

Rimfire Minerals Corporation  
**2007 Geological and Geochemical Report on  
Patti Walker Group Project;  
Copper Starr Claims**

Omineca Mining Division  
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127° 18' 44.40" West Longitude

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# 1 Summary

A reconnaissance mapping, prospecting and surface geochemical survey was conducted on the Copper Starr claims by Rimfire Minerals Corporation. Rock samples with anomalous Mo concentrations were collected from localities in the southeastern part of the property. The soil sampling survey over the Copper Starr showing defined anomalous concentrations of Au, Ag, Cu and Mo. The Jurassic dioritic intrusive which hosts the Copper Starr showing is interpreted to have intruded the lower sequence of the Telkwa formation. Au–Ag–Cu and Mo mineralization in the dioritic intrusive is interpreted to be related to Early Tertiary shearing in the region. The Au–Ag–Cu anomaly as defined by the 2007 soil survey remains open to the west. The origin and extent of Mo mineralization in the southeastern part of the property is not constrained.

## 2 Introduction

The Patti Walker Group (PWG) project consists of four properties, from north to south the properties are the Copper Starr, Lynx, Fire Cat and Tess (Figure 1). The properties were optioned by Rimfire Minerals Corporation (RFM) from Smithers, BC. area prospector Patti Walker who had staked the claims based upon Cu and, or Au mineralized outcrop and float samples. Exploration was directed at the property's potential for hosting Huckleberry-style Cu + Mo ± Au porphyries. Work conducted by RFM on the Copper Starr claims is reported herein.

## 3 Property Title

The Copper Starr property is within the Omineca mining division (Figure 2). The property consists of two Mineral Tenures Online claims adding up to 7.7 km<sup>2</sup> total (Table 1). The Copper Starr Claims are owned 100 % by Patti Walker<sup>1</sup>

Claim Names	Tenure No.	Area (km <sup>2</sup> )	Expiry Date
Copper Starr	545216	3.02	Dec. 31, 2010
Copper Starr 2	554293	4.71	Dec. 31, 2007

Table 1: Claim Data

## 4 Location, Access, and Geography

The Copper Starr property lies in the Hazelton Mountains of the Bulkley Range near Houston, BC. The property is approximately 40 km west of Houston, B.C. with the main showing centred at 54° 20' 57.54" north and 127° 18' 44.4" west. The property may be accessed by British Columbia forestry services roads from Houston, B.C. The property is situated along the Chisholm forestry service road, extending from the Morice–Owen forestry service road which begins approximated 2.5 km west of Houston, B.C. along Highway 16.

The Copper Starr property is adjacent Loljuh Creek a tributary of Thautil River which drains into the Morice River approximately 16 km to the south. Topography in the area is hilly with rolling ridges incised by steep river valleys. Elevation varies from 975 m near Loljuh creek to 1350 m in the southeastern area

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<sup>1</sup>Copper Starr Claims were transferred to RFM in April, 2007 but have subsequently been returned to Patti Walker since the time of this report.

of the property. Quaternary glacial cover was not noted for this area according to B.C. Geological Survey mapping, however, minor till cove was noted in some areas of the property. In general, low areas are covered by marshes and fluvial sediment, while intermediate elevations are mostly covered by colluvium or minor glacial material; there is minimal outcrop exposure at these elevations other than in road-cuts. In this area, outcrops are abundant along high valley walls and ridge tops. Vegetation cover in this area is moderately dense consisting of buck brush ground cover and lodge pole pine trees. Summer and winter temperatures are moderate although several metres of snow commonly falls in the winters. The property can be worked on from early June until mid-October.

## 5 Property Exploration History

### 5.1 Previous Work

No previous exploration work had been conducted on the property as indicated by British Columbia Ministry of Energy and Mines Minfile and Assessment report records. The property was prospected and staked by Patti Walker in November, 2006.

### 5.2 2007 Exploration Program

In the summer of 2007 surface geochemistry, prospecting and mapping was conducted on the Copper Starr property, work was distributed over two field visits. The number of rock, soil and silt samples collected and the total number of days worked on the property is summarized in Table 2. The first field visit from September 7 - 9, 2007 consisted of mapping, rock chip sampling and soil sampling over the main showing and enclosing intrusive as mapped by the B.C. Geological Survey, as well as silt sampling in the southeastern area of the property (Figure 2). The second visit from October 9 - 10, 2007 consisted of further prospecting and soil sampling in the southeastern part of the property and infill soil sampling over the main showing area (Figure 2).

Number of Samples			
Rock	Soil	Silt	Field Days
10	103	6	4

Table 2: Tally of rock, soil, silt and the number of days worked (not including travel days) on the Copper Starr property in 2007.

## 6 Regional Geology

The Thautil River map area, NTS map sheet 93L/6, which encloses the Copper Starr property was mapped at 1:50 000 scale in 1989 by Desjardins et al. (1990) as part of the Telkwa project. The Thautil, Skeena and Ashman sedimentary units (Table 3) were studied by Hunt (1992) as part of a Master's thesis study at the University of British Columbia, Vancouver, B.C.

Regionally, the Copper Starr property is part of the Stikine Terrane (Desjardins et al., 1990) which consists of Triassic island arc assemblages, Lower to Middle Jurassic volcanoclastics and marine sediments, Upper Jurassic to Lower Cretaceous sediments, and Late Cretaceous to Tertiary volcanic arc assemblages (see Table 3). Three major magmatic events were defined for this region by Carter (1981) using K–Ar radiogenic age dating; Late Triassic to Early Jurassic Topley intrusions, Middle to Late Cretaceous Bulkley intrusions, and Eocene Babine intrusions (Table 3).

Three major tectonic events have been identified for the Thautil River region (Desjardins et al., 1990). In the earliest event, the convergence of Jurassic calc-alkaline island-arc and associated back-arc assemblages during the Middle to Late Cretaceous resulted in the evolution of a Andean-style volcanic arc in the present-day Coast Mountains region of B.C. Following this collisional event, the shifting of tectonic stresses in the Late Cretaceous to a trans-tensional regime led to the development of basin-and-range style geomorphology in the region. This structural regime was further modified in the Late Cretaceous to Early Tertiary by a northeasterly shearing event, leading to the tilting of Late Cretaceous fault blocks to the southeast. These three tectonic events and temporally related intrusive events are associated with porphyry Cu + Mo deposits in the region (Carter, 1981).

### 6.1 Telkwa Formation

Mapping by Desjardins et al. (1990) in the Thautil River region expanded upon the definition of the Telkwa formation as described by Tipper and Richards (1976). The Telkwa formation of the Hazelton group is the primary lithology underlying the Copper Starr property. The details of the 1989 mapping are only briefly summarized here.

Lower Jurassic volcanics in the Telkwa Range, B.C. is the type-locality for the Telkwa formation volcanics. The formation consists of sub-aerial and marine volcanics, and marine sediments representative of a volcanic-arc assemblage. The Telkwa formation as defined by Desjardins et al. (1990) can be subdivided into five (5) distinct lithostratigraphic units. In order from bottom to top the units are, an andesitic

## 6.2 Huckleberry Deposit

The Huckleberry mine, located 123 km southwest of Houston, B.C. is an open-pit Cu–Mo mine in commercial production since 1997 (Hancock, 2006). The mine is owned and operated by Huckleberry Mines Ltd. with a 50 % interest by Imperial Metals Corporation (Imperial Metals Corporation, 2007a). Copper mineralization in the Huckleberry mine area was first discovered in 1962 by Kennco Explorations (Western) Limited after following up anomalous stream sediment geochemistry (Imperial Metals Corporation, 2007b).

Mineralization at the Huckleberry deposit is characterised by typical calc-alkalic, Cu–Mo type porphyry mineralization hosted in granodioritic and quartz monzonitic intrusive rocks of the Upper Cretaceous Bulkley intrusive suite and surrounding volcanics (Imperial Metals Corporation, 2007b). Mineralization in the Main and East Zone deposits is contained within altered volcanic rocks of the Jurassic Hazelton Group (Roney and Myers, 1990). Copper mineralization occurs as fine to medium grained, aggregate filling veinlets and fractures of chalcopyrite, and as fine grained disseminations in envelopes around veinlets. Molybdenum mineralization occurs as disseminations and clusters of molybdenite, within quartz or gypsum veins. Cu and Mo mineralization in the Main and East Zones are interpreted to have deposited in separate mineralizing events, with Cu being the former event (Imperial Metals Corporation, 2007b).

The combined probable reserve estimates for the East and Main Zone Extension of the Huckleberry mine as of December 31, 2006 are as summarized in Table 5. Values are cited from Imperial Metals Corporation (2007b).

<b>Zone</b>	<b>Ore (tonnes)</b>	<b>Cu %</b>	<b>Mo %</b>
East Zone	4, 503, 000	0.530	0.016
Main Zone Extension	17, 410, 000	0.366	0.005
Total	21, 913, 000	0.400	0.007

Table 5: Probable reserve estimates for Huckleberry mine as of December 31, 2007 (Imperial Metals Corporation, 2007b)

## 7 Property Geology

### 7.1 Stratigraphy and Structure

The Copper Starr property is primarily underlain by the Lower Jurassic Telkwa formation of the Hazelton group. The definition and descriptions of the Telkwa formation is summarized in Section 6.1.



Period	Epoch	Type	Group	Formation	Description
Tertiary	Paleocene to Miocene	Layered		Thautil	basalt flows, breccia siliciclastics
	Paleocene to Eocene	Intrusive		Babine	undivided granitic intrusions
Cretaceous	Middle, Upper	Intrusive	Skeena	Bulkley	undivided granitic intrusions siliciclastics
	Lower	Layered			
Jurassic	Middle, Upper	Layered	Bowser Lake	Ashman	marine sediments
	Middle	Layered	Hazelton	Smithers	fossiliferous siliciclastics
		Layered		Nilkitkwa	tephra
	Lower	Layered		Telkwa	volcanics, shallow marine sediments
		Intrusive		Topley	undivided granitic intrusions

Table 3: Summary of regional geology from Thautil River map area after Desjardins et al. (1990).

pyroclastic unit; basalt flow unit; siliceous pyroclastic unit; shallow marine sedimentary unit; basalt-red tuff unit. See Table 4 for an extended legend of this sequence and Desjardins et al. (1990) for a more detailed description of each unit.

LOWER JURASSIC (SINEMURIAN TO LOWER PLEINSBACHIAN)

Symbol	Unit	Description
IJTe	Basalt-Red Tuffs	well bedded, brick red air fall tuff
IJTd	Shallow Marine Sediments	well bedded limestone, calcareous sandstone, siltstone
IJTc	Siliceous Pyroclastics	well bedded quartz-feldspar phyric volcanoclastics and lava flows
IJTb	Basaltic Flows	massive maroon to green augite and feldspar phyric to aphyric basalt flows
IJTa	Andesitic Pyroclastics	andesitic volcanoclastics

Table 4: Extended legend outlining the lithostratigraphic units of the Telkwa formation with abbreviated descriptions after Desjardins et al. (1990).

Outcrop exposure on the Copper Starr property is limited due to colluvial and scattered glacial cover. However, where exposed along road-cuts and steep sided river valleys the predominant country rock is a red-brown, weakly clay altered, andesitic tuff-breccia. The andesitic tuff-breccia is poorly sorted, with angular feldspar phyrlic fragments supported in a massive tuff matrix.

The andesitic tuff-breccia is intruded by an unnamed Upper Jurassic diorite (granodiorite) and Upper Cretaceous quartz diorite of the Bulkley Intrusive Suite, as shown in Figure 3. The Copper Starr showing is hosted within the unnamed Upper Jurassic dioritic intrusive (Figure 3).

The eastern portion of the unnamed Upper Jurassic granodiorite, as mapped by the B.C. Geological Survey, is partially overlain by a medium grey, quartz, plagioclase phyrlic dacite lava. The dacitic lava is exposed at surface from the Cu Starr showing into a small river valley to the east (Figure 3). To the northeast of the showing a rock quarry has exposed a highly fractured, steeply faulted, plagioclase, olivine phyrlic basalt with strong chlorite-clay alteration, and moderate carbonate alteration. Faulting in the olivine basalt is coincident with steep northeasterly trending faults within the unnamed Upper Jurassic granodiorite at the Copper Starr showing. This local faulting is of similar orientation to a series of regional northeasterly trending faults mapped by the B.C. Geological Survey.

## **7.2 Alteration and Mineralization**

The Upper Jurassic intrusive at the Copper Starr showing (Figure 3) is a medium grained, hypidiomorphic granular, amphibole-bearing granodiorite (Figure 4). At the showing the granodiorite is cross-cut by a high-angle southwesterly striking fault. Peripheral to this fault the granodiorite exhibits weak clay and epidote alteration, moderate ankerite and chlorite alteration, and very weak potassium feldspar alteration in 2-3 cm wide envelopes along northwest-southeast trending joint sets.

Copper mineralization as observed in rock specimens and indicated by rock assay results is only observed in samples from the Copper Starr showing road cut. Copper mineralization occurs in centimetre wide massive nodules of pyrite with chalcopyrite in sheared, ankerite altered granodiorite and as dusty, disseminated chalcopyrite enveloping siderite veins (Figure 4). Zones of copper mineralization may be indicated by surficial azurite staining of rocks.

## 8 Geochemistry

### 8.1 Rock Geochemistry

In the 2007 prospecting and mapping program four 2 m long chip samples were taken from the Copper Starr showing (Figure 4). Two float samples of gossanous and pyrite mineralized float were taken from the river valley below the Upper Cretaceous Bulkley intrusive in the eastern part of the property. In addition 4 grab samples were taken from various gossanous outcrops around the Copper Starr showing area.

#### 8.1.1 Methods

Rocks were processed and analysed by ALS Chemex Ltd. in North Vancouver, B.C. Au concentrations in rock samples were acquired by fire assay and ICP–AES from a nominal 30 g sample. Samples were also analysed for forty-one (41) trace elements by ultra-trace ICP-MS and ICP-AES using aqua regia digestion.

#### 8.1.2 Results

Chip sampling results and anomalous grab samples are summarized in Table 6. Rock sample descriptions are presented in Appendix C. Assay results and certificates of rock samples are presented in Appendix D. Location of rock samples and their Au and Cu concentrations are shown in Figures 5 and 6.

The most anomalous result from chip sampling over the Copper Starr showing is sample G001533 which returned values of 0.20 gpt Au, 20.8 gpt Ag, and 0.41 % Cu over 2 m. This sample contains anomalous As, and relatively high Bi and Te. Other rocks collected from the showing area did not return anomalous results. Float and grab samples collected from the river valley below the Upper Cretaceous Bulkley intrusive (Figure 5 and 6) contained anomalous Mo concentrations (Table 6). Float sample G001451, a strongly silicified intermediate intrusive contains 0.0729 % Mo; no other similar material was found. Grab sample G001452, a weakly silicified, gossanous mafic volcanic contains 0.0184 % Mo. This sample was taken from a gossanous outcrop measuring approximately 2 m by 3 m.

### 8.2 Soil Geochemistry

103 soil samples were collected (Table 7) from the Copper Starr property. Soil samples were collected from a grid which covered the limits of the unnamed Upper Jurassic granodiorite that hosts the Copper Starr showing (Figure 5). Soil samples over the Upper Jurassic granodiorite were collected at 100 m sample spacings in lines 200 m apart; two infill lines 100 m from previous sample lines were taken over the Copper

ID	W (m)	Host	Sulph.	Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Mo ppm	Sb ppm	Sn ppm	Te ppm	W ppm	Zn ppm
<i>Chip Samples</i>														
G001532	2	grt	2% py; 2% cyp	-1	0.04	3.7	0.11	58.2	0.6	0.16	1.7	0.04	-0.05	75
G001533	2	grt	2% py; 2% cyp	198	20.8	130.5	3.16	4140	6.61	0.57	3.7	1.05	0.07	110
G001584	2	grd		6	0.52	26	0.23	139.5	4.04	2.09	1.5	0.01	0.11	144
G001585	2	grd		4	0.61	20.9	0.15	205	12.5	1.34	1.3	-0.01	0.08	247
<i>Grab Samples</i>														
G001451		bst	2% py	1	0.13	12.1	0.15	1.53	729	0.34	0.5	0.07	0.21	64
G001452		grd	7% py	-1	0.22	1.7	0.09	0.39	184	0.06	-0.2	0.01	-0.05	153

Table 6: Summary of results from the Copper Starr showing sampling over steep southwesterly striking fault with strong ankarite, moderate chlorite and epidote alteration. grt = granite, grd = granodiorite, bst = basalt, py = pyrite, cpy = chalcopyrite, W = sample width. Negative value indicated below detection limit, where detection limit is value shown.

Starr showing area. Ridgeline soil samples were collected at a 100 m sample spacing from the area below the mapped Upper Cretaceous Bulkley intrusive in the southeastern part of the property (Figure 5).

### 8.2.1 Methods

Soil samples of approximately 0.5 kg in mass from the “B” soil horizon were collected using a mattock or shovel and put into Kraft sample bags. All samples were packed into polyurethane ore bags and rice sacks then shipped to ALS Chemex in Terrace, B.C. for sample preparation. Samples are subsequently shipped to ALS Chemex by ALS Chemex to the North Vancouver, B.C. location for geochemical analysis. Samples were dry screened to 80 mesh (180 micron) and analyzed for Au (1-10 000 ppb) by fire assay and ICP-AES from a nominal 30 g sample. Samples were also analyzed for forty-one (41) trace elements by ultra-trace ICP-MS and ICP-AES using aqua regia digestion.

### 8.2.2 Results

Assay results and certificates for soil samples are presented in Appendix F. Location of soil samples and their Au and Cu concentrations are shown in Figures 5 and 6. Summary statistics for select elements from the 2007 soil sampling survey is shown in Table 7. The correlation matrix for select elements is shown in Table 8 and plotted for Au, Cu, and Mo in Figures 7 to 9.

Interpreted margins of geochemical anomalies in soils for the Copper Starr grid from the 2007 soil sampling survey is shown in Figure 10. Survey results identified a northeasterly trending anomalous Au–Ag–Cu zone over the Copper Starr showing, the anomaly is approximately 600 m by 150 m in dimension (Figure 10). A moderate correlation exists between Au–Cu and Ag–Mn–Hg (Table 8; Figures 7 and 8); a

	CNT	MIN	MAX	MEAN	MED	RNG	STDEV	P25	P50	P75	P90	P95	P98
Au ppm	103	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.02
Ag ppm	103	0.01	1.67	0.20	0.14	1.66	0.22	0.09	0.14	0.22	0.39	0.52	0.76
As ppm	103	0.10	41.30	7.21	5.80	41.20	5.82	4.35	5.80	8.40	12.18	15.49	23.16
Bi ppm	103	0.01	0.91	0.15	0.12	0.90	0.13	0.09	0.12	0.19	0.27	0.35	0.59
Cu ppm	103	0.70	308.00	39.52	29.00	307.30	41.72	18.30	29.00	42.40	77.44	97.64	169.94
Fe %	103	0.01	9.03	4.92	5.02	9.02	1.53	4.10	5.02	5.93	6.59	7.15	7.64
Hg ppm	103	0.01	0.16	0.05	0.04	0.15	0.03	0.03	0.04	0.06	0.08	0.10	0.13
Mn ppm	103	5.00	3010.00	624.50	545.00	3005.00	422.57	397.50	545.00	706.50	1065.00	1307.50	1599.40
Mo ppm	103	0.05	12.60	1.10	0.64	12.55	1.46	0.46	0.64	1.08	2.25	3.14	4.05
Ni ppm	103	0.30	38.70	17.28	17.70	38.40	8.56	11.30	17.70	23.00	27.38	31.13	33.25
Pb ppm	103	0.50	19.40	7.72	7.60	18.90	2.98	5.90	7.60	9.15	11.58	12.67	13.70
S %	103	0.01	0.17	0.03	0.02	0.16	0.03	0.01	0.02	0.03	0.06	0.09	0.14
Sb ppm	103	0.05	0.97	0.26	0.24	0.92	0.14	0.19	0.24	0.29	0.40	0.45	0.67
Sn ppm	103	0.20	1.90	0.79	0.70	1.70	0.28	0.60	0.70	0.90	1.18	1.30	1.40
Te ppm	103	0.01	0.05	0.02	0.02	0.04	0.01	0.02	0.02	0.03	0.03	0.04	0.04
W ppm	103	0.05	0.47	0.16	0.16	0.42	0.07	0.12	0.16	0.20	0.24	0.27	0.36
Zn ppm	103	2.00	236.00	85.71	82.00	234.00	36.52	61.00	82.00	107.50	126.60	150.90	161.76

Table 7: Summary statistics of results from the 2007 Copper Starr soil sampling survey. CNT = count, MIN = minimum, MAX = maximum, MED = median, RNG = range, STDEV = standard deviation, P< # > = percentile #.

	Au	Ag	As	Bi	Cu	Fe	Hg	Mn	Mo	Ni	Pb	S	Sb	Sn	Te	W	Zn
Au	1.00																
Ag	0.44	1.00															
As	-0.05	-0.07	1.00														
Bi	0.17	0.16	-0.06	1.00													
Cu	0.33	0.44	0.16	0.18	1.00												
Fe	-0.16	-0.35	0.45	-0.16	0.06	1.00											
Hg	0.40	0.58	0.14	-0.07	0.36	0.03	1.00										
Mn	0.44	0.28	0.10	0.00	0.38	0.20	0.48	1.00									
Mo	0.19	0.21	-0.01	0.46	0.28	-0.10	0.12	0.05	1.00								
Ni	0.00	-0.08	0.33	-0.20	0.28	0.70	0.17	0.35	-0.16	1.00							
Pb	0.09	0.07	-0.13	0.51	0.03	0.01	-0.12	0.02	0.27	-0.15	1.00						
S	0.29	0.49	-0.12	-0.20	0.11	-0.30	0.40	0.08	-0.07	-0.16	-0.18	1.00					
Sb	0.04	0.17	0.07	0.13	-0.06	0.00	-0.01	-0.01	0.00	-0.14	0.56	0.08	1.00				
Sn	0.02	-0.11	-0.15	0.45	-0.18	0.01	-0.03	-0.21	0.26	-0.29	0.49	-0.04	0.24	1.00			
Te	0.13	0.15	0.30	0.48	0.18	0.11	0.16	0.10	0.25	0.16	0.33	-0.14	0.24	0.16	1.00		
W	0.05	0.04	0.07	-0.01	0.08	0.18	0.21	0.04	0.03	-0.11	0.13	0.31	0.20	0.31	0.16	1.00	
Zn	-0.02	0.04	0.19	0.11	0.18	0.50	0.19	0.35	0.02	0.49	0.34	-0.22	0.17	0.05	0.21	-0.02	1.00

Table 8: Correlation matrix of soil geochemistry from 2007 Copper Starr soil sampling survey.

weak correlation exists between Cu and Mo (Table 8; Figure 9). Anomalous concentration of Mn in soils are concentrated in a narrow east-northeasterly trending zone, approximately 1300 m by 100 m in dimension. This anomaly intersects the Au–Ag–Cu anomaly around the Copper Starr showing (Figure 10). The survey also defined a northeasterly trending Mo anomaly, approximately 900 m by 150 m in dimension (Figure 10). This anomaly also intersects the Au–Ag–Cu anomaly over the Copper Starr showing (Figure 10); the highest value for this anomaly is 12.6 ppm Mo (Table 7). Results also showed that Mo has a different chemical association than Au and Cu, that is, Mo has a stronger correlation with Bi (Figure 9) than other pathfinder elements correlative to Au and Cu.

### **8.3 Silt Geochemistry**

6 silt samples were collected from tributaries in the southeastern part of the Copper Starr property. The tributaries tested either drained from the area below the Bulkley intrusive or from the faulted region in the Telkwa formation volcanics between the unnamed and Bulkley intrusive (Figure 5).

#### **8.3.1 Methods**

Silt samples approximately 0.5 kg in mass were collected from representative stream sediments or moss-mattes. Samples were collected using a shovel or mattock and put into Kraft sample bags. All samples were packed into polyurethane ore bags and rice sacks then shipped to ALS Chemex in Terrace, B.C. for sample preparation. Samples are subsequently shipped to ALS Chemex by ALS Chemex to the North Vancouver, B.C. location for geochemical analysis. Samples were dry screened to 80 mesh (180 micron) and analyzed for Au (1-10 000 ppb) by fire assay and ICP-AES from a nominal 30 g sample. Samples were also analyzed for forty-one (41) trace elements by ultra-trace ICP-MS and ICP-AES using aqua regia digestion.

#### **8.3.2 Results**

Assay results and certificates for silt samples are presented in Appendix F. Location of silt samples and their Au and Cu concentrations are shown in Figures 5 and 6.

No anomalous values returned from any of the silt samples (Figures 5 and 6).

## 9 Discussion

Andesitic tuff-breccias likely represents the basal andesitic pyroclastics of the Telkwa formation (Table 3) as defined by Desjardins et al. (1990). Highly fractured plagioclase basalts northeast of the Copper Starr showing likely represents the basaltic flow unit. The dacitic lava to the east of the showing may be a unit of the siliceous pyroclastics of the Telkwa formation (Table 3). The unnamed granodiorite which hosts the Copper Starr showing has intruded the lower sequence of the Telkwa formation most likely during the Upper Jurassic in a post-collisional magmatic event.

Elevated Au, Ag and Cu concentrations in soils define a east-northeasterly geochemical anomaly around the Copper Starr showing (Figure 10). This anomaly has an orientation complimentary to that of high-angle faults observed in the unnamed granodiorite and plagioclase basalt. These faults are coincident with those in the region defined by the B.C. Geological Survey (Figure 3). The coincidence in orientation of the Au–Ag–Cu and Mn zones, and the Bi–Mo zones with the regional faults suggests that they may have had a control on Au–Ag–Cu and Mo mineralization at the Copper Starr. However, weak potassic alteration in some samples from the Copper Starr showing suggest that higher temperature alteration was present in the Cu mineralized area. This eludes to the possibility of porphyry-type mineralization of the Upper Jurassic granodiorite. Irregardless, the Au–Ag–Cu soil anomaly at the Copper Starr remains open to the west.

The interpreted Zn and Al–Cr–Fe–As anomalous areas defined by the 2007 soil sampling survey (Figure 10) likely represents a lithological boundary. The boundary may be defined by faulting coincident with the Mn anomalous margin (Figure 10) or may represent cover over the unnamed granodiorite by the dacitic lava to the east.

Origin of the Mo-bearing rocks collected in the southeastern part of the property is not defined. Although sample G001452 was collected from an outcrop, the reason and extent of Mo mineralization is uncertain. Ridgeline soils below the Bulkley intrusive did not outline further Mo mineralization along that drainage basin. Further work is required to follow up this geochemical anomaly.

## 10 Recommendations

1. In-fill soil survey grid over unnamed granodiorite, extending bounds of the 2007 survey to the east and west.
2. Trenching and channel sampling to the north and south of the Copper Starr showing to constrain

mineralization under cover.

3. Extend staking over the Bulkley intrusive in the southeastern part of the property.
4. Follow-up anomalous Mo values in rock samples in the southeastern part of property. Follow-up may include contour and ridgeline soil surveys over the Bulkley intrusive outline.
5. Pending upon the results from the in-fill soil survey, conduct an induced polarization survey to constrain possible mineralization below the surface.



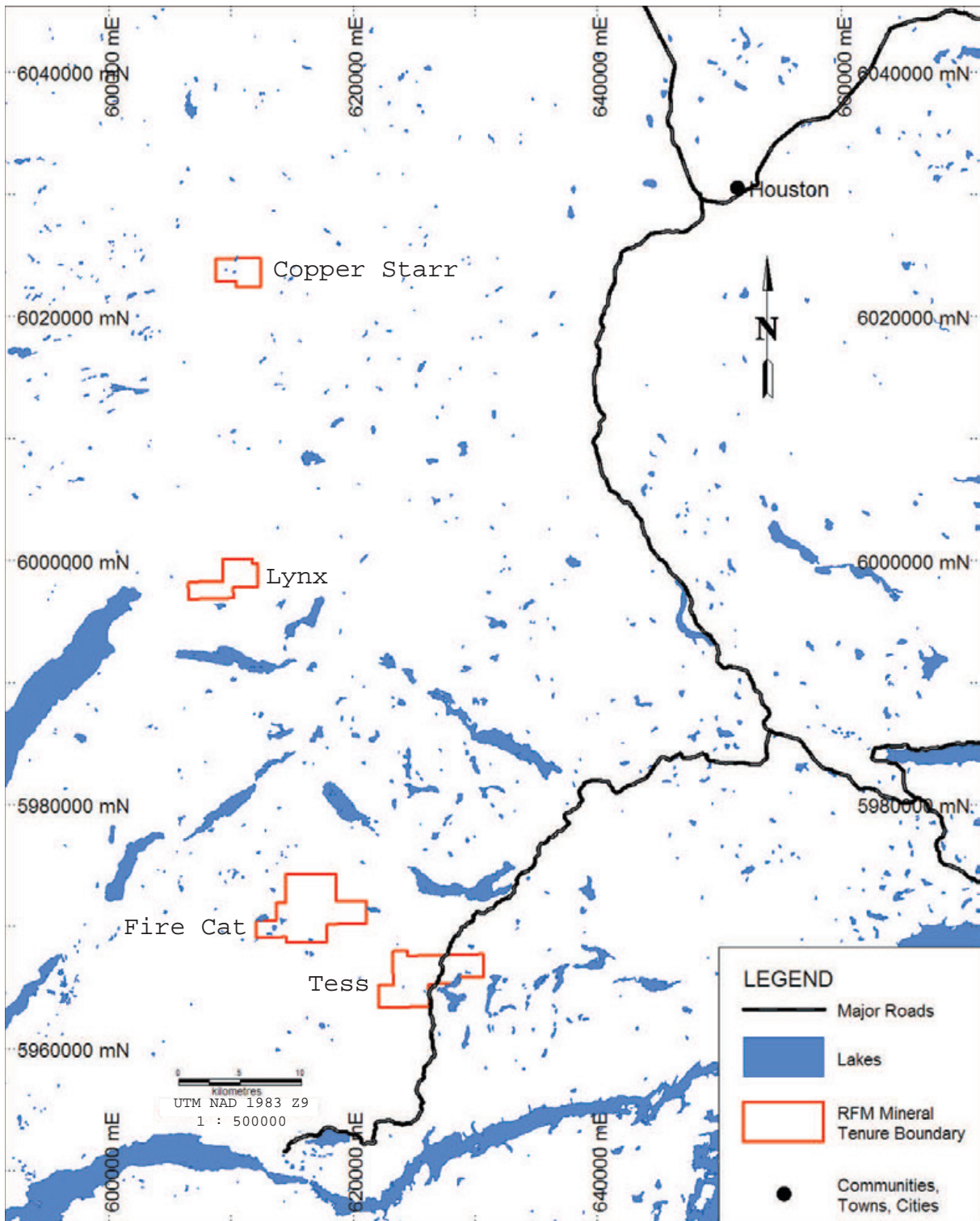


Figure 1: Location of RFM 100 % owned Patti Walker Group project mineral tenures.

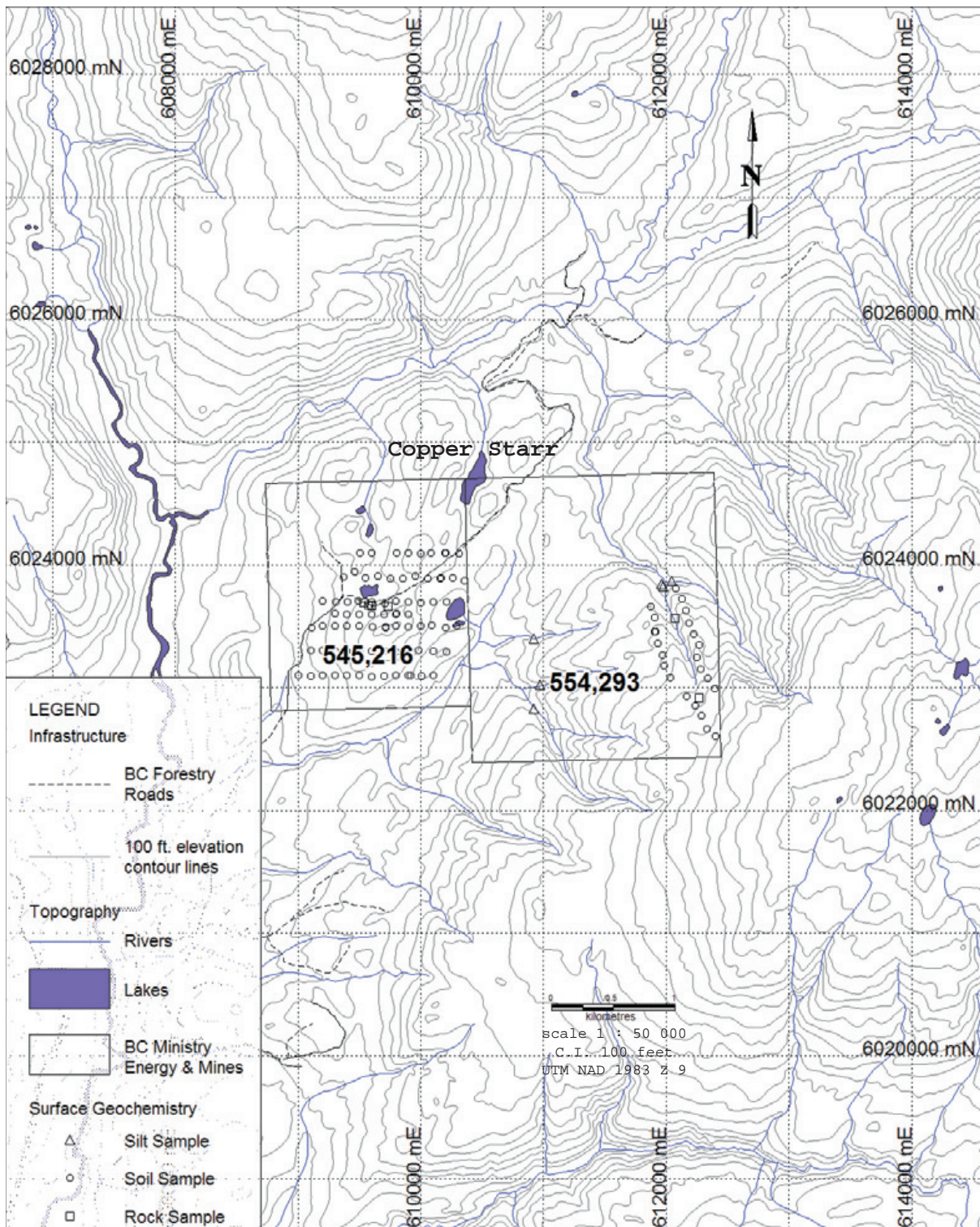


Figure 2: 1 : 50, 000 scale claim map for Copper Starr property and surface geochemistry sample locations from 2007 work. The Cu Starr property may be accessed by the Chisholm forestry services road.

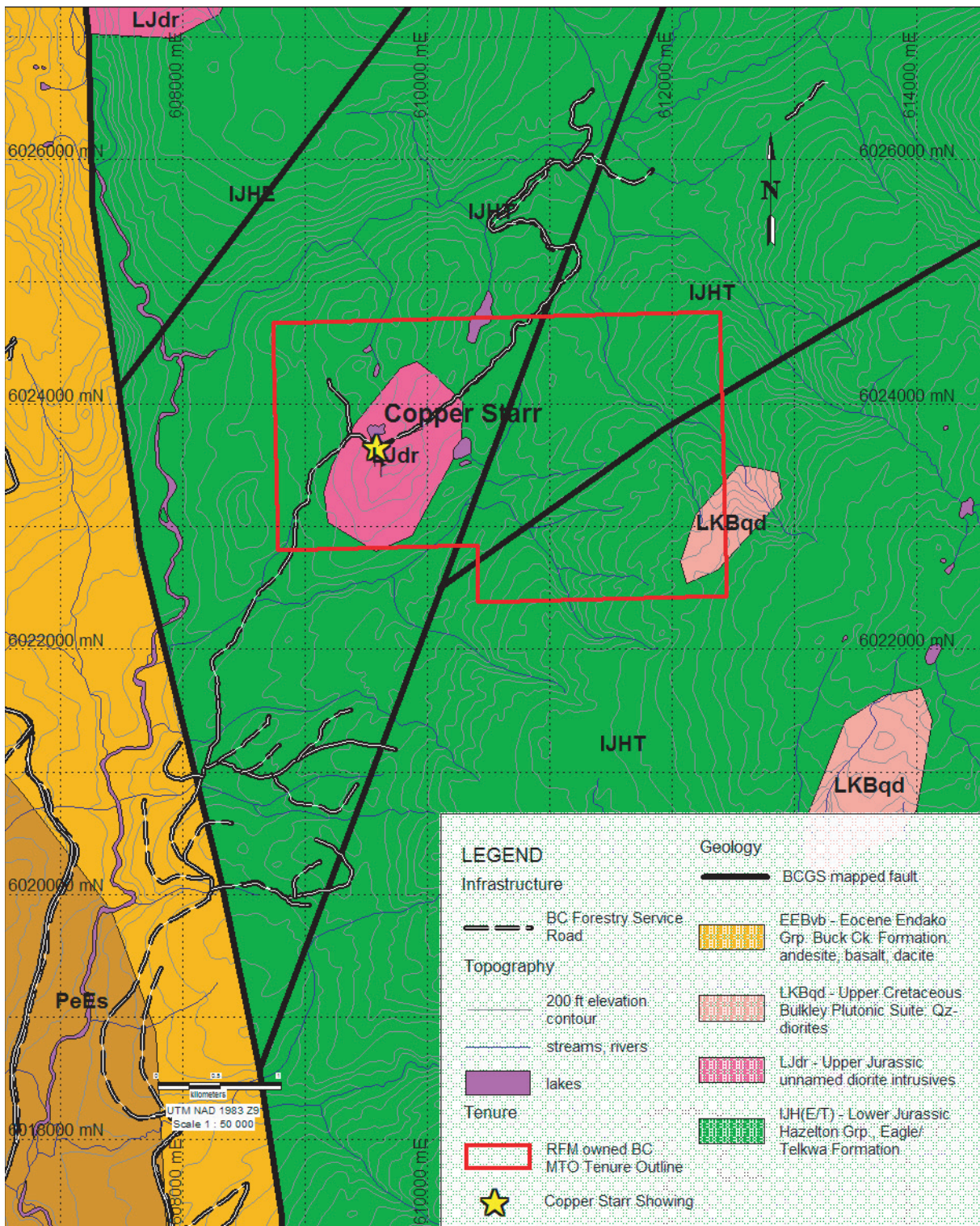


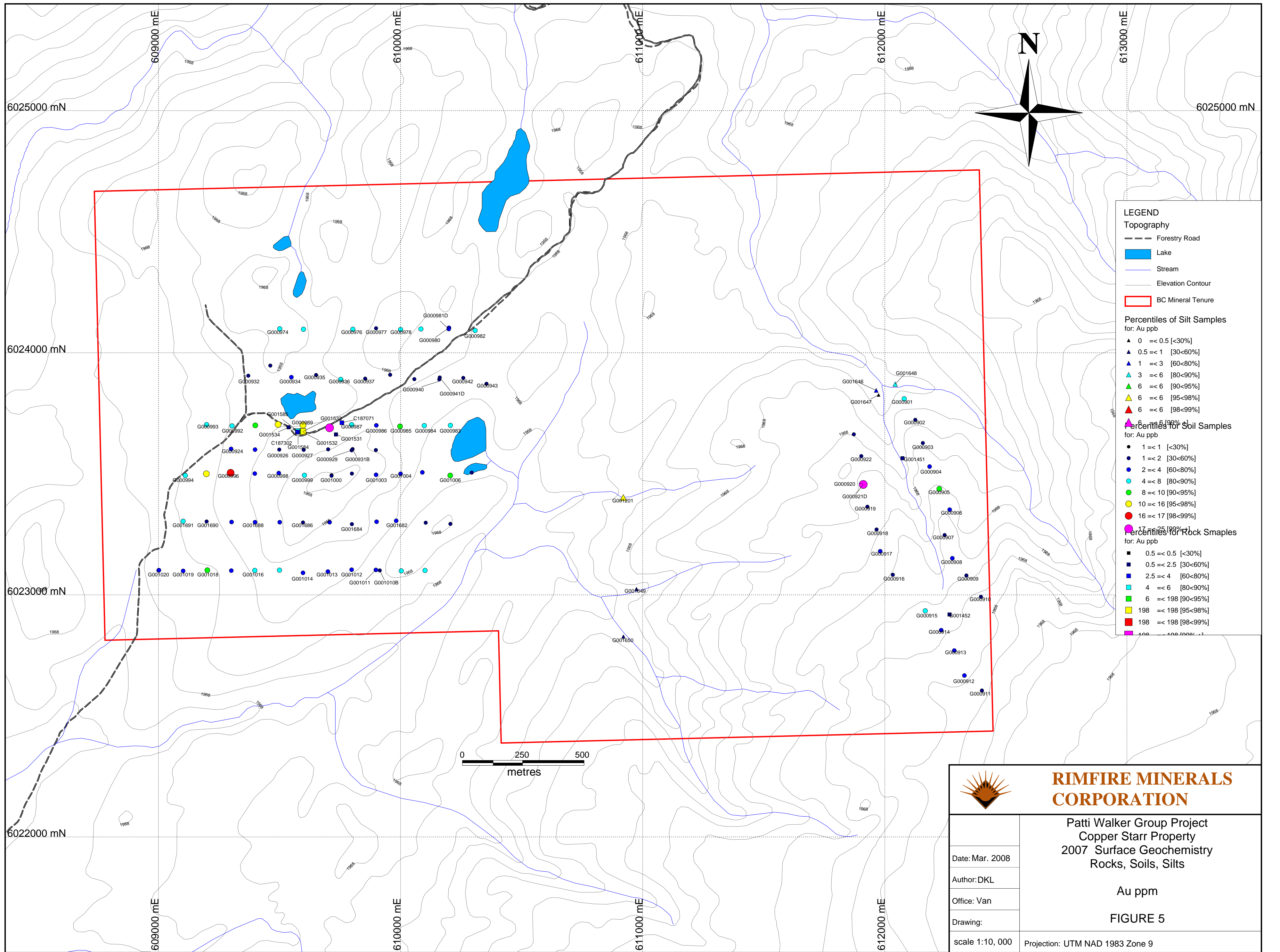
Figure 3: 1 : 50, 000 scale map of Copper Starr area regional geology and faults.



Figure 4: a) Photograph of granodiorite at the Copper Starr showing. b) Photograph of rock from Copper Starr showing with chalcopyrite and pyrite mineralization in ankarite, potassic altered granodiorite. c) Photograph of rock from Copper Starr showing siderite veinlet with dusty chalcopyrite envelope in weakly potassic altered granodiorite. d) Photograph of two 2 m long chip samples over the Copper Starr showing.

**See map pocket for figure.**

Figure 5: Au concentrations in rocks, soil and silt samples from Copper Starr property collected in 2007.




