

**REPORT ON THE**

**EDEN LAKE PROPERTY**

**LYNN LAKE AREA, MANITOBA**

**NTS: 69C/9**

**2010 EXPLORATION PROGRAM**

**Assessment filing for 2010**

**By**

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# CONTENTS

<b>INTRODUCTION</b>	<b>2</b>
<b>SUMMARY OF GEOLOGY AND PAST EXPLORATION</b>	<b>2</b>
<b>LOCATION OF PROPERTY AND ACCESS AND INFRASTRUCTURE</b>	<b>2</b>
List of Property claims	
Map of Property claims	
<b>CLIMATE, VEGETATION AND TOPOGRAPHY</b>	<b>5</b>
<b>GEOLOGY OF THE EDEN LAKE COMPLEX</b>	<b>5</b>
<b>PAST WORK ON THE EDEN LAKE COMPLEX</b>	<b>6</b>
<b>TARGET COMMODITIES AND DEPOSIT TYPES</b>	<b>11</b>
<b>2010 EXPLORATION COMPLETED ON THE EDEN PROJECT</b>	<b>11</b>
<b>RESULTS OF THE 2010 MAPPING AND SAMPLING WORK</b>	<b>12</b>
General	
Geological Mapping and Sampling	
Detailed mapping	
Reconnaissance work	
Portable Drilling and Channel Sampling	
Satellite Imagery	
Mini Bulk Samples	
Core Examination	
Core logging and sample preparation facility	
Core storage	
Preliminary petrography and SEM	
<b>CONCLUSIONS AND RECOMMENDATIONS</b>	<b>18</b>
<b>APPENDICES</b>	
1. Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010	
2. Channel sample logs	
3. Ten assay certificates	

## **INTRODUCTION**

This report, authored by William H Bird, PhD, PGeo (Chairman and CEO of Medallion Resources Ltd (Medallion) and Medallion's Qualified Person, as defined by National Instrument 43-101, who is responsible for supervising the Eden Rare-Earth Project) presents the results of the Eden Rare-Earth Project 2010 exploration program carried out by Medallion under the management of independent contractor Hamid Mumin, PhD, PEng, PGeo. The area explored is known as the Eden Lake property (Property), which consists of the 14 Manitoba crown mineral claims that cover 3200 hectares (NTS 69C/9 - 56°39'N Latitude, 100°9'W Longitude). The field portion of the work, which consisted of geological mapping and sampling, was carried out between 1 June and 1 October 2010. Follow-up laboratory studies and sample assaying continued well into the last quarter of 2010.

## **SUMMARY OF GEOLOGY AND PAST EXPLORATION**

The Property is underlain by the Eden Lake carbonatite complex, which is a series of alkali intrusions, stockworks and breccias. This complex is hosted by and genetically related to alkali-rich rocks, including alkali-granite, syenite, monzonite, mafic, and ultramafic rocks. The entire suite of rocks is enriched in rare-earth elements (REE's). There are four distinct types of REE mineralization within the complex. These occur in carbonatite, metasomatic replacements, hydrothermal veins and pegmatites. The complex has the potential to host significant resources of REE's and phosphate rich apatite-bearing materials.

Rare-earth elements have been known at Eden Lake only since 1988, when detailed sampling by the Manitoba Energy and Mines Minerals Division discovered elevated levels of REE's in the core area of the Eden Project. The full characterization of the Eden Lake area as a major REE occurrence came in 2002, when REE-rich carbonatite intrusive rocks were discovered during an intense IOCG-exploration program. At the same time, more detailed high REE assays highlighted the widespread occurrence of REE's in pegmatite, hydrothermal veins and metasomatic replacements.

## **LOCATION OF PROPERTY AND ACCESS AND INFRASTRUCTURE**

Eden Lake claim area is located in northern Manitoba approximately 170 kilometres northwest of Thompson, 20 kilometres northwest of Leaf Rapids, and 59 kilometres southeast of Lynn Lake. It can be accessed from Leaf Rapids and the major mining community of Thompson via Highway 391, an all-weather paved and gravel road.

The property is situated on the east side of Eden Lake approximately six kilometres south of Highway 391. Access to the property from Highway 391 is via an approximately ten-kilometre winter logging road that connects Highway 391 with the northeast claim (Eden 790). Access can also be made by a boat from the landing on Highway 391, and by float-plane or helicopter from Thompson, Lynn Lake or Leaf Rapids.

The mining communities of Lynn Lake, Leaf Rapids and Thompson service the region. A railway line is located at Lynn Lake, which extends south to Flin Flon, and from there to the rest of the country. Hydropower can be accessed from Leaf Rapids, Lynn Lake or the Laurie River dam and power line southwest of the property.

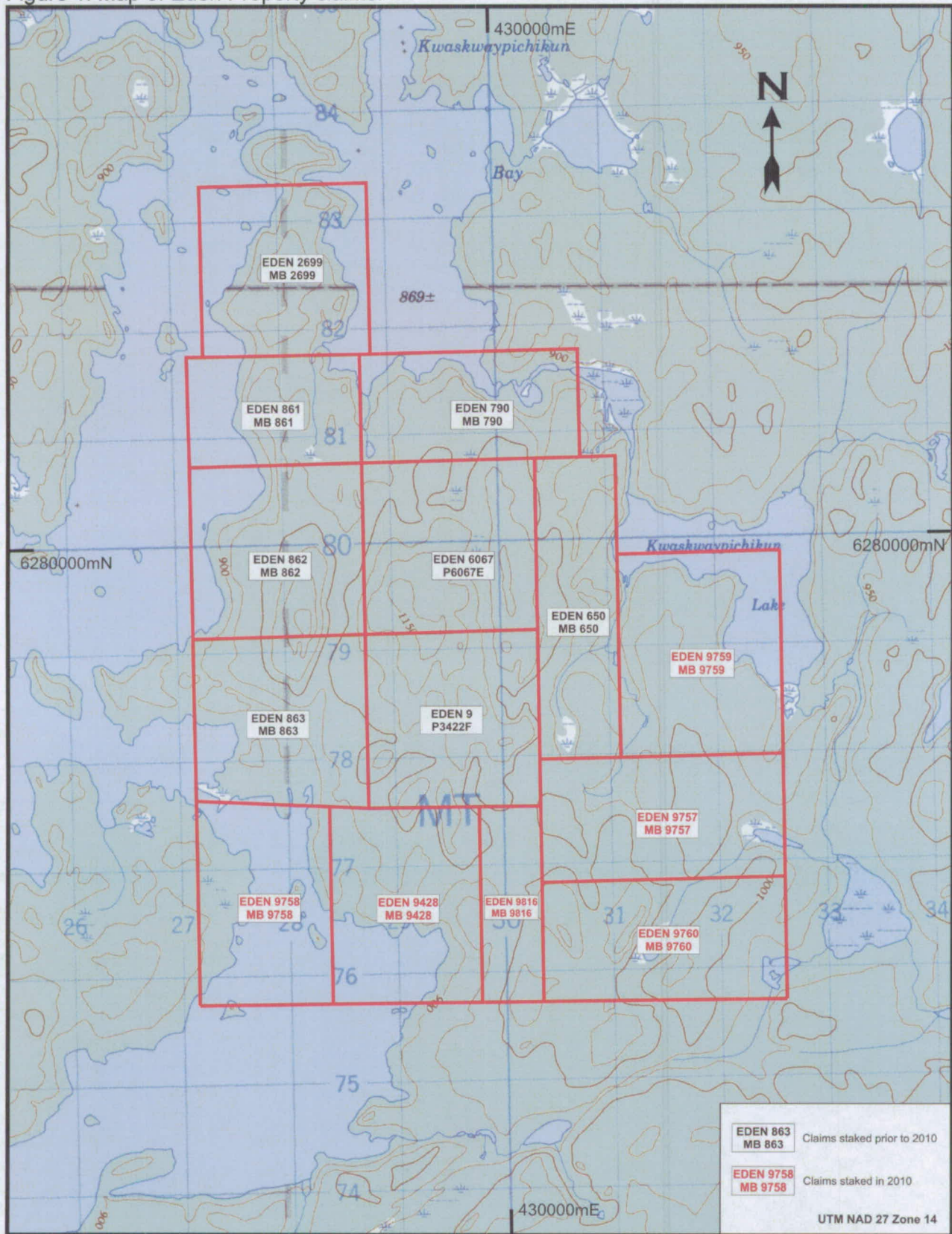
The Eden Lake property consists of 14 Manitoba crown mineral claims, covering an area of 3200 hectares, eight of which are held by Rare Element Resources Ltd (Rare Element) and six of which are held by Medallion (Table 1 and Figure 1).

Table 1. Table of Eden Property claims.

CLAIM NAME	CLAIM NUMBER	HOLDER	STAKED (yy/mm/dd-hour)	RECORDED (dd/mm/yy)	EXPIRES (dd/mm/yy)	HECTARES
EDEN 9	P3422F	RARE ELEMENT	1995/07/29 13:00	25/08/1995	24/10/2012	256
EDEN 650	MB650	RARE ELEMENT	1999/03/01 17:48	23/03/1999	22/05/2012	210
EDEN 790	MB790	RARE ELEMENT	1999/04/22 14:30	07/05/1999	06/07/2012	190
EDEN 861	MB861	RARE ELEMENT	1999/02/01 14:25	23/02/1999	23/04/2012	192
EDEN 862	MB862	RARE ELEMENT	1999/01/27 16:00	23/02/1999	24/04/2013	256
EDEN 863	MB863	RARE ELEMENT	1999/02/02 12:15	23/02/1999	23/04/2012	256
EDEN 2699	MB2699	RARE ELEMENT	2001/04/18 13:20	02/05/2001	01/07/2012	255
EDEN 6067	P6067E	RARE ELEMENT	1998/08/30 16:40	24/09/1998	23/11/2013	256
EDEN 9428	MB9428	MEDALLION	2010/08/15 17:15	19/08/2010	18/10/2012	256
EDEN 9757	MB9757	MEDALLION	2010/07/12 11:37	15/07/2010	13/09/2012	253
EDEN 9758	MB9758	MEDALLION	2010/08/15 13:13	19/08/2010	18/10/2012	220
EDEN 9759	MB9759	MEDALLION	2010/07/12 15:10	15/07/2010	13/09/2012	245
EDEN 9760	MB9760	MEDALLION	2010/07/08 21:57	15/07/2010	13/09/2012	253
EDEN 9816	MB9816	MEDALLION	2010/08/13 15:51	25/08/2010	24/10/2012	102



Figure 1. Map of Eden Property claims.



## **CLIMATE, VEGETATION AND TOPOGRAPHY**

The climate and vegetation in the Eden Lake area are typical of northern Manitoba. The area has an average summer temperature of 14.1°C, with an average winter temperature of -23.0°C. Annual precipitation averages 492.5mm (Environment Canada).

Most of the area is covered by northern boreal forest, consisting chiefly of jack pine, black spruce and balsam with a few stands of birch and poplar. However, due to a severe forest fire through the Eden Lake area in 1998, only a few stands of living forest remained on the property. The new growth consists of jack pine, spruce, poplar, alders, grasses, fireweed, berry bushes and other shrubs. The large-animal population comprises black bear, moose, deer and wolf.

Outcrop ridges that rise to a maximum of about 60m above the surrounding terrain characterize the topography of the property. They form steep-sided to moderately rounded hills of glacially polished outcrops in a series of north trending ridges separated by low swampy ground and glacial tills. Glacial debris covers the sides of most hills, underlies the low ground and forms eskers and boulder ridges between and along outcrop ridges.

## **GEOLOGY OF THE EDEN LAKE COMPLEX**

The area of the Eden REE Project is underlain by alkalic igneous rocks ranging in composition from early intermediate, mafic and ultramafic bodies to later potassium-feldspar-rich syenite and pegmatite bodies. The early, more mafic rocks are extensively altered, shattered and invaded by later syenite and pegmatite to produce complex veins, stockworks and blocky breccia.

Carbonatite, which hosts REE mineralization, is a rare type of igneous rock made up entirely, or to a great extent, of carbonate minerals. It is a key host of REE's around the world. At Eden, carbonatite dikes and plugs occur in close association with syenite and fenite (potassium) alteration. Various intrusive structures mapped during the 2002 field work indicate that a much larger carbonatite stock could lie below the eight-square kilometres of intense mineralization. The carbonatite is thought to predate the pegmatite and late hydrothermal alteration and deposition.

Alkali metasomatic alteration is pervasive. Early sodium alteration is followed by later stages including hematitization, potassium+sodium and potassium+carbonate alteration.

The chemical and physical properties of the REE's prevent them from occurring in common rocks, which results in REE concentrations in late-stage alkali-igneous rocks. These late stages include other reactive and volatile chemicals that alter and fracture the pre-existing rocks, into which they are injected. These late-stage "mineralizing" events are the processes that create ore deposits. Combinations of repetitive mineralizing processes create the maximum opportunities for concentrating ore minerals.

The Eden REE Project property contains a combination of four distinct styles of REE mineralization, which occur within an intensely altered and mineralized seven- to eight-square-kilometre area. They are all part of the intense late-stage REE concentration process that took place at the end of deposition of the alkalic igneous complex. These repetitive mineralization styles, listed in order of deposition, are as follows:

Carbonatite – The carbonatite with fenite alteration, associated with late-stage alkalic complexes, is a typical host rock for light rare-earth-element occurrences around the world. At the famous Mountain Pass, California mine and at Bear Lodge,

Wyoming, the high-grade rare-earth-element mineralization occurs in the carbonatite rocks. This very positive relationship at Eden was confirmed in 2002 with assays of carbonatite returning total REE-oxide values of as high as 1.75%.

**Pegmatite** – Pegmatite is very coarse-grained and generally is the last rock to form the remains of the liquid magma. Although generally relatively small, pegmatite deposits can contain high-grade REE mineralization. Their coarse-grain size and discrete structure allow easy mining and processing and, historically, they have been an important economic source of many minerals, including REE's. Pegmatite often is enriched in the more-valuable heavy REE's. At Eden, pegmatite forms dikes and sills up to five metres wide and several hundred metres long. The pegmatite contains the REE-bearing minerals andradite, allanite, britholite and apatite

**Hydrothermal veins** – Hydrothermal veins, breccias and stockworks result when volatile fluids, left over from the last of the rock-forming processes, fill fractures and deposit quartz, carbonate minerals and any remaining metals. High-grade REE's do not commonly occur in hydrothermal systems; however, at Eden, hydrothermal veins have been sampled that contain up to 15% total REE oxides, the highest-grade Eden material found to date. This is exceptional. These veins are targets for high-grade material, which could add significant grade to a potential ore body. The veins also contain up to 0.60% yttrium oxide, an indicator of potential heavy REE content.

**Metasomatically altered host rock** – Through a process known as metasomatism, hydrothermal fluids can permeate and alter pre-existing host rock, adding valuable minerals to its chemical composition. With other metals, such as gold and copper, altered host rock, impregnated with ore mineralization makes up the bulk of large-tonnage deposits. At Eden, significant REE enrichments occur in metasomatized syenite and ultra mafic, mafic and intermediate igneous rocks. This is an unusual occurrence for REE minerals and these metasomatized rocks are a major target for a potential large-tonnage deposit.

## **PAST WORK ON THE EDEN LAKE COMPLEX**

Rare-earth elements have been known at Eden Lake only since 1988, when detailed sampling by the Manitoba Energy and Mines Minerals Division discovered elevated levels of REE's in the core area of the Eden Project. At that time, the discovery was only of moderate interest because REE's were not thought to be of great importance.

The following is a summary of previous work performed in the Eden Property area:

<b>Year</b>	<b>Organization</b>	<b>File Number</b>	<b>Program</b>
1936	Geological Survey of Canada (Henderson et. al., 1936)		Geological Survey; Geological mapping at a scale of four miles to the inch as part of the Granville Lake sheet (east half)

1954	Canadian Nickel Company Limited	91615*	Geophysical Survey; Airborne EM Survey
1957-61	Sherritt Gordon Mines Ltd.	91622	Geophysical Survey; Airborne Magnetic Survey
1960	Selco Exploration	91626	Geophysical Survey; Airborne EM Survey
1962	Geological Survey of Canada		Geophysical Survey; Airborne magnetic survey Map 2385G.
1963	Geological Survey of Canada		Geochronological Survey; Age determinations.
1966	Canadian Nickel Company Limited	91654	Geophysical Survey; Airborne EM Survey
1970	Barringer Research Limited	91445*	Geophysical Survey; Helicopter EM and magnetic survey
1970	Barringer Research Limited	91356*	Geophysical Surveys; VLF-EM and magnetic ground survey were conducted southeast of Eden Lake property
1970	Hudson Bay Exploration & Development Ltd.	91679	Geophysical Survey; Helicopter EM Radiometric Survey
1971	Hudson Bay Exploration & Development Ltd	90990*	Diamond Drilling; 9 diamond drill holes 6 km southeast of Eden Lake property
1973	Sherritt Gordon Mines Ltd.	91699	Geophysical Survey; Airborne EM and magnetic survey.
1974	Manitoba Energy and Mines; Zwanzig		Geological Survey; Geological reconnaissance over shoreline of Eden Lake
1974	Manitoba Energy and Mines		Geophysical Survey; airborne gamma ray spectrometer

			survey
1976	Manitoba Government	91989	Geophysical Survey; Airborne INPUT survey
1976	Manitoba Energy and Mines; McRitchie		Geological Survey; Preliminary geological mapping in Outlaw Bay area
1977	Geological Survey of Canada (Map 35364G)		Geophysical Survey; airborne gamma ray spectrometer survey
1978	Manitoba Energy and Mines; (Cameron, 1988)		Geological Survey; Identification of aegirine-augite- bearing monzonite and quartz monzonite between Eden and Kwaskwaypichikun lakes
1981	Manitoba Energy and Mines		Compilation; Compilation of geophysical conductors – airborne and ground for the Eden Lake area OF81-5
1988	Manitoba Energy and Mines; (McRitchie, 1988)		Geological Survey; Detailed mapping and sampling discover elevated light rare earth elements in areas of high radioactivity in area of "main" showing
1989	Manitoba Energy and Mines; (McRitchie, 1989)		Geophysical and Geological Surveys; ground scintillometer, geological mapping, and geochemical sampling program
1989	Geological Survey of Canada (Schmitt et. al., 1989)		Geochemical Survey; Lake, water and sediment geochemical sampling program.
1990	Manitoba Energy and Mines; (Young and McRitchie, 1990)		Geophysical and Geological Surveys; Ground based scintillometer survey and geochemical sampling of "hot spots"
1990	Geological Survey of Canada; (Shives, 1996)		Geophysical Survey; Airborne gamma ray spectrometer survey

1994	Manitoba Energy and Mines; (Fedikow et. al., 1994)	Geochemical Survey; Vegetation geochemical survey
1995	University of Manitoba thesis Arden, K.M. (Arden, 1994)	Crystallization and alteration history of britholite in rare earth element- enriched pegmatites associated with the Eden Lake complex
1995	Manitoba Energy and Mines; (Gunter et. al., 1995)	Geophysical and Geological Surveys; Mineralogical and metallurgical studies, enzyme leach b-horizon survey, ground scintillometer survey
1996	Strider Resources Ltd. (Ziehlke, 1997)	Staked the Eden Lake property; conducted limited vegetable geochemical survey.
1998	Strider Resources Ltd. (Ziehlke, 1997)	Vegetable geochemical survey
1999	Strider Resources Ltd. (Ziehlke, 1999)	Conducted prospecting; discovery of REE-bearing andradite garnets in pegmatites
2000	Strider Resources Ltd. (Ziehlke, 1999)	Conducted prospecting; discovery of additional anomalous REE mineralization
2001	Rare Earth Metals Corporation	Optioned the property and cut two grid lines (east and west grids)
2001	Strider Resources Ltd. (Ziehlke, 2002); Rare Earth Metals Corporation	Additional prospecting carried out; VLF-EM and magnetometer surveys.
2002 Summer	Rare Earth Metals Corporation	Mapping of east and west grids; geochemical assay of samples; reconnaissance mapping.  Discovery of carbonatite complex.
2002 Fall	Rare Earth Metals Corporation	Trench program.  Mapping and geochemical assay of trench samples.
2003 Summer	Rare Earth Metals Corporation	Geological mapping.  Scintillometer survey; high-grade REE vein sampling.  REE vein mini-bulk sample

		Geobotanical survey E and W grids.
2004 Summer	Rare Earth Metals Corporation	<p>Geological mapping of new grid area (north, central, southeast, and southwest grids).</p> <p>Magnetometer surveys of the north, central, southeast and southwest grids.</p> <p>Geobotanical survey of new grid area.</p> <p>Geological detailing of Trenches 1 and 2.</p> <p>Mini-bulk sample of apatite-rich carbonatite.</p> <p>Scintillometer surveys</p> <p>Reconnaissance mapping.</p>
2005 Winter	Rare Earth Metals Corporation	Preparation and analysis of REE-rich apatite concentrates from carbonatite samples.
2005 Spring	Franks, M.	Technical Report, Approximate amount and distribution of REE's in apatite crystals from the Eden Lake Carbonatite Complex.
2005 Summer	Rare Earth Metals Corporation	Soil Geochemistry Survey
2005 Summer	Mumin and Chakhmouradian.	Trench mapping and sampling.
2005	University of Western Ontario thesis Couëslan, C.G. (Couëslan, 2005)	Geochemistry and Petrology of the Eden Lake Carbonatite and Associated Silicate Rocks.
2006 Winter	Rare Earth Metals Corporation	Diamond Drilling (6 holes).
2008	<p>Article published in <i>Lithos</i>, Volume 103, Issues 3-4, July 2008, Pages 503-526.</p> <p>(Chakhmouradian, Mumin, Demény, Elliott, 2008)</p>	<p>Postorogenic carbonatites at Eden Lake, Trans-Hudson Orogen (northern Manitoba, Canada): Geological setting, mineralogy and geochemistry.</p>
2009 Winter	Medallion Resources Ltd Subcontractor Aeroquest Limited Claim assess file 31 Dec 2009	helicopter-borne electromagnetic geophysical survey



## **TARGET COMMODITIES AND DEPOSIT TYPES**

The Eden Project property exploration target commodities are the rare-earth elements (REE's). The REE's occur in four distinct types of mineralization. Each of these four types constitutes a potential distinct deposit type. These are as follows:

- REE's disseminated in carbonatite intrusive bodies.
- REE's concentrated in pegmatite bodies.
- REE's concentrated in veins.
- REE's disseminated in metasomatic replacements and altered host rocks.

## **2010 EXPLORATION COMPLETED ON THE EDEN PROJECT**

Detailed mapping and sampling of the various rare-earth-element targets were not able to get underway on the Eden Rare-Earth Project until the first week in August. The delay was caused by a protracted Work Permit procedure. This resulted when the Marcel Colomb First Nation, in whose Area of Community the Property lies, was unable to deal with the permit details on a timely basis. A meeting between Medallion and the First Nation, constituted on 29 July 2010 by the Mr Ernie Armitt, Director, Mines Administration, Minerals Resources Division of the Manitoba Ministry of Innovation, Energy and Mines, resolved all issues. The Work Permit was granted on 4 August 2010.

By the time the permit was granted, the remaining time only allowed for an exploration program focused on one of the major target types of REE mineralization. The target mineralization choice, which was the fenitized REE-bearing syenite, was based on previous exploration data and information gathered during property visits.

Exploration work then shifted to evaluating the REE content over the large surface areas of mineralized and fenitized (alkali metasomatism) syenite and other REE-bearing related rocks. Broad areas of this particular mineralized rock occur right at the surface and, therefore, this rock type has the greatest potential, of the four major styles of REE mineralization, for a large surface deposit. Detailed sampling of this fenitized rock, using portable drills and diamond-saw channel sampling began as soon as the permit was in hand.

Previous work had collected a number of samples of the fenitized rock that ran 0.2% to 0.3% total REEs. An array of 12 new separate channels was laid out and sampled with a diamond saw, which produced 174 individual one-metre-long rock channel samples. In addition, an array of portable-drill sample site was laid out and sampled, which produced 47 one-metre-long surface cores. It was hypothesized that, if a significant number of these samples assayed at, or near 0.2% total REEs, they would indicate a potential multimillion-tonne REE resource.



## **RESULTS OF THE 2010 MAPPING AND SAMPLING WORK**

The results of the mapping and sampling work are presented in a company report entitled, "Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010," by Carlos Katsuragi and Hamid Mumin, PhD, PEng, PGeo, who managed the 2010 exploration program. The following sections are quoted from this report (the entire report appears as Appendix 1):

- General
- Geological Mapping and Sampling
- Detailed mapping
- Reconnaissance work
- Portable Drilling and Channel Sampling
- Satellite Imagery
- Mini Bulk Samples
- Core Examination
- Core logging and sample preparation facility
- Core storage
- Preliminary petrography and SEM

### **General**

Geological field work was carried out on the Eden Lake project, ~ 25 km northeast of Leaf Rapids Manitoba, between June 1, 2010 and October 30, 2010. The program focussed on geological mapping and sampling, and other preliminary work. Difficulties in obtaining a work permit, and the lack of reliable local labour, resulted in unexpected and unavoidable delays in the work program. The delay in the work permit was due to the requirement for the Government of Manitoba to hold community consultation with Marcel Colomb First Nation, and was outside of the influence of Medallion. Consultation was completed on July 29<sup>th</sup> and the permit was received August 4, 2010. Labour delays were due to unexpected tragedies at Marcel Colomb First Nation which rendered them unable to provide agreed labour for the Eden Lake project. In spite of the difficulties, preliminary surveys were successfully completed as outlined below.

### **Geological Mapping and Sampling**

The extent of geological mapping and sampling was severely restricted due to very difficult bush conditions caused by a combination of the 1996 fire, almost complete blow down of the thick burned timbered, total obliteration of the previous cut grids and new re-growth, which in combination, rendered most of the property practically impassable. Full property surveys cannot be completed until a program of line-cutting and access trails is completed across the property. Consequently, most work was restricted to the main outcrop area of the West Grid, where good access was achieved.

In total 364 samples were sent for analysis during the 2010 field season. They consisted of: 1) 133 grab samples collected on the western and central areas of the property, and also from other reconnaissance areas surrounding the Eden Lake property, 2) 174 rock sawn channel samples from the mineralized fenite zone, 3) 47 drill core samples obtained by a portable drill and collected from the mineralized fenite zone not tested by the channel samples, and 4) 10 re-assays of intervals of interest from the 2006 drill cores.

### **Detailed mapping**

Detailed geological mapping at a scale of 1:1000 was completed in the main outcrop area located in the west portion of the property. The zone is approximately 1.7 km x 0.6 km and is located within claims EDEN 862 and EDEN 863 (Figures 1, 2 and 3). It represents the area of greatest interest during the current program due to the extensive exposures of mineralized fenite, and the good access resulting from excellent outcrop exposure (Figure 3).

Geological mapping was also initiated in the central part of the property (western portion of claim EDEN 6067), but later it was halted due to a change in the priorities of the project. It was decided to concentrate efforts on the delineation of the mineralized fenite zone within the central part of claims EDEN 862 and EDEN 863, which needed to be completed before the end of the field season and prior to other activities.

### **Reconnaissance work**

Areas to the west and to south of the Eden Lake property were visited to help establish any extensions to the Eden Lake Complex. It is now known that the southern limit of the Eden Lake syenite complex is located at least 1.2 km south of the southernmost new claim (EDEN 9428). Least altered Eden Lake complex syenite collected from across the Eden Lake channel west of the property was used as control samples that were inserted into every batch of samples sent for laboratory analysis.

### **Portable Drilling and Channel Sampling**

Rock sawn channel and portable drill core samples were taken to delineate the mineralized fenite zone on the main outcrop areas of claims EDEN 862 and EDEN 863. Channel samples were obtained by two parallel saw cuts, 3 to 4 cm apart and penetrating about 10 cm below surface. Samples were broken out by chisel and taken in 1m intervals or according to changes in rock lithology. Channels were cut in the central part of the outcrop where the intense altered fenite zone is widest.

The portable drill was used mainly to cover the southern part of the fenite area not tested by the channel sampling. Drill core samples consisted of 1m long cores with a diameter of 2.5 cm. They were collected along 100 meter spaced lines with samples taken every 25m along the lines.

### **Satellite Imagery**

In total 430 km<sup>2</sup> of high-resolution satellite imagery have been acquired in the Eden lake area. The data was used during reconnaissance and detailed mapping as most outcrop areas are very well identified in the images. The satellite imagery will be used in future to assist with a structural analysis of the entire Eden Lake district, and to assist with further reconnaissance and detailed mapping.

### **Mini Bulk Samples**

Two mini bulk samples of approximately 25kg each were collected for further studies and to have available for the possibility of making mineral concentrates. The samples are "intense syenite fenite" (sample # 50005) and "allanite rich carbonatitic fenite" (sample # 50040).

### **Core Examination**

Diamond drill core from the 2006 drilling program was re-inspected prior to the field activities. Ten core samples were sent for check geochemical analysis and approximately thirty were brought to Brandon University for further studies as required.

### **Core logging and sample preparation facility**

Core logging and sample preparation facilities have been secured and upgraded within the Town of Leaf Rapids. Negotiations with the Town of Leaf Rapids resulted in an agreement by the Town of Leaf Rapids not to charge rent or fees for use the facility. The core shack is an excellent facility locates in an industrial complex (unit 4) on Kinapik Road, near the former Co-op gas bar. The core logging facility is being shared with VMS resources of Vancouver, by agreement with John Roosendaal, President of VMS (Figure 4).

### **Core storage**

An agreement was reached with the town of Leaf Rapids for the use of land for drill core and rock sample storage. The storage area is being provided to Medallion Resources at no charge. The storage area is just north of Akisko Bay (north of the industrial section of Town) in a land formerly known as "the fox farm". VMS resources South Bay core, which had been stored in the core logging and sample preparation facility, has been moved to the new storage site.

### **Preliminary petrography and SEM**

48 polished thin sections have been prepared from various lithologies identified in during the 2010 field season and from some 2006 drill core samples. Preliminary petrographic work was carried on some samples to help ensure proper field indentifications. Some of these samples were also subject to preliminary analytical SEM analysis at Brandon University for mineral ID and composition, and REE metal distribution and citing.

Figure 2: Eden Lake sample locations and work areas [from Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010].

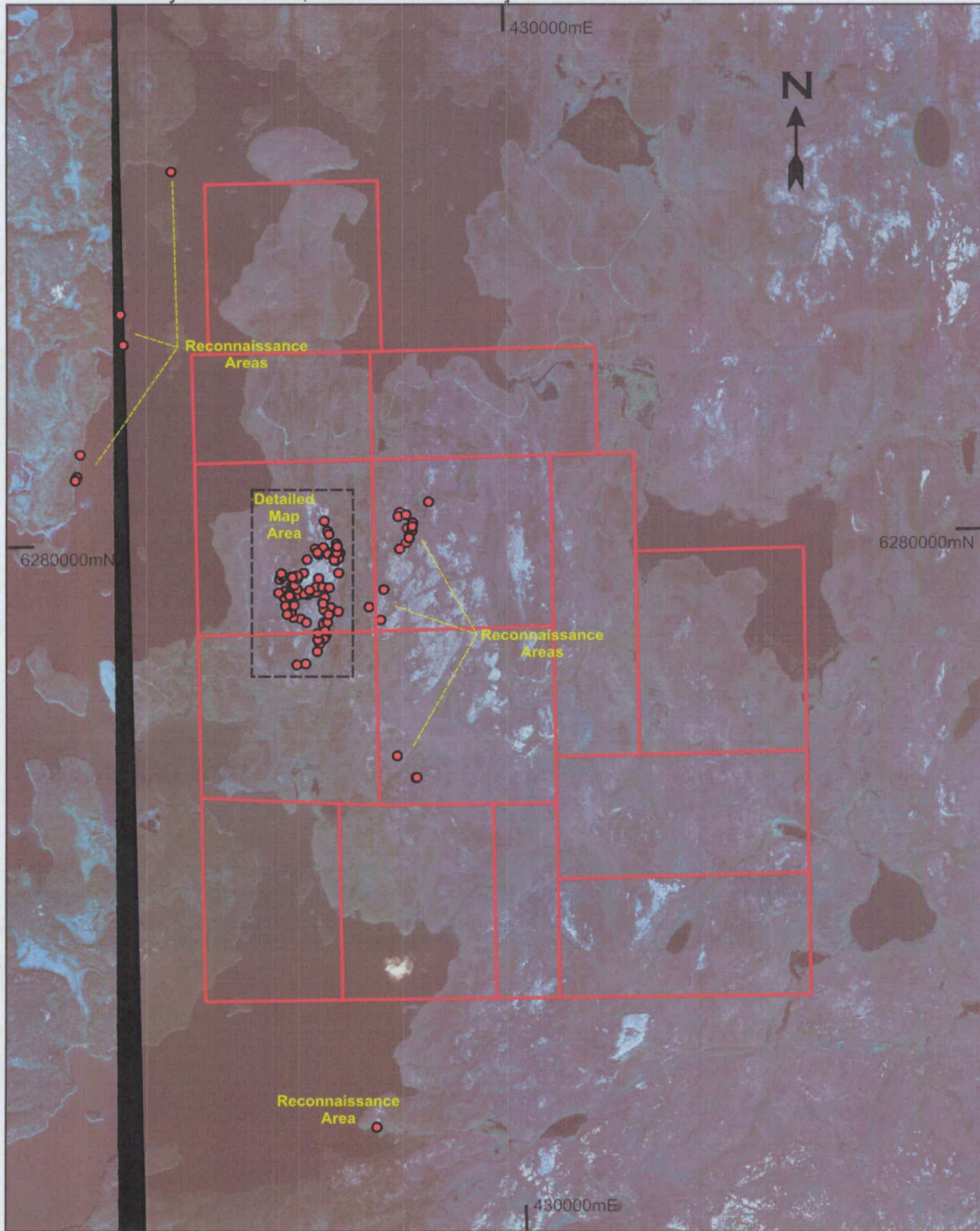
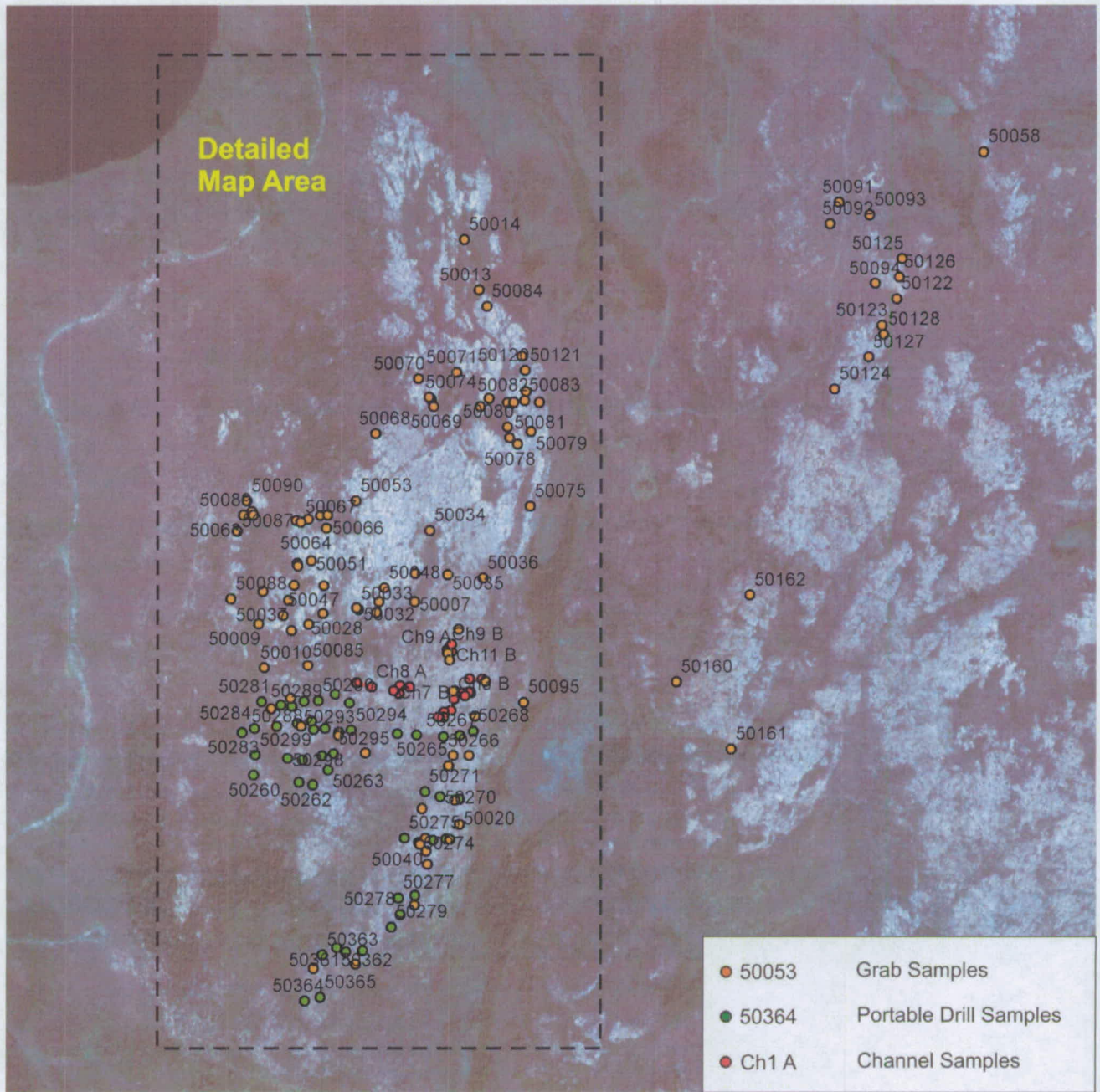




Figure 3: Detailed map area and sample locations [from Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010]



1.

