volcanic Tuff

2ad
Amygdaloidal Pillowed Flow

2ae
Porphyritic Massive Flow

416m

445m

Rainy River Resources

SECTION 424780mE

DIAMOND DRILL HOLE

NR10-519 & NR10-521

Date: 16/1/2011

Author:

Office:

Drawing:

Scale: 1:1000

Projection: NtmPath (meters)

0 10 20 40

metres

APPENDIX 4 - Sample Prep and Analytical Procedures

The rock samples are first entered into Accurassay Laboratories Local Information System (LIMS). The samples are dried, if necessary and then jaw crushed to –8mesh, riffle split, a 250 to 400 gram cut is taken and pulverized to 90%-150 mesh, and then matted to ensure homogeneity. Silica sand is used to clean out the pulverizing dishes between each sample to prevent cross contamination. For soils the sample is dried and screened through –80 mesh. The –80 portion is fired in the assay lab. For humus, it is dried and the entire sample is blended until larger parts are broken down and then sent to fire assay. The homogeneous sample is then fired in the fire assay lab. The sample is mixed with a lead based flux and fused for an appropriate length of time. The fusing process results is a lead button, which is then placed in a cupelling furnace where all of the lead is absorbed by the cupel and a silver bead, which contains any gold, platinum and palladium, is left in the cupel. The cupel is removed from the furnace and allowed to cool. Once the cupel has cooled sufficiently, the silver bead is placed in an appropriately labeled small test tube and digested using a 1:3 ration of nitric acid to hydrochloric acid. The samples are bulked up with 1.0 mls of distilled deionized water and 1.0 mls of 1% digested lanthanum solution. The total volume is 3.0 mls. The samples cool and are vortexed. The contents are allowed to settle. Once the samples have settled they are analyzed for gold, platinum and palladium using atomic absorption spectroscopy. The atomic absorption spectroscopy unit is calibrated for each element using the appropriate ISO 9002 certified standards in an air-acetylene flame. The results for the atomic absorption are checked by the technician and then forwarded to data entry by means of electronic transfer and a certificate is produced. The Laboratory Manager checks the data and validates it if it is error free. The results are then forwarded to the client by fax, email, floppy or zip disk, or by hardcopy in the mail. NOTE: This method may be altered according to the client's demands. All changes in the method will be discussed with the client and approved by the laboratory manager.

Base metal samples are prepped in the same way as precious metals but are digested using a multi acid digest (HNO_3, HF, HCl). The samples are bulked up with 2.0 mls of hydrochloric acid and brought to a final volume of 10.0 mls with distilled deionized water. The samples are vortexed and allowed to settle. Once the samples have settled they are analyzed for copper, nickel and cobalt using atomic absorption spectroscopy.

Quality Control

Accurassay Laboratories employs an internal quality control system that tracks certified reference materials and in-house quality assurance standards. Accurassay Laboratories uses a combination of reference materials, including reference materials purchased from CANMET, standards created in-house by the laboratory, and certified calibration standards. Should any of the standards not fall within an acceptable range, reassays will be performed with a new certified reference material. The number of reassays depends on how far the certified reference material falls outside it's acceptable range.

Additionally, Accurassay Laboratories verifies the accuracy of any measuring or dispensing device (i.e scales, dispensers, pipettes, etc.) on a daily basis and are corrected as required.