**LEGEND**

**Topography**  
 --- Forestry Road  
 Lake  
 Stream  
 Elevation Contour  
 BC Mineral Tenure

**Percentiles of Silt Samples for: Au ppb**  
 ▲ 0 =< 0.5 [ $<30\%$ ]  
 ▲ 0.5 =< 1 [30-60%]  
 ▲ 1 =< 3 [60-80%]  
 ▲ 3 =< 6 [80-90%]  
 ▲ 6 =< 6 [90-95%]  
 ▲ 6 =< 6 [95-98%]  
 ▲ 6 =< 6 [98-99%]  
 ▲ 6 =< 6 [99-100%]

**Percentiles for Soil Samples for: Au ppb**  
 ● 1 =< 1 [ $<30\%$ ]  
 ● 1 =< 2 [30-60%]  
 ● 2 =< 4 [60-80%]  
 ● 4 =< 8 [80-90%]  
 ● 8 =< 10 [90-95%]  
 ● 10 =< 16 [95-98%]  
 ● 16 =< 17 [98-99%]  
 ● 17 =< 25 [99-100%]

**Percentiles for Rock Samples for: Au ppb**  
 ■ 0.5 =< 0.5 [ $<30\%$ ]  
 ■ 0.5 =< 2.5 [30-60%]  
 ■ 2.5 =< 4 [60-80%]  
 ■ 4 =< 6 [80-90%]  
 ■ 6 =< 198 [90-95%]  
 ■ 198 =< 198 [95-98%]  
 ■ 198 =< 198 [98-99%]  
 ■ 198 =< 198 [99-100%]

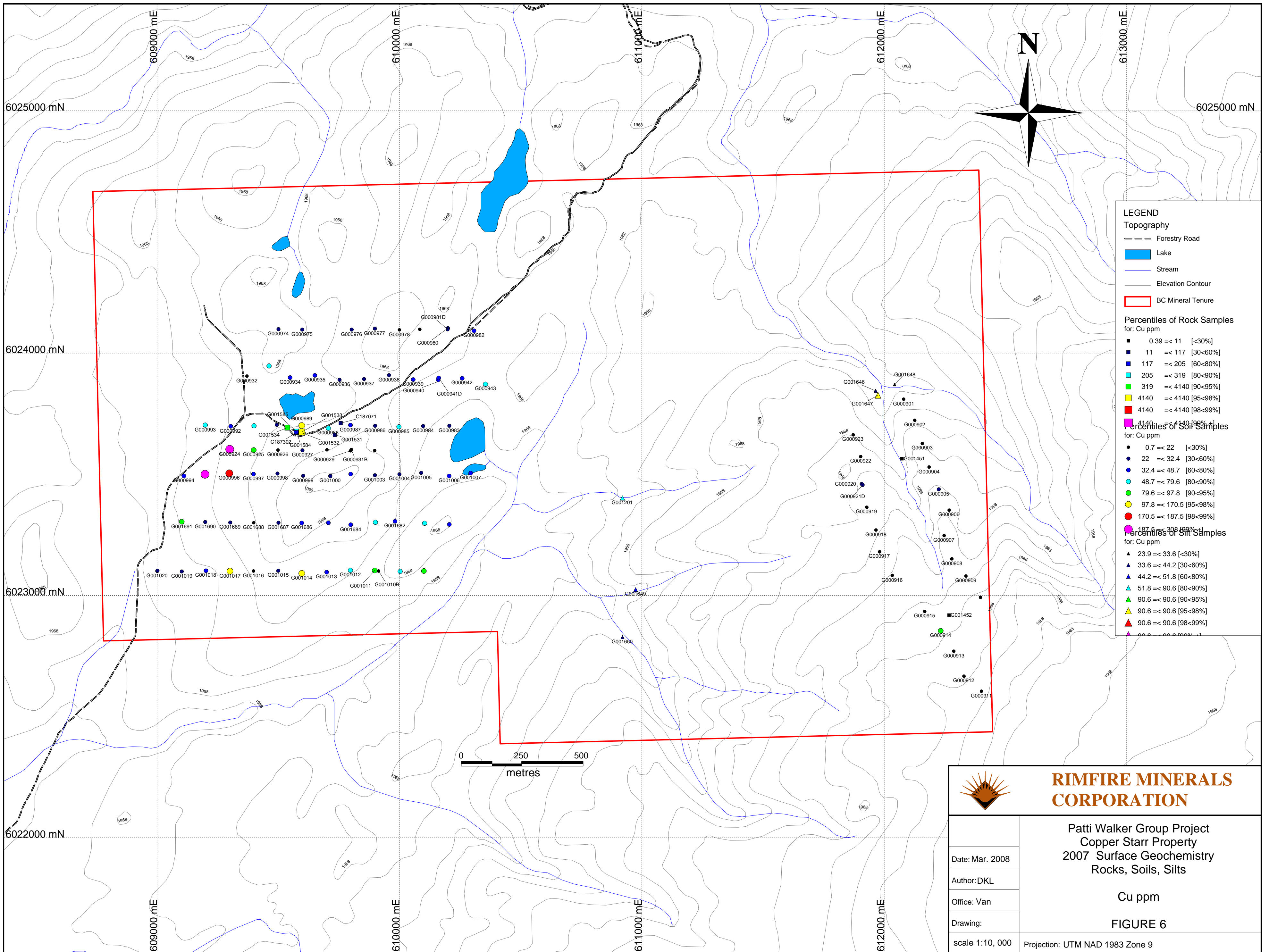


**RIMFIRE MINERALS CORPORATION**

Patti Walker Group Project Copper Starr Property 2007 Surface Geochemistry Rocks, Soils, Silts	
Date: Mar. 2008	Au ppm
Author: DKL	<b>FIGURE 5</b>
Office: Van	
Drawing:	
scale 1:10,000	Projection: UTM NAD 1983 Zone 9

**See map pocket for figure.**

Figure 6: Cu concentrations in rocks, soil and silt samples from Copper Starr property collected in 2007.



**LEGEND**

**Topography**

- Forestry Road
- Lake
- Stream
- Elevation Contour
- BC Mineral Tenure

**Percentiles of Rock Samples for: Cu ppm**


- 0.39 =< 11 [<30%]
- 11 =< 117 [30<60%]
- 117 =< 205 [60<80%]
- 205 =< 319 [80<90%]
- 319 =< 4140 [90<95%]
- 4140 =< 4140 [95<98%]
- 4140 =< 4140 [98<99%]
- 4140 =< 4140 [99%+]

**Percentiles of Soil Samples for: Cu ppm**

- 0.7 =< 22 [<30%]
- 22 =< 32.4 [30<60%]
- 32.4 =< 48.7 [60<80%]
- 48.7 =< 79.6 [80<90%]
- 79.6 =< 97.8 [90<95%]
- 97.8 =< 170.5 [95<98%]
- 170.5 =< 187.5 [98<99%]
- 187.5 =< 308 [99%+]

**Percentiles of Silt Samples for: Cu ppm**

- ▲ 23.9 =< 33.6 [<30%]
- ▲ 33.6 =< 44.2 [30<60%]
- ▲ 44.2 =< 51.8 [60<80%]
- ▲ 51.8 =< 90.6 [80<90%]
- ▲ 90.6 =< 90.6 [90<95%]
- ▲ 90.6 =< 90.6 [95<98%]
- ▲ 90.6 =< 90.6 [98<99%]
- ▲ 90.6 =< 90.6 [99%+]

	<b>RIMFIRE MINERALS CORPORATION</b>	
	Patti Walker Group Project Copper Starr Property 2007 Surface Geochemistry Rocks, Soils, Silts	
	Date: Mar. 2008	Cu ppm
	Author:DKL	<b>FIGURE 6</b>
	Office: Van	Projection: UTM NAD 1983 Zone 9
Drawing:		
scale 1:10,000		



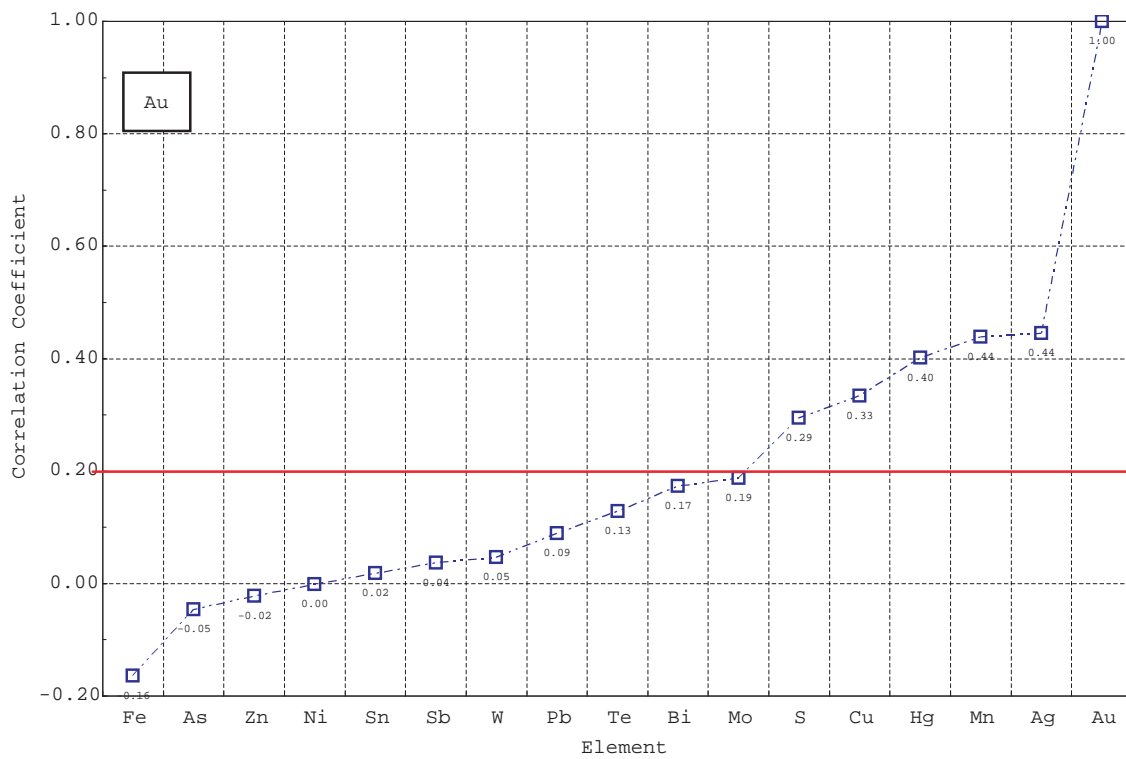


Figure 7: Plot of correlation coefficients for Au from soil geochemistry results of the 2007 Copper Starr soil sampling survey. Red line in the plot arbitrarily indicates a divide between relatively higher coefficients from lower ones.

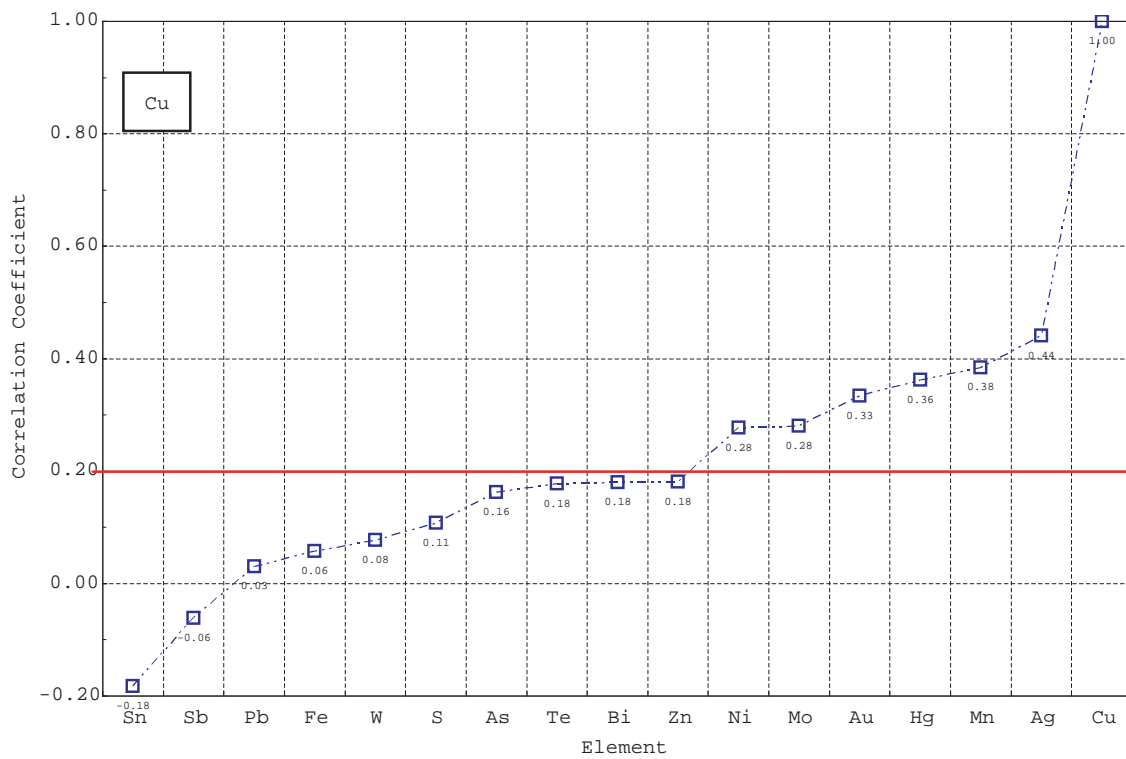


Figure 8: Plot of correlation coefficients for Cu from soil geochemistry results of the 2007 Copper Starr soil sampling survey. Red line in the plot arbitrarily indicates a divide between relatively higher coefficients from lower ones.

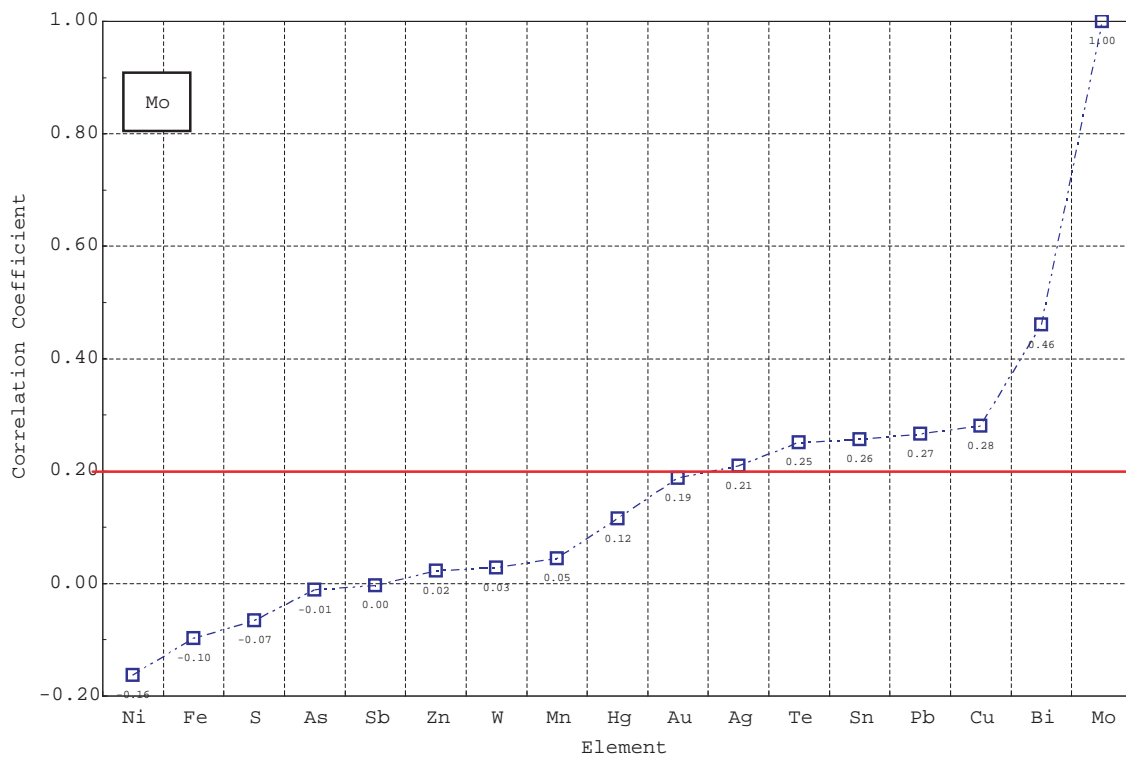


Figure 9: Plot of correlation coefficients for Mo from soil geochemistry results of the 2007 Copper Starr soil sampling survey. Red line in the plot arbitrarily indicates a divide between relatively higher coefficients from lower ones.

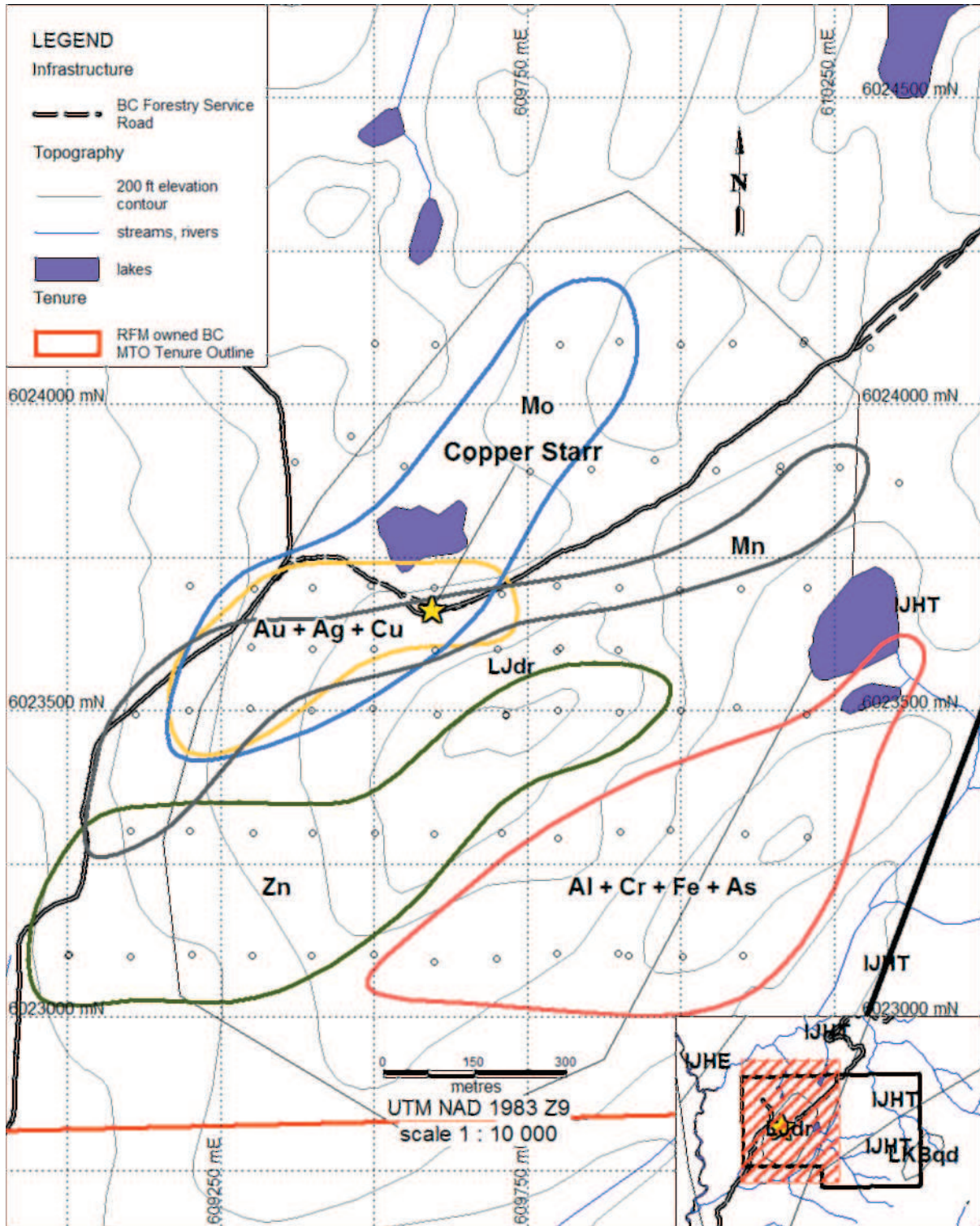


Figure 10: Interpreted margins of geochemical anomalies in 2007 soil geochemistry survey results. Inset map shows the relative location of map view to the rest of the Copper Starr property. Lithological outlines are as mapped by the B.C. Geological Survey. Circles indicate the location of 2007 soil samples.

# Appendices

## **A List of References**

## References

- Carter, N., 1981. Porphyry Copper and Molybdenum Deposits West-central British Columbia. B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 64, 150 p.
- Desjardins, P., MacIntyre, D., Hunt, J., Lyons, L., Pattenden, S., 1990. Geology of the Thautil River Map Area (93L/6). British Columbia Geological Survey Branch, Papers: Geological Fieldwork 1990 (1), 91–99.
- Hancock, K., July 2006. MINFILE Number 093E 037; Huckleberry. Tech. rep., British Columbia, Ministry of Energy, Mines and Petroleum Resources.
- Hunt, J., 1992. Stratigraphy, maturation and source rock potential of cretaceous strata in the Chilcotin-Nechako region of British Columbia. The University of British Columbia, Vancouver, B.C.
- Imperial Metals Corporation, 2007a. 2006 Annual Report. Tech. rep., Imperial Metals Corporation.
- Imperial Metals Corporation, 2007b. Annual Information Form – March 30, 2007; For the Year Ended December 31, 2006. Tech. rep., Imperial Metals Corporation.
- Roney, C., Myers, D., 1990. Assessment Report; Geology and Geochemistry, Huckleberry Property (Kenngo Option), Inner Lens, Outer Lens Groups. Tech. Rep. Report Number 19764, British Columbia, Ministry of Energy, Mines and Petroleum Resources.
- Tipper, H., Richards, T., 1976. Jurassic Stratigraphy and History of North-central British Columbia. Geological Survey of Canada, Bulletin 270, 73 p.

## **B Statement of Expenditures**



**STATEMENT OF EXPENDITURES  
COPPER STAR AND CHECHAKO PROPERTY  
SEPTEMBER 7 - 10, 2007  
OCTOBER 8-11, 2007**

**PROFESSIONAL FEES AND WAGES:**

Mike Roberts, Geologist			
4.50 days @ \$475/day	2,137.50		
Daniel Lui, Geologist			
5.75 days @ \$475/day	2,731.25		
Dirk Gibbs, Senior Sampler			
4.50 days @ \$250/day	1,125.00		
Agata Zurek, Senior Sampler			
4.50 days @ \$250/day	1,125.00		
Wes Hodson, Drafting/Logistics			
2.50 hours @ \$75/hour	187.50		
Scott Parker, Logistics			
2.00 hours @ \$75/hour	150.00		
Clerical			
1.00 hours @ \$35/hour	35.00		
			\$ 7,491.25

**EQUIPMENT RENTALS**

Field Computers			
8.00 days @ \$40/day	320.00		
Satellite Phone			
1.00 weeks @ \$62.50/week	62.50		
69 minutes @ \$1.69/min	116.61		
Rental Truck Insurance			
8.00 days @ \$10/day	80.00		
			579.11

**EXPENSES:**

Accommodation	\$ 228.60		
Airfare	940.73		
Automotive Fuel	196.41		
Camp Food	274.32		
Chemical Analyses	4,748.89		
Freight	321.12		
Maps and Publications	74.01		
Materials and Supplies	488.20		
Meals	192.82		
Plot Charges	76.94		
Printing and Reproductions			
Project management fee paid to consulting fi	118.65		
Radio Rental			
Taxi, airporter & bus	79.61		
Telephone Distance Charges	12.60		
Truck Rental	1,344.21		
Report (estimated)	1,000.00		
			10,097.10

**SUB-TOTAL:** \$ 18,167.46

**GST: 6% on sub-total** 1,090.05

**TOTAL:** \$ 19,257.51

## **C Rock Sample Descriptions**

Sample No.	UTM_Datum	UTM_Zone	UTM_X	UTM_Y	Lat.	Long.	Sampler	Date	Type	Width	Strike Length	Reason	Strike	Dip	Strike Measurement	Sample Material	Host Rock
G001532	NAD 1983	9	609598.68	6023670.25	54.3491	-127.314	Mike Roberts	9-Aug-07	Chip	1.5	0.5	Overburden	220	90	Vein	Vein	granite
G001533	NAD 1983	9	609596.56	6023674.65	54.3491	-127.314	Mike Roberts	9-Aug-07	Chip	1.5	0.5	Overburden	215	40	Vein	Vein	granite
G001584	NAD 1983	9	609576.7	6023675.85	54.3491	-127.314	Dan Lui	9-Aug-07	Chip	0	0	Overburden	0	0			quartz monzonite
G001585	NAD 1983	9	609574.56	6023677.41	54.3491	-127.314	Dan Lui	9-Aug-07	Chip	0	0	Overburden	0	0			quartz monzonite
G001452	NAD 1983	9	612267.29	6022919.01	54.3417	-127.273	Dan Lui	10-Sep-07	Float	0	0		0	0			intermediate intrusive?
C187071	NAD 1983	9	609757.61	6023711.12	54.3494	-127.311	Dan Lui	24-Jun-07	Grab		0						dacite
C187302	NAD 1983	9	609574.56	6023672.45	54.3491	-127.314	Mark Baknes	24-Jun-07	Grab		40		220	65	Fault	Alteration	qtz Monz
G001451	NAD 1983	9	612073.04	6023564.24	54.3476	-127.276	Dan Lui	10-Sep-07	Grab	0	0		0	0			basalt
G001531	NAD 1983	9	609733.39	6023662.64	54.349	-127.312	Mike Roberts	9-Aug-07	Grab	0.2	0		0	0		Alteration	granite?
G001534	NAD 1983	9	609537.36	6023692.16	54.3493	-127.315	Mike Roberts	9-Aug-07	Grab	0.2	0		0	0		Alteration	granite

Sample No.	Alteration1	Alteration2	Alteration3	Metallics1	Metallics1_pct	Metallics2	Metallics2_pct	Secondaries1	Secondaries2	Comments	Certificate
G001532	Moderate Potassium Feldspar	Moderate Chlorite	Moderate Silica	chalcopyrite	2	pyrite	2			0.5 cm rusty stringers(5/m) in moderately altered granite	TR07102231
G001533	Moderate Potassium Feldspar	Moderate Chlorite	Moderate Silica	chalcopyrite	3	pyrite	2	Moderate Hematite	Moderate Malachite	contains 10 cm wide massive chalco vein tht pwg high graded	TR07102231
G001584	Strong Fe-carbonate	Moderate Chlorite			0		0			chip sampled along road cut. quartz monzonite is locally brecciated. sample is from main showing	TR07102231
G001585	Strong Fe-carbonate				0		0	Weak Azurite		chip sample along road cut. monzonite is locally sheared	TR07102231
G001452	Strong Silica			pyrite	7		0			fine grained disseminated buck shot pyrite in strongly silicified intrusive(?). gossanous float in stream. no other similar boulders in immediate vicinity	VA07134533
C187071	Weak Calcite			pyrite 1.5%						fine-grained semi-massive veinlets of pyrite in porphyritic dacite. sample from rusty o.c. in stream. pyrite mineralization is associated w/ tensional calcite veinlets. pyrite mineralization not extensive but most of exposed rocks are moderately rusted.	VA07069378
C187302	Moderate Fe-carbonate			chalcopyrite						representative grab along entire oc, avoid high grade cp	VA07069378
G001451	Weak Silica	Strong Fe-carbonate	Moderate Chlorite	pyrite	2		0			3m by 2 m o.c. of gossanous basalt. gossan focussed in network fractures.	VA07134533
G001531	Strong Potassium Feldspar	Moderate Silica		pyrite	4	chalcopyrite	0.5			subcrop of massive k-spar flooding w/ qz stringers and stringer-dissem py and trace cpy	TR07102231
G001534	Moderate Potassium Feldspar	Moderate Silica			0		0	Moderate Hematite	Weak Malachite		TR07102231

## **D Certificate of Analysis: Rock Geochemistry**



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

A.S. Canaca Ltd

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: RIMFIRE MINERALS CORPORATION  
700 - 700 W. PENDER ST.  
VANCOUVER BC V6C 1G8

Page: 1  
Finalized Date: 12-NOV-2007  
Account: RIMFIR

## CERTIFICATE TR07102231

Project: REM07-35 - G

P.O. No.:

This report is for 29 Rock samples submitted to our lab in Terrace, BC, Canada on 11-SEP-2007.

The following have access to data associated with this certificate:

WES HODSON

DANIEL LUI

DOROTHY MILLER

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS
Au-ICP22	Au 50g FA ICP-AES finish ICP-AES

To: RIMFIRE MINERALS CORPORATION  
ATTN: WES HODSON  
700 - 700 W. PENDER ST.  
VANCOUVER BC V6C 1G8

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



# ALS Chemex

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A.S. Canaca Ltd

212 Brooksbank Avenue

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VANCOUVER BC V6C 1G8

Page: 2 - A

Total # Pages: 2 (A - D)

Finalized Date: 12-NOV-2007

Account: RIMFIR

Project: REM07-35 - G

## CERTIFICATE OF ANALYSIS TR07102231

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP22	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G001524		1.78	0.003	0.21	2.2	3.4	<0.2	<10	20	0.19	0.06	2.1	0.14	8.82	23.3	4
G001525		0.94	0.029	0.52	3.4	148	<0.2	<10	20	0.19	12.65	0.59	0.08	13.05	16.7	128
G001526		1.83	0.001	0.05	0.83	2.8	<0.2	<10	130	0.16	0.99	0.12	0.06	29.5	4.6	2
G001527		1.76	0.001	0.08	0.82	2.1	<0.2	<10	80	0.23	0.16	0.84	0.1	21.5	8	10
G001528		2.14	0.002	0.16	0.63	31.2	<0.2	<10	70	0.25	0.3	1.23	0.13	26.7	5.2	13
G001529		2.00	<0.001	0.03	1	3.3	<0.2	<10	70	0.2	0.34	0.25	0.02	10.85	5.7	13
G001530		1.81	0.001	0.11	0.72	2	<0.2	<10	40	0.24	0.66	0.79	0.29	19.2	3.8	2
G001531		1.77	<0.001	0.42	0.43	6.6	<0.2	<10	20	0.23	0.16	1.14	0.18	15.65	6.4	2
G001532		2.29	<0.001	0.04	0.88	3.7	<0.2	<10	30	0.22	0.11	0.31	0.2	23.5	2.5	9
G001533		2.33	0.198	20.8	1.67	130.5	0.2	<10	50	0.16	3.16	0.3	0.18	20.5	18	6
G001534		1.70	0.002	2.57	0.61	94.1	<0.2	<10	140	0.24	0.59	4.73	4	16.25	7	4
G001568		1.63	<0.001	0.18	2.9	5.6	<0.2	<10	10	0.19	0.07	1.42	0.41	3.98	29.9	8
G001569		1.23	0.004	0.4	3.86	5	<0.2	<10	50	0.43	1.05	2.29	9.1	12.65	7.9	37
G001570		1.66	0.003	0.14	3.38	12.8	<0.2	<10	10	0.19	0.06	2.25	1.15	4.58	17.9	22
G001571		1.20	0.133	0.56	2.74	30.6	<0.2	<10	70	0.24	4.44	2.18	0.09	4.58	4.4	29
G001572		2.02	<0.001	0.1	3.46	17.6	<0.2	<10	20	0.22	0.08	2.02	0.29	3.59	16.8	21
G001573		1.66	<0.001	0.1	2.75	8.4	<0.2	<10	30	0.32	0.15	1.77	0.37	9.18	9.8	2
G001574		1.12	0.002	0.12	3.61	8.3	<0.2	<10	20	0.29	0.11	2.34	0.1	3.97	21	18
G001575		1.77	<0.001	0.08	4.25	17.6	<0.2	<10	20	0.24	0.1	2.8	0.18	1.96	21.5	19
G001576		1.50	<0.001	0.1	3.08	7.7	<0.2	<10	80	0.14	0.08	1.52	2.41	2.75	18.4	27
G001577		1.84	0.001	0.16	3.89	20.4	<0.2	<10	30	0.31	0.46	2.74	0.19	3.18	29.8	24
G001578		1.15	0.001	0.09	1.04	1.9	<0.2	<10	200	0.39	0.04	0.27	0.38	34	13.1	9
G001579		1.32	<0.001	0.08	1.51	1.7	<0.2	<10	320	0.42	0.02	1.11	0.48	35.4	13.2	9
G001580		1.42	<0.001	0.05	1.11	3.3	<0.2	<10	230	0.36	0.05	0.27	0.95	23.3	13.5	7
G001581		1.98	0.002	0.27	2.31	1.8	<0.2	<10	580	0.42	0.21	0.44	0.27	67	40.7	9
G001582		2.45	0.002	0.05	0.71	1.5	<0.2	<10	60	0.22	0.5	0.15	0.04	4.11	2.5	1
G001583		1.75	0.002	0.05	0.73	1.3	<0.2	<10	80	0.19	0.31	0.09	0.02	2.8	2.7	1
G001584		2.07	0.006	0.52	0.77	26	<0.2	<10	40	0.33	0.23	0.68	1.25	21.5	7.7	7
G001585		2.53	0.004	0.61	0.82	20.9	<0.2	<10	30	0.29	0.15	0.48	2.49	22.5	6.7	7

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).



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Finalized Date: 12-NOV-2007

Account: RIMFIR

Project: REM07-35 - G

## CERTIFICATE OF ANALYSIS TR07102231

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
G001524		0.26	202	5.15	8.07	0.2	0.29	0.02	0.026	0.01	3.5	5.1	0.99	687	0.41	0.04
G001525		2.01	14.1	13.5	11.35	0.09	0.04	0.01	0.5	0.15	7	20.4	1.79	1150	0.54	0.03
G001526		0.25	15.8	4.07	2.46	0.06	0.07	0.01	0.02	0.25	14.4	2.4	0.2	258	2.97	0.05
G001527		2.08	20.6	3.01	3.14	0.06	0.04	0.01	0.015	0.32	10.4	5	0.66	171	2.81	0.07
G001528		2.18	184.5	3.01	1.93	0.06	0.04	0.02	0.032	0.21	12.2	2.2	0.53	247	5.53	0.08
G001529		0.73	31.7	3.15	4.94	0.06	0.07	0.02	0.026	0.19	5.3	7.3	0.61	199	5.55	0.06
G001530		0.92	8.4	5.47	1.51	0.07	0.04	0.06	0.012	0.44	8.4	0.7	0.37	96	0.84	0.02
G001531		0.33	65.6	2.73	1.64	0.06	0.09	0.17	0.018	0.09	7.4	2.3	0.3	719	0.29	0.04
G001532		3.03	58.2	1.23	3.29	<0.05	0.07	0.01	0.081	0.06	5.8	6.5	0.36	709	0.6	0.08
G001533		3.65	4140	7.34	6.03	0.12	0.06	0.05	3.69	0.14	8.7	9.3	0.75	1190	6.61	0.05
G001534		0.97	319	2.49	1.78	0.05	0.06	0.25	0.33	0.17	6.3	2.2	1.56	1640	1.48	0.03
G001568		0.17	140	7.77	12.65	0.17	0.27	0.01	0.053	0.01	1.6	5.8	1.65	1250	0.57	0.08
G001569		1.77	142	2.92	11.3	0.12	0.1	<0.01	1.68	0.49	5.9	7.4	1.02	1080	2.29	0.47
G001570		0.18	85.7	4.88	8.98	0.15	0.25	0.01	0.069	0.01	1.8	11.5	1.57	1200	0.83	0.05
G001571		1.24	253	9.06	8.57	0.25	0.11	<0.01	1.545	0.36	2.7	7.9	1.73	959	0.16	0.04
G001572		0.27	59.5	4.94	7.75	0.15	0.29	<0.01	0.026	0.01	1.4	13.8	1.78	1280	0.67	0.03
G001573		0.12	33.4	5.12	7.52	0.12	0.44	<0.01	0.028	0.01	3.6	10.6	1.02	1390	2.53	0.06
G001574		0.19	85.3	5.87	9.87	0.2	0.25	<0.01	0.095	0.02	1.6	12.1	1.73	1140	0.73	0.03
G001575		0.22	83.8	5.77	10	0.18	0.18	<0.01	0.025	0.01	0.7	25.6	1.84	936	0.28	0.03
G001576		0.35	29.9	5.98	8.18	0.11	0.39	<0.01	0.046	0.03	1.3	14.9	1.79	2930	0.98	0.03
G001577		1.05	183	5.17	7.65	0.16	0.23	<0.01	0.04	0.01	1.3	23.2	1.57	746	0.52	0.01
G001578		2.52	55	3.32	3.24	0.06	0.05	<0.01	0.041	0.27	15.6	8.1	0.24	913	2.2	0.04
G001579		2.41	31.2	3.62	4.95	0.06	0.04	<0.01	0.04	0.29	18.3	16.3	0.68	980	0.96	0.04
G001580		2.49	53.1	3.45	2.83	0.05	0.03	0.01	0.051	0.25	8.5	10.4	0.27	1005	0.79	0.03
G001581		2.11	1405	4.42	8.47	0.08	0.04	<0.01	0.131	0.26	39.5	25.8	1.47	1200	3.25	0.03
G001582		1.78	86.2	2.47	1.64	<0.05	0.05	0.05	0.01	0.39	1.9	0.9	0.08	34	2	0.01
G001583		2.41	65	2.13	1.64	<0.05	0.04	0.05	0.01	0.38	1.3	0.9	0.07	28	1.26	0.01
G001584		1.79	139.5	2.03	2.3	0.06	0.06	0.38	0.206	0.05	7.5	4.3	0.11	879	4.04	0.04
G001585		1.17	205	2.09	2.36	0.05	0.06	1.23	0.186	0.08	9.5	4.3	0.06	898	12.5	0.03

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).





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Project: REM07-35 - G

## CERTIFICATE OF ANALYSIS TR07102231

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.2	0.2	0.2	0.2	0.01	0.01	0.2
G001524		0.07	2.5	780	3.8	1.5	0.001	0.01	0.5	12.7	0.4	0.5	126	0.01	0.09	0.5
G001525		<0.05	69.1	1480	20.9	4.8	<0.001	4.6	0.87	8.4	0.9	0.5	11.4	<0.01	5.42	0.5
G001526		<0.05	1.7	1040	8.9	7.7	0.002	1.26	0.09	2.5	2.3	<0.2	33.3	<0.01	0.18	1.2
G001527		0.09	7.4	590	2.6	20.2	0.001	1.9	0.11	5.3	0.5	0.5	31.5	<0.01	0.06	6.4
G001528		<0.05	8	690	3.6	9.7	0.006	2.32	0.25	5.2	0.8	0.4	48.5	<0.01	0.09	5.6
G001529		0.32	6.6	670	3.6	10.3	0.001	0.86	0.26	5.5	0.4	0.9	15.5	<0.01	0.14	6.1
G001530		<0.05	7.7	730	10.5	17.4	0.001	5.5	0.16	1	0.9	0.5	23.5	<0.01	0.46	5.4
G001531		<0.05	2	410	4.1	2.4	<0.001	0.49	1.79	6.9	0.5	0.4	14.9	<0.01	0.04	2.5
G001532		0.05	3.6	590	6	4	<0.001	0.02	0.16	10	0.2	1.7	10.6	<0.01	0.04	3.2
G001533		0.15	15.7	650	31.3	8	0.008	0.62	0.57	3.9	13.6	3.7	11.1	<0.01	1.05	2.9
G001534		<0.05	6.1	120	702	7.7	0.001	0.06	6.94	5.4	0.6	0.6	33.3	<0.01	0.03	1.6
G001568		0.05	9.1	500	9.2	1.3	0.002	1.77	0.24	13	1	0.5	7.8	<0.01	0.09	0.3
G001569		0.3	13.9	1080	3.5	33.8	0.001	0.68	0.83	2.7	0.4	0.6	112.5	<0.01	0.44	1.7
G001570		<0.05	8.1	610	11.2	0.8	0.002	0.42	0.09	9.8	0.4	0.4	18.4	<0.01	0.04	0.3
G001571		0.08	29.4	600	2.4	28.3	<0.001	2.75	0.87	15.6	0.4	1.9	18.8	<0.01	0.76	0.5
G001572		<0.05	9.4	640	8.7	1	<0.001	0.34	0.12	9.4	0.4	0.5	19.6	<0.01	0.05	0.3
G001573		0.06	0.5	1050	10.8	0.7	0.002	1.34	0.21	10.5	0.8	0.4	23.3	<0.01	0.25	0.3
G001574		<0.05	10.8	580	2.6	1.4	<0.001	0.9	0.11	13.4	0.5	0.3	14	<0.01	0.08	0.2
G001575		<0.05	8.7	460	6	0.7	<0.001	0.92	0.06	14	0.4	0.3	16.5	<0.01	0.21	0.2
G001576		<0.05	12.6	540	136.5	2.7	0.001	0.5	0.19	9.8	0.4	1.5	28.9	<0.01	0.26	0.2
G001577		<0.05	17.5	630	2.4	0.5	<0.001	1.58	0.1	12.2	1.7	0.9	33.3	<0.01	0.62	0.2
G001578		<0.05	8.7	720	5.4	9.1	<0.001	0.02	0.39	10.4	0.2	<0.2	12	<0.01	0.01	3.5
G001579		<0.05	9.3	740	7.9	9.6	<0.001	0.01	0.15	9.3	0.2	0.2	25	<0.01	0.02	3.4
G001580		<0.05	8	760	7.2	8	<0.001	0.04	0.24	9.1	0.2	0.2	10	<0.01	0.04	3.4
G001581		<0.05	12	780	4.8	8.1	<0.001	0.02	0.15	9.7	0.3	0.3	39.2	<0.01	0.08	3.5
G001582		<0.05	0.9	360	3	13	0.001	2.65	<0.05	0.7	0.5	0.2	6.6	<0.01	0.17	1.8
G001583		<0.05	0.9	290	5.3	12.7	0.001	2.11	<0.05	0.8	0.5	0.2	5.8	<0.01	0.18	1.4
G001584		<0.05	5.4	520	34.2	3.1	0.002	0.02	2.09	13.3	0.3	1.5	7.6	<0.01	0.01	2.8
G001585		<0.05	5.5	600	30.8	4.5	0.002	0.02	1.34	12.3	0.4	1.3	6.6	<0.01	<0.01	3

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).



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Account: RIMFIR

Project: REM07-35 - G

## CERTIFICATE OF ANALYSIS TR07102231

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T	TI	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G001524		0.188	<0.02	0.2	128	0.09	14.3	39	6.4
G001525		0.006	0.06	0.08	62	0.05	9.52	69	1.2
G001526		<0.005	0.11	0.15	11	<0.05	4.77	31	2.2
G001527		0.031	0.09	1.59	29	0.05	7.49	18	0.7
G001528		<0.005	0.07	2.35	14	0.07	10.95	29	0.6
G001529		0.16	0.04	3.07	42	0.36	9.21	17	1.2
G001530		<0.005	0.1	1.98	5	0.1	6.8	10	0.8
G001531		<0.005	<0.02	0.26	16	0.07	12.55	84	1.6
G001532		0.015	0.02	0.41	47	<0.05	12.7	75	1.4
G001533		0.015	0.06	0.44	36	0.07	7.32	110	1.2
G001534		<0.005	0.04	0.58	28	<0.05	21.5	427	1.2
G001568		0.297	0.03	0.09	254	0.25	9.62	97	5.9
G001569		0.235	0.33	0.64	80	1.02	4.79	1130	2.7
G001570		0.167	<0.02	0.11	119	0.25	8.59	211	7.6
G001571		0.169	0.3	0.08	136	0.16	4.61	67	2.6
G001572		0.18	<0.02	0.16	105	0.19	7.26	101	8.3
G001573		0.246	<0.02	0.1	31	0.28	17.46	113	9.9
G001574		0.17	<0.02	0.1	145	0.2	8.61	81	6.9
G001575		0.158	<0.02	0.05	135	0.13	6.07	122	5.3
G001576		0.215	<0.02	0.07	105	0.11	9.34	454	10.5
G001577		0.213	<0.02	0.05	107	0.15	7.83	52	6.6
G001578		0.009	0.06	0.58	67	0.05	10.4	54	0.9
G001579		0.007	0.04	0.39	60	0.05	12.05	80	0.8
G001580		0.006	0.05	0.37	53	0.1	9.09	113	0.7
G001581		0.008	0.03	0.56	72	0.07	11.6	89	0.7
G001582		<0.005	0.07	0.4	2	0.09	3.58	5	1.7
G001583		<0.005	0.06	0.28	3	0.1	3.64	3	1.5
G001584		0.005	<0.02	0.45	77	0.11	17.05	144	1.7
G001585		<0.005	0.03	0.38	61	0.08	19.8	247	1.7

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).



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This copy reported on 10-DEC-2007  
Account: RIMFIR

## CERTIFICATE VA07134533

Project: RFM07 - 35

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Terrace, BC, Canada on 11-OCT-2007.