Table 2: List of Eden Lake channel samples collected during 2010 [from Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010]

Channel	Length h (m)	Azimuth h	Initial Point (0.0m)		# of Samples	Sample Number
			Easting	Northing		
Ch1	23.02	273°	428320	6279593	23	50180-50194, 50196-50199, 50200-50203
Ch2	15.20	271°	428299	6279568	17	50204-50218, 50220-50221
Ch2b	2.15	271°	428297	6279570	3	50222-50224
Ch3	20.93	252°	428288	6279563	25	50107-50119, 50140-50151
Ch4	13.32	259°	428263	6279536	13	50152-50159, 50164-50168
Ch5	8.61	270°	428249	6279524	9	50170-50178
Ch6	17.56	277°	428187	6279579	17	50225-50235, 50237-50239, 50240-50242
Ch7	11.58	296°	428168	6279567	13	50243-50255
Ch8	29.10	286°	428118	6279579	28	50257-50259, 50300-50313, 50315-50319, 50320-50325
Ch9	4.95	354°	428256	6279643	3	50326-50328, (overburden between 1.0m and 3.0m)
Ch10	5.98	004°	428259	6279643	7	50329-50335
Ch11	12.85	002°	428264	6279644	16	50336-50339, 50340-50351

## **CONCLUSIONS AND RECOMMENDATIONS**

The results of the sampling program, and mainly, the channel sampling, did not support a potential for an economic large surface REE deposit. To support the hypothesis for the occurrence of such a deposit, the average of assays for large areas of the metasomatic fenitized rock would have to be above, or at least close to 0.2% total REEs. Although all samples contained elevated levels of REEs, the average REE grade, particularly along the continuous channels in the fenite, does not support the hypothesis. No such large surface area was located. The actual averages of the various areas of fenitization fell below 0.15% total REEs. Therefore, this particular model for an economic deposit at Eden Lake must be set aside.

During the course of the 2010 exploration, examination of two of the other types of REE mineralization, hydrothermal vein occurrences and pegmatite occurrences, also indicated that these were unlikely to produce large-tonnage resources. Even though some of these occurrences returned higher-grade assays, the size of the occurrences was relatively small and discontinuous. The value of these types of mineralization only can be realized if they are mined in conjunction with other, more widely spread REE mineralization.

Medallion should now refocus the Eden REE Project exploration on the REE-bearing carbonatite that occurs throughout the area of the Eden Lake claims. There is potential for a very large tonnage of carbonatite, which, as is the case at Molycorp's Mountain Pass mine, is a common host for REE deposits.

## **APPENDICES**

1. Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010
2. Channel sample logs
3. Ten assay certificates
4. Eden Lake geology map with sample locations



**APPENDIX 1**

**Eden Lake Rare Metal (REE, Y, U, Th, Phosphate)  
Carbonatite Complex Manitoba**

**Summary of Activities**

**Summer-Fall 2010**

Submitted by C. Katsuragi and H. Mumin.

## **General**

Geological field work was carried out on the Eden Lake project, ~ 25 km northeast of Leaf Rapids Manitoba, between June 1, 2010 and October 30, 2010. The program focussed on geological mapping and sampling, and other preliminary work. Difficulties in obtaining a work permit, and the lack of reliable local labour, resulted in unexpected and unavoidable delays in the work program. The delay in the work permit was due to the requirement for the Government of Manitoba to hold community consultation with Marcel Colomb First Nation, and was outside of the influence of Medallion. Consultation was completed on July 29<sup>th</sup> and the permit was received August 4, 2010. Labour delays were due to unexpected tragedies at Marcel Colomb First Nation which rendered them unable to provide agreed labour for the Eden Lake project. In spite of the difficulties, preliminary surveys were successfully completed as outlined below.

## **Geological Mapping and Sampling**

The extent of geological mapping and sampling was severely restricted due to very difficult bush conditions caused by a combination of the 1996 fire, almost complete blow down of the thick burned timbered, total obliteration of the previous cut grids and new re-growth, which in combination, rendered most of the property practically impassable. Full property surveys cannot be completed until a program of line-cutting and access trails is completed across the property. Consequently, most work was restricted to the main outcrop area of the West Grid, where good access was achieved.

In total 364 samples were sent for analysis during the 2010 field season. They consisted of: 1) 133 grab samples collected on the western and central areas of the property, and also from other reconnaissance areas surrounding the Eden Lake property, 2) 174 rock sawn channel samples from the mineralized fenite zone, 3) 47 drill core samples obtained by a portable drill and collected from the mineralized fenite zone not tested by the channel samples, and 4) 10 re-assays of intervals of interest from the 2006 drill cores.

## **Detailed mapping**

Detailed geological mapping at a scale of 1:1000 was completed in the main outcrop area located in the west portion of the property. The zone is approximately 1.7 km x 0.6 km and is located within claims EDEN 862 and EDEN 863 (Figures 1, 2 and 3). It represents the area of greatest interest during the current program due to the extensive exposures of mineralized fenite, and the good access resulting from excellent outcrop exposure (Figure 3).

Geological mapping was also initiated in the central part of the property (western portion of claim EDEN 6067), but later it was halted due to a change in the priorities of the project. It was decided to concentrate efforts on the delineation of the mineralized fenite zone within the central part of claims EDEN 862 and EDEN 863, which needed to be completed before the end of the field season and prior to other activities.

## **Reconnaissance work**

Areas to the west and to south of the Eden Lake property were visited to help establish any extensions to the Eden Lake Complex. It is now known that the southern limit of the Eden Lake syenite complex is located at least 1.2 km south of the southernmost new claim (EDEN 9428). Least altered Eden Lake complex syenite collected from across the Eden Lake channel west of

the property was used as control samples that were inserted into every batch of samples sent for laboratory analysis.

### **Portable Drilling and Channel Sampling**

Rock sawn channel and portable drill core samples were taken to delineate the mineralized fenite zone on the main outcrop areas of claims EDEN 862 and EDEN 863. Channel samples were obtained by two parallel saw cuts, 3 to 4 cm apart and penetrating about 10 cm below surface. Samples were broken out by chisel and taken in 1m intervals or according to changes in rock lithology. Channels were cut in the central part of the outcrop where the intense altered fenite zone is widest.

The portable drill was used mainly to cover the southern part of the fenite area not tested by the channel sampling. Drill core samples consisted of 1m long cores with a diameter of 2.5 cm. They were collected along 100 meter spaced lines with samples taken every 25m along the lines.

### **Claim Staking**

Six additional claims were staked during the 2010 field season adding 1329 hectares to the total Eden Lake property (see Table 1 and Figure 1). To date the property comprises 14 claims with a total area of 3200 hectares.

### **Satellite Imagery**

In total 430 km<sup>2</sup> of high-resolution satellite imagery have been acquired in the Eden lake area. The data was used during reconnaissance and detailed mapping as most outcrop areas are very well identified in the images. The satellite imagery will be used in future to assist with a structural analysis of the entire Eden Lake district, and to assist with further reconnaissance and detailed mapping.

### **Mini Bulk Samples**

Two mini bulk samples of approximately 25kg each were collected for further studies and to have available for the possibility of making mineral concentrates. The samples are "intense syenite fenite" (sample # 50005) and "allanite rich carbonatitic fenite" (sample # 50040).

### **Core Examination**

Diamond drill core from the 2006 drilling program was re-inspected prior to the field activities. Ten core samples were sent for check geochemical analysis and approximately thirty were brought to Brandon University for further studies as required.

### **Core logging and sample preparation facility**

Core logging and sample preparation facilities have been secured and upgraded within the Town of Leaf Rapids. Negotiations with the Town of Leaf Rapids resulted in an agreement by the Town of Leaf Rapids not to charge rent or fees for use the facility. The core shack is an excellent facility locates in an industrial complex (unit 4) on Kinapik Road, near the former Co-op gas bar. The core logging facility is being shared with VMS resources of Vancouver, by agreement with John Roosendaal, President of VMS (Figure 4).

### **Core storage**

An agreement was reached with the town of Leaf Rapids for the use of land for drill core and rock sample storage. The storage area is being provided to Medallion Resources at no charge. The storage area is just north of Akisko Bay (north of the industrial section of Town) in a land formerly known as "the fox farm". VMS resources South Bay core, which had been stored in the core logging and sample preparation facility, has been moved to the new storage site.

### **Preliminary petrography and SEM**

48 polished thin sections have been prepared from various lithologies identified in during the 2010 field season and from some 2006 drill core samples. Preliminary petrographic work was carried on some samples to help ensure proper field indentifications. Some of these samples were also subject to preliminary analytical SEM analysis at Brandon University for mineral ID and composition, and REE metal distribution and citing.

Table 1: List of claims comprising the Eden Lake Property (Manitoba Mines Branch claim map, MGS website Dec 1, 2010)

CLAIM NAME	CLAIM NUMBER	HOLDER	STAKED (yy/mm/dd-ROLL)	RECORDED (dd/mm/yy)	EXPIRES (dd/mm/yy)	HECTARES
EDEN 9	P3422F	RARE ELEMENT RESOURCES LTD.	1995/07/29 13:00	25/08/1995	24/10/2012	256
EDEN 650	MB650	RARE ELEMENT RESOURCES LTD.	1999/03/01 17:48	23/03/1999	22/05/2012	210
EDEN 790	MB790	RARE ELEMENT RESOURCES LTD.	1999/04/22 14:30	07/05/1999	06/07/2012	190
EDEN 861	MB861	RARE ELEMENT RESOURCES LTD.	1999/02/01 14:25	23/02/1999	23/04/2012	192
EDEN 862	MB862	RARE ELEMENT RESOURCES LTD.	1999/01/27 16:00	23/02/1999	24/04/2013	256
EDEN 863	MB863	RARE ELEMENT RESOURCES LTD.	1999/02/02 12:15	23/02/1999	23/04/2012	256
EDEN 2699	MB2699	RARE ELEMENT RESOURCES LTD.	2001/04/18 13:20	02/05/2001	01/07/2012	255
EDEN 6067	P6067E	RARE ELEMENT RESOURCES LTD.	1998/08/30 16:40	24/09/1998	23/11/2013	256
EDEN 9428	MB9428	MEDALLION RESOURCES LTD	2010/08/15 17:15	19/08/2010	18/10/2012	256
EDEN 9757	MB9757	MEDALLION RESOURCES LTD	2010/07/12 11:37	15/07/2010	13/09/2012	253
EDEN 9758	MB9758	MEDALLION RESOURCES LTD	2010/08/15 13:13	19/08/2010	18/10/2012	220
EDEN 9759	MB9759	MEDALLION RESOURCES LTD	2010/07/12 15:10	15/07/2010	13/09/2012	245
EDEN 9760	MB9760	MEDALLION RESOURCES LTD	2010/07/08 21:57	15/07/2010	13/09/2012	253
EDEN 9816	MB9816	MEDALLION RESOURCES LTD	2010/08/13 15:51	25/08/2010	24/10/2012	102

Figure 1: Eden Lake Property

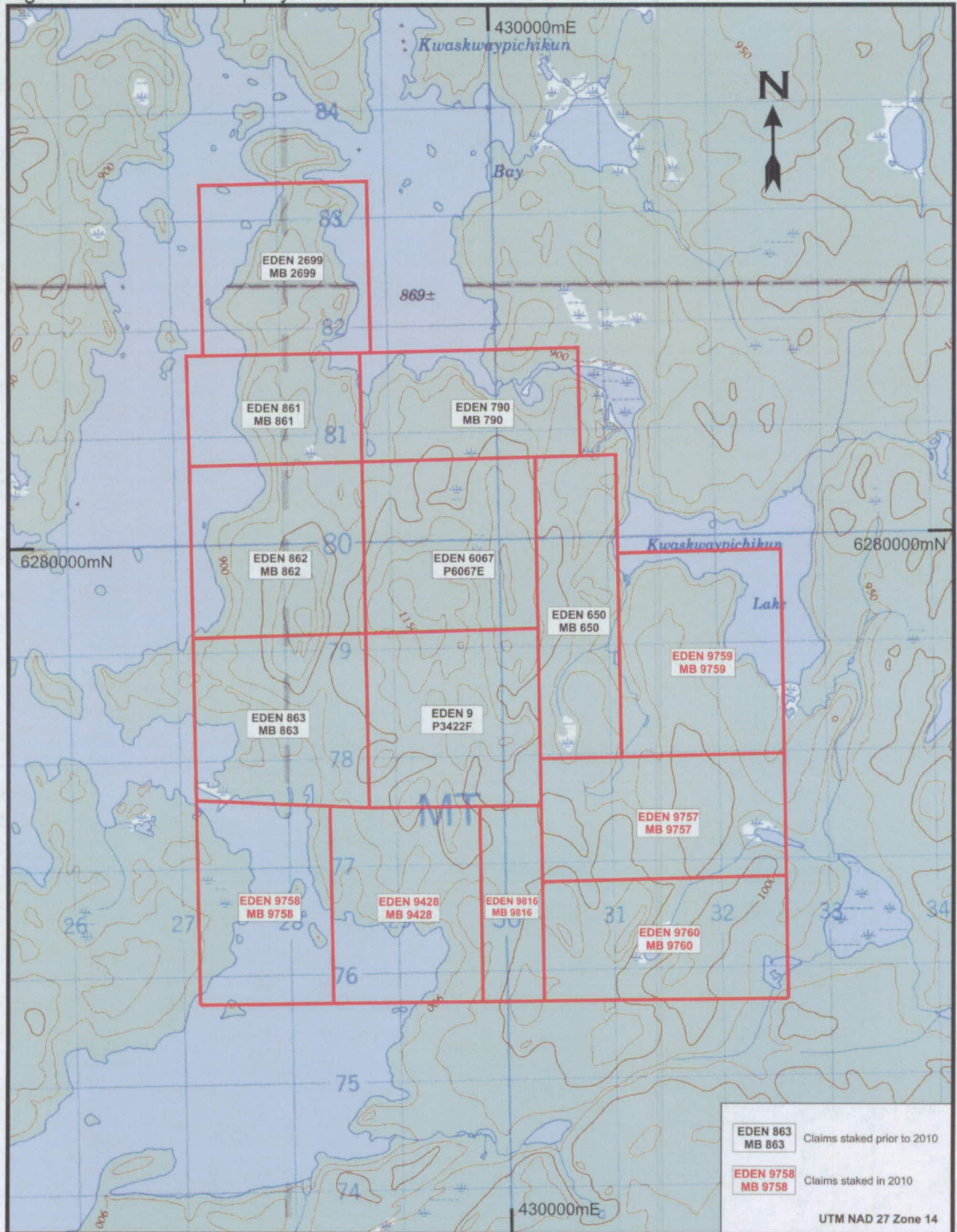




Figure 2: Eden Lake sample locations and work areas.

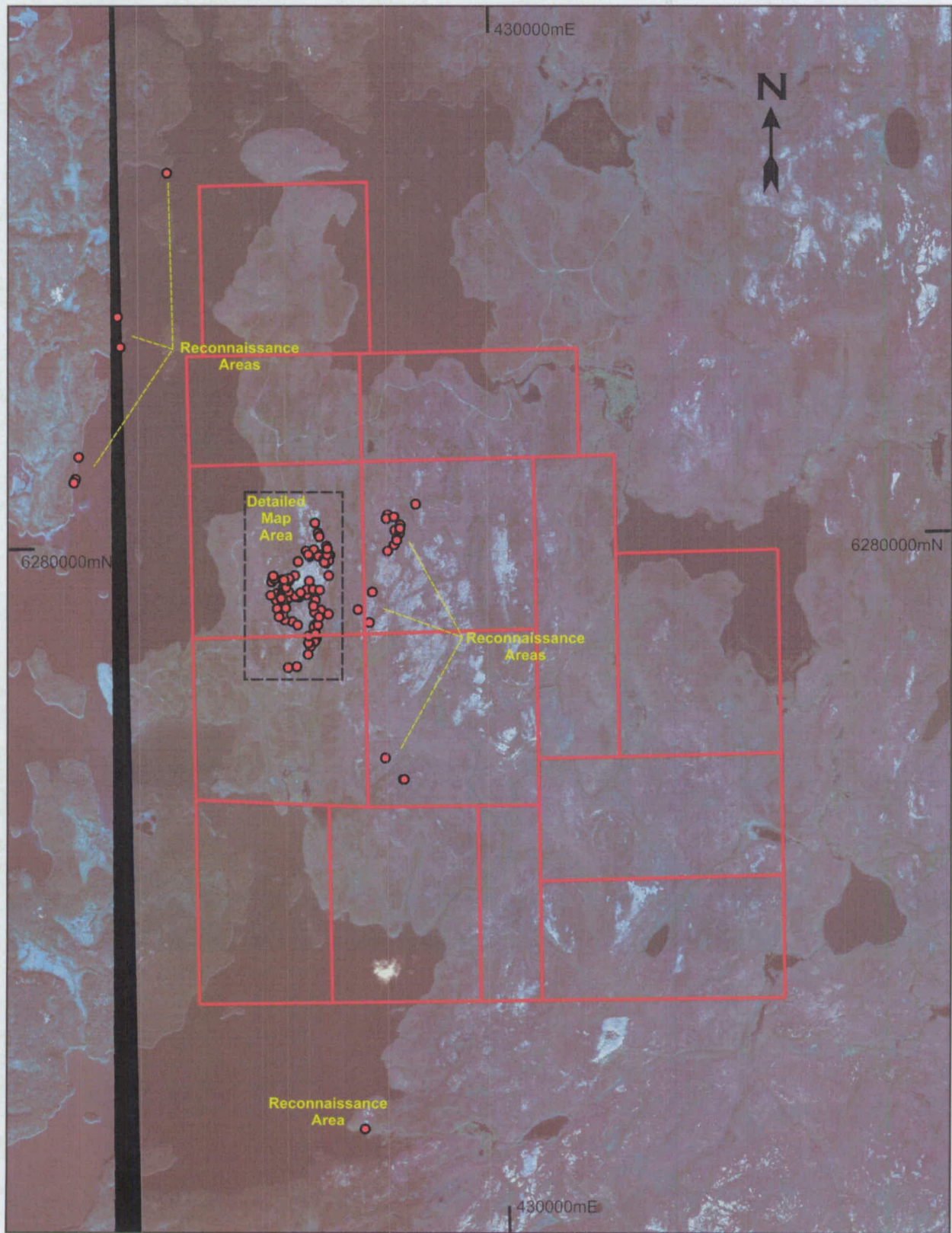




Figure 3: Detailed map area and sample locations.

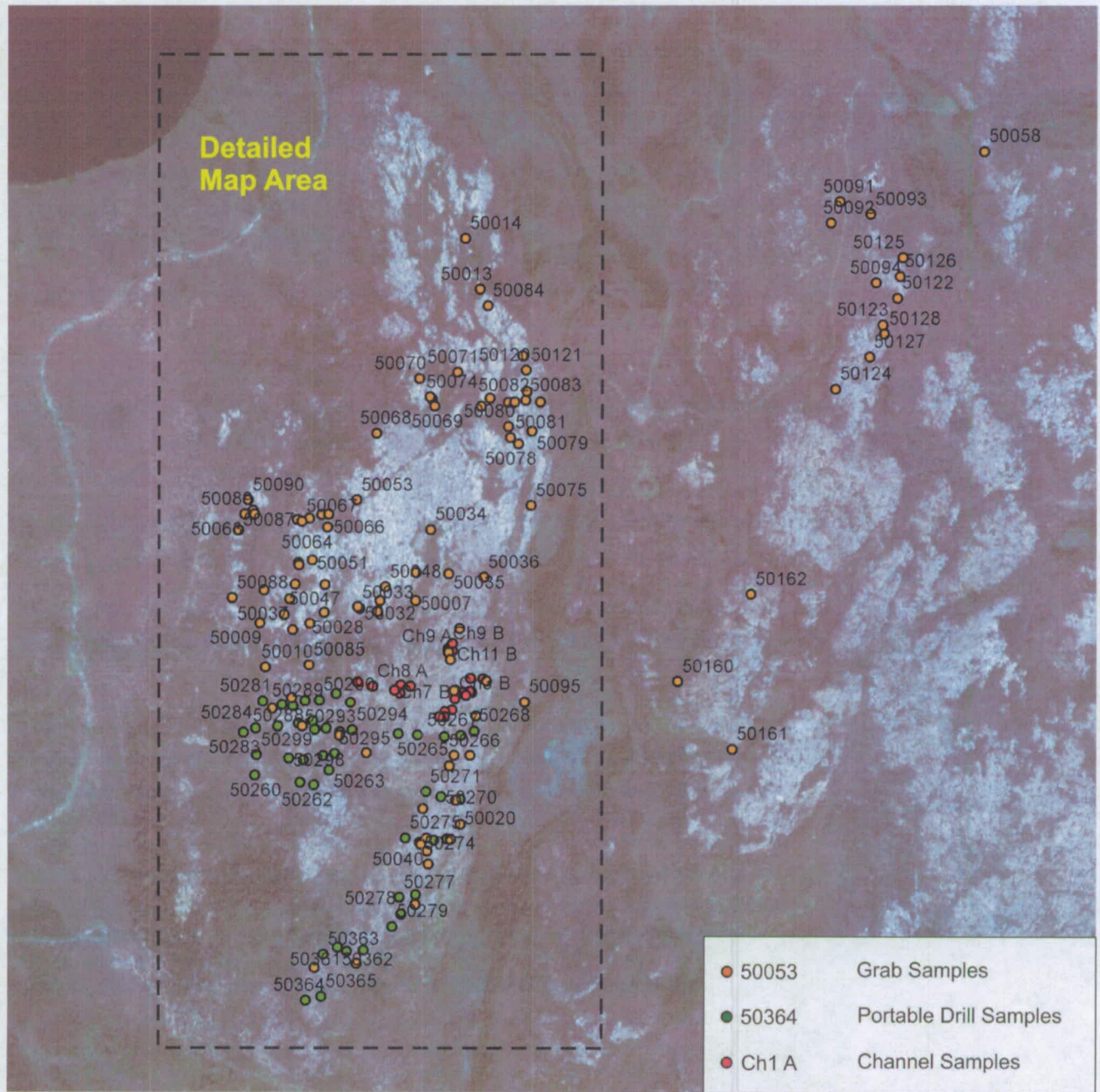




Figure 4: Leaf Rapids core logging facility and core storage area.



Table 2: List of Eden Lake channel samples collected during 2010.

Channel	Length (m)	Azimuth	Initial Point (0.0m)		# of Samples	Sample Number
			Easting	Northing		
Ch1	23.02	273°	428320	6279593	23	50180-50194, 50196-50199, 50200-50203
Ch2	15.20	271°	428299	6279568	17	50204-50218, 50220-50221
Ch2b	2.15	271°	428297	6279570	3	50222-50224
Ch3	20.93	252°	428288	6279563	25	50107-50119, 50140-50151
Ch4	13.32	259°	428263	6279536	13	50152-50159, 50164-50168
Ch5	8.61	270°	428249	6279524	9	50170-50178
Ch6	17.56	277°	428187	6279579	17	50225-50235, 50237-50239, 50240-50242
Ch7	11.58	296°	428168	6279567	13	50243-50255
Ch8	29.10	286°	428118	6279579	28	50257-50259, 50300-50313, 50315-50319, 50320-50325
Ch9	4.95	354°	428256	6279643	3	50326-50328, (overburden between 1.0m and 3.0m)
Ch10	5.98	004°	428259	6279643	7	50329-50335
Ch11	12.85	002°	428264	6279644	16	50336-50339, 50340-50351

## Appendix 2

### Channel sample logs

Project: <u>Eden Lake</u> Location: <u>WG</u> UTM (0.0m): <u>428320E, 6279593N</u> Geologist: <u>CK</u> Channel <u>1</u> Length: <u>23.02m</u> Azimuth: <u>273°</u> Date: <u>19/09/2010</u> Page: <u>1 of 2</u>	
Interval	Description
0.0 to 1.19m	Fenite altered syenite: coarse grained potassium feldspar porphyroblasts with veins and schlieren of pyroxene, apatite and calcite.  82% Feldspar, 15% pyroxene, 2% apatite, 1% calcite.
1.19 to 2.36m	Fenite altered syenite (strong alteration): potassium feldspar porphyroblasts weakly aligned along subhorizontal foliation in a fine grained matrix of pyroxene-apatite-calcite.  65% Potassium feldspar 1-5mm wide; 22% fine grained Pyroxene; 4% fine grained apatite; 4% calcite crystals and blobs, 3% fine grained purple fluorite, 2% amphibole.
2.36 to 3.56m	Fenite altered syenite (strong alteration): 73% Potassium feldspar porphyroblasts 0.1 to 1cm wide; 20% fine grained pyroxene; 3% fine grained apatite; 4% fine grained calcite crystals and veins; trace purple fluorite along calcite veins.
3.56 to 7.9m	Same as 0.0 to 1.19m with coarser potassium feldspar and less pyroxene-apatite.  85% potassium feldspar 0.5-3cm wide; 10% fine grained pyroxene; 2% fine grained apatite; 3% calcite crystals and veins.
7.9 to 15.19m	Fenite altered syenite: 80% fine to medium grained potassium feldspar porphyroblasts; 15% fine grained pyroxene; 2% fine grained apatite; 3% calcite crystals and veins.
15.19 to 20.1m	Same as 2.36 to 3.56m with trace pyrite and no fluorite.
20.1 to 21.0m	Fenite altered syenite (strong alteration): 25-30% Pyroxene, up to 3-4% apatite, 2-3% calcite veins and crystals in a feldspar matrix. Foliation near vertical along E-W trend. Area with vuggy weathered surface.
21.0 to 23.02m	Same as 2.36 to 3.56m with trace pyrite and no fluorite.

Dikes and veins:

- 6.23 to 6.3m: Massive pyroxene vein with apatite, strike 224°, dip 46°(NW).
- 10.05 to 10.12m: Quartz-Feldspar, strike 009°, dip vertical
- 11.84 to 12.04m: Quartz-Feldspar, strike 316°, dip 80°(E)
- 18.0 to 18.2m: Quartz-Feldspar, strike 058°, dip 38° (SE)
- 19.15 to 19.44m: Quartz-Feldspar, strike 196°, dip 58°(W)

**Project:** Eden Lake      **Location:** WG      **UTM (0.0m):** 428320E, 6279593N

**Channel** 1      **Length:** 23.02m      **Azimuth:** 273°      **Date:** 19/09/2010      **Page:** 2 of 2

Samples: Channel 1

- 50180      0.0 to 1.19m
- 50181      1.19 to 2.36m
- 50182      2.36 to 3.0m
- 50183      3.0 to 3.56m
- 50184      3.77 to 5.0m
- 50185      5.15 to 6.1m
- 50186      6.1 to 7.0m
- 50187      7.0 to 7.9m
- 50188      8.0 to 9.0m
- 50189      9.0 to 10.0m
- 50190      10.0 to 11.0m
- 50191      11.0 to 12.0m
- 50192      12.0 to 13.0m
- 50193      13.0 to 14.0m
- 50194      14.0 to 15.19m
- 50196      15.19 to 16.0m
- 50197      16.0 to 17.0m
- 50198      17.0 to 18.0m
- 50199      18.0 to 19.0m
- 50200      19.0 to 20.0m
- 50201      20.0 to 21.0m
- 50202      21.0 to 22.0m
- 50203      22.0 to 23.02m

Project: <u>Eden Lake</u> Location: <u>WG</u> UTM (0.0m): <u>428299E, 6279568N</u> Geologist: <u>CK</u> Channel <u>2A</u> Length: <u>15.2m</u> Azimuth: <u>271°</u> Date: <u>21/09/2010</u> Page: <u>1 of 1</u>	
Interval	Description
1.0 to 15.2m	Fenite altered syenite (strong alteration) with near horizontal foliation. 70% 1-20mm wide feldspars, 25% fine grained pyroxene, 3% fine grained apatite, 2% calcite along veins and within matrix, trace fluorite and trace pyrite. Sparse schlieren of pyroxene-apatite-calcite along foliation up to 2cm wide and 10cm long.
	Dikes: <ul style="list-style-type: none"> <li>- 0.19 to 0.4m: Qtz-Fspar pegmatite, strike 190°, dip vertical</li> <li>- 0.69 to 0.74m: Qtz-Fspar pegmatite, strike 190°, dip 56°(W)</li> <li>- 2.9 to 3.34m: Qtz-Fspar pegmatite, strike 174°, dip vertical</li> <li>- 3.54 to 5.36m: Qtz-Fspar pegmatite, strike 242°, dip vertical</li> <li>- 5.97 to 6.01m: Qtz-Fspar pegmatite, strike 190°, dip vertical</li> <li>- 9.78 to 10.17m: Qtz-Fspar pegmatite, strike 206°, dip 85°(W)</li> <li>- 10.28 to 10.36m: Qtz-Fspar pegmatite, strike 206°, dip vertical</li> <li>- 11.62 to 11.75m: Qtz-Fspar pegmatite, strike 006°, dip 84°(E)</li> <li>- 14.12 to 14.39m: Pegmatitic fenite alt'd syenite, strike 224°, dip 85°(W)</li> </ul>
	Samples: Channel 2A <ul style="list-style-type: none"> <li>- 50204 0.0 to 1.0m</li> <li>- 50205 1.0 to 2.0m</li> <li>- 50206 2.0 to 2.9m</li> <li>- 50207 2.9 to 4.0m</li> <li>- 50208 4.0 to 4.79m</li> <li>- 50209 4.79 to 5.36m</li> <li>- 50210 5.36 to 6.25m</li> <li>- 50211 6.25 to 7.25m</li> <li>- 50212 7.25 to 8.25m</li> <li>- 50213 8.25 to 9.0m</li> <li>- 50214 9.0 to 9.75m</li> <li>- 50215 9.75 to 10.36m</li> <li>- 50216 10.36 to 11.25m</li> <li>- 50217 11.25 to 12.25m</li> <li>- 50218 12.25 to 13.32m</li> <li>- 50220 13.32 to 14.25m</li> <li>- 50221 14.25 to 15.2m</li> </ul>

<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428297E, 6279570N</u> <b>Geologist:</b> <u>CK</u> <b>Channel:</b> <u>2B</u> <b>Length:</b> <u>2.15m</u> <b>Azimuth:</b> <u>271°</u> <b>Date:</b> <u>22/09/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
2.0 to 2.15m	Fenite altered syenite (strong alteration) with near horizontal foliation. 69% feldspars, 25% fine grained pyroxene, 3% fine grained apatite, 2% calcite along veins and within matrix, 1% pyrite and trace fluorite
	Samples: Channel 2B - 50222 0.0 to 0.7m - 50223 0.7 to 1.4m - 50224 1.4 to 2.15m
<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428288E, 6279563N</u> <b>Geologist:</b> <u>CK</u> <b>Channel:</b> <u>3</u> <b>Length:</b> <u>20.93m</u> <b>Azimuth:</b> <u>252°</u> <b>Date:</b> <u>29/08/2010</u> <b>Page:</b> <u>1 of 2</u>	
Interval	Description
3.0 to 12.0m	Fenite altered syenite (intense alteration) with subhorizontal foliation: Feldspar porphyroblasts in a pyroxene-apatite-calcite matrix ± titanite. 60% feldspar 1-3mm wide, 35% fine grained pyroxene, 3% very fine grained apatite, 2% fine grained calcite within matrix and in blobs up to 5cm wide, trace to 0.5% titanite, trace magnetite and trace pyrite.
12.0 to 16.66m	Same as 0.0 to 12.0m with decimeter wide patches of coarse grain feldspar crystals.
16.66 to 20.93m	Fenite altered syenite (intense alteration) with subhorizontal foliation: coarse grained feldspar porphyroblasts in a pyroxene-apatite-calcite matrix. Strong weathering along fractures. 50% feldspar crystals 1-5cm wide, 46% fine grained pyroxene, 3% very fine grained apatite, 1% fine grained calcite within matrix, no magnetite.