The following have access to data associated with this certificate:

WES HODSON

DANIEL LUI

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rod w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS
Au-ICP21	Au 30g FA ICP-AES Finish ICP-AES

To: RIMFIRE MINERALS CORPORATION  
ATTN: WES HODSON  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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Finalized Date: 23-NOV-2007  
Account: RIMFIR

Project: RFM07 - 35

<b>CERTIFICATE OF ANALYSIS VA07134533</b>
---

Sample Description	Method	Analyte	Units	LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41			
					Recvd Wt	Au	Ag	Al	As	Au	B	Ba	Be	B	Ca	Cd	Ce	Co	Cr
					kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
					0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
G001451					1.68	0.001	0.13	2.93	12.1	<0.2	<10	110	0.15	0.09	0.9	0.08	8.49	7	7
G001452					2.24	<0.001	0.22	0.42	1.7	<0.2	<10	280	0.09	0.02	0.74	1.1	15.25	1	7



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<b>CERTIFICATE OF ANALYSIS VA07134533</b>
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	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method Analyte Units LOR	Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Sample Description	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G001451	1.53	40	5.35	10.4	0.26	0.99	0.14	0.037	0.14	3.2	23.5	1.01	729	0.14	0.07
G001452	0.39	12.1	1.69	1.28	<0.05	0.1	0.05	<0.005	0.18	5.6	2.4	0.03	184	2.7	0.05



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<b>CERTIFICATE OF ANALYSIS VA07134533</b>
---

Sample Description	Method	Analyte	Units	LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41			
					Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
					ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G001451					0.28	3.3	510	11.7	6.6	<0.001	0.62	0.34	19.9	0.6	0.5	42.2	0.01	0.07	0.7
G001452					<0.05	0.8	230	5.4	6.1	0.001	0.82	0.06	3.8	<0.2	<0.2	17.6	<0.01	0.01	0.6



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<b>CERTIFICATE OF ANALYSIS VA07134533</b>
---

	Method Analyte Units LOR	ME-MS41 T %	ME-MS41 TI ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
Sample Description		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G001451		0.341	0.05	0.57	137	0.21	12.55	64	37.2
G001452		0.006	0.06	0.1	5	<0.05	6.18	153	3.8



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**CERTIFICATE OF ANALYSIS VA07134533**

<b>Method</b>	<b>CERTIFICATE COMMENTS</b>
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).



## **E Location of Soil and Silt Samples**

Sample	Date	Projection	Zone	Easting	Northing	Elevation	Sample_type	Sampler
G000974	20070908	NAD83	9	609501	6024099	1092	soil	Zurek
G000975	20070908	NAD83	9	609599	6024097	1083	soil	Zurek
G000976	20070908	NAD83	9	609803	6024097	1106	soil	Zurek
G000977	20070908	NAD83	9	609899	6024101	1127	soil	Zurek
G000978	20070908	NAD83	9	610000	6024096	1122	soil	Zurek
G000979	20070908	NAD83	9	610084	6024098	1102	soil	Zurek
G000980	20070908	NAD83	9	610200	6024103	1091	soil	Zurek
G000981D	20070908	NAD83	9	610199	6024098	1094	soil	Zurek
G000982	20070908	NAD83	9	610308	6024092	1084	soil	Zurek
G000983	20070908	NAD83	9	610206	6023700	1042	soil	Zurek
G000984	20070908	NAD83	9	610098	6023699	1052	soil	Zurek
G000985	20070908	NAD83	9	609998	6023696	1070	soil	Zurek
G000986	20070908	NAD83	9	609900	6023700	1092	soil	Zurek
G000987	20070908	NAD83	9	609798	6023703	1083	soil	Zurek
G000988	20070908	NAD83	9	609707	6023690	1072	soil	Zurek
G000989	20070908	NAD83	9	609597	6023701	1063	soil	Zurek
G000990	20070908	NAD83	9	609494	6023704	1064	soil	Zurek
G000991	20070908	NAD83	9	609400	6023700	1059	soil	Zurek
G000992	20070908	NAD83	9	609304	6023698	1043	soil	Zurek
G000993	20070908	NAD83	9	609199	6023703	1014	soil	Zurek
G000994	20070908	NAD83	9	609111	6023493	1010	soil	Zurek
G000995	20070908	NAD83	9	609198	6023500	1025	soil	Zurek
G000996	20070908	NAD83	9	609298	6023504	1043	soil	Zurek
G000997	20070908	NAD83	9	609398	6023501	1067	soil	Zurek
G000998	20070908	NAD83	9	609497	6023503	1081	soil	Zurek
G000999	20070908	NAD83	9	609603	6023494	1119	soil	Zurek
G001000	20070908	NAD83	9	609715	6023494	1131	soil	Zurek
G001001D	20070908	NAD83	9	609715	6023492	1132	soil	Zurek
G001002	20070908	NAD83	9	609799	6023501	1142	soil	Zurek
G001003	20070908	NAD83	9	609899	6023496	1113	soil	Zurek
G001004	20070908	NAD83	9	610000	6023500	1090	soil	Zurek
G001005	20070908	NAD83	9	610090	6023506	1053	soil	Zurek
G001006	20070908	NAD83	9	610205	6023493	1048	soil	Zurek
G001007	20070908	NAD83	9	610294	6023505	1061	soil	Zurek
G001008	20070908	NAD83	9	610101	6023101	1036	soil	Zurek
G001009	20070908	NAD83	9	610003	6023099	1054	soil	Zurek
G001010B	20070908	NAD83	9	609914	6023101	1047	soil	Zurek
G001011	20070908	NAD83	9	609898	6023103	1051	soil	Zurek
G001012	20070908	NAD83	9	609798	6023104	1060	soil	Zurek
G001013	20070908	NAD83	9	609700	6023096	1060	soil	Zurek
G001014	20070908	NAD83	9	609597	6023091	1073	soil	Zurek
G001015	20070908	NAD83	9	609500	6023102	1076	soil	Zurek
G001016	20070908	NAD83	9	609398	6023101	1060	soil	Zurek
G001017	20070908	NAD83	9	609301	6023100	1041	soil	Zurek
G001018	20070908	NAD83	9	609202	6023102	1017	soil	Zurek
G001019	20070908	NAD83	9	609102	6023099	1005	soil	Zurek
G001020	20070908	NAD83	9	609001	6023101	993	soil	Zurek
G001021D	20070908	NAD83	9	609002	6023102	990	soil	Zurek
G000901	20071009	NAD83	9	612080	6023810	1194	soil	Zurek
G000902	20071009	NAD83	9	612126	6023723	1218	soil	Zurek
G000903	20071009	NAD83	9	612157	6023627	1261	soil	Zurek
G000904	20071009	NAD83	9	612185	6023530	1268	soil	Zurek
G000905	20071009	NAD83	9	612225	6023438	1291	soil	Zurek

Sample	Date	Projection	Zone	Easting	Northing	Elevation	Sample_type	Sampler
--------	------	------------	------	---------	----------	-----------	-------------	---------

G000906	20071009	NAD83	9	612268	6023352	1312	soil	Zurek
G000907	20071009	NAD83	9	612247	6023247	1333	soil	Zurek
G000908	20071009	NAD83	9	612279	6023151	1330	soil	Zurek
G000909	20071009	NAD83	9	612337	6023080	1368	soil	Zurek
G000910	20071009	NAD83	9	612397	6022992	1390	soil	Zurek
G000911	20071009	NAD83	9	612401	6022605	1440	soil	Zurek
G000912	20071009	NAD83	9	612329	6022667	1408	soil	Zurek
G000913	20071009	NAD83	9	612287	6022770	1398	soil	Zurek
G000914	20071009	NAD83	9	612233	6022854	1376	soil	Zurek
G000915	20071009	NAD83	9	612167	6022934	1362	soil	Zurek
G000916	20071009	NAD83	9	612033	6023083	1327	soil	Zurek
G000917	20071009	NAD83	9	611981	6023180	1311	soil	Zurek
G000918	20071009	NAD83	9	611966	6023270	1288	soil	Zurek
G000919	20071009	NAD83	9	611928	6023364	1280	soil	Zurek
G000920	20071009	NAD83	9	611907	6023460	1261	soil	Zurek
G000921D	20071009	NAD83	9	611911	6023456	1258	soil	Zurek
G000922	20071009	NAD83	9	611903	6023573	1251	soil	Zurek
G000923	20071009	NAD83	9	611872	6023663	1232	soil	Zurek
G000932	20071010	NAD83	9	609371	6023905	1063	soil	Gibbs
G000933	20071010	NAD83	9	609462	6023947	1077	soil	Gibbs
G000934	20071010	NAD83	9	609549	6023899	1058	soil	Gibbs
G000935	20071010	NAD83	9	609651	6023908	1062	soil	Gibbs
G000936	20071010	NAD83	9	609753	6023890	1080	soil	Gibbs
G000937	20071010	NAD83	9	609854	6023893	1087	soil	Gibbs
G000938	20071010	NAD83	9	609957	6023909	1091	soil	Gibbs
G000939	20071010	NAD83	9	610057	6023891	1076	soil	Gibbs
G000940	20071010	NAD83	9	610160	6023890	1077	soil	Gibbs
G000941D	20071010	NAD83	9	610162	6023898	1079	soil	Gibbs
G000942	20071010	NAD83	9	610259	6023896	1064	soil	Gibbs
G000943	20071010	NAD83	9	610355	6023872	1064	soil	Gibbs
G000924	20071010	NAD83	9	609300	6023603	1042	soil	Zurek
G000925	20071010	NAD83	9	609399	6023600	1061	soil	Zurek
G000926	20071010	NAD83	9	609499	6023600	1079	soil	Zurek
G000927	20071010	NAD83	9	609600	6023599	1083	soil	Zurek
G000928	20071010	NAD83	9	609701	6023601	1107	soil	Zurek
G000929	20071010	NAD83	9	609798	6023597	1126	soil	Zurek
G000930	20071010	NAD83	9	609898	6023598	1093	soil	Zurek
G000931B	20071010	NAD83	9	609802	6023602	1144	soil	Zurek
G001680	20071010	NAD83	9	610206	6023293	1062	soil	Lui
G001681	20071010	NAD83	9	610104	6023298	1068	soil	Lui
G001682	20071010	NAD83	9	609982	6023306	1043	soil	Lui
G001683	20071010	NAD83	9	609901	6023302	1069	soil	Lui
G001684	20071010	NAD83	9	609799	6023292	1077	soil	Lui
G001685	20071010	NAD83	9	609707	6023300	1083	soil	Lui
G001686	20071010	NAD83	9	609597	6023299	1113	soil	Lui
G001687	20071010	NAD83	9	609501	6023300	1099	soil	Lui
G001688	20071010	NAD83	9	609399	6023300	1088	soil	Lui
G001689	20071010	NAD83	9	609302	6023301	1041	soil	Lui
G001690	20071010	NAD83	9	609199	6023303	1021	soil	Lui
G001691	20071010	NAD83	9	609102	6023304	998	soil	Lui

SampleNumber	Projection	Zone	Map_X	Map_Y	SamplerID	SampleType	VolumeWidth	VolumeDepth	Slope_degrees	DownStreamDirection	Colour	Texture1	Texture2	Texture3	Petrology
G001646	NAD83	9	611964.42	6023844.33	Dan Lui	Silt	0.3	10	5	NE	RdBr	Sand	Silt		intermediate volcanic
G001647	NAD83	9	611974.3	6023825.77	Dan Lui	Moss-mat	0.3	10	5	NW	DkBr	Organics	Silt		intermediate volcanic
G001648	NAD83	9	612043.06	6023870.19	Dan Lui	Silt	1	10	5	W	Grey	Sand	Silt		basalt
G001649	NAD83	9	610974.21	6023024.33	Dan Lui	Silt	1.5	10	5	W	DkBr	Sand	Silt	Pebbles	intermediate volcanic breccia
G001650	NAD83	9	610920.3	6022827.66	Dan Lui	Silt	1.5	10	5	NW	DkBr	Silt	Sand		intermediate volcanics
G001201	NAD83	9	610919.86	6023402.15	Dan Lui	Silt	0.4	10	10	W	RdBr	Sand	Silt		intermediate volcanic

## **F Certificate of Analysis: Soil and Silt Geochemistry**



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Page: 1  
Finalized Date: 17-OCT-2007  
This copy reported on 10-DEC-2007  
Account: RIMFIR

## CERTIFICATE TR07102230

Project: REM07-35

P.O. No.:

This report is for 484 Soil samples submitted to our lab in Terrace, BC, Canada on 11-SEP-2007.

The following have access to data associated with this certificate:

WES HODSON

DANIEL LUI

DOROTHY MILLER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rod w/o BarCode
LOG-24	Pulp Login - Rod w/o Barcode
SCR-41	Screen to -180um and save both

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

To: RIMFIRE MINERALS CORPORATION  
ATTN: WES HODSON  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000419		Not Recvd														
G000439		0.38	0.001	0.06	1.64	4.3	<0.2	<10	100	0.32	0.16	0.19	0.08	12	6	14
G000440		0.34	<0.001	0.12	1.82	4.2	<0.2	<10	140	0.42	0.22	0.3	0.2	20.2	7.7	13
G000441		0.38	0.004	0.25	2.25	9	<0.2	<10	70	0.42	0.19	0.09	0.13	12.05	5.9	16
G000442		0.38	0.001	0.11	1.72	5.8	<0.2	<10	90	0.27	0.16	0.27	0.11	13.95	6.2	14
G000443		0.26	0.010	0.18	1.56	4.4	<0.2	<10	150	0.48	0.27	0.33	0.19	26.5	8.7	13
G000444		0.32	<0.001	0.19	2.18	6.5	<0.2	<10	80	0.31	0.23	0.11	0.13	11.35	4.1	13
G000445		0.30	<0.001	0.27	2.45	6.4	<0.2	<10	250	0.84	0.31	0.57	0.51	45.1	11.5	15
G000446		0.36	<0.001	0.49	4.38	16.5	<0.2	<10	360	0.98	0.46	0.76	0.67	71.4	43.6	25
G000447		0.28	<0.001	0.13	2.15	4.3	<0.2	<10	100	0.31	0.2	0.15	0.07	15.95	4.8	13
G000448		0.26	<0.001	0.25	2.94	8.5	<0.2	<10	270	0.66	0.35	0.47	0.32	28.3	10.3	19
G000449		0.34	<0.001	0.17	1.54	7.2	<0.2	<10	120	0.36	0.23	0.24	0.13	19.85	5.4	12
G000450		0.32	<0.001	0.09	1.42	7.9	<0.2	<10	70	0.25	0.19	0.13	0.16	11.75	4.5	13
G000501		0.46	<0.001	0.16	2.38	9.5	<0.2	<10	70	0.38	0.18	0.11	0.12	14.45	7.8	17
G000502		0.40	<0.001	0.18	2.41	8	<0.2	<10	100	0.47	0.2	0.16	0.17	14.65	6.8	17
G000503		0.30	0.013	0.15	2.79	4.6	<0.2	<10	140	0.46	0.24	0.18	0.09	19.25	7	18
G000504		0.30	<0.001	0.11	2.26	5.7	<0.2	<10	100	0.34	0.24	0.22	0.1	17.7	7.6	18
G000505		0.40	<0.001	0.07	1.96	4.6	<0.2	<10	130	0.36	0.21	0.28	0.12	17.65	7.4	18
G000506		0.36	<0.001	0.09	1.74	3.5	<0.2	<10	100	0.26	0.21	0.18	0.09	14.65	5.2	13
G000507		0.32	<0.001	0.1	2.6	5.6	<0.2	<10	170	0.35	0.19	0.25	0.12	21	7.4	17
G000508		0.30	0.013	0.13	2.18	3.7	<0.2	<10	70	0.3	0.22	0.15	0.14	13.8	5.1	15
G000509		0.36	0.013	0.09	3.14	12.4	<0.2	<10	60	0.45	0.19	0.09	0.09	11.25	7.1	18
G000510		0.08	<0.001	<0.01	0.05	<0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.02	1.3	0.1	<1
G000511		0.36	<0.001	0.12	1.85	5.4	<0.2	<10	90	0.27	0.21	0.11	0.07	9.98	4.6	14
G000512		0.32	<0.001	0.16	1.85	3.7	<0.2	<10	130	0.38	0.28	0.26	0.1	18.05	8.3	15
G000513		0.42	<0.001	0.06	2.42	9.4	<0.2	<10	110	0.37	0.17	0.16	0.18	15.15	9.7	18
G000514		0.28	0.014	0.3	2.07	2.5	<0.2	<10	210	0.63	0.2	0.27	0.25	24.5	4.4	12
G000515		0.32	0.008	0.25	2.15	7.8	<0.2	<10	110	0.29	0.24	0.14	0.17	9.47	5.7	15
G000516		0.42	0.004	0.1	2.6	11	<0.2	<10	100	0.4	0.18	0.15	0.08	11.4	10	21
G000517		0.34	0.004	0.12	1.68	4.9	<0.2	<10	90	0.3	0.16	0.18	0.18	17.75	6.7	15
G000518		0.32	0.012	0.32	3.31	13.6	<0.2	<10	230	0.75	0.39	0.47	0.41	37.4	16.2	23
G000519		0.22	NSS	0.56	4.43	18.1	<0.2	<10	400	0.86	0.39	0.8	1.16	59.5	49.6	24
G000520		0.44	0.006	0.11	1.95	4.8	<0.2	<10	100	0.34	0.17	0.24	0.08	13.45	6.7	17
G000521		0.40	0.004	0.11	1.75	4	<0.2	<10	100	0.32	0.16	0.25	0.08	13.4	6.5	15
G000522		0.32	NSS	0.1	2.21	4.7	<0.2	<10	110	0.29	0.17	0.19	0.13	11.45	7.6	17
G000523		0.48	0.014	0.08	2.73	3.5	<0.2	<10	110	0.34	0.16	0.19	0.09	11.75	8.4	19
G000524		0.18	0.028	0.43	3.31	5.4	<0.2	<10	300	1.52	0.26	0.94	0.78	70.1	17.5	19
G000525		0.32	0.005	0.06	1.47	3.2	<0.2	<10	90	0.22	0.15	0.24	0.1	13.95	5.4	14
G000526		0.34	0.007	0.06	0.57	1.1	<0.2	<10	50	0.07	0.13	0.14	0.07	10.2	1.4	5
G000527		0.34	0.009	0.21	3.2	7.7	<0.2	<10	230	0.63	0.37	0.5	0.19	27.1	12.9	24



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000419		0.05	0.2	0.01	0.05	<0.05	<0.02	0.02	0.026	0.03	6.5	11	0.38	316	0.83	0.02
G000439		2.15	13	2.07	6.37	<0.05	<0.02	0.02	0.026	0.03	6.5	11	0.38	316	0.83	0.02
G000440		2.25	15	1.95	6.89	0.06	0.02	0.02	0.028	0.04	10.1	12.6	0.34	1015	0.86	0.02
G000441		1.82	16.5	2.51	7.11	0.05	0.11	0.05	0.034	0.04	5.2	10.1	0.29	271	0.9	0.01
G000442		1.98	17.7	2.12	5.86	<0.05	0.02	0.02	0.026	0.03	7.8	12.3	0.39	320	0.69	0.01
G000443		1.9	13.7	1.82	6.58	0.06	0.02	0.03	0.027	0.03	18.3	11	0.35	1275	0.83	0.01
G000444		1.49	11.1	1.94	8.63	<0.05	0.02	0.06	0.035	0.03	6.2	13.2	0.19	146	0.85	0.01
G000445		2.07	32.1	2.15	7.99	0.07	0.04	0.04	0.046	0.06	24.8	12.3	0.35	1400	1.1	0.02
G000446		3.55	43.5	4.09	13.3	0.1	0.07	0.09	0.075	0.08	24.3	18.5	0.5	6760	3.2	0.02
G000447		1.55	13.1	1.9	7.55	<0.05	0.05	0.03	0.028	0.03	8.2	11.1	0.29	249	0.76	0.01
G000448		2.28	22.9	2.93	9.08	0.06	0.02	0.03	0.045	0.06	13.6	16.3	0.49	2050	1.8	0.02
G000449		1.26	14.9	1.77	5.73	0.05	<0.02	0.04	0.025	0.03	10.5	8.2	0.25	387	0.79	0.01
G000450		1	11.4	2.38	7.08	<0.05	0.02	0.03	0.029	0.04	5.1	8.2	0.2	234	1.39	0.01
G000501		1.87	19.2	2.7	6.84	0.05	0.1	0.07	0.036	0.04	6.6	9.9	0.29	361	1.03	0.01
G000502		1.87	17.1	2.67	7.58	0.05	0.02	0.04	0.036	0.05	6.8	11.6	0.28	227	0.97	0.01
G000503		2.01	23	2.39	8.86	<0.05	0.05	0.05	0.04	0.05	9.9	12.4	0.38	441	0.82	0.01
G000504		1.55	22	2.39	7.16	0.05	0.03	0.04	0.033	0.05	9.1	11.1	0.45	405	0.81	0.02
G000505		1.41	20.2	2.18	6.21	0.05	0.02	0.04	0.032	0.05	8.8	9.3	0.45	543	0.71	0.02
G000506		1.23	13.7	1.77	6.72	<0.05	0.02	0.06	0.023	0.03	7.5	7.4	0.23	431	0.8	0.01
G000507		1.69	20.3	2.46	8.78	0.06	0.05	0.02	0.036	0.05	10.9	8.6	0.29	456	0.75	0.02
G000508		1.53	16.1	1.88	7.09	<0.05	0.02	0.09	0.03	0.04	6.7	9.8	0.27	326	0.9	0.01
G000509		1.52	18.8	2.73	6.66	0.05	0.12	0.04	0.039	0.02	5.6	10.3	0.27	258	1.25	0.01
G000510		<0.05	0.8	0.05	0.11	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.2	<0.01	5	<0.05	<0.01
G000511		1.72	11.9	2.47	6.83	<0.05	0.1	0.03	0.029	0.03	5.4	7.8	0.18	248	0.95	0.01
G000512		2.5	12.4	1.94	7.47	0.05	<0.02	0.03	0.029	0.03	9.1	11	0.33	853	1.5	0.01
G000513		1.52	29	2.94	7.34	0.05	0.02	0.03	0.038	0.05	5.4	10.7	0.47	671	1.08	0.01
G000514		1.55	22.5	1.3	7.45	<0.05	<0.02	0.05	0.028	0.04	13.8	6.5	0.16	306	0.69	0.01
G000515		1.97	19.9	2.92	9.07	0.05	<0.02	0.05	0.038	0.06	4.4	13.8	0.29	598	1.55	0.01
G000516		1.84	19	3.23	7.69	0.06	0.09	0.02	0.039	0.04	5.5	11.6	0.41	291	1.61	0.01
G000517		1.18	19.4	1.82	5.18	<0.05	0.02	0.03	0.027	0.03	8.6	7.9	0.31	266	0.75	0.01
G000518		3.17	25.8	3.55	10.15	0.08	0.04	0.07	0.064	0.07	13.8	16.2	0.51	3380	3.31	0.01
G000519		2.99	31.7	5.46	13.35	0.12	0.06	0.06	0.064	0.08	16.3	22.4	0.51	8620	10.6	0.02
G000520		1.71	16.5	2.08	6.82	<0.05	<0.02	0.02	0.032	0.04	6.7	11.4	0.4	475	0.81	0.01
G000521		1.58	14.7	1.92	6.32	<0.05	<0.02	0.02	0.027	0.03	6.7	10.4	0.36	489	0.69	0.01
G000522		2.4	18.1	2.35	8.34	<0.05	<0.02	0.02	0.038	0.04	5.7	15.1	0.42	462	0.85	0.02
G000523		2.43	23.8	2.02	8.34	<0.05	0.03	0.04	0.034	0.04	6.2	13.9	0.42	295	0.83	0.02
G000524		2.74	32.5	2.16	8.55	0.09	0.07	0.09	0.066	0.08	32.9	14.6	0.41	2730	1.67	0.02
G000525		1.89	12.9	1.86	5.75	<0.05	<0.02	0.02	0.024	0.03	7.2	11.5	0.4	293	0.56	0.02
G000526		0.48	4.6	0.88	3.75	<0.05	0.02	0.01	0.008	0.02	5.4	1.8	0.07	78	0.41	0.01
G000527		3.45	25.6	3.07	9.04	0.05	0.03	0.04	0.054	0.07	13.9	15.1	0.57	1110	1.2	0.01





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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000419		1.31	10.6	340	7.5	9.2	<0.001	0.01	0.27	3.9	<0.2	0.4	18.1	<0.01	0.03	0.7
G000439		0.85	9.4	570	10.2	11.7	<0.001	0.01	0.24	4	0.2	0.5	27.9	<0.01	0.03	0.4
G000440		1.9	9.9	1070	9.5	8.4	<0.001	0.01	0.34	4.7	<0.2	0.5	9.3	0.01	0.05	1.4
G000441		0.68	10	440	7.4	8.9	<0.001	0.01	0.28	4.6	<0.2	0.4	21.5	<0.01	0.03	0.6
G000442																
G000443		1.38	7.6	450	10.5	8.1	<0.001	0.03	0.23	3.8	0.2	0.5	27.6	<0.01	0.03	0.3
G000444		2.05	7.1	1390	9.6	6.8	<0.001	0.03	0.22	3.7	<0.2	0.6	12.5	0.01	0.03	0.8
G000445		0.83	11.6	800	12.3	11.2	0.001	0.06	0.47	5.3	0.6	0.5	53.5	<0.01	0.07	0.5
G000446		1.25	22.2	1450	25.8	15.9	0.005	0.09	0.43	7.2	1	0.7	68.5	0.01	0.16	0.7
G000447		1.22	9.5	890	7.7	8.5	<0.001	<0.01	0.25	3.9	<0.2	0.5	15.4	<0.01	0.04	1
G000448		1.14	15	990	12.7	11.5	<0.001	0.01	0.32	4.8	0.4	0.6	52.4	<0.01	0.07	0.5
G000449		0.72	7.1	450	8.4	10	<0.001	0.02	0.3	3.5	<0.2	0.4	27.2	<0.01	0.04	0.5
G000450		1.11	6.4	680	10	5.6	<0.001	0.01	0.33	3.6	<0.2	0.5	14.8	<0.01	0.05	0.7
G000501		1.86	10.5	1210	9.9	9.8	<0.001	0.02	0.36	4.9	<0.2	0.5	10.4	0.01	0.07	1.7
G000502		1.54	11.2	1050	10.6	11.6	<0.001	0.03	0.32	4.6	<0.2	0.5	21.4	<0.01	0.06	1
G000503		1.35	13.5	730	9.2	11.1	<0.001	0.02	0.33	5.9	<0.2	0.6	18.2	<0.01	0.03	1.5
G000504		1.11	13	670	9.1	9.8	<0.001	0.02	0.38	5.2	<0.2	0.5	22	<0.01	0.04	1.2
G000505		0.62	11.9	580	7.9	8.6	<0.001	0.04	0.33	4	<0.2	0.3	25.4	<0.01	0.04	0.3
G000506		1	7.5	520	9	5.9	<0.001	0.04	0.26	3.9	<0.2	0.5	19.4	<0.01	0.03	0.8
G000507		0.98	11	1140	9.3	10.7	<0.001	0.04	0.26	5.4	<0.2	0.5	25.9	<0.01	0.04	1.2
G000508		1.26	9.2	1170	8.5	8.5	<0.001	0.01	0.28	3.6	<0.2	0.5	13.9	<0.01	0.03	0.6
G000509		1.61	9.1	1590	10.8	6.6	<0.001	0.01	0.33	5.3	<0.2	0.4	9.6	0.01	0.06	1.8
G000510		0.08	0.4	30	0.7	0.2	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.8	<0.01	<0.01	0.3
G000511		1.72	6.3	1220	8.6	9.5	<0.001	0.01	0.22	3.6	<0.2	0.6	11.6	0.01	0.04	1.1
G000512		1.42	9.1	430	9.8	8.4	<0.001	0.03	0.17	3.1	<0.2	0.6	26.6	<0.01	0.03	0.2
G000513		0.56	12.4	870	9.9	8.3	<0.001	0.02	0.39	5.2	<0.2	0.4	13.9	<0.01	0.08	0.6
G000514		0.51	6.5	900	11.9	6.8	<0.001	0.03	0.15	1.7	0.2	0.5	36.3	<0.01	0.02	<0.2
G000515		2.26	9.5	2010	9.1	11.1	<0.001	0.04	0.28	4.1	0.2	0.7	13.8	<0.01	0.07	0.5
G000516		0.63	14.5	590	11.4	10.1	<0.001	0.03	0.36	5.7	<0.2	0.4	14.4	<0.01	0.06	1.3
G000517		0.72	9.6	580	10.1	4.9	0.001	0.07	0.3	4.3	<0.2	0.4	15.9	0.01	0.04	0.5
G000518		1.69	17.3	1160	19	12.8	<0.001	0.03	0.36	5.1	0.6	0.7	42.4	<0.01	0.07	0.6
G000519		1.54	19.5	1550	32.3	14.8	0.001	0.06	0.39	8.6	0.9	0.8	69	<0.01	0.19	1.1
G000520		0.83	11.7	410	7.7	8.6	<0.001	0.02	0.25	4.5	<0.2	0.4	19.5	<0.01	0.02	0.7
G000521		0.79	10.6	390	7.6	8.7	<0.001	0.02	0.25	4.1	<0.2	0.4	20.3	<0.01	0.01	0.5
G000522		0.95	12	460	8.6	8.2	<0.001	0.02	0.29	5	<0.2	0.5	16.3	<0.01	0.03	0.5
G000523		1.01	14.6	520	8.1	10.6	<0.001	0.03	0.24	5.5	<0.2	0.5	18.1	<0.01	0.02	0.7
G000524		0.84	16.5	1140	14.7	12.8	0.001	0.08	0.4	6	1	0.5	71.8	0.01	0.08	0.6
G000525		0.85	9.2	270	6	8.8	<0.001	0.04	0.26	4	<0.2	0.4	19.8	<0.01	0.02	0.5
G000526		0.6	2.2	190	5.7	4.6	<0.001	0.06	0.16	1.8	<0.2	0.3	14	<0.01	0.02	0.6
G000527		1.06	16.2	710	14.7	12	<0.001	0.02	0.33	5.6	0.4	0.6	35.7	0.01	0.06	0.9



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T	TI	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000419									
G000439		0.054	0.1	0.34	45	0.15	4.15	90	<0.5
G000440		0.036	0.13	0.39	46	0.17	8.04	91	<0.5
G000441		0.044	0.1	0.34	51	0.18	3.09	112	4.5
G000442		0.041	0.1	0.37	47	0.12	7.22	85	<0.5
G000443		0.044	0.16	0.36	45	0.15	16.55	99	<0.5
G000444		0.035	0.09	0.36	42	0.19	3.57	72	0.8
G000445		0.023	0.14	1.11	44	0.18	23.3	111	<0.5
G000446		0.021	0.36	1.68	100	0.26	22.8	157	1
G000447		0.038	0.09	0.33	38	0.16	4.72	64	1.5
G000448		0.03	0.15	0.69	64	0.22	10.6	121	<0.5
G000449		0.03	0.12	0.38	37	0.15	7.17	55	<0.5
G000450		0.037	0.08	0.25	55	0.18	2.54	50	0.7
G000501		0.054	0.11	0.41	51	0.16	3.94	89	4.2
G000502		0.051	0.1	0.37	53	0.18	4.42	95	1
G000503		0.048	0.11	0.49	50	0.13	6.83	97	1.6
G000504		0.054	0.1	0.54	50	0.17	5.13	78	0.7
G000505		0.045	0.08	0.58	47	0.13	6.52	72	<0.5
G000506		0.047	0.1	0.38	41	0.13	4.37	50	0.6
G000507		0.043	0.1	0.51	51	0.12	8.48	77	1.2
G000508		0.046	0.09	0.38	40	0.17	3.62	72	0.5
G000509		0.063	0.1	0.44	54	0.21	4.23	65	4.4
G000510		<0.005	<0.02	0.11	1	<0.05	0.69	4	0.6
G000511		0.059	0.1	0.31	54	0.17	2.7	57	3.8
G000512		0.034	0.19	0.48	47	0.13	6.27	81	<0.5
G000513		0.049	0.12	0.34	62	0.14	3.73	77	<0.5
G000514		0.016	0.09	0.54	30	0.08	9.71	52	<0.5
G000515		0.04	0.12	0.26	58	0.22	2.38	110	<0.5
G000516		0.051	0.15	0.36	71	0.12	3.81	65	3.1
G000517		0.045	0.1	0.39	47	0.15	7.31	60	<0.5
G000518		0.021	0.29	0.92	80	0.21	10.35	156	0.6
G000519		0.021	0.42	1.35	117	0.2	13.15	158	1.1
G000520		0.044	0.11	0.38	48	0.12	4.55	74	<0.5
G000521		0.043	0.09	0.33	45	0.14	4.47	68	<0.5
G000522		0.049	0.11	0.29	51	0.15	3.94	81	<0.5
G000523		0.037	0.15	0.4	49	0.12	4.67	83	0.8
G000524		0.015	0.15	1.66	43	0.19	30.6	143	0.7
G000525		0.059	0.08	0.33	45	0.15	4.82	67	<0.5
G000526		0.044	0.05	0.19	24	0.09	1.7	17	0.6
G000527		0.027	0.16	1.03	66	0.24	10.55	121	0.6



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000528		0.30	NSS	0.42	4.6	6.7	<0.2	<10	330	0.95	0.39	0.83	0.21	41.8	7.1	26
G000529		0.48	0.003	0.12	2.75	6	<0.2	<10	110	0.37	0.25	0.16	0.09	18.35	6.6	20
G000530		0.48	0.007	0.16	2.98	8.5	<0.2	<10	100	0.47	0.26	0.13	0.15	19.35	7.8	21
G000531		0.32	0.004	0.2	2.97	8.1	<0.2	<10	100	0.42	0.27	0.13	0.16	18.8	7	21
G000532		0.44	0.007	0.03	2.61	18.2	<0.2	<10	180	0.56	0.47	0.11	0.13	17.35	10.5	24
G000533		0.48	0.003	0.09	2.64	11.4	<0.2	<10	70	0.43	0.2	0.1	0.13	14.5	7.1	20
G000534		0.46	0.009	0.14	1.74	4.4	<0.2	<10	110	0.36	0.21	0.27	0.15	17.55	6.3	14
G000535		0.54	0.004	0.12	2.35	8.7	<0.2	<10	100	0.32	0.21	0.15	0.1	13.2	5.4	17
G000536		0.44	0.004	0.16	3.01	7	<0.2	<10	90	0.41	0.19	0.12	0.12	14.35	6.5	18
G000537		0.44	0.004	0.06	1.37	5.5	<0.2	<10	80	0.22	0.16	0.2	0.09	11.05	4.1	12
G000538		0.34	0.014	0.16	2.22	4.7	<0.2	<10	180	0.47	0.33	0.47	0.19	26.9	7.2	21
G000539		0.36	0.013	0.17	2.82	5.1	<0.2	<10	220	0.51	0.33	0.4	0.19	22.1	7.6	20
G000540		0.54	0.004	0.12	2.7	6.3	<0.2	<10	90	0.37	0.26	0.2	0.13	22.2	6.2	19
G000541		0.36	0.008	0.18	2.67	4.6	<0.2	<10	200	0.48	0.31	0.33	0.23	27.4	8.1	20
G000542		0.54	0.006	0.08	2.7	11.2	<0.2	<10	120	0.48	0.24	0.13	0.14	22.2	8.9	22
G000543		0.54	0.010	0.23	1.57	3.8	<0.2	<10	90	0.18	0.21	0.21	0.14	13.9	6.6	15
G000544		0.48	0.010	0.05	2.56	9.5	<0.2	<10	70	0.36	0.23	0.1	0.08	14.7	5.8	17
G000545		0.42	0.003	0.06	1.81	7.7	<0.2	<10	60	0.26	0.17	0.1	0.09	14.7	5.5	17
G000546		0.54	0.002	0.08	1.73	10.5	<0.2	<10	60	0.39	0.12	0.11	0.12	32.1	6.3	18
G000547		0.24	NSS	0.52	2.89	6.3	<0.2	<10	290	0.66	0.37	0.65	0.48	30.9	24.8	18
G000548		0.58	0.004	0.07	2.26	9	<0.2	<10	110	0.34	0.14	0.11	0.07	16.65	7.4	19
G000549		0.44	0.007	0.08	1.47	2.5	<0.2	<10	190	0.3	0.17	0.39	0.13	15	4.5	12
G000550		0.50	0.006	0.09	2.27	4.3	<0.2	<10	140	0.32	0.18	0.2	0.07	18.05	6.2	18
G000551		0.40	0.017	0.09	2.08	3.8	<0.2	<10	150	0.34	0.17	0.23	0.07	15.4	5.4	17
G000552		0.48	0.003	0.25	3.39	7.3	<0.2	<10	100	0.48	0.24	0.11	0.1	23.7	7.7	21
G000553		0.40	0.005	0.09	1.71	2.6	<0.2	<10	150	0.38	0.17	0.24	0.09	14.9	5.5	13
G000554		0.38	0.011	0.12	1.94	4.3	<0.2	<10	180	0.41	0.29	0.38	0.16	28.8	7.6	15
G000555		0.46	0.015	0.15	3.04	8.1	<0.2	<10	190	0.42	0.25	0.27	0.11	19.2	6.6	23
G000556		0.54	0.003	0.05	2.06	6.9	<0.2	<10	90	0.33	0.16	0.12	0.07	16.85	6.1	17
G000557		0.54	0.005	0.13	2.75	5.3	<0.2	<10	90	0.43	0.21	0.12	0.08	17.15	6.7	18
G000558		0.50	0.004	0.14	1.33	2.2	<0.2	<10	100	0.2	0.19	0.25	0.11	13	7.2	13
G000559		0.40	0.005	0.17	1.23	1.6	<0.2	<10	80	0.21	0.16	0.24	0.1	13.5	3.4	11
G000560		0.12	0.002	0.01	0.02	<0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.28	0.1	<1
G000561		0.40	0.002	0.06	2.17	5.7	<0.2	<10	90	0.34	0.2	0.14	0.12	11.6	4.3	15
G000562		0.36	0.006	0.14	1.56	3.5	<0.2	<10	60	0.14	0.16	0.16	0.13	9.54	3	12
G000563		0.38	0.003	0.26	2.56	7.3	<0.2	<10	70	0.36	0.17	0.09	0.13	12.85	6.9	19
G000564		0.48	0.009	0.12	1.82	11.3	<0.2	<10	90	0.21	0.16	0.15	0.15	10.85	5.7	18
G000565		0.38	0.003	0.2	2.35	8.7	<0.2	<10	80	0.24	0.28	0.15	0.16	11.95	4.9	21
G000566		0.40	0.008	0.14	0.88	1.3	<0.2	<10	50	0.1	0.14	0.12	0.1	7.77	2.4	6
G000567		0.32	0.016	0.13	1.24	1.9	<0.2	<10	100	0.14	0.16	0.32	0.12	11.45	3	7



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Finalized Date: 17-OCT-2007

Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000528		3.42	42.5	3.15	11.45	0.06	0.06	0.12	0.073	0.1	23.6	17.7	0.47	308	1.23	0.02
G000529		2.1	21	2.58	6.58	<0.05	0.03	0.05	0.038	0.05	8.4	11.7	0.43	297	0.8	0.01
G000530		2.22	20.1	3.02	6.57	<0.05	0.06	0.05	0.038	0.05	8.6	11.2	0.38	382	0.86	0.01
G000531		2.29	21	3.07	6.71	<0.05	0.07	0.07	0.045	0.05	8.2	11.1	0.36	427	0.9	0.01
G000532		1.88	37	3.84	5.81	<0.05	0.08	0.03	0.034	0.07	8.4	8.8	0.61	367	1.48	0.01
G000533		1.81	17.4	3.18	6.57	<0.05	0.04	0.04	0.045	0.03	6	11.5	0.33	247	1.14	0.01
G000534		1.66	15.8	2	5.82	<0.05	0.02	0.03	0.034	0.04	9.3	10.1	0.34	456	0.81	0.01
G000535		1.79	15.4	2.52	5.95	<0.05	0.04	0.63	0.037	0.04	5.4	10.7	0.32	237	1.02	<0.01
G000536		2.08	18.1	2.81	6.99	<0.05	0.1	0.1	0.039	0.05	7.4	13.7	0.34	291	0.98	0.01
G000537		1.13	12	2.09	4.97	<0.05	0.02	0.03	0.023	0.04	5.5	8.3	0.25	274	0.75	<0.01
G000538		1.76	28.1	2.46	6.2	0.05	0.02	0.04	0.041	0.06	13.8	10.5	0.52	499	0.66	0.01
G000539		2.17	26.5	2.56	7.49	<0.05	0.02	0.04	0.046	0.06	11.1	14.2	0.49	859	1.45	0.01
G000540		1.81	20.3	2.35	6.67	<0.05	0.03	0.05	0.04	0.04	10.2	10.2	0.35	307	0.96	0.01
G000541		2.07	20.8	2.5	7.13	<0.05	0.02	0.04	0.044	0.06	14.2	13.2	0.5	883	1.15	0.01
G000542		1.78	30.1	3.32	6.13	<0.05	0.04	0.07	0.04	0.04	8.7	9.6	0.45	336	0.86	0.01
G000543		1.92	10.5	1.9	5.67	<0.05	<0.02	0.02	0.025	0.03	7	10.1	0.36	371	0.61	0.01
G000544		1.84	21.1	2.82	6.41	<0.05	0.06	0.06	0.045	0.03	6.4	10.1	0.29	275	1.03	0.01
G000545		1.21	18.9	2.65	4.56	<0.05	0.07	0.05	0.027	0.02	6.2	6.8	0.27	250	1.01	<0.01
G000546		0.98	27	2.68	3.81	<0.05	0.09	0.04	0.028	0.03	8.6	5.9	0.35	311	0.89	<0.01
G000547		1.82	29.5	2.85	9.02	<0.05	0.02	0.08	0.046	0.07	14.1	10.4	0.3	3530	1.91	0.01
G000548		1.25	26.4	2.73	4.56	<0.05	0.13	0.08	0.032	0.03	5.9	8.6	0.39	346	0.94	0.01
G000549		0.86	12.2	1.64	4.8	<0.05	<0.02	0.02	0.024	0.04	9.6	6.6	0.28	433	0.49	0.02
G000550		1.52	17.6	2.31	6.02	<0.05	0.03	0.03	0.033	0.04	8.1	10	0.39	456	0.81	0.01
G000551		1.38	15.9	2.21	5.58	<0.05	0.02	0.03	0.03	0.04	7.7	9	0.37	347	0.74	0.01
G000552		2.45	18	2.8	7.44	<0.05	0.09	0.05	0.045	0.04	9.9	10.6	0.32	481	0.96	0.01
G000553		1.4	12	1.93	5.43	<0.05	<0.02	0.03	0.026	0.03	10.5	9.4	0.3	311	0.59	0.01
G000554		1.91	17.7	2.01	5.44	<0.05	0.02	0.04	0.038	0.05	14.1	9	0.34	1180	0.8	0.01
G000555		2.53	26.5	3.05	7.79	0.05	0.04	0.05	0.048	0.05	8.5	15.1	0.49	385	1.06	0.01
G000556		1.46	15.3	2.71	5.33	<0.05	0.04	0.03	0.029	0.04	7.5	7.3	0.32	258	0.91	0.01
G000557		1.86	14.6	2.59	6.91	<0.05	0.07	0.05	0.037	0.04	9.1	10.5	0.29	213	1.1	0.01
G000558		1.52	10.1	1.55	5.19	<0.05	<0.02	0.02	0.024	0.03	6.3	6.4	0.29	624	0.57	0.01
G000559		1.91	8.2	1.37	4.77	<0.05	<0.02	0.02	0.019	0.03	7	6	0.21	206	0.42	0.01
G000560		<0.05	0.6	0.02	0.08	<0.05	<0.02	0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
G000561		1.3	15.2	2.13	6.79	<0.05	<0.02	0.07	0.038	0.04	5.9	8.8	0.21	250	0.77	0.01
G000562		1.16	7	1.95	6.07	<0.05	<0.02	0.05	0.023	0.03	5	7.3	0.19	182	0.76	0.01
G000563		1.72	15.7	2.73	5.96	<0.05	0.11	0.05	0.034	0.03	5.8	8.5	0.29	289	1.05	<0.01
G000564		1.36	15.8	3.84	7.62	<0.05	0.04	0.05	0.039	0.03	4.2	9.9	0.37	380	2.51	<0.01
G000565		1.84	13	3.73	13.1	<0.05	0.03	0.04	0.048	0.05	6.3	15.1	0.35	253	2.19	<0.01
G000566		1.01	5.6	0.94	5.03	<0.05	<0.02	0.02	0.015	0.03	4	4.6	0.11	335	0.59	0.01
G000567		1.47	8.8	1.08	5.7	<0.05	<0.02	0.04	0.017	0.04	6	6.8	0.19	181	1.12	0.01



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Finalized Date: 17-OCT-2007

Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000528		1.26	19.9	1170	16.5	13	<0.001	0.06	0.28	6.7	0.8	0.7	60.1	0.01	0.06	0.9
G000529		1.06	13.3	810	9.3	10.5	<0.001	<0.01	0.36	4.5	0.3	0.4	15	<0.01	0.04	1.3
G000530		1.37	13.5	1620	10.7	11.6	<0.001	<0.01	0.42	5.4	0.2	0.5	12.2	0.01	0.06	2
G000531		1.19	12.2	1600	11.9	10.6	<0.001	<0.01	0.4	5.1	0.3	0.5	12.3	0.01	0.06	2
G000532		0.5	15.1	810	12.3	9.8	<0.001	<0.01	0.65	5.3	0.4	0.3	12.5	<0.01	0.33	2.6
G000533		1.64	10.3	1190	9.7	7.7	<0.001	<0.01	0.42	5.5	0.2	0.5	9.2	0.02	0.07	1.2
G000534		0.7	9	470	7.2	7.9	<0.001	<0.01	0.26	4.2	0.3	0.4	21.3	<0.01	0.04	0.5
G000535		1.44	10.6	1200	8.2	7.8	<0.001	<0.01	0.44	3.8	0.2	0.4	14	0.01	0.06	1.2
G000536		1.65	11.8	1450	8.4	10.5	<0.001	<0.01	0.36	5	0.3	0.5	10.5	0.01	0.05	1.5
G000537		0.81	7	630	10.6	7.1	<0.001	<0.01	0.26	2.9	<0.2	0.4	13.9	<0.01	0.05	0.9
G000538		0.62	13.5	670	12.4	9.7	<0.001	0.01	0.38	4.8	0.3	0.4	44.1	<0.01	0.04	0.6
G000539		0.81	14.8	800	10.1	11.7	<0.001	0.01	0.31	4	0.3	0.5	39.3	<0.01	0.05	0.5
G000540		1.63	11.1	1270	9.8	9.4	<0.001	0.01	0.39	5	0.4	0.5	20.9	0.01	0.05	1.2
G000541		0.74	12.9	710	10.6	13.3	<0.001	0.01	0.32	4.8	0.4	0.5	34.7	<0.01	0.04	0.6
G000542		0.59	13.6	1000	10.5	6.9	<0.001	<0.01	0.48	6.1	0.2	0.4	11.7	<0.01	0.09	1.8
G000543		0.68	8.3	450	8.5	7	<0.001	<0.01	0.19	3.5	<0.2	0.4	18.3	<0.01	0.02	0.6
G000544		0.99	9.1	1410	10.7	6.8	<0.001	<0.01	0.35	4.6	0.2	0.5	10.4	0.01	0.06	1.7
G000545		0.87	8.7	970	8.1	6.9	<0.001	<0.01	0.35	4	0.2	0.3	8.2	0.01	0.06	1.5
G000546		0.7	9.8	720	8.1	3.9	<0.001	<0.01	0.49	6.3	0.3	0.3	9.2	0.01	0.07	1.7
G000547		1.04	12.8	1530	17.6	8.5	<0.001	0.07	0.22	3	0.6	0.6	61	<0.01	0.06	0.3
G000548		0.63	12.1	870	7.6	5.8	<0.001	<0.01	0.4	5.6	0.2	0.3	10.1	<0.01	0.08	1.8
G000549		0.74	6.9	450	7.7	7.5	<0.001	0.01	0.19	2.8	0.2	0.4	33.6	<0.01	0.03	0.4
G000550		0.95	11.4	610	6.3	8.3	<0.001	<0.01	0.28	4.5	0.3	0.4	18.7	<0.01	0.03	1.1
G000551		0.87	10.4	610	6	6.9	<0.001	<0.01	0.27	3.6	0.2	0.4	22.4	<0.01	0.03	0.8
G000552		2.06	12.6	1620	11.8	11.4	<0.001	0.01	0.33	6.2	0.2	0.7	12.2	0.02	0.03	2
G000553		0.72	6.8	450	7.6	7.6	<0.001	<0.01	0.29	3	0.2	0.4	21.7	<0.01	0.02	0.3
G000554		0.69	9	590	13.1	9.5	<0.001	0.01	0.27	3.7	0.3	0.4	35.6	<0.01	0.03	0.8
G000555		1.16	15.5	940	10.7	9.4	<0.001	<0.01	0.39	5.7	0.4	0.5	24	<0.01	0.05	1.3
G000556		0.9	9.5	850	8	9	<0.001	<0.01	0.35	4.4	0.2	0.4	13	0.01	0.06	1.3
G000557		1.23	8.9	780	9.2	8.5	<0.001	<0.01	0.31	4.9	0.3	0.5	11	0.01	0.03	1.2
G000558		0.63	6.5	340	8.8	6.2	<0.001	0.01	0.21	2.6	0.2	0.4	20.3	<0.01	0.02	0.3
G000559		0.59	5.2	280	7.7	6.8	<0.001	<0.01	0.17	2.5	<0.2	0.4	18.1	<0.01	0.01	0.3
G000560		<0.05	0.3	20	0.5	0.2	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.8	<0.01	<0.01	0.2
G000561		0.96	7.5	1020	8.3	5.3	<0.001	<0.01	0.25	3.3	0.3	0.5	12.1	<0.01	0.04	0.6
G000562		0.71	4.9	570	8	5.7	<0.001	<0.01	0.19	2.7	<0.2	0.4	13.9	<0.01	0.02	0.5
G000563		1.49	9	1100	9.3	6.9	<0.001	0.01	0.35	4.6	0.3	0.5	7.7	0.02	0.05	1.4
G000564		0.69	9.5	1400	10.1	5.8	<0.001	0.01	0.41	4.2	0.2	0.5	10.6	<0.01	0.1	0.9
G000565		3.19	9.3	1820	11.9	7.5	<0.001	0.01	0.31	4.2	0.2	1	11.2	<0.01	0.04	1
G000566		0.66	2.7	410	7.9	4.4	<0.001	0.01	0.12	1.7	0.2	0.5	8.4	<0.01	0.01	0.2
G000567		0.83	4.5	460	7.9	6.6	<0.001	0.02	0.13	2.1	0.2	0.5	19.1	<0.01	0.01	0.4



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Project: REM07-35

CERTIFICATE OF ANALYSIS TR07102230
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	T	TI	U	V	W	Y	Zn	Zr
	Units LOR	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000528		0.015	0.18	2.07	53	0.22	17.6	111	1
G000529		0.05	0.12	0.44	48	0.21	4.84	86	1
G000530		0.057	0.12	0.49	55	0.22	5.6	98	2.8
G000531		0.05	0.11	0.48	56	0.21	4.34	90	2.5
G000532		0.044	0.17	0.49	67	0.15	3.34	69	2.9
G000533		0.056	0.12	0.39	61	0.25	4.87	88	1.4
G000534		0.035	0.13	0.5	42	0.17	7.53	77	<0.5
G000535		0.039	0.09	0.35	44	0.21	3.2	97	1.4
G000536		0.052	0.11	0.41	49	0.2	4.91	120	3.1
G000537		0.037	0.07	0.29	44	0.14	2.51	52	0.7
G000538		0.046	0.1	0.69	49	0.21	9.7	80	<0.5
G000539		0.029	0.11	0.61	51	0.2	8.32	119	<0.5
G000540		0.057	0.11	0.5	46	0.25	7.78	88	1
G000541		0.033	0.13	0.7	50	0.17	10.05	98	<0.5
G000542		0.047	0.11	0.48	63	0.16	5.32	80	1.4
G000543		0.039	0.09	0.34	44	0.12	3.61	57	<0.5
G000544		0.045	0.14	0.42	53	0.19	2.93	64	2.3
G000545		0.052	0.11	0.36	53	0.19	3.8	50	2.4
G000546		0.067	0.1	0.53	55	0.19	8.67	51	3.2
G000547		0.019	0.12	1.07	66	0.15	12.05	94	<0.5
G000548		0.058	0.09	0.48	54	0.16	4.9	55	4.7
G000549		0.042	0.08	0.35	34	0.12	5.71	52	<0.5
G000550		0.051	0.1	0.49	47	0.15	6.15	73	0.8
G000551		0.046	0.09	0.43	43	0.15	5.11	67	<0.5
G000552		0.053	0.13	0.52	54	0.16	7.17	123	3.3
G000553		0.045	0.09	0.43	39	0.13	6.16	58	<0.5
G000554		0.026	0.12	0.48	42	0.14	9.7	71	<0.5
G000555		0.039	0.14	0.49	55	0.19	6.99	133	1.4
G000556		0.056	0.12	0.37	54	0.17	5.17	46	1.6
G000557		0.05	0.13	0.37	51	0.16	7.95	71	2.6
G000558		0.036	0.1	0.26	38	0.13	3.68	48	<0.5
G000559		0.036	0.08	0.24	32	0.12	4.15	38	<0.5
G000560		<0.005	<0.02	0.08	<1	<0.05	0.71	3	0.5
G000561		0.039	0.08	0.33	44	0.17	3.21	46	<0.5
G000562		0.039	0.07	0.23	43	0.14	2.05	62	<0.5
G000563		0.046	0.1	0.36	52	0.17	4.16	90	4
G000564		0.051	0.16	0.26	79	0.21	2.88	74	1.3
G000565		0.049	0.14	0.33	73	0.24	3.14	129	1.2
G000566		0.029	0.1	0.17	23	0.09	1.6	36	<0.5
G000567		0.017	0.14	0.25	28	0.09	2.49	41	<0.5



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CERTIFICATE OF ANALYSIS	TR07102230
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Sample Description	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Recvd Wt	Au	Ag	Al	As	Au	B	Ba	Be	B	Ca	Cd	Ce	Co	Cr	
	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOR	0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	3.01	0.01	0.01	0.02	0.1	1	
G000568	0.36	0.010	0.05	1.36	4.7	<0.2	<10	120	0.27	0.14	0.36	4.42	12.3	5.5	15	
G000569	0.52	0.003	0.25	3.3	10	<0.2	<10	80	0.48	0.18	0.12	1.61	12.75	9.9	23	
G000570	0.32	0.004	0.11	2.7	8	<0.2	<10	50	0.21	0.19	0.09	0.13	8.05	3.8	17	
G000571	0.38	0.008	0.11	2.52	5.7	<0.2	<10	50	0.22	0.17	0.09	0.13	7.93	3.7	15	
G000572	0.46	<0.001	0.08	1.79	8.6	<0.2	<10	90	0.23	0.17	0.18	0.2	18.05	6.6	18	
G000573	0.72	0.005	0.05	2.11	3.7	<0.2	<10	90	0.27	0.12	0.26	0.04	14.7	4.9	16	
G000574	0.50	0.003	0.09	1.05	2.7	<0.2	<10	70	0.1	0.11	0.19	0.05	8.8	3.7	11	
G000575	0.40	0.001	0.1	3.56	9.4	<0.2	<10	100	0.52	0.22	0.12	0.11	12.05	10.3	20	
G000576	0.34	<0.001	0.16	1.78	4.4	<0.2	<10	110	0.2	0.18	0.16	0.16	9.91	6	18	
G000577	0.36	0.002	0.14	1.16	2.1	<0.2	<10	90	0.24	0.14	0.19	0.11	12	2.8	9	
G000578	0.54	0.005	0.07	2.02	5.5	<0.2	<10	90	0.21	0.17	0.1	0.09	11.85	4.5	15	
G000579	0.42	0.002	0.21	1.92	4.3	<0.2	<10	60	0.19	0.19	0.15	0.08	9.8	3.6	16	
G000580	0.32	0.003	0.1	0.97	2.4	<0.2	<10	40	0.13	0.15	0.11	0.08	8.12	2.2	9	
G000581	0.50	0.001	0.1	2.47	8.6	<0.2	<10	110	0.43	0.16	0.09	0.1	21	6.3	18	
G000582	0.42	0.002	0.11	1.15	2.1	<0.2	<10	110	0.1	0.14	0.2	0.07	9.09	4.1	11	
G000583	0.34	0.001	0.09	1.49	3.1	<0.2	<10	70	0.13	0.21	0.09	0.08	11.5	2.3	10	
G000584	0.34	0.001	0.09	2.94	8.8	<0.2	<10	80	0.37	0.25	0.1	0.09	15.35	7.1	21	
G000585	0.32	<0.001	0.08	1.51	3.3	<0.2	<10	110	0.21	0.29	0.29	0.13	17.2	5.8	17	
G000586	0.44	0.003	0.09	1.96	3.8	<0.2	<10	110	0.28	0.24	0.24	0.1	16.75	5.7	17	
G000587	0.44	0.001	0.19	2.91	6.7	<0.2	<10	90	0.44	0.25	0.11	0.16	16.6	7.1	19	
G000588	0.46	0.004	0.13	2.39	9.5	<0.2	<10	80	0.33	0.21	0.11	0.15	12.7	6.5	17	
G000589	0.36	0.003	0.09	2.3	9.4	<0.2	<10	90	0.43	0.23	0.12	0.18	18.4	7.3	19	
G000590	0.46	<0.001	0.19	1.69	4.1	<0.2	<10	70	0.3	0.21	0.12	0.11	13.3	5.5	15	
G000591	0.38	0.009	0.16	1.44	3.5	<0.2	<10	70	0.28	0.2	0.11	0.1	13.25	4.5	13	
G000592	0.38	0.005	0.08	1.16	2.6	<0.2	<10	90	0.17	0.19	0.16	0.09	14.05	3.7	12	
G000593	0.34	0.004	0.14	1.51	6.3	<0.2	<10	100	0.25	0.17	0.22	0.2	12	4.9	14	
G000594	0.54	0.022	0.1	1.74	11.2	<0.2	<10	80	0.31	0.15	0.14	0.23	23	7.6	18	
G000595	0.34	NSS	0.25	2.22	3.8	<0.2	<10	150	0.73	0.24	0.31	0.29	36.7	6.9	16	
G000596	0.34	0.024	0.16	1.99	3.2	<0.2	<10	110	0.62	0.18	0.3	0.16	25.2	5.9	15	
G000597	0.42	0.007	0.08	1.38	2.6	<0.2	<10	80	0.23	0.16	0.22	0.11	17.45	4	12	
G000598	0.54	0.005	0.09	2.92	8.2	<0.2	<10	110	0.46	0.24	0.09	0.14	18.45	5.7	19	
G000599	0.34	0.006	0.1	1.47	4.1	<0.2	<10	70	0.27	0.17	0.18	0.11	9.77	3.6	11	
G000600	0.10	0.001	0.01	0.02	0.1	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.42	0.1	<1	
G000601	0.42	0.003	0.2	2.43	9.2	<0.2	<10	80	0.27	0.21	0.1	0.11	12.2	4.6	15	
G000602	0.32	NSS	0.37	4.04	13	<0.2	<10	210	1.37	0.32	0.47	0.31	45.2	17.8	24	
G000603	0.32	0.009	0.09	2.73	5	<0.2	<10	140	0.65	0.19	0.39	0.11	20.9	8.2	20	
G000604	0.42	0.006	0.07	1.85	4.5	<0.2	<10	100	0.34	0.3	0.34	0.11	19.8	6.6	18	
G000605	0.38	0.005	0.12	0.51	0.7	<0.2	<10	40	0.07	0.13	0.11	0.07	7.71	1	5	
G000606	0.38	0.004	0.16	1.99	5.6	<0.2	<10	80	0.37	0.23	0.18	0.22	14.05	5.8	14	
G000607	0.42	0.001	0.2	1.36	5.1	<0.2	<10	50	0.23	0.18	0.1	0.16	8.84	3.4	11	



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000568		1.56	56.9	2.19	4.93	<0.05	0.02	0.02	0.034	0.02	7	13.6	0.38	409	5.4	0.01
G000569		2.62	31.1	3.59	6.45	<0.05	0.07	0.05	0.055	0.05	5.6	11.2	0.41	953	1.41	0.01
G000570		1.36	16.5	3.28	9.16	<0.05	0.09	0.08	0.044	0.03	4.3	12.2	0.24	187	1.47	<0.01
G000571		1.41	15.2	2.49	7.02	<0.05	0.08	0.08	0.034	0.02	4.2	10.5	0.23	171	1.11	<0.01
G000572		1.66	27	2.84	5.82	<0.05	0.09	0.05	0.036	0.03	5.7	9.7	0.41	339	1.04	<0.01
G000573		1.08	20	1.76	4.82	<0.05	0.09	0.03	0.03	0.02	7.5	9.3	0.37	219	0.66	<0.01
G000574		0.93	8.6	1.56	5.03	<0.05	0.02	0.01	0.016	0.02	4.5	5.7	0.3	266	0.56	0.01
G000575		2.24	21	3.64	7.77	0.05	0.1	0.06	0.049	0.04	6.2	12.8	0.39	320	1.42	0.01
G000576		1.29	13.1	2.37	5.77	<0.05	0.04	0.06	0.025	0.05	4.8	9.5	0.4	1090	0.7	0.01
G000577		1.17	8	1.49	4.59	<0.05	<0.02	0.02	0.017	0.03	7.2	6	0.18	156	0.5	0.01
G000578		1.48	14.2	2.42	6.75	<0.05	0.04	0.04	0.031	0.03	4.7	9.5	0.3	212	0.87	0.01
G000579		1.32	13.4	1.65	6.87	<0.05	0.02	0.07	0.031	0.03	4.9	9	0.28	178	0.79	0.01
G000580		1.02	7	1.42	4.3	<0.05	<0.02	0.02	0.015	0.02	4.2	4.3	0.14	112	0.57	0.01
G000581		1.43	22.4	2.7	5.64	<0.05	0.12	0.11	0.034	0.03	6.2	8.8	0.33	245	1.09	<0.01
G000582		1.24	8.4	1.58	4.56	<0.05	<0.02	0.01	0.018	0.02	4.5	6.7	0.3	352	0.49	0.01
G000583		1.17	7.5	1.71	7.74	<0.05	<0.02	0.05	0.022	0.03	6	8.1	0.15	126	0.62	<0.01
G000584		2.33	14	3.19	7.09	<0.05	0.1	0.06	0.04	0.04	7.4	10.3	0.32	292	1.09	0.01
G000585		1.63	13.9	2.14	5.63	<0.05	<0.02	0.03	0.028	0.04	8.8	9.3	0.41	620	0.67	0.01
G000586		2.07	14.4	2.53	6.9	<0.05	<0.02	0.03	0.031	0.03	9.1	12.5	0.43	292	0.69	0.01
G000587		2.12	16.7	2.88	7.04	<0.05	0.09	0.1	0.04	0.04	7.6	10.7	0.32	628	1.05	0.01
G000588		1.96	14.8	3.46	7.14	<0.05	0.05	0.07	0.039	0.04	6.1	12	0.29	817	1.24	0.01
G000589		1.85	17.7	3.17	6.25	0.05	0.09	0.06	0.036	0.04	7.5	9.1	0.31	239	1.46	0.01
G000590		1.8	11.6	2.14	6.07	<0.05	<0.02	0.04	0.023	0.03	7	7.5	0.29	345	0.88	0.01
G000591		1.59	10.8	1.89	5.47	<0.05	<0.02	0.04	0.02	0.03	6.8	6.3	0.25	263	0.77	<0.01
G000592		1.7	7.9	1.5	4.15	<0.05	<0.02	0.06	0.018	0.03	7.6	7.9	0.3	190	0.44	0.01
G000593		1.37	13.9	2.47	5.57	<0.05	<0.02	0.04	0.027	0.04	5.7	7.5	0.26	437	0.77	<0.01
G000594		1.57	23.8	3.27	4.91	<0.05	0.11	0.03	0.032	0.04	6.5	8.2	0.41	632	1.04	<0.01
G000595		2.05	24.2	2.16	6.64	0.05	0.03	0.05	0.036	0.04	20.9	11.1	0.37	397	1.25	0.01
G000596		1.9	22.6	1.95	6.62	<0.05	0.02	0.03	0.035	0.05	13.7	8.9	0.32	326	0.82	0.01
G000597		1.47	12.9	1.62	5.23	<0.05	0.02	0.03	0.022	0.02	8.9	9	0.29	176	0.56	0.01
G000598		2.13	20	2.81	8.15	<0.05	0.08	0.07	0.04	0.03	9.4	11.9	0.33	256	1.27	<0.01
G000599		1.51	9.9	1.99	6.95	<0.05	0.02	0.03	0.027	0.04	5.3	9.1	0.2	152	1.12	0.01
G000600		<0.05	0.7	0.03	0.09	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.1	<0.01	<5	0.06	<0.01
G000601		1.59	11.9	2.94	8.8	0.05	0.03	0.12	0.036	0.03	6.7	11.2	0.19	161	1.15	0.01
G000602		3.48	35.9	4.39	13.55	0.1	0.06	0.05	0.08	0.06	21.1	19.7	0.5	2450	2.92	0.01
G000603		2.93	20.8	2.7	9.18	0.06	0.03	0.04	0.048	0.05	12	19.7	0.58	353	0.87	0.02
G000604		2.03	14.8	2.43	7	0.05	<0.02	0.03	0.033	0.04	10.6	12.2	0.49	454	0.75	0.02
G000605		0.5	3.7	0.68	3.3	<0.05	<0.02	0.01	0.01	0.02	4.1	1.2	0.06	74	0.39	0.01
G000606		1.64	11.7	2.39	7.57	0.05	0.03	0.05	0.036	0.04	7.7	11.6	0.25	478	0.79	0.01
G000607		1.11	7.7	2.26	6.39	<0.05	0.02	0.05	0.025	0.02	5.1	7.5	0.15	187	1.15	0.01





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		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000568		0.6	7	230	13	4	0.001	<0.01	0.25	4	0.5	0.4	25.6	<0.01	0.17	0.6
G000569		1	12.8	1700	22	12.3	<0.001	0.01	0.47	5.7	0.4	0.5	8.9	0.01	0.16	1.3
G000570		1.43	6.5	970	9.8	5.7	<0.001	0.01	0.37	3.8	0.3	0.6	8	0.01	0.07	1.2
G000571		1.26	6.3	760	8	5.3	<0.001	0.01	0.29	3.7	0.3	0.5	7.4	0.01	0.05	2.6
G000572		0.68	10.7	1210	16.1	7.6	<0.001	<0.01	0.41	4.5	0.2	0.4	15	<0.01	0.09	1.4
G000573		0.81	9.9	650	5.9	3	0.001	0.03	0.27	4.3	0.3	0.3	11.9	0.01	0.02	1
G000574		0.69	5.7	320	5.5	4.5	<0.001	0.01	0.18	2.8	<0.2	0.4	11.3	<0.01	0.02	0.6
G000575		3.58	15.3	1970	10.8	9.7	<0.001	0.01	0.38	4.6	0.4	0.8	10.9	0.02	0.08	1.4
G000576		0.66	9	1200	6.7	10.2	<0.001	0.01	0.26	3.1	0.3	0.4	10.6	<0.01	0.03	0.8
G000577		0.55	4.3	290	7	5.3	<0.001	<0.01	0.19	2.5	0.2	0.3	18.2	<0.01	0.02	0.5
G000578		1.43	8.8	670	7.9	5.5	<0.001	0.01	0.3	3.3	0.2	0.5	9.3	<0.01	0.04	0.9
G000579		0.94	8.2	470	7.8	4.1	<0.001	0.02	0.25	3.1	0.3	0.4	12.6	<0.01	0.03	0.6
G000580		0.56	3.6	280	6.6	5.4	<0.001	<0.01	0.18	2	<0.2	0.3	8.6	<0.01	0.02	0.6
G000581		1.48	10.6	740	8.2	5.6	<0.001	0.01	0.41	5.2	0.4	0.4	8.3	0.02	0.06	1.6
G000582		0.67	5.8	260	5.6	6.4	<0.001	<0.01	0.17	2.5	<0.2	0.4	13.8	<0.01	0.02	0.5
G000583		1.44	3.9	700	8.3	4.9	<0.001	0.01	0.18	2.3	0.2	0.6	8.1	<0.01	0.03	0.7
G000584		0.89	11.1	1190	11.8	10.5	<0.001	0.01	0.41	4.1	0.2	0.5	11.6	<0.01	0.05	1.7
G000585		0.75	9.6	440	9.5	12.1	<0.001	0.01	0.26	3.2	0.2	0.4	21.7	<0.01	0.03	0.8
G000586		0.91	10.2	450	9.2	9.8	<0.001	0.01	0.33	3.5	0.2	0.5	16.8	<0.01	0.03	0.8
G000587		2.16	9.7	1560	10.4	9.1	<0.001	0.01	0.38	4.6	0.3	0.6	10.1	0.02	0.06	1.5
G000588		1.59	8.1	1640	12.1	9.3	<0.001	0.01	0.39	3.4	0.3	0.6	12	0.01	0.07	1.4
G000589		1.61	10.2	670	11.5	9.2	<0.001	0.01	0.49	4	0.2	0.5	10.3	0.01	0.07	1.6
G000590		0.93	7.4	520	9.4	8.5	<0.001	0.01	0.28	2.9	0.2	0.5	10.6	<0.01	0.02	0.9
G000591		0.84	6.6	440	8.6	7.6	<0.001	<0.01	0.26	2.7	0.2	0.4	10.4	<0.01	0.02	0.8
G000592		0.6	6.9	270	7.9	7.3	<0.001	<0.01	0.2	2.2	<0.2	0.3	13.4	<0.01	0.02	0.7
G000593		0.74	7	790	10.4	9.3	<0.001	0.01	0.34	2.9	0.3	0.4	18.2	<0.01	0.05	0.5
G000594		0.74	10	960	11.4	5.7	<0.001	<0.01	0.46	5.1	0.3	0.4	8.5	0.01	0.08	1.3
G000595		0.83	9.4	630	11.3	8.2	0.001	0.02	0.31	4.2	0.7	0.5	27.1	<0.01	0.03	0.6
G000596		0.71	9.1	630	9.3	8.2	<0.001	0.01	0.24	3.4	0.4	0.5	23.8	<0.01	0.02	0.4
G000597		0.87	6.9	160	8.3	5	<0.001	<0.01	0.24	3.2	0.2	0.4	17.4	<0.01	0.02	0.7
G000598		1.19	10.2	820	9.8	7.5	<0.001	0.01	0.47	5.6	0.3	0.5	9.3	0.01	0.05	1.6
G000599		0.92	6.2	400	8.3	8.5	<0.001	0.01	0.28	3.8	0.2	0.5	13.2	<0.01	0.03	0.6
G000600		<0.05	0.4	10	0.6	0.2	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
G000601		1.47	6.6	860	9.3	7.5	<0.001	<0.01	0.47	3.8	0.3	0.6	12.6	0.01	0.04	1.2
G000602		1.42	19.2	1060	23.5	12.4	<0.001	0.02	0.48	8.6	0.9	0.8	39.9	0.01	0.08	1.1
G000603		1.13	13.6	410	9.7	11.2	<0.001	0.01	0.25	7.1	0.4	0.6	29.4	<0.01	0.03	0.9
G000604		0.81	11.1	320	10	12.9	<0.001	<0.01	0.35	4.4	0.3	0.4	24.8	<0.01	0.04	0.4
G000605		0.42	1.5	150	5.3	2.6	<0.001	<0.01	0.11	1.5	<0.2	0.3	10.5	<0.01	0.01	0.3
G000606		1.24	7.8	1130	9.8	8.6	<0.001	0.01	0.35	3.9	0.4	0.5	13.7	<0.01	0.03	0.9
G000607		0.86	5.1	540	8.3	6.1	<0.001	<0.01	0.28	3.1	0.2	0.4	9.8	<0.01	0.03	0.7



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Project: REM07-35

CERTIFICATE OF ANALYSIS TR07102230
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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	T	TI	U	V	W	Y	Zn	Zr
	Units LOR	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000568		0.043	0.1	0.3	48	0.12	11.25	792	0.6
G000569		0.06	0.16	0.41	65	0.2	4.29	547	2.3
G000570		0.05	0.1	0.29	66	0.22	2.17	71	2.5
G000571		0.044	0.08	0.4	51	0.18	2.41	69	2.4
G000572		0.048	0.13	0.3	55	0.17	3.82	89	2.9
G000573		0.048	0.1	0.38	41	0.14	5.75	49	2.6
G000574		0.052	0.06	0.22	39	0.1	2.34	38	0.6
G000575		0.053	0.12	0.35	62	0.25	3.91	111	4.2
G000576		0.036	0.07	0.27	47	0.6	2.6	91	1.2
G000577		0.036	0.08	0.23	32	0.12	4.91	33	<0.5
G000578		0.049	0.1	0.26	47	0.16	2.35	64	1.4
G000579		0.042	0.09	0.33	43	0.13	2.79	44	0.7
G000580		0.037	0.06	0.22	33	0.15	1.68	29	0.5
G000581		0.058	0.09	0.5	50	0.21	5.21	64	4.2
G000582		0.039	0.06	0.34	34	0.11	2.22	48	<0.5
G000583		0.035	0.07	0.26	39	0.15	2.06	46	<0.5
G000584		0.046	0.1	0.38	59	0.17	3.62	69	3.1
G000585		0.045	0.07	0.39	45	0.19	4.11	75	<0.5
G000586		0.049	0.09	0.34	50	0.2	4.57	79	<0.5
G000587		0.061	0.11	0.4	53	0.23	4.86	107	3
G000588		0.034	0.11	0.33	61	0.21	2.55	93	1.6
G000589		0.05	0.08	0.42	59	0.22	3.62	78	3.2
G000590		0.035	0.12	0.31	44	0.15	2.61	56	0.6
G000591		0.031	0.09	0.29	40	0.14	2.55	47	0.5
G000592		0.03	0.06	0.3	31	0.1	2.47	53	<0.5
G000593		0.034	0.08	0.23	50	0.17	3.8	65	<0.5
G000594		0.052	0.12	0.32	61	0.18	6.12	106	3.7
G000595		0.025	0.13	0.84	43	0.2	17.15	85	<0.5
G000596		0.027	0.11	0.53	39	0.31	9.59	64	<0.5
G000597		0.033	0.08	0.39	35	0.16	5.37	57	0.5
G000598		0.035	0.12	0.51	55	0.21	6.72	75	2.8
G000599		0.033	0.1	0.25	46	0.16	2.95	54	0.7
G000600		<0.005	<0.02	0.1	1	<0.05	0.72	3	0.7
G000601		0.033	0.09	0.34	49	0.17	2.59	49	1.3
G000602		0.022	0.22	0.83	79	0.24	24	154	1
G000603		0.031	0.12	0.53	55	0.16	10.4	105	0.8
G000604		0.054	0.09	0.52	53	0.22	6.16	78	<0.5
G000605		0.033	0.06	0.14	20	0.08	1.25	14	<0.5
G000606		0.042	0.1	0.34	45	0.22	5.96	82	0.8
G000607		0.047	0.13	0.2	50	0.15	2.46	47	0.9



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000608		0.48	0.005	0.08	1.41	5.9	<0.2	<10	70	0.23	0.14	0.18	0.05	8.86	6.5	13
G000609		0.46	0.003	0.09	1.39	4.8	<0.2	<10	70	0.26	0.15	0.16	0.12	10.7	3.8	11
G000610		0.30	0.003	0.22	2.73	5.5	<0.2	<10	160	0.52	0.26	0.42	0.3	18.85	11.3	18
G000611		0.38	0.009	0.19	2.74	5.5	<0.2	<10	160	0.49	0.27	0.39	0.23	17.8	10.6	17
G000612		0.36	<0.001	0.14	2.11	3	<0.2	<10	120	0.51	0.19	0.28	0.21	16.5	6.3	13
G000613		0.38	0.005	0.07	1.21	1.6	<0.2	<10	70	0.12	0.15	0.18	0.09	9.98	3.4	11
G000614		0.38	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G000615		0.36	0.002	0.04	0.61	1.1	<0.2	<10	70	0.09	0.13	0.19	0.09	9.47	1.6	5
G000616		0.56	0.002	0.13	1.29	3.1	<0.2	<10	70	0.13	0.14	0.16	0.08	9.07	4.4	13
G000617		0.36	0.004	0.14	1.01	1.5	<0.2	<10	70	0.16	0.13	0.2	0.1	10.8	4.1	10
G000618		Not Recvd														
G000619		0.32	0.022	0.09	1.8	2.7	<0.2	<10	90	0.2	0.2	0.16	0.08	10.85	7.8	33
G000620		0.34	0.007	0.21	2.37	12.2	<0.2	<10	120	0.23	0.27	0.3	0.13	13.15	11.7	44
G000621		0.32	0.006	0.25	1.26	5.1	<0.2	<10	200	0.19	0.26	0.39	0.47	11.55	7.7	20
G000622		0.40	<0.001	0.13	1.69	6.6	<0.2	<10	120	0.27	0.22	0.2	0.24	12.55	8.8	21
G000623		0.48	0.138	0.17	2.19	6.4	<0.2	<10	80	0.26	0.19	0.14	0.13	9.55	7.1	22
G000624		0.32	NSS	0.97	4.21	14.1	<0.2	<10	410	1.13	0.3	1.75	1.03	47.1	17	30
G000625		0.36	0.007	0.16	2.22	6.3	<0.2	<10	100	0.49	0.22	0.32	0.17	19.55	11.9	22
G000626		0.46	0.003	0.38	1.93	6.7	<0.2	<10	130	0.45	0.21	0.54	0.24	12.95	10	18
G000627		0.38	0.002	0.23	1.55	11.1	<0.2	<10	70	0.22	0.27	0.13	0.19	10.85	6.6	20
G000628		0.48	0.038	0.06	1.13	3.7	<0.2	<10	70	0.18	0.26	0.14	0.09	10.55	5.8	11
G000629		0.40	0.005	0.19	2.34	13.6	<0.2	<10	90	0.35	0.22	0.2	0.15	13.6	13.3	22
G000630		0.32	0.011	0.26	2.47	9.1	<0.2	<10	180	0.68	0.21	0.63	0.37	24.5	11	22
G000631		0.26	0.014	0.31	2.38	7.7	<0.2	<10	170	0.59	0.21	0.57	0.44	27.1	10.7	20
G000632		0.46	0.006	0.25	2.39	8.9	<0.2	<10	120	0.53	0.22	0.37	0.34	17.95	9.8	21
G000633		0.40	0.006	0.99	4.19	18.4	<0.2	10	330	0.82	0.28	2.39	0.82	38.7	15.3	31
G000634		0.46	0.005	0.32	2.36	13.3	<0.2	<10	130	0.42	0.23	0.49	0.34	16.1	9.5	21
G000635		0.52	0.292	0.11	2.67	15.2	<0.2	<10	160	0.47	0.19	0.41	0.2	16	14	25
G000636		0.46	0.009	0.23	2	7.8	<0.2	<10	130	0.56	0.17	0.48	0.22	18.95	9.9	24
G000637		0.50	0.002	0.13	1.63	8.3	<0.2	<10	110	0.3	0.15	0.33	0.16	14.8	9.5	22
G000638		0.30	0.013	0.52	3.15	10.1	<0.2	<10	220	0.69	0.25	1.46	0.6	22.3	14	29
G000639		0.32	0.004	0.08	0.92	5.9	<0.2	<10	70	0.08	0.22	0.14	0.09	9.21	2.6	12
G000640		0.18	0.004	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.13	0.1	<1
G000641		0.36	0.002	0.19	2.61	11.2	<0.2	<10	90	0.38	0.19	0.16	0.15	13.65	10.5	24
G000642		0.28	0.007	0.53	1.31	5.8	<0.2	<10	170	0.33	0.19	1.79	0.54	10.35	4	11
G000643		0.32	0.015	0.31	2.4	8.8	<0.2	<10	190	0.56	0.18	0.75	0.32	16.65	10.5	23
G000644		0.28	0.001	0.24	1.38	3.6	<0.2	<10	140	0.27	0.19	0.35	0.2	13.05	9.7	15
G000645		0.24	<0.001	0.06	0.66	5.5	<0.2	<10	80	0.08	0.16	0.14	0.12	8.24	2.4	12
G000646		0.30	<0.001	0.17	1.62	5.2	<0.2	<10	110	0.28	0.11	0.39	0.21	14.6	8.9	18
G000647		0.38	<0.001	0.11	1.02	5.1	<0.2	<10	90	0.13	0.23	0.13	0.13	9.37	5	16



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000608		1.52	10.6	2.57	6.67	0.05	0.02	0.01	0.027	0.03	4.8	10.8	0.52	339	0.86	0.01
G000609		1.48	10.6	1.95	5.65	<0.05	0.03	0.03	0.025	0.03	5.6	7	0.19	223	0.94	0.01
G000610		2.64	19.3	2.66	10.2	0.05	0.02	0.03	0.051	0.05	9	18.7	0.52	1260	4.06	0.02
G000611		2.96	18	2.68	9.79	0.05	0.02	0.04	0.051	0.04	8.8	19.1	0.53	1180	3.73	0.02
G000612		2	15.4	1.9	7.77	0.05	0.02	0.03	0.037	0.04	9.1	12.7	0.33	454	1.62	0.01
G000613		1.48	7.1	1.14	6.03	<0.05	<0.02	0.02	0.019	0.03	5.4	7.2	0.25	141	0.67	0.01
G000614		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G000615		0.79	3.6	0.71	3.49	<0.05	<0.02	0.01	0.012	0.02	5.1	3.7	0.08	142	0.34	0.01
G000616		1.55	9.7	1.93	5.62	<0.05	<0.02	0.02	0.019	0.03	4.9	7.9	0.35	222	0.72	0.01
G000617		1.18	8.5	1.43	4.79	<0.05	0.02	0.02	0.019	0.03	6	8.7	0.28	258	0.53	0.01
G000618																
G000619		1.97	13.6	3.5	8.85	<0.05	0.06	0.02	0.026	0.04	6.1	9.7	0.55	259	0.59	0.01
G000620		1.6	14.3	4.02	12	0.06	0.06	0.04	0.041	0.05	7.2	18.3	0.84	327	0.83	0.02
G000621		1.74	15.9	2.69	6.07	<0.05	<0.02	0.04	0.025	0.08	5.9	5.6	0.3	837	0.87	0.01
G000622		1.91	15.6	3.41	8.11	0.05	0.02	0.02	0.033	0.04	6.9	13.1	0.41	357	0.89	0.01
G000623		1.62	14.3	3.81	9.31	0.05	0.04	0.06	0.035	0.03	5.3	15.3	0.41	239	1.28	0.02
G000624		5.2	78.4	4.13	11.55	0.13	0.17	0.1	0.067	0.1	32.9	57.3	0.88	2510	4.42	0.02
G000625		2.87	25.3	3.23	7.57	0.06	0.02	0.03	0.034	0.05	11	13.5	0.73	680	0.77	0.01
G000626		2.6	19.1	2.91	6.35	0.05	0.02	0.04	0.036	0.04	8	12.9	0.5	455	0.81	0.01
G000627		2.06	11.2	3.82	8.29	0.06	<0.02	0.04	0.032	0.04	5.5	11.5	0.33	283	1.05	0.01
G000628		1.32	9	1.98	5.47	<0.05	<0.02	0.01	0.022	0.03	5.5	7.2	0.22	356	0.61	0.02
G000629		2.09	26.6	4.17	7.43	0.05	0.03	0.04	0.042	0.05	5.4	14.4	0.58	436	1.12	0.01
G000630		2.84	38.7	3.23	7.45	0.06	0.03	0.05	0.044	0.06	16.2	13.8	0.56	764	0.76	0.02
G000631		2.46	33.2	3.05	7.63	0.07	0.03	0.06	0.044	0.06	18.1	13.2	0.51	721	0.77	0.01
G000632		2.97	29	3.3	7.6	0.06	0.02	0.04	0.037	0.05	9.9	14.3	0.65	936	1.07	0.02
G000633		4.06	53.7	4.26	11.35	0.1	0.13	0.02	0.066	0.31	22	18.9	0.93	1440	1.11	0.06
G000634		2.09	31.8	3.64	8.5	0.06	0.02	0.05	0.043	0.05	9.4	16.7	0.49	496	1.81	0.01
G000635		3.16	37.8	4.19	7.69	0.06	0.02	0.04	0.049	0.08	6.6	15.8	0.8	579	0.93	0.01
G000636		2.49	59.7	3.26	6.35	0.05	0.02	0.04	0.038	0.05	16.5	14.3	0.63	544	0.67	0.01
G000637		1.85	25.5	3.18	5.3	0.05	0.02	0.03	0.027	0.04	7	10.6	0.56	569	0.71	0.01
G000638		3.02	43.5	3.77	7.52	0.05	0.07	0.06	0.055	0.07	10.2	16.1	0.68	2280	0.86	0.02
G000639		0.9	7.4	2.28	6.35	<0.05	<0.02	0.02	0.017	0.03	4.7	3.3	0.15	126	0.61	0.01
G000640		<0.05	0.6	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	<0.05	<0.01
G000641		2.43	26.9	3.85	6.19	<0.05	0.08	0.04	0.04	0.05	5.4	13.2	0.56	414	0.8	0.01
G000642		1.58	25.4	1.62	4.05	<0.05	0.03	0.07	0.026	0.03	9.8	15.2	0.24	852	0.64	0.01
G000643		2.79	26.7	3.07	6.12	<0.05	0.04	0.05	0.036	0.06	13.4	11.4	0.64	787	0.77	0.01
G000644		1.74	17.8	2.46	5.69	<0.05	<0.02	0.04	0.024	0.04	7.6	8	0.3	616	0.57	0.01
G000645		1	9.9	1.93	4.51	<0.05	<0.02	0.03	0.013	0.03	4.3	1.5	0.11	101	0.66	0.01
G000646		2.05	19.7	2.93	4.86	0.05	0.03	0.04	0.029	0.04	7.2	10	0.62	646	0.51	0.01
G000647		1.29	11.1	2.69	5.55	<0.05	<0.02	0.02	0.018	0.03	4.9	4.3	0.21	336	0.71	0.01