Dikes and veins:

- 0.02 to 0.05m: aplite dike, strike 309°, dip 66°(E).
- 0.13 to 0.15m: aplite, dike, strike 215°, dip 51°(W).
- 2.52 to 3.08m: quartz-feldspar, strike 345°, dip 32°(E).
- 3.11 to 3.13m: aplite dike, strike 172°, dip 40°(W).
- 3.60 to 3.62m: pyroxene vein with pegmatitic feldspar selvage, strike 017°, dip 49°(E).
- 3.71 to 3.74m: aplite dike, strike 354°, dip 74°(E).
- 3.82 to 3.9m: pegmatitic feldspar-calcite vein, strike 124°, dip 38°(W).
- 4.29 to 4.32m: aplite dike, strike 012°, dip 62°.
- 4.48 to 4.64m: quartz-feldspar dike, strike 023°, dip 76°(E).
- 5.06 to 5.17m: aplite dike, strike 040°, dip 50°(SE).
- 5.7 to 5.91m: aplite dike, strike 010°, dip 70°(E).
- 12.1 to 12.2m: quartz vein with feldspar-pyroxene selvage, strike 023°, vertical dip.
- 14.9 to 15.01m: aplite dike, strike 018°, dip 80°
- 15.24 to 15.87m: fine grained fenite altered syenite, 90% feldspar, 10% pyroxene, trace magnetite, strike 006°, vertical dip.
- 20.07 to 20.48m: aplite dike, strike 298°, dip 80°(NE)

**Project:** Eden Lake    **Location:** WG    **UTM (0.0m):** 428288E, 6279563N    **Geologist:** CK

**Channel:** 3    **Length:** 20.93m    **Azimuth:** 252°    **Date:** 29/08/2010    **Page:** 2 of 2

	<p>Samples: Channel 3</p> <ul style="list-style-type: none"> <li>- 50107 0.0 to 1.0m</li> <li>- 50108 1.0 to 2.0m</li> <li>- 50109 2.0 to 2.52m</li> <li>- 50110 2.52 to 3.0m</li> <li>- 50111 3.0 to 4.0m</li> <li>- 50112 4.0 to 5.0m</li> <li>- 50113 5.0 to 6.0m</li> <li>- 50114 6.0 to 7.0m</li> <li>- 50115 7.0 to 8.0m</li> <li>- 50116 8.0 to 9.0m</li> <li>- 50117 9.0 to 10.0m</li> <li>- 50118 10.0 to 11.0m</li> <li>- 50119 11.0 to 12.0m</li> <li>- 50140 12.0 to 13.0m</li> <li>- 50141 13.0 to 14.0m</li> <li>- 50142 14.0 to 15.0m</li> <li>- 50143 15.0 to 15.24m</li> <li>- 50144 15.24 to 15.87m</li> <li>- 50145 15.87 to 16.52m</li> <li>- 50146 16.66 to 17.78m</li> <li>- 50147 17.78 to 18.40m</li> <li>- 50148 18.40 to 19.19m</li> <li>- 50149 19.19 to 20.07m</li> <li>- 50150 20.07 to 20.48m</li> <li>- 50151 20.48 to 20.93m</li> </ul>
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<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428263E, 6279536N</u> <b>Geologist:</b> <u>CK</u> <b>Channel</b> <u>4</u> <b>Length:</b> <u>13.32m</u> <b>Azimuth:</b> <u>259°</u> <b>Date:</b> <u>06/09/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
4.0 to 13.32m	<p>Fenite altered syenite (Intense alteration): fine grained feldspar porphyroblasts in a pyroxene-apatite-calcite matrix.</p> <p>50% feldspar, 40% pyroxene, 7% calcite, 3% apatite (very fine grained, subhedral, brownish amber to red), trace titanite.</p>



	<p>Aplite and quartz-feldspar dikes:</p> <ul style="list-style-type: none"> <li>- 3.13 to 3.20m: strike 330°, dip vertical</li> <li>- 5.67 to 6.01m: strike 360°, dip vertical</li> <li>- 7.8 to 7.96m: strike 214°, dip 50°(W)</li> <li>- 10.9 to 10.96m: strike 204°, dip 82°(W)</li> <li>- 11.0 to 11.25m: strike 208°, dip 65°(W)</li> <li>- 12.29 to 12.53m: strike 204°, 60°(W)</li> <li>- 12.91 to 12.93m: strike 152°, 62°(SW)</li> </ul>
	<p>Samples: Channel 4</p> <ul style="list-style-type: none"> <li>- 50152: 0.0 to 1.0m</li> <li>- 50153: 1.0 to 2.0m</li> <li>- 50154: 2.0 to 2.85m</li> <li>- 50155: 3.0 to 4.0m</li> <li>- 50156: 4.0 to 5.0m</li> <li>- 50157: 5.0 to 6.0m</li> <li>- 50158: 6.0 to 7.0m</li> <li>- 50159: 7.0 to 8.0m</li> <li>- 50164: 8.0 to 9.0m</li> <li>- 50165: 9.0 to 10.0m</li> <li>- 50166: 10.0 to 11.0m</li> <li>- 50167: 11.0 to 12.0m</li> <li>- 50168: 12.0 13.32m</li> </ul>

<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428249E, 6279524N</u>    Geologist: <u>CK</u>  Channel <u>5</u>    Length: <u>8.61m</u>    Azimuth: <u>270°</u>    Date: <u>15/09/2010</u>    Page: <u>1 of 1</u></p>	
Interval	Description
5.0 to 8.61m	<p>Fenite altered syenite (intense alteration) with subhorizontal foliation and schlieren of pyroxene-apatite-calcite.</p> <p>61% fine grained feldspar, 32% pyroxene, 3% apatite, 4% calcite clots and mm wide veinlets, trace titanite.</p>

	<p><b>Aplite and quartz-feldspar dikes:</b></p> <ul style="list-style-type: none"> <li>- 0.25 to 0.35m: strike 190°, dip 70°(W)</li> <li>- 1.59 to 1.66m: strike 034°, dip 78°(E)</li> <li>- 4.59 to 4.7m: strike 167°, dip 43°(W)</li> <li>- 4.9 to 5.11m: strike 035°, dip 76°(E)</li> <li>- 6.11 to 6.15m: strike 340°, dip 60°(E)</li> <li>- 6.75 to 6.83m: strike 122°, dip 38°(SW)</li> <li>- 7.12 to 7.17m: strike 131°, dip 16°(SW)</li> <li>- 7.23 to 7.25m: strike 214°, dip 54°(W)</li> <li>- 8.0 to 8.02m: strike 158°, dip 64°(W)</li> <li>- 8.24 to 8.25m: strike 188°, dip 66°(W)</li> </ul>
	<p><b>Samples: Channel 5</b></p> <ul style="list-style-type: none"> <li>- 50170      0.0 to 1.0m</li> <li>- 50171      1.0 to 2.0m</li> <li>- 50172      2.0 to 3.0m</li> <li>- 50173      3.0 to 4.0m</li> <li>- 50174      4.0 to 5.0m</li> <li>- 50175      5.0 to 6.0m</li> <li>- 50176      6.0 to 7.0m</li> <li>- 50177      7.0 to 8.0m</li> <li>- 50178      8.0 to 8.61m</li> </ul>

<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428187E, 6279579N</u> <b>Geologist:</b> <u>CK</u>	
<b>Channel</b> <u>6</u> <b>Length:</b> <u>17.56m</u> <b>Azimuth:</b> <u>277°</u> <b>Date:</b> <u>23/09/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
0.0 to 7.65m	Fenite altered syenite (intense alteration): 65% feldspar 0.5 to 1.5cm wide, 30% fine grained pyroxene, 3% fine grained apatite and 2% calcite within matrix and along fractures. Strong weathering along subhorizontal foliation between 0.84 - 2.0m.
7.65 to 10.7m	Same as 0.0 to 7.65 with 1-3mm wide feldspar crystals.
10.7 to 11.7m	Overburden

11.7 to 17.56m	<p>Fine grained fenite altered syenite (strong alteration) with pyroxene-apatite schlieren along subhorizontal foliation:</p> <p>75% feldspar, 22% pyroxene, 2% apatite, 1% calcite and trace fluorite.</p>
	<p>Dikes:</p> <ul style="list-style-type: none"> <li>- 0.42 to 0.57m: aplite, strike 181°, dip 72°(W)</li> <li>- 3.76 to 4.85m: quartz-feldspar, strike 054°, dip 70°(SE)</li> <li>- 7.86 to 8.07m: aplite, strike 331°, dip 61°(E)</li> <li>- 8.22 to 8.32m: quartz-feldspar, strike 016°, dip 60°(E)</li> <li>- 9.46 to 9.71m: quartz-feldspar, strike 334°, dip 12°(E)</li> </ul>
	<p>Samples: Channel 6</p> <ul style="list-style-type: none"> <li>- 50225 0.0 to 1.0m</li> <li>- 50226 1.0 to 2.0m</li> <li>- 50227 2.0 to 3.0m</li> <li>- 50228 3.0 to 3.76m</li> <li>- 50229 3.76 to 4.85m</li> <li>- 50230 4.85 to 6.0m</li> <li>- 50231 6.0 to 7.0m</li> <li>- 50232 7.0 to 8.0m</li> <li>- 50233 8.0 to 9.0m</li> <li>- 50234 9.0 to 10.0m</li> <li>- 50235 10.0 to 10.7m</li> <li>- 50237 11.7 to 12.4m</li> <li>- 50238 12.4 to 13.88m</li> <li>- 50239 13.88 to 15.0m</li> <li>- 50240 15.0 to 16.0m</li> <li>- 50241 16.0 to 17.0m</li> <li>- 50242 17.0 to 17.56m</li> </ul>

<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428168E, 6279567N</u>    Geologist: <u>CK</u>  Channel <u>7</u>    Length: <u>11.58m</u>    Azimuth: <u>296°</u>    Date: <u>25/09/2010</u>    Page: <u>1 of 1</u></p>	
Interval	Description
0.0 to 11.58m	<p>Fenite altered syenite (strong alteration) with near horizontal foliation:</p> <p>65% fine to coarse grained feldspar, 27% fine grained pyroxene, 3% apatite, 5% calcite within matrix and along fractures.</p>

	<p>Dikes:</p> <ul style="list-style-type: none"> <li>- 0.0 to 0.36m: quartz-feldspar pegmatite, strike 054°, dip 80°(SE).</li> <li>- 0.66 to 0.87m: quartz-feldspar pegmatite, strike 054°, dip 80°(SE).</li> <li>- 1.45 to 1.49m: quartz-feldspar pegmatite, strike 198°, dip 75°(W).</li> <li>- 2.53 to 2.57m: quartz-feldspar pegmatite, strike 199°, dip 80°(W).</li> <li>- 4.97 to 5.28m: fenite altered syenite dike, strike 203°, vertical dip.</li> <li>- 5.87 to 6.74m: fenite altered syenite dike, strike 193°, vertical dip.</li> <li>- 7.27 to 7.32m: quartz-feldspar, strike 180°, dip 40°(W).</li> <li>- 7.58 to 7.7m: quartz-feldspar, strike 075°, dip 40°(SE).</li> <li>- 7.77 to 8.74m: Pegmatitic fenite altered syenite: 78% feldspar, 15% pyroxene, 5% fluorite, 2% apatite, trace titanite, weathered along calcite clots and veins, strike 226°, dip unknown.</li> <li>- 8.74 to 9.5m: Pegmatitic syenite: 94% feldspar, 5% pyroxene, 1% apatite, strike 226°, dip unknown</li> <li>- 10.5 to 10.71m: quartz-feldspar dike, strike 062°, dip 65°(SE)</li> <li>- 11.41 to 11.58m: quartz-feldspar dike, strike 100°, dip 64°(S)</li> </ul>														
	<p>Samples: Channel 7</p> <table border="0" style="width: 100%;"> <tr> <td>- 50243 0.0 to 0.87m</td> <td>- 50250 6.37 to 6.91m</td> </tr> <tr> <td>- 50244 0.87 to 1.7m</td> <td>- 50251 6.91 to 7.77m</td> </tr> <tr> <td>- 50245 1.7 to 2.53m</td> <td>- 50252 7.77 to 8.74m</td> </tr> <tr> <td>- 50246 2.53 to 3.5m</td> <td>- 50253 8.74 to 9.5m</td> </tr> <tr> <td>- 50247 3.5 to 4.4m</td> <td>- 50254 9.5 to 10.5m</td> </tr> <tr> <td>- 50248 4.4 to 5.0m</td> <td>- 50255 10.5 to 11.58m</td> </tr> <tr> <td>- 50249 5.0 to 6.17m</td> <td></td> </tr> </table>	- 50243 0.0 to 0.87m	- 50250 6.37 to 6.91m	- 50244 0.87 to 1.7m	- 50251 6.91 to 7.77m	- 50245 1.7 to 2.53m	- 50252 7.77 to 8.74m	- 50246 2.53 to 3.5m	- 50253 8.74 to 9.5m	- 50247 3.5 to 4.4m	- 50254 9.5 to 10.5m	- 50248 4.4 to 5.0m	- 50255 10.5 to 11.58m	- 50249 5.0 to 6.17m	
- 50243 0.0 to 0.87m	- 50250 6.37 to 6.91m														
- 50244 0.87 to 1.7m	- 50251 6.91 to 7.77m														
- 50245 1.7 to 2.53m	- 50252 7.77 to 8.74m														
- 50246 2.53 to 3.5m	- 50253 8.74 to 9.5m														
- 50247 3.5 to 4.4m	- 50254 9.5 to 10.5m														
- 50248 4.4 to 5.0m	- 50255 10.5 to 11.58m														
- 50249 5.0 to 6.17m															

<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428118E, 6279579N</u> <b>Geologist:</b> <u>CK</u> <b>Channel</b> <u>8</u> <b>Length:</b> <u>29.1m</u> <b>Azimuth:</b> <u>286°</u> <b>Date:</b> <u>26/09/2010</u> <b>Page:</b> <u>1 of 2</u>	
Interval	Description
0.0 to 0.6m	Quartz syenite dike: 85% feldspar, 10% quartz, 5% pyroxene, strike 222°, dip 80° (W)
0.6 to 1.59m	Fenite altered syenite (intense alteration) with pyroxene schlieren: 62% fine grained feldspar porphyroblasts, 30% pyroxene, 3% apatite, 5% calcite clots and veins.

1.59 to 2.75m	Quartz syenite dike: 85% feldspar, 15% quartz, strike 040°, dip 73°(SE)
2.75 to 16.4m	Fenite altered syenite (intense alteration), medium to coarse grained feldspar porphyroblasts in a pyroxene-apatite-calcite matrix. 60% feldspar, 31% pyroxene, 4% apatite, 5% calcite. Strong weathering along calcite veins and within matrix.
16.4 to 16.64m	Syenite fenite dike, strike 142°, dip 60°(SW)
16.64 to 18.71m	Overburden
18.71 to 19.93m	Same as 0.6 to 1.59m
19.93 to 21.75m	Fine grained fenite altered syenite: 91% feldspar, 8.5% pyroxene and 0.5% apatite.
21.75 to 29.1m	Same as 0.6 to 1.59m.
	<p>Dikes and veins:</p> <ul style="list-style-type: none"> <li>- 3.61 to 3.75m: aplite dike, strike 010°, dip 85°(E).</li> <li>- 4.29 to 4.73m: quartz-feldspar dike, strike 180°, dip 75°(W).</li> <li>- 7.26 to 7.33m: quartz-actinolite-magnetite vein, strike 089°, vertical dip.</li> <li>- 7.47 to 7.61m: aplite dike, strike 179°, dip 70°(W).</li> <li>- 7.95 to 8.35m: fenite altered syenite (strong alteration), 80% feldspar, 20% pyroxene, approximate strike north, dip 60°(E).</li> <li>- 8.62 to 8.71m: aplite dike, strike 351°, dip 46°(E).</li> <li>- 9.33 to 9.56m: quartz syenite dike: 85% feldspar, 10% quartz, 5% weathered pyroxene, strike 159°, vertical dip.</li> <li>- 10.41 to 11.19: fenite altered syenite mixed with quartz-feldspar dike, strike 179°, vertical dip</li> <li>- 16.40 to 16.64m: fenite altered syenite, strike 142°, dip 60°(W)</li> <li>- 23.03 to 23.91m: fenite altered syenite (strong alteration), strike 217°, dip not determined.</li> </ul>
<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428118E, 6279579N</u>    Geologist: <u>CK</u>  Channel: <u>8</u>    Length: <u>29.1m</u>    Azimuth: <u>286°</u>    Date: <u>26/09/2010</u>    Page: <u>2 of 2</u></p>	

	<p>Dikes and veins:</p> <ul style="list-style-type: none"> <li>- 24.36 to 24.58m: quartz-feldspar dike, strike 203°, vertical dip</li> <li>- 27.6 to 27.95m: fenite altered syenite: 93% feldspar, 5% pyroxene, 1% coarse grained fluorite and 1% calcite, strike 040°, dip 70°(SE)</li> <li>- 28.07 to 28.51m: quartz-feldspar dike, strike 161°, dip 50°(W)</li> </ul>
	<p>Samples: Channel 8</p> <ul style="list-style-type: none"> <li>- 50257 0.0 to 0.6m</li> <li>- 50258 0.6 to 1.59m</li> <li>- 50259 1.59 to 2.75m</li> <li>- 50300 2.75 to 3.61m</li> <li>- 50301 3.61 to 4.73m</li> <li>- 50302 4.73 to 5.6m</li> <li>- 50303 5.6 to 6.5m</li> <li>- 50304 6.5 to 7.15m</li> <li>- 50305 7.15 to 8.15m</li> <li>- 50306 8.15 to 9.32m</li> <li>- 50307 9.32 to 10.43m</li> <li>- 50308 10.43 to 11.2m</li> <li>- 50309 11.2 to 12.0m</li> <li>- 50310 12.0 to 13.0m</li> <li>- 50311 13.0 to 14.0m</li> <li>- 50312 14.0 to 15.0m</li> <li>- 50313 15.0 to 16.64m</li> <li>- 50315 18.71 to 19.94m</li> <li>- 50316 19.94 to 21.0m</li> <li>- 50317 21.0 to 21.75m</li> <li>- 50318 21.75 to 22.60m</li> <li>- 50319 22.6 to 23.84m</li> <li>- 50320 23.84 to 24.58m</li> <li>- 50321 24.58 to 25.51m</li> <li>- 50322 25.51 to 26.50m</li> <li>- 50323 26.5 to 27.6m</li> <li>- 50324 27.59 to 28.54m</li> <li>- 50325 28.54 to 29.1m</li> </ul>



Project: Eden Lake Location: WG UTM (0.0m): 428256E, 6279643N Geologist: CK  
 Channel 9 Length: 4.95m Azimuth: 354° Date: 11/10/2010 Page: 1 of 1

Interval	Description
6.0 to 1.0m	Fenite altered syenite with subhorizontal foliation: 63% coarse to medium grained feldspar, 20% mixed amphibole and pyroxene, 15% calcite, 2% apatite and trace magnetite.
1.0 to 3.0m	Overburden
3.0 to 4.1m	Quartz syenite with allanite-calcite blobs. 73% fine to medium grained quartz syenite with strong reddish hematite staining along fractures and in-between crystals, 15% black to dark amber colored blobs of allanite mixed with 10% fine grained calcite, 2%apatite.
4.1 to 4.85m	Fine grained quartz syenite with 1-3% coarse grained calcite and <1% very fine grained titanite-allanite. Strong weathering along calcite veins and blobs.
4.85 to 4.95m	Pegmatitic syenite: 95% feldspar, 5% weathered pyroxene blobs and trace fluorite.
	Samples: Channel 9 <ul style="list-style-type: none"> <li>- 50326 0.0 to 1.0m</li> <li>- 50327 3.0 to 4.1m</li> <li>- 50328 4.1 to 4.95m</li> </ul>

Project: Eden Lake Location: WG UTM (0.0m): 428259E, 6279643N Geologist: CK  
 Channel 10 Length: 5.98m Azimuth: 004° Date: 11/10/2010 Page: 1 of 1

Interval	Description
0.0 to 2.2m	Quartz syenite with allanite-calcite blobs. 73% fine to medium grained quartz syenite with strong reddish hematite staining along fractures and in-between crystals, 15% black to dark amber colored blobs of allanite mixed with 10% fine grained calcite, 2% apatite.
2.2 to 4.96m	Fenite altered syenite with schlieren of pyroxene-amphibole-calcite (foliation: strike west, dip 34°N) 85% fine to coarse grained feldspar, 11% pyroxene-amphibole, 3% apatite and 1% calcite.
4.96 to 5.98m	Fine to medium grained quartz syenite: 80% feldspar, 10% quartz, 7% pyroxene, 2% calcite, 1% apatite and trace titanite.

	<p><b>Dikes:</b></p> <ul style="list-style-type: none"> <li>- 2.43 to 2.48m: aplite dike, strike 310°, dip 70°(NE).</li> <li>- 5.23 to 5.4m: pegmatitic alkali feldspar dike, strike NE, dip vertical.</li> </ul>
	<p><b>Samples: Channel 10</b></p> <ul style="list-style-type: none"> <li>- 50329 0.0 to 1.0m</li> <li>- 50330 1.0 to 1.55m</li> <li>- 50331 1.55 to 2.2m</li> <li>- 50332 2.2 to 3.0m</li> <li>- 50333 3.0 to 4.0m</li> <li>- 50334 4.0 to 4.98m</li> <li>- 50335 4.96 to 5.98m</li> </ul>

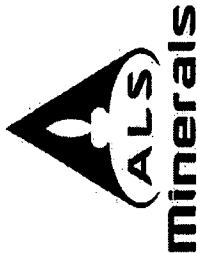
<p><b>Project:</b> <u>Eden Lake</u>    <b>Location:</b> <u>WG</u>    <b>UTM (0.0m):</b> <u>428264E, 6279644N</u>    <b>Geologist:</b> <u>CK</u>  <b>Channel</b> <u>11</u>    <b>Length:</b> <u>12.85m</u>    <b>Azimuth:</b> <u>002°</u>    <b>Date:</b> <u>12/10/2010</u>    <b>Page:</b> <u>1 of 1</u></p>	
Interval	Description
0.0 to 0.5m	<p>Quartz syenite with allanite-calcite blobs.</p> <p>73% fine to medium grained quartz syenite with strong reddish hematite staining along fractures and in-between crystals, 15% black to dark amber colored blobs of allanite (0.2 to 2cm wide), 10% calcite, and 2% apatite.</p>
0.5 to 1.5m	<p>Fenite altered syenite (strong alteration):</p> <p>68% Feldspar, 15% pyroxene; 15% weathered calcite veins, 2% apatite ± allanite.</p>
1.5 to 4.3m	<p>Same as 0.0 to 0.5m with varying amounts of allanite.</p>
4.3 to 6.52m	<p>Fenite altered syenite with schlieren of pyroxene-amphibole-calcite:</p> <p>82% fine to coarse grained feldspar, 15% pyroxene-amphibole, 2% apatite and 1 % calcite.</p>
6.52 to 12.85m	<p>Fenite altered syenite:</p> <p>90% feldspar, 7% pyroxene, 2% calcite, 1% apatite and trace titanite.</p>

Samples: Channel 11

- 50336 0.0 to 0.5m
- 50337 0.5 to 1.5m
- 50338 1.5 to 2.3m
- 50339 2.3 to 3.0m
- 50340 3.0 to 3.66m
- 50341 3.74 to 4.3m
- 50342 4.3 to 5.15m
- 50343 5.15 to 6.0m
- 50344 6.0 to 6.5m
- 50345 6.5 to 7.5m
- 50346 7.5 to 8.6m
- 50347 8.6 to 9.6m
- 50348 9.6 to 10.4m
- 50349 10.4 to 11.1m
- 50350 11.1 to 12.0m
- 50351 12.0 to 12.85m

## Appendix 3

### Ten Assay Certificates



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

To: MEDALLION RESOURCES LTD  
 1160- 595 HOWE STREET  
 VANCOUVER BC V6C 2T5

Page: 1  
 Finalized Date: 16- AUG- 2010  
 This copy reported on  
 28- APR- 2011  
 Account: MEDRES

**CERTIFICATE VA10102863**

Project: Eden Lake  
 P.O. No.:  
 This report is for 100 Rock samples submitted to our lab in Vancouver, BC, Canada  
 on 29- JUL- 2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

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

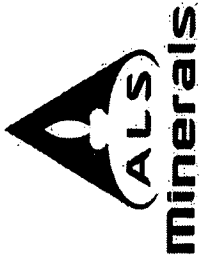
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- AQ81	Base Metals by Aqua Regia dig.	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
 #1160- 595 HOWE ST.  
 VANCOUVER BC V6C 2B3

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

**Signature:**

Colin Ramshaw, Vancouver Laboratory Manager



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

To: MEDALLION RESOURCES LTD  
 1160-595 HOWE STREET  
 VANCOUVER BC V6C 2T5

Page: 2 - A  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
52000	3.04	<1	5080	256	6.5	10	1.80	6	7.26	2.77	5.68	16.4	18.40	4.1	1.04
52001	1.60	<1	3530	318	10.3	10	0.94	30	6.93	2.71	5.86	19.7	18.75	3.7	1.01
52002	2.02	<1	1630	97.1	2.7	30	0.68	10	2.39	1.02	1.81	20.8	5.82	2.4	0.37
52003	0.68	<1	1710	265	4.2	<10	2.58	15	7.25	2.89	5.54	22.7	17.90	2.9	1.09
52004	1.54	<1	924	149.5	1.6	<10	1.80	7	4.26	1.72	3.34	27.9	10.60	4.2	0.65
52005	0.64	<1	810	277	1.2	20	1.09	15	6.11	2.82	4.67	23.9	15.80	4.4	0.98
52006	0.70	<1	2600	217	1.6	<10	1.37	<5	6.77	2.82	5.15	19.6	16.25	2.4	1.06
52007	2.36	<1	1715	135.0	3.6	<10	1.08	<5	4.21	1.74	3.25	23.0	10.50	4.5	0.64
52009	0.62	<1	1035	18.5	0.5	40	1.37	<5	0.75	0.39	0.35	20.8	1.29	3.1	0.14
52010	0.28	<1	1075	68.2	31.0	20	0.89	21	5.02	2.99	2.00	20.1	6.32	5.9	1.00
50000	2.76	<1	3160	606	7.3	20	0.64	<5	13.35	5.07	11.45	18.0	38.0	2.4	1.95
50001	1.40	<1	4540	349	4.4	<10	2.66	<5	7.40	2.80	6.45	14.0	20.7	2.2	1.10
50002	2.88	<1	1380	31.5	0.8	10	1.32	5	1.12	0.61	0.52	18.2	1.87	4.2	0.20
50003	2.18	<1	3050	2010	11.6	10	0.39	<5	48.1	17.65	41.4	21.2	137.0	3.4	6.80
50004	1.34	<1	1185	109.5	1.3	<10	0.77	<5	2.63	1.17	1.80	23.6	6.14	4.9	0.42
50005	4.80	<1	3480	>10000	3.6	<10	0.37	<5	30.8	20.5	56.5	71.3	331	1.9	4.03
50006	2.70	<1	4340	345	6.7	10	0.70	10	9.28	3.44	7.65	17.4	24.1	4.0	1.36
50007	1.58	<1	1520	93.3	2.1	10	0.73	<5	2.39	1.02	1.79	21.3	5.76	5.0	0.38
50008	3.04	<1	937	246	34.1	90	0.26	53	9.06	3.48	6.97	14.0	21.0	7.5	1.32
50009	4.82	<1	3300	325	8.9	10	0.56	10	9.13	3.75	6.84	21.4	21.4	11.4	1.45
50010	5.08	<1	5870	412	7.8	10	1.17	7	10.70	4.15	8.34	21.8	26.3	6.9	1.57
50011	4.22	<1	4160	355	6.1	10	0.72	<5	8.48	3.35	7.14	18.3	23.0	3.2	1.25
50012	2.70	<1	2320	391	5.7	<10	2.30	22	7.84	3.37	5.78	23.0	19.60	9.9	1.20
50013	4.74	<1	2930	265	2.9	10	1.46	<5	7.64	2.71	6.51	18.6	20.4	2.5	1.08
50014	2.82	<1	1760	331	8.1	10	1.09	<5	9.92	3.74	7.96	15.8	24.7	11.4	1.44
50015	3.44	<1	1310	1395	27.0	<10	0.41	5	38.1	13.55	30.5	19.3	98.2	4.8	5.32
50016	2.56	<1	5570	426	10.8	10	0.84	5	11.75	4.12	10.00	15.0	30.6	3.5	1.67
50017	3.08	<1	6230	777	14.8	10	0.78	9	19.55	7.36	15.70	16.7	50.4	5.9	2.86
50018	2.18	<1	6910	763	11.6	10	0.71	10	15.25	5.78	12.85	17.5	42.1	5.6	2.19
50019	4.06	<1	6120	431	9.7	<10	0.55	<5	12.15	4.53	9.70	16.8	30.5	6.5	1.77
50020	2.00	<1	6830	381	8.3	10	0.91	27	9.91	3.73	8.32	15.6	25.5	4.4	1.45
50021	1.86	<1	4140	438	15.1	10	2.16	15	10.05	3.98	8.24	18.4	27.1	6.0	1.50
50022	1.54	<1	1395	113.0	1.8	10	0.53	<5	3.30	1.19	2.22	22.2	7.93	2.2	0.47
50023	1.44	<1	3080	421	10.8	20	0.75	11	11.35	4.28	9.39	18.9	29.9	7.5	1.64
50024	2.02	<1	5660	770	13.2	10	0.63	<5	17.60	6.63	14.90	16.5	47.8	4.0	2.58
50025	1.08	<1	3670	217	3.7	10	1.18	<5	7.09	2.41	5.42	17.1	16.50	2.2	0.96
50026	1.96	<1	1130	1740	12.5	10	0.03	<5	37.7	13.80	31.9	12.3	108.0	4.1	5.29
50027	2.34	<1	3300	592	6.7	<10	0.61	<5	13.50	5.11	10.90	17.3	37.2	3.8	1.94
50028	2.98	<1	4100	479	5.8	10	0.29	<5	10.35	4.10	8.47	16.0	28.8	2.2	1.49
50029	1.84	<1	4530	410	9.6	10	0.59	20	9.04	3.57	7.48	20.6	24.4	5.1	1.31

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.





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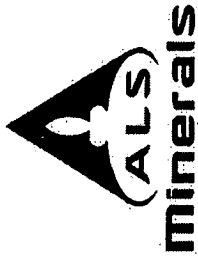
Page: 2 - B  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
Sample Description	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR	LOR
52000	98.1	0.23	<2	22.8	140.5	13	24	34.1	137.5	24.2	1	2670	1.3	1.98	9.90
52001	143.5	0.18	<2	16.2	145.5	<5	28	38.3	77.8	23.1	1	3140	1.0	1.90	11.60
52002	43.1	0.09	<2	8.2	41.6	<5	8	11.10	75.4	6.95	1	797	0.9	0.62	8.49
52003	108.0	0.24	2	18.6	127.5	<5	20	31.8	179.5	22.3	1	1265	1.1	1.92	33.3
52004	66.5	0.15	<2	17.5	76.2	<5	17	19.10	116.5	12.95	1	1305	0.8	1.14	17.50
52005	117.5	0.27	<2	18.6	128.5	<5	13	33.7	82.9	19.70	1	1095	0.7	1.64	32.3
52006	98.4	0.21	<2	17.2	114.5	<5	20	27.7	139.0	19.80	1	2880	1.1	1.77	7.43
52007	58.3	0.18	<2	14.5	73.5	<5	12	17.45	126.0	12.80	1	793	0.9	1.16	11.30
52009	9.2	0.06	<2	6.5	7.4	<5	28	2.07	135.0	1.34	1	590	0.8	0.16	6.38
52010	33.8	0.41	<2	12.5	32.5	22	21	8.15	52.1	6.16	1	552	0.7	0.92	3.98
50000	259	0.37	<2	26.5	301	<5	11	75.3	85.8	47.8	1	1690	1.3	3.84	42.3
50001	172.5	0.17	<2	13.4	158.5	<5	32	41.7	96.6	24.7	<1	5030	1.0	2.09	6.13
50002	45.0	0.07	<2	6.7	11.0	<5	20	3.14	152.0	1.98	1	444	0.7	0.25	14.10
50003	792	1.05	<2	27.4	1095	<5	18	263	54.2	175.5	2	3400	1.2	14.15	103.0
50004	47.1	0.14	<2	13.2	46.2	<5	6	12.45	125.5	7.35	1	629	1.1	0.68	40.6
50005	>10000	0.52	<2	14.1	4100	<5	53	>1000	33.4	311	1	6560	0.4	18.70	314
50006	138.5	0.23	<2	23.6	180.0	<5	19	45.5	91.3	30.1	1	3450	1.3	2.54	15.65
50007	37.8	0.10	<2	8.5	42.1	<5	7	11.10	97.0	7.01	1	524	0.6	0.63	12.60
50008	77.2	0.49	<2	20.4	154.0	58	12	35.5	29.8	28.3	2	1025	1.0	2.45	10.25
50009	136.0	0.29	<2	18.4	163.0	<5	33	41.4	65.5	26.8	1	3020	1.2	2.41	13.95
50010	179.5	0.28	<2	22.3	207	14	42	52.2	118.0	33.9	2	3010	1.3	2.91	19.20
50011	153.5	0.25	<2	23.6	184.0	<5	10	45.4	93.5	30.0	1	2390	1.2	2.42	24.5
50012	156.5	0.26	<2	24.4	164.5	<5	41	44.1	91.1	25.2	1	2620	1.4	2.10	22.8
50013	99.0	0.20	<2	15.6	156.0	<5	14	37.3	114.0	27.2	1	1615	1.0	2.21	18.60
50014	131.5	0.46	<2	55.7	188.5	<5	12	45.2	118.0	33.5	3	758	2.0	2.71	10.65
50015	504	0.96	<2	64.4	759	7	9	185.0	49.5	132.5	3	1110	3.0	10.65	73.3
50016	170.5	0.29	<2	33.5	242	<5	19	57.5	103.5	41.4	2	3410	1.8	3.28	13.50
50017	350	0.49	<2	46.0	384	5	24	96.7	72.6	66.2	2	4170	2.4	5.39	28.0
50018	374	0.39	<2	33.9	345	<5	20	89.3	91.2	55.0	2	4140	1.9	4.35	32.3
50019	172.5	0.32	<2	34.3	230	<5	14	56.1	85.4	40.4	2	3720	1.9	3.28	21.4
50020	163.0	0.26	<2	29.9	202	<5	39	50.2	108.0	34.6	1	3500	1.7	2.75	13.80
50021	184.0	0.26	<2	25.3	222	11	5	56.1	110.0	36.0	2	3470	1.4	2.83	9.36
50022	43.9	0.11	<2	14.0	63.4	<5	5	15.25	91.2	11.40	1	448	0.8	0.90	8.19
50023	163.5	0.41	<2	32.0	233	9	13	57.1	95.5	39.8	2	1805	1.6	3.23	23.1
50024	335	0.47	<2	29.1	388	<5	16	96.9	84.8	63.2	1	3020	1.5	4.97	42.5
50025	83.3	0.18	<2	40.4	127.0	5	20	30.1	123.5	22.5	1	1230	1.3	1.90	58.2
50026	751	0.84	<2	29.3	883	5	27	222	4.2	139.5	2	5970	1.5	10.90	43.2
50027	257	0.39	<2	15.1	298	<5	17	73.2	106.0	46.8	1	2060	0.7	3.81	24.0
50028	220	0.31	<2	17.9	235	<5	8	59.3	104.5	37.0	1	1810	1.0	2.94	23.5
50029	178.5	0.24	<2	14.2	200.0	5	39	51.4	82.4	31.6	2	3240	0.9	2.51	14.10

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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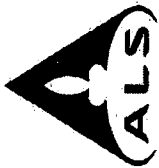
Page: 2 - C  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0102863**

Method Analyte Units LOR	ME-MS81 ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
52000	0.8	0.30	4.29	58	1	27.4	1.66	97	178	59.9	15.00	3.89	5.71	1.22	4.30
52001	0.5	0.28	3.97	78	1	28.2	1.41	101	151	58.7	15.10	4.94	5.93	1.64	5.48
52002	<0.5	0.11	10.85	18	5	9.7	0.61	41	84	67.1	16.20	1.68	0.75	0.06	6.31
52003	0.8	0.31	25.9	27	6	29.3	1.70	86	123	57.0	17.50	2.50	3.77	0.61	3.85
52004	0.6	0.19	8.23	21	6	18.7	1.10	195	195	59.3	17.35	1.29	4.84	0.45	4.86
52005	0.5	0.34	6.02	38	5	29.9	1.91	58	193	63.0	15.85	2.41	3.00	0.06	5.40
52006	0.6	0.31	6.88	21	1	28.7	1.68	58	113	54.2	14.65	1.91	10.05	0.79	3.92
52007	0.6	0.20	8.36	21	2	17.5	1.23	57	194	64.9	16.20	1.96	2.20	0.27	5.28
52009	0.6	0.05	8.94	9	1	4.3	0.38	29	78	72.6	13.70	0.96	0.90	0.15	4.86
52010	<0.5	0.43	5.59	161	1	25.7	2.70	121	245	53.1	16.25	9.69	7.13	3.50	5.55
50000	0.5	0.48	8.13	73	2	50.8	2.64	167	91	58.8	13.85	4.87	7.16	1.55	4.83
50001	0.8	0.27	1.41	48	1	27.3	1.41	107	91	53.5	19.95	4.48	6.50	0.80	5.89
50002	0.7	0.08	2.44	13	2	6.8	0.50	29	145	72.6	14.00	1.48	0.14	0.14	3.90
50003	<0.5	1.62	25.8	99	2	171.0	8.26	289	126	42.3	6.46	7.47	21.8	2.42	2.92
50004	0.6	0.14	7.22	17	1	12.3	0.90	62	206	69.8	15.00	1.86	1.26	0.28	5.65
50005	<0.5	0.89	16.15	62	1	99.3	4.75	88	69	43.4	14.50	3.95	15.05	0.24	4.73
50006	0.6	0.33	4.38	63	1	34.7	1.79	91	149	59.3	15.45	3.85	5.19	1.30	4.59
50007	0.5	0.12	4.84	23	2	10.7	0.69	56	225	58.3	15.25	1.88	1.36	0.40	5.84
50008	<0.5	0.42	3.17	216	1	32.6	2.86	298	286	54.8	5.88	11.95	13.65	5.43	3.48
50009	0.5	0.41	4.51	85	1	38.5	2.15	148	700	58.7	16.25	5.86	5.05	1.37	5.89
50010	0.8	0.44	6.58	61	2	41.7	2.20	136	290	56.8	15.80	5.16	4.58	1.69	4.41
50011	0.6	0.32	8.08	63	1	33.6	1.81	102	138	59.7	14.60	3.96	5.73	1.70	4.65
50012	0.5	0.38	10.85	58	2	31.7	2.13	151	527	60.2	17.50	5.02	2.36	0.99	6.91
50013	0.7	0.26	2.50	26	1	24.5	1.48	92	79	62.1	15.30	2.35	4.01	0.63	5.47
50014	0.6	0.43	4.47	63	1	35.1	2.80	344	517	56.1	8.95	7.29	11.75	5.01	2.60
50015	<0.5	1.35	17.00	172	1	133.0	7.20	331	239	49.7	5.93	12.65	15.85	3.93	3.42
50016	0.6	0.39	4.05	91	1	42.6	2.07	111	131	56.2	13.10	5.51	8.66	1.91	3.86
50017	<0.5	0.73	7.89	133	2	76.8	3.85	152	225	52.3	11.80	7.64	11.15	2.97	4.12
50018	0.6	0.56	7.04	108	1	60.0	2.95	169	234	54.5	12.45	6.66	9.16	2.80	3.82
50019	0.6	0.45	5.46	88	1	46.6	2.42	126	292	57.2	13.95	5.22	6.41	1.55	4.05
50020	0.7	0.37	4.17	61	1	37.9	1.89	95	172	56.4	14.30	4.47	6.46	1.61	3.95
50021	0.8	0.40	4.21	110	1	40.6	2.08	160	214	52.9	15.85	7.22	5.76	2.74	4.41
50022	0.5	0.12	2.25	21	2	11.7	2.15	70	80	70.0	12.05	1.61	1.20	0.31	5.36
50023	0.6	0.46	6.12	90	1	41.6	2.64	175	312	56.4	12.05	7.10	8.14	2.37	4.26
50024	0.5	0.66	9.15	109	1	70.7	3.47	153	165	50.9	10.60	6.69	12.75	2.66	3.24
50025	0.8	0.23	21.7	37	1	21.7	1.34	97	79	67.1	13.25	2.99	2.78	0.84	4.11
50026	<0.5	1.17	8.12	136	1	140.0	6.87	179	174	23.5	1.44	7.41	37.7	2.87	1.45
50027	0.7	0.46	5.31	67	1	50.2	2.78	137	155	56.2	12.90	4.70	8.48	1.32	4.54
50028	0.6	0.37	6.11	60	1	41.1	2.31	113	87	58.7	13.50	3.81	6.84	1.70	4.34
50029	0.5	0.33	4.18	94	1	35.5	1.94	135	216	59.9	15.55	5.25	5.18	1.65	6.19

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 2 - D  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
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**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-AQ81		ME-AQ81		ME-AQ81	
		K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %	Au ppm	Pt ppm	Pd ppm	Ag ppm	As ppm	Cd ppm	As ppm	Ag ppm	Cd ppm
52000		6.43	<0.01	0.47	0.12	0.33	0.33	0.61	1.40	98.7									
52001		4.29	<0.01	0.95	0.07	0.72	0.40	0.42	1.19	99.8									
52002		3.94	<0.01	0.26	0.02	0.09	0.10	0.20	2.00	98.7									
52003		6.64	<0.01	0.30	0.10	0.30	0.16	0.21	5.07	98.0									
52004		5.48	<0.01	0.16	0.05	0.34	0.16	0.11	4.90	99.3									
52005		4.92	<0.01	0.25	0.05	0.09	0.14	0.10	2.69	98.0									
52006		6.93	<0.01	0.20	0.08	0.26	0.35	0.33	7.58	101.5									
52007		6.15	<0.01	0.17	0.08	0.21	0.10	0.22	2.10	99.8									
52009		3.99	0.01	0.08	0.03	<0.01	0.04	0.13	1.80	99.3									
52010		2.14	<0.01	0.77	0.15	0.18	0.07	0.13	0.90	99.6									
50000		5.13	<0.01	0.57	0.20	0.89	0.21	0.38	1.30	99.7									
50001		3.24	<0.01	0.42	0.09	0.47	0.62	0.55	3.49	100.0									
50002		4.55	<0.01	0.13	0.01	0.01	0.05	0.17	1.00	98.7									
50003		2.27	<0.01	0.38	0.32	3.98	0.43	0.36	8.47	99.6									
50004		4.54	<0.01	0.22	0.04	0.06	0.08	0.15	0.10	99.0									
50005		1.92	<0.01	0.39	0.09	1.68	0.85	0.41	8.76	96.0									
50006		6.17	<0.01	0.80	0.09	0.54	0.43	0.53	1.39	99.6									
50007		4.39	<0.01	0.26	0.04	0.06	0.06	0.19	0.40	98.4									
50008		1.58	0.01	0.32	0.28	0.28	0.13	0.28	2.89	101.0									
50009		4.05	<0.01	0.75	0.10	0.51	0.38	0.40	1.19	100.5									
50010		5.69	<0.01	0.64	0.12	0.62	0.37	0.70	3.49	100.0									
50011		5.48	<0.01	0.49	0.14	0.77	0.30	0.50	0.99	99.0									
50012		3.51	<0.01	0.69	0.08	0.52	0.33	0.28	0.30	98.7									
50013		5.16	<0.01	0.29	0.10	0.31	0.20	0.35	1.69	98.0									
50014		4.54	<0.01	0.42	0.35	0.92	0.10	0.21	0.60	98.8									
50015		2.24	<0.01	1.12	0.38	3.02	0.14	0.16	0.40	98.9									
50016		5.40	<0.01	1.00	0.15	0.93	0.43	0.67	0.90	98.7									
50017		3.33	<0.01	1.44	0.19	1.54	0.53	0.75	1.00	98.8									
50018		4.87	<0.01	0.99	0.19	1.36	0.51	0.80	0.30	98.2									
50019		5.83	<0.01	0.89	0.15	0.86	0.47	0.72	0.50	97.8									
50020		6.25	<0.01	0.60	0.12	0.83	0.45	0.80	1.89	98.1									
50021		5.03	<0.01	1.22	0.12	1.27	0.44	0.49	0.70	98.2									
50022		4.46	<0.01	0.21	0.06	0.08	0.06	0.16	0.50	98.2									
50023		4.79	<0.01	0.60	0.20	1.02	0.22	0.36	0.90	98.4									
50024		4.65	<0.01	0.78	0.20	2.07	0.37	0.65	2.80	98.4									
50025		5.74	<0.01	0.39	0.11	0.12	0.15	0.42	1.30	99.3									
50026		0.21	<0.01	0.76	0.30	3.43	0.76	0.13	19.80	99.8									
50027		5.45	<0.01	0.28	0.17	1.33	0.26	0.38	2.86	98.9									
50028		5.86	<0.01	0.40	0.17	0.98	0.23	0.47	1.29	98.3									
50029		3.93	<0.01	0.85	0.10	0.65	0.40	0.52	0.70	101.0									

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 2 - E  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm	ME-AQ81 Mo ppm	ME-AQ81 Ni ppm	ME-AQ81 Pb ppm	ME-AQ81 Zn ppm
52000								
52001								
52002								
52003								
52004								
52005								
52006								
52007								
52009								
52010								
50000								
50001								
50002								
50003								
50004								
50005								
50006								
50007								
50008								
50009		2	49	<1	1	4	11	45
50010								
50011								
50012								
50013								
50014								
50015								
50016								
50017								
50018								
50019								
50020								
50021								
50022								
50023								
50024								
50025								
50026								
50027								
50028								
50029								

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - A  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG-2010  
 Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units	Sample Description	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
LOR	50030	0.92	<1	594	5350	8.1	<10	1.13	<5	93.7	33.9	76.2	32.0	272	4.0	12.90
	50031	4.84	<1	1605	4830	7.5	20	0.98	10	95.2	46.6	65.3	32.6	241	293	15.45
	50032	1.72	<1	2380	259	8.0	10	1.01	12	7.69	2.97	5.52	23.4	18.05	9.8	1.13
	50033	1.80	<1	5020	531	7.5	10	0.44	14	11.05	4.07	9.91	14.5	32.8	2.2	1.53
	50034	1.28	<1	1585	108.5	1.3	10	1.43	<5	3.87	1.55	2.64	24.3	8.42	8.0	0.57
	50035	1.34	<1	1010	782	52.1	1470	8.08	<5	7.69	3.42	6.34	20.1	26.5	3.3	1.13
	50036	4.30	<1	3720	309	5.3	10	0.78	6	7.30	2.73	5.98	16.6	19.70	3.2	1.00
	50037	3.36	<1	1360	2880	7.3	30	0.98	<5	53.4	19.30	44.3	25.3	156.0	3.3	7.32
	50038	2.56	<1	2470	2880	10.9	<10	1.13	<5	56.6	20.4	47.0	23.6	170.5	2.4	7.81
	50039	4.60	<1	928	4430	5.5	10	0.46	<5	81.4	29.1	68.9	31.8	244	2.3	11.05
	50040	1.44	<1	1045	1545	27.7	10	0.29	39	35.7	12.95	28.3	18.4	97.1	2.6	4.98
	50045	2.32	<1	6250	769	14.5	10	0.51	<5	19.15	6.98	15.75	16.1	51.9	3.4	2.67
	50046	2.56	<1	5460	719	14.5	10	0.41	<5	19.40	6.95	15.70	15.6	51.6	4.7	2.67
	50047	2.36	<1	1540	2710	6.1	20	1.07	<5	59.1	20.6	43.9	26.3	151.0	5.1	8.06
	50048	0.84	<1	4410	1195	7.2	<10	0.92	<5	35.4	13.45	25.9	20.4	88.3	5.0	5.14
	50049	1.38	<1	457	447	29.2	30	0.08	168	10.10	4.24	7.03	17.7	24.0	5.9	1.55
	50050	1.66	<1	519	179.5	27.7	30	1.09	343	5.57	2.72	3.27	19.3	11.30	2.3	0.95
	50051	2.68	<1	687	215	29.4	20	0.71	277	7.26	3.33	4.42	18.4	14.80	4.6	1.18
	50052	1.82	<1	3100	1870	8.4	<10	0.67	6	47.1	17.90	35.9	22.7	125.0	2.3	6.76
	50053	0.76	<1	211	40.4	1.0	30	1.19	<5	1.59	0.78	0.98	22.5	3.15	3.9	0.27
	50054	0.74	<1	25.8	9.5	<0.5	10	3.49	<5	0.41	0.40	0.16	26.9	0.60	7.3	0.10
	50055	1.14	<1	3970	384	7.0	<10	1.64	29	11.00	4.32	8.81	16.1	27.3	4.7	1.62
	50056	1.50	<1	1270	486	2.3	<10	0.40	<5	19.10	7.88	13.50	10.3	41.9	3.3	2.97
	50057	1.16	<1	4280	922	5.8	<10	0.63	5	11.35	4.80	10.50	14.1	37.0	4.3	1.69
	50058	1.50	<1	3020	727	2.8	<10	0.84	<5	16.65	6.36	14.25	17.5	46.1	3.3	2.46
	50060	3.90	<1	2510	425	1.3	<10	1.08	<5	7.24	3.07	6.23	19.4	20.9	2.7	1.11
	50061	4.94	<1	600	169.5	2.6	10	0.54	<5	3.87	1.52	3.18	15.7	10.35	1.4	0.56
	50062	3.92	<1	903	1070	1.8	10	0.34	<5	21.7	8.81	18.10	18.1	59.5	1.9	3.26
	50063	2.50	<1	1595	136.0	8.0	30	0.47	<5	4.42	1.79	3.48	21.5	10.10	7.1	0.68
	50064	3.32	<1	3630	465	20.9	80	4.63	26	9.08	3.68	7.99	20.1	25.9	4.1	1.34
	50065	2.64	<1	3420	515	24.8	40	2.08	14	12.95	5.42	9.81	22.0	31.1	10.6	1.99
	50066	1.88	<1	1035	238	4.1	10	0.88	13	5.86	2.71	3.59	27.9	12.55	11.8	0.96
	50067	1.68	<1	2680	405	16.8	130	0.55	<5	10.65	4.11	17.0	17.0	27.0	5.0	1.58
	50068	3.12	<1	7560	9770	2.8	<10	0.75	18	15.05	11.40	32.1	41.1	182.5	0.6	1.93
	50069	3.56	<1	1775	97.8	1.6	10	1.00	<5	2.37	0.94	1.79	19.1	5.58	1.7	0.36
	50070	2.74	<1	5980	707	6.6	10	2.28	<5	10.70	4.25	9.24	15.4	30.9	3.5	1.57
	50071	1.74	<1	4290	449	3.1	20	3.91	<5	10.55	3.97	9.24	17.8	28.5	5.5	1.50
	50072	1.20	<1	2130	286	3.4	10	0.56	<5	8.58	3.09	7.25	17.5	21.4	1.9	1.22
	50073	3.24	<1	4580	190.5	3.0	10	1.17	<5	5.10	2.03	4.10	13.3	11.75	2.4	0.79
	50074	1.52	<1	29.3	28.0	<0.5	10	1.97	<5	1.35	1.31	0.40	35.2	1.73	13.0	0.32

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - B  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50030	2080	1.59	<2	77.2	2370	<5	40	628	49.8	352	4	423	3.9	27.3	979
50031	2040	4.74	<2	53.4	2240	6	53	599	87.1	312	4	940	2.7	25.2	815
50032	92.7	0.26	<2	16.8	145.0	7	23	35.9	147.5	24.3	2	1110	0.8	2.00	24.7
50033	240	0.28	<2	19.5	278	<5	11	87.6	104.0	44.6	1	3200	1.1	3.31	19.20
50034	40.7	0.18	<2	25.4	63.5	<5	11	15.45	135.0	11.05	1	648	1.1	0.97	11.15
50035	412	0.30	<2	7.8	257	444	8	78.0	289	29.3	1	972	0.1	2.35	34.3
50036	134.0	0.20	<2	18.8	161.0	<5	9	39.7	97.0	25.7	1	2290	1.1	2.01	20.6
50037	1030	0.98	<2	73.9	1385	<5	33	347	85.1	210	3	694	3.7	15.70	421
50038	1260	1.16	<2	12.8	1450	<5	29	363	66.0	220	1	1625	0.8	16.90	214
50039	1740	1.30	<2	50.0	2190	<5	28	561	60.7	325	2	1060	2.6	24.3	688
50040	644	0.95	<2	46.5	783	12	12	196.5	22.2	127.5	3	2160	2.7	10.15	59.3
50045	326	0.50	<2	34.1	413	10	14	100.5	80.1	68.0	2	3040	1.8	5.39	35.2
50046	296	0.49	<2	40.9	401	8	17	95.5	77.2	67.8	2	3330	2.1	5.41	36.0
50047	911	1.11	<2	88.4	1270	<5	34	323	96.5	202	5	897	4.3	16.20	637
50048	468	0.90	<2	13.3	680	<5	26	160.0	96.6	118.0	1	2550	0.6	9.59	89.4
50049	240	0.39	<2	19.2	193.5	29	38	51.6	8.1	30.0	2	3060	0.7	2.61	16.75
50050	76.8	0.32	2	3.7	85.4	22	54	21.9	50.2	13.40	1	762	0.2	1.31	24.6
50051	99.7	0.34	<2	8.8	109.0	19	22	27.2	20.9	18.05	2	2350	0.3	1.70	9.10
50052	757	1.13	<2	19.1	1015	5	17	246	97.1	169.0	2	1980	1.0	13.15	195.0
50053	16.1	0.14	<2	8.3	22.6	<5	6	5.57	61.4	3.94	1	243	0.8	0.39	55.4
50054	4.1	0.17	<2	24.2	4.2	<5	17	1.17	71.7	0.62	1	80.7	3.2	0.08	25.4
50055	156.0	0.36	<2	17.9	214	<5	33	53.2	122.5	35.5	1	2600	1.0	3.10	10.35
50056	180.5	0.62	<2	1.2	301	<5	28	70.4	54.4	53.2	<1	5930	0.1	4.90	12.00
50057	501	0.38	<2	4.4	347	<5	28	101.0	92.4	43.7	1	3460	0.1	3.58	18.50
50058	312	0.39	<2	13.3	379	<5	22	95.1	83.2	59.4	1	3330	0.7	4.94	31.1
50060	213	0.22	<2	1.4	180.5	<5	25	49.6	92.4	25.8	<1	3360	<0.1	2.19	20.8
50061	72.6	0.16	<2	6.3	84.7	<5	8	21.8	64.2	13.20	1	603	0.5	1.14	7.26
50062	487	0.55	<2	9.4	503	<5	30	133.5	40.7	75.5	<1	4820	0.4	6.41	46.5
50063	50.7	0.26	<2	22.2	78.5	11	13	19.20	59.6	13.95	1	2010	0.7	1.21	8.86
50064	205	0.25	<2	12.0	224	81	33	60.3	141.5	33.5	1	2870	0.5	2.72	20.6
50065	212	0.40	<2	22.6	252	64	36	66.2	96.5	39.7	2	2750	0.8	3.54	17.95
50066	114.5	0.23	<2	17.1	101.5	<5	35	28.5	33.7	15.65	1	1410	0.8	1.47	19.85
50067	146.5	0.33	<2	12.7	221	97	21	55.8	71.4	35.7	1	2370	0.6	3.02	16.75
50068	6530	0.26	<2	9.6	2320	<5	59	859	78.5	168.5	1	5960	0.3	10.70	182.0
50069	42.8	0.08	<2	7.2	45.4	<5	5	12.45	111.0	7.08	1	628	0.4	0.64	6.05
50070	409	0.24	<2	20.9	264	<5	52	77.1	119.5	37.4	1	4770	1.5	3.20	12.85
50071	196.0	0.28	<2	21.9	234	27	25	59.9	125.5	38.5	1	2980	1.1	3.12	9.75
50072	105.0	0.24	<2	19.6	175.0	<5	9	41.7	96.8	30.0	1	1955	1.0	2.48	9.98
50073	91.3	0.15	<2	11.4	91.8	<5	42	23.6	62.5	15.10	1	4790	1.2	1.35	4.69
50074	10.1	0.50	<2	16.4	9.6	7	40	2.74	51.1	1.88	2	66.8	2.0	0.23	123.0

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.





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Page: 3 - C  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**minerals**

**CERTIFICATE OF ANALYSIS VAI0102863**

Method Analyte Units LOR	ME-MS81 Ti ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50030	<0.5	2.65	146.0	63	2	272	14.30	298	125	63.3	6.73	7.31	6.06	1.50	3.29
50031	0.5	5.39	395	53	2	389	34.7	280	>10000	61.4	8.40	8.77	4.87	1.55	3.48
50032	0.9	0.30	31.2	60	1	29.6	1.90	126	447	62.4	15.05	3.90	3.19	1.05	4.99
50033	0.7	0.34	4.70	75	1	40.5	2.12	102	97	54.6	12.30	4.46	11.40	1.72	3.88
50034	0.8	0.18	15.25	15	1	14.0	1.15	84	461	65.7	17.15	2.12	1.22	0.25	6.69
50035	2.1	0.32	3.45	181	1	29.0	2.09	409	167	45.6	8.81	12.80	9.71	10.95	2.40
50036	0.7	0.25	5.75	53	1	27.6	1.54	102	151	58.3	14.50	3.70	6.97	1.20	4.89
50037	0.6	1.54	90.0	63	2	159.5	8.56	258	105	65.1	9.25	6.53	5.74	1.51	3.58
50038	<0.5	1.64	25.0	116	2	197.0	9.50	286	136	48.7	8.40	9.59	14.70	2.92	3.47
50039	<0.5	2.19	100.5	51	2	238	11.80	221	61	65.2	9.20	6.02	4.65	1.08	4.01
50040	<0.5	1.12	13.30	201	2	130.0	7.01	289	154	45.7	4.61	13.25	19.65	4.60	3.26
50045	0.6	0.62	8.51	130	1	71.2	3.74	204	156	53.7	10.15	7.57	12.25	2.90	3.44
50046	0.6	0.61	8.33	132	1	71.6	3.71	188	199	53.8	10.30	7.66	12.05	2.92	3.40
50047	0.7	1.77	81.7	54	2	172.0	9.84	264	201	62.3	12.15	6.16	4.81	1.12	4.43
50048	0.6	1.24	18.85	90	2	133.5	7.27	188	193	56.0	12.35	6.04	8.29	1.73	4.31
50049	<0.5	0.45	5.88	200	2	43.9	2.81	258	262	52.6	13.10	8.72	10.35	4.01	5.76
50050	<0.5	0.33	6.70	203	1	24.6	2.21	155	86	53.0	17.70	8.54	6.85	4.26	5.90
50051	<0.5	0.38	3.79	196	1	33.7	2.41	202	203	54.8	14.75	8.79	7.67	4.19	6.32
50052	0.6	1.60	25.3	108	2	178.5	9.28	154	105	54.1	11.60	6.38	10.55	2.13	4.15
50053	<0.5	0.11	10.25	8	1	8.1	0.76	53	128	71.8	13.05	1.71	1.06	0.25	6.09
50054	<0.5	0.08	14.45	<5	2	4.4	0.80	27	137	75.4	12.70	1.30	0.13	0.03	7.48
50055	0.8	0.41	3.90	45	1	41.0	2.54	83	207	55.4	14.30	4.05	8.33	1.18	3.96
50056	<0.5	0.81	5.34	23	1	80.4	4.68	67	125	26.1	5.81	2.22	32.8	0.77	1.89
50057	0.5	0.41	2.30	59	1	43.8	2.62	89	193	49.8	11.25	5.20	13.00	1.75	3.60
50058	0.5	0.55	7.23	27	1	61.1	3.14	61	150	53.6	13.35	2.31	10.60	0.62	4.85
50060	<0.5	0.29	4.73	14	1	31.5	1.64	27	133	56.4	15.15	1.16	8.45	0.23	5.69
50061	<0.5	0.14	2.04	20	1	14.3	0.97	98	40	71.1	11.20	3.03	3.72	0.43	5.21
50062	<0.5	0.79	14.60	19	1	87.7	4.37	38	102	38.2	9.72	1.30	23.3	0.33	4.48
50063	<0.5	0.19	2.76	79	1	16.8	1.46	138	322	63.2	14.25	4.71	4.88	1.57	6.55
50064	0.9	0.34	6.45	91	1	39.1	1.94	135	169	54.2	13.70	5.97	6.05	4.50	4.00
50065	0.6	0.55	8.61	117	1	56.3	3.16	171	583	54.2	12.55	7.06	8.38	4.72	4.32
50066	<0.5	0.31	8.40	37	1	27.1	1.75	131	638	63.0	18.80	2.96	2.27	0.76	9.01
50067	<0.5	0.38	4.57	67	1	41.1	2.32	128	185	57.0	11.80	4.98	9.42	3.90	4.12
50068	<0.5	0.38	10.00	41	1	44.3	2.32	70	17	54.9	18.35	3.58	6.17	0.14	5.56
50069	0.5	0.10	1.94	13	1	9.5	0.54	39	74	69.2	14.60	1.58	1.29	0.30	5.91
50070	0.8	0.36	4.18	45	1	41.4	1.98	115	140	55.9	16.60	5.21	4.17	1.13	4.88
50071	0.8	0.35	3.83	144	2	41.4	2.06	177	231	49.5	13.95	8.81	7.44	4.43	4.07
50072	0.5	0.27	2.66	23	1	167	1.67	110	65	60.8	14.05	2.66	5.76	0.66	5.74
50073	<0.5	0.20	2.55	30	1	21.4	1.22	68	100	59.6	18.25	2.48	4.00	0.70	7.50
50074	<0.5	0.27	58.8	8	2	13.9	2.51	60	409	74.6	12.75	2.83	0.23	0.04	7.67

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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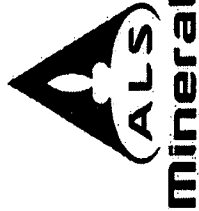
Page: 3 - D  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	LOI %	OA-GRA05 %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
50030		2.04	<0.01	1.04	0.26	0.21	0.06	0.06	1.50	93.4							
50031		3.10	<0.01	0.51	0.27	0.09	0.12	0.18	2.09	94.8							
50032		6.58	<0.01	0.64	0.10	0.35	0.14	0.27	0.59	99.3							
50033		5.48	<0.01	0.50	0.15	1.48	0.40	0.58	4.04	101.0							
50034		5.70	<0.01	0.21	0.07	0.06	0.08	0.19	0.10	99.5							
50035		3.27	0.21	0.54	0.30	0.26	0.12	0.11	1.50	96.6	<0.001	<0.005	0.001	<0.5	<5	<0.5	<0.5
50036		5.59	<0.01	0.47	0.10	0.73	0.29	0.43	1.86	99.0							
50037		3.74	<0.01	1.18	0.22	0.19	0.09	0.16	0.59	97.9							
50038		3.18	<0.01	0.33	0.31	4.29	0.20	0.28	1.50	97.9							
50039		3.04	<0.01	0.75	0.22	0.11	0.13	0.11	1.00	95.5							
50040		0.93	<0.01	1.01	0.38	3.28	0.27	0.12	2.38	99.4							
50045		4.36	<0.01	1.09	0.26	2.36	0.37	0.71	0.59	99.8							
50046		4.38	<0.01	1.28	0.23	2.13	0.41	0.63	0.59	99.8							
50047		4.69	0.02	1.45	0.21	0.20	0.11	0.18	0.89	98.7							
50048		5.01	<0.01	0.28	0.25	1.85	0.31	0.51	0.79	97.7							
50049		0.85	0.01	0.64	0.23	0.25	0.37	0.05	1.88	98.8	<0.001	<0.005	<0.001	<0.5	<5	<0.5	<0.5
50050		1.68	<0.01	0.66	0.15	0.23	0.09	0.06	0.60	99.7	0.002	<0.001	<0.001	<0.5	<5	<0.5	<0.5
50051		1.10	<0.01	0.63	0.20	0.35	0.28	0.08	0.89	100.0	<0.001	<0.001	<0.001	<0.5	<5	<0.5	<0.5
50052		4.61	<0.01	0.40	0.23	3.49	0.24	0.35	1.98	100.0							
50053		2.28	<0.01	0.06	0.05	<0.01	0.03	0.02	1.10	97.5							
50054		0.85	<0.01	0.01	0.01	0.01	0.01	<0.01	0.49	98.4							
50055		6.58	<0.01	0.28	0.13	0.92	0.32	0.47	3.18	99.1							
50056		2.92	<0.01	0.02	0.19	1.07	0.81	0.16	25.2	100.0							
50057		5.11	<0.01	0.15	0.17	0.87	0.48	0.54	7.51	99.4							
50058		5.61	<0.01	0.20	0.10	1.41	0.45	0.38	6.48	100.0							
50060		5.47	<0.01	0.04	0.05	0.54	0.46	0.31	5.81	99.8							
50061		3.30	<0.01	0.15	0.14	0.26	0.08	0.08	1.19	99.9							
50062		2.82	<0.01	0.11	0.10	1.57	0.67	0.11	16.55	99.3							
50063		4.16	0.01	0.34	0.18	0.19	0.27	0.20	0.50	101.0							
50064		5.72	0.01	1.03	0.11	1.14	0.39	0.45	0.70	98.0							
50065		4.15	0.01	1.14	0.14	1.19	0.37	0.43	0.79	99.5							
50066		1.40	<0.01	0.51	0.05	0.23	0.19	0.13	0.20	99.5							
50067		4.40	0.02	0.50	0.12	0.85	0.30	0.32	1.00	98.7							
50068		3.73	<0.01	0.31	0.07	0.28	0.76	0.90	3.39	98.1							
50069		5.00	<0.01	0.23	0.04	0.06	0.08	0.22	1.20	99.7							
50070		6.07	<0.01	0.40	0.11	0.62	0.64	0.73	2.20	98.7							
50071		4.51	<0.01	1.36	0.16	1.87	0.40	0.51	1.40	98.4							
50072		5.09	<0.01	0.33	0.13	0.31	0.26	0.31	3.47	99.5							
50073		2.96	<0.01	0.24	0.06	0.30	0.62	0.53	2.99	100.0							
50074		0.61	<0.01	0.05	0.03	0.01	0.01	<0.01	0.80	99.6							

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - E  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm	ME-AQ81 Mo ppm	ME-AQ81 Ni ppm	ME-AQ81 Pb ppm	ME-AQ81 Zn ppm
50030							
50031							
50032							
50033							
50034							
50035	31	1	<1	1	259	9	282
50036							
50037							
50038							
50039							
50040							
50045							
50046							
50047							
50048							
50049	11	163	<1	1	10	30	125
50050	16	335	<1	2	8	43	109
50051	18	274	<1	1	7	12	111
50052							
50053							
50054							
50055							
50056							
50057							
50058							
50060							
50061							
50062							
50063							
50064							
50065							
50066							
50067							
50068							
50069							
50070							
50071							
50072							
50073							
50074							

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Page: 4 - A  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	50075	3.62	<1	2120	1210	3.3	<10	0.82	<5	26.0	10.10	21.0	22.3	68.7	3.9	3.86
	50076	2.44	<1	1360	457	5.1	10	4.20	15	9.54	3.99	7.90	12.3	25.2	1.9	1.49
	50077	2.72	<1	2440	69.2	2.7	<10	0.77	6	4.12	1.58	2.95	20.5	8.02	2.8	0.62
	50078	3.04	<1	2810	194.5	1.5	10	1.18	7	4.42	1.75	3.72	19.3	11.45	1.1	0.65
	50079	3.06	<1	1565	2400	7.1	10	0.66	<5	57.6	24.0	41.8	18.6	137.0	5.5	9.06
	50080	0.82	<1	1800	727	3.0	<10	0.87	<5	16.80	6.90	13.15	18.1	42.0	2.9	2.59
	50081	1.72	<1	1365	1495	5.6	<10	0.47	<5	29.0	11.75	24.5	16.6	80.3	4.9	4.33
	50082	1.12	<1	3900	620	2.6	<10	1.69	<5	4.05	2.03	5.25	15.9	19.05	1.5	0.59
	50083	2.36	<1	4380	561	10.7	10	0.67	<5	17.45	6.23	14.15	14.5	42.2	7.0	2.51
	50084	1.24	<1	985	1420	4.4	10	0.61	<5	27.7	10.20	20.7	24.8	66.0	4.2	3.93
	50085	2.02	<1	3580	902	10.7	<10	0.46	<5	22.1	8.52	17.75	16.0	56.4	3.9	3.26
	50086	0.12	<1	928	6060	7.3	30	0.94	<5	136.0	86.6	84.8	32.5	280	916	26.2
	50087	1.02	<1	2840	365	16.7	70	0.36	<5	9.91	3.87	7.85	16.4	25.0	6.2	1.47
	50088	2.28	<1	2180	180.0	2.6	10	0.98	<5	4.91	1.86	3.71	21.6	12.10	7.2	0.67
	50089	1.26	<1	1740	506	1.3	10	0.50	<5	8.20	3.35	6.79	22.0	24.2	4.2	1.17
	50090	1.42	<1	345	1055	1.0	<10	0.13	<5	16.55	7.14	13.35	6.9	50.2	1.9	2.62
	50091	1.12	<1	1220	134.5	12.6	30	1.01	31	4.70	2.07	2.93	20.3	9.92	6.3	0.78
	50092	2.08	<1	234	16.6	<0.5	20	1.24	<5	0.67	0.49	0.29	20.0	1.07	3.5	0.15
	50093	1.38	<1	1120	183.5	2.0	<10	0.84	<5	4.76	1.85	3.73	21.6	12.70	2.1	0.72
	50094	1.00	<1	1570	123.0	2.2	40	1.23	<5	4.61	1.84	2.79	20.4	10.30	5.2	0.70

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 4 - B  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
	50075	511	0.64	<2	13.7	597	<5	19	155.5	93.0	91.8	1	2820	0.7	7.42	86.2
	50076	227	0.25	<2	4.3	207	<5	55	55.4	101.5	31.5	<1	6400	0.2	2.71	8.97
	50077	22.6	0.21	<2	15.3	52.5	<5	13	11.45	155.0	10.90	1	878	0.7	1.06	2.07
	50078	89.1	0.14	<2	11.4	96.1	<5	13	25.1	127.5	15.05	1	1620	0.5	1.25	8.86
	50079	1125	1.63	<2	10.2	1125	<5	15	295	53.2	175.0	2	2660	0.4	15.45	94.6
	50080	315	0.52	<2	6.2	354	<5	23	93.4	107.0	55.2	1	2920	0.3	4.74	26.3
	50081	676	0.90	<2	10.8	710	<5	22	186.5	42.2	105.5	3	3820	0.6	8.53	53.8
	50082	336	0.12	<2	2.4	224	<5	42	67.9	95.0	23.9	<1	5930	0.1	1.57	12.35
	50083	239	0.46	<2	27.9	330	6	26	78.4	76.6	58.1	2	3080	1.9	4.92	11.20
	50084	395	0.70	<2	23.0	544	<5	24	144.0	80.6	90.3	2	649	1.5	7.76	242
	50085	398	0.70	<2	23.0	457	<5	18	117.0	81.7	74.4	1	2850	1.6	6.31	73.0
	50086	2220	13.05	<2	74.2	2550	<5	129	692	59.2	392	5	580	3.8	33.1	>1000
	50087	128.5	0.38	<2	6.3	210	76	24	52.2	71.4	33.4	1	1930	0.3	2.82	17.95
	50088	63.4	0.15	<2	21.3	101.0	<5	8	25.1	115.5	17.95	1	844	0.6	1.29	11.85
	50089	233	0.21	<2	9.1	219	<5	18	57.7	71.3	32.6	<1	4180	0.3	2.30	23.1
	50090	520	0.49	<2	1.6	412	<5	56	109.0	11.6	58.6	<1	>10000	0.1	4.64	23.8
	50091	44.2	0.28	<2	19.3	69.5	13	26	16.70	110.0	12.25	1	1370	0.7	1.10	11.20
	50092	7.1	0.11	<2	4.8	7.1	<5	14	1.86	133.5	1.14	<1	204	0.5	0.13	6.06
	50093	79.1	0.19	<2	21.4	96.9	<5	10	23.4	113.0	15.90	1	1955	0.8	1.33	5.65
	50094	43.3	0.16	<2	17.5	70.0	<5	8	16.50	148.5	13.20	2	482	1.3	1.15	11.65

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 4 - C  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
	50075	<0.5	0.91	14.90	38	2	94.8	5.16	92	149	53.6	12.55	2.83	10.80	0.66	4.91
	50076	0.7	0.37	2.08	35	1	41.0	2.02	134	75	48.8	16.00	3.97	12.00	1.58	6.67
	50077	1.0	0.18	2.11	25	1	15.6	1.19	66	100	64.5	14.65	2.87	2.98	0.56	4.31
	50078	0.7	0.16	2.31	15	1	16.4	1.01	49	39	62.6	15.80	1.46	3.67	0.34	6.09
	50079	<0.5	2.36	18.80	147	2	239	13.20	180	192	41.3	5.97	7.35	23.0	1.68	2.74
	50080	0.5	0.67	10.00	29	2	67.9	3.86	107	103	53.9	10.30	2.90	13.95	0.70	3.77
	50081	<0.5	1.06	15.75	117	2	114.5	6.34	299	242	37.8	4.87	7.71	25.4	2.31	2.70
	50082	0.5	0.15	1.31	17	1	16.0	0.89	45	76	59.0	18.20	1.76	4.58	0.61	6.96
	50083	0.5	0.58	3.50	85	1	65.5	3.24	127	282	50.5	13.20	7.11	9.79	2.66	4.11
	50084	<0.5	0.95	55.4	31	1	75.7	5.38	192	135	69.6	11.90	4.01	2.89	0.84	5.50
	50085	<0.5	0.79	15.05	106	1	85.0	4.79	197	170	50.8	9.43	6.72	14.65	2.20	3.66
	50086	<0.5	12.05	769	55	3	669	81.4	333	>10000	55.3	4.93	7.78	6.21	1.56	2.07
	50087	<0.5	0.38	5.05	81	1	38.6	2.43	217	258	56.1	10.70	7.23	10.15	3.93	4.45
	50088	0.6	0.18	4.58	23	1	18.8	1.15	88	325	66.1	14.75	2.39	2.20	0.51	5.63
	50089	<0.5	0.30	4.69	12	1	35.2	1.77	27	260	53.1	14.50	1.18	11.15	0.26	5.72
	50090	<0.5	0.69	4.80	8	1	70.8	3.97	23	71	8.72	1.82	0.81	47.5	0.19	0.74
	50091	0.6	0.27	7.31	75	1	18.6	1.72	146	245	62.5	14.00	5.06	5.20	1.81	5.62
	50092	0.7	0.08	4.32	<5	1	5.0	0.65	25	103	74.7	13.40	0.77	0.76	0.04	5.38
	50093	0.7	0.18	2.03	19	1	16.9	1.22	95	78	62.2	14.95	2.47	5.24	0.51	5.36
	50094	1.0	0.20	4.93	15	1	17.0	1.23	63	202	69.9	14.30	2.08	1.41	0.43	5.18

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 4 - D  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO2 %	ME-ICP06 BaO %	ME-ICP06 LOI %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
50075	4.78	<0.01	0.24	0.12	0.73	0.37	0.25	8.86	100.5						
50076	1.52	<0.01	0.23	0.09	0.95	0.83	0.16	8.20	101.0						
50077	7.58	<0.01	0.24	0.09	0.11	0.11	0.29	1.90	100.0						
50078	5.84	<0.01	0.16	0.07	0.09	0.21	0.34	2.99	99.7						
50079	2.41	<0.01	0.30	0.32	4.36	0.35	0.18	9.18	99.1						
50080	4.55	<0.01	0.07	0.14	0.94	0.37	0.21	9.18	101.0						
50081	2.02	<0.01	0.14	0.39	2.07	0.50	0.16	13.95	100.0						
50082	3.65	<0.01	0.10	0.07	0.27	0.76	0.46	2.99	99.4						
50083	4.66	<0.01	0.59	0.21	1.69	0.41	0.53	3.99	99.5						
50084	3.38	<0.01	0.41	0.17	0.16	0.08	0.12	1.40	100.5						
50085	4.42	<0.01	0.38	0.24	2.32	0.37	0.42	5.18	101.0						
50086	2.51	<0.01	1.02	0.27	0.24	0.08	0.10	2.10	84.2						
50087	3.51	0.01	0.21	0.20	0.82	0.23	0.32	1.39	99.3						
50088	4.85	<0.01	0.45	0.06	0.20	0.10	0.25	1.10	98.6						
50089	4.04	<0.01	0.11	0.05	0.46	0.49	0.19	8.10	99.4						
50090	0.57	<0.01	0.02	0.15	0.17	1.40	0.04	37.6	99.7						
50091	4.39	0.01	0.36	0.14	0.15	0.16	0.14	0.20	99.7						
50092	3.87	<0.01	0.03	0.02	<0.01	0.02	0.03	1.29	100.5						
50093	5.63	<0.01	0.22	0.12	0.19	0.23	0.12	3.00	100.0						
50094	5.15	0.01	0.30	0.04	0.10	0.06	0.18	0.40	99.5						

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.