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000608		0.99	9.2	290	8.7	6.5	<0.001	0.01	0.24	4.2	<0.2	0.4	11.9	<0.01	0.03	0.7
G000609		0.91	6.1	550	7.6	9	<0.001	0.01	0.26	3.5	0.2	0.5	12.5	<0.01	0.03	0.8
G000610		1.05	14.5	670	9.1	10.4	<0.001	0.04	0.26	5	0.6	0.6	31.6	<0.01	0.03	0.4
G000611		1	14.2	620	8.7	10.9	<0.001	0.03	0.27	5.5	0.5	0.6	29.3	<0.01	0.04	0.4
G000612		1.03	10.1	730	9.2	9.9	<0.001	0.02	0.23	4.2	0.4	0.5	20.5	<0.01	0.02	0.5
G000613		0.71	7.8	240	6.3	6.5	<0.001	0.01	0.15	2.6	<0.2	0.5	13.8	<0.01	0.01	0.2
G000614		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G000615		0.43	1.9	180	6.1	5	<0.001	<0.01	0.12	1.5	<0.2	0.3	17	<0.01	0.01	<0.2
G000616		0.78	7.5	460	6	7.1	<0.001	<0.01	0.24	3.1	0.2	0.4	13.2	<0.01	0.03	0.4
G000617		0.75	5.6	210	6.1	6.4	<0.001	<0.01	0.19	3.3	0.2	0.4	15.2	<0.01	0.01	0.6
G000618																
G000619		1.25	23.4	450	10.7	5.3	<0.001	<0.01	0.27	4.1	0.2	0.6	16.8	<0.01	0.03	0.9
G000620		1.84	35.2	2170	12.5	8.4	<0.001	0.01	0.44	5.7	0.3	0.7	26	<0.01	0.05	0.9
G000621		0.96	15.2	710	11	21.3	<0.001	0.01	0.38	3.1	0.2	0.5	37.2	0.01	0.05	0.2
G000622		1.55	11.7	630	11.9	11.4	<0.001	<0.01	0.46	4.4	0.2	0.6	17.9	<0.01	0.06	0.7
G000623		2.16	12.1	530	8.8	8.5	<0.001	0.01	0.49	4.7	0.2	0.7	14.2	<0.01	0.05	1
G000624		1.84	31.8	960	13.7	17.3	0.012	0.06	0.57	14.8	4	0.6	216	0.01	0.11	1
G000625		0.96	16.8	430	10.7	12.5	<0.001	<0.01	0.49	5.7	0.3	0.5	26.2	<0.01	0.06	0.6
G000626		1.06	12.7	480	11.6	10.7	<0.001	0.01	0.44	4.8	0.3	0.4	38.7	<0.01	0.07	0.7
G000627		1.71	8.3	860	12	10.5	<0.001	<0.01	0.54	4	0.2	0.6	11.2	<0.01	0.08	0.8
G000628		1	4.9	300	12	7.7	<0.001	0.01	0.37	3.2	0.2	0.4	13.1	<0.01	0.05	0.5
G000629		0.98	16.5	860	12.4	11	<0.001	0.01	0.76	5.5	0.3	0.4	14.9	<0.01	0.11	1
G000630		1.05	15.7	680	13.9	12.9	<0.001	0.02	0.48	6.7	0.7	0.5	37.2	<0.01	0.07	0.6
G000631		1.08	15	730	13.5	11.9	<0.001	0.02	0.46	6.1	0.6	0.5	35	<0.01	0.07	0.5
G000632		0.94	15.4	450	11.6	13.5	<0.001	0.01	0.49	6	0.3	0.5	23.1	<0.01	0.06	0.6
G000633		1.05	25.1	2010	16.8	22.1	<0.001	0.02	0.93	14.1	0.8	0.6	109.5	0.01	0.11	1.7
G000634		1.19	14.3	520	13.2	9.9	0.001	0.01	0.56	5.6	0.8	0.5	37.2	<0.01	0.09	0.4
G000635		0.95	23	870	14.1	11.5	<0.001	<0.01	0.96	7.2	0.3	0.4	25	<0.01	0.12	0.9
G000636		0.97	17	420	10.2	8.2	<0.001	0.02	0.58	7	0.4	0.4	27.7	<0.01	0.06	0.4
G000637		0.76	14.3	440	9.9	6.9	<0.001	0.02	0.53	4.7	0.2	0.4	18.7	<0.01	0.06	0.8
G000638		1.4	22.2	420	13.2	11.6	<0.001	0.04	0.52	9.1	0.8	0.5	49	<0.01	0.08	1.3
G000639		0.89	4.4	410	9.6	3.6	<0.001	0.02	0.36	2.5	<0.2	0.5	12.6	<0.01	0.04	0.6
G000640		<0.05	0.3	10	0.5	0.1	<0.001	0.02	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
G000641		0.81	18.1	960	10.8	10.1	<0.001	0.03	0.6	4.7	0.2	0.4	13.1	<0.01	0.07	1.3
G000642		0.81	7.1	590	8.4	6.1	<0.001	0.05	0.39	2.5	0.9	0.4	88.7	<0.01	0.06	0.2
G000643		0.99	17.5	520	10.4	9.9	<0.001	0.03	0.67	6	0.3	0.4	81.4	<0.01	0.06	0.8
G000644		0.62	8.1	420	10.4	5.8	<0.001	0.03	0.38	2.8	0.2	0.5	21.2	<0.01	0.03	0.2
G000645		0.33	4	230	7.1	4.7	<0.001	0.02	0.44	1.8	<0.2	0.3	13.2	<0.01	0.03	0.2
G000646		0.73	13.9	380	6.8	8.1	<0.001	0.03	0.54	4.2	0.2	0.3	27.4	<0.01	0.03	0.4
G000647		0.73	6.2	300	11.9	4.9	<0.001	0.02	0.39	2.8	<0.2	0.5	10.7	<0.01	0.04	0.5



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T %	TI ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000608		0.047	0.1	0.28	53	0.13	3.87	63	0.8
G000609		0.039	0.17	0.23	42	0.15	2.77	50	1.4
G000610		0.027	0.23	0.64	61	0.2	8.15	130	<0.5
G000611		0.025	0.24	0.65	54	0.21	7.7	118	<0.5
G000612		0.033	0.24	0.47	41	0.16	6.01	85	<0.5
G000613		0.035	0.13	0.26	31	0.1	2.39	45	<0.5
G000614		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
G000615		0.037	0.07	0.18	19	0.08	2.03	21	<0.5
G000616		0.046	0.07	0.25	40	0.13	2.49	48	<0.5
G000617		0.055	0.07	0.26	33	0.15	3.1	43	0.5
G000618									
G000619		0.069	0.06	0.29	78	0.14	2.11	42	2.9
G000620		0.114	0.06	0.44	68	0.23	3.34	87	2.7
G000621		0.065	0.08	0.28	59	0.18	2.78	59	<0.5
G000622		0.058	0.06	0.31	73	0.15	3.29	92	0.7
G000623		0.073	0.06	0.31	91	0.18	2.6	61	1.9
G000624		0.023	0.16	4.04	79	0.22	46.5	83	3.9
G000625		0.058	0.08	0.47	69	0.19	8.68	69	<0.5
G000626		0.034	0.08	0.49	60	0.17	6.27	84	0.5
G000627		0.052	0.09	0.27	86	0.21	2.31	71	0.5
G000628		0.043	0.06	0.21	50	0.2	2.46	39	<0.5
G000629		0.059	0.07	0.33	81	0.21	3.39	80	0.9
G000630		0.028	0.08	0.78	63	0.18	16.55	96	0.5
G000631		0.023	0.09	0.68	60	0.17	17.05	92	0.5
G000632		0.038	0.1	0.55	68	0.18	8.13	97	<0.5
G000633		0.069	0.09	0.99	92	0.19	27.5	207	3.8
G000634		0.035	0.08	0.55	81	0.2	9.51	75	<0.5
G000635		0.055	0.09	0.43	82	0.19	6.89	110	0.5
G000636		0.052	0.06	0.83	70	0.2	19.35	78	<0.5
G000637		0.053	0.06	0.38	72	0.17	5.59	76	0.5
G000638		0.027	0.12	0.8	79	0.15	11.5	100	2.2
G000639		0.056	0.05	0.22	62	0.16	1.57	30	0.5
G000640		<0.005	<0.02	0.08	<1	<0.05	0.65	3	0.6
G000641		0.054	0.08	0.35	75	0.18	2.94	83	2.6
G000642		0.024	0.06	0.65	34	0.17	9.68	62	0.7
G000643		0.032	0.1	0.64	65	0.18	12.55	75	1.1
G000644		0.038	0.05	0.29	59	0.17	5.12	52	<0.5
G000645		0.04	0.07	0.25	57	0.13	1.38	28	<0.5
G000646		0.05	0.07	0.37	63	0.15	6.99	68	<0.5
G000647		0.052	0.09	0.23	70	0.18	1.78	51	<0.5



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
G000648		0.44	<0.001	0.13	3.35	16	<0.2	<10	100	0.57	0.24	0.14	0.17	13.8	10.4	27
G000649		0.36	NSS	0.67	2.55	7.6	<0.2	<10	370	0.54	0.16	2.46	0.89	19.15	9.8	23
G000650		0.44	0.013	0.14	2.37	7.3	<0.2	<10	170	0.32	0.18	0.36	0.14	12.35	9.8	26
G000695		0.38	<0.001	0.24	2.28	4.9	<0.2	<10	130	0.44	0.2	0.17	0.14	14.8	4.9	14
G000696		0.28	0.001	0.23	1.83	2.6	<0.2	<10	130	0.51	0.27	0.23	0.15	19	4.4	16
G000697		0.46	<0.001	0.11	1.66	4.9	<0.2	<10	100	0.37	0.19	0.21	0.09	14	6.7	15
G000698		0.46	0.001	0.08	1.87	9.6	<0.2	<10	80	0.33	0.18	0.2	0.13	11.05	9.1	21
G000699		0.48	0.001	0.05	2.55	9.3	<0.2	<10	80	0.43	0.16	0.16	0.13	14.7	12.4	22
G000700		0.10	<0.001	<0.001	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.14	0.1	<1
G000701		0.40	<0.001	0.03	0.82	1.6	<0.2	<10	40	0.1	0.16	0.14	0.05	10.5	2.1	8
G000702		0.42	0.010	0.25	1.94	3.3	<0.2	<10	140	0.44	0.29	0.33	0.18	19.4	11.5	16
G000703		0.52	0.001	0.1	2.66	9	<0.2	<10	80	0.42	0.21	0.09	0.13	16.3	8.3	22
G000704		0.44	<0.001	0.12	1.86	4	<0.2	<10	90	0.33	0.29	0.22	0.09	19.05	6.4	17
G000705		0.38	<0.001	0.45	3.45	6.7	<0.2	<10	250	0.85	0.32	0.66	0.42	40.7	11.3	24
G000706		0.54	<0.001	0.15	2	3.4	<0.2	<10	130	0.42	0.26	0.34	0.14	20.6	6.2	19
G000707		0.42	0.012	0.12	1.94	3.1	<0.2	<10	90	0.35	0.26	0.2	0.09	17.05	5.6	17
G000708		0.40	0.002	0.12	1.92	2.6	<0.2	<10	80	0.32	0.34	0.23	0.1	20.9	3.4	15
G000709		0.54	0.003	0.08	2.2	7.5	<0.2	<10	100	0.35	0.25	0.15	0.1	19.2	5.9	20
G000710		0.44	<0.001	0.16	2	4	<0.2	<10	110	0.33	0.35	0.28	0.16	18.6	5.4	19
G000711		0.42	<0.001	0.19	1.79	3.6	<0.2	<10	110	0.33	0.33	0.28	0.16	19.65	5	17
G000712		0.48	0.001	0.15	3.25	9.5	<0.2	<10	90	0.4	0.36	0.13	0.16	17.4	7.8	24
G000713		0.44	0.001	0.07	1.31	5.3	<0.2	<10	70	0.25	0.18	0.24	0.2	14.5	4.2	13
G000714		0.54	<0.001	0.08	2.71	8.3	<0.2	<10	70	0.25	0.21	0.11	0.13	10.65	4.7	17
G000715		0.46	0.001	0.18	1.94	3.3	<0.2	<10	140	0.33	0.2	0.35	0.09	14.95	7.9	17
G000716		0.40	0.003	0.05	0.52	0.7	<0.2	<10	30	0.05	0.14	0.09	0.03	7.13	0.8	3
G000717		0.60	0.001	0.05	1.48	2	<0.2	<10	70	0.15	0.17	0.13	0.04	9.71	3.3	12
G000718		0.52	<0.001	0.07	1.04	1.8	<0.2	<10	50	0.16	0.15	0.14	0.07	8.8	3.4	10
G000719		0.44	<0.001	0.18	3.01	7.9	<0.2	<10	180	0.73	0.39	0.3	0.19	19.6	9.3	24
G000720		0.42	<0.001	0.13	1.84	3	<0.2	<10	190	0.48	0.22	0.39	0.2	21.6	7.8	13
G000721		0.56	0.001	0.09	1.19	3.1	<0.2	<10	80	0.15	0.17	0.2	0.06	9.14	4.3	12
G000722		0.46	<0.001	0.17	1.14	1.9	<0.2	<10	60	0.18	0.16	0.18	0.08	10.4	4.1	13
G000723		0.06	<0.001	0.2	2.77	3.3	<0.2	<10	150	0.55	0.25	0.23	0.07	14.65	7.2	18
G000724		0.48	<0.001	0.24	3.06	7.8	<0.2	<10	160	0.59	0.15	0.16	0.09	24.2	8.1	19
G000725		0.50	0.001	0.09	1.58	6.2	<0.2	<10	70	0.21	0.23	0.09	0.03	13.3	3.3	11
G000726		0.44	0.001	0.19	3.67	10.2	<0.2	<10	80	0.59	0.18	0.09	0.06	11.1	7.5	19
G000727		0.52	<0.001	0.17	2.13	4.6	<0.2	<10	90	0.36	0.15	0.16	0.06	9.84	7.6	15
G000728		0.54	<0.001	0.08	2.36	9.1	<0.2	<10	100	0.49	0.13	0.11	0.03	11.4	9.5	18
G000729		0.46	<0.001	0.06	1.24	2.5	<0.2	<10	40	0.13	0.14	0.09	0.02	8.92	2.5	8
G000730		0.42	<0.001	0.17	2.76	8.5	<0.2	<10	60	0.34	0.13	0.08	0.09	8.95	5.5	16
G000731		0.50	<0.001	0.18	2.88	8.8	<0.2	<10	60	0.36	0.13	0.08	0.08	9.17	6.8	17



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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000648		5.12	41.4	4.34	8.73	0.05	0.08	0.07	0.058	0.07	5.9	13.9	0.56	442	0.95	0.01
G000649		3.29	43.6	2.48	5.68	0.05	0.14	0.18	0.044	0.09	13.4	11.1	0.5	3660	2.66	0.02
G000650		1.42	20.7	4.17	7.79	0.05	0.03	0.03	0.037	0.05	5.5	11.8	0.56	347	1.16	0.01
G000695		2.35	17.6	2.21	6.87	<0.05	0.02	0.06	0.036	0.04	7.4	12.4	0.28	284	0.9	0.01
G000696		2.29	16	1.85	6.52	<0.05	<0.02	0.03	0.029	0.04	9.9	8.9	0.32	235	0.65	0.01
G000697		2.35	13.8	2.3	5.5	<0.05	0.02	0.03	0.028	0.03	7	10	0.39	384	0.65	<0.01
G000698		1.8	30.4	3.42	4.98	<0.05	0.03	0.01	0.034	0.05	5	9.5	0.52	421	0.63	0.01
G000699		2.07	50.7	4.16	6.19	0.05	0.13	0.03	0.036	0.05	4.9	11.2	0.75	517	0.73	0.01
G000700		<0.05	0.7	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
G000701		1.28	5.2	1.11	3.98	<0.05	0.02	0.01	0.015	0.02	5.2	3.7	0.16	162	0.43	0.01
G000702		3.12	15.7	2.17	6.71	<0.05	<0.02	0.04	0.036	0.05	8.7	9.9	0.33	1720	1.09	0.01
G000703		1.53	16.4	3.09	5.58	<0.05	0.09	0.07	0.034	0.03	5.9	9.4	0.35	283	0.99	0.01
G000704		1.63	12.7	2.5	5.92	<0.05	0.02	0.03	0.029	0.04	9.6	8.6	0.37	455	0.61	0.01
G000705		3	29.8	2.88	8.61	0.06	0.06	0.09	0.067	0.08	17.9	13.8	0.49	2090	1.31	0.02
G000706		2.39	19	2.07	5.82	<0.05	0.02	0.03	0.038	0.04	10.8	10.6	0.45	391	0.67	0.01
G000707		2.16	15.6	2.12	5.61	<0.05	0.02	0.04	0.033	0.04	8.8	10.1	0.41	356	0.72	0.01
G000708		1.89	13.8	1.75	7.31	<0.05	0.02	0.03	0.03	0.04	10.7	7.4	0.26	205	0.55	0.01
G000709		1.54	18.8	3.04	6.43	<0.05	0.06	0.06	0.039	0.04	8.4	9.6	0.34	286	0.97	0.01
G000710		1.86	17.8	2.26	7.49	<0.05	<0.02	0.03	0.037	0.06	9.5	12.4	0.43	319	0.8	0.01
G000711		1.54	16.9	2.1	7.1	<0.05	<0.02	0.02	0.033	0.05	10.3	10.3	0.36	314	0.71	0.01
G000712		2.14	26.6	3.24	7.38	<0.05	0.13	0.06	0.048	0.05	8.3	13.9	0.51	362	1.06	0.01
G000713		1.9	9.5	2.04	4.72	<0.05	<0.02	0.02	0.022	0.03	7.6	12	0.24	334	1.25	0.01
G000714		1.47	14.6	3.4	6.61	<0.05	0.06	0.05	0.042	0.04	4.9	12	0.26	415	0.95	0.01
G000715		2.21	10.7	2.16	6.01	<0.05	0.02	0.02	0.035	0.04	6.8	12.2	0.39	698	1.19	0.01
G000716		0.88	3.1	0.35	4.21	<0.05	<0.02	0.01	0.008	0.02	3.6	1.5	0.05	55	0.38	0.01
G000717		1.76	10	1.23	6.53	<0.05	<0.02	0.02	0.023	0.03	5	8.7	0.22	143	0.52	0.01
G000718		1.26	8.2	1.33	4.91	<0.05	<0.02	0.02	0.018	0.02	4.5	6.7	0.22	180	0.58	0.01
G000719		2.98	27.1	3.04	10.5	0.05	0.02	0.04	0.05	0.05	9.7	20.6	0.51	405	1.5	0.01
G000720		1.67	16.8	1.74	6.71	0.05	0.02	0.03	0.029	0.04	11.6	10.9	0.26	616	0.91	0.01
G000721		1.96	7.5	1.43	5.45	<0.05	<0.02	0.01	0.021	0.03	4.8	9.7	0.29	277	0.6	0.01
G000722		1.88	9.2	1.41	4.83	<0.05	<0.02	0.02	0.019	0.03	5.4	8.3	0.27	266	0.52	0.01
G000723		2.02	21.3	2.12	9.47	<0.05	0.02	0.05	0.037	0.06	7.3	12.9	0.36	369	0.87	0.01
G000724		3.16	25.6	2.91	8.53	0.07	0.09	0.06	0.053	0.04	10.7	19.9	0.38	246	0.99	0.01
G000725		2	9.2	1.7	6.69	<0.05	0.04	0.03	0.029	0.03	7	9.2	0.16	249	0.76	0.01
G000726		2.12	20.4	3.18	8.57	0.06	0.11	0.13	0.054	0.03	6	18.2	0.27	246	1.33	0.01
G000727		2.27	17.7	2.4	7.65	0.05	0.03	0.03	0.036	0.04	5.3	14.5	0.39	385	0.85	0.01
G000728		2.15	21.8	2.87	6.16	0.05	0.09	0.03	0.036	0.04	5	12.5	0.42	308	1.02	0.01
G000729		1.01	8.6	1.26	5.88	<0.05	0.04	0.03	0.02	0.02	4.7	7.3	0.12	105	0.65	0.01
G000730		1.7	14.4	2.69	7	0.05	0.05	0.06	0.044	0.03	4.7	12.6	0.23	226	1.45	0.01
G000731		1.83	16.3	2.78	6.73	0.05	0.05	0.06	0.044	0.03	4.7	12.1	0.25	257	1.39	0.01





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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000648		3.6	20.6	880	12.5	12.1	<0.001	0.03	0.59	5.5	0.3	0.8	9.8	0.01	0.08	1.7
G000649		0.9	20.9	1640	8.2	15.6	0.003	0.17	0.48	7.5	1.9	0.4	107.5	0.01	0.09	0.6
G000650		1.85	18.7	330	9.1	6.7	<0.001	0.04	0.37	4.5	0.3	0.6	19.1	<0.01	0.12	0.8
G000695		0.93	8.2	570	8.9	8.7	<0.001	0.03	0.27	4	0.3	0.5	16.9	<0.01	0.04	0.8
G000696		0.87	8.8	520	10.1	9.7	<0.001	0.02	0.22	3.1	0.3	0.5	20.5	<0.01	0.03	0.6
G000697		0.72	9	420	8.2	9.6	<0.001	0.01	0.27	3.7	0.2	0.4	19.2	<0.01	0.03	0.8
G000698		0.44	11.9	600	9.2	10.2	<0.001	0.02	0.51	4.8	<0.2	0.3	14.8	<0.01	0.09	1.2
G000699		0.4	13.2	670	9.3	8.5	<0.001	0.02	0.49	6.6	<0.2	0.3	12.1	<0.01	0.07	1.6
G000700		<0.05	0.3	10	0.5	0.1	<0.001	0.02	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
G000701		0.75	3.7	180	6.6	5.8	<0.001	0.02	0.18	2.3	<0.2	0.4	10.3	<0.01	0.01	0.7
G000702		0.77	8.8	510	11.9	11.2	<0.001	0.04	0.19	3.7	0.3	0.5	24.7	<0.01	0.03	0.6
G000703		1.19	11.8	1050	9.9	7.2	<0.001	0.03	0.44	4.7	0.2	0.4	8.9	0.01	0.07	1.7
G000704		0.77	8.4	710	9.7	10.5	<0.001	0.04	0.32	3.7	<0.2	0.4	16.6	<0.01	0.04	1
G000705		0.79	16	1300	12.1	12.8	<0.001	0.07	0.29	5.6	0.6	0.6	45.7	<0.01	0.06	0.8
G000706		0.64	11.1	530	9.5	11.6	<0.001	0.03	0.24	3.9	0.3	0.4	25.5	<0.01	0.03	0.7
G000707		0.78	10.4	520	7.7	10	<0.001	0.02	0.3	3.7	0.2	0.4	15.5	<0.01	0.03	0.9
G000708		1.18	7.5	680	11.3	7.8	<0.001	0.03	0.23	3.4	0.2	0.6	17.3	<0.01	0.03	1.1
G000709		0.78	9.5	940	10.5	7.8	<0.001	0.02	0.43	4.3	0.2	0.4	12.8	<0.01	0.06	1.7
G000710		0.68	10.8	640	9.7	12.1	<0.001	0.04	0.31	3	0.3	0.5	23.1	<0.01	0.05	0.4
G000711		0.59	9.1	630	9.7	10.9	<0.001	0.04	0.29	2.6	0.2	0.5	22.9	<0.01	0.05	0.3
G000712		0.95	13.7	1570	14.2	9.1	<0.001	0.03	0.49	5.2	0.3	0.5	11.8	<0.01	0.08	2.5
G000713		0.62	5.7	290	8.8	7.9	<0.001	0.02	0.36	2.4	<0.2	0.4	12.7	<0.01	0.03	0.6
G000714		1.04	7.8	1260	9.8	7.1	<0.001	0.04	0.36	3.4	0.2	0.5	9.1	0.01	0.07	1.2
G000715		0.85	8.7	460	9.2	10	<0.001	0.03	0.19	3.6	0.2	0.5	20.8	<0.01	0.02	0.9
G000716		0.49	1.3	130	5.2	3.5	<0.001	0.01	0.09	1.3	<0.2	0.4	8.8	<0.01	0.01	0.2
G000717		0.99	7	210	7.1	6.9	<0.001	0.02	0.19	3.2	<0.2	0.5	11.3	<0.01	0.02	0.6
G000718		0.98	5.4	200	5.5	6.7	<0.001	0.01	0.16	2.5	<0.2	0.4	12.1	<0.01	0.01	0.4
G000719		2.98	16.9	670	12	14.1	<0.001	0.02	0.26	4.9	0.5	0.9	28.1	<0.01	0.06	0.6
G000720		0.81	7.9	520	10.1	7.7	<0.001	0.03	0.16	3	0.5	0.5	37.8	<0.01	0.03	0.3
G000721		0.47	5.9	250	6.8	7.6	<0.001	0.02	0.16	2.3	0.2	0.4	16.2	<0.01	0.01	0.2
G000722		0.83	6.2	230	6.5	9	<0.001	0.01	0.18	2.8	0.2	0.4	15	<0.01	0.01	0.4
G000723		1.01	10.9	740	10.1	11.6	<0.001	0.02	0.17	4.1	0.3	0.6	24.3	<0.01	0.03	0.6
G000724		1.58	16.1	760	9.1	9.4	<0.001	0.01	0.33	7	0.5	0.5	17.4	<0.01	0.04	1.4
G000725		1.09	5.8	610	12.8	9	<0.001	0.01	0.25	3.3	0.2	0.5	10.1	<0.01	0.03	1.3
G000726		1.97	12.6	2090	9.5	9.5	<0.001	0.01	0.3	5.6	0.6	0.6	9.4	0.02	0.07	1.8
G000727		1.08	11.4	630	7.7	9.3	<0.001	0.01	0.24	4.6	0.3	0.5	13.6	<0.01	0.03	0.7
G000728		0.89	13.8	540	9	10	<0.001	0.01	0.34	5.2	0.3	0.4	10.4	<0.01	0.06	1.4
G000729		1.04	4	390	7	5.2	<0.001	0.01	0.14	2.8	0.2	0.5	9.1	<0.01	0.02	0.8
G000730		1.28	8.7	1300	7.8	6.8	<0.001	0.02	0.3	4.1	0.5	0.4	8.4	0.01	0.06	1
G000731		1.25	9.5	1270	7.9	7.5	<0.001	0.02	0.31	4.7	0.4	0.4	8.2	0.01	0.07	1.4



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T %	TI ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000648		0.058	0.11	0.46	86	0.25	3.41	113	3.2
G000649		0.016	0.14	2.74	48	0.13	26.5	111	3.3
G000650		0.062	0.05	0.37	94	0.16	3.44	62	1.2
G000695		0.032	0.1	0.36	43	0.17	5.42	72	0.7
G000696		0.035	0.07	0.47	37	0.19	5.49	67	<0.5
G000697		0.038	0.09	0.33	49	0.19	4.59	68	0.5
G000698		0.045	0.09	0.28	70	0.17	3.12	73	0.8
G000699		0.048	0.09	0.31	80	0.16	4.07	95	3.6
G000700		<0.005	<0.02	0.09	<1	<0.05	0.59	3	0.5
G000701		0.056	0.07	0.21	29	0.11	2.01	28	0.7
G000702		0.033	0.14	0.61	51	0.15	5.9	87	<0.5
G000703		0.062	0.09	0.45	58	0.2	3.75	83	3.5
G000704		0.052	0.08	0.38	49	0.19	5.21	70	0.5
G000705		0.017	0.16	1.42	59	0.19	15.95	165	1.1
G000706		0.032	0.1	0.69	43	0.15	7.17	88	<0.5
G000707		0.042	0.09	0.49	40	0.16	4.88	80	<0.5
G000708		0.057	0.1	0.39	39	0.19	4.25	60	0.8
G000709		0.051	0.09	0.45	60	0.2	4.5	65	1.8
G000710		0.04	0.09	0.53	47	0.22	4.78	91	<0.5
G000711		0.038	0.08	0.52	43	0.2	5.01	76	<0.5
G000712		0.057	0.12	0.54	59	0.25	3.52	103	4
G000713		0.033	0.08	0.26	45	0.13	3.75	57	<0.5
G000714		0.039	0.09	0.29	59	0.18	2.27	78	2.5
G000715		0.035	0.1	0.36	48	0.13	3.48	74	0.8
G000716		0.031	0.07	0.15	15	0.06	1.15	12	<0.5
G000717		0.044	0.11	0.3	33	0.1	2.46	40	<0.5
G000718		0.044	0.08	0.24	32	0.11	2.11	49	<0.5
G000719		0.044	0.16	0.58	63	0.24	6.65	166	<0.5
G000720		0.025	0.08	0.52	39	0.16	10.1	60	<0.5
G000721		0.028	0.07	0.26	39	0.1	2.28	49	<0.5
G000722		0.041	0.07	0.26	33	0.14	2.72	47	<0.5
G000723		0.021	0.11	0.51	46	0.12	4.1	79	0.5
G000724		0.028	0.13	0.55	51	0.17	12.55	112	2.6
G000725		0.035	0.12	0.33	38	0.13	2.67	42	1.7
G000726		0.042	0.11	0.5	57	0.2	4.22	85	3.7
G000727		0.045	0.1	0.28	48	0.16	3.31	80	1
G000728		0.051	0.1	0.37	59	0.15	3.79	62	3.4
G000729		0.038	0.09	0.21	31	0.12	2.09	29	1.5
G000730		0.048	0.14	0.31	54	0.21	2.64	65	1.5
G000731		0.05	0.13	0.34	55	0.22	2.8	73	2



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Finalized Date: 17-OCT-2007

Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000732		0.52	<0.001	0.15	2.67	9	<0.2	<10	60	0.35	0.2	0.07	0.08	11.55	6.1	16
G000733		0.36	0.001	0.06	0.88	0.9	<0.2	<10	80	0.14	0.18	0.16	0.04	9.46	2.8	5
G000734		0.46	<0.001	0.22	2.35	8	<0.2	<10	80	0.46	0.17	0.13	0.16	15.15	8.3	17
G000735	Not Recvd															
G000736		0.42	<0.001	0.12	2.29	8.2	<0.2	<10	70	0.39	0.15	0.09	0.17	17.05	9.1	17
G000737		0.62	0.001	0.09	2.09	6.8	<0.2	<10	120	0.37	0.17	0.19	0.1	11.3	7.5	15
G000738		0.38	0.003	0.04	2.28	9.5	<0.2	<10	80	0.43	0.22	0.11	0.1	18.45	8.8	20
G000739		0.40	0.001	0.16	2.72	4.1	<0.2	<10	140	0.58	0.2	0.59	0.13	18.5	7.2	18
G000740		0.08	<0.001	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	<0.01	<0.01	1.17	0.1	<1
G000741		0.42	<0.001	0.19	1.8	6	<0.2	<10	70	0.21	0.19	0.07	0.05	12.2	3.9	13
G000742		0.40	<0.001	0.1	1.67	4.9	<0.2	<10	90	0.22	0.22	0.15	0.04	12.65	4.9	14
G000743		0.40	<0.001	0.15	3.08	8.7	<0.2	<10	90	0.52	0.24	0.1	0.12	15.1	7.4	19
G000744		0.32	0.021	0.03	1.39	4	<0.2	<10	70	0.26	0.1	0.22	0.05	13.45	7.1	12
G000745		0.36	<0.001	0.33	4.72	9.3	<0.2	<10	200	1.51	0.3	0.34	0.23	45.1	28.3	24
G000746		0.42	0.002	0.13	2.5	8.2	<0.2	<10	160	0.59	0.2	0.39	0.09	22.7	10.7	18
G000747		0.48	0.002	0.18	2.92	8.3	<0.2	<10	60	0.32	0.18	0.08	0.06	12.35	5.4	17
G000748		0.52	0.002	0.1	2.45	9.2	<0.2	<10	90	0.39	0.19	0.1	0.09	14.6	9.4	19
G000749		0.48	0.449	0.23	2.72	3.5	<0.2	<10	130	0.73	0.24	0.2	0.07	23.6	9.4	17
G000750		0.48	0.003	0.14	2.12	4.8	<0.2	<10	100	0.47	0.29	0.22	0.08	21.1	7.2	18
G000751		0.46	0.002	0.14	2.24	6.6	<0.2	<10	90	0.33	0.3	0.15	0.05	17.1	6.8	18
G000752		0.36	<0.001	0.15	2.15	3.9	<0.2	<10	100	0.48	0.29	0.21	0.09	21.2	6.9	17
G000753		0.56	0.002	0.06	1.05	1.6	<0.2	<10	70	0.17	0.14	0.13	0.03	13.75	4.1	11
G000754		0.42	0.009	0.09	2.48	5.8	<0.2	<10	190	0.72	0.19	0.33	0.1	31.1	8.6	19
G000755		0.56	0.002	0.08	1.89	4	<0.2	<10	140	0.35	0.21	0.31	0.01	18.4	4.8	17
G000756		0.40	0.001	0.11	1.68	5.5	<0.2	<10	120	0.2	0.21	0.14	0.03	10.6	4.8	15
G000757		0.38	0.004	0.04	1.37	1	<0.2	<10	90	0.17	0.4	0.32	0.01	12.15	2.4	6
G000758		0.44	0.007	0.14	2.05	4.8	<0.2	<10	170	0.39	0.21	0.22	0.08	20.2	6.8	17
G000759		0.58	0.001	0.18	2.89	7.9	<0.2	<10	110	0.39	0.13	0.09	0.07	15.15	7.7	18
G000760		0.50	<0.001	0.3	3.19	7.2	0.2	<10	170	0.66	0.22	0.41	0.07	25.1	6.5	24
G000761		0.60	0.002	0.28	1.48	4.4	<0.2	<10	200	0.27	0.14	0.29	0.1	12.05	4.5	15
G000762		0.46	0.001	0.16	2.57	5.7	<0.2	<10	80	0.27	0.22	0.14	0.09	9.69	4.5	16
G000763		0.56	0.003	0.13	2.52	9.6	<0.2	<10	70	0.48	0.23	0.1	0.13	19.7	9	22
G000764		0.40	0.009	0.28	3.43	6.5	<0.2	<10	260	0.57	0.27	0.56	0.19	20.1	17.6	24
G000765		0.40	0.003	0.25	2.4	9	<0.2	<10	90	0.24	0.2	0.17	0.15	10.1	6.6	21
G000766		0.52	<0.001	0.14	3.15	6.8	<0.2	<10	80	0.33	0.16	0.1	0.1	10.1	6.6	17
G000767		0.42	0.007	0.16	1.81	4.7	<0.2	<10	70	0.21	0.17	0.11	0.12	10.4	4.4	14
G000768		0.56	0.001	0.14	0.9	0.7	<0.2	<10	70	0.15	0.18	0.18	0.08	10.2	1.5	7
G000769		0.56	0.001	0.15	1.79	7.8	<0.2	<10	90	0.32	0.14	0.17	0.11	11.25	7	18
G000770		0.56	0.001	0.09	1.27	1.4	<0.2	<10	110	0.19	0.17	0.26	0.09	11.9	4.3	10
G000771		0.54	0.002	0.13	1.26	1.4	<0.2	<10	110	0.23	0.18	0.26	0.15	14.45	5.2	9



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000732		1.78	14.9	2.87	7.6	0.05	0.07	0.07	0.043	0.03	6	11.8	0.22	269	1.37	0.01
G000733		0.88	8.6	0.82	4.73	<0.05	<0.02	0.02	0.017	0.02	5	3.5	0.17	97	0.43	0.01
G000734		1.29	22.8	2.83	6.04	0.07	0.09	0.05	0.042	0.03	4.6	9.5	0.35	323	1	0.01
G000735																
G000736		1.35	22.9	2.78	5.86	0.07	0.07	0.05	0.034	0.03	4.8	9.8	0.37	363	1.02	0.01
G000737		1.39	15.6	2.89	7.95	0.07	0.06	0.03	0.041	0.03	5.6	13.1	0.3	212	1.43	0.01
G000738		2.16	23.1	2.74	6.66	0.07	0.11	0.04	0.037	0.04	6.4	12.1	0.39	284	1.09	0.01
G000739		2.4	14.7	2.22	7.82	0.05	0.05	0.04	0.048	0.03	10.3	13	0.31	315	0.65	0.01
G000740		<0.05	0.6	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
G000741		1.62	10.7	2.35	8.19	0.05	0.06	0.05	0.03	0.04	6.6	12.8	0.2	154	1.01	0.01
G000742		1.53	12	2.49	7.87	0.05	<0.02	0.01	0.028	0.03	6.9	11.4	0.26	195	0.89	0.01
G000743		2.38	19.2	2.61	7.6	0.05	0.04	0.09	0.046	0.04	7.5	15.5	0.29	226	1.09	0.01
G000744		1.77	9.7	1.91	5.42	0.05	<0.02	0.01	0.027	0.03	6.6	11.3	0.33	411	0.69	0.01
G000745		3.28	39.8	3.74	12.65	0.08	0.07	0.07	0.079	0.06	20.4	19.2	0.44	1435	1.85	0.01
G000746		2.92	23.4	2.7	7.46	0.07	0.03	0.08	0.04	0.05	11	15.9	0.47	609	1.24	0.01
G000747		2.01	15.3	2.88	8.55	0.05	0.06	0.12	0.042	0.03	6.4	14.4	0.2	200	1.18	0.01
G000748		2.29	19	2.82	6.56	0.05	0.07	0.04	0.04	0.04	6.8	11.6	0.36	299	1.01	0.01
G000749		2.53	22.2	2.23	9.28	0.07	0.04	0.03	0.043	0.05	12.1	14.4	0.36	501	0.81	0.01
G000750		2.16	20.7	2.25	7.32	0.06	0.02	0.04	0.037	0.04	10.9	13	0.41	398	0.87	0.01
G000751		2.34	19.9	2.68	7.49	0.06	0.04	0.03	0.036	0.05	8.9	13.6	0.45	480	0.91	0.01
G000752		2.01	19.4	2.15	7.66	0.05	0.02	0.03	0.037	0.04	11.1	11.9	0.37	403	0.77	0.01
G000753		1.72	7.8	1.37	4.52	<0.05	<0.02	0.01	0.019	0.02	7.1	9.5	0.25	256	0.38	0.01
G000754		2.26	22.4	2.62	7.31	0.07	0.05	0.03	0.041	0.05	16.9	17.6	0.45	345	1.61	0.01
G000755		1.54	12.3	1.73	6.69	0.05	0.02	0.02	0.035	0.02	9.6	10.6	0.29	149	0.73	0.01
G000756		4.32	17.2	2.94	7.25	0.05	0.04	0.02	0.03	0.03	5.7	11.8	0.24	167	1.65	0.01
G000757		1.47	31.4	0.63	6.99	<0.05	<0.02	0.05	0.027	0.02	6.5	9.3	0.09	60	0.42	0.01
G000758		1.84	16.9	2.15	7.32	0.05	0.02	0.04	0.035	0.03	10.2	12.3	0.32	341	1.25	0.01
G000759		2.34	20.7	2.6	7.24	0.05	0.07	0.04	0.045	0.04	6.4	13.7	0.38	278	0.91	0.01
G000760		2.88	23.5	2.92	9.62	0.07	0.04	0.04	0.054	0.05	13.8	17	0.49	261	1.52	0.01
G000761		1.68	9.4	1.8	4.61	<0.05	<0.02	0.1	0.023	0.03	6.4	7.9	0.33	328	0.71	0.01
G000762		1.6	13.5	2.72	7.56	<0.05	0.03	0.09	0.035	0.04	5.3	11.5	0.26	316	1.08	<0.01
G000763		1.85	23.9	2.77	5.82	<0.05	0.11	0.07	0.038	0.04	6.7	11	0.42	387	1.15	<0.01
G000764		2.56	21.4	3.51	9.24	0.05	0.03	0.05	0.043	0.06	10.3	17	0.57	1770	2.47	0.02
G000765		1.67	23	3.39	7.55	0.05	0.07	0.07	0.039	0.05	4.8	11.9	0.41	324	1.06	<0.01
G000766		1.74	18.2	2.65	6.49	<0.05	0.05	0.07	0.041	0.03	5.3	12.1	0.29	282	1.06	<0.01
G000767		1.13	11.7	2.21	5.65	<0.05	0.03	0.04	0.026	0.03	4.9	7.5	0.21	245	0.9	<0.01
G000768		1.57	6.1	0.7	3.69	<0.05	<0.02	0.01	0.015	0.02	5.7	5.1	0.11	121	0.39	<0.01
G000769		1.39	24.5	2.93	5.05	<0.05	0.02	0.02	0.03	0.03	5	7.8	0.38	481	0.8	<0.01
G000770		1.49	9.4	1.31	4.2	<0.05	<0.02	0.01	0.019	0.03	6.1	7.6	0.28	451	0.51	0.01
G000771		1.62	11.2	1.16	4.97	<0.05	<0.02	0.02	0.022	0.03	7.4	7.8	0.23	471	0.55	0.02



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000732		2.78	8	1620	11	8	<0.001	0.01	0.33	4	0.4	0.7	8	0.03	0.06	1.6
G000733		1.26	4	220	8.7	4.6	<0.001	0.01	0.09	1.9	0.2	0.5	16.5	<0.01	0.01	0.7
G000734		0.97	9.8	880	8.8	6.6	0.002	<0.01	0.34	4.7	0.4	0.4	11.2	<0.01	0.06	1.3
G000735																
G000736		1.02	10.2	870	8.7	5.9	<0.001	<0.01	0.36	4.7	0.4	0.4	8.3	0.01	0.06	1.2
G000737		1.17	9.4	310	8.4	5.6	<0.001	<0.01	0.3	4.2	0.4	0.5	18.4	<0.01	0.05	1.1
G000738		0.95	12.8	520	10.6	9.3	0.003	<0.01	0.5	4.6	0.4	0.4	11.6	<0.01	0.06	1.8
G000739		1.04	13.6	330	10.6	6.9	<0.001	0.02	0.23	5.3	0.5	0.5	28.1	<0.01	0.03	1
G000740		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
G000741		1.41	7.6	650	10.1	7.9	<0.001	0.01	0.26	3.3	0.2	0.6	9.4	<0.01	0.02	1.3
G000742		1.27	9.2	350	10	5.5	<0.001	0.01	0.29	3.4	0.3	0.5	15.7	<0.01	0.04	0.7
G000743		1.73	13.3	1240	11.3	10.6	<0.001	0.02	0.36	4.9	0.5	0.5	11.8	0.01	0.05	1.7
G000744		0.7	7.2	290	7.4	8.7	<0.001	0.01	0.2	3.9	0.2	0.4	19.7	<0.01	0.02	0.6
G000745		1.3	19	1080	18.4	14	0.001	0.02	0.33	9.4	1	0.8	36.7	0.01	0.07	1.6
G000746		1.17	14.5	480	12	12.6	0.001	0.02	0.29	5.5	0.6	0.5	33	<0.01	0.05	0.9
G000747		1.64	8.7	1270	11.6	8.5	<0.001	0.01	0.32	4.8	0.4	0.6	9.7	0.01	0.04	1.5
G000748		1.05	13.6	1040	12.1	10.7	<0.001	0.01	0.41	5.2	0.3	0.4	13.4	<0.01	0.06	1.8
G000749		1.03	12.8	650	12.2	12.6	<0.001	0.01	0.24	5.6	0.4	0.6	21.3	<0.01	0.03	1.2
G000750		0.93	12.9	520	11.8	10.1	<0.001	0.01	0.31	4.7	0.4	0.5	20.9	<0.01	0.04	1.1
G000751		1.11	13.7	810	12.2	11.7	<0.001	0.01	0.35	4.9	0.3	0.5	15.7	<0.01	0.04	1.9
G000752		0.86	11.6	540	12.2	9.5	<0.001	0.01	0.25	4.1	0.4	0.5	21.4	<0.01	0.03	0.8
G000753		0.73	6.5	220	7.2	8.5	<0.001	<0.01	0.17	2.8	<0.2	0.4	12.8	<0.01	0.02	0.7
G000754		0.82	14.4	350	10.8	10.1	<0.001	0.01	0.23	7.1	0.7	0.5	31.1	<0.01	0.04	1.3
G000755		1.19	9.2	300	12.2	3.7	<0.001	0.02	0.31	4.5	0.4	0.5	25.5	<0.01	0.02	0.9
G000756		1.29	7.6	200	8.4	8.5	<0.001	0.01	0.29	3.6	0.2	0.5	32.4	<0.01	0.08	1
G000757		0.64	2.7	360	8.2	3.4	0.001	0.03	0.1	3.2	0.4	0.7	39.4	<0.01	0.09	0.2
G000758		1.06	11.5	440	8.8	8.4	0.001	0.02	0.23	4.1	0.5	0.5	23.6	<0.01	0.02	0.6
G000759		1.08	14	900	8.2	8.8	<0.001	0.01	0.3	6.1	0.3	0.5	8.9	0.01	0.04	1.5
G000760		1.35	15.3	680	11.3	10.4	<0.001	0.03	0.2	6.3	0.7	0.7	33	<0.01	0.03	1.1
G000761		0.75	7	300	12	6.5	<0.001	0.02	0.57	3.4	0.2	0.4	20	<0.01	0.01	0.6
G000762		0.83	7.6	1330	9.6	9.7	<0.001	0.02	0.3	3.7	0.3	0.5	14.1	<0.01	0.04	0.9
G000763		1.28	14.9	930	11.4	10.3	<0.001	0.01	0.43	5.5	0.3	0.4	9.9	<0.01	0.06	2.1
G000764		1.08	13.1	950	15.5	12	<0.001	0.04	0.21	5.4	0.6	0.6	38.3	<0.01	0.04	0.8
G000765		0.97	11.9	870	9	9.1	<0.001	0.01	0.39	4.7	0.3	0.5	12.9	<0.01	0.05	1.1
G000766		0.94	10	1230	12.3	6.5	<0.001	0.02	0.3	4.6	0.3	0.4	9.3	0.01	0.04	1.1
G000767		0.99	6.2	540	8.5	6.6	<0.001	0.01	0.27	3	0.2	0.4	10.8	<0.01	0.03	0.7
G000768		0.84	2.6	150	7.1	7.5	<0.001	<0.01	0.1	2	<0.2	0.4	14.7	<0.01	<0.01	0.3
G000769		0.47	9.8	520	8.9	7.1	<0.001	<0.01	0.42	4.1	0.2	0.3	14.4	<0.01	0.05	0.9
G000770		0.67	4.8	250	7.3	10.7	<0.001	0.02	0.12	2.5	0.2	0.4	18	<0.01	0.01	0.3
G000771		0.76	5.4	270	10.4	11.8	<0.001	0.03	0.14	3.1	0.3	0.4	21.9	<0.01	0.02	0.4



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T %	TI ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000732		0.044	0.12	0.4	54	0.21	2.86	81	2.9
G000733		0.06	0.07	0.28	24	0.09	2.45	22	<0.5
G000734		0.053	0.1	0.35	56	0.2	3.29	71	2.8
G000735									
G000736		0.052	0.1	0.35	53	0.19	3.53	73	2.1
G000737		0.05	0.08	0.3	55	0.2	6.04	50	1.9
G000738		0.051	0.1	0.42	55	0.22	3.57	70	3.3
G000739		0.028	0.11	0.88	51	0.14	6.9	78	1.6
G000740		<0.005	<0.02	0.09	<1	<0.05	0.67	2	0.6
G000741		0.031	0.09	0.31	48	0.14	1.74	58	2
G000742		0.045	0.08	0.29	53	0.21	2.54	50	<0.5
G000743		0.049	0.12	0.5	51	0.26	3.28	118	1.9
G000744		0.045	0.09	0.3	45	0.14	4.21	60	<0.5
G000745		0.032	0.22	0.99	67	0.21	21.6	124	1.7
G000746		0.034	0.15	0.75	59	0.2	9.08	104	0.6
G000747		0.04	0.11	0.41	57	0.18	2.8	75	2.6
G000748		0.063	0.11	0.48	57	0.19	3.4	72	2.8
G000749		0.039	0.12	0.56	46	0.17	7.56	82	1.4
G000750		0.05	0.1	0.67	47	0.23	6.01	66	0.5
G000751		0.055	0.1	0.46	51	0.22	3.56	77	2
G000752		0.043	0.1	0.64	46	0.2	5.72	65	<0.5
G000753		0.051	0.08	0.29	32	0.12	2.7	54	<0.5
G000754		0.033	0.15	1.42	58	0.17	14.05	71	1.1
G000755		0.041	0.11	0.65	51	0.11	5.47	38	0.6
G000756		0.053	0.1	0.27	81	0.15	1.95	30	1.5
G000757		0.042	0.08	0.31	27	0.06	3.43	16	<0.5
G000758		0.039	0.13	0.5	46	0.18	6.6	65	<0.5
G000759		0.057	0.12	0.43	52	0.19	5.09	95	3.1
G000760		0.027	0.14	1.07	62	0.16	8.95	103	0.9
G000761		0.05	0.16	0.44	41	0.12	4.37	64	<0.5
G000762		0.033	0.15	0.29	53	0.16	2.52	59	1.1
G000763		0.055	0.15	0.51	54	0.24	3.7	84	4.9
G000764		0.022	0.15	0.98	77	0.18	8.63	129	0.7
G000765		0.046	0.11	0.28	64	0.18	2.78	91	2.4
G000766		0.04	0.12	0.32	50	0.2	3.91	86	1.8
G000767		0.033	0.1	0.26	47	0.15	2.58	49	0.8
G000768		0.034	0.1	0.21	21	0.1	2.57	33	<0.5
G000769		0.045	0.12	0.31	61	0.14	3.32	64	0.7
G000770		0.032	0.1	0.25	32	0.1	3.48	61	<0.5
G000771		0.037	0.1	0.28	30	0.11	4.68	67	<0.5



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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000772		0.46	0.006	0.13	1.41	2.9	<0.2	<10	120	0.26	0.19	0.26	0.15	14.1	8.1	11
G000773		0.42	<0.001	0.09	1.32	1.6	<0.2	<10	80	0.2	0.16	0.24	0.08	11.65	4	10
G000774		0.54	0.006	0.07	2.11	6.5	<0.2	<10	70	0.29	0.19	0.1	0.07	11.85	5.3	15
G000775		0.66	0.006	0.08	1.47	2.5	<0.2	<10	90	0.2	0.16	0.16	0.03	15.15	3.2	12
G000776		0.40	0.005	0.56	3.18	3.3	<0.2	<10	210	0.6	0.33	0.39	0.19	25.1	8.6	22
G000777		0.42	0.001	0.12	1.67	1.9	<0.2	<10	110	0.4	0.18	0.24	0.11	17.75	5.4	12
G000778		0.52	<0.001	0.08	3.37	2.2	<0.2	<10	220	0.61	0.18	0.53	0.03	30.4	6.5	20
G000779		0.52	<0.001	0.27	2.55	5	<0.2	<10	110	0.29	0.23	0.13	0.11	11.7	6.1	16
G000780		0.10	0.001	<0.01	0.02	<0.1	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.25	0.1	<1
G000781		0.60	0.002	0.06	2.57	6.5	<0.2	<10	120	0.39	0.18	0.18	0.06	18.95	7.7	19
G000782		0.58	0.010	0.15	3.17	11.8	<0.2	<10	80	0.39	0.2	0.09	0.18	11.1	11.2	20
G000783		0.48	0.004	0.07	2.35	6.5	<0.2	<10	100	0.47	0.18	0.17	0.17	12.4	6.4	14
G000784		0.46	0.004	0.14	0.71	0.8	<0.2	<10	60	0.11	0.09	0.12	0.06	8.29	1.1	4
G000785		0.68	0.012	0.04	1.84	5.8	<0.2	<10	130	0.41	0.13	0.24	0.07	16.9	8.5	16
G000786		0.50	<0.001	0.11	1.33	2.9	<0.2	<10	70	0.21	0.15	0.11	0.06	9.77	3	9
G000787		0.52	<0.001	0.08	2.14	4.5	<0.2	<10	110	0.29	0.22	0.15	0.07	12	4.7	14
G000788		0.62	0.007	0.17	1.94	9.8	<0.2	<10	100	0.37	0.2	0.14	0.12	19.4	9.5	20
G000789		0.38	0.002	0.65	4.59	15.5	<0.2	<10	190	1.47	0.55	0.33	0.27	32.5	15.2	39
G000790		0.44	<0.001	0.19	1.63	9	<0.2	<10	90	0.18	0.25	0.22	0.32	11.3	3.4	13
G000791		0.40	0.003	0.19	1.62	8.2	<0.2	<10	90	0.2	0.25	0.23	0.33	11.25	3.3	13
G000792		0.44	<0.001	0.33	3.52	9.2	<0.2	<10	120	0.46	0.23	0.11	0.16	13.7	7.4	21
G000793		0.40	<0.001	0.14	3.24	8.7	<0.2	<10	70	0.39	0.24	0.14	0.16	11.15	6	18
G000794		0.38	<0.001	0.09	2.91	9.6	<0.2	<10	190	0.56	0.27	0.15	0.32	22.6	9.1	19
G000795		0.50	<0.001	0.17	2.59	5.9	<0.2	<10	70	0.35	0.28	0.11	0.2	18.25	6.3	18
G000796		0.56	0.002	0.23	2.67	4.3	<0.2	<10	100	0.42	0.36	0.15	0.17	18.75	6.9	19
G000797		0.42	0.043	0.08	2.07	8.1	<0.2	<10	110	0.39	0.22	0.28	0.2	19.65	7.6	17
G000798		0.38	0.003	0.24	2.76	7	<0.2	<10	80	0.47	0.21	0.22	0.16	15.95	6.2	17
G000799		0.40	<0.001	0.13	2.99	10.4	<0.2	<10	80	0.36	0.29	0.14	0.13	16.5	7.9	18
G000800		0.44	<0.001	0.71	3.28	23.6	<0.2	<10	220	0.78	0.23	0.57	0.61	36.1	22.4	30
G000801		0.50	0.004	0.28	2.63	8.3	<0.2	<10	180	0.63	0.2	0.47	0.14	26.9	12.4	29
G000802		0.54	0.001	0.1	2.76	9.1	<0.2	<10	100	0.46	0.17	0.12	0.17	15.45	13.5	34
G000803		0.42	0.003	0.18	2.15	4.8	<0.2	<10	60	0.21	0.27	0.18	0.15	13.65	8.5	48
G000804		0.40	<0.001	0.14	2.04	5.5	<0.2	<10	60	0.26	0.28	0.1	0.11	13.95	5.7	26
G000805		0.50	<0.001	0.19	2.82	7.1	<0.2	<10	70	0.4	0.21	0.16	0.15	14.05	9.6	36
G000806		0.52	<0.001	0.15	3.68	6	<0.2	<10	90	0.36	0.22	0.15	0.11	14.6	10.6	45
G000807		0.38	0.004	0.23	3.16	3.6	<0.2	<10	80	0.2	0.34	0.13	0.17	19.1	11.1	52
G000808		0.32	<0.001	0.09	2.93	3.2	<0.2	<10	90	0.22	0.26	0.34	0.16	16.95	19.8	71
G000809		0.40	0.002	0.22	2.99	8.6	<0.2	<10	130	0.32	0.18	0.28	0.11	14.9	12.5	40
G000810		0.40	<0.001	0.21	3.11	2.3	<0.2	<10	170	0.3	0.18	0.47	0.23	15.2	17.7	62
G000811		0.46	0.011	0.27	3	1.7	<0.2	<10	170	0.26	0.2	0.47	0.29	15.75	18.2	59



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000772		1.46	12.1	1.61	6.23	<0.05	<0.02	0.03	0.028	0.03	6.7	7.4	0.23	823	1.17	0.02
G000773		1.6	7.7	1.21	5.81	<0.05	<0.02	0.02	0.022	0.03	6.2	7.7	0.24	181	0.57	0.02
G000774		1.86	10.6	2.45	6.93	<0.05	0.08	0.04	0.035	0.03	6.3	9.3	0.21	226	1.01	0.02
G000775		1.52	7.8	1.08	5.72	<0.05	<0.02	0.02	0.022	0.02	8.2	6.7	0.19	98	0.42	0.02
G000776		3.53	23.9	2.31	10.75	0.07	0.02	0.06	0.058	0.06	13.9	12.8	0.31	451	1.85	0.02
G000777		1.81	13.4	1.6	6.6	<0.05	<0.02	0.04	0.031	0.04	9.8	8.3	0.3	205	0.58	0.02
G000778		1.93	19.3	1.58	10.35	0.06	0.05	0.04	0.051	0.04	17.1	14.4	0.39	178	0.35	0.02
G000779		1.68	20.6	2.27	8.91	<0.05	0.02	0.07	0.043	0.04	6.3	12.8	0.35	235	1.07	0.02
G000780		<0.05	0.6	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	0.01
G000781		1.98	31	2.54	6.76	0.06	0.08	0.03	0.038	0.04	8.5	10.1	0.46	313	0.94	0.02
G000782		2.03	27.8	3.46	7.72	0.05	0.06	0.07	0.05	0.04	4.9	12.9	0.35	455	1.34	0.02
G000783		1.31	11	2.37	7.39	0.05	0.03	0.03	0.035	0.03	7	9.3	0.21	194	0.73	0.02
G000784		1.05	5.9	0.51	5.04	<0.05	<0.02	0.03	0.012	0.03	4.4	2.8	0.06	55	0.55	0.02
G000785		1.82	17.3	2.33	5.88	0.05	0.03	0.02	0.033	0.03	8.8	14	0.41	326	1.22	0.02
G000786		1.03	9.6	1.39	5.8	<0.05	0.02	0.04	0.022	0.02	5.4	7.3	0.15	117	0.75	0.02
G000787		1.18	13.8	2.03	8.43	0.05	0.02	0.04	0.033	0.03	6.6	11.5	0.23	166	0.86	0.02
G000788		1.56	26.7	3.18	5.98	0.06	0.04	0.05	0.035	0.04	8.5	8.2	0.34	1005	1.09	0.02
G000789		2.72	41.7	4.86	13.15	0.09	0.05	0.13	0.114	0.06	16.4	17.4	0.34	1795	4.05	0.02
G000790		1.42	9.3	1.8	7.68	<0.05	<0.02	0.06	0.031	0.04	6.1	10.7	0.18	174	0.84	0.02
G000791		1.32	9.2	1.68	7.69	<0.05	<0.02	0.06	0.031	0.04	6.2	10.3	0.17	156	0.8	0.02
G000792		2.11	20	2.93	9.49	0.06	0.08	0.11	0.051	0.04	7.3	16.7	0.32	209	1.29	0.02
G000793		1.8	14.5	3.39	9.37	0.06	0.1	0.07	0.051	0.04	6	13.5	0.27	261	1.37	0.02
G000794		2.28	20.8	2.95	7.96	0.06	0.07	0.03	0.043	0.05	9.6	9	0.34	1335	0.83	0.02
G000795		1.98	16.4	2.42	7.47	0.05	0.04	0.09	0.037	0.04	9	9.4	0.3	238	0.91	0.02
G000796		2.41	20.7	2.18	8.52	0.05	0.05	0.09	0.04	0.06	9.4	11.8	0.41	340	0.89	0.02
G000797		1.8	16.5	2.4	6.5	0.06	0.02	0.06	0.036	0.04	7.4	9.2	0.32	502	0.92	0.02
G000798		1.6	22.8	2.16	7.31	0.05	0.05	0.09	0.045	0.04	8.4	11.3	0.3	363	1.19	0.02
G000799		2.54	21.3	3.13	8.06	0.06	0.13	0.07	0.039	0.05	8.5	12.6	0.33	425	1.15	0.02
G000800		3.1	45.9	6.15	8.3	0.12	0.08	0.11	0.052	0.07	17.7	17.5	0.68	3970	4.49	0.03
G000801		2.66	41.9	3.48	7.63	0.1	0.05	0.05	0.044	0.05	20.2	15.4	0.8	711	0.86	0.03
G000802		1.94	26.9	3.53	6.81	0.06	0.16	0.04	0.041	0.04	6.3	11.1	0.66	460	0.94	0.02
G000803		3.42	10.8	3.52	11.85	0.05	0.09	0.04	0.032	0.03	7.4	14.5	0.66	237	0.71	0.02
G000804		2.08	11.6	2.46	8.49	<0.05	0.07	0.07	0.033	0.03	7.3	9.7	0.34	169	0.82	0.02
G000805		4.26	20	3.38	7.97	<0.05	0.15	0.04	0.041	0.04	7	12.8	0.58	301	0.97	0.02
G000806		4.77	18	3.25	9.58	0.05	0.17	0.07	0.044	0.04	7.6	16.2	0.67	244	0.75	0.02
G000807		3.41	15.6	3.63	14.55	0.06	0.17	0.05	0.035	0.03	10.2	16	1.05	283	0.75	0.02
G000808		3.88	18.4	5.06	14.25	0.07	0.12	0.03	0.037	0.05	9.7	14.2	1.97	589	0.59	0.04
G000809		2.96	21.4	3.45	7.99	0.06	0.09	0.06	0.039	0.06	7.5	13.4	0.78	324	0.71	0.02
G000810		2.83	20.2	4.44	12.3	0.06	0.17	0.07	0.034	0.06	7.8	14.8	1.56	706	0.58	0.03
G000811		2.89	22.3	4.4	12.2	0.07	0.15	0.07	0.034	0.05	8.3	13.2	1.54	725	0.51	0.04





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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000772		0.59	7.2	540	8	6.2	<0.001	0.04	0.16	2.1	0.4	0.4	23.7	<0.01	0.03	<0.2
G000773		0.55	5.8	310	7.2	6.6	<0.001	0.03	0.13	2.7	0.3	0.4	20.8	<0.01	0.02	0.3
G000774		0.84	8.1	740	9.6	8.9	<0.001	0.02	0.3	3.9	0.3	0.5	10.8	<0.01	0.03	1.2
G000775		0.48	5.9	250	9.2	5.5	<0.001	0.02	0.22	2.7	0.2	0.4	17.9	<0.01	0.01	0.5
G000776		0.75	13.7	1350	15.4	13	<0.001	0.06	0.18	2.7	0.7	0.7	37.3	<0.01	0.03	0.2
G000777		0.79	7.4	500	9.7	9.8	<0.001	0.03	0.14	3.8	0.3	0.5	23.2	<0.01	0.01	0.5
G000778		0.69	14.3	400	14.8	4.8	0.002	0.05	0.13	6.4	0.7	0.6	40.7	<0.01	0.02	0.7
G000779		1.36	12.6	1010	9.1	8.2	<0.001	0.03	0.25	3.9	0.3	0.6	13.8	<0.01	0.03	0.5
G000780		<0.05	0.3	10	0.5	0.1	<0.001	0.02	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
G000781		0.73	15.2	520	7.4	7.5	<0.001	0.02	0.34	6.8	0.4	0.4	15.9	<0.01	0.04	1.6
G000782		1.36	15.4	1580	10.6	8.2	<0.001	0.03	0.4	4.9	0.6	0.5	9.8	<0.01	0.1	1.3
G000783		0.81	7.2	1530	12.1	6.1	<0.001	0.03	0.28	4	0.4	0.4	16.3	0.01	0.04	0.9
G000784		0.35	1.7	250	6.2	4.8	<0.001	0.03	0.08	1.4	0.3	0.4	13.3	<0.01	0.01	<0.2
G000785		0.84	12	250	7.1	5.6	<0.001	0.02	0.29	5.4	0.4	0.4	22	<0.01	0.03	0.9
G000786		0.91	5.3	420	6.9	5.5	<0.001	0.02	0.18	2.8	0.3	0.4	11.4	<0.01	0.02	0.7
G000787		1.42	9	780	7.8	6	<0.001	0.02	0.23	3.8	0.3	0.6	17.5	<0.01	0.03	0.8
G000788		0.65	11.9	980	11	10	<0.001	0.02	0.41	5.1	0.4	0.4	12.2	<0.01	0.09	1.4
G000789		2.26	18.4	1390	14.8	10.7	0.001	0.08	0.39	6.2	1.3	0.8	34.3	0.01	0.12	1.1
G000790		0.36	6.4	960	12.6	7.2	<0.001	0.04	0.22	0.8	0.5	0.5	22.7	<0.01	0.04	<0.2
G000791		0.34	6.3	930	12.9	7	<0.001	0.04	0.21	0.8	0.4	0.5	24.2	<0.01	0.04	<0.2
G000792		1.63	14.3	1350	10.1	9.3	<0.001	0.03	0.32	5.8	0.4	0.6	14	<0.01	0.05	1.4
G000793		1.72	10.2	1760	10.4	8.5	<0.001	0.03	0.34	4.6	0.5	0.6	15.4	0.01	0.06	1.4
G000794		1.56	13.8	2230	12.8	14.3	<0.001	0.02	0.39	5.8	0.4	0.6	26.9	<0.01	0.08	2
G000795		1.47	10.2	1600	10.9	10.4	<0.001	0.02	0.37	4.8	0.5	0.5	13.1	0.01	0.04	1.5
G000796		1.48	14.5	1070	10.5	13	<0.001	0.03	0.34	5.2	0.4	0.6	15	<0.01	0.05	1.6
G000797		1.07	10.8	950	11.3	8.5	<0.001	0.03	0.37	4	0.4	0.4	24.2	<0.01	0.06	0.8
G000798		1.37	11.6	1360	8.8	7.3	<0.001	0.04	0.33	5	0.6	0.5	18.9	0.01	0.05	1.3
G000799		1.36	12	1420	12.1	12.6	<0.001	0.03	0.42	5.3	0.4	0.5	12.3	0.01	0.07	1.9
G000800		1.06	26.8	1110	13.3	11.8	<0.001	0.04	0.52	11.6	1.1	0.5	49.5	0.01	0.11	1.4
G000801		0.92	25.4	640	10.7	9.1	<0.001	0.03	0.34	11.8	0.7	0.5	41.7	0.01	0.06	0.9
G000802		1.12	35.3	1050	9.6	9.1	<0.001	0.02	0.44	5.6	0.3	0.5	15.8	0.01	0.07	1.7
G000803		2.65	39.3	890	12.9	7.2	<0.001	0.02	0.21	3.7	0.3	1	27.6	<0.01	0.02	1
G000804		2.33	18.6	840	13.3	6	<0.001	0.02	0.23	3.6	0.3	0.7	17	<0.01	0.04	1.2
G000805		2.22	33.7	1470	10.3	9.2	<0.001	0.02	0.27	4.8	0.4	0.7	16.5	0.01	0.04	1.4
G000806		3	44.5	1890	9.9	8.2	<0.001	0.02	0.23	6.6	0.5	0.8	15.8	0.03	0.05	1.3
G000807		9.82	56.8	2320	14.5	5.2	<0.001	0.03	0.19	4.6	0.7	2.5	20.5	0.06	0.03	1.1
G000808		2.39	114	800	16.3	3.7	<0.001	0.02	0.21	4.2	0.5	1	34.1	<0.01	0.02	0.6
G000809		1.91	50.5	1220	8.5	9.2	<0.001	0.02	0.29	6.2	0.4	0.6	29.5	0.01	0.05	1.1
G000810		2.72	88.7	1400	11.3	5	<0.001	0.03	0.16	5	0.5	0.9	48.1	0.01	0.03	0.7
G000811		2.56	86.8	1080	12.2	5.3	<0.001	0.03	0.17	4.9	0.6	0.9	48.2	<0.01	0.02	0.7



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<b>CERTIFICATE OF ANALYSIS TR07102230</b>
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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T	TI	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000772		0.029	0.11	0.32	39	0.13	5.31	53	<0.5
G000773		0.027	0.13	0.31	33	0.1	3.41	41	<0.5
G000774		0.04	0.13	0.29	54	0.13	2.8	58	2.7
G000775		0.019	0.13	0.34	33	0.06	2.96	32	<0.5
G000776		0.013	0.25	1.09	50	0.13	10.05	85	<0.5
G000777		0.03	0.12	0.37	38	0.1	6.82	53	<0.5
G000778		0.017	0.3	1.02	40	0.1	12.7	59	0.9
G000779		0.038	0.11	0.33	47	0.18	3.52	89	0.5
G000780		<0.005	<0.02	0.08	<1	<0.05	0.71	4	0.6
G000781		0.062	0.11	0.57	52	0.12	8.9	78	3.2
G000782		0.042	0.12	0.4	62	0.22	2.84	95	2.3
G000783		0.046	0.09	0.31	47	0.19	6.32	51	0.8
G000784		0.021	0.1	0.24	17	<0.05	1.92	12	<0.5
G000785		0.053	0.11	0.56	50	0.14	7.47	51	0.9
G000786		0.044	0.07	0.24	32	0.13	2.67	34	0.7
G000787		0.049	0.08	0.3	43	0.16	3.77	53	0.8
G000788		0.051	0.15	0.41	69	0.2	5.61	62	1.3
G000789		0.039	0.15	1.54	117	0.3	14.5	186	1.1
G000790		0.023	0.08	0.33	44	0.14	2.26	52	<0.5
G000791		0.021	0.07	0.32	42	0.12	2.25	51	<0.5
G000792		0.044	0.11	0.47	58	0.19	4.49	103	2.8
G000793		0.053	0.09	0.36	60	0.23	3.18	92	3.4
G000794		0.06	0.16	0.58	58	0.19	4.92	109	3.1
G000795		0.052	0.09	0.42	48	0.21	4.16	82	1.7
G000796		0.054	0.1	0.51	45	0.23	4.65	107	1.7
G000797		0.052	0.1	0.41	48	0.22	5.83	88	0.5
G000798		0.044	0.08	0.56	47	0.22	5.45	93	1.5
G000799		0.056	0.14	0.41	59	0.22	4.49	88	4.3
G000800		0.04	0.17	1.76	100	0.18	20.7	84	1.8
G000801		0.067	0.11	1.67	81	0.18	25.7	71	0.8
G000802		0.078	0.07	0.45	76	0.17	3.37	76	6.2
G000803		0.157	0.05	0.44	83	0.18	2.25	51	4.6
G000804		0.074	0.05	0.36	56	0.15	2.48	44	3.6
G000805		0.098	0.05	0.48	70	0.24	3.07	96	5.8
G000806		0.12	0.06	0.65	66	0.22	3.89	97	6.5
G000807		0.241	0.05	0.58	60	0.29	3.61	100	8
G000808		0.331	0.03	1.08	86	0.25	3.08	75	5.5
G000809		0.13	0.06	0.47	74	0.34	3.72	58	3.8
G000810		0.267	0.04	0.67	87	0.18	3.42	74	7.6
G000811		0.248	0.05	0.66	82	0.2	3.52	73	6.6



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000812		0.30	<0.001	0.23	2.83	1	<0.2	<10	110	0.25	0.22	0.33	0.21	15.7	19.1	61
G000813		0.40	<0.001	0.43	3.1	5	<0.2	<10	110	0.62	0.17	0.25	0.23	13.3	11.3	36
G000814		0.42	0.012	0.3	1.53	3.4	<0.2	<10	100	0.22	0.21	0.11	0.18	11.4	5.5	26
G000815		0.50	<0.001	0.24	1.79	6.8	<0.2	<10	130	0.23	0.2	0.22	0.28	9.62	8.5	30
G000816		0.38	<0.001	1.17	4.66	7.6	<0.2	<10	590	1.32	0.32	1.14	0.81	39.3	14.4	42
G000817		0.44	0.001	0.16	1.96	3.7	<0.2	<10	210	0.25	0.21	0.36	0.24	12.3	10.4	37
G000818		0.38	<0.001	0.29	3.09	3.8	<0.2	<10	160	0.29	0.16	0.36	0.21	12.1	12.8	51
G000819		0.52	<0.001	0.39	4.19	6.5	<0.2	<10	280	1.07	0.26	0.78	0.32	30.1	14.3	48
G000820		0.06	0.001	0.01	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.19	0.1	<1
G000821		0.48	0.002	0.13	2.46	4.8	<0.2	<10	130	0.3	0.2	0.26	0.3	11.85	9.6	40
G000822		0.36	0.001	0.25	1.3	2.5	<0.2	<10	100	0.14	0.24	0.12	0.15	11.2	5.1	32
G000823		0.46	0.121	0.17	2.57	6.5	<0.2	<10	90	0.4	0.19	0.14	0.14	10.4	8.1	35
G000824		0.52	0.001	0.08	3.8	1.6	<0.2	<10	210	0.63	0.08	0.99	0.14	29.7	32	79
G000825		0.46	<0.001	0.36	2.65	7.7	<0.2	<10	110	0.44	0.22	0.14	0.18	13.65	10.7	34
G000826		0.46	0.001	0.35	2.06	6.7	<0.2	<10	80	0.29	0.21	0.13	0.18	11.95	7.4	31
G000827		0.46	<0.001	0.19	2.31	10.1	<0.2	<10	90	0.34	0.17	0.17	0.22	10.55	11.1	38
G000828		0.50	0.001	0.18	1.6	3.3	<0.2	<10	120	0.24	0.2	0.18	0.25	13.15	8.1	28
G000829		0.36	<0.001	0.57	2.38	7.2	<0.2	<10	240	0.57	0.21	0.81	0.41	26.6	10.2	33
G000830		0.46	<0.001	0.46	2.16	5.7	<0.2	<10	150	0.58	0.31	0.55	0.33	19.35	10.2	25
G000831		0.48	<0.001	0.44	2.16	5.4	<0.2	<10	140	0.49	0.29	0.54	0.32	18.25	11.4	25
G000832		0.50	<0.001	0.27	2.47	5.3	<0.2	<10	160	0.34	0.25	0.27	0.19	15.2	8.6	29
G000833		0.42	<0.001	0.23	1.86	6	<0.2	<10	120	0.26	0.2	0.3	0.17	13.7	8.4	28
G000834		0.36	0.001	0.48	1.9	9.1	<0.2	<10	60	0.28	0.29	0.12	0.16	11.05	6.3	25
G000841		0.38	<0.001	0.17	1.72	4.3	<0.2	<10	310	0.47	0.14	0.58	0.18	18.8	9.4	26
G000842		0.38	0.001	0.14	1.15	2.9	<0.2	<10	100	0.21	0.14	0.18	0.12	9	5.3	19
G000843		0.54	0.001	0.08	1.82	4.9	<0.2	<10	110	0.34	0.15	0.17	0.09	9.76	8.9	26
G000844		0.52	0.004	0.16	2.07	2.8	<0.2	<10	640	0.83	0.14	0.53	0.42	27.2	16.2	34
G000845		0.46	<0.001	0.12	1.58	3.9	<0.2	<10	140	0.24	0.18	0.18	0.11	9.27	7	25
G000846		0.44	0.001	0.02	1.62	3	<0.2	<10	140	0.29	0.12	0.21	0.05	8.45	7.4	26
G000847		0.36	0.001	0.25	1.22	2.3	<0.2	<10	120	0.2	0.23	0.22	0.16	11.05	6.6	23
G000848		0.34	<0.001	0.06	0.95	2.8	<0.2	<10	60	0.1	0.16	0.17	0.17	8.42	3.9	26
G000849		0.46	0.001	0.07	1.95	6	<0.2	<10	140	0.34	0.38	0.15	0.28	15.5	10.4	23
G000850		0.44	0.001	0.05	1.19	3.8	<0.2	<10	70	0.18	0.29	0.28	0.16	10.2	6.1	19
G000851		0.48	<0.001	0.06	1.38	4.4	<0.2	<10	80	0.22	0.28	0.3	0.18	10.85	6.9	21
G000852		0.32	0.001	0.11	1.87	5.9	<0.2	<10	100	0.64	0.3	0.23	0.21	14.6	9.5	20
G000853		0.38	<0.001	0.13	0.81	2	0.2	<10	80	0.12	0.34	0.17	0.22	9.05	2.7	15
G000854		0.36	<0.001	0.05	0.66	2.6	<0.2	<10	80	0.12	0.19	0.31	0.2	10.85	4	18
G000855		0.38	0.001	0.08	1.27	6.9	<0.2	<10	120	0.27	0.29	0.22	0.16	14.8	8.6	23
G000856		0.52	0.004	0.08	1.45	7.5	<0.2	<10	140	0.33	0.22	0.18	0.29	13.2	5.4	18
G000857		0.42	<0.001	0.03	1.45	3.3	<0.2	<10	110	0.27	0.13	0.29	0.15	13.35	8.1	20



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000812		2.69	25.4	5.08	11.85	0.08	0.15	0.06	0.038	0.05	8.9	9.7	1.78	524	0.63	0.03
G000813		2.82	17.8	3.39	7.33	0.06	0.1	0.09	0.042	0.04	5.8	13.9	0.81	386	0.97	0.01
G000814		1.12	12.7	2.91	7.62	0.05	0.05	0.05	0.023	0.03	5.9	8.3	0.36	204	0.65	0.01
G000815		1.33	18	3.52	6.67	0.05	0.02	0.06	0.033	0.05	5	11.2	0.46	417	0.96	0.01
G000816		3.41	77.1	3.82	10.05	0.16	0.14	0.16	0.074	0.08	35.6	18.1	0.8	1130	0.97	0.01
G000817		1.02	15.3	3.64	8.35	0.06	0.02	0.04	0.033	0.05	5.9	10.5	0.57	1215	0.66	0.01
G000818		1.8	16.1	4.11	8.83	0.05	0.1	0.06	0.039	0.07	5.9	12.8	0.9	478	0.73	0.01
G000819		2.39	54.1	4.06	9.13	0.08	0.1	0.07	0.056	0.07	12.7	17	1	927	0.78	0.01
G000820		<0.05	0.8	0.02	0.06	<0.05	0.02	0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
G000821		1.53	17.6	3.91	9.38	0.06	0.05	0.04	0.036	0.04	6.1	10.8	0.53	349	0.82	0.01
G000822		0.73	11.5	3.24	7.64	<0.05	0.03	0.04	0.019	0.03	6	4.9	0.27	250	0.9	0.01
G000823		1.69	17.5	4.29	8.49	0.06	0.1	0.11	0.039	0.03	5.4	17.1	0.49	299	1.02	0.01
G000824		8.89	12.2	3.91	9.39	0.09	0.29	0.04	0.03	0.07	12.2	21.4	3.14	2950	1.01	0.1
G000825		2.15	22.1	3.75	8.85	0.05	0.04	0.06	0.039	0.04	6.1	17	0.62	311	1.2	0.01
G000826		1.84	18.3	3.58	8.65	0.06	0.02	0.07	0.031	0.04	6	13.2	0.48	260	1.3	0.01
G000827		2	23.5	4.47	8.66	0.07	0.02	0.04	0.042	0.04	5.3	15.1	0.64	356	1.04	0.01
G000828		1.62	14.7	2.94	8.04	0.05	0.02	0.02	0.025	0.06	7.2	13.1	0.5	740	0.72	0.01
G000829		1.7	59.2	3.11	7.65	0.07	0.06	0.04	0.038	0.05	15.5	20.9	0.61	704	0.63	0.02
G000830		3.56	35.2	3.09	9.35	0.07	0.06	0.04	0.047	0.04	13.9	20.6	0.62	889	0.92	0.02
G000831		3.6	36.5	3.23	9.29	0.07	0.07	0.03	0.049	0.04	12.8	20.7	0.68	830	0.87	0.02
G000832		2.97	28.4	2.76	7.71	0.05	0.03	0.03	0.034	0.04	7.2	17.9	0.61	251	0.61	0.01
G000833		2.01	20.1	2.98	7.17	0.05	0.04	0.03	0.031	0.04	6.8	17.9	0.63	249	0.63	0.01
G000834		2.03	19.9	3.37	7.78	0.05	0.02	0.08	0.038	0.04	5.5	12.8	0.36	370	1.04	0.01
G000841		1.54	25.1	2.87	5.49	0.06	0.05	0.02	0.028	0.05	11.8	10.7	0.56	537	0.8	0.02
G000842		1.09	7.7	2.48	5.96	<0.05	0.05	0.02	0.018	0.04	4.7	9	0.25	188	1.03	0.01
G000843		1.54	15.1	3.34	6.9	0.05	0.07	0.02	0.029	0.04	5	11.3	0.46	266	1.24	0.01
G000844		3.87	32.8	3.28	7.79	0.07	0.04	0.05	0.04	0.07	12.9	12.9	0.62	1830	1.67	<0.01
G000845		1.61	12.3	3.02	7.3	<0.05	0.05	0.02	0.021	0.04	4.9	12.1	0.36	196	1.09	0.01
G000846		1.21	10.9	2.97	6.13	<0.05	0.06	0.01	0.021	0.05	4.4	8.5	0.53	242	0.55	0.01
G000847		1.16	13.9	2.58	6.12	<0.05	<0.02	0.04	0.023	0.06	5.5	10	0.29	184	0.76	0.01
G000848		0.79	6.3	2.87	5.73	<0.05	<0.02	0.02	0.011	0.03	4.6	4	0.19	136	0.78	0.01
G000849		2.48	30.6	4.24	7.22	0.06	0.05	0.01	0.037	0.06	7.9	11.5	0.44	332	2.3	0.01
G000850		1.22	14.9	2.77	5.37	0.05	0.06	0.01	0.024	0.08	5.1	8.7	0.29	237	1.06	0.01
G000851		1.38	18.4	3.05	5.87	0.05	0.06	0.01	0.028	0.09	5.4	9.8	0.33	259	1.22	0.01
G000852		3.49	93.2	2.97	6.37	0.05	0.08	0.02	0.039	0.04	10.2	17.4	0.36	286	1.95	0.01
G000853		1.04	6	1.9	4.25	<0.05	0.02	0.02	0.013	0.05	4.8	5.3	0.16	172	0.73	0.01
G000854		0.63	7.7	1.99	4.7	<0.05	<0.02	0.01	0.014	0.06	5.9	4.4	0.15	218	0.72	<0.01
G000855		1.76	22	2.93	5.4	0.05	0.04	0.03	0.027	0.05	5.6	8.6	0.38	278	1.04	0.01
G000856		1.71	11.6	2.74	7.02	0.05	0.03	0.02	0.028	0.05	7.1	10.8	0.22	307	0.83	0.01
G000857		1.44	16.8	2.53	5.22	<0.05	0.03	0.01	0.023	0.05	6.8	8.5	0.44	323	0.77	0.01



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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000812		2.57	101	960	12.4	4.8	<0.001	0.03	0.12	5.5	0.6	1	31	<0.01	0.02	0.6
G000813		2.84	42.8	2330	8.2	8.2	<0.001	0.03	0.21	4.4	0.3	0.6	22.2	0.02	0.04	0.8
G000814		2.12	18.2	870	13	6	<0.001	0.01	0.22	3.2	0.3	0.7	12.9	<0.01	0.03	0.8
G000815		1.14	22.7	1550	11	8.1	<0.001	0.02	0.31	3.3	0.3	0.5	18.8	<0.01	0.05	0.6
G000816		1.99	46.3	1670	14.9	11.7	<0.001	0.04	0.32	16.2	1.3	0.6	90.7	0.01	0.07	1.5
G000817		1.18	29	1720	11.1	7	<0.001	0.02	0.22	3.7	0.3	0.5	21.3	<0.01	0.03	0.4
G000818		2.4	56.7	2210	10.6	7.2	<0.001	0.02	0.19	5	0.3	0.6	29.3	0.02	0.04	0.8
G000819		1.6	48.5	1400	12.3	9	<0.001	0.03	0.35	9.4	0.5	0.6	73.1	<0.01	0.06	1.1
G000820		<0.05	0.4	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.01	<0.2	0.7	<0.01	<0.01	0.3
G000821		1.88	31.7	1300	11.2	7.2	<0.001	0.01	0.24	4.5	0.3	0.7	24.3	0.01	0.04	0.8
G000822		1.79	16.3	590	11.5	4.4	<0.001	0.02	0.23	2.9	0.2	0.8	15.2	<0.01	0.02	0.6
G000823		2.13	26	1640	9.8	8.7	<0.001	0.02	0.27	4.3	0.4	0.7	10.5	<0.01	0.03	1
G000824		2.07	157	1760	6.7	5.9	<0.001	0.02	0.09	9.1	0.5	0.5	52.1	0.02	0.02	0.9
G000825		3.21	27.5	1110	10.8	9.7	<0.001	0.02	0.3	4.3	0.4	0.8	14.4	<0.01	0.06	0.8
G000826		1.72	20.7	710	10.5	9.9	<0.001	0.02	0.33	3.5	0.4	0.7	14.7	<0.01	0.06	0.5
G000827		1.26	30.1	1580	9.3	9.4	<0.001	0.02	0.39	4.1	0.4	0.5	15.8	<0.01	0.07	0.4
G000828		1.56	19.9	750	10.9	9.8	<0.001	0.01	0.21	3.6	0.3	0.7	20.5	<0.01	0.04	0.4
G000829		1.07	27.7	390	11.1	8.4	<0.001	0.02	0.2	7.8	0.6	0.5	84	<0.01	0.05	0.7
G000830		8.13	20.6	480	12.2	11.4	<0.001	0.02	0.26	5.7	0.5	1.8	33.7	0.01	0.05	0.9
G000831		7.41	20.8	450	12.4	11.7	<0.001	0.02	0.25	5.9	0.4	1.6	33.7	0.01	0.05	1.1
G000832		1.3	29.2	490	11.2	6.9	<0.001	0.02	0.21	4.3	0.4	0.5	26.4	<0.01	0.04	0.3
G000833		1.47	28.2	630	10.3	6.1	<0.001	0.01	0.26	4.5	0.3	0.5	27.3	<0.01	0.04	0.8
G000834		2	14.7	1420	11.8	7.7	<0.001	0.03	0.35	3	0.4	0.6	10.7	<0.01	0.06	0.6
G000841		0.91	20.4	270	7.4	9.9	<0.001	0.02	0.3	5.5	0.4	0.4	67	<0.01	0.03	0.8
G000842		0.85	10.4	340	7.1	11.2	<0.001	0.02	0.21	2.6	0.2	0.4	14.3	<0.01	0.02	0.9
G000843		0.73	20.2	390	7.2	12.8	<0.001	0.01	0.28	3.6	0.2	0.5	12.7	<0.01	0.03	1
G000844		0.43	21.1	1370	9.7	13.4	<0.001	0.03	0.15	7.6	0.4	0.4	42.2	<0.01	0.03	1
G000845		0.64	15.3	390	7.5	10.3	<0.001	0.01	0.22	3	0.2	0.5	14.1	<0.01	0.03	0.8
G000846		1	18.7	960	6	7.2	<0.001	0.01	0.17	3.3	0.2	0.5	12.1	<0.01	0.02	0.8
G000847		1	12.2	570	8.4	11.6	<0.001	0.02	0.2	2.7	0.3	0.5	20.2	<0.01	0.03	0.7
G000848		0.74	11.9	550	7.6	5.3	<0.001	0.02	0.23	2.1	0.2	0.5	11.9	<0.01	0.03	0.6
G000849		0.6	16.2	430	10	19.4	<0.001	0.01	0.26	3.4	0.2	0.6	14.8	<0.01	0.11	1.9
G000850		0.71	11.3	270	7.6	16.3	<0.001	0.01	0.2	2.5	0.2	0.5	14.4	<0.01	0.04	1.1
G000851		0.75	12.9	350	7.7	17.4	<0.001	0.01	0.22	2.8	0.2	0.5	15.2	<0.01	0.05	1.1
G000852		1.4	18.4	260	8.5	11.2	<0.001	0.01	0.22	3.5	0.4	0.5	11.6	<0.01	0.06	1.4
G000853		0.52	5.3	250	7.3	13	<0.001	0.01	0.21	1.8	0.2	0.4	14.1	<0.01	0.02	0.6
G000854		0.81	8	220	8.7	16.8	<0.001	0.01	0.23	1.6	0.2	0.5	24.4	<0.01	0.02	0.3
G000855		0.91	15.7	340	9.6	10.2	<0.001	0.01	0.5	3.6	0.3	0.4	17.6	<0.01	0.03	1.2
G000856		1.53	11	870	9.3	15.3	<0.001	0.01	0.26	2.6	0.2	0.6	16.9	<0.01	0.02	1.2
G000857		0.76	15.6	290	7	10.7	<0.001	0.01	0.24	3.1	0.2	0.4	20	<0.01	0.02	0.7



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CERTIFICATE OF ANALYSIS TR07102230
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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		T	TI	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000812		0.285	0.03	0.52	91	0.13	3.23	64	7.3
G000813		0.108	0.04	0.44	69	0.24	3.25	79	3.8
G000814		0.063	0.07	0.27	68	0.12	1.96	60	1.9
G000815		0.053	0.06	0.27	76	0.16	1.78	68	0.7
G000816		0.018	0.13	1.64	71	0.19	34.4	156	3
G000817		0.067	0.05	0.35	77	0.18	2.34	95	0.6
G000818		0.119	0.06	0.41	83	0.21	2.42	83	3.2
G000819		0.029	0.08	1.55	77	0.17	10.55	97	2.1
G000820		<0.005	<0.02	0.08	<1	<0.05	0.59	2	0.5
G000821		0.064	0.05	0.4	82	0.16	1.91	72	1.7
G000822		0.074	0.04	0.29	80	0.15	1.54	56	0.8
G000823		0.041	0.06	0.33	81	0.16	2.27	87	2.8
G000824		0.261	0.05	0.93	71	0.18	13.15	78	12.6
G000825		0.074	0.07	0.4	77	0.22	2.68	77	1.3
G000826		0.062	0.05	0.37	80	0.2	2.05	75	0.6
G000827		0.084	0.05	0.36	93	0.21	2.81	78	0.8
G000828		0.072	0.06	0.36	64	0.12	3.03	101	0.6
G000829		0.046	0.07	1.69	74	0.16	15.4	76	1.2
G000830		0.08	0.08	1.32	66	0.24	12.45	178	1.8
G000831		0.09	0.08	1.22	73	0.22	11.65	173	2.2
G000832		0.063	0.06	0.44	56	0.17	4.25	82	0.6
G000833		0.084	0.05	0.37	65	0.15	3.72	64	1.6
G000834		0.068	0.08	0.3	72	0.24	1.97	69	0.5
G000841		0.047	0.06	1.83	62	0.17	10	55	1.2
G000842		0.05	0.03	0.25	65	0.13	1.97	45	1.3
G000843		0.047	0.04	0.3	79	0.14	2.32	59	2
G000844		0.01	0.05	0.37	63	0.17	7.23	70	0.7
G000845		0.033	0.04	0.27	78	0.14	1.98	58	1.5
G000846		0.039	0.03	0.25	65	0.12	1.99	57	2.3
G000847		0.037	0.03	0.28	64	0.21	1.91	47	0.5
G000848		0.041	0.05	0.27	69	0.32	1.37	35	0.5
G000849		0.026	0.11	0.58	73	0.14	2.55	63	1.4
G000850		0.029	0.05	0.34	64	0.15	2.11	42	1.7
G000851		0.031	0.05	0.37	70	0.16	2.39	48	1.8
G000852		0.031	0.07	1.33	60	0.19	10.65	66	1.8
G000853		0.039	0.05	0.23	54	0.16	1.55	35	0.5
G000854		0.039	0.03	0.27	53	0.17	1.43	31	<0.5
G000855		0.048	0.05	0.34	69	0.17	3.14	54	1.4
G000856		0.029	0.07	0.33	55	0.15	2.44	73	1.1
G000857		0.041	0.04	0.46	57	0.16	4.1	48	0.7