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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm	ME-AQ81 Mo ppm	ME-AQ81 Ni ppm	ME-AQ81 Pb ppm	ME-AQ81 Zn ppm
50075		1	1	1	1	1	2	2
50076								
50077								
50078								
50079								
50080								
50081								
50082								
50083								
50084								
50085								
50086								
50087								
50088								
50089								
50090								
50091								
50092								
50093								
50094								

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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 31-AUG-2010  
 Account: MEDRES

**CERTIFICATE VA10116145**

Project: Eden Lake

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2010.

The following have access to data associated with this certificate:

WILLIAM H. BIRD

CARLOS KATSURAGI


DR. HAMID MUMIN

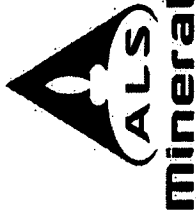
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS81h	High grade REE by fusion/ICPMS	ICP-MS

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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10116145**

Sample Description	Method Analyte Units LOR	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm	Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm
50005		17050	30.4	20.2	56.9	356	2	3.90	11150	0.52	15	4210	1535	32	318	<5
50031		4430	87.3	43.7	62.3	236	295	14.50	1840	4.43	50	2020	561	74	287	<5
50086		5440	124.0	77.9	79.7	288	862	23.5	2000	11.65	63	2350	647	52	361	<5
50090		1015	17.1	7.5	14.5	52.6	4	2.69	506	0.52	4	433	120.0	10	61.9	<5



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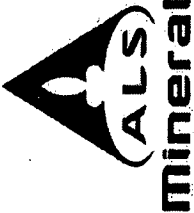
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10116145**

Sample Description	Method Analyte Units LOR	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h
		Ta ppm	Tb ppm	Th ppm	Tm ppm	U ppm	W ppm	Y ppm	Yb ppm	Zr ppm		
50005		<0.5	19.05	337	0.75	16.4	<5	98	4.5	100		
50031		2.3	23.3	840	4.95	378	<5	358	31.6	21400		
50086		3.1	30.1	2640	10.85	749	<5	590	74.6	>50000		
50090		<0.5	4.96	36.0	0.64	6.8	<5	72	4.1	260		



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**CERTIFICATE VA10121246**

Project: Eden Lake  
 P.O. No.:  
 This report is for 13 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- AQ81	Base Metals by Aqua Regia dig.	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

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**Signature:**  
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS VAI0121246**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50107	6.04	<1	4150	763	12.2	10	0.62	<5	18.80	7.21	16.05	16.5	52.1	2.8	2.73
50108	6.22	<1	4700	736	13.2	10	0.90	<5	18.05	6.87	15.45	15.4	51.1	4.5	2.59
50109	5.28	<1	3760	489	8.6	10	0.99	11	12.35	4.83	10.45	15.6	34.4	3.9	1.83
50110	2.64	<1	2110	183.5	3.0	<10	1.10	13	4.68	1.87	3.90	19.6	12.60	2.2	0.71
50111	5.52	<1	4850	661	12.9	<10	0.96	64	16.00	6.10	13.60	15.9	45.0	4.5	2.35
50112	6.50	<1	3730	867	10.3	<10	0.66	11	20.4	7.76	17.05	17.8	55.9	3.8	3.01
50113	5.80	<1	3010	711	8.4	<10	0.90	<5	15.75	6.22	13.15	18.4	44.2	3.8	2.39
50114	3.96	1	3970	579	11.8	10	0.63	14	14.60	5.23	13.45	16.1	37.3	6.3	2.17
50115	6.84	1	3940	759	14.6	10	0.45	25	17.55	6.29	16.30	14.8	45.7	5.4	2.63
50116	4.88	1	2890	503	11.3	10	0.48	24	13.15	4.72	12.10	16.3	33.4	3.8	1.94
50117	5.98	<1	4420	766	14.1	<10	0.59	13	19.40	7.27	16.40	16.2	52.5	3.1	2.75
50118	5.56	<1	5130	735	13.5	<10	0.64	12	18.15	7.05	15.50	16.0	50.9	3.5	2.68
50119	7.06	<1	5360	649	13.1	<10	0.93	8	16.90	6.38	14.65	16.2	46.8	3.6	2.43



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**CERTIFICATE OF ANALYSIS VA10121246**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50107	328	0.54	<2	39.9	431	<5	13	108.0	93.0	72.4	2	2700	1.8	5.55	46.6
50108	307	0.50	<2	35.0	404	5	14	101.5	80.7	68.5	2	3280	1.6	5.27	43.2
50109	209	0.33	<2	23.9	270	<5	15	67.8	118.0	46.1	1	2710	1.1	3.64	22.4
50110	77.2	0.17	<2	11.2	99.9	<5	13	25.1	136.5	16.85	1	1445	0.7	1.36	22.1
50111	280	0.44	<2	34.7	351	5	20	90.0	117.5	59.6	2	3790	1.5	4.78	27.6
50112	370	0.52	<2	27.3	451	<5	15	117.0	103.5	75.0	3	2410	1.1	5.92	85.1
50113	316	0.42	<2	26.0	352	<5	10	92.6	122.5	56.7	1	1585	1.0	4.65	35.3
50114	236	0.38	<2	33.3	312	6	17	78.2	90.0	53.0	2	2480	1.5	4.42	57.8
50115	324	0.45	<2	36.7	390	7	15	100.0	73.8	64.5	2	2650	1.7	5.37	37.7
50116	210	0.33	<2	30.7	274	6	11	69.7	75.5	47.5	2	1930	1.5	3.87	26.4
50117	331	0.51	<2	33.5	420	<5	15	107.5	98.4	70.3	2	2940	1.5	5.67	39.7
50118	313	0.48	<2	31.1	393	7	16	100.0	78.3	66.5	2	4040	1.3	5.33	37.1
50119	273	0.44	<2	39.0	357	<5	18	89.8	91.6	61.1	2	3770	1.7	4.89	32.3





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**CERTIFICATE OF ANALYSIS VA10121246**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
50107		0.6	0.66	13.85	119	<1	74.2	3.90	187	132	53.8	10.20	7.61	12.30	2.58	3.26
50108		0.7	0.60	11.35	122	<1	69.4	3.62	172	112	52.6	10.15	7.83	13.05	2.75	2.96
50109		0.8	0.41	7.89	81	<1	46.5	2.31	111	168	54.8	10.90	5.25	9.29	1.90	3.40
50110		0.8	0.18	8.58	30	<1	19.5	1.07	48	85	68.7	12.95	2.24	3.72	0.60	4.61
50111		0.8	0.56	7.74	93	<1	61.3	3.02	135	188	53.3	11.50	6.15	12.30	2.04	3.49
50112		0.7	0.69	19.05	87	1	78.9	3.86	177	142	56.3	10.65	6.11	11.70	2.10	3.55
50113		0.8	0.57	14.05	74	1	64.6	3.17	144	165	59.1	11.85	5.33	9.13	1.78	3.82
50114		0.7	0.47	10.15	88	1	60.3	2.92	139	259	57.0	11.15	6.52	10.75	2.25	3.64
50115		0.6	0.54	8.07	105	1	71.9	3.35	164	224	54.0	10.20	8.22	13.00	2.95	3.40
50116		0.6	0.42	6.38	79	1	53.4	2.48	124	160	59.8	10.85	6.02	9.91	2.03	3.91
50117		0.7	0.63	9.91	112	1	73.7	3.58	166	118	53.3	10.35	7.81	12.80	2.77	3.16
50118		0.6	0.62	8.92	109	1	72.4	3.47	158	128	51.4	10.25	7.46	13.90	2.65	2.82
50119		0.6	0.55	7.79	111	1	63.7	3.14	150	162	53.6	11.10	7.33	11.85	2.57	3.12



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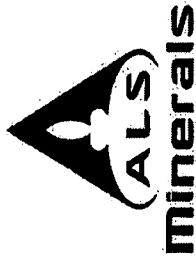
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**CERTIFICATE OF ANALYSIS VA10121246**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	LOI %	OA-GRA05 %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
50107		4.69	<0.01	1.02	0.23	1.84	0.32	0.47	1.78		100.0						
50108		4.81	<0.01	1.00	0.23	1.98	0.39	0.53	1.69		100.0						
50109		4.43	<0.01	0.71	0.14	1.42	0.32	0.43	2.00		95.0						
50110		4.49	<0.01	0.25	0.05	0.45	0.17	0.24	1.10		99.6						
50111		5.01	<0.01	0.97	0.17	1.42	0.44	0.55	2.99		100.5	<0.001	<0.005	<0.001	1.1	<5	<0.5
50112		4.63	<0.01	0.72	0.21	1.68	0.28	0.42	2.99		101.5						
50113		5.27	<0.01	0.65	0.18	1.39	0.19	0.35	1.19		100.0						
50114		4.66	<0.01	0.90	0.18	1.68	0.32	0.48	0.80		100.5						
50115		4.14	<0.01	1.08	0.22	2.22	0.35	0.48	0.70		101.0						
50116		3.97	<0.01	0.81	0.16	1.52	0.24	0.34	1.30		101.0						
50117		4.77	<0.01	1.02	0.22	2.17	0.35	0.51	0.40		99.6	<0.001	<0.005	<0.001	0.5	<5	<0.5
50118		4.87	<0.01	0.99	0.21	2.01	0.47	0.58	1.80		99.4						
50119		5.09	<0.01	1.18	0.20	1.78	0.45	0.61	0.30		99.2						





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**CERTIFICATE VA10121247**

Project: Eden Lake

P.O. No.:

This report is for 12 Rock samples submitted to our lab in Vancouver, BC, Canada on 7- SEP- 2010.

The following have access to data associated with this certificate:

WILLIAM H. BIRD

CARLOS KATSURAGI

DR. HAMID MUMIN

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd 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	INSTRUMENT
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

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**Signature:**

Colin Ramshaw, Vancouver Laboratory Manager



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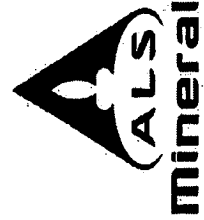
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**CERTIFICATE OF ANALYSIS VA10121247**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50140		6.92	<1	4590	627	11.1	10	0.44	12	18.25	6.52	15.65	15.2	49.1	5.4	2.53
50141		7.46	<1	4290	656	12.5	10	0.66	16	19.00	6.72	16.35	16.7	50.9	2.3	2.64
50142		8.34	<1	3420	550	11.1	10	0.57	6	16.90	5.95	14.40	16.1	45.0	4.7	2.29
50143		2.46	<1	3590	627	10.8	<10	0.60	<5	16.95	6.14	14.50	17.5	46.6	3.1	2.31
50144		4.42	<1	1660	120.5	1.6	10	0.88	6	4.23	1.56	3.35	22.3	10.30	6.2	0.57
50145		5.24	<1	4800	621	11.3	10	0.68	12	17.75	6.39	15.10	16.0	48.2	1.3	2.43
50146		11.80	<1	5000	603	10.9	<10	0.73	15	16.15	5.88	14.00	16.8	44.2	2.5	2.26
50147		5.32	1	2850	398	6.5	10	1.00	13	10.00	3.85	8.27	18.4	26.9	4.7	1.51
50148		5.52	1	1840	224	4.3	10	0.85	9	5.66	2.22	4.62	20.5	15.15	5.7	0.88
50149		5.76	1	4280	762	16.4	10	0.98	40	17.85	6.92	14.95	15.7	48.8	7.9	2.71
50150		3.72	<1	727	17.3	<0.5	10	1.00	8	0.62	0.35	0.37	20.4	1.20	3.2	0.11
50151		3.44	1	4670	859	15.0	10	0.86	11	19.75	7.93	16.40	15.7	54.2	7.6	3.09



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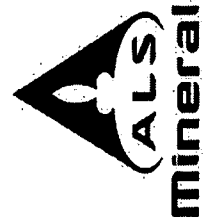
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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15- SEP- 2010  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10121247**

Sample Description	Method Analyte Units LOR	ME- MS81 La ppm	ME- MS81 Lu ppm	ME- MS81 Mo ppm	ME- MS81 Nb ppm	ME- MS81 Nd ppm	ME- MS81 Ni ppm	ME- MS81 Pb ppm	ME- MS81 Pr ppm	ME- MS81 Rb ppm	ME- MS81 Sm ppm	ME- MS81 Sn ppm	ME- MS81 Sr ppm	ME- MS81 Ta ppm	ME- MS81 Tb ppm	ME- MS81 Th ppm
50140		248	0.45	<2	38.8	320	<5	185	78.5	87.4	57.9	2	2710	1.6	4.94	46.4
50141		259	0.48	<2	38.0	343	<5	320	82.9	88.1	61.8	2	2710	1.9	5.22	33.0
50142		211	0.42	<2	40.3	302	<5	33	71.9	85.4	55.3	2	2160	1.9	4.62	26.3
50143		252	0.43	<2	36.3	317	<5	53	79.4	83.6	56.5	2	2110	1.6	4.65	26.0
50144		43.7	0.16	<2	20.7	69.2	<5	15	16.40	112.0	12.95	1	657	0.6	1.08	7.05
50145		250	0.45	<2	30.9	327	5	36	79.7	88.7	57.4	2	2830	1.7	4.89	40.5
50146		246	0.43	<2	28.7	314	<5	20	76.3	102.0	55.1	2	2690	1.5	4.49	33.2
50147		161.0	0.28	<2	26.7	217	5	24	56.3	111.0	36.3	1	1235	1.0	2.75	25.3
50148		97.0	0.19	<2	16.1	119.5	<5	12	31.1	107.0	19.65	1	1040	0.9	1.53	15.80
50149		321	0.46	<2	38.1	397	8	30	102.0	77.8	65.0	3	3060	1.7	4.92	38.8
50150		7.6	0.05	<2	5.4	8.5	<5	12	2.26	141.5	1.47	1	307	0.5	0.13	5.42
50151		362	0.55	<2	39.0	446	7	27	115.5	94.8	72.5	2	2660	1.7	5.39	50.0



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Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-SEP-2010  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0121247**

Sample Description	Method Analyte Units LOR	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
50140		0.7	0.56	8.78	89	<1	61.6	3.34	334	221	56.7	9.96	7.14	10.30	2.56	3.38
50141		0.7	0.57	9.43	98	<1	63.4	3.41	176	104	54.6	10.15	7.49	11.00	2.71	3.53
50142		0.6	0.53	7.53	89	<1	57.6	3.14	154	196	57.9	10.10	6.68	9.68	2.38	3.60
50143		0.6	0.54	6.90	84	1	57.5	3.13	168	121	57.2	10.70	6.66	10.00	2.36	4.01
50144		0.8	0.16	3.47	15	1	13.7	1.02	70	358	69.1	14.75	2.04	1.82	0.39	5.35
50145		0.7	0.57	8.42	94	<1	61.1	3.28	151	60	55.2	10.60	6.94	10.55	2.55	3.66
50146		0.7	0.54	9.42	87	<1	57.4	3.11	137	116	55.0	11.25	6.38	9.93	2.35	3.57
50147		0.9	0.34	7.55	46	1	36.2	1.95	104	197	61.9	13.35	3.90	5.41	1.21	4.35
50148		0.8	0.21	6.72	32	1	23.4	1.23	70	194	68.3	12.55	2.85	3.68	0.87	4.70
50149		0.7	0.56	11.10	115	1	69.1	3.27	166	323	52.8	9.70	8.11	12.15	3.08	3.07
50150		0.9	0.05	3.28	<5	1	4.1	0.32	22	77	74.1	13.15	1.17	0.68	0.08	5.03
50151		0.7	0.68	15.10	107	1	79.8	4.03	193	324	53.1	9.33	7.82	12.80	2.98	3.06



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
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 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0121247**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %	TOT-ICP06 Total %
	50140	4.23	<0.01	1.13	0.22	1.64	0.33	0.53	0.60	98.7
	50141	4.26	<0.01	1.19	0.23	1.76	0.34	0.49	-0.10	97.7
	50142	4.20	<0.01	1.16	0.20	1.50	0.26	0.39	-0.10	98.0
	50143	4.27	<0.01	0.97	0.21	1.58	0.26	0.41	1.60	100.0
	50144	5.43	<0.01	0.29	0.07	0.08	0.08	0.19	0.10	99.7
	50145	4.50	<0.01	1.13	0.21	1.71	0.35	0.55	0.60	98.6
	50146	5.06	<0.01	0.93	0.19	1.64	0.33	0.57	0.10	97.3
	50147	5.77	<0.01	0.50	0.12	0.79	0.16	0.34	0.89	98.7
	50148	4.43	<0.01	0.36	0.08	0.59	0.13	0.21	0.10	98.9
	50149	4.20	<0.01	1.13	0.23	2.07	0.39	0.50	0.60	98.0
	50150	4.32	<0.01	0.05	0.02	0.01	0.04	0.08	0.10	98.8
	50151	4.30	<0.01	0.99	0.24	2.13	0.33	0.54	0.30	97.9





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**CERTIFICATE VA10133018**

Project: Eden Lake  
 P.O. No.:  
 This report is for 43 Rock samples submitted to our lab in Vancouver, BC, Canada on 17-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD CARLOS KATSURAGI DR. HAMID MUMIN

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-AQ81	Base Metals by Aqua Regia dig.	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager

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.



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Page: 2 - A  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	Sample Description	WEI: 21 Recvd Wt. 0.02	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	50059	3.34	<1	1480	436	3.6	<10	0.49	<5	15.30	6.41	10.40	12.9	34.7	3.1	2.46
	50095	1.88	<1	5770	445	10.1	10	0.62	10	14.05	5.17	10.50	15.6	34.5	4.2	2.06
	50096	3.28	<1	837	1380	35.6	10	0.19	71	28.6	10.45	22.6	16.3	80.4	3.2	4.13
	50097	2.60	<1	1155	113.0	2.2	20	1.64	<5	3.55	1.57	1.79	21.0	6.81	11.2	0.59
	50098	4.96	<1	1055	168.5	4.2	20	1.77	17	3.49	1.70	1.88	18.5	7.72	6.0	0.62
	50099	3.00	<1	1210	112.0	2.1	30	1.63	6	3.45	1.56	1.74	20.0	6.47	11.7	0.60
	50100	4.86	<1	936	142.5	3.6	20	1.43	5	3.15	1.61	1.67	19.2	6.40	5.6	0.56
	50101	3.08	<1	1075	97.5	2.1	10	1.54	<5	3.25	1.47	1.62	20.0	6.09	10.0	0.56
	50102	3.86	<1	1110	104.5	2.1	20	1.51	<5	3.20	1.54	1.66	20.0	6.02	12.0	0.55
	50103	2.38	<1	2230	285	3.5	10	0.91	<5	10.50	3.74	7.66	21.2	24.6	7.6	1.52
	50104	4.38	<1	1010	49.5	12.3	30	1.11	<5	2.24	1.25	1.07	19.0	3.16	2.7	0.43
	50105	2.90	<1	716	93.7	1.7	20	1.64	<5	2.21	1.25	1.15	21.3	4.15	4.2	0.42
	50106	2.28	<1	618	33.0	3.3	20	3.09	<5	1.37	0.86	0.46	18.8	1.79	3.4	0.27
	50120	0.58	<1	2110	>10000	2.8	10	0.74	<5	18.55	3.80	37.2	49.3	43.1	2.9	2.33
	50121	2.80	<1	6610	>10000	3.1	<10	0.42	<5	24.2	4.75	49.9	61.1	52.3	3.0	3.06
	50122	0.52	<1	1010	86.7	1.4	10	0.75	<5	2.72	1.13	1.73	24.6	5.73	8.7	0.41
	50123	2.18	<1	2670	273	7.8	10	0.59	19	5.98	2.57	4.41	22.1	14.30	5.6	0.99
	50124	1.62	<1	2610	201	1.9	10	1.30	14	4.10	1.71	2.84	22.0	9.74	7.4	0.65
	50125	2.48	<1	1470	79.6	15.3	40	1.04	66	3.55	1.65	2.06	19.0	6.46	4.1	0.59
	50126	2.66	<1	3570	642	3.3	<10	0.75	24	13.05	5.38	9.88	13.2	33.6	3.1	2.04
	50127	1.14	<1	1880	1495	8.8	<10	0.69	<5	33.4	12.70	25.7	19.3	87.8	5.5	4.95
	50128	1.10	<1	2740	238	10.6	20	2.20	18	5.58	2.37	4.04	21.9	13.35	7.1	0.90
	50129	1.54	<1	4800	722	13.8	10	0.62	10	18.15	6.45	14.50	17.0	47.7	2.9	2.68
	50130	1.36	<1	1330	1825	20.1	10	0.36	<5	43.3	15.50	34.4	17.5	117.5	5.6	6.30
	50131	0.48	<1	72.3	56.1	3.0	<10	0.25	14	6.02	4.88	2.39	13.7	7.96	32.5	1.24
	50132	2.58	<1	1075	98.4	1.9	10	1.51	<5	3.04	1.33	1.54	20.2	5.77	9.3	0.51
	50152	7.50	<1	5910	761	12.9	10	0.61	19	18.75	6.73	15.40	13.2	50.2	3.2	2.75
	50153	6.46	<1	5060	737	13.2	20	0.51	11	19.25	6.97	15.55	14.3	50.5	5.6	2.77
	50154	8.22	<1	5130	778	15.4	10	0.39	28	19.90	6.91	16.10	14.0	52.3	5.0	2.93
	50155	4.22	<1	5300	633	11.5	10	0.42	19	16.50	5.83	13.25	14.3	43.6	4.4	2.37
	50156	6.74	<1	5700	695	13.5	10	0.40	21	18.15	6.35	14.85	13.5	47.6	5.1	2.63
	50157	7.22	<1	3620	596	11.1	10	0.50	5	15.35	5.44	12.45	15.2	40.5	4.6	2.24
	50158	7.72	<1	695	14.0	18.75	10	0.61	6	16.35	6.88	15.2	52.6	52.6	1.8	2.79
	50159	8.82	<1	4770	503	10.1	10	0.51	9	13.60	5.08	11.85	15.0	37.7	4.0	2.04
	50160	2.68	<1	3120	363	16.9	20	1.54	9	7.97	3.24	6.88	21.4	22.4	6.7	1.21
	50161	3.48	<1	3250	398	10.1	10	0.79	11	10.45	4.50	8.42	22.4	27.0	6.8	1.69
	50162	2.36	<1	4230	870	15.5	10	0.67	<5	21.0	8.10	16.80	16.8	59.2	2.2	3.17
	50163	0.98	<1	4330	838	14.3	10	1.22	<5	19.50	7.46	17.55	16.5	57.6	1.8	2.88
	50164	8.56	<1	5400	653	13.1	10	0.51	15	17.50	6.53	15.25	14.9	48.3	3.3	2.63
	50165	9.90	1	5930	646	13.9	10	0.69	16	17.20	6.45	15.20	17.1	47.9	1.9	2.57



Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm
50059	175.5	0.65	<2	8.3	253	<5	28	60.4	65.6	46.5	1	4920	0.4	3.83	9.98
50095	179.0	0.37	<2	31.3	259	5	24	62.9	107.0	47.9	3	4180	1.6	3.67	22.6
50096	644	0.87	<2	14.7	651	20	26	173.0	13.7	107.5	5	2260	0.7	7.98	45.6
50097	53.1	0.17	<2	12.4	47.7	5	45	13.40	160.5	8.66	2	424	0.9	0.76	71.3
50098	87.8	0.20	<2	7.8	65.6	7	20	18.80	121.0	9.99	4	452	0.5	0.83	13.55
50099	53.1	0.17	<2	11.6	45.8	<5	44	12.95	166.0	8.53	3	424	0.9	0.78	56.3
50100	72.2	0.19	<2	9.5	55.9	<5	22	16.15	127.0	8.60	3	510	0.5	0.72	14.80
50101	46.2	0.16	<2	11.4	41.5	<5	42	11.60	147.5	7.86	3	398	0.8	0.74	55.4
50102	48.7	0.17	<2	11.0	43.9	<5	49	12.40	149.5	8.05	3	392	0.8	0.74	61.5
50103	90.9	0.29	<2	16.0	188.0	<5	24	43.7	148.0	36.4	3	1210	0.5	2.74	17.35
50104	23.7	0.18	<2	4.6	21.2	18	27	5.72	68.5	4.01	2	1035	0.2	0.44	5.57
50105	49.3	0.18	<2	8.7	33.2	<5	27	9.63	114.0	5.55	3	547	0.6	0.50	16.35
50106	17.0	-0.16	<2	8.1	12.4	6	21	3.67	126.0	2.15	2	302	0.8	0.25	13.60
50120	8360	0.35	<2	13.9	3120	<5	47	>1000	59.7	243	1	4710	0.8	4.56	253
50121	>10000	0.36	<2	26.1	4340	<5	70	>1000	59.2	329	2	6270	1.5	6.11	384
50122	38.5	0.17	<2	22.6	46.4	<5	9	11.95	110.0	8.23	2	243	1.3	0.66	128.5
50123	128.5	0.23	<2	14.5	121.5	<5	40	33.1	68.9	19.65	1	3040	0.7	1.55	15.85
50124	93.4	0.18	<2	10.9	82.0	<5	22	23.1	134.0	13.40	2	905	0.6	1.07	24.4
50125	25.4	0.24	<2	10.0	48.1	13	24	11.60	60.0	9.48	2	1840	0.4	0.81	7.04
50126	319	0.38	<2	3.0	291	<5	70	77.9	76.7	46.0	1	8200	0.1	3.47	8.48
50127	605	0.80	<2	55.0	752	<5	18	195.5	91.2	124.5	3	1265	3.0	9.05	80.7
50128	99.4	0.22	<2	12.6	115.0	5	31	31.0	85.0	19.05	1	2840	0.6	1.44	11.05
50129	294	0.46	<2	31.3	396	5	18	98.6	99.1	69.4	2	2350	1.4	4.96	33.8
50130	752	1.04	<2	55.8	988	9	10	248	34.6	168.0	4	1500	3.0	12.05	96.6
50131	17.8	4.84	<2	2.4	42.7	<5	57	9.41	6.5	10.55	23	95.6	0.2	1.11	33.2
50132	46.5	0.15	<2	10.4	41.4	<5	39	11.55	149.5	7.75	2	396	0.8	0.69	50.5
50152	332	0.45	<2	32.6	414	<5	19	103.0	71.3	73.4	2	4120	1.7	5.18	26.0
50153	309	0.48	<2	31.0	408	10	21	101.5	81.0	72.1	2	3120	1.5	5.18	30.6
50154	334	0.46	<2	35.9	424	8	17	106.0	72.3	74.4	3	3200	1.7	5.48	30.3
50155	265	0.39	<2	34.5	352	6	14	86.9	76.7	63.2	2	3080	1.8	4.54	23.6
50156	298	0.44	<2	37.1	388	6	13	95.7	59.6	68.6	2	3550	1.9	5.00	27.4
50157	246	0.41	<2	28.5	330	5	12	81.8	74.7	58.2	2	2290	1.5	4.24	28.6
50158	288	0.49	<2	37.0	416	7	15	104.5	77.1	69.9	2	3310	1.9	5.58	32.1
50159	240	0.36	<2	28.0	300	8	14	75.8	89.9	50.0	2	3330	1.4	4.01	24.0
50160	186.5	0.26	<2	22.3	188.5	21	25	50.4	80.4	30.1	2	2830	1.0	2.36	10.90
50161	195.5	0.32	<2	20.3	221	<5	31	58.2	43.5	35.7	2	4200	1.3	2.93	33.4
50162	380	0.55	<2	41.4	485	5	26	124.5	78.8	79.7	2	3090	2.1	6.29	44.8
50163	360	0.51	<2	37.8	480	6	20	123.5	73.1	78.6	2	2970	2.2	5.98	38.5
50164	271	0.44	<2	37.5	392	6	17	97.6	85.2	65.3	3	3750	1.9	5.27	27.8
50165	265	0.46	<2	41.1	389	7	16	97.4	93.1	66.7	2	3650	2.2	5.25	30.5

Project: Eden Lake



**CERTIFICATE OF ANALYSIS VAI0133018**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50059		<0.5	0.64	3.64	41	<1	67.6	4.48	132	122	33.9	7.11	3.77	28.6	1.17	2.36
50095		0.9	0.47	7.15	90	1	55.5	2.96	135	167	57.0	13.40	6.02	6.97	1.99	3.48
50096		<0.5	0.94	7.56	185	1	111.0	5.99	270	180	41.5	3.43	13.95	23.7	5.01	2.23
50097		1.2	0.21	8.13	21	<1	18.1	1.32	99	435	71.2	13.70	2.46	0.97	0.32	4.29
50098		0.9	0.20	5.89	32	1	17.0	1.40	57	253	70.1	13.35	2.94	1.92	0.70	3.92
50099		1.3	0.18	8.89	17	<1	17.7	1.27	97	471	70.6	13.45	2.40	1.03	0.31	4.03
50100		0.8	0.19	6.42	22	<1	15.8	1.34	64	226	70.5	13.95	2.47	1.64	0.59	4.61
50101		1.0	0.18	7.90	15	<1	18.9	1.15	91	401	71.0	13.95	2.31	1.01	0.33	4.44
50102		1.0	0.17	9.64	18	<1	17.1	1.23	103	480	72.8	13.70	2.51	0.96	0.31	4.22
50103		1.0	0.32	5.19	26	<1	36.7	2.21	115	433	65.1	15.40	3.03	2.91	0.77	4.69
50104		0.5	0.17	8.39	71	1	12.1	1.22	88	102	65.0	15.85	4.63	3.90	1.72	5.17
50105		0.7	0.15	8.47	10	1	12.9	1.09	44	154	71.3	14.05	1.65	1.06	0.32	4.65
50106		0.7	0.13	6.48	20	<1	8.4	1.00	48	110	72.0	13.85	1.87	1.30	0.55	3.80
50120		<0.5	0.44	14.55	36	<1	55.4	3.06	82	116	53.1	16.85	3.40	7.76	0.24	5.47
50121		<0.5	0.57	15.10	54	<1	67.8	3.66	111	129	51.5	17.10	4.77	7.22	0.21	4.66
50122		0.6	0.15	14.40	11	<1	10.9	1.08	70	435	72.6	13.85	1.66	1.00	0.37	5.32
50123		0.5	0.28	10.20	55	<1	28.7	1.73	116	291	59.1	17.40	4.53	4.31	1.39	6.33
50124		0.9	0.18	13.45	26	<1	18.7	1.21	67	378	65.6	16.45	2.51	2.02	0.57	6.00
50125		0.5	0.19	3.23	91	<1	15.2	1.53	114	170	60.6	14.90	5.41	5.06	2.11	6.26
50126		<0.5	0.51	2.08	6	<1	59.2	3.03	63	161	36.2	10.65	0.96	24.5	0.18	3.15
50127		0.7	1.12	26.1	80	1	132.5	6.82	210	181	57.7	11.30	6.24	9.41	2.02	4.08
50128		0.7	0.25	5.39	73	<1	25.5	1.70	156	399	59.0	16.25	5.10	3.93	1.80	6.61
50129		0.6	0.57	9.13	90	<1	69.9	3.56	203	131	56.4	11.40	7.14	10.50	2.46	3.72
50130		<0.5	1.33	19.90	177	1	167.5	8.12	313	272	46.8	5.12	12.45	17.55	4.10	2.58
50131		<0.5	1.17	29.3	134	<1	41.8	17.30	883	471	53.3	1.04	33.0	9.97	0.16	1.33
50132		1.1	0.17	9.48	14	<1	16.0	1.11	89	365	73.7	13.80	2.22	0.95	0.29	4.43
50152		0.6	0.57	5.66	104	<1	74.3	3.50	145	150	48.5	9.71	7.09	16.65	2.67	2.64
50153		0.6	0.60	8.58	102	<1	73.8	3.72	174	248	52.5	10.15	7.55	13.70	2.86	3.07
50154		0.6	0.59	7.81	114	<1	76.7	3.69	172	224	51.1	9.54	8.21	14.45	3.11	2.91
50155		0.5	0.48	5.62	93	<1	62.8	3.03	146	191	54.3	11.15	6.61	11.75	2.37	3.12
50156		0.5	0.54	6.05	108	<1	67.9	3.41	156	226	51.5	10.20	7.55	14.05	2.76	2.73
50157		0.5	0.48	8.73	89	<1	58.3	3.01	152	200	55.9	10.05	6.87	11.65	2.47	3.20
50158		0.5	0.61	7.87	107	1	75.2	3.49	168	76	51.6	13.65	7.12	13.65	2.58	3.03
50159		0.6	0.45	5.73	84	1	55.7	2.55	128	143	54.8	11.05	5.66	11.10	1.99	3.33
50160		0.7	0.32	3.28	111	1	34.9	1.90	190	275	53.9	15.50	7.32	5.75	3.16	4.49
50161		<0.5	0.44	9.11	87	1	50.0	2.52	152	331	56.6	15.75	5.36	6.84	1.62	6.57
50162		0.6	0.73	13.90	115	1	91.2	4.14	219	109	52.6	9.40	8.16	14.20	3.18	3.53
50163		0.5	0.64	8.80	117	1	79.0	3.69	174	73	52.0	9.37	7.58	14.40	2.95	3.37
50164		0.6	0.58	7.25	109	1	70.1	3.35	163	107	52.4	10.50	7.14	12.60	2.67	3.26
50165		0.6	0.57	8.17	109	1	89.9	3.31	189	76	53.7	10.70	6.91	10.80	2.53	3.27

To: MEDALLION RESOURCES LTD  
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Project: Eden Lake



**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	TOT-ICP06 Total %	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm
50059	3.12	<0.01	0.08	0.25	0.96	0.60	0.18	19.55	101.5					
50095	5.71	<0.01	0.98	0.16	1.06	0.50	0.69	1.40	99.4					
50096	0.63	<0.01	0.51	0.36	2.96	0.27	0.09	5.05	99.7					
50097	4.48	<0.01	0.26	0.04	0.05	0.05	0.14	0.80	98.8					
50098	4.53	<0.01	0.37	0.05	0.15	0.05	0.13	0.00	98.2					
50099	4.71	<0.01	0.26	0.04	0.06	0.05	0.15	0.30	97.4					
50100	4.08	<0.01	0.37	0.05	0.09	0.06	0.11	0.30	98.8					
50101	4.39	<0.01	0.26	0.04	0.06	0.05	0.14	0.60	98.6					
50102	4.44	<0.01	0.26	0.04	0.07	0.05	0.14	0.60	100.0					
50103	5.73	<0.01	0.49	0.10	0.39	0.15	0.28	0.30	99.3					
50104	2.34	<0.01	0.39	0.09	0.13	0.12	0.12	1.68	101.0					
50105	3.26	<0.01	0.16	0.04	0.05	0.06	0.09	0.40	97.1					
50106	4.40	<0.01	0.22	0.04	0.08	0.04	0.08	0.70	98.7					
50120	2.93	<0.01	0.27	0.11	0.48	0.59	0.25	4.79	96.2					
50121	3.40	<0.01	0.54	0.13	0.35	0.78	0.79	4.98	96.4					
50122	4.07	<0.01	0.18	0.07	0.04	0.03	0.13	-0.20	99.1					
50123	3.43	<0.01	0.66	0.08	0.42	0.38	0.33	-1.10	97.3					
50124	4.94	<0.01	0.38	0.04	0.14	0.11	0.32	0.70	99.8					
50125	2.92	0.01	0.40	0.12	0.12	0.23	0.18	0.60	98.9				70	<1
50126	4.07	<0.01	0.03	0.08	0.50	1.03	0.43	19.00	101.0		<0.5	9		
50127	4.49	<0.01	1.25	0.23	2.12	0.16	0.23	0.30	99.5					
50128	3.16	<0.01	0.90	0.08	0.50	0.36	0.34	1.00	101.0					
50129	4.58	<0.01	0.89	0.22	2.00	0.30	0.59	0.30	100.5					
50130	1.92	<0.01	1.54	0.41	3.16	0.19	0.16	0.40	96.4					
50131	0.16	<0.01	0.12	0.87	0.02	0.01	0.01	0.30	100.5					
50132	4.45	<0.01	0.24	0.04	0.06	0.05	0.13	-0.20	100.0					
50152	4.38	<0.01	1.04	0.20	2.31	0.52	0.72	4.66	101.0					
50153	4.31	<0.01	0.91	0.22	2.12	0.41	0.65	2.39	101.0					
50154	4.04	<0.01	1.15	0.22	2.39	0.41	0.64	2.17	100.5					
50155	4.90	<0.01	1.01	0.19	1.80	0.40	0.68	1.78	100.0					
50156	4.64	<0.01	1.14	0.21	2.17	0.45	0.70	2.06	100.0					
50157	3.95	<0.01	0.90	0.19	1.96	0.30	0.49	1.69	99.6					
50158	4.17	<0.01	1.01	0.20	2.07	0.39	0.57	2.57	98.6					
50159	4.84	<0.01	0.78	0.16	1.50	0.40	0.59	2.80	99.0					
50160	5.20	<0.01	1.12	0.11	1.38	0.34	0.37	1.09	99.7					
50161	2.46	<0.01	0.99	0.10	0.80	0.52	0.39	1.48	99.5					
50162	3.45	<0.01	1.10	0.25	2.60	0.38	0.51	1.19	100.5					
50163	3.68	<0.01	1.04	0.23	2.18	0.37	0.52	1.98	99.7					
50164	4.75	<0.01	1.05	0.20	1.88	0.47	0.66	1.66	99.2					
50165	4.77	<0.01	1.08	0.19	1.81	0.41	0.67	0.30	97.1					

To: MEDALLION RESOURCES LTD  
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Page: 2 - E  
 Total # Pages: 3 (A - E)  
 Finalized Date: 12- OCT- 2010  
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**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units	ME- AQ81 Mo ppm	ME- AQ81 Ni ppm	ME- AQ81 Pb ppm	ME- AQ81 Zn ppm	PGM- ICP23 Au ppm	PGM- ICP23 Pt ppm	PGM- ICP23 Pd ppm
Sample Description	LOR						
50059							
50095							
50096							
50097							
50098							
50099							
50100							
50101							
50102							
50103							
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50160							
50161							
50162							
50163							
50164							
50165							

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**CERTIFICATE OF ANALYSIS VAI0133018**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
Sample Description	0.02	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
50166	6.36	<1	5570	564	12.8	10	0.63	13	15.80	5.62	13.65	16.1	43.2	4.4	2.29
50167	4.00	<1	4930	696	13.3	10	0.59	9	18.45	6.77	16.05	16.3	51.1	1.5	2.72
50168	8.46	<1	5400	618	13.2	10	0.45	25	17.50	6.51	15.20	15.3	47.7	4.0	2.61

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**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50166	253	0.40	<2	44.3	352	7	14	87.2	87.5	60.1	2	3430	2.2	4.61	27.5
50167	282	0.48	<2	35.9	422	6	16	104.0	82.6	71.2	2	3170	1.8	5.53	30.6
50168	272	0.45	<2	40.6	389	7	18	97.5	96.9	66.7	2	3020	2.0	5.24	27.8



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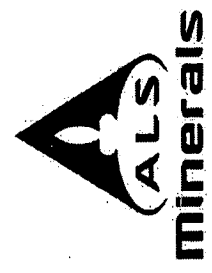


**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	Sample Description	ME- MS81 Ti ppm 0.5	ME- MS81 Tm ppm 0.01	ME- MS81 U ppm 0.05	ME- MS81 V ppm 5	ME- MS81 W ppm 1	ME- MS81 Y ppm 0.5	ME- MS81 Yb ppm 0.03	ME- MS81 Zn ppm 5	ME- MS81 Zr ppm 2	ME- ICP06 SiO2 % 0.01	ME- ICP06 Al2O3 % 0.01	ME- ICP06 Fe2O3 % 0.01	ME- ICP06 CaO % 0.01	ME- ICP06 MgO % 0.01	ME- ICP06 Na2O % 0.01
	50166	0.6	0.49	6.34	100	1	62.6	2.93	153	160	55.8	11.50	6.60	9.78	2.39	3.39
	50167	0.6	0.58	7.64	106	1	73.6	3.38	170	67	54.0	10.80	7.22	11.15	2.76	3.34
	50168	0.7	0.57	7.45	104	1	69.5	3.18	166	146	55.4	11.35	6.77	10.55	2.43	3.48

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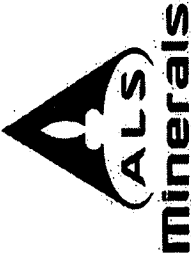


Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10133018**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO2 %	ME-ICP06 BaO %	ME-ICP06 LOI %	TOT-ICP06 Total %	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm
50166		5.25	<0.01	1.14	0.18	1.58	0.42	0.67	-0.20	98.5						
50167		4.89	<0.01	0.97	0.21	2.21	0.39	0.60	-0.10	98.4						
50168		5.20	<0.01	1.11	0.20	1.64	0.38	0.66	0.79	100.0						





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Page: 1  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

**CERTIFICATE VA10136743**

Project: Eden Lake  
 P.O. No.:  
 This report is for 50 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD CARLOS KATSURAGI DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing 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	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
 #1160-595 HOWE ST.  
 VANCOUVER BC V6C 2B3

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

**Signature:**

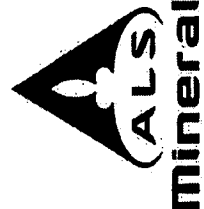
Colin Ramshaw, Vancouver Laboratory Manager



Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

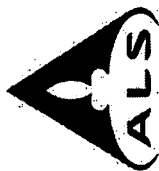
Method Analyte Units LOR	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50197	4.30	<1	6090	498	9.2	10	1.27	7	15.25	5.13	11.60	16.7	36.6	5.2	2.11
50198	5.08	<1	5630	559	8.8	10	1.49	8	15.60	5.34	12.00	16.3	39.0	5.6	2.16
50199	4.48	<1	4350	386	8.9	10	0.94	21	12.30	4.15	9.81	17.0	30.1	3.3	1.68
50200	3.30	<1	3430	288	6.0	10	0.88	8	8.90	3.12	6.83	18.9	21.6	3.3	1.26
50201	5.30	<1	5780	573	8.6	<10	0.99	<5	16.70	5.65	13.25	16.6	42.2	4.9	2.29
50202	4.00	<1	6480	415	11.3	10	0.96	28	13.25	4.46	10.40	16.0	32.6	4.4	1.82
50203	4.52	<1	5880	548	14.1	10	0.54	24	14.60	4.97	11.70	15.9	38.3	4.1	2.02
50204	5.82	<1	3750	639	11.8	10	1.44	5	17.70	6.28	13.75	18.7	45.6	7.1	2.54
50205	5.36	<1	4290	697	12.8	10	1.04	7	19.65	6.79	15.10	17.4	50.1	5.8	2.77
50206	5.24	<1	4680	682	13.0	10	1.35	<5	19.70	6.72	15.35	18.6	49.3	6.2	2.75
50207	8.42	<1	1695	188.5	3.6	10	0.85	<5	5.03	1.77	3.94	19.3	12.85	1.9	0.72
50208	5.20	<1	1115	54.5	0.9	20	0.98	<5	0.73	0.34	0.70	18.2	2.14	1.3	0.11
50209	3.46	<1	1980	253	3.1	10	0.74	<5	6.29	2.29	5.25	18.8	15.65	2.2	0.89
50210	5.46	<1	4130	595	13.3	20	0.54	17	16.10	5.95	13.35	18.4	38.0	5.5	2.35
50211	7.40	<1	4350	745	16.1	10	0.50	7	20.00	7.21	16.50	17.8	47.4	7.6	2.85
50212	7.02	<1	4010	585	12.2	10	0.60	5	15.80	5.49	12.70	18.1	37.2	7.3	2.20
50213	6.04	<1	5540	687	13.4	10	0.54	5	18.40	6.52	15.50	16.7	44.6	6.2	2.61
50214	4.40	<1	5310	627	12.8	10	0.60	6	16.25	5.84	14.00	17.0	39.8	5.5	2.31
50215	3.82	<1	2020	244	3.7	10	0.69	<5	6.48	2.24	5.46	19.1	15.55	2.1	0.93
50216	4.30	<1	5240	579	11.1	10	0.72	<5	14.60	5.21	12.45	16.6	36.2	6.5	2.09
50217	5.46	<1	4550	537	9.5	10	0.71	6	13.90	4.98	11.60	18.9	33.5	4.2	2.00
50218	5.28	<1	5090	831	14.4	10	0.66	23	20.7	7.99	17.65	17.2	50.5	5.7	2.94
50219	2.92	<1	1240	116.5	2.2	10	1.74	<5	3.51	1.63	1.89	20.4	6.29	11.8	0.57
50220	5.56	<1	4180	690	10.1	10	0.71	<5	14.65	5.33	12.60	18.6	37.1	5.5	2.06
50221	7.44	<1	4450	799	12.6	<10	0.55	<5	18.55	6.93	15.85	17.6	46.7	5.6	2.67
50222	4.90	<1	4720	649	13.7	10	0.50	<5	18.00	6.35	14.75	19.3	42.3	9.3	2.59
50223	6.16	<1	4280	624	14.1	10	0.43	5	16.75	5.98	13.50	18.2	40.3	8.3	2.37
50224	6.38	<1	4770	626	13.7	10	0.41	20	17.10	6.04	13.80	17.7	40.4	8.2	2.39
50225	4.24	<1	4620	600	11.0	<10	0.90	5	15.85	5.68	13.35	18.8	39.4	6.2	2.27
50226	3.00	<1	5230	831	15.8	10	0.64	20	18.95	6.82	16.45	17.4	48.7	5.0	2.84
50227	3.18	<1	5280	632	14.5	10	0.64	22	16.30	5.63	13.55	16.7	40.0	5.6	2.34
50228	2.58	<1	5720	551	12.5	<10	0.79	54	13.60	4.81	11.40	16.4	33.5	4.3	1.85
50229	3.06	<1	1225	47.4	0.8	10	0.70	<5	1.04	0.41	0.90	17.7	2.65	0.9	0.16
50230	4.54	<1	4570	812	15.1	10	0.44	31	17.10	6.13	14.60	17.1	43.8	4.8	2.45
50231	4.96	<1	5560	730	13.7	10	0.53	9	17.20	6.20	14.65	16.1	43.2	4.8	2.43
50232	4.86	<1	4520	632	11.6	10	0.76	<5	15.35	5.60	13.05	18.3	39.4	4.8	2.18
50233	3.80	<1	3190	736	11.6	<10	0.83	<5	17.40	6.56	14.85	19.1	45.0	5.9	2.55
50234	4.98	<1	4630	605	10.3	<10	0.80	<5	14.95	5.49	12.65	17.8	38.4	5.4	2.13
50235	3.30	<1	4870	717	12.9	<10	0.58	<5	16.85	6.06	14.75	17.0	43.6	5.4	2.41
50236	2.90	<1	1180	112.5	2.2	20	1.70	<5	3.62	1.60	1.93	20.2	6.55	10.8	0.56



Project: Eden Lake

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Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50197	192.0	0.37	<2	35.8	287	5	20	71.8	105.5	51.0	2	3530	1.8	3.80	20.1
50198	232	0.41	<2	35.8	307	<5	21	77.1	104.5	52.5	2	3520	1.8	4.00	22.2
50199	151.0	0.31	<2	31.2	226	7	16	55.8	117.0	40.2	2	2340	1.6	3.15	12.80
50200	110.0	0.25	<2	23.1	166.0	<5	12	41.1	118.0	28.5	2	1560	1.2	2.26	30.2
50201	235	0.41	<2	36.2	328	<5	15	82.1	106.0	57.5	2	3040	1.8	4.30	24.8
50202	160.0	0.32	<2	33.3	250	<5	16	60.5	101.5	43.9	2	4170	1.8	3.39	15.70
50203	230	0.34	<2	38.4	301	<5	18	75.3	96.5	51.3	2	4450	2.0	3.81	17.55
50204	262	0.53	<2	38.6	355	5	14	89.0	100.0	61.0	2	1945	1.9	4.51	39.7
50205	293	0.55	<2	45.4	384	<5	12	96.6	93.8	64.8	2	2140	2.2	5.01	36.7
50206	278	0.52	<2	42.1	380	<5	14	95.8	106.5	65.7	2	2090	2.1	5.02	36.7
50207	76.7	0.16	<2	14.2	103.0	<5	10	26.1	99.5	17.80	1	767	0.8	1.30	24.0
50208	31.3	0.04	<2	2.2	20.1	<5	9	5.93	108.0	2.94	<1	504	0.2	0.20	6.45
50209	101.0	0.22	<2	13.5	142.0	<5	10	35.3	109.5	23.8	1	805	0.7	1.68	17.15
50210	234	0.52	<2	33.5	339	13	15	83.8	85.5	58.1	2	2390	1.7	4.20	28.9
50211	311	0.59	<2	43.4	424	8	13	105.0	70.7	72.7	2	2900	2.2	5.15	45.9
50212	239	0.46	<2	36.2	329	<5	13	81.3	87.5	55.9	2	2480	1.8	4.05	67.9
50213	284	0.50	<2	42.9	391	<5	15	96.4	75.5	66.5	2	3610	2.1	4.82	32.7
50214	258	0.47	<2	38.6	362	5	16	88.4	86.9	61.7	2	3340	1.9	4.22	29.1
50215	95.2	0.18	<2	19.0	138.0	<5	7	34.0	89.3	23.8	1	1040	0.8	1.63	10.80
50216	240	0.41	<2	35.6	324	<5	17	80.0	91.6	55.1	2	3310	1.8	3.89	29.1
50217	216	0.38	<2	34.3	299	<5	18	73.8	101.5	50.5	2	2400	1.6	3.60	23.2
50218	348	0.53	<2	40.2	464	<5	21	114.5	87.5	77.7	2	3360	2.0	5.44	37.2
50219	55.1	0.18	<2	11.4	49.7	<5	42	13.70	157.5	8.66	2	437	0.9	0.77	62.3
50220	326	0.42	<2	36.8	346	<5	14	89.8	98.2	55.5	2	2530	1.8	3.82	37.3
50221	349	0.52	<2	36.1	422	5	15	107.5	87.0	68.6	2	3460	1.7	5.00	43.9
50222	265	0.51	<2	45.6	374	8	14	91.4	88.9	63.8	2	2580	2.3	4.63	36.9
50223	255	0.50	<2	41.3	346	12	14	85.8	89.8	58.9	2	2700	2.0	4.28	38.3
50224	256	0.48	<2	43.0	348	5	14	86.9	86.9	60.2	2	2790	2.1	4.32	40.7
50225	248	0.45	<2	36.7	336	<5	23	82.6	90.1	58.1	2	2750	1.7	4.22	34.6
50226	388	0.50	<2	35.7	425	6	22	109.0	68.0	69.5	2	3600	1.8	5.04	35.8
50227	278	0.44	<2	30.9	342	8	25	85.2	72.5	58.0	2	4030	1.6	4.19	26.9
50228	238	0.36	<2	28.2	288	6	28	72.9	90.0	47.4	2	3860	1.4	3.53	21.1
50229	22.4	0.04	<2	3.3	21.8	<5	9	5.57	106.0	3.55	<1	462	0.4	0.26	4.19
50230	392	0.45	<2	30.3	379	5	26	100.5	74.1	60.3	2	3520	1.5	4.55	40.1
50231	330	0.45	<2	32.3	376	<5	22	96.3	66.7	62.4	2	3860	1.6	4.62	30.3
50232	264	0.43	<2	29.9	339	<5	16	85.6	93.7	56.5	1	2610	1.4	4.07	35.6
50233	308	0.52	<2	31.7	387	5	17	99.8	92.6	64.8	2	2530	1.7	4.65	42.9
50234	249	0.41	<2	35.3	326	<5	20	82.1	101.0	54.4	2	2890	1.7	4.04	29.7
50235	314	0.45	<2	41.1	379	<5	18	96.0	86.8	63.1	2	2980	2.1	4.53	29.9
50236	52.7	0.17	<2	11.3	48.2	<5	45	13.70	147.0	8.51	2	439	0.9	0.77	76.1



Project: Eden Lake

**CERTIFICATE OF ANALYSIS** VAI0136743

Method Analyte Units LOR	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50197	0.6	0.50	6.52	83	2	54.9	2.80	120	216	55.8	12.30	5.40	8.67	1.79	3.42
50198	0.6	0.53	6.96	82	2	56.6	3.02	118	252	54.1	11.60	5.42	10.35	1.81	3.24
50199	0.6	0.40	5.19	71	2	43.4	2.19	104	148	60.3	12.00	4.64	7.32	1.61	3.79
50200	0.7	0.30	6.12	51	1	31.5	1.88	100	133	62.7	12.60	3.70	5.00	1.14	4.10
50201	0.6	0.54	6.78	81	1	59.2	3.05	129	213	54.6	11.60	5.53	10.50	1.81	3.39
50202	0.6	0.44	4.83	86	1	47.0	2.37	108	183	56.5	12.55	5.52	8.74	1.92	3.35
50203	0.5	0.46	4.96	95	1	52.1	2.70	130	159	54.9	11.55	6.54	10.55	2.26	3.35
50204	0.5	0.63	17.90	94	1	64.9	3.67	187	279	58.3	10.50	6.57	9.96	2.29	3.80
50205	0.5	0.68	13.50	106	1	71.7	4.02	175	253	56.0	10.30	6.74	11.20	2.43	3.47
50206	0.6	0.67	12.60	105	1	69.5	3.80	172	287	56.8	11.10	6.77	10.35	2.40	3.75
50207	0.5	0.17	3.95	28	1	18.2	1.10	73	74	70.0	12.50	2.67	3.06	0.74	4.39
50208	<0.5	0.05	1.68	11	1	3.4	0.31	27	47	73.9	12.55	1.22	0.89	0.18	4.25
50209	0.5	0.24	5.33	32	1	22.4	1.38	84	91	67.8	12.90	2.76	3.17	0.64	4.35
50210	<0.5	0.57	9.69	113	1	34.0	3.40	171	255	54.6	10.25	7.12	11.15	2.67	3.72
50211	<0.5	0.71	17.00	141	1	73.8	4.20	171	331	52.7	9.43	8.42	12.80	3.11	3.14
50212	<0.5	0.56	15.05	112	1	58.8	3.29	148	327	55.2	10.70	6.90	10.50	2.43	3.52
50213	<0.5	0.65	10.85	133	1	67.0	3.68	146	254	52.1	10.20	7.58	12.60	2.78	3.18
50214	<0.5	0.55	9.75	113	1	61.2	3.23	136	239	53.2	10.85	6.80	11.55	2.49	3.52
50215	<0.5	0.22	3.37	38	1	22.2	1.26	58	90	65.8	12.75	2.62	4.11	0.78	4.71
50216	0.5	0.51	8.30	104	1	55.3	3.03	135	289	54.0	11.50	6.24	10.35	2.29	3.39
50217	0.5	0.48	7.28	87	1	50.8	2.72	134	182	57.7	12.10	5.44	8.33	1.94	4.06
50218	<0.5	0.69	10.00	128	1	79.1	4.02	178	247	50.8	9.64	7.99	13.85	2.99	3.40
50219	0.9	0.23	13.35	22	1	17.5	1.36	95	453	72.6	13.40	2.35	1.02	0.35	4.51
50220	0.5	0.51	8.07	97	1	54.0	3.07	142	258	56.7	11.15	5.97	10.40	2.07	3.73
50221	<0.5	0.67	14.00	111	1	71.5	3.86	163	252	51.8	10.20	7.15	13.30	2.53	3.33
50222	0.5	0.65	13.50	121	1	68.7	3.67	170	444	55.9	10.50	7.45	10.85	2.71	3.71
50223	<0.5	0.60	12.50	117	1	63.5	3.51	174	373	54.6	10.50	7.65	11.55	2.79	3.56
50224	<0.5	0.60	12.65	117	1	63.6	3.64	173	355	55.2	10.75	7.45	10.65	2.70	3.62
50225	0.5	0.55	11.95	94	2	59.4	3.21	163	266	55.2	10.65	6.51	11.35	2.35	3.72
50226	<0.5	0.64	8.60	122	1	72.0	3.64	161	219	48.3	9.13	7.95	16.30	3.03	2.96
50227	<0.5	0.53	6.63	106	1	61.2	3.04	147	261	50.4	10.70	7.20	14.10	2.70	3.23
50228	0.5	0.48	6.04	86	1	51.8	2.69	124	194	52.8	11.90	5.94	11.90	2.09	3.46
50229	0.6	0.06	1.23	7	1	4.0	0.31	18	31	75.4	13.55	0.78	0.25	0.07	4.76
50230	<0.5	0.56	8.47	106	1	65.3	3.34	163	212	51.3	10.20	7.22	14.10	2.75	3.46
50231	<0.5	0.62	7.64	104	1	66.5	3.34	160	225	49.9	9.84	7.52	14.95	2.98	3.15
50232	0.5	0.55	9.78	86	1	58.3	3.06	162	211	55.9	11.65	6.46	10.00	2.40	3.96
50233	0.5	0.65	12.95	84	1	68.4	3.55	170	249	52.9	9.93	6.55	13.20	2.36	3.66
50234	0.6	0.53	10.20	79	1	58.3	2.92	145	231	53.6	11.35	5.76	11.55	2.19	3.67
50235	0.6	0.58	8.71	103	2	64.3	3.27	161	236	52.7	10.35	6.98	12.35	2.63	3.56
50236	0.9	0.23	10.35	17	1	17.4	1.27	98	424	71.3	13.30	2.43	1.06	0.36	4.56



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0136743**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	OA-GRA05 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
	50197	6.03	<0.01	0.95	0.15	1.02	0.40	0.68	1.09	97.7			
	50198	5.75	<0.01	0.83	0.16	1.12	0.41	0.63	2.97	98.4			
	50199	5.30	<0.01	0.88	0.13	0.73	0.26	0.50	1.49	99.0			
	50200	5.44	<0.01	0.58	0.11	0.43	0.17	0.39	1.10	97.5			
	50201	5.67	<0.01	0.77	0.17	1.35	0.35	0.67	3.49	99.9			
	50202	6.19	<0.01	0.99	0.13	0.91	0.48	0.73	1.74	99.8			
	50203	5.28	<0.01	1.19	0.16	1.06	0.52	0.68	1.66	99.7			
	50204	4.38	<0.01	0.88	0.20	1.33	0.22	0.42	0.68	99.5			
	50205	4.70	<0.01	1.11	0.20	1.38	0.25	0.46	1.39	99.7			
	50206	5.09	<0.01	1.04	0.19	1.51	0.23	0.52	0.80	100.5			
	50207	4.90	<0.01	0.30	0.08	0.30	0.08	0.18	0.59	99.8			
	50208	5.15	<0.01	0.03	0.03	0.02	0.06	0.12	0.20	98.6			
	50209	5.49	<0.01	0.22	0.09	0.31	0.09	0.21	0.60	98.6			
	50210	4.46	<0.01	0.77	0.21	1.20	0.27	0.45	1.49	98.4			
	50211	4.49	<0.01	1.23	0.22	1.72	0.33	0.47	0.90	99.0			
	50212	5.01	<0.01	0.98	0.19	1.26	0.29	0.45	1.28	98.7			
	50213	4.83	<0.01	1.17	0.20	1.72	0.42	0.61	1.10	98.5			
	50214	4.99	<0.01	1.07	0.18	1.52	0.39	0.58	1.68	98.8			
	50215	4.81	<0.01	0.37	0.07	0.45	0.12	0.22	0.89	97.7			
	50216	5.73	<0.01	0.95	0.17	1.27	0.38	0.57	1.49	98.3			
	50217	5.30	<0.01	0.84	0.16	1.08	0.27	0.50	0.78	98.5			
	50218	4.23	<0.01	1.08	0.22	2.03	0.38	0.56	2.39	99.6			
	50219	4.85	<0.01	0.25	0.03	0.06	0.05	0.13	0.10	99.7			
	50220	5.11	<0.01	0.86	0.17	1.25	0.29	0.46	2.05	100.0			
	50221	4.89	<0.01	0.87	0.21	1.80	0.40	0.49	2.58	99.6			
	50222	4.62	<0.01	1.19	0.20	1.42	0.29	0.52	0.59	100.0	<0.001	<0.005	<0.001
	50223	4.88	<0.01	1.03	0.20	1.37	0.31	0.47	0.90	99.8	<0.001	<0.005	<0.001
	50224	4.91	<0.01	1.15	0.19	1.43	0.32	0.52	0.40	99.3	0.002	<0.005	<0.001
	50225	4.34	<0.01	0.87	0.18	1.63	0.32	0.51	2.17	99.8			
	50226	3.99	<0.01	1.09	0.21	2.17	0.42	0.58	3.70	99.8			
	50227	4.70	<0.01	0.92	0.18	1.75	0.46	0.58	3.68	100.5			
	50228	5.51	<0.01	0.85	0.15	1.39	0.45	0.64	3.56	100.5			
	50229	5.22	<0.01	0.07	0.01	0.02	0.05	0.13	0.69	101.0			
	50230	4.07	<0.01	0.96	0.19	1.96	0.41	0.51	3.37	100.5			
	50231	4.44	<0.01	1.09	0.19	2.05	0.45	0.61	2.49	99.7			
	50232	5.18	<0.01	0.84	0.18	1.56	0.30	0.50	0.68	99.6			
	50233	4.32	<0.01	0.74	0.20	1.68	0.29	0.35	3.25	99.4			
	50234	5.26	<0.01	0.86	0.17	1.53	0.29	0.51	2.49	99.3			
	50235	4.51	<0.01	1.08	0.19	1.70	0.34	0.54	2.24	99.2			
	50236	4.58	<0.01	0.25	0.04	0.06	0.05	0.13	0.49	98.6			





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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS**

**VA10136743**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50281		0.82	<1	1345	257	3.8	10	0.69	<5	6.88	2.98	4.37	22.0	13.40	6.0	1.12
50282		0.90	<1	5760	447	10.3	10	0.37	10	12.95	4.54	11.00	16.9	30.9	6.1	1.83
50283		0.88	<1	6350	473	9.2	10	0.40	<5	13.10	4.67	11.05	16.2	31.7	4.8	1.85
50284		0.92	<1	5570	885	14.5	10	0.44	<5	20.3	7.53	17.35	15.3	52.0	2.6	2.88
50285		0.96	<1	6330	589	13.2	10	0.62	15	16.40	5.88	13.85	17.0	40.5	5.6	2.38
50286		1.04	<1	5270	584	15.6	10	0.55	24	16.15	5.41	13.40	14.5	43.5	5.4	2.27
50287		0.88	<1	5290	809	13.8	10	0.59	9	19.40	6.84	16.80	14.8	53.8	6.0	2.77
50288		0.96	<1	4640	645	12.2	10	0.38	14	16.00	5.74	14.00	15.7	44.6	5.1	2.35
50289		0.82	<1	4800	776	13.2	10	0.35	20	17.70	6.41	15.00	13.0	48.2	4.2	2.58
50290		0.80	<1	4900	695	12.5	10	0.45	<5	16.45	5.78	14.45	15.6	46.4	5.0	2.33



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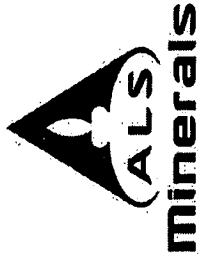
Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50281	107.0	0.27	<2	20.4	112.5	<5	16	31.3	65.4	17.65	1	868	0.9	1.54	42.2
50282	178.0	0.39	<2	35.8	257	<5	20	62.5	97.7	45.6	2	3100	1.8	3.32	20.7
50283	187.0	0.38	<2	32.4	267	<5	23	66.8	86.4	47.4	2	3940	1.8	3.41	17.90
50284	400	0.51	<2	27.4	447	5	15	115.5	74.7	72.5	1	2960	1.3	5.38	30.7
50285	237	0.45	<2	38.9	332	5	25	81.6	91.4	57.4	2	3240	1.9	4.35	24.4
50286	239	0.39	<2	36.1	333	11	17	81.5	78.6	55.8	2	3160	1.7	4.31	24.5
50287	343	0.47	<2	32.5	429	7	19	105.5	77.4	70.1	2	3280	1.6	5.27	32.6
50288	267	0.40	<2	32.2	355	15	21	88.4	87.4	58.6	2	2860	1.5	4.38	27.6
50289	342	0.42	<2	26.4	394	5	18	101.5	70.9	63.8	1	3000	1.2	4.83	26.5
50290	310	0.38	<2	36.5	375	7	20	94.9	84.4	61.3	2	2860	1.6	4.52	34.0



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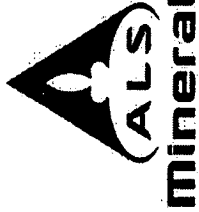
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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	ME-MS81 TI ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50281	<0.5	0.40	13.15	28	1	33.6	2.19	91	286	67.3	14.95	2.40	2.45	0.75	7.17
50282	0.6	0.44	5.40	91	1	47.7	2.66	136	273	55.0	12.25	6.02	9.17	1.94	4.12
50283	0.6	0.46	4.32	88	1	48.6	2.59	123	215	55.5	12.85	5.78	8.93	1.95	3.92
50284	<0.5	0.70	8.52	108	1	82.6	3.95	171	105	51.2	9.34	7.33	14.35	2.99	3.53
50285	0.5	0.55	8.16	105	1	62.0	3.11	158	247	53.6	11.15	6.96	11.45	2.51	3.78
50286	0.6	0.55	5.69	104	1	62.5	3.01	155	251	54.5	10.85	7.12	10.65	2.53	3.16
50287	0.6	0.65	6.96	108	1	76.3	3.60	150	251	50.2	9.96	7.17	13.45	2.68	3.01
50288	0.6	0.55	7.34	94	1	64.7	3.14	162	224	55.0	11.25	6.56	10.90	2.29	3.65
50289	<0.5	0.60	5.83	102	1	72.7	3.30	150	184	47.9	8.51	6.92	14.80	2.64	2.91
50290	0.6	0.56	7.88	98	1	65.8	3.02	164	206	56.2	11.45	6.83	10.65	2.46	3.90



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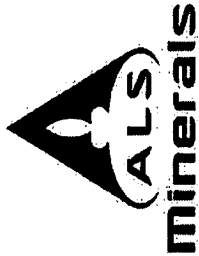
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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15- OCT- 2010  
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**CERTIFICATE OF ANALYSIS VA10136743**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %	ME-ICP06 BaO %	ME-ICP06 LOI %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50281		2.98	<0.01	0.43	0.05	0.15	0.10	0.15	0.50	99.4			
50282		5.32	<0.01	0.96	0.15	0.94	0.36	0.65	1.68	98.6	0.001	<0.005	<0.001
50283		5.82	<0.01	0.88	0.15	1.05	0.46	0.72	1.39	99.4	<0.001	<0.005	<0.001
50284		3.83	<0.01	0.98	0.21	2.13	0.35	0.63	2.20	99.1			
50285		4.66	<0.01	1.14	0.18	1.43	0.38	0.71	1.56	99.5			
50286		4.93	<0.01	1.18	0.19	1.46	0.36	0.57	0.20	97.7			
50287		4.25	<0.01	1.04	0.20	2.14	0.37	0.60	2.38	97.5			
50288		4.66	<0.01	0.92	0.19	1.68	0.32	0.51	1.39	99.3			
50289		3.31	<0.01	0.96	0.18	2.13	0.35	0.53	4.17	95.3			
50290		4.39	<0.01	1.06	0.19	1.81	0.33	0.54	1.09	101.0	<0.001	<0.005	<0.001



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Page: 1  
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**CERTIFICATE VA10137284**

Project: Eden Lake  
 P.O. No.:  
 This report is for 32 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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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:**

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-OCT-2010  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10137284**

Sample Description	Method Analyte Units LOR	WEI 21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50169		2.00	<1	1240	125.5	2.3	20	1.74	<5	3.92	1.76	1.92	20.4	7.54	12.5	0.63
50170		6.50	<1	5280	683	11.7	10	0.92	8	17.10	5.96	14.45	14.9	46.8	7.0	2.39
50171		5.98	<1	6240	711	11.1	<10	0.92	9	17.05	6.07	14.65	15.4	48.2	5.9	2.43
50172		6.04	<1	6530	718	12.5	10	0.80	7	17.85	6.16	15.45	13.6	50.9	4.7	2.46
50173		6.66	<1	6490	729	13.1	10	0.72	9	18.60	6.17	15.75	12.9	52.5	4.4	2.55
50174		7.22	<1	5430	523	10.3	<10	1.04	17	14.00	4.72	11.80	15.0	38.4	4.1	1.91
50175		6.82	<1	4880	872	14.4	<10	0.47	17	20.1	6.88	17.75	13.0	58.3	5.0	2.82
50176		6.46	<1	5370	611	9.6	10	0.76	5	17.25	5.83	14.35	14.7	45.7	5.0	2.33
50177		5.84	<1	6170	628	10.4	10	1.62	7	17.40	5.72	14.20	17.1	46.5	4.3	2.35
50178		4.80	<1	5770	732	14.5	10	1.49	19	19.90	6.56	16.95	16.4	55.3	4.3	2.66
50179		3.76	<1	1150	95.3	1.9	10	1.49	<5	2.96	1.32	1.56	20.6	5.81	9.3	0.48
50180		4.90	<1	3720	266	4.2	10	0.70	<5	7.83	2.74	6.40	18.3	20.9	3.3	1.07
50181		4.46	<1	4740	612	8.8	10	0.69	7	17.35	5.84	13.90	17.9	45.4	4.8	2.39
50182		4.32	<1	5830	521	6.5	10	0.97	5	14.75	5.14	11.95	18.4	38.5	5.8	2.03
50183		2.30	<1	2180	546	5.5	<10	0.54	<5	13.40	4.84	10.70	17.2	36.0	4.0	1.89
50184		6.68	<1	3080	302	3.6	<10	0.94	<5	9.73	3.36	7.59	20.6	24.1	4.6	1.33
50185		5.70	<1	2520	275	3.3	10	1.01	<5	7.63	2.73	5.78	21.3	19.10	5.7	1.08
50186		4.24	<1	4190	465	4.1	<10	0.99	7	11.15	3.93	8.79	18.8	29.4	3.7	1.60
50187		3.80	<1	5360	233	2.0	10	0.95	7	6.28	2.22	4.98	18.4	15.75	2.5	0.90
50188		3.18	<1	5440	453	8.6	10	0.64	<5	13.65	4.51	10.90	18.2	34.3	4.7	1.88
50189		2.60	<1	5170	604	7.7	<10	0.61	<5	16.65	5.78	13.10	17.9	42.9	5.2	2.32
50190		5.60	<1	5140	423	7.4	10	1.39	<5	11.95	4.06	9.61	18.7	31.4	4.6	1.62
50191		3.68	<1	3830	280	4.5	10	1.17	5	7.92	2.78	6.47	20.2	20.4	4.4	1.10
50192		4.64	<1	6620	506	9.1	10	0.79	<5	14.55	4.78	11.70	17.3	37.7	5.0	2.02
50193		3.36	<1	6070	494	8.0	10	0.72	7	14.50	4.80	11.50	17.4	36.8	5.3	1.97
50194		7.52	<1	5160	521	7.0	10	0.75	6	15.85	5.52	12.80	19.3	41.0	5.2	2.26
50195		3.32	<1	1930	170.5	3.0	10	1.56	<5	5.30	2.07	3.27	20.8	11.55	10.8	0.82
50196		4.70	<1	6090	521	9.3	10	0.81	10	16.00	5.48	12.40	17.4	39.2	5.4	2.18
50133		1.10	<1	1110	163.5	29.3	370	0.35	<5	9.95	3.79	6.45	14.6	19.35	10.3	1.45
50134		2.40	<1	2910	400	5.0	10	1.11	8	10.60	3.85	7.88	20.3	26.6	4.4	1.51
50135		2.60	<1	2610	351	7.5	20	2.08	31	7.94	3.07	5.95	24.6	20.3	8.4	1.20
50280		0.72	<1	4260	354	6.7	20	0.28	16	10.60	3.76	8.13	19.5	26.1	5.5	1.47