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt	Au	Ag	Al	As	Au	B	Ba	Be	B	Ca	Cd	Ce	Co	Cr
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G000858		0.42	<0.001	0.12	1.43	5.6	<0.2	<10	210	0.47	0.11	0.32	0.15	20.8	8.1	18
G000859		0.22	0.001	0.21	2	3.4	<0.2	<10	750	1.2	0.09	1.17	0.5	71.3	6.7	21
G000860		0.08	<0.001	<0.01	0.01	0.2	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.16	0.1	<1
G000861		0.44	<0.001	0.05	1.44	5.1	<0.2	<10	130	0.3	0.09	0.15	0.05	11.9	7	16
G000862		0.48	<0.001	0.08	1.77	4.2	<0.2	<10	160	0.47	0.09	0.27	0.06	20.1	6.4	20
G000863		0.36	0.004	0.11	1.49	4.7	<0.2	<10	130	0.3	0.09	0.14	0.06	13.5	5	17
G000864		0.40	0.003	0.06	1.23	4	<0.2	<10	120	0.32	0.1	0.23	0.05	15.9	5.6	17
G000865		0.28	0.002	0.24	2.63	6.8	<0.2	<10	360	1.32	0.13	0.86	0.3	57.4	14.2	24
G000866		0.34	0.001	0.04	1.41	4.7	<0.2	<10	120	0.26	0.09	0.26	0.05	17.15	6.4	20
G000867		0.58	0.001	0.07	1.55	3.3	<0.2	<10	140	0.31	0.1	0.21	0.03	15.4	5.3	19
G000868		0.32	0.001	0.18	4.22	9.9	<0.2	<10	430	0.85	0.05	0.59	0.23	37.3	26.7	23
G000869		0.48	0.001	0.08	1.24	6.1	<0.2	<10	140	0.25	0.08	0.29	0.13	14	7.8	20
G000870		0.42	0.002	0.07	2.11	8.8	<0.2	<10	220	0.58	0.12	0.5	0.14	28.3	14.4	27
G000871		0.46	<0.001	0.07	2.19	8.7	<0.2	<10	220	0.52	0.12	0.52	0.14	28.2	14.2	28
G000872		0.46	0.001	0.12	1.27	5.8	<0.2	<10	260	0.47	0.12	0.49	0.25	27.6	7.8	17
G000873		0.42	<0.001	0.15	1.45	3	<0.2	<10	140	0.27	0.09	0.21	0.06	15	5.4	20
G000874		0.42	0.002	0.26	1.22	4.2	<0.2	<10	200	0.29	0.1	0.34	0.13	19.35	5.7	15
G000875		0.24	<0.001	0.36	2.66	10.2	<0.2	<10	350	0.72	0.12	1.35	0.78	53.4	12	27
G000876		0.46	0.002	0.08	1.22	5.2	<0.2	<10	110	0.23	0.08	0.17	0.06	10.15	5.7	17
G000877		0.40	<0.001	0.07	1.21	3	<0.2	<10	140	0.27	0.09	0.21	0.06	15.5	4.9	15
G000878		0.42	0.003	0.09	1.66	6	<0.2	<10	150	0.29	0.1	0.22	0.17	11.5	6.5	21
G000879		0.36	0.010	0.58	3.45	6.9	<0.2	<10	410	1.34	0.11	0.7	0.25	56.9	7.6	30
G000880		0.46	<0.001	0.22	2.42	5.9	<0.2	<10	140	0.5	0.1	0.13	0.13	14.15	6.6	22
G000881		0.46	0.001	0.03	1.29	6.5	<0.2	<10	180	0.36	0.11	0.29	0.04	17.65	6.4	19
G000882		0.46	0.001	0.24	2.21	4.5	<0.2	<10	130	0.41	0.12	0.09	0.08	13.3	4.9	15
G000883		0.32	0.002	0.2	0.93	5.7	<0.2	<10	390	0.38	0.1	0.66	0.08	20.7	3.6	12
G000884		0.34	0.001	0.17	1.58	4.6	<0.2	<10	260	0.49	0.13	0.31	0.12	30.1	5.6	18
G000885		0.30	0.001	0.1	1.3	3.9	<0.2	<10	280	0.45	0.11	0.41	0.1	35.3	8.6	19
G000886		0.30	<0.001	0.09	1.87	6.2	<0.2	<10	210	0.53	0.1	0.22	0.22	23.3	8.8	24
G000887		0.36	<0.001	0.19	1.41	4.9	<0.2	<10	290	0.44	0.1	0.37	0.23	31.3	13.7	17
G000888		0.36	<0.001	0.13	1.2	2	<0.2	<10	190	0.37	0.11	0.22	0.04	14.65	3.8	17
G000889		0.50	0.002	0.06	1.47	2.9	<0.2	<10	170	0.33	0.08	0.3	0.04	20.3	4.7	19
G000890		0.46	0.001	0.13	1.3	3.2	<0.2	<10	150	0.37	0.09	0.3	0.05	18.4	6	18
G000891		0.38	0.001	0.05	1.27	3.3	<0.2	<10	150	0.37	0.09	0.31	0.04	18.95	5.7	17
G000892		0.40	0.001	0.16	1.45	9	<0.2	<10	330	0.59	0.13	0.47	0.16	33.6	15.3	20
G000893		0.34	0.001	0.24	1.52	2.9	<0.2	<10	270	0.38	0.1	0.41	0.11	23	5	19
G000894		0.30	<0.001	0.14	1.87	3.9	<0.2	<10	210	0.55	0.14	0.38	0.09	21.9	9.4	22
G000895		0.38	0.002	0.23	1.79	4.2	<0.2	<10	220	0.46	0.13	0.56	0.12	20	10.2	19
G000896		0.54	0.002	0.04	1.31	4.3	<0.2	<10	140	0.36	0.09	0.34	0.05	18.75	5.5	19
G000897		0.56	0.001	0.11	2.16	11.1	<0.2	<10	290	0.81	0.11	0.36	0.1	37.8	10.7	24



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Finalized Date: 17-OCT-2007

Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000858		1.52	13.2	2.28	5.58	0.06	0.03	0.02	0.028	0.06	9.3	10.1	0.31	547	0.53	0.01
G000859		0.74	24	2.18	6.24	0.1	0.14	0.06	0.039	0.1	27.1	11.3	0.39	549	0.46	0.01
G000860		<0.05	0.7	0.02	0.05	<0.05	0.02	0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
G000861		1.52	8.3	1.99	5.5	<0.05	0.05	0.03	0.021	0.04	6	12.5	0.24	339	0.47	<0.01
G000862		1.51	13.2	2.15	5.91	0.05	0.02	0.03	0.028	0.05	9.2	11.2	0.37	349	0.4	0.01
G000863		1.36	8.5	2.02	5.87	<0.05	0.05	0.03	0.023	0.04	6.6	10.6	0.26	147	0.41	0.01
G000864		1.4	9.8	1.94	4.67	0.05	0.04	0.01	0.024	0.04	7.9	10.7	0.32	204	0.3	0.01
G000865		1.48	29.8	2.7	7.86	0.09	0.08	0.07	0.05	0.07	25.4	13.2	0.42	1280	0.78	0.01
G000866		1.13	11.2	2.12	5.12	<0.05	0.03	0.01	0.023	0.05	8.2	11.9	0.43	323	0.33	<0.01
G000867		1.43	11	1.69	5.78	<0.05	<0.02	0.03	0.022	0.04	7.5	11.4	0.36	173	0.29	0.01
G000868		0.74	24.7	5.77	13.75	0.13	0.17	0.06	0.063	0.09	15.5	4.3	1.13	813	0.55	0.03
G000869		1.09	11.1	2.42	4.72	0.05	0.03	0.01	0.024	0.06	6.4	9.6	0.32	355	0.42	0.01
G000870		1.08	19.6	3.68	6.89	0.09	0.1	0.03	0.042	0.07	12	18.1	0.57	814	0.59	0.01
G000871		0.99	19.3	3.81	6.82	0.08	0.11	0.03	0.039	0.07	12	18	0.59	815	0.6	0.01
G000872		1.24	18.4	1.79	5.04	0.06	0.03	0.02	0.029	0.07	14.2	9.6	0.31	486	0.43	0.02
G000873		1.3	8.1	1.85	6.56	<0.05	0.02	0.02	0.02	0.05	7.3	11	0.37	273	0.33	0.01
G000874		1.73	6.9	1.87	5.17	0.05	0.02	0.02	0.02	0.05	10.2	15.1	0.29	457	0.55	0.01
G000875		1.2	32.3	3	7.26	0.1	0.15	0.11	0.044	0.09	24.7	13.9	0.53	1900	0.85	0.01
G000876		0.99	9.1	2.02	5.02	<0.05	<0.02	0.03	0.02	0.05	5	10	0.33	343	0.4	<0.01
G000877		1.07	10.1	1.71	5.03	<0.05	0.02	0.03	0.018	0.04	7.6	10.4	0.28	229	0.35	0.01
G000878		0.97	10.7	2.77	7.17	0.05	0.04	0.04	0.026	0.08	5.6	14.7	0.32	464	0.53	<0.01
G000879		1.32	35.9	3.78	9.65	0.12	0.17	0.12	0.06	0.07	31.2	16.1	0.46	317	1.89	0.02
G000880		1.59	10.8	2.74	7.48	0.06	0.06	0.06	0.031	0.05	7	11	0.25	224	0.43	<0.01
G000881		1.28	11.3	2.41	4.38	0.06	0.09	0.02	0.03	0.05	8.4	9.1	0.34	270	0.32	0.01
G000882		1.56	8.4	2.03	7.44	0.05	0.12	0.04	0.025	0.05	6.7	10.3	0.17	186	0.52	<0.01
G000883		0.42	11.9	1.66	4.55	0.05	0.03	0.05	0.02	0.07	9.3	7.2	0.18	131	0.65	0.01
G000884		1.56	13.5	2.14	6.67	0.06	0.05	0.03	0.034	0.06	13.9	10.9	0.32	578	0.49	0.01
G000885		0.98	10.8	1.94	5.33	0.07	0.03	0.03	0.03	0.06	16	9.9	0.31	694	0.35	0.01
G000886		0.99	13.7	3.07	6.57	0.07	0.15	0.02	0.036	0.05	11.1	8.9	0.26	647	0.53	0.01
G000887		1.23	12.5	2.06	5.15	0.06	0.02	0.07	0.028	0.05	12.1	10.5	0.29	1285	0.44	0.01
G000888		0.89	12.9	1.6	5.42	<0.05	0.02	0.02	0.017	0.04	7.1	6	0.21	163	0.32	0.01
G000889		1.04	10	1.85	5.17	0.05	0.04	0.01	0.022	0.04	10	10	0.33	210	0.29	0.01
G000890		1.17	10.6	1.87	4.97	0.05	0.02	0.01	0.021	0.04	8.8	8.2	0.32	374	0.4	<0.01
G000891		1.09	10.1	1.85	4.77	0.05	0.02	0.02	0.022	0.04	9.1	8.2	0.32	357	0.38	<0.01
G000892		0.98	15.9	3.15	5.58	0.07	0.02	0.03	0.03	0.06	14.1	9.7	0.33	1880	0.57	0.01
G000893		1.04	13.5	1.69	4.78	0.05	0.02	0.04	0.027	0.05	11.3	9.1	0.33	234	0.31	<0.01
G000894		1.52	15.2	2	6.51	0.05	0.02	0.04	0.033	0.06	10.3	10.2	0.37	590	0.47	<0.01
G000895		1.72	13.5	1.85	6.17	0.05	0.02	0.05	0.029	0.06	9.5	9.5	0.35	738	0.58	<0.01
G000896		1.07	10.9	2.2	4.38	0.05	0.03	0.02	0.021	0.04	9.3	8.5	0.37	287	0.35	0.01
G000897		1.01	20.6	3.08	6.5	0.07	0.1	0.05	0.041	0.07	16.1	9.6	0.32	313	0.74	<0.01





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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	Se	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000858		0.84	19.5	740	6.1	11.8	<0.001	0.01	0.15	3.7	0.3	0.5	46.3	<0.01	0.01	0.9
G000859		0.58	24.4	1000	6.3	10	0.001	0.03	0.17	7	1	0.5	214	0.01	0.01	0.9
G000860		<0.05	0.4	10	0.6	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	1	<0.01	<0.01	0.3
G000861		0.85	16.5	750	5.6	12.6	<0.001	0.01	0.11	2.9	0.2	0.5	19.5	<0.01	0.01	1.1
G000862		0.61	19.3	660	4.9	10.1	<0.001	0.01	0.11	3.7	0.4	0.5	34.4	<0.01	0.01	0.7
G000863		0.88	14.4	850	5.9	9.4	<0.001	0.01	0.11	3.2	0.2	0.5	20.9	<0.01	<0.01	1.1
G000864		0.76	16.1	610	5.1	9.3	<0.001	0.01	0.11	3.4	0.2	0.4	26.7	<0.01	0.01	1.2
G000865		0.77	25.2	720	8.5	12.6	<0.001	0.04	0.12	5.5	0.9	0.6	107.5	<0.01	0.02	0.9
G000866		0.61	19.4	630	5.2	9.6	<0.001	0.01	0.12	3.8	0.2	0.4	30.6	<0.01	<0.01	1
G000867		0.77	15.6	420	5.3	10.5	<0.001	0.01	0.08	3.5	0.2	0.5	33.5	<0.01	0.01	0.7
G000868		0.76	42.5	2240	5.1	11.4	<0.001	0.03	0.05	12.5	0.6	0.8	140	<0.01	0.01	1.1
G000869		0.54	17.9	640	5.9	13.3	<0.001	0.01	0.15	3.3	0.2	0.4	37.4	<0.01	0.01	1
G000870		0.59	27.5	430	7	11.7	<0.001	0.02	0.19	9.8	0.5	0.6	49.7	<0.01	0.02	1.7
G000871		0.58	27.1	430	6.9	10.8	<0.001	0.02	0.18	9.5	0.6	0.5	50.2	<0.01	0.03	1.7
G000872		0.48	17.2	580	7.5	15.7	<0.001	0.02	0.09	3.4	0.4	0.5	68.3	<0.01	0.01	0.5
G000873		1.88	14.3	520	5.4	11.8	<0.001	0.01	0.08	3.1	0.3	0.7	28.6	<0.01	<0.01	0.6
G000874		1.12	11	380	6.5	13.8	<0.001	0.02	0.11	2.9	0.3	0.5	48.4	<0.01	0.01	0.6
G000875		0.74	33.2	1050	6.5	11.6	0.001	0.08	0.29	7.5	1.1	0.6	114	0.01	0.03	0.8
G000876		0.83	12.9	400	4.4	11.8	<0.001	0.01	0.11	3	0.2	0.4	20.1	<0.01	<0.01	0.6
G000877		0.81	12.5	320	5.1	11.6	<0.001	0.01	0.1	3.2	0.2	0.5	27.6	<0.01	<0.01	0.7
G000878		1.06	16.1	1820	6	10.5	<0.001	0.01	0.13	3.7	0.2	0.6	22.6	<0.01	0.01	1
G000879		0.64	33.8	1240	8.4	7.6	0.003	0.08	0.1	8.3	1	0.8	97.5	0.01	0.02	0.9
G000880		1.98	16.4	2140	6.7	12	<0.001	0.01	0.11	3.8	0.3	0.7	17.9	0.01	0.01	1.3
G000881		0.33	15.6	390	6.4	8.7	<0.001	0.01	0.12	4.4	0.2	0.4	38.3	<0.01	0.02	1.6
G000882		2.25	13.4	1310	7.1	9.4	<0.001	0.01	0.08	2.8	0.2	0.8	14.8	0.01	0.01	1.5
G000883		0.62	15.4	390	6.5	7.3	<0.001	0.03	0.11	2.4	0.3	0.5	152.5	<0.01	0.01	0.7
G000884		0.9	15.4	900	5.7	17.2	<0.001	0.01	0.09	3.8	0.2	0.7	63.3	<0.01	<0.01	1.7
G000885		0.62	13.7	830	6.3	11.1	<0.001	0.01	0.07	3.8	0.3	0.6	86.9	<0.01	<0.01	1.1
G000886		0.51	19.6	2080	7	11.7	<0.001	0.01	0.1	4.2	0.3	0.6	32.4	<0.01	0.02	2.1
G000887		0.49	15.3	690	7.1	11.7	<0.001	0.02	0.1	3.4	0.4	0.5	66.9	<0.01	0.01	0.6
G000888		0.88	8.3	560	5.5	8.9	<0.001	0.01	0.06	2.4	0.2	0.6	33.4	<0.01	0.03	0.6
G000889		0.79	12.6	570	4.4	8.1	<0.001	0.01	0.07	3.3	0.2	0.5	41.1	<0.01	<0.01	1.2
G000890		0.58	12.7	430	6.4	10.1	<0.001	0.01	0.09	3.1	0.2	0.5	40.5	<0.01	0.01	0.7
G000891		0.57	12.6	450	5.7	9	<0.001	0.01	0.09	3	0.2	0.4	41.8	<0.01	0.01	0.7
G000892		0.67	14.4	1000	8.9	10.9	<0.001	0.01	0.08	4	0.4	0.6	71.5	<0.01	0.03	1
G000893		0.42	14.9	750	5.6	8.5	<0.001	0.01	0.07	3	0.3	0.5	53.1	<0.01	0.01	0.5
G000894		0.68	17	680	7.4	13.3	<0.001	0.02	0.08	3.5	0.4	0.6	52.1	<0.01	0.03	0.5
G000895		0.76	14.1	710	6.7	14.7	<0.001	0.02	0.09	3.2	0.5	0.6	62.2	<0.01	0.02	0.5
G000896		0.64	13.4	510	5.3	6.6	<0.001	0.01	0.07	3.3	0.2	0.5	39.7	<0.01	0.01	1.1
G000897		0.68	27.4	1340	7.6	9.5	<0.001	0.01	0.13	5.4	0.4	0.7	51.3	<0.01	0.03	2.5



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		T	TI	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000858		0.029	0.07	0.5	45	0.07	6.33	85	0.6
G000859		0.016	0.06	1.27	40	0.08	36.4	82	1.9
G000860		<0.005	<0.02	0.08	<1	<0.05	0.66	3	0.5
G000861		0.028	0.06	0.33	39	0.05	2.38	75	1.7
G000862		0.03	0.08	0.55	43	0.06	5.75	66	<0.5
G000863		0.039	0.05	0.37	43	0.05	2.94	55	1.5
G000864		0.041	0.06	0.39	40	<0.05	4.49	59	1.2
G000865		0.015	0.07	1.79	55	0.1	22.4	89	1.1
G000866		0.046	0.05	0.41	46	0.05	4.68	56	0.9
G000867		0.034	0.08	0.46	39	0.05	3.74	51	<0.5
G000868		0.059	0.04	0.44	117	<0.05	8.81	118	3.9
G000869		0.044	0.06	0.34	51	0.05	3.19	58	1
G000870		0.024	0.1	0.57	71	0.06	15.05	78	2.7
G000871		0.023	0.09	0.56	72	0.06	14.75	80	2.8
G000872		0.022	0.08	0.76	41	0.07	10.75	61	<0.5
G000873		0.052	0.07	0.36	40	0.05	3.11	88	0.6
G000874		0.042	0.07	0.36	44	0.08	4.94	68	<0.5
G000875		0.014	0.17	1.25	55	0.12	33.5	87	2.4
G000876		0.033	0.05	0.29	43	0.06	2.53	50	<0.5
G000877		0.039	0.05	0.37	38	<0.05	3.81	48	0.5
G000878		0.03	0.05	0.33	57	0.06	2.86	92	1.5
G000879		0.007	0.1	2.65	61	0.07	28.5	70	2.4
G000880		0.04	0.07	0.39	51	0.06	3.04	142	1.9
G000881		0.038	0.1	0.43	51	<0.05	5.16	44	2.7
G000882		0.035	0.07	0.37	38	0.05	2.1	89	3.8
G000883		0.021	0.04	0.56	35	0.05	4.12	30	0.9
G000884		0.037	0.1	0.68	44	<0.05	5.07	106	1.7
G000885		0.035	0.11	0.78	40	<0.05	7.02	56	0.8
G000886		0.037	0.08	0.58	59	<0.05	4.39	102	4.5
G000887		0.019	0.15	0.69	45	0.05	8.45	59	<0.5
G000888		0.052	0.06	0.36	36	0.07	2.61	51	0.7
G000889		0.047	0.06	0.51	41	<0.05	4.28	51	1.2
G000890		0.042	0.05	0.5	42	<0.05	4.48	46	0.6
G000891		0.04	0.06	0.5	40	<0.05	4.89	43	<0.5
G000892		0.035	0.09	0.78	60	0.05	7.88	74	0.6
G000893		0.022	0.1	0.77	36	<0.05	7.05	52	<0.5
G000894		0.023	0.08	0.8	49	0.05	5.98	73	<0.5
G000895		0.018	0.09	0.7	47	0.07	5.64	66	<0.5
G000896		0.041	0.07	0.62	49	<0.05	4.63	39	0.8
G000897		0.034	0.1	0.86	54	<0.05	8	84	3



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Finalized Date: 17-OCT-2007

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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
G000898		0.40	0.002	0.11	2.55	11.3	<0.2	<10	260	0.63	0.13	0.32	0.08	30.1	8.3	27
G000899		0.42	0.001	0.07	1.52	5	<0.2	<10	140	0.32	0.09	0.24	0.04	17.45	6.1	20
G000900		0.58	0.002	0.09	1.45	3.3	<0.2	<10	100	0.27	0.08	0.19	0.06	13.5	5.4	17
G000961		0.46	0.008	0.1	1.35	5.6	<0.2	<10	80	0.21	0.14	0.18	0.13	9.71	6.5	23
G000962		0.14	0.004	0.07	1.14	2.2	<0.2	<10	80	0.17	0.23	0.12	0.14	11	3.5	17
G000963		0.46	0.034	0.17	1.8	6.3	<0.2	<10	250	0.48	0.31	0.43	0.26	26.5	12.9	31
G000964		0.52	0.002	0.08	1.43	4.1	<0.2	<10	100	0.27	0.18	0.21	0.11	12.2	6.5	19
G000965		0.64	0.008	0.13	2.3	6.7	<0.2	<10	170	0.51	0.24	0.15	0.34	16.75	13.5	26
G000966		0.34	0.006	0.07	1.89	6	<0.2	<10	80	0.32	0.18	0.16	0.14	11.35	6.7	29
G000967		0.36	0.002	0.05	1.32	2.9	<0.2	<10	80	0.21	0.16	0.22	0.17	10.4	6.3	25
G000968		0.02	0.004	0.03	1.31	1.7	<0.2	<10	260	0.24	0.14	0.34	0.49	11.75	9.6	24
G000969		0.44	<0.001	0.02	1.55	4	<0.2	<10	220	0.29	0.13	0.27	0.13	11.75	9.4	28
G000970		0.12	<0.001	<0.01	0.01	0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.01	0.1	<1
G000971		0.28	0.005	0.16	1.54	1.8	<0.2	<10	160	0.25	0.13	0.2	0.14	9.34	7.7	27
G000972		0.30	0.004	0.05	1.58	4.4	<0.2	<10	220	0.38	0.12	0.3	0.1	12.3	10	27
G000973		0.30	0.002	0.09	1.49	4.7	<0.2	<10	130	0.3	0.16	0.23	0.2	10.25	8.5	24
G000974		0.34	0.004	0.14	4.66	9.9	<0.2	<10	170	0.33	0.12	0.5	0.48	10.1	20	40
G000975		0.40	0.004	0.14	3.9	6.9	<0.2	<10	130	0.3	0.13	0.29	0.45	8.62	16.6	43
G000976		0.40	0.004	0.26	1.52	5	<0.2	<10	90	0.12	0.28	0.32	0.18	7.03	8.3	26
G000977		0.40	<0.001	0.06	1.42	5.5	<0.2	<10	80	0.13	0.18	0.16	0.35	6.43	6.1	16
G000978		0.24	0.005	0.12	1.61	2.2	<0.2	<10	30	0.19	0.06	0.16	0.13	6.49	3.8	14
G000979		0.40	0.006	0.12	0.9	1.2	<0.2	<10	50	0.14	0.05	0.33	0.17	10.3	2.4	7
G000980		0.42	0.002	0.17	2.55	7.7	<0.2	<10	80	0.21	0.19	0.33	0.26	10.75	15.6	37
G000981		0.38	0.003	0.17	2.99	6.9	<0.2	<10	90	0.26	0.17	0.35	0.27	10.35	15.2	38
G000982		0.48	0.004	0.12	4.1	6.2	<0.2	<10	210	0.34	0.12	0.7	0.18	12.1	16.2	39
G000983		0.38	0.004	0.05	2.9	3.7	<0.2	<10	210	0.3	0.08	1.15	0.18	14.4	15.6	36
G000984		0.50	0.004	0.07	2.89	4.4	<0.2	<10	160	0.22	0.13	0.92	0.23	9.8	14	37
G000985		0.40	0.009	0.28	3.85	6.5	<0.2	<10	280	0.55	0.09	2.3	0.39	17.45	16.8	40
G000986		0.42	0.002	0.09	3.77	8	<0.2	<10	180	0.28	0.11	0.48	0.27	8.23	21.8	35
G000987		0.38	0.004	0.14	3.38	5.8	<0.2	<10	140	0.7	0.12	0.49	0.23	23.2	18.6	34
G000988		0.34	0.025	0.67	3.06	6.4	<0.2	<10	340	0.56	0.13	1.77	1.44	17.5	13.5	27
G000989		0.32	0.010	0.42	1.33	6.9	<0.2	<10	120	0.16	0.24	0.48	0.42	7.1	7.6	20
G000990		0.38	0.010	0.24	1.43	8.7	<0.2	<10	70	0.15	0.36	0.37	0.54	5.77	5.9	17
G000991		0.46	0.009	0.3	3.51	6.8	<0.2	<10	110	0.32	0.6	0.28	0.44	7.24	10.8	26
G000992		0.40	0.005	0.18	2.03	5	<0.2	<10	100	0.34	0.18	0.44	0.28	14.15	11.7	23
G000993		0.32	0.006	0.24	3.07	5.2	<0.2	<10	120	0.55	0.19	0.65	0.33	16.9	20.7	38
G000994		0.32	0.004	0.17	1.8	5.5	<0.2	<10	100	0.27	0.23	0.51	0.36	9.19	10.2	23
G000995		0.24	0.014	1.07	3.37	6.8	<0.2	<10	210	1.3	0.27	1.31	0.87	31	13.8	27
G000996		0.22	0.016	0.76	3.09	7.4	<0.2	<10	200	1.06	0.35	0.91	0.89	27.2	17.9	26
G000997		0.44	0.002	0.24	2.46	8.4	<0.2	<10	100	0.22	0.39	0.24	0.59	7.99	8.6	22



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G000898		1.27	23.3	3.41	7.19	0.07	0.03	0.04	0.043	0.06	13.2	12.1	0.41	270	0.65	0.01
G000899		1.3	10.8	2.2	5	0.05	0.06	0.02	0.023	0.04	8.5	10.3	0.37	268	0.38	<0.01
G000900		0.98	8.7	1.81	5.19	<0.05	0.04	0.03	0.02	0.04	6.7	10.1	0.28	235	0.28	<0.01
G000961		1.47	13	3.15	6.12	0.05	0.02	0.01	0.024	0.04	5.1	11.9	0.34	204	1.23	<0.01
G000962		1.42	11.2	2.28	6.2	<0.05	0.03	0.03	0.023	0.04	5.7	7.6	0.19	169	0.69	<0.01
G000963		2.03	48.8	3.9	5.61	0.09	0.05	0.04	0.041	0.08	13.6	13.8	0.68	592	2.1	0.01
G000964		1.29	12.8	2.63	5.73	<0.05	<0.02	0.01	0.029	0.04	6.4	9.1	0.31	235	0.81	<0.01
G000965		3.38	54.2	4.06	6.81	0.07	0.06	0.03	0.035	0.06	7.9	9.3	0.44	306	1.82	<0.01
G000966		1.34	14.4	3.81	8.2	0.06	0.04	0.03	0.032	0.04	5.8	13.4	0.35	203	1.49	<0.01
G000967		1.4	9.3	2.99	6.8	0.05	<0.02	0.02	0.027	0.05	5.6	10.7	0.33	198	0.76	<0.01
G000968		1.62	13.3	2.59	5.8	0.05	0.03	0.02	0.022	0.06	6.3	8.4	0.35	469	0.6	<0.01
G000969		1.33	25.1	3.19	6.7	0.05	0.07	0.01	0.028	0.04	6.1	8.4	0.48	560	0.69	<0.01
G000970		<0.05	0.7	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	<0.05	<0.01
G000971		1.28	10.8	3	7.24	0.05	0.03	0.03	0.02	0.05	5	8.6	0.35	362	1.26	<0.01
G000972		1.7	17.4	3.12	6.11	0.06	0.06	0.02	0.029	0.04	6	11.2	0.46	263	1.38	<0.01
G000973		1.27	17.9	2.95	6.37	0.05	0.03	0.04	0.029	0.04	4.9	8.2	0.31	381	1.03	<0.01
G000974		2.05	29	5.58	11.45	0.09	0.21	0.05	0.06	0.05	4.4	16.9	0.85	583	1.56	<0.01
G000975		2.08	28.7	5.44	11.9	0.09	0.09	0.04	0.054	0.04	3.8	13.6	0.72	473	1.79	<0.01
G000976		0.85	28.5	5.02	10.8	0.07	0.03	0.06	0.04	0.04	3.5	10.7	0.42	367	12.6	<0.01
G000977		1	24.4	4.34	10.4	0.06	<0.02	0.03	0.028	0.03	3.4	7.5	0.38	397	2.5	<0.01
G000978		0.79	8.4	4.1	11.4	0.08	0.02	0.04	0.03	0.03	3.3	5.2	0.15	196	1.11	<0.01
G000979		0.36	6.5	2.56	4.96	<0.05	<0.02	0.02	0.028	0.03	4.3	2.2	0.12	138	0.61	<0.01
G000980		1.67	25.1	5.97	13.7	0.11	0.14	0.04	0.056	0.04	4.8	16.9	0.78	445	0.96	<0.01
G000981		1.76	22.8	6.27	12.75	0.09	0.17	0.04	0.056	0.05	4.6	16.7	0.89	496	0.88	<0.01
G000982		1.52	37.5	5.72	11.45	0.09	0.08	0.06	0.058	0.06	5.2	15.4	0.87	502	0.63	0.01
G000983		1.99	29	5.11	8.02	0.09	0.05	0.03	0.039	0.06	6.1	15.1	1.05	638	0.23	0.02
G000984		1.29	25.4	6.1	10.25	0.09	0.07	0.03	0.044	0.06	4.8	15.7	0.98	550	0.51	0.02
G000985		1.39	68.5	4.66	9.06	0.11	0.14	0.08	0.053	0.08	12.1	32.5	1.1	1360	0.37	0.02
G000986		1.97	26.8	5.7	11.4	0.06	0.04	0.08	0.063	0.05	3.6	19.8	0.83	1070	0.59	0.01
G000987		2.18	36.2	4.88	11.45	0.09	0.04	0.04	0.057	0.06	14.1	16.5	0.91	1065	0.45	0.01
G000988		2.75	63.8	3.49	7.66	0.07	0.07	0.15	0.046	0.05	11.7	17.4	0.78	3010	1.99	0.02
G000989		4	156.5	4.09	8.45	<0.05	0.03	0.07	0.048	0.04	3.6	9.4	0.41	530	3.14	0.01
G000990		0.92	30.2	3.81	12.5	<0.05	0.02	0.06	0.043	0.06	2.9	6.9	0.34	326	4.06	0.01
G000991		1.7	60.2	5.32	12.45	0.05	0.05	0.04	0.082	0.05	3.6	20.5	0.61	750	1.96	0.01
G000992		1.2	32.4	3.95	8.05	0.06	0.02	0.03	0.047	0.05	6	17.1	0.67	592	3.89	0.01
G000993		1.94	56.7	4.54	9.64	0.06	0.04	0.04	0.057	0.05	9.1	18.6	0.98	1585	1.46	0.01
G000994		1.22	40.2	3.64	6.94	<0.05	0.05	0.03	0.042	0.05	5.5	13.4	0.65	428	1.05	0.01
G000995		1.83	187.5	3.19	8.86	0.1	0.09	0.1	0.082	0.05	27.6	15.5	0.78	1065	1.67	0.01
G000996		1.88	170.5	3.48	9.66	0.1	0.05	0.09	0.096	0.06	22.4	20.4	0.76	1185	2.26	0.01
G000997		1.39	40.9	4.57	11.3	<0.05	0.02	0.05	0.069	0.04	4	15.6	0.53	398	2.14	0.01



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		Nb	Ni	P	Pb	Rb	Re	S	Se	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000898		0.54	23.9	890	8.7	8.8	<0.001	0.01	0.12	5	0.3	0.7	68.2	<0.01	0.03	1.3
G000899		0.66	16.3	540	5.4	9	<0.001	0.01	0.1	3.6	0.2	0.5	30.6	<0.01	0.02	1.2
G000900		0.81	12.9	700	4.8	7.6	<0.001	<0.01	0.08	3.4	0.2	0.5	22.3	<0.01	0.01	1
G000961		0.74	14.1	330	7.9	9.6	<0.001	0.01	0.35	3.1	<0.2	0.4	16.7	<0.01	0.03	0.8
G000962		0.9	6.6	540	8.7	6.4	<0.001	0.01	0.19	2.6	0.2	0.6	9.1	<0.01	0.03	0.9
G000963		0.68	26.7	600	11.3	10.3	<0.001	0.04	0.44	6.3	0.6	0.4	34	<0.01	0.08	1.9
G000964		0.87	13	390	8.4	10.1	<0.001	0.01	0.23	3.1	0.2	0.5	17.4	<0.01	0.03	0.7
G000965		0.89	20.7	500	9.6	16.7	<0.001	0.01	0.46	4.6	0.3	0.5	12.6	<0.01	0.05	1.6
G000966		2.16	17.9	830	9.8	8.2	<0.001	0.01	0.28	3.4	0.2	0.7	14.8	<0.01	0.04	0.9
G000967		1.33	13.8	480	8.1	9.4	<0.001	0.01	0.25	2.7	<0.2	0.6	16.1	<0.01	0.03	0.5
G000968		0.75	16.5	620	9.2	14.8	<0.001	0.01	0.19	3	<0.2	0.5	30.9	<0.01	0.02	0.8
G000969		0.84	20.3	710	7.6	10.8	<0.001	<0.01	0.25	4.3	<0.2	0.5	20.1	<0.01	0.03	1.1
G000970		<0.05	0.3	10	0.5	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
G000971		1.06	14.9	430	8.7	7.6	<0.001	0.01	0.16	3	0.2	0.6	19.2	<0.01	0.02	0.7
G000972		1.1	22.4	280	9.2	8.7	<0.001	0.01	0.24	4.1	0.2	0.5	64	<0.01	0.03	0.9
G000973		0.76	16.4	800	10.1	7.6	<0.001	0.01	0.28	3.2	0.2	0.5	18.3	<0.01	0.03	0.8
G000974		1.34	26.9	1020	7.3	7.6	<0.001	0.01	0.23	10.3	0.3	0.7	32.8	0.02	0.03	1.3
G000975		2.05	23.1	570	7.3	7.2	<0.001	0.02	0.24	8	0.4	0.8	20.7	0.02	0.03	0.8
G000976		1.27	10.4	290	8.9	5.7	<0.001	0.02	0.2	4.8	0.2	1.1	19.8	<0.01	0.02	0.6
G000977		1.01	6	430	8.4	4.8	<0.001	0.01	0.15	3.9	0.2	1	12.4	<0.01	0.02	0.7
G000978		1.26	3.7	860	5.2	4.3	<0.001	0.02	0.14	3.8	0.2	0.9	11.2	0.01	0.01	1.7
G000979		0.28	2.6	210	4.9	3.7	<0.001	0.01	0.11	4.5	0.2	0.5	20.7	<0.01	0.01	0.4
G000980		1.73	23.7	300	11.7	8.2	<0.001	0.01	0.43	8.5	0.3	1	29.2	<0.01	0.03	0.9
G000981		1.68	21.7	320	7.5	8.2	<0.001	0.01	0.22	8.4	0.3	0.9	27	<0.01	0.03	0.9
G000982		1.32	21.7	450	5.9	5.2	<0.001	0.02	0.16	11.7	0.4	0.8	78.8	0.01	0.03	0.7
G000983		0.64	21.1	200	5.7	6.3	<0.001	0.01	0.13	11.8	0.3	0.6	76.7	0.01	0.02	0.6
G000984		0.92	18.6	420	5.8	5	<0.001	0.02	0.19	8.1	0.2	0.7	62.4	0.01	0.02	0.4
G000985		0.96	25	700	4.8	6.6	<0.001	0.05	0.21	26.4	1.1	0.5	112.5	0.01	0.03	0.5
G000986		1.24	26	1820	6.8	7.8	<0.001	0.02	0.24	8.4	0.5	0.6	31	0.01	0.02	0.5
G000987		1.27	22.7	500	6.7	7.4	0.001	0.02	0.19	9.4	0.8	0.6	32.1	0.01	0.02	0.3
G000988		0.84	16.9	1170	5.4	7	0.001	0.09	0.29	9.5	1.2	0.5	78.3	0.01	0.03	0.2
G000989		1.36	9	390	9.4	8.1	<0.001	0.02	0.32	4.9	0.3	0.9	27.7	<0.01	0.02	0.6
G000990		1.48	6.2	470	12.4	4.2	<0.001	0.02	0.38	4.4	0.3	1.9	23.5	<0.01	0.03	1
G000991		2.52	14.3	1620	11.5	10.7	<0.001	0.01	0.23	7	0.3	1.4	20.9	0.01	0.03	1.7
G000992		1.03	14.2	340	8	5.8	<0.001	0.01	0.24	6.1	0.4	0.7	28.8	0.01	0.02	0.4
G000993		1.14	22.1	320	8.3	12.8	<0.001	0.01	0.19	11	0.5	0.6	44.9	0.01	0.02	0.5
G000994		0.88	12.8	180	7.4	8.2	<0.001	0.01	0.25	7.1	0.4	0.6	44.1	0.01	0.02	0.8
G000995		0.89	20.9	820	8.5	6.3	0.001	0.07	0.26	13.2	1.5	0.7	75.7	0.01	0.03	0.5
G000996		0.78	19.6	660	13.6	8.4	<0.001	0.04	0.29	11.4	1.1	0.9	67.5	0.01	0.03	0.6
G000997		1.46	11.5	590	11.7	5.8	<0.001	0.01	0.23	5.4	0.4	1.5	22.2	<0.01	0.03	0.7



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Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T %	TI ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000898		0.029	0.1	0.83	64	<0.05	6.57	87	0.8
G000899		0.034	0.07	0.46	45	<0.05	3.92	52	1.7
G000900		0.032	0.06	0.36	40	0.05	3.26	49	1.4
G000961		0.045	0.05	0.29	79	0.15	2.11	49	0.7
G000962		0.037	0.07	0.3	61	0.16	1.94	57	0.8
G000963		0.039	0.07	3.05	82	0.26	14.3	69	1.2
G000964		0.039	0.05	0.32	61	0.15	3.09	58	0.5
G000965		0.047	0.08	0.45	75	0.15	3.69	71	2.1
G000966		0.045	0.05	0.32	83	0.23	2.09	58	1.5
G000967		0.049	0.03	0.29	73	0.16	2	63	<0.5
G000968		0.042	0.04	0.29	63	0.12	2.56	77	1.1
G000969		0.053	0.05	0.34	76	0.11	2.41	56	2.4
G000970		<0.005	<0.02	0.11	<1	<0.05	0.63	3	0.6
G000971		0.039	0.04	0.26	76	0.08	1.67	79	1
G000972		0.047	0.05	0.6	70	0.09	2.94	49	2.4
G000973		0.04	0.06	0.28	70	0.16	1.98	55	1
G000974		0.187	0.04	0.4	140	0.14	5.24	138	7.3
G000975		0.184	0.04	0.32	152	0.19	3.52	150	3.5
G000976		0.11	0.03	0.37	151	0.14	2.48	55	1
G000977		0.063	0.03	0.41	124	0.11	2.53	85	<0.5
G000978		0.122	0.03	0.43	113	0.17	2.97	47	0.7
G000979		0.036	0.05	0.21	40	0.11	3.99	27	<0.5
G000980		0.208	0.04	0.36	153	0.18	4.28	92	4.4
G000981		0.211	0.04	0.38	155	0.16	4.68	98	4.8
G000982		0.157	0.05	0.41	146	0.13	8.98	80	2.7
G000983		0.122	0.05	0.45	129	0.06	10.8	61	1.4
G000984		0.197	0.02	0.32	158	0.12	6.21	111	2
G000985		0.08	0.05	1.47	122	0.15	39.8	63	2.7
G000986		0.17	0.04	0.36	132	0.21	4.66	113	1.8
G000987		0.083	0.03	0.59	123	0.18	25.6	73	0.7
G000988		0.052	0.06	3.48	85	0.18	34	83	1.2
G000989		0.112	0.04	0.4	118	0.18	3.58	72	0.9
G000990		0.086	0.03	0.43	130	0.24	2.45	66	0.5
G000991		0.098	0.06	0.46	124	0.21	3.19	151	1.9
G000992		0.093	0.03	0.55	106	0.14	7.47	94	0.7
G000993		0.101	0.04	0.86	125	0.16	16.65	94	1
G000994		0.08	0.03	0.43	99	0.13	7.68	88	1.6
G000995		0.031	0.04	2.45	70	0.18	56	103	1
G000996		0.029	0.05	2.02	85	0.19	41.6	112	0.5
G000997		0.089	0.04	0.44	112	0.19	3.6	106	0.6