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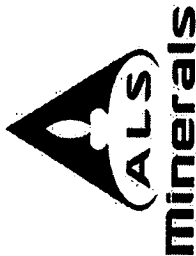
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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15- OCT- 2010  
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**CERTIFICATE OF ANALYSIS VA10137284**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tl ppm	ME-MS81 Th ppm
50169	59.7	0.18	<2	13.6	52.2	<5	47	15.05	161.0	9.19	2	428	1.0	0.91	62.4
50170	285	0.46	<2	38.1	376	6	22	93.8	92.3	61.9	2	2770	2.0	4.89	31.3
50171	295	0.45	<2	32.8	390	7	29	97.5	94.4	63.8	2	3260	1.6	4.90	40.2
50172	297	0.44	<2	34.6	405	6	20	100.0	81.4	67.0	2	3610	1.8	5.20	29.8
50173	308	0.44	<2	35.9	416	6	18	101.5	76.9	69.7	2	3670	1.9	5.28	24.3
50174	213	0.33	<2	26.2	303	<5	21	73.1	103.5	50.4	2	3360	1.4	4.01	21.1
50175	373	0.49	<2	38.0	478	5	23	119.5	72.2	76.7	2	3030	1.9	5.96	30.1
50176	241	0.42	<2	36.5	355	5	17	88.5	101.5	60.6	2	2280	1.6	4.84	26.1
50177	258	0.43	<2	33.3	360	<5	21	89.3	107.5	61.4	2	2910	1.6	4.58	29.5
50178	301	0.49	<2	33.2	413	<5	26	102.5	88.5	70.0	2	2990	1.8	5.41	28.2
50179	46.1	0.15	<2	10.2	38.8	<5	48	11.25	155.0	6.83	1	453	0.8	0.67	37.5
50180	101.5	0.24	<2	22.8	153.5	<5	11	38.2	120.5	26.7	1	1555	1.1	2.10	16.25
50181	255	0.48	<2	35.6	339	<5	21	85.5	109.0	58.0	3	3090	1.8	4.48	24.3
50182	213	0.39	<2	30.4	284	<5	20	71.8	140.0	48.9	2	3050	1.6	3.82	21.6
50183	235	0.38	<2	14.6	281	<5	13	72.8	74.0	45.4	1	2450	0.8	3.54	18.50
50184	114.0	0.28	<2	32.9	175.5	<5	13	43.3	118.5	31.3	1	1750	1.7	2.53	68.6
50185	114.5	0.30	<2	14.4	146.0	<5	15	37.1	116.0	24.3	1	1230	0.7	1.90	50.8
50186	201	0.32	<2	14.5	232	<5	20	60.0	119.0	37.1	1	2510	0.7	2.92	20.2
50187	99.7	0.18	<2	17.8	119.5	<5	19	30.8	137.5	20.1	1	2410	0.9	1.63	12.00
50188	177.0	0.37	<2	37.6	260	<5	17	65.2	120.5	45.6	2	3040	1.9	3.49	20.8
50189	248	0.45	<2	30.9	330	<5	15	84.2	115.5	56.3	1	2800	1.5	4.31	34.6
50190	168.0	0.33	<2	31.1	240	<5	16	60.0	122.0	41.8	1	2880	1.5	3.13	39.7
50191	109.5	0.23	<2	25.6	156.5	<5	15	38.9	129.5	26.5	1	1805	1.4	2.07	21.4
50192	204	0.37	<2	37.1	288	<5	18	71.2	120.0	49.7	2	3450	1.9	3.76	20.7
50193	199.0	0.35	<2	33.4	283	6	19	70.5	123.0	48.3	2	3050	1.8	3.73	24.0
50194	195.5	0.44	<2	34.6	308	<5	18	76.4	126.0	53.8	2	2520	1.7	4.18	36.2
50195	74.3	0.22	<2	15.5	81.5	<5	41	22.0	159.5	14.35	2	768	1.1	1.23	55.9
50196	207	0.41	<2	36.8	297	<5	19	73.7	105.0	51.5	2	3750	1.8	4.04	22.7
50133	48.3	0.72	<2	29.0	122.5	68	15	27.6	48.5	25.5	2	809	0.9	2.30	6.63
50134	167.5	0.33	<2	14.0	200	6	30	52.3	145.0	33.0	1	1055	0.7	2.67	21.3
50135	152.5	0.25	<2	22.3	160.0	9	56	44.0	94.3	24.9	2	2990	0.9	2.02	16.65
50280	147.5	0.29	<2	23.1	194.5	11	19	49.0	94.7	33.6	2	3520	1.4	2.69	16.90



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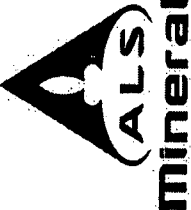
Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15- OCT- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10137284**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50169		1.3	0.22	9.09	21	1	20.1	1.33	101	480	72.8	13.50	2.47	1.04	0.36	4.42
50170		0.8	0.54	7.63	97	1	62.9	3.16	159	296	55.1	10.60	6.45	11.85	2.45	3.21
50171		0.8	0.58	9.75	89	1	65.1	3.15	150	245	54.7	11.55	6.15	11.00	2.29	3.42
50172		0.7	0.56	6.74	106	1	66.2	3.15	150	197	53.0	10.60	6.89	12.30	2.67	3.01
50173		0.7	0.54	5.32	113	1	68.2	3.02	145	192	52.3	10.30	7.11	13.25	2.79	2.82
50174		0.8	0.41	6.36	79	1	51.4	2.28	113	169	56.1	11.10	5.31	10.90	1.98	3.35
50175		0.6	0.60	7.41	116	1	75.0	3.35	154	220	50.4	8.61	7.52	15.00	2.91	2.83
50176		0.9	0.53	7.94	83	1	59.6	2.89	160	213	59.2	11.15	5.77	9.28	2.31	3.49
50177		0.5	0.53	8.19	91	1	59.5	3.05	148	174	55.0	11.20	6.00	10.75	2.15	3.41
50178		0.5	0.60	7.67	115	1	67.6	3.47	158	178	52.6	9.47	7.72	13.25	2.81	3.09
50179		0.8	0.18	6.95	20	1	15.1	1.12	80	366	73.7	13.25	2.11	0.88	0.27	4.44
50180		0.7	0.28	4.25	45	1	27.4	1.61	103	143	64.8	12.95	3.46	4.94	0.98	4.24
50181		0.5	0.57	8.54	91	2	63.2	3.31	149	188	53.6	10.40	5.78	12.85	1.96	3.43
50182		0.6	0.50	7.45	72	1	53.8	2.89	112	259	56.1	12.65	4.36	9.55	1.45	3.76
50183		<0.5	0.49	6.63	54	1	50.8	2.75	115	184	57.2	10.35	3.95	12.00	1.27	4.29
50184		0.5	0.34	9.00	41	1	33.1	2.01	113	206	62.0	13.70	3.04	6.28	0.90	4.55
50185		0.5	0.30	8.63	31	1	27.6	1.88	107	271	64.4	12.80	2.91	5.42	0.85	4.17
50186		0.6	0.39	6.31	40	1	41.7	2.27	89	155	57.9	13.15	3.05	8.07	0.92	4.13
50187		0.7	0.23	3.58	24	1	23.6	1.25	49	115	61.2	15.30	1.79	4.43	0.47	4.40
50188		0.6	0.45	6.97	81	1	48.4	2.69	126	197	58.4	12.65	5.04	7.22	1.66	3.78
50189		0.6	0.57	11.30	79	1	60.5	3.22	136	240	55.4	12.05	5.16	9.34	1.63	3.57
50190		0.6	0.40	8.26	68	1	42.6	2.32	119	211	58.8	12.65	4.69	7.33	1.52	3.80
50191		0.6	0.29	6.16	45	1	28.7	1.63	84	191	63.6	12.95	3.37	4.85	0.99	4.11
50192		0.7	0.45	5.96	90	1	51.8	2.77	128	214	55.6	12.20	5.48	8.33	1.87	3.37
50193		0.7	0.48	6.62	80	1	50.9	2.78	116	245	57.6	12.50	5.13	7.67	1.65	3.47
50194		0.7	0.54	11.25	73	1	56.6	3.14	131	236	57.6	12.45	4.72	7.63	1.47	3.77
50195		0.9	0.23	10.40	29	1	22.8	1.52	101	427	71.7	13.45	2.83	2.07	0.53	4.34
50196		0.7	0.54	6.68	90	1	57.7	3.02	124	238	55.3	12.10	5.56	9.83	1.83	3.35
50133		<0.5	0.52	5.16	194	2	35.2	3.88	319	475	55.1	11.30	11.30	14.35	5.94	3.15
50134		0.8	0.41	7.22	46	1	39.5	2.41	94	189	60.4	14.10	3.27	4.91	1.05	4.50
50135		<0.5	0.34	7.34	62	1	33.1	1.92	146	490	59.8	15.35	4.25	4.18	1.39	6.57
50280		<0.5	0.38	5.14	54	1	39.6	2.24	111	236	57.3	14.25	5.02	6.04	1.44	4.42





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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10137284**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	LOI %	OA-GRA05 %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50169		4.77	<0.01	0.29	0.04	0.07	0.05	0.14	0.20	0.01	100.0	0.001	0.005	0.001
50170		5.15	<0.01	0.98	0.21	1.65	0.33	0.60	2.24	0.70	101.0	0.001	0.005	0.001
50171		5.42	<0.01	0.83	0.20	1.86	0.38	0.70	1.58	0.72	100.0	0.001	0.005	0.001
50172		5.16	<0.01	1.06	0.21	2.00	0.42	0.74	1.94	0.74	100.0	0.001	0.005	0.001
50173		5.11	<0.01	1.17	0.21	2.07	0.43	0.62	2.60	0.62	99.8	0.001	0.005	0.001
50174		5.04	<0.01	0.78	0.16	1.50	0.40	0.54	2.78	0.54	98.4	0.001	0.005	0.001
50175		3.83	<0.01	1.16	0.22	2.24	0.35	0.62	0.68	0.62	100.5	0.001	0.005	0.001
50176		5.19	<0.01	0.96	0.18	1.61	0.27	0.70	2.15	0.70	99.6	0.001	0.005	0.001
50177		5.27	<0.01	0.86	0.18	1.55	0.33	0.67	2.15	0.67	99.2	0.001	0.005	0.001
50178		4.32	<0.01	1.00	0.22	2.03	0.34	0.13	0.49	0.13	100.0	0.001	0.005	0.001
50179		4.60	<0.01	0.21	0.04	0.05	0.05	0.44	1.60	0.44	100.0	0.001	0.005	0.001
50180		5.63	<0.01	0.39	0.11	0.44	0.17	0.35	4.32	0.35	100.0	0.001	0.005	0.001
50181		4.80	<0.01	0.65	0.19	1.33	0.35	0.67	3.42	0.67	100.0	0.001	0.005	0.001
50182		6.02	<0.01	0.56	0.14	0.98	0.34	0.25	6.08	0.25	100.5	0.001	0.005	0.001
50183		3.40	<0.01	0.25	0.15	1.04	0.28	0.36	2.80	0.36	100.5	0.001	0.005	0.001
50184		5.79	<0.01	0.47	0.12	0.42	0.20	0.29	3.05	0.29	100.0	0.001	0.005	0.001
50185		5.52	<0.01	0.15	0.11	0.35	0.14	0.47	4.59	0.47	99.4	0.001	0.005	0.001
50186		5.77	<0.01	0.20	0.11	0.73	0.28	0.61	2.71	0.61	98.7	0.001	0.005	0.001
50187		6.96	<0.01	0.25	0.06	0.25	0.27	0.61	1.09	0.61	98.5	0.001	0.005	0.001
50188		5.93	<0.01	0.84	0.15	0.78	0.33	0.59	2.50	0.59	98.4	0.001	0.005	0.001
50189		5.90	<0.01	0.60	0.17	1.15	0.32	0.59	1.10	0.59	98.4	0.001	0.005	0.001
50190		5.87	<0.01	0.68	0.14	0.86	0.32	0.45	0.99	0.45	98.3	0.001	0.005	0.001
50191		5.63	<0.01	0.46	0.10	0.56	0.20	0.75	1.10	0.75	97.2	0.001	0.005	0.001
50192		6.07	<0.01	0.96	0.16	0.98	0.38	0.69	0.89	0.69	98.1	0.001	0.005	0.001
50193		6.21	<0.01	0.76	0.15	1.03	0.34	0.58	1.49	0.58	97.5	0.001	0.005	0.001
50194		5.88	<0.01	0.62	0.15	0.89	0.28	0.69	2.28	0.69	99.5	0.001	0.005	0.001
50195		5.04	<0.01	0.33	0.06	0.20	0.09	0.12	0.59	0.12	99.9	0.001	0.005	0.001
50196		6.06	<0.01	0.16	0.10	1.09	0.42	0.34	1.18	0.34	97.4	0.001	0.005	0.001
50133		2.25	0.05	0.58	0.36	0.17	0.09	0.29	0.48	0.29	97.5	0.001	0.005	0.001
50134		6.35	<0.01	0.21	0.10	0.83	0.12	0.49	1.88	0.49	98.3	0.001	0.005	0.001
50135		3.39	<0.01	0.81	0.08	0.58	0.33	0.29	0.48	0.29	97.5	0.001	0.005	0.001
50280		5.68	<0.01	0.57	0.11	0.73	0.39	0.49	1.88	0.49	98.3	0.001	0.005	0.001



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Page: 1  
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**CERTIFICATE VA10139804**

Project: Eden Lake  
 P.O. No.:  
 This report is for 37 Rock samples submitted to our lab in Vancouver, BC, Canada on  
 30-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing 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	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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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:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 19-OCT-2010  
 Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10139804**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50237	3.56	<1	5620	474	10.7	10	0.46	11	13.15	4.89	10.55	15.4	34.5	6.3	1.87
50238	4.98	<1	5830	675	12.5	10	0.32	8	16.95	6.03	13.50	13.9	44.8	4.7	2.37
50239	5.84	<1	6030	449	7.6	10	0.45	7	12.10	4.27	9.66	15.5	31.9	4.0	1.84
50240	3.96	<1	5860	686	11.2	10	0.32	7	16.40	5.83	13.50	14.6	44.1	4.4	2.25
50241	6.78	<1	5650	698	12.2	10	0.29	9	16.65	5.88	13.65	13.8	45.9	5.3	2.25
50242	2.00	<1	5670	646	11.7	10	0.32	26	16.80	5.62	12.80	15.0	42.7	6.3	2.17
50243	4.34	<1	2550	241	5.5	10	0.50	5	6.05	2.14	4.96	15.0	16.35	2.0	0.85
50244	4.14	<1	5340	687	14.8	10	0.57	21	16.50	5.87	13.35	13.3	44.3	3.9	2.25
50245	3.78	<1	6520	717	13.9	10	0.96	11	17.10	6.15	13.70	13.3	44.9	3.6	2.34
50246	4.84	<1	6230	700	14.3	10	1.20	12	16.45	6.03	13.25	14.6	43.7	4.5	2.30
50247	3.84	<1	5970	759	13.7	10	0.83	17	17.00	6.04	13.65	12.9	46.0	3.7	2.33
50248	4.08	<1	5860	771	12.6	10	0.71	12	17.50	6.22	14.25	14.4	47.5	4.3	2.40
50249	7.26	<1	3360	606	7.7	10	0.88	<5	16.35	5.74	12.75	17.6	41.8	4.5	2.26
50250	3.44	<1	1855	402	5.8	10	1.13	<5	12.00	4.35	9.07	20.2	30.4	4.1	1.65
50251	5.58	<1	4260	832	10.4	10	0.90	<5	19.15	7.22	15.05	17.3	51.0	5.0	2.65
50252	2.80	<1	1690	569	3.7	<10	1.36	5	16.65	7.31	9.89	19.1	34.6	5.3	2.61
50253	3.64	<1	2480	107.5	1.4	<10	1.56	12	2.35	0.93	1.93	20.0	6.16	3.0	0.34
50254	4.26	<1	5400	863	13.7	10	0.78	<5	18.75	6.76	15.40	14.7	50.8	5.4	2.63
50255	4.42	<1	4220	511	8.7	10	0.77	<5	12.80	4.65	10.35	15.6	33.6	3.9	1.77
50256	2.68	<1	1300	117.5	2.2	20	1.88	<5	3.41	1.55	1.80	19.6	6.66	13.0	0.56
50257	2.02	<1	1315	125.0	2.5	10	0.89	<5	3.50	1.17	2.81	20.7	8.96	1.2	0.46
50258	5.16	<1	5730	768	13.9	10	0.68	22	16.50	6.68	14.95	15.3	49.0	5.5	2.50
50259	6.02	<1	715	30.6	0.5	30	0.95	<5	2.32	1.53	1.03	18.8	3.18	1.9	0.43
50300	4.18	<1	6300	647	12.0	10	1.23	23	15.60	5.40	12.80	14.5	41.4	4.8	2.22
50301	5.16	<1	3540	399	6.9	<10	1.10	20	10.20	3.62	8.17	16.7	27.1	4.0	1.39
50302	3.92	<1	6300	757	14.6	10	0.54	29	18.20	6.45	15.00	13.9	48.1	5.2	2.51
50303	4.32	<1	5470	755	14.3	10	0.45	25	18.05	6.38	14.45	14.8	47.2	5.1	2.49
50260	0.86	<1	4160	586	11.1	10	0.49	<5	14.75	5.21	11.70	15.4	38.7	4.6	2.03
50291	0.78	<1	7820	666	11.2	10	0.38	<5	16.75	5.83	13.75	15.3	44.4	5.2	2.25
50292	0.96	<1	6600	663	14.1	10	0.41	13	18.25	6.38	15.05	14.9	47.5	5.6	2.58
50293	0.90	<1	5470	704	11.6	10	0.52	<5	17.95	6.43	14.00	16.0	46.2	7.5	2.50
50294	0.94	<1	5600	753	13.5	10	0.67	<5	20.1	7.16	16.00	14.8	52.6	7.0	2.77
50295	0.72	<1	5750	708	12.2	10	0.45	18	15.55	5.56	12.80	15.1	42.9	5.1	2.12
50296	0.88	<1	7910	605	13.6	10	0.50	16	15.90	5.57	13.00	14.5	41.6	6.2	2.19
50297	0.92	<1	3330	1050	16.3	10	0.27	<5	25.5	9.25	20.8	15.9	68.2	8.1	3.54
50298	0.80	<1	6010	516	12.4	<10	0.47	20	13.80	4.74	12.05	17.0	36.0	5.1	1.92
50299	0.94	<1	5570	835	16.5	10	1.09	6	21.8	7.17	18.60	17.6	58.1	3.5	3.01



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 19-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10139804**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50237	181.0	0.36	<2	26.7	251	<5	19	60.7	72.6	43.2	2	3600	1.5	3.51	20.1
50238	266	0.41	<2	30.1	337	<5	19	81.8	76.2	56.2	2	3640	1.5	4.57	26.6
50239	169.5	0.29	<2	26.1	243	7	18	58.3	102.0	42.2	1	2730	1.3	3.24	17.25
50240	271	0.40	<2	30.5	337	<5	20	83.3	85.6	56.5	2	3590	1.6	4.43	20.7
50241	277	0.42	<2	35.1	344	<5	19	85.4	73.3	58.1	2	3750	1.6	4.61	27.3
50242	252	0.40	<2	31.8	327	<5	16	80.3	81.8	54.9	2	3600	1.7	4.25	25.9
50243	99.8	0.16	<2	12.5	123.5	<5	11	30.1	84.5	20.8	1	1455	0.7	1.67	9.37
50244	278	0.38	<2	28.7	336	6	20	82.3	70.5	57.3	2	3650	1.5	4.45	24.1
50245	296	0.39	<2	30.1	349	5	29	85.7	79.3	58.4	2	4170	1.5	4.61	23.1
50246	291	0.43	<2	32.6	333	6	37	82.8	96.9	56.7	2	3890	1.8	4.48	23.8
50247	317	0.38	<2	33.0	360	<5	28	89.5	73.4	59.1	2	4010	1.7	4.61	25.6
50248	309	0.41	<2	31.8	371	5	24	91.8	79.4	61.9	2	3560	1.6	4.77	26.4
50249	215	0.40	<2	29.4	323	<5	17	77.1	83.5	55.7	2	2160	1.5	4.32	35.3
50250	140.5	0.40	<2	24.2	228	<5	9	54.4	100.5	40.1	1	778	0.9	3.19	20.3
50251	319	0.52	<2	31.7	399	<5	14	99.7	87.3	66.7	2	1780	1.6	5.15	38.2
50252	225	0.63	<2	20.2	248	<5	14	63.6	113.0	41.8	1	1095	1.2	3.82	34.7
50253	47.2	0.08	<2	9.6	48.3	<5	34	12.30	148.5	7.96	1	1545	0.7	0.82	12.65
50254	355	0.47	<2	33.0	416	5	19	101.0	70.7	68.1	2	3350	1.7	5.11	32.1
50255	211	0.34	<2	25.3	265	<5	15	64.4	83.7	44.9	1	2190	1.4	3.44	22.3
50256	54.0	0.16	<2	11.8	46.9	<5	45	12.90	166.0	8.02	2	435	1.0	0.78	70.1
50257	40.6	0.11	<2	15.8	70.1	<5	8	16.60	103.0	12.70	1	545	0.7	0.92	13.25
50258	302	0.45	<2	36.4	381	7	15	93.0	74.2	64.7	2	3630	1.9	4.92	28.2
50259	12.4	0.32	<2	3.4	16.8	<5	11	3.87	90.7	3.59	2	329	0.5	0.43	4.97
50300	262	0.41	<2	30.5	320	5	26	78.5	104.0	53.8	2	3380	1.6	4.21	22.9
50301	155.0	0.25	<2	22.9	205	<5	14	49.5	99.9	34.7	1	2110	1.2	2.71	20.1
50302	305	0.45	<2	34.2	368	<5	22	90.2	80.5	62.9	2	3960	1.8	4.90	27.3
50303	308	0.42	<2	34.5	368	8	21	90.2	83.1	61.1	2	3410	1.8	4.84	31.5
50260	226	0.36	<2	34.7	293	5	14	71.4	77.9	50.3	2	2870	1.9	3.97	22.7
50291	257	0.40	<2	33.8	342	5	17	83.4	93.2	58.4	2	3930	1.9	4.52	22.5
50292	250	0.44	<2	32.2	359	5	18	84.8	76.1	63.6	2	3880	1.8	5.03	21.9
50293	273	0.49	<2	34.3	350	<5	17	85.1	90.6	59.6	2	2740	1.8	4.81	51.4
50294	272	0.51	<2	40.9	396	5	24	94.8	90.1	68.7	2	3270	2.1	5.34	30.0
50295	294	0.37	<2	29.6	336	<5	15	83.4	85.6	55.6	2	3420	1.6	4.26	24.3
50296	233	0.39	<2	30.2	313	12	26	75.1	88.8	54.5	2	3970	1.8	4.32	20.00
50297	399	0.62	<2	56.8	527	8	12	130.0	54.5	88.5	3	2690	3.3	7.08	39.5
50298	212	0.32	<2	34.3	283	<5	17	69.4	90.1	48.0	2	3100	2.0	3.78	21.0
50299	363	0.50	<2	31.9	450	5	21	112.0	72.3	74.5	2	3970	1.7	5.85	33.2



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Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Finalized Date: 19-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10139804**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
0.5	50237	0.5	0.42	5.95	83	1	50.7	124	291	53.5	12.00	5.78	9.96	2.03	3.88
0.6	50238	0.6	0.52	7.34	97	1	63.8	147	190	51.1	10.40	6.81	11.60	2.50	3.35
0.6	50239	0.6	0.36	4.66	58	1	44.9	110	152	56.4	12.75	4.44	6.78	1.53	3.97
0.5	50240	0.5	0.49	5.95	92	1	59.8	155	168	52.0	10.75	6.31	11.65	2.33	3.67
0.5	50241	0.5	0.49	6.82	95	1	61.5	158	209	50.7	9.83	6.94	12.60	2.54	3.24
0.5	50242	0.5	0.46	6.36	90	1	58.3	142	271	53.7	11.15	6.43	10.40	2.31	3.64
<0.5	50243	<0.5	0.19	2.14	38	1	23.8	1.15	74	64.4	11.60	3.04	5.21	1.02	4.25
<0.5	50244	<0.5	0.47	5.71	103	1	63.5	2.86	167	50.6	9.33	7.16	13.90	2.83	3.03
0.6	50245	0.6	0.51	5.93	103	1	65.8	161	145	49.5	9.83	7.03	13.70	2.80	3.06
0.6	50246	0.6	0.53	7.74	104	2	64.7	3.09	166	52.3	10.20	6.87	12.10	2.74	3.37
0.5	50247	0.5	0.51	5.56	107	1	64.9	2.88	147	48.4	9.54	6.94	13.55	2.77	3.17
<0.5	50248	<0.5	0.51	6.87	100	1	65.1	2.93	177	51.6	9.89	6.65	12.05	2.55	3.55
0.5	50249	0.5	0.49	11.15	65	1	58.3	2.93	162	56.2	11.45	4.83	8.83	1.64	4.42
0.5	50250	0.5	0.39	8.24	46	1	42.3	2.54	177	63.3	13.50	3.92	4.69	1.27	4.95
0.5	50251	0.5	0.61	11.30	84	1	74.9	3.74	168	57.0	11.00	5.91	9.90	2.15	4.11
0.6	50252	0.6	0.77	10.15	38	1	76.2	4.69	202	63.0	13.05	3.55	6.50	0.88	4.20
0.8	50253	0.8	0.09	3.70	11	1	10.3	0.64	41	87.1	16.65	1.50	1.27	0.30	5.05
<0.5	50254	<0.5	0.58	9.40	106	1	73.6	3.33	206	52.7	7.62	7.62	13.50	2.87	3.54
0.5	50255	0.5	0.37	6.59	68	1	49.2	2.43	141	60.5	10.80	5.31	9.46	1.85	3.95
1.1	50256	1.1	0.17	11.10	17	1	17.8	1.16	469	72.9	13.90	2.66	0.96	0.36	4.30
0.6	50257	0.6	0.10	1.84	20	1	11.4	0.74	94	68.5	14.35	2.70	2.19	0.58	5.37
<0.5	50258	<0.5	0.55	7.58	108	1	68.5	3.32	178	53.9	10.15	7.65	12.70	2.82	3.81
0.5	50259	0.5	0.26	1.55	10	1	19.2	2.05	36	74.7	13.25	1.16	0.59	0.08	5.18
0.6	50300	0.6	0.47	5.88	85	1	58.5	2.87	193	52.4	10.60	6.16	13.05	2.22	3.48
0.6	50301	0.6	0.30	4.50	56	1	37.6	1.88	160	59.8	11.25	4.23	7.34	1.42	3.60
0.5	50302	0.5	0.54	6.67	112	1	67.1	3.24	203	50.8	9.85	7.60	13.95	2.81	3.09
0.5	50303	0.5	0.54	6.46	105	1	66.9	3.15	196	52.7	10.25	7.20	12.80	2.63	3.35
0.5	50260	0.5	0.45	4.67	90	1	55.4	2.63	140	57.3	10.65	6.42	10.70	2.23	3.55
0.5	50291	0.5	0.49	5.15	98	1	62.1	2.92	138	53.6	11.30	6.78	11.45	2.47	3.29
0.5	50292	0.5	0.53	6.10	114	1	70.8	3.24	224	52.1	10.45	7.67	13.45	2.88	3.18
0.5	50293	0.5	0.59	14.05	96	1	68.6	3.55	321	56.1	10.90	6.82	10.95	2.48	3.65
0.6	50294	0.6	0.61	7.80	113	1	75.2	3.60	171	272	9.90	7.73	13.15	2.83	3.17
0.5	50295	0.5	0.45	5.08	94	1	58.9	2.69	195	53.9	10.65	6.45	12.15	2.42	3.28
0.6	50296	0.6	0.48	5.31	98	1	60.6	2.78	271	52.4	10.90	6.53	12.45	2.82	3.29
<0.5	50297	<0.5	0.77	8.15	152	1	94.5	4.65	315	49.2	7.78	9.85	16.15	3.48	2.89
<0.5	50298	<0.5	0.40	4.87	89	2	50.9	2.60	144	54.6	11.90	6.51	9.85	2.26	3.56
<0.5	50299	<0.5	0.60	7.33	123	2	81.4	3.90	154	47.8	8.97	7.60	16.00	3.17	2.91



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 19- OCT- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10139804**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	LOI %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
	50237	4.72	<0.01	0.94	0.14	1.31	0.41	0.61	1.97	97.3			
	50238	4.59	<0.01	1.00	0.18	1.85	0.41	0.63	1.87	96.3			
	50239	5.56	<0.01	0.87	0.13	1.11	0.31	0.65	0.99	95.3			
	50240	4.50	<0.01	0.90	0.17	1.61	0.40	0.63	2.30	97.2			
	50241	4.18	<0.01	0.90	0.20	1.92	0.42	0.60	2.38	96.5			
	50242	4.78	<0.01	0.91	0.17	1.77	0.40	0.60	1.70	98.0			
	50243	4.26	<0.01	0.42	0.07	0.69	0.16	0.28	1.76	97.2			
	50244	4.08	<0.01	0.97	0.18	2.14	0.40	0.56	2.79	98.0			
	50245	4.47	<0.01	1.00	0.18	2.06	0.46	0.69	2.60	97.4			
	50246	4.43	<0.01	1.03	0.17	1.94	0.42	0.64	1.87	98.1			
	50247	3.91	<0.01	1.10	0.17	2.01	0.44	0.62	2.48	95.1			
	50248	4.00	<0.01	1.00	0.18	1.84	0.39	0.61	1.49	95.8			
	50249	4.25	<0.01	0.72	0.15	1.05	0.24	0.37	2.17	96.3			
	50250	5.43	<0.01	0.46	0.15	0.59	0.08	0.20	0.50	99.0			
	50251	4.34	<0.01	0.84	0.19	1.59	0.20	0.48	1.59	99.3			
	50252	5.64	<0.01	0.35	0.14	0.44	0.12	0.19	2.10	100.0			
	50253	7.30	<0.01	0.16	0.03	0.06	0.17	0.27	0.88	100.5			
	50254	3.82	<0.01	1.01	0.21	2.21	0.37	0.57	1.57	99.7			
	50255	4.22	<0.01	0.65	0.16	1.38	0.25	0.48	2.28	101.5			
	50256	5.00	<0.01	0.27	0.04	0.07	0.05	0.14	0.40	100.5			
	50257	5.17	<0.01	0.31	0.09	0.12	0.06	0.15	0.29	99.9			
	50258	3.98	<0.01	1.14	0.21	2.02	0.40	0.61	1.47	101.0			
	50259	3.65	<0.01	0.04	0.02	0.05	0.04	0.08	0.60	99.4			
	50300	4.66	<0.01	0.94	0.17	1.56	0.37	0.67	3.80	100.0			
	50301	5.02	<0.01	0.63	0.11	0.94	0.24	0.40	1.28	96.3			
	50302	4.50	<0.01	1.17	0.20	1.87	0.44	0.67	3.24	100.0			
	50303	4.70	<0.01	1.09	0.19	1.85	0.38	0.58	2.28	100.0			
	50260	4.64	<0.01	0.95	0.17	1.52	0.32	0.48	1.49	100.5			
	50291	5.36	<0.01	1.02	0.18	1.70	0.43	0.83	1.29	99.7			
	50292	4.78	<0.01	1.10	0.20	1.97	0.43	0.71	2.45	101.5	<0.001	<0.005	<0.001
	50293	5.04	<0.01	0.92	0.19	1.73	0.31	0.59	1.00	100.5			
	50294	4.62	<0.01	1.15	0.21	1.92	0.37	0.60	2.38	99.7			
	50295	4.85	<0.01	0.93	0.17	1.73	0.38	0.63	2.67	100.0	0.005	<0.005	<0.001
	50296	5.00	<0.01	0.86	0.17	1.50	0.44	0.84	2.39	99.6	<0.001	<0.005	<0.001
	50297	3.52	<0.01	1.53	0.27	2.26	0.30	0.37	2.20	99.8			
	50298	4.75	<0.01	1.06	0.16	1.23	0.38	0.70	1.79	98.8	<0.001	<0.005	<0.001
	50299	3.66	<0.01	0.96	0.20	2.47	0.43	0.55	3.48	98.2			



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Page: 1  
 Finalized Date: 10- NOV- 2010  
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**CERTIFICATE VA10146612**


Project: Eden Lake  
 P.O. No.:  
 This report is for 52 Rock samples submitted to our lab in Vancouver, BC, Canada on  
 25- OCT- 2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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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:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10- NOV- 2010  
 Account: MEDRES

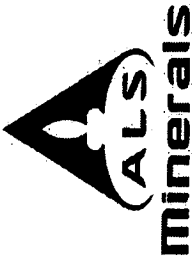
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**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	Sample Description	WEI-21 Rec'd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	50304	2.22	<1	5070	803	14.3	10	0.45	10	18.95	6.63	15.20	17.3	51.6	5.6	2.61
	50305	3.82	<1	2930	342	7.3	10	0.72	23	8.97	3.23	6.99	16.2	23.4	4.3	1.23
	50306	6.50	<1	4620	660	13.8	10	0.56	27	17.25	6.22	13.80	17.1	45.7	6.2	2.40
	50307	4.50	<1	4410	599	13.1	10	0.61	33	14.75	5.24	11.85	17.2	39.5	4.3	2.01
	50308	3.52	<1	1285	132.0	2.3	10	0.84	<5	3.48	1.23	2.78	19.1	9.19	1.4	0.47
	50309	3.62	<1	4350	676	12.7	10	0.60	8	16.95	6.11	13.65	18.3	46.0	5.5	2.37
	50310	4.94	<1	5160	756	16.3	10	0.52	29	19.35	6.87	15.40	16.7	52.0	5.6	2.60
	50311	3.26	<1	4840	605	14.8	10	0.45	32	16.30	5.89	13.10	18.8	42.8	5.6	2.24
	50312	4.42	<1	4710	515	10.9	10	0.46	12	13.80	4.89	11.00	17.8	35.8	6.3	1.93
	50313	5.58	<1	5420	630	14.2	10	0.68	13	17.10	6.09	13.55	17.4	44.2	4.8	2.40
	50315	4.76	<1	6080	577	14.9	10	0.42	20	15.80	5.49	12.60	16.2	40.8	4.0	2.12
	50316	6.60	<1	1765	174.5	1.6	10	0.56	5	3.43	1.28	2.94	20.7	9.91	1.6	0.48
	50317	5.32	<1	1560	142.0	1.9	10	0.52	<5	3.71	1.32	2.88	21.1	9.59	3.1	0.50
	50318	5.86	<1	4800	572	11.7	10	0.39	<5	15.05	5.31	12.15	17.4	39.3	5.3	2.06
	50319	6.24	<1	2910	355	7.1	10	0.52	9	8.99	3.21	7.20	18.9	23.9	3.3	1.25
	50320	4.12	<1	2820	409	7.7	10	0.52	<5	9.76	3.58	8.16	18.0	27.0	3.3	1.37
	50321	6.56	<1	5090	589	13.1	10	0.56	11	14.95	5.37	12.35	17.1	39.4	4.7	2.04
	50322	4.34	<1	5180	441	10.7	10	0.61	8	13.10	4.51	10.30	17.2	33.2	5.3	1.79
	50323	6.70	<1	5190	590	12.2	10	0.49	6	15.85	5.59	12.40	18.2	41.2	5.9	2.17
	50324	5.70	<1	1625	169.0	3.1	10	0.32	<5	4.17	1.61	3.25	22.0	10.90	3.5	0.58
	50325	2.60	<1	5300	805	13.1	10	1.44	6	17.65	6.37	14.40	17.3	49.6	5.5	2.45
	50326	5.54	<1	6650	589	5.7	<10	1.12	16	11.90	4.70	9.34	15.4	32.1	4.1	1.73
	50327	8.14	<1	8230	>10000	3.7	<10	1.04	<5	28.5	6.75	48.3	44.9	84.2	2.8	3.70
	50328	4.46	<1	8440	795	0.8	<10	1.49	<5	20.1	7.26	14.80	15.9	48.3	2.2	2.85
	50329	4.88	<1	3110	>10000	4.3	<10	0.34	9	28.7	6.90	52.0	53.0	89.0	2.2	3.67
	50330	4.00	<1	6580	>10000	4.7	<10	0.72	18	32.6	8.28	58.1	59.6	99.8	2.1	4.14
	50331	4.68	<1	7500	>10000	5.5	<10	0.64	<5	29.6	8.01	45.4	38.9	85.5	2.6	3.96
	50332	3.98	<1	5860	2570	10.2	<10	0.67	5	29.0	12.70	24.0	24.5	93.4	4.2	4.34
	50333	6.50	<1	7740	2330	6.8	<10	0.86	<5	17.05	7.40	17.30	21.7	72.3	4.3	2.32
	50334	8.00	<1	3310	923	8.5	<10	0.63	<5	24.9	8.94	19.40	15.4	65.1	3.3	3.50
	50335	5.78	<1	4950	223	2.2	<10	1.19	58	5.36	2.02	4.22	18.3	14.10	3.4	0.75
	50336	3.36	<1	5340	>10000	8.9	<10	0.38	30	32.4	7.01	68.0	58.3	118.5	3.9	3.88
	50337	3.94	<1	6620	663	6.8	<10	0.43	12	17.65	6.43	12.75	15.4	42.8	4.2	2.48
	50338	4.14	<1	>10000	1725	5.6	<10	0.93	33	18.55	7.31	16.55	17.8	62.6	2.2	2.55
	50339	2.98	<1	7730	3130	5.3	<10	0.81	16	26.7	11.55	22.9	24.4	96.7	3.2	3.89
	50340	3.22	<1	4160	9210	8.7	<10	0.39	41	34.8	10.60	41.3	47.4	73.1	1.9	5.12
	50341	3.32	<1	4080	3870	9.9	<10	0.37	<5	25.9	12.10	26.2	28.2	111.0	3.6	3.69
	50342	5.94	<1	9850	1235	9.5	<10	0.78	<5	20.9	8.80	15.80	16.4	56.8	5.1	3.22
	50343	4.76	<1	8830	592	9.1	<10	0.97	10	14.95	5.57	11.55	17.0	36.3	6.6	2.19
	50344	3.24	<1	6050	611	12.8	40	1.81	<5	18.70	6.91	13.60	18.7	43.9	8.0	2.66

Comments: Samples with high rare earth metals will have low whole rock totals\*.