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Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
G000998		0.52	0.002	0.19	1.68	8.1	<0.2	<10	70	0.25	0.25	0.16	0.3	7.95	7.5	21
G000999		0.40	0.004	0.4	2.66	5.4	<0.2	<10	160	0.23	0.17	0.19	1.64	8.37	13.1	36
G001000		0.44	<0.001	0.24	3.45	8.7	<0.2	<10	130	0.22	0.12	0.3	0.49	7.3	16.9	35
G001001		0.36	<0.001	0.22	3.57	8.6	<0.2	<10	130	0.25	0.12	0.31	0.48	7.47	17.1	34
G001002		0.42	<0.001	0.18	4.35	9.6	<0.2	<10	160	0.51	0.11	0.27	0.45	9.02	20.1	35
G001003		0.36	0.002	0.18	3.36	5.4	<0.2	<10	270	0.32	0.14	0.25	1.63	8.6	16.4	35
G001004		0.22	0.002	0.13	2.54	5.2	<0.2	<10	530	0.34	0.16	0.41	0.28	9.49	14.9	31
G001005		0.26	0.003	0.13	2.31	9.4	<0.2	<10	100	0.41	0.12	0.53	0.1	13.55	16.7	32
G001006		0.32	0.008	0.1	3.96	15.4	<0.2	<10	90	0.16	0.09	0.68	0.34	6.24	21.7	36
G001007		0.50	<0.001	0.05	5.53	19.8	<0.2	<10	200	0.29	0.06	1.42	0.24	10.6	26.7	42
G001008		0.42	0.005	0.06	5.01	9.1	<0.2	<10	200	0.3	0.07	0.65	0.12	8.18	19.2	35
G001009		0.34	0.004	0.06	6.45	23.3	<0.2	<10	80	0.22	0.04	2.06	0.35	7.25	34.6	54
G001010		0.08	<0.001	<0.01	0.02	0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.09	0.1	1
G001011		0.46	0.003	0.2	6.16	14	<0.2	<10	240	0.3	0.09	0.51	0.21	10.05	29.8	53
G001012		0.44	0.002	0.06	5.65	16.7	<0.2	<10	90	0.29	0.07	1.15	0.17	7.22	27	36
G001013		0.42	0.003	0.09	6.58	13.9	<0.2	<10	60	0.42	0.07	1.45	0.2	6.85	30.5	60
G001014		0.42	0.002	0.2	7.35	9.1	<0.2	<10	40	0.27	0.06	2.69	0.16	5.59	36.2	57
G001015		0.28	0.004	0.08	2.83	5.9	<0.2	<10	190	0.24	0.08	0.49	0.15	8.3	14.5	28
G001016		0.44	0.004	0.09	1.87	4.7	<0.2	<10	220	0.19	0.13	0.34	0.6	8.82	12.1	26
G001017		0.36	0.002	0.47	3.24	9.7	<0.2	<10	370	0.93	0.13	0.85	0.78	23.1	19.8	40
G001018		0.22	0.009	0.38	2.89	5.2	<0.2	<10	350	0.59	0.11	1.17	0.68	16.8	14.8	30
G001019		0.36	0.002	0.12	2.63	3.9	<0.2	<10	210	0.28	0.15	0.88	0.41	11.2	15.3	30
G001020		0.46	0.002	0.1	2.02	5.6	<0.2	<10	130	0.23	0.24	0.4	0.44	9.28	14.7	28
G001021		0.34	0.002	0.12	1.74	4.8	<0.2	<10	130	0.25	0.23	0.41	0.54	9.65	12.3	23
G001151		0.36	0.002	0.27	1.76	12.4	<0.2	<10	70	0.31	0.2	0.16	0.23	12.2	7.6	25
G001152		0.32	<0.001	0.2	1.96	14.1	<0.2	<10	50	0.29	0.25	0.12	0.13	9.56	6.2	24
G001153		0.40	0.005	0.36	2.24	13	<0.2	<10	70	0.36	0.25	0.1	0.27	10.25	7.3	24
G001154		0.34	0.003	0.16	2.53	11.4	<0.2	<10	60	0.31	0.18	0.08	0.21	9.28	5.9	23
G001155		0.32	0.004	0.16	1.88	18	<0.2	<10	80	0.27	0.28	0.12	0.17	10.05	7.3	25
G001156		0.42	0.003	0.33	2.79	13.4	<0.2	<10	70	0.45	0.2	0.1	0.17	9.89	8.3	26
G001157		0.32	0.006	0.22	1.35	6.4	<0.2	<10	90	0.19	0.27	0.1	0.15	9.74	4.4	16
G001158		0.36	0.001	0.14	2.05	12.3	<0.2	<10	80	0.34	0.22	0.11	0.14	9.72	6.1	21
G001159		0.30	0.007	0.79	3.89	11.1	<0.2	<10	280	0.95	0.26	0.68	0.53	29.9	13.9	30
G001160		0.38	0.005	0.15	1.17	2.3	<0.2	<10	60	0.15	0.27	0.14	0.07	13.5	3.5	16
G001161		0.38	0.002	0.2	1.18	3.4	<0.2	<10	70	0.14	0.17	0.21	0.14	10.65	4.9	17
G001162		0.40	0.003	0.3	1.92	8.1	<0.2	<10	70	0.31	0.28	0.11	0.22	12.65	5.8	23
G001163		0.44	0.001	0.28	2.35	12.1	<0.2	<10	80	0.41	0.21	0.11	0.18	11.1	8.4	25
G001164		0.44	0.002	0.31	3.42	16.1	<0.2	<10	140	0.66	0.19	0.2	0.28	12.3	12.8	28
G001165		0.50	0.011	0.15	2.76	17.6	<0.2	<10	110	0.62	0.19	0.19	0.37	25	13.3	30
G001166		0.38	<0.001	0.28	1.52	11.3	<0.2	<10	50	0.16	0.27	0.09	0.13	10.45	4.8	21



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
G000998		1.14	24.1	4.11	8.77	0.05	0.03	0.02	0.055	0.03	3.7	8.7	0.31	332	1.85	0.01
G000999		6.96	23.1	6.34	12.75	0.07	0.07	0.04	0.049	0.03	4.4	17.1	0.7	470	0.86	0.01
G001000		3.24	30.4	6.46	14.15	0.06	0.04	0.07	0.058	0.06	3.6	22.8	0.9	611	0.62	0.01
G001001		3.55	30.4	6.3	13.8	0.07	0.05	0.08	0.057	0.06	3.7	22.2	0.87	607	0.66	0.01
G001002		4.34	40.7	5.93	11.35	0.07	0.07	0.07	0.081	0.05	4	24.3	0.9	607	0.43	0.01
G001003		2.7	26.7	6.24	13.7	0.07	0.1	0.07	0.056	0.06	4.3	22.2	0.82	505	0.71	0.01
G001004		6.51	22	5.48	9.63	0.06	0.05	0.02	0.047	0.07	4.3	21.1	0.68	719	0.38	0.01
G001005		1.81	27.1	5.16	8.28	0.06	0.13	0.02	0.05	0.08	4.6	30.8	0.58	379	0.42	0.01
G001006		1.02	37.3	7.62	17.3	0.08	0.09	0.06	0.052	0.05	3.1	13.4	1.22	608	0.41	0.02
G001007		1.28	44.6	6.77	13.8	0.08	0.1	0.04	0.056	0.08	3.2	15.2	1.49	657	0.39	0.02
G001008		1.47	80.7	6.01	11	0.07	0.1	0.05	0.065	0.06	3.6	18	0.91	523	0.49	0.02
G001009		0.89	52.8	7.42	15.9	0.11	0.14	0.06	0.065	0.07	2.6	13	1.8	737	0.36	0.03
G001010		<0.05	0.7	0.02	0.08	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	0.01	<5	<0.05	<0.01
G001011		2.28	79.6	7.16	16.3	0.08	0.19	0.04	0.076	0.06	3.3	29.7	1.34	556	0.55	0.01
G001012		2.22	56.2	6.61	14.75	0.07	0.07	0.04	0.052	0.07	3.1	13.6	1.39	645	0.46	0.01
G001013		1.69	47.1	7.02	16.15	0.11	0.27	0.06	0.06	0.03	2.7	16.3	1.62	651	0.51	0.02
G001014		1.49	111	7.64	17.6	0.18	0.11	0.07	0.059	0.04	2.5	23.8	2.3	915	0.7	0.03
G001015		1.72	32.3	4.85	8.81	0.05	0.05	0.03	0.041	0.06	3.6	17.8	0.79	518	0.46	0.01
G001016		2.13	17.4	5.65	9.07	0.06	0.05	0.02	0.037	0.06	4.5	16.2	0.5	573	0.65	0.01
G001017		3.44	97.8	5.27	10.05	0.13	0.08	0.06	0.06	0.07	24.1	23.7	0.92	1315	0.48	0.01
G001018		1.74	45.1	4.34	8.22	0.06	0.06	0.06	0.05	0.04	8.6	44.2	0.81	546	0.49	0.01
G001019		1.82	30.3	4.21	8.45	0.06	0.04	0.04	0.049	0.06	5	18.3	0.89	846	0.53	0.02
G001020		1.93	27.6	4.78	8.69	0.05	0.03	0.02	0.048	0.06	4.5	16.5	0.73	679	0.69	0.01
G001021		1.34	25.2	4.33	7.97	0.05	0.03	0.02	0.045	0.06	4.5	13.3	0.62	542	0.61	0.01
G001151		1.63	20.7	3.92	7.25	<0.05	0.03	0.05	0.038	0.04	4.9	14.9	0.45	304	0.94	0.01
G001152		1.92	16.9	4.49	9.1	0.05	0.04	0.06	0.053	0.04	5.1	16.4	0.36	288	1.66	0.01
G001153		2.28	19.8	4.4	9.41	<0.05	0.03	0.06	0.052	0.04	5.4	20.4	0.37	293	1.6	0.01
G001154		1.51	15.7	4.12	8.29	0.05	0.12	0.06	0.05	0.03	5.1	12.3	0.36	217	1.19	0.01
G001155		1.96	16.4	4.7	9.18	0.05	0.04	0.03	0.06	0.04	5.1	13.5	0.39	338	1.45	0.01
G001156		2.37	19	3.98	7.76	0.05	0.1	0.06	0.046	0.03	5.3	16.7	0.44	297	1.05	0.01
G001157		1.06	10.5	2.71	7.52	<0.05	0.03	0.04	0.027	0.03	5.4	7.2	0.21	227	0.68	0.01
G001158		1.75	13.2	3.85	7.94	0.05	0.05	0.04	0.044	0.03	5.3	17.2	0.39	244	1.2	0.01
G001159		3.64	61	3.9	8.89	0.1	0.09	0.07	0.068	0.09	25.1	23.2	0.79	1175	1.05	0.01
G001160		1.12	8.5	1.7	6.15	<0.05	0.03	0.02	0.019	0.02	7.4	8.2	0.25	164	0.41	0.01
G001161		1.45	12.5	2.04	5.96	<0.05	0.02	0.01	0.023	0.03	6	10	0.36	196	0.45	0.01
G001162		1.44	12.3	3.77	8.76	0.05	0.02	0.04	0.042	0.03	6.7	13.2	0.33	268	0.95	0.01
G001163		2.48	17	3.75	7.92	0.05	0.05	0.06	0.045	0.04	5.7	16	0.42	272	1.17	0.01
G001164		2.75	38.4	4.29	7.75	0.06	0.05	0.04	0.062	0.05	6.3	16.3	0.46	923	0.92	0.01
G001165		2.5	51.5	3.99	6.15	0.07	0.11	0.04	0.049	0.05	9	12.5	0.65	762	1.13	0.01
G001166		1.02	11.9	3.6	8.95	0.05	0.04	0.04	0.029	0.05	5.6	7.4	0.28	195	1.42	0.01





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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G000998		0.98	8	330	10.1	5.2	<0.001	0.01	0.39	5.1	0.3	1	21.8	<0.01	0.02	0.9
G000999		2.28	20	210	9.4	6.4	<0.001	<0.01	0.31	7.9	0.3	0.9	21	<0.01	0.02	0.9
G001000		1.26	22.1	1210	6.7	6.2	<0.001	0.01	0.22	9.7	0.4	0.7	39.5	<0.01	0.03	0.5
G001001		1.27	21.8	910	6.4	6.4	<0.001	0.01	0.23	10	0.4	0.7	40.6	<0.01	0.02	0.6
G001002		1	28.6	820	9.6	8.9	0.001	0.01	0.38	11.7	0.3	0.8	36.7	0.01	0.02	1.2
G001003		2.96	22.9	980	8.5	11	<0.001	0.01	0.24	9.3	0.3	1.1	40.3	<0.01	0.02	0.9
G001004		1.06	19	430	11.6	23.7	<0.001	0.01	0.68	7.5	0.2	0.7	53.5	0.01	0.02	0.8
G001005		0.39	23.6	210	8	9.6	<0.001	<0.01	0.15	11.1	0.2	0.7	33.9	0.01	0.02	1.3
G001006		1.93	20.7	1640	5.4	2.7	<0.001	0.03	0.18	11.6	0.5	0.8	46.1	0.02	0.02	0.5
G001007		1.21	23.9	1490	4.3	4.2	<0.001	0.01	0.2	16.8	0.4	0.5	63.5	0.01	0.02	0.7
G001008		0.77	27.2	820	4.4	4	<0.001	0.02	0.17	12.5	0.4	0.5	70.6	0.01	0.03	0.7
G001009		0.65	27.7	730	3.5	2.7	<0.001	0.02	0.2	19.2	0.5	0.4	68.4	<0.01	0.02	0.5
G001010		<0.05	0.3	10	0.5	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.8	<0.01	<0.01	0.2
G001011		0.98	36.6	500	5.5	7	<0.001	<0.01	0.15	17	0.3	0.7	36.2	0.01	0.02	0.9
G001012		0.96	25.9	560	4.2	7.8	<0.001	0.02	0.14	17	0.4	0.5	54.1	0.01	0.02	0.6
G001013		1.7	27.4	1460	3.7	3.3	0.001	0.01	0.1	20.5	0.5	0.6	32.9	0.01	0.02	0.9
G001014		0.92	31.2	1710	3	2.8	<0.001	0.02	0.07	29.1	0.7	0.4	59.5	0.01	0.02	0.5
G001015		1.28	17.3	430	6.1	5.5	0.001	0.01	0.21	8.1	0.3	0.6	123	0.01	0.01	0.5
G001016		0.83	14.8	270	17.5	11.1	<0.001	<0.01	0.97	6.7	0.2	0.7	55.8	<0.01	0.02	0.8
G001017		0.58	27.3	490	9.5	9.9	<0.001	0.01	0.51	22.9	1.5	0.6	68.9	0.02	0.03	0.3
G001018		0.9	18.1	480	8.4	5.4	0.001	0.04	0.22	13.2	0.6	0.6	90.2	0.01	0.02	0.5
G001019		0.88	19.4	380	7.7	8.3	<0.001	0.02	0.24	9.2	0.4	0.6	78.4	0.01	0.02	0.6
G001020		0.98	16.2	330	9.6	8.5	<0.001	<0.01	0.27	7.1	0.3	0.8	44.9	0.01	0.02	0.9
G001021		1.12	13.9	320	9.7	7	<0.001	<0.01	0.27	6.7	0.3	0.9	45.4	0.01	0.02	0.9
G001151		1.75	15.2	1880	13.2	8.8	<0.001	0.01	0.49	4.2	0.3	0.5	12.5	0.01	0.06	1
G001152		2.54	12.8	2100	13.9	8.9	<0.001	0.01	0.49	4.2	0.4	0.7	11.9	0.01	0.07	1.3
G001153		2.22	13	1280	13.5	10.4	<0.001	0.01	0.48	4.5	0.4	0.7	11.8	0.01	0.07	1.1
G001154		2.19	12.3	970	10.8	5.7	<0.001	0.01	0.43	4.7	0.3	0.6	9.2	0.02	0.06	1.5
G001155		1.82	14.1	1690	15.1	7.8	<0.001	0.01	0.53	4.5	0.3	0.6	11.2	<0.01	0.07	1.1
G001156		1.73	16.7	1650	12.6	8.8	<0.001	0.01	0.46	4.9	0.4	0.5	9.7	0.01	0.06	1.4
G001157		2.05	6.9	1090	14.2	6.5	<0.001	0.01	0.32	3.1	0.3	0.7	12	<0.01	0.04	1.3
G001158		1.38	12.7	1400	12.2	7.9	<0.001	<0.01	0.39	4	0.2	0.5	10.5	<0.01	0.06	1.2
G001159		1.12	29.3	1130	14.2	16.1	<0.001	0.02	0.37	14	1.1	0.5	59	0.01	0.07	1.4
G001160		1.49	8.3	300	12.9	5	<0.001	<0.01	0.18	3.3	0.2	0.6	13.3	<0.01	0.02	1
G001161		1.05	11	330	8.2	6.7	<0.001	<0.01	0.26	3.5	<0.2	0.5	18.4	<0.01	0.02	0.7
G001162		1.9	13.1	980	14.5	6.6	<0.001	0.01	0.3	4.2	0.3	0.7	12.7	<0.01	0.05	1.1
G001163		2.73	18.5	1080	13.3	9.3	<0.001	0.01	0.48	4.4	0.3	0.7	12.7	0.01	0.05	1.1
G001164		1.05	19.9	2220	13.9	12.6	<0.001	<0.01	0.47	6.2	0.3	0.5	23	0.01	0.07	1.4
G001165		1.16	25.6	1010	14.3	10.2	<0.001	<0.01	0.72	7.6	0.6	0.4	17.8	0.02	0.07	2
G001166		1.56	12	590	12.9	5.7	<0.001	0.01	0.47	3.5	0.2	0.6	13	<0.01	0.07	1



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		T	TI	U	V	W	Y	Zn	Zr
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G000998		0.093	0.04	0.46	112	0.15	3.2	75	0.8
G000999		0.209	0.03	0.32	171	0.17	3.77	122	2.9
G001000		0.17	0.03	0.31	164	0.14	2.87	112	1.9
G001001		0.168	0.04	0.32	158	0.13	3.02	112	2
G001002		0.09	0.06	0.34	140	0.13	3.72	156	2.9
G001003		0.169	0.04	0.34	154	0.17	3.6	173	4.5
G001004		0.144	0.05	0.35	144	0.13	2.88	97	1.7
G001005		0.035	0.1	0.29	103	<0.05	4.34	80	3.7
G001006		0.254	0.03	0.28	206	0.2	3.39	70	3.7
G001007		0.236	0.04	0.29	194	0.19	4.87	80	4.4
G001008		0.087	0.05	0.32	157	0.11	4.07	59	3.8
G001009		0.323	0.02	0.24	168	0.21	6.6	75	4.9
G001010		<0.005	<0.02	0.09	<1	<0.05	0.63	3	0.6
G001011		0.167	0.04	0.37	231	0.15	4.5	101	7.1
G001012		0.193	0.04	0.3	206	0.11	5.24	87	3.2
G001013		0.305	0.02	0.27	223	0.24	6.51	100	10.4
G001014		0.399	0.02	0.24	201	0.26	7.39	102	4.5
G001015		0.173	0.04	0.31	147	0.17	4.15	68	2.2
G001016		0.135	0.04	0.3	144	0.1	2.87	134	1.9
G001017		0.067	0.04	1.48	136	0.18	64.4	113	0.5
G001018		0.04	0.04	2.48	93	0.1	14.75	91	1.4
G001019		0.11	0.03	0.48	107	0.12	7.57	106	1.2
G001020		0.118	0.03	0.36	124	0.1	4.59	127	1.2
G001021		0.107	0.03	0.34	114	0.1	4.35	108	1.1
G001151		0.061	0.07	0.34	85	0.2	2.92	99	1.2
G001152		0.07	0.08	0.35	92	0.26	2.3	73	1.7
G001153		0.057	0.09	0.32	93	0.25	2.51	100	1.2
G001154		0.056	0.07	0.36	86	0.19	2.43	75	4.1
G001155		0.065	0.1	0.32	100	0.24	2.41	92	1.6
G001156		0.057	0.09	0.36	82	0.21	3.14	95	3.1
G001157		0.057	0.08	0.28	64	0.17	2	51	1.3
G001158		0.054	0.06	0.32	75	0.28	2.68	78	1.7
G001159		0.029	0.13	1.94	75	0.19	34.6	120	1.6
G001160		0.074	0.06	0.3	44	0.11	2.59	43	1.2
G001161		0.068	0.05	0.26	53	0.12	2.73	56	0.7
G001162		0.061	0.06	0.36	82	0.21	3.12	70	1
G001163		0.072	0.09	0.37	76	0.24	2.89	89	2.1
G001164		0.059	0.09	0.43	93	0.21	4.19	108	1.9
G001165		0.079	0.13	0.55	83	0.21	9.34	96	4.2
G001166		0.076	0.06	0.29	92	0.2	1.7	54	1.3



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Recvd Wt kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	B ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
G001167		0.44	0.004	0.22	2.07	8.7	<0.2	<10	80	0.26	0.28	0.07	0.09	13.45	5.1	20
G001168		0.42	0.003	0.46	2.85	10.6	<0.2	<10	250	0.97	0.23	0.81	0.86	20	10.1	21
G001169		0.32	0.003	0.27	2.14	7.7	<0.2	<10	170	0.55	0.27	0.4	0.39	16.6	9.1	20
G001170		0.20	0.006	0.31	1.31	6.2	<0.2	<10	60	0.14	0.25	0.09	0.17	9.98	3.8	18
G001171		0.48	0.003	0.33	2.7	14.6	<0.2	<10	140	0.45	0.31	0.15	0.28	12.6	7.9	30
G001172		0.40	0.003	0.32	2.6	11.8	<0.2	<10	130	0.45	0.37	0.12	0.2	14.25	9.1	26
G001173		0.36	0.002	0.36	2.36	6.9	<0.2	<10	110	0.31	0.28	0.15	0.15	13.1	7.1	26
G001174		0.56	0.003	0.24	1.64	2.5	<0.2	<10	100	0.25	0.21	0.33	0.2	15.25	7.3	22
G001175		0.40	0.003	0.12	1.4	4.4	<0.2	<10	120	0.19	0.24	0.18	0.17	12.05	5.2	19
G000835		0.56	0.004	0.17	1.51	5.6	<0.2	<10	230	0.43	0.31	0.6	0.45	19.85	11.1	34
G000836		0.38	0.009	0.2	1.7	6.5	<0.2	<10	310	0.56	0.31	0.76	0.57	22.3	12	27
G000837		0.40	0.003	0.36	1.76	6	<0.2	<10	310	0.56	0.44	0.8	0.77	21.9	10.5	24
G000838		0.16	0.007	0.25	2.7	5.7	<0.2	<10	370	0.73	0.21	1	0.35	27.7	11	28
G000839		0.42	0.012	0.68	3.62	6.1	<0.2	<10	300	1.07	1.96	1.34	0.51	35.6	13.7	33
G000840		0.30	0.006	0.46	2.37	6.1	<0.2	<10	280	0.66	0.22	1.66	0.94	27.6	9.5	21
G000951		0.38	0.008	0.23	1.55	7.2	<0.2	<10	260	0.46	0.13	0.9	0.42	17.8	11.5	34
G000952		0.56	0.001	0.26	1.58	7.5	<0.2	<10	260	0.45	0.14	0.85	0.43	17.8	11.8	34
G000953		0.58	0.023	0.36	1.71	162.5	<0.2	<10	170	0.54	1.07	0.48	0.59	24.7	22.2	43
G000954		0.60	0.033	0.45	1.61	251	<0.2	<10	200	0.51	3.26	0.53	0.71	25.1	21.5	40
G000955		0.32	0.007	0.43	0.37	23	<0.2	10	200	0.33	0.07	2.01	2.78	4.81	8.7	12
G000956		0.46	0.004	0.13	0.36	54.4	<0.2	<10	80	0.42	0.12	0.61	1.36	3.08	12	13
G000957		0.40	0.004	0.27	1.51	13.2	<0.2	<10	400	0.63	0.13	0.94	0.89	20.2	13.8	26
G000958		0.30	0.013	0.24	1.28	6.9	<0.2	<10	340	0.46	0.11	0.94	0.65	17.7	10.5	25
G000959		0.38	0.009	0.48	2.33	7.7	<0.2	<10	500	0.69	0.22	1.59	0.48	22.1	10.6	27
G000960		0.48	0.003	0.41	2.49	8	<0.2	<10	470	0.71	0.23	1.13	0.51	25.2	11.9	28
G001201		0.94	0.006	0.05	5.23	8.5	<0.2	<10	90	0.3	0.03	2.87	0.18	8.73	32	70
G001641		0.62	0.002	0.04	1.22	8.6	<0.2	<10	100	0.3	0.09	0.31	0.16	15.1	12.9	19
G001642		0.88	0.002	0.05	1.16	3.8	<0.2	<10	110	0.23	0.14	0.27	0.18	13.05	9	12
G001643		0.70	0.003	0.1	1.28	6.3	<0.2	<10	150	0.34	0.22	0.42	0.41	14.5	10.8	14
G001644		0.72	0.004	0.34	1.9	6.8	<0.2	<10	320	0.6	0.48	0.67	0.85	25.6	13.5	25
G001645		0.80	0.003	0.28	1.89	6.6	<0.2	<10	250	0.5	0.19	1.45	0.69	21.8	10.5	21
G001646		0.90	0.001	0.05	3.66	9.5	<0.2	<10	230	0.4	0.06	1.73	0.2	14.15	20.4	35
G001647		0.58	NSS	0.4	1.96	10.4	<0.2	10	340	0.51	0.04	2.55	0.7	9.34	9.5	30
G001648		1.12	0.003	0.1	2.57	9.6	<0.2	<10	300	0.42	0.04	1.21	0.34	16.15	13	22
G001649		0.82	<0.001	0.06	4.36	8.4	<0.2	<10	230	0.31	0.04	2.41	0.28	10.4	24	55
G001650		1.04	<0.001	0.06	3.02	6.7	<0.2	<10	180	0.35	0.05	1.62	0.26	13.65	19.3	33
G001672		0.54	0.009	0.55	2.1	9.1	<0.2	<10	220	0.55	0.13	1.31	0.93	20.8	9.1	19
G001673		1.48	0.003	0.65	1.79	10.5	<0.2	<10	110	0.48	0.14	0.59	0.34	19.4	11.2	21
G001674		0.94	0.004	0.59	2.44	21.6	<0.2	<10	300	0.67	0.15	1.43	0.61	23.6	12.2	27
G001675		1.30	0.002	0.69	2.36	8	<0.2	<10	550	0.78	0.17	1.55	0.59	21.5	10.9	31



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Finalized Date: 17-OCT-2007

Account: RIMFIR

Project: REM07-35

## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
G001167		1.7	13.6	3.14	8.14	<0.05	0.07	0.05	0.036	0.03	7.7	13.6	0.25	205	0.93	0.01
G001168		2.23	59.2	3.09	7.8	0.08	0.08	0.06	0.053	0.06	27.9	13.5	0.46	684	0.93	0.01
G001169		2.85	30.3	2.96	6.82	0.06	0.04	0.03	0.045	0.04	12.2	12.6	0.44	639	0.79	0.01
G001170		1.54	9.9	2.94	7.51	<0.05	<0.02	0.04	0.025	0.03	5.4	8.9	0.19	169	0.82	0.01
G001171		2.37	16.8	4.9	11.85	0.06	0.07	0.05	0.057	0.05	6.6	24.2	0.46	265	1.03	0.01
G001172		2.19	21	3.47	7.22	0.05	0.04	0.06	0.046	0.05	7.7	11.8	0.45	523	0.96	0.01
G001173		2.14	20.3	3.19	8.24	0.05	0.07	0.07	0.044	0.04	6.3	15.5	0.46	215	0.84	0.01
G001174		1.6	15.3	2.12	6.33	0.05	0.03	0.01	0.031	0.05	9.2	11.7	0.49	233	0.32	0.01
G001175		1.19	14.1	2.33	6.66	0.05	0.02	0.02	0.032	0.03	7.1	9.8	0.34	212	0.6	0.01
G000835		1.79	43.9	4.16	4.58	0.08	0.04	0.03	0.032	0.09	12.5	12.1	0.63	644	1.66	0.02
G000836		2.01	61.4	3.57	4.68	0.08	0.05	0.05	0.037	0.07	15.3	13.3	0.64	846	2.05	0.01
G000837		3.17	48	3.45	4.47	0.08	0.05	0.08	0.043	0.08	17.2	13.6	0.48	720	2.02	0.01
G000838		2.4	52	3.01	6.11	0.1	0.08	0.07	0.044	0.08	25.3	12.6	0.57	689	1.78	0.01
G000839		2.78	92.3	3.45	7.79	0.12	0.12	0.07	0.057	0.11	30.7	15.5	0.63	1030	2.29	0.02
G000840		2.4	58.7	2.47	4.61	0.1	0.07	0.12	0.034	0.11	27.7	15.4	0.44	632	2.01	0.02
G000951		1.05	31.4	3.02	4.35	0.06	0.03	0.06	0.032	0.07	11.4	12.8	0.63	915	1.3	0.02
G000952		1.21	31.5	3.3	4.49	0.06	0.04	0.06	0.034	0.06	11.3	14	0.62	840	1.35	0.02
G000953		1.7	74	4.72	5.22	0.09	0.05	0.03	0.048	0.07	12	12.8	0.92	938	1.57	0.02
G000954		1.82	86.6	4.96	4.99	0.09	0.06	0.03	0.051	0.08	11.9	12.5	0.9	954	1.92	0.02
G000955		3.72	52.3	1.68	0.82	0.06	0.03	0.19	0.021	0.06	3.3	2.3	0.26	1700	1.28	0.01
G000956		5.69	31.6	4.2	0.64	0.06	0.02	0.04	0.074	0.07	1.2	2	0.4	655	1.22	0.01
G000957		2.97	40.2	3.36	3.81	0.08	0.06	0.07	0.039	0.09	15.4	11.1	0.5	1425	1.26	0.02
G000958		2.79	31.9	2.89	3.6	0.07	0.04	0.06	0.031	0.12	13.7	11.3	0.48	1460	0.92	0.03
G000959		2.52	51.6	2.8	5.71	0.07	0.1	0.11	0.045	0.09	16.2	24.4	0.69	1045	2.7	0.02
G000960		2.23	48.9	3.32	6.19	0.08	0.1	0.07	0.04	0.08	17.2	23.7	0.71	1545	3.7	0.03
G001201		2	51.8	5.09	11.8	0.11	0.18	0.02	0.033	0.08	4	21.5	2.26	988	0.21	0.07
G001641		1.28	14.7	3.28	4.4	0.07	0.04	0.02	0.021	0.04	6.5	9.1	0.55	1160	1.2	0.02
G001642		1.68	13.5	2.15	3.84	0.05	0.02	0.03	0.02	0.03	6.8	8.3	0.44	824	0.85	0.02
G001643		1.75	20.7	2.54	4.23	0.05	0.02	0.06	0.025	0.05	7	8.8	0.47	704	1.79	0.02
G001644		3.21	49.8	3.81	5.45	0.08	0.05	0.1	0.053	0.08	15.1	16.1	0.59	915	2.16	0.02
G001645		1.86	47.8	2.69	4.51	0.1	0.06	0.08	0.028	0.07	20	12.6	0.53	751	1.83	0.03
G001646		2.26	34.3	4.55	9.05	0.1	0.16	0.02	0.036	0.11	5.8	28.4	1.42	1120	0.25	0.05
G001647		1.36	90.6	2.06	6.31	0.12	0.1	0.13	0.025	0.27	11.3	17.6	0.73	695	0.48	0.04
G001648		2.85	23.9	3.91	7.13	0.09	0.09	0.02	0.035	0.08	7.7	21.1	0.9	1045	0.27	0.06
G001649		3.43	44.2	4.59	9.47	0.09	0.13	0.02	0.031	0.09	4.9	25.6	1.65	924	0.22	0.07
G001650		2.03	33.6	4.53	7.6	0.12	0.12	0.02	0.031	0.06	5.9	20	1.22	969	0.28	0.04
G001672		3.74	40.2	2.59	4.89	0.08	0.05	0.13	0.034	0.17	15	19.9	0.55	851	0.93	0.02
G001673		2.47	30	2.79	5.45	0.07	0.06	0.08	0.033	0.05	12.7	12.6	0.55	531	0.88	0.02
G001674		2.4	48.9	3.15	6.25	0.1	0.09	0.12	0.036	0.05	19.8	19.1	0.69	1380	0.91	0.02
G001675		1.61	64.4	2.62	6.11	0.09	0.08	0.09	0.036	0.05	24.7	21.9	0.67	792	0.75	0.02



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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	So	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
G001167		1.3	9.5	940	13.6	8.7	<0.001	<0.01	0.37	3.4	0.2	0.6	9.5	<0.01	0.04	1.8
G001168		0.98	17.5	800	14.5	8.9	<0.001	0.02	0.43	7	1	0.5	60.8	0.01	0.05	0.7
G001169		1.18	13.4	500	14.9	10.3	<0.001	0.01	0.36	5.7	0.4	0.5	32.7	<0.01	0.04	1.1
G001170		1.16	6.1	700	11.8	9.6	<0.001	0.01	0.4	2.7	0.2	0.6	9.8	<0.01	0.05	0.3
G001171		2.77	15.4	1890	17.3	10.8	<0.001	0.01	0.58	5.6	0.3	0.9	15	<0.01	0.07	1.4
G001172		1.32	19.7	1460	18.9	10.6	<0.001	0.01	0.38	4.5	0.3	0.6	15.3	<0.01	0.08	1.7
G001173		1.43	19.4	870	14.1	7.9	<0.001	0.01	0.27	5	0.2	0.6	15.2	<0.01	0.05	1.5
G001174		1.4	19.4	300	10.8	8.1	<0.001	<0.01	0.18	4.8	0.2	0.6	26.3	<0.01	0.02	0.8
G001175		1.1	10.5	220	10.7	5.5	<0.001	<0.01	0.25	4.1	0.2	0.6	19.7	<0.01	0.04	0.9
G000835		0.7	24.7	790	10.5	8.2	0.001	0.11	0.45	5.4	0.5	0.4	49.3	0.01	0.08	1.3
G000836		0.66	26.3	820	11.7	9.3	0.001	0.12	0.51	5.8	0.8	0.3	67.9	0.01	0.07	1.1
G000837		0.68	17.3	830	30	10.9	0.001	0.13	0.81	5.3	0.9	0.3	50	0.01	0.12	1.2
G000838		0.85	27.3	870	10.2	14	0.001	0.05	0.69	8.6	1	0.4	93.9	0.01	0.04	1.1
G000839		1.18	35.1	980	13.3	17.5	0.003	0.06	0.83	13	1.2	0.5	96.5	0.01	0.06	1.5
G000840		0.8	17.9	1410	10.7	10.9	0.002	0.15	0.54	5.2	3.3	0.3	87.8	0.01	0.08	0.4
G000951		0.65	40.5	900	7.9	7.1	0.002	0.06	0.5	5.6	1	0.3	74.6	<0.01	0.04	0.5
G000952		0.6	38.4	790	8.9	7.2	0.002	0.05	0.49	5.9	1	0.3	65.3	<0.01	0.05	0.7
G000953		0.26	50.9	890	21.5	5.1	0.001	0.18	1.42	6.5	0.5	0.2	36.6	<0.01	1.13	1.6
G000954		0.28	49.5	910	48	5.3	0.001	0.21	1.88	6.7	0.7	0.3	41.5	<0.01	3.05	1.8
G000955		0.1	38.3	1170	21.1	6.7	0.024	0.32	1.03	3.1	9.6	<0.2	141.5	<0.01	0.05	<0.2
G000956		0.05	26.1	410	93	5.1	0.018	0.51	0.79	11.6	1.1	0.2	26.5	<0.01	0.12	0.8
G000957		0.49	34.8	1010	14	8.2	0.002	0.09	0.54	7.4	1	0.4	139	0.01	0.04	0.5
G000958		0.52	26.9	860	7.7	8.3	0.001	0.09	0.37	5.6	0.9	0.3	142	<0.01	0.03	0.4
G000959		1.03	32.5	920	8.9	11.6	0.003	0.1	0.41	8.2	1.1	0.4	280	0.01	0.05	0.8
G000960		0.91	31.6	700	9.4	11.8	0.004	0.06	0.32	8.8	0.9	0.4	240	0.01	0.05	1
G001201		0.2	54.5	470	3.9	2.9	<0.001	0.02	0.46	20	0.7	0.4	103.5	<0.01	0.01	0.6
G001641		0.37	14.1	640	9.4	4.3	<0.001	0.04	0.52	4.6	0.3	0.3	16.9	<0.01	0.04	1.4
G001642		0.33	8.7	510	6.4	4.3	<0.001	0.02	0.72	3.9	0.3	0.2	16.9	<0.01	0.03	0.9
G001643		0.35	9.4	710	9.4	5.6	<0.001	0.03	1.34	4	0.6	0.2	27.5	<0.01	0.04	0.6
G001644		0.64	22	760	34.8	10.7	0.001	0.1	0.98	6.6	0.8	0.4	43	0.01	0.11	1.9
G001645		0.7	19.1	1080	8.4	7.8	0.001	0.13	0.56	5.7	2.1	0.3	74.5	0.01	0.06	0.6
G001646		0.17	32.8	550	5.9	3.9	<0.001	0.02	0.36	13.4	0.6	0.5	75.5	<0.01	0.03	0.8
G001647		0.48	17.7	1440	3.5	4.2	0.001	0.17	1.43	15.9	7.8	0.2	107.5	0.01	0.04	<0.2
G001648		0.67	17.4	740	6.3	4.5	<0.001	0.02	0.29	12	1	0.5	49.3	0.01	0.02	0.6
G001649		0.23	42.6	440	5.8	3.6	0.001	0.02	0.45	13.9	0.8	0.4	97.6	<0.01	0.02	0.6
G001650		0.33	30.7	540	6.3	3.2	<0.001	0.01	0.7	13.4	0.7	0.5	63.9	0.01	0.02	0.7
G001672		0.66	19.3	1290	22.2	9.7	0.001	0.11	1.1	4.9	1.5	0.3	100.5	0.01	0.05	0.3
G001673		0.58	19.8	670	10.3	7.2	0.001	0.09	0.51	6.9	0.8	0.3	59.2	<0.01	0.04	0.7
G001674		1.23	32.4	1100	10.5	7.7	0.003	0.11	0.27	7.7	1.2	0.4	162.5	0.01	0.04	0.4
G001675		0.97	30.7	960	10.8	7.7	0.005	0.08	0.35	6.9	1.5	0.4	208	0.01	0.05	0.4



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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	T	TI	U	V	W	Y	Zn	Zr
	Units LOR	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
G001167		0.039	0.09	0.39	71	0.14	2.15	67	2.4
G001168		0.02	0.07	1.47	62	0.19	28.9	116	1.2
G001169		0.036	0.09	0.51	62	0.15	9.93	124	1.1
G001170		0.052	0.08	0.25	73	0.17	1.77	52	<0.5
G001171		0.073	0.09	0.38	99	0.24	3.1	154	2.6
G001172		0.051	0.14	0.45	67	0.16	2.81	94	1.6
G001173		0.055	0.07	0.41	68	0.18	3.04	79	2.5
G001174		0.065	0.06	0.38	53	0.12	5.7	65	1.1
G001175		0.061	0.06	0.34	69	0.14	3.54	59	0.7
G000835		0.052	0.05	4.52	111	0.31	15.9	67	0.9
G000836		0.034	0.06	7.9	76	0.49	20.2	72	1
G000837		0.034	0.06	4.81	71	0.73	22.2	98	0.8
G000838		0.028	0.09	6.14	63	0.21	30.2	65	1.6
G000839		0.029	0.09	8.56	63	0.24	38.3	67	2.4
G000840		0.031	0.1	15.45	56	0.3	37.1	65	1
G000951		0.038	0.08	1.13	68	0.18	12.05	74	0.8
G000952		0.031	0.08	1.18	74	0.17	11.7	74	1
G000953		0.037	0.06	0.62	73	0.11	10.45	114	1.6
G000954		0.034	0.07	0.77	80	0.13	10.35	120	1.6
G000955		<0.005	0.08	1.65	18	0.05	9.66	65	0.7
G000956		<0.005	0.07	0.35	32	<0.05	5.31	235	0.5
G000957		0.011	0.07	1.19	56	0.78	20.1	84	1
G000958		0.016	0.05	1.24	57	0.42	17.4	68	0.9
G000959		0.019	0.07	4.86	49	0.24	20.8	65	2.3
G000960		0.023	0.07	7.5	57	0.2	20.2	62	2.1
G001201		0.152	0.02	0.38	157	0.21	13.45	66	7.5
G001641		0.054	0.08	0.45	61	0.2	6.18	72	1.6
G001642		0.037	0.06	0.39	40	0.14	7.11	59	0.5
G001643		0.041	0.07	0.57	52	0.2	7.93	62	<0.5
G001644		0.033	0.07	3.74	73	0.28	18.65	117	1.2
G001645		0.039	0.08	11.35	60	0.27	25.6	64	1.1
G001646		0.128	0.03	0.45	88	0.27	16.6	75	5.3
G001647		0.048	0.03	2.89	65	0.35	63.3	49	2
G001648		0.129	0.03	0.72	89	0.2	20.5	84	2.3
G001649		0.118	0.02	0.32	133	0.27	12.65	71	4.2
G001650		0.139	0.02	0.43	113	0.45	15.35	71	3.6
G001672		0.026	0.09	1.17	49	0.2	21.6	109	0.8
G001673		0.032	0.13	0.72	61	0.16	15.9	79	1.3
G001674		0.031	0.08	3.67	77	0.25	23.9	63	2
G001675		0.03	0.07	2.76	62	0.14	24.4	73	1.8



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 B ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
G001676		0.90	0.002	0.51	1.72	9.8	<0.2	<10	160	0.4	0.14	1.83	2.55	14.55	10.8	21
G001677		0.74	<0.001	0.09	2.36	3.9	<0.2	<10	380	0.9	0.11	0.83	0.15	39.5	11.2	27
G001678		0.80	0.006	0.07	2.03	9.9	<0.2	<10	210	0.63	0.11	0.58	0.17	27.1	17.1	25
G001679		0.66	0.001	0.12	2.2	8	<0.2	<10	220	0.69	0.12	0.56	0.22	25.6	13.4	30



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	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Method Analyte Units LOR	Cs	Cu	Fe	Ga	Ge	F	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Sample Description	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
G001676	1.55	49	2.83	4.56	0.08	0.07	0.12	0.044	0.05	12.4	21.1	0.55	914	1.69	0.02
G001677	0.93	19.7	3.61	7.53	0.09	0.12	0.04	0.045	0.07	17.5	11.3	0.68	509	0.63	0.02
G001678	1.05	16.9	4.22	6.17	0.08	0.07	0.02	0.039	0.06	11.3	19	0.63	1320	0.68	0.02
G001679	0.99	20.6	3.38	6.79	0.07	0.08	0.04	0.039	0.06	11.5	17.1	0.52	1065	0.62	0.02





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## CERTIFICATE OF ANALYSIS TR07102230

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	So ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
		0.05	0.2	10	0.2	0.1	0.002	0.01	0.05	0.1	0.2	0.2	0.01	0.01	0.2	
G001676		0.61	40.4	880	12.9	7.9	0.024	0.11	0.74	4.5	3.8	0.3	153.5	0.01	0.06	0.4
G001677		0.51	25.7	1170	8	7.7	<0.001	0.02	0.13	7.8	0.6	0.8	86.9	<0.01	0.02	2
G001678		0.48	29.3	740	8	8.9	0.001	0.03	0.22	8	0.6	0.5	50.1	<0.01	0.03	1.4
G001679		0.53	30.5	570	8.3	10.9	0.001	0.03	0.14	7.2	0.5	0.5	56.9	<0.01	0.02	1.2



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Sample Description	Method Analyte Units LOR	ME-MS41 T %	ME-MS41 TI ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
G001676		0.015	0.08	1.56	44	0.11	16.3	152	1.4
G001677		0.031	0.09	1.03	71	0.05	14.85	88	2.7
G001678		0.028	0.08	0.61	77	0.07	11.9	100	1.8
G001679		0.016	0.09	0.72	63	0.06	11.9	71	1.5



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<b>Method</b>	<b>CERTIFICATE COMMENTS</b>
ALL METHODS ME-MS41	NSS is non-sufficient sample. Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

## **G Statement of Qualifications**

## STATEMENT OF QUALIFICATIONS

I, Daniel K. Lui, of 201 – 2211 Wall St., Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Project Geologist with Rimfire Minerals Corporation, in the offices at 700 – 700 West Pender Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology in 2002, and a graduate of the University of Western Ontario with a Master of Science degree in Geology in 2005.
3. THAT I have practiced my profession since graduation, primarily in a variety of exploration projects in British Columbia and Nunavut.
4. THAT this report is based on fieldwork carried out by me in August to September 2007, and on publicly available reports and data.

DATED at Vancouver, British Columbia, this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Daniel K. Lui, M.Sc.  
Rimfire Minerals Corporation  
Vancouver, B.C.

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