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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10- NOV- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50304	356	0.47	<2	40.5	398	7	26	100.5	88.2	66.4	2	3160	1.9	5.19	32.1
50305	143.5	0.24	<2	21.1	177.5	5	19	44.5	104.5	29.6	1	1840	1.2	2.41	14.95
50306	278	0.46	<2	37.4	345	7	25	85.1	88.0	58.1	2	2940	2.0	4.68	27.6
50307	257	0.36	<2	28.8	303	11	16	76.2	86.9	51.0	2	2670	1.5	3.96	23.9
50308	53.8	0.10	<2	11.2	70.3	<5	14	17.45	113.0	11.80	1	620	0.6	0.94	6.95
50309	280	0.45	<2	33.3	344	6	17	86.3	98.6	57.6	2	2450	1.8	4.59	30.4
50310	318	0.49	<2	35.1	392	8	17	96.4	85.6	65.8	2	3020	1.8	5.27	35.0
50311	260	0.46	<2	33.7	318	7	24	77.9	82.9	54.8	3	2860	2.2	4.38	26.6
50312	213	0.36	<2	26.2	275	6	18	67.0	87.2	47.2	2	2930	1.3	3.70	20.7
50313	258	0.44	<2	34.6	340	7	23	82.7	90.2	58.8	2	2850	1.7	4.58	39.3
50315	236	0.40	<2	32.4	312	7	20	76.7	78.2	54.1	2	3560	1.6	4.16	23.3
50316	81.0	0.11	<2	9.1	81.2	<5	9	21.4	114.0	12.55	1	835	0.5	0.98	8.16
50317	55.0	0.11	<2	8.9	75.1	<5	6	18.60	109.0	12.60	1	556	0.5	0.99	16.85
50318	224	0.41	<2	33.1	306	5	16	75.4	91.4	51.7	2	2730	1.6	4.10	29.6
50319	147.5	0.24	<2	20.1	182.5	6	17	45.8	97.5	31.1	1	1870	0.9	2.44	18.55
50320	167.5	0.27	<2	19.9	213	5	12	53.3	91.4	35.2	1	1580	1.1	2.71	20.00
50321	245	0.38	<2	31.5	310	6	20	76.3	94.2	52.5	2	3120	1.6	4.06	24.9
50322	174.0	0.36	<2	34.3	251	5	28	60.1	96.7	43.4	2	3300	1.7	3.47	18.90
50323	252	0.42	<2	36.9	311	5	24	76.5	90.3	53.0	2	3220	2.1	4.18	27.8
50324	76.3	0.17	<2	7.8	85.7	<5	11	21.5	148.0	13.55	1	843	0.6	1.09	43.3
50325	363	0.47	<2	27.0	389	5	30	99.5	90.6	62.9	2	3320	1.6	4.94	36.9
50326	300	0.33	<2	7.2	253	<5	39	68.0	108.5	39.1	1	4720	0.4	3.26	18.30
50327	9260	0.48	<2	17.0	3880	<5	75	>1000	107.0	310	1	6300	0.4	7.51	269
50328	396	0.37	<2	27.7	357	<5	78	93.6	132.5	61.5	1	5250	0.7	5.20	56.6
50329	>10000	0.51	<2	9.8	4680	<5	52	>1000	34.3	342	1	6950	0.2	7.50	359
50330	>10000	0.57	<2	11.3	5230	<5	60	>1000	83.7	384	1	6420	0.2	8.65	422
50331	7640	0.57	<2	6.3	3310	<5	58	>1000	86.7	279	1	6390	0.1	7.69	191.5
50332	1525	0.80	<2	9.5	891	<5	43	261	82.1	114.0	2	4500	0.3	8.36	26.3
50333	1400	0.41	<2	10.6	733	<5	52	225	98.5	85.8	1	6050	0.7	5.72	32.7
50334	374	0.64	<2	15.2	494	<5	31	120.5	75.8	84.4	2	4440	0.8	6.72	28.9
50335	101.5	0.17	<2	10.3	109.5	<5	24	28.0	156.0	17.70	1	1460	0.6	1.41	10.65
50336	>10000	0.51	<2	10.3	5550	<5	47	>1000	50.1	458	1	6830	0.6	9.44	240
50337	330	0.47	<2	10.7	308	<5	33	78.1	105.5	53.3	1	4230	0.4	4.54	13.70
50338	973	0.35	<2	22.4	579	<5	89	172.0	128.5	73.8	1	5460	0.5	5.48	31.1
50339	1895	0.68	<2	20.3	916	<5	47	294	110.5	106.5	1	5450	0.4	7.96	61.2
50340	5950	0.82	<2	14.9	2590	<5	64	890	46.5	246	1	7170	0.3	8.10	160.0
50341	2580	0.56	<2	12.7	1270	<5	42	400	37.3	140.0	1	6380	0.2	9.29	52.0
50342	737	0.53	<2	9.5	497	<5	42	143.5	109.0	71.3	1	5350	0.4	5.70	25.1
50343	315	0.36	<2	24.1	295	<5	45	79.0	127.0	50.7	2	4760	1.3	3.99	17.90
50344	283	0.43	<2	32.1	336	42	36	85.5	130.5	58.9	2	3650	1.5	4.74	19.75

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
50304	0.7	0.63	7.60	119	<1	74.2	3.51	173	225	52.5	10.05	7.22	13.65	2.65	3.54
50305	0.8	0.31	4.07	53	<1	34.8	1.70	89	170	59.4	12.45	3.92	6.03	1.19	4.29
50306	0.7	0.58	7.10	107	27	68.6	3.24	160	251	53.1	10.10	6.92	13.55	2.56	3.64
50307	0.7	0.48	5.13	98	<1	57.8	2.62	132	181	54.7	10.45	6.22	12.00	2.34	3.63
50308	0.9	0.12	1.88	23	<1	12.8	0.71	52	48	67.9	12.70	1.92	2.45	0.51	4.63
50309	0.8	0.58	9.29	106	<1	65.9	3.15	157	207	55.2	10.10	6.66	11.75	2.48	3.80
50310	0.7	0.62	8.93	126	<1	74.9	3.48	167	220	52.0	9.12	7.65	14.35	2.97	3.31
50311	0.7	0.56	8.04	111	<1	68.4	3.23	148	203	55.6	10.30	6.90	11.85	2.52	3.72
50312	0.7	0.46	5.77	87	<1	55.4	2.50	124	244	55.6	11.40	5.53	10.60	2.07	4.01
50313	0.8	0.57	8.02	112	<1	67.6	3.12	156	199	53.4	10.45	6.81	11.50	2.58	3.41
50315	0.7	0.51	5.65	113	<1	62.4	2.83	148	158	54.1	11.00	6.93	11.50	2.62	3.35
50316	0.9	0.12	2.23	18	<1	12.8	0.71	54	58	66.6	13.90	1.70	1.93	0.32	4.86
50317	0.9	0.13	3.10	18	<1	13.8	0.78	60	132	67.3	13.80	1.98	1.78	0.34	5.03
50318	0.7	0.50	8.35	102	<1	58.7	2.82	155	222	56.1	11.40	6.41	10.05	2.23	4.17
50319	0.7	0.30	5.06	63	<1	36.0	1.69	99	136	63.1	12.25	3.94	6.11	1.28	4.69
50320	0.7	0.34	4.43	63	<1	38.6	1.84	101	133	63.2	11.85	4.19	6.33	1.38	4.54
50321	0.8	0.50	6.37	107	<1	59.9	2.78	146	187	55.2	11.20	6.48	10.30	2.37	3.85
50322	0.8	0.43	5.73	95	1	51.6	2.41	137	216	56.4	12.25	5.78	8.62	1.99	3.95
50323	0.8	0.53	7.07	111	<1	62.4	2.99	154	232	55.8	11.25	6.66	10.55	2.31	3.78
50324	1.0	0.16	7.70	27	1	17.8	1.05	45	108	68.2	12.50	2.17	2.76	0.59	4.16
50325	0.8	0.57	7.81	110	<1	70.6	3.24	165	222	52.2	10.45	7.24	12.75	2.66	3.53
50326	0.8	0.47	3.63	42	<1	53.5	2.50	91	172	47.5	13.40	3.55	13.70	1.17	3.85
50327	0.5	0.75	32.3	46	1	88.7	4.18	68	112	45.9	14.85	3.60	12.75	0.24	3.72
50328	0.9	0.68	72.7	11	<1	77.3	3.37	19	86	51.2	15.45	0.51	10.10	0.09	4.84
50329	<0.5	0.76	17.35	50	1	90.1	4.35	80	91	43.1	14.05	4.04	14.50	0.27	4.98
50330	0.5	0.84	22.4	61	1	102.0	4.88	85	89	43.1	13.75	4.32	14.35	0.26	3.70
50331	0.5	0.86	14.30	52	1	102.0	4.87	102	140	44.0	13.35	4.52	14.85	0.98	3.71
50332	0.6	1.18	8.74	77	<1	126.0	6.24	153	156	46.6	12.75	6.82	14.65	2.14	3.77
50333	0.8	0.58	6.70	49	<1	68.3	3.16	94	186	47.0	13.10	4.22	14.90	1.22	3.80
50334	0.6	0.87	9.76	79	1	102.5	4.67	119	168	38.3	7.26	5.58	24.2	1.93	2.63
50335	1.2	0.20	3.75	23	<1	21.5	1.17	52	146	61.7	15.05	1.83	3.48	0.50	4.53
50336	<0.5	0.73	21.5	61	1	90.7	4.38	81	206	45.5	15.30	4.69	11.10	0.29	4.62
50337	0.8	0.65	5.13	39	<1	74.3	3.51	81	174	46.6	12.20	3.56	15.55	0.94	3.87
50338	0.9	0.61	6.61	15	<1	72.4	3.04	42	79	51.5	15.20	0.82	11.05	0.06	4.45
50339	0.8	1.02	8.47	44	<1	113.0	5.36	61	120	47.5	13.15	2.91	15.10	0.42	4.01
50340	<0.5	1.27	12.95	57	<1	127.0	6.93	66	65	42.1	13.45	3.85	16.65	0.27	4.75
50341	0.85	0.85	9.08	74	<1	99.6	4.81	156	134	41.6	13.95	6.85	15.90	1.80	4.45
50342	0.7	0.80	6.15	69	<1	86.0	4.41	143	219	43.8	13.60	6.10	14.70	1.50	3.09
50343	0.9	0.54	5.46	65	<1	59.1	2.94	129	259	51.4	15.10	5.86	8.98	1.50	3.81
50344	0.9	0.62	7.61	77	<1	71.5	3.53	160	278	54.0	14.05	5.92	7.76	2.72	3.97

Comments: Samples with high rare earth metals will have low whole rock totals".



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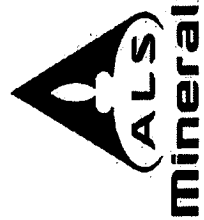
Page: 2 - D  
Total # Pages: 3 (A - D)  
Finalized Date: 10- NOV- 2010  
Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	TOT-ICP06 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
Sample Description	ME-ICP06 Total %	OA-GRA05 %	TOT-ICP06 %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm					
50304	4.20	<0.01	1.16	0.21	1.94	0.40	0.54	2.49	100.5		
50305	4.62	<0.01	0.54	0.11	0.87	0.24	0.32	2.40	96.4		
50306	4.00	<0.01	1.09	0.19	1.79	0.39	0.51	2.80	100.5		
50307	4.27	<0.01	0.96	0.17	1.67	0.35	0.48	2.49	99.7		
50308	4.83	<0.01	0.21	0.06	0.25	0.08	0.14	0.90	96.6		
50309	3.93	<0.01	0.99	0.19	1.79	0.32	0.48	1.59	99.3		
50310	3.79	<0.01	1.14	0.21	2.22	0.39	0.56	2.20	99.9		
50311	4.01	<0.01	0.98	0.19	1.87	0.36	0.52	1.70	100.5		
50312	4.45	<0.01	0.80	0.16	1.56	0.38	0.50	2.79	99.9		
50313	4.48	<0.01	1.04	0.18	1.94	0.35	0.55	2.40	99.1		
50315	5.01	<0.01	1.14	0.19	1.72	0.47	0.67	0.80	99.5		
50316	5.52	<0.01	0.19	0.05	0.16	0.11	0.19	0.20	95.7		
50317	5.23	<0.01	0.26	0.05	0.13	0.07	0.17	0.50	96.6		
50318	4.74	<0.01	1.01	0.18	1.36	0.37	0.54	1.37	99.9		
50319	4.40	<0.01	0.56	0.11	0.78	0.24	0.32	1.20	99.9		
50320	4.38	<0.01	0.65	0.12	0.86	0.21	0.32	1.30	99.3		
50321	4.74	<0.01	1.05	0.18	1.46	0.42	0.56	1.09	98.9		
50322	5.30	<0.01	1.03	0.16	1.07	0.44	0.58	0.10	97.7		
50323	4.83	<0.01	1.01	0.18	1.60	0.42	0.59	1.30	100.5		
50324	5.26	<0.01	0.18	0.05	0.47	0.11	0.18	0.10	96.7		
50325	4.41	<0.01	0.75	0.20	2.25	0.45	0.59	1.79	99.3		
50326	5.11	<0.01	0.18	0.11	1.11	0.63	0.74	9.10	100.0		
50327	4.09	<0.01	0.36	0.09	1.50	0.78	0.93	7.68	96.5		
50328	5.07	<0.01	0.30	0.06	1.42	0.63	0.89	7.09	97.7		
50329	1.65	<0.01	0.30	0.10	1.35	0.91	0.35	9.36	95.0		
50330	3.52	<0.01	0.34	0.11	1.45	0.80	0.72	8.60	95.0		
50331	3.67	<0.01	0.24	0.13	1.80	0.81	0.84	7.89	96.8		
50332	3.59	<0.01	0.36	0.17	2.07	0.62	0.67	6.00	100.0		
50333	4.52	<0.01	0.30	0.12	1.26	0.83	0.87	8.59	100.5		
50334	3.34	<0.01	0.37	0.18	2.46	0.61	0.37	12.20	99.4		
50335	6.77	<0.01	0.20	0.06	0.33	0.19	0.56	1.80	97.0		
50336	2.22	<0.01	0.29	0.10	0.90	0.83	0.58	6.29	92.7		
50337	4.72	<0.01	0.23	0.14	1.28	0.56	0.76	9.47	99.9		
50338	5.86	<0.01	0.35	0.04	1.38	0.74	1.23	7.94	100.5		
50339	4.92	<0.01	0.35	0.11	1.65	0.74	0.87	8.80	100.5		
50340	2.26	<0.01	0.30	0.11	1.85	0.90	0.47	10.45	97.4		
50341	2.14	<0.01	0.48	0.15	1.90	0.78	0.46	7.68	98.1		
50342	5.26	<0.01	0.31	0.14	1.78	0.66	1.10	8.27	100.5		
50343	5.94	<0.01	0.49	0.12	1.05	0.57	1.00	3.68	99.5		
50344	5.47	0.01	0.99	0.13	1.34	0.45	0.67	1.38	98.9		

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10146612**

Sample Description	Method Analyte Units LOR	WEF 21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ca ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50345		4.80	<1	5670	494	5.3	10	1.11	11	11.55	4.41	8.82	18.2	28.6	6.6	1.68
50346		3.64	<1	4840	264	2.8	10	1.31	<5	8.22	3.08	6.38	17.3	20.4	5.8	1.18
50347		4.28	<1	6780	244	3.3	10	1.49	<5	8.38	2.96	6.54	16.7	19.25	5.9	1.21
50348		3.90	<1	6730	327	5.3	<10	1.34	<5	11.45	4.08	8.77	16.9	26.2	6.5	1.68
50349		4.60	<1	4410	766	9.9	10	0.90	<5	21.5	7.99	17.10	17.5	56.5	1.7	3.10
50350		4.60	<1	6670	321	4.5	10	1.30	<5	10.25	3.58	8.01	16.6	25.2	4.4	1.46
50351		3.94	<1	4550	299	4.5	10	1.14	<5	8.91	3.21	6.86	17.1	21.6	4.2	1.25
50352		3.70	<1	1240	109.5	2.1	20	1.69	<5	3.55	1.64	1.74	19.4	6.87	11.9	0.58
50136		4.02	<1	1250	108.0	2.0	10	1.73	<5	3.42	1.58	1.75	19.3	6.66	12.1	0.54
50137		4.20	<1	4970	539	13.3	10	1.03	386	17.75	6.26	13.45	17.6	42.6	8.3	2.53
50138		2.54	<1	1575	179.5	2.9	10	0.95	<5	5.84	2.26	4.22	22.4	13.05	8.8	0.86
50139		3.32	<1	1220	109.5	2.2	10	1.71	<5	3.54	1.60	1.70	20.1	6.58	11.0	0.58

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50345		237	0.29	<2	21.5	245	8	29	64.9	133.5	39.3	1	3320	1.0	3.02	18.55
50346		107.5	0.23	<2	26.6	160.0	<5	19	39.6	138.5	28.3	2	1955	1.4	2.22	9.31
50347		99.3	0.22	<2	26.2	146.0	111	26	36.5	155.5	26.6	2	2430	1.5	2.21	8.37
50348		123.5	0.30	<2	34.8	215	<5	24	52.0	152.5	40.3	2	2610	1.8	3.02	10.75
50349		307	0.57	<2	25.7	467	<5	20	114.5	101.0	79.7	2	2480	1.4	5.97	32.4
50350		130.5	0.27	<2	27.6	195.0	<5	25	49.1	145.5	34.9	2	2740	1.5	2.66	12.80
50351		124.0	0.26	<2	18.8	173.5	<5	19	44.0	128.0	30.5	1	2050	1.1	2.42	12.85
50352		54.8	0.17	<2	11.2	46.9	<5	41	13.45	157.5	8.10	2	416	0.9	0.81	53.8
50136		53.2	0.17	<2	10.6	45.1	<5	42	13.00	158.0	7.68	2	404	0.8	0.76	64.1
50137		213	0.51	<2	37.4	336	12	23	82.6	117.5	59.9	2	2760	2.0	4.61	26.1
50138		59.7	0.19	<2	17.6	108.0	<5	8	27.6	134.0	19.15	1	525	0.5	1.56	13.80
50139		54.5	0.17	<2	11.3	46.3	<5	42	13.55	155.0	8.01	2	424	0.8	0.80	50.3

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
	50345	0.8	0.40	5.39	39	<1	45.5	2.37	75	274	56.6	15.05	3.25	6.21	0.95	4.31
	50346	1.0	0.28	4.21	37	<1	30.4	1.64	60	235	61.9	14.65	2.46	3.84	0.73	4.16
	50347	1.1	0.28	4.61	40	<1	30.6	1.66	62	240	59.4	15.75	2.72	4.39	0.83	4.05
	50348	1.1	0.37	4.86	62	<1	42.0	2.20	92	261	56.8	14.80	3.95	5.79	1.29	3.74
	50349	0.9	0.72	8.05	107	<1	81.8	4.12	156	66	52.2	10.55	6.97	12.65	2.49	3.25
	50350	1.1	0.34	4.80	54	<1	37.1	1.93	77	176	58.4	15.30	3.42	5.64	1.10	3.76
	50351	0.8	0.30	4.04	52	<1	32.7	1.82	72	171	60.3	13.70	3.27	5.26	1.06	3.80
	50352	1.1	0.19	9.37	17	<1	17.2	1.29	86	413	68.8	13.60	2.13	0.94	0.31	4.49
	50136	1.1	0.20	11.90	18	<1	16.8	1.24	91	433	69.0	13.55	2.26	0.88	0.30	4.40
	50137	0.9	0.60	9.82	96	<1	66.3	3.51	152	341	56.0	11.80	7.03	9.94	2.63	3.58
	50138	1.1	0.23	8.02	27	<1	21.6	1.44	95	396	65.2	15.20	2.26	1.86	0.55	5.71
	50139	1.0	0.19	12.20	17	<1	17.1	1.18	89	401	70.3	13.90	2.15	0.95	0.31	4.72

Comments: Samples with high rare earth metals will have low whole rock totals".



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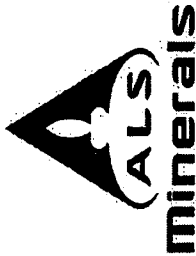
Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10- NOV- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO2 %	ME-ICP06 BaO %	ME-ICP06 LOI %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50345		6.22	<0.01	0.42	0.08	0.76	0.40	0.64	2.60	97.5			
50346		6.59	<0.01	0.58	0.06	0.35	0.24	0.54	1.19	97.3			
50347		7.47	<0.01	0.58	0.07	0.32	0.30	0.80	1.59	98.3			
50348		7.43	<0.01	0.74	0.10	0.55	0.31	0.75	2.39	98.6			
50349		5.24	<0.01	0.64	0.20	2.51	0.31	0.50	2.39	99.9			
50350		7.75	<0.01	0.65	0.09	0.59	0.34	0.77	2.50	100.5			
50351		6.47	<0.01	0.46	0.09	0.59	0.25	0.52	1.10	96.9			
50352		4.62	<0.01	0.26	0.04	0.06	0.05	0.14	1.60	97.0			
50136		4.70	<0.01	0.25	0.03	0.05	0.05	0.14	0.00	95.6	<0.001	<0.005	<0.001
50137		5.49	<0.01	0.89	0.19	1.15	0.34	0.57	1.60	101.0			
50138		5.34	<0.01	0.46	0.07	0.15	0.06	0.17	0.20	97.2			
50139		4.55	<0.01	0.26	0.04	0.06	0.05	0.14	0.30	97.7			

Comments: Samples with high rare earth metals will have low whole rock totals"



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Page: 1  
 Finalized Date: 16- NOV- 2010  
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**CERTIFICATE VA10162006**

Project: Eden Lake

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4- NOV- 2010.

The following have access to data associated with this certificate:

WILLIAM H. BIRD

CARLOS KATSURAGI

DR. HAMID MUMIN

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

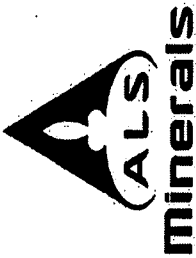
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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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:**   
 Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 16-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10162006**

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	50261	0.98	<1	5960	514	14.0	10	0.27	19	15.40	5.45	12.95	14.5	41.1	5.3	2.30
	50262	0.86	<1	5630	693	13.9	10	0.82	<5	17.85	6.36	14.90	14.8	48.5	4.5	2.67
	50263	0.82	<1	3520	773	11.5	10	0.70	6	16.75	6.19	14.10	17.5	48.0	5.3	2.53
	50264	0.84	<1	5410	632	12.4	10	0.56	8	15.75	5.65	13.00	15.2	43.1	4.3	2.38
	50265	0.98	<1	4620	700	12.2	10	0.42	<5	18.25	6.42	14.85	17.2	49.2	7.8	2.70
	50266	0.92	<1	4690	654	11.4	10	0.66	<5	16.30	6.00	13.30	16.8	44.6	6.2	2.48
	50267	0.88	<1	4640	574	11.7	10	0.50	17	15.15	5.53	12.25	17.3	39.8	7.0	2.32
	50268	0.90	<1	6000	519	10.8	10	0.61	9	13.10	4.49	11.10	18.3	36.2	5.2	1.92
	50269	1.00	<1	6040	508	10.8	10	0.76	9	16.75	5.86	13.40	16.4	42.6	6.5	2.49
	50270	0.88	<1	4670	447	8.7	10	0.65	<5	13.50	4.85	10.75	18.9	34.7	8.2	2.03
	50271	0.90	<1	5660	351	7.2	<10	0.85	5	11.50	4.01	8.84	16.7	28.6	6.3	1.72
	50272	0.82	<1	4640	338	7.0	<10	0.85	8	10.25	3.77	7.91	15.6	25.5	4.8	1.60
	50273	1.00	<1	4120	382	12.0	10	1.44	28	9.15	3.53	7.41	17.8	24.2	6.0	1.42
	50274	1.04	<1	2940	494	28.2	90	0.40	46	13.95	5.31	10.95	15.1	36.2	8.7	2.17
	50275	0.84	<1	6200	566	9.1	20	0.74	5	17.00	5.85	13.50	15.5	43.4	5.5	2.54
	50276	0.94	<1	5620	472	10.0	<10	0.55	10	14.35	5.03	11.70	14.8	36.6	4.0	2.12
	50277	0.90	<1	7310	540	11.3	10	0.63	12	15.05	5.12	12.80	14.4	40.5	4.0	2.26
	50278	0.96	<1	3460	511	18.7	90	0.34	25	15.70	5.64	11.70	15.2	38.3	7.1	2.36
	50279	0.86	<1	2540	538	17.4	70	2.08	18	9.37	3.62	7.58	20.9	26.2	5.6	1.47
	50360	0.88	<1	1545	579	24.0	20	0.43	119	15.95	5.89	12.15	15.9	40.1	9.0	2.46
	50361	0.90	<1	5750	836	18.2	10	0.54	17	21.8	7.79	17.20	15.5	55.9	6.0	3.32
	50362	0.92	<1	6340	679	10.9	<10	0.49	14	18.00	6.37	14.70	13.9	47.9	4.6	2.72
	50363	0.78	<1	5060	196.5	4.3	10	0.81	5	5.38	1.96	4.24	17.2	13.50	2.9	0.81
	50364	0.78	<1	4750	221	7.6	10	0.60	<5	7.31	2.62	5.58	15.9	17.55	3.5	1.10
	50365	0.88	<1	7220	465	14.2	10	0.75	24	13.65	4.77	10.85	14.4	34.5	4.8	2.01



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 16-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10162006**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50261	200	0.40	<2	34.8	303	<5	20	76.1	85.9	53.5	2	3890	1.7	4.18	18.20
50262	294	0.48	<2	32.3	372	<5	23	96.8	89.4	64.0	2	3940	1.6	4.78	29.0
50263	343	0.46	<2	25.0	381	<5	19	103.0	80.7	61.6	2	2560	1.3	4.57	31.7
50264	274	0.41	<2	30.1	334	<5	19	88.3	92.9	55.8	2	3690	1.4	4.31	26.9
50265	280	0.50	<2	43.7	378	<5	17	99.2	88.5	63.6	2	2150	2.1	4.91	41.2
50266	283	0.45	<2	35.8	340	<5	16	91.1	95.8	57.4	2	2790	1.7	4.41	42.8
50267	244	0.44	<2	41.4	305	<5	17	81.0	91.0	51.9	2	3140	2.2	4.02	39.7
50268	218	0.33	<2	30.0	283	<5	21	74.4	87.3	47.3	2	4350	1.7	3.56	28.9
50269	187.5	0.50	<2	41.8	312	<5	18	78.2	107.0	57.0	3	3510	2.4	4.43	27.2
50270	170.0	0.42	<2	36.7	262	<5	16	67.4	121.5	46.6	2	2290	1.9	3.58	28.6
50271	129.0	0.33	<2	35.6	213	<5	16	54.7	124.0	38.5	2	3010	1.8	2.97	19.45
50272	142.5	0.33	<2	22.8	187.5	<5	27	49.4	123.5	33.6	1	3080	1.2	2.63	19.20
50273	164.5	0.28	<2	21.6	197.0	10	29	53.4	124.0	31.9	2	3400	1.2	2.43	11.90
50274	190.5	0.52	<2	12.4	281	90	19	72.9	56.8	48.2	2	2070	0.6	3.73	27.0
50275	222	0.46	<2	41.3	330	12	21	84.1	104.5	58.1	2	3470	2.3	4.52	24.5
50276	179.0	0.37	<2	32.6	280	<5	16	70.9	101.0	49.8	2	3460	1.7	3.80	19.85
50277	226	0.37	<2	32.2	311	5	20	79.3	102.5	54.8	2	4080	1.7	4.06	17.20
50278	189.5	0.48	<2	31.8	296	73	15	77.8	78.6	51.9	2	2170	1.5	4.08	17.25
50279	280	0.26	<2	17.0	220	67	22	65.0	118.5	32.9	1	2330	0.8	2.49	19.10
50360	229	0.63	<2	30.2	311	45	13	82.5	59.0	53.8	2	1440	1.6	4.13	36.8
50361	355	0.56	<2	47.5	438	6	21	111.0	84.7	75.1	3	3760	2.3	5.77	29.9
50362	289	0.47	<2	35.5	372	<5	20	95.9	85.0	64.2	2	4840	2.0	4.86	20.5
50363	84.7	0.18	<2	13.9	109.5	<5	15	28.7	134.5	18.70	1	2290	0.8	1.40	14.05
50364	85.8	0.28	<2	31.7	135.0	5	16	34.6	114.5	24.6	1	2360	1.5	1.87	20.2
50365	185.5	0.37	<2	35.8	274	7	19	69.4	100.0	48.2	2	4510	2.1	3.65	14.85



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Page: 2 - C  
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 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0162006**

Method Analyte Units LOR	Sample Description	ME-MS81 ppm	ME-MS81 Ti	ME-MS81 Tm	ME-MS81 U	ME-MS81 V	ME-MS81 W	ME-MS81 Y	ME-MS81 Yb	ME-MS81 Zn	ME-MS81 Zr	ME-ICP06 SiO2	ME-ICP06 Al2O3	ME-ICP06 Fe2O3	ME-ICP06 CaO	ME-ICP06 MgO	ME-ICP06 Na2O
0.7	50261	0.47	5.40	102	<1	59.3	0.5	2.90	140	140	244	53.0	11.40	6.79	11.45	2.59	3.65
0.6	50262	0.56	8.01	104	<1	70.7	<1	3.54	159	175	175	50.7	10.20	7.19	14.75	2.74	3.26
0.5	50263	0.52	7.89	80	1	66.1	1	3.41	148	193	193	53.3	9.83	6.16	12.75	2.26	3.91
0.6	50264	0.48	6.48	89	<1	61.6	<1	2.89	138	181	181	52.0	10.85	6.21	13.25	2.30	3.37
0.7	50265	0.58	10.70	92	<1	68.5	<1	3.62	173	297	297	54.7	11.30	6.94	9.61	2.29	4.14
0.7	50266	0.52	10.80	96	<1	63.4	<1	3.25	151	260	260	53.9	11.15	6.59	10.45	2.32	3.69
0.6	50267	0.51	12.25	93	<1	60.2	<1	3.20	156	278	278	54.5	11.55	6.65	9.54	2.22	3.97
0.6	50268	0.39	9.93	75	<1	50.2	<1	2.47	148	189	189	54.1	12.65	5.66	8.89	2.06	4.40
0.8	50269	0.53	7.10	92	<1	63.0	<1	3.35	135	249	249	53.6	12.35	6.51	8.90	1.97	3.45
0.9	50270	0.44	9.77	80	<1	51.1	<1	2.87	140	345	345	57.1	13.00	5.75	6.88	1.66	4.45
1.0	50271	0.37	6.93	59	<1	42.2	<1	2.35	110	252	252	57.8	14.35	4.51	5.67	1.35	4.42
1.0	50272	0.35	7.70	52	<1	40.8	<1	2.31	102	192	192	55.4	14.20	4.92	6.63	1.69	4.42
0.9	50273	0.32	5.97	76	1	38.1	1	2.13	127	255	255	54.8	14.65	5.85	6.20	2.24	4.57
0.5	50274	0.50	8.11	117	<1	55.6	<1	3.40	202	334	334	51.9	7.57	9.14	13.55	5.23	3.62
0.8	50275	0.54	6.96	86	<1	62.7	<1	3.34	128	203	203	52.7	12.35	5.74	9.41	1.67	3.87
0.8	50276	0.43	4.81	79	<1	54.0	<1	2.74	114	151	151	53.2	11.85	5.37	10.20	1.80	3.59
0.7	50277	0.45	4.66	85	<1	55.7	<1	2.69	110	152	152	51.1	11.90	5.66	11.50	2.07	3.20
0.6	50278	0.52	5.50	107	<1	60.2	<1	3.38	175	255	255	51.9	9.07	8.02	12.30	4.51	3.48
1.0	50279	0.32	6.59	67	<1	40.5	<1	1.99	138	249	249	54.2	14.30	5.10	6.47	3.61	4.80
<0.5	50360	0.60	11.05	119	<1	61.9	<1	4.10	236	331	331	52.5	7.87	10.20	13.15	4.42	3.91
0.6	50361	0.69	7.98	121	<1	84.6	<1	4.19	165	225	225	50.6	10.35	7.87	12.05	2.74	3.57
0.6	50362	0.56	4.93	86	<1	69.4	<1	3.49	120	176	176	47.8	10.20	5.85	16.40	2.16	3.27
0.8	50363	0.17	3.90	28	<1	20.7	<1	1.22	63	117	117	59.4	15.95	2.37	3.33	0.70	5.08
0.7	50364	0.25	4.89	62	<1	27.4	<1	1.82	121	138	138	57.7	14.15	4.77	5.58	1.48	4.73
0.7	50365	0.42	4.37	93	<1	52.4	<1	2.61	113	180	180	53.3	12.70	6.33	9.10	2.01	3.58



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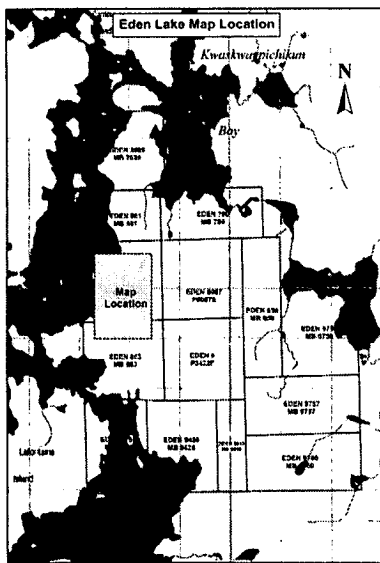
Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10162006**

Method Analyte Units LOR	ME-ICP06 k2O	ME-ICP06 Cr2O3	ME-ICP06 TiO2	ME-ICP06 MnO	ME-ICP06 P2O5	ME-ICP06 SrO	ME-ICP06 BaO	ME-ICP06 LOI	TOT-ICP06 Total	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50261	4.88	<0.01	1.14	0.17	1.50	0.48	0.72	2.09	99.9	0.001	<0.005	0.001
50262	4.33	<0.01	1.01	0.19	2.11	0.49	0.70	3.26	101.0			
50263	3.94	<0.01	0.68	0.18	1.91	0.32	0.44	3.17	98.3			
50264	5.04	<0.01	0.90	0.17	1.80	0.45	0.67	3.41	100.5			
50265	4.59	<0.01	1.07	0.20	1.42	0.27	0.59	0.79	97.9			
50266	4.81	<0.01	0.95	0.18	1.74	0.35	0.60	0.88	97.6			
50267	4.78	<0.01	1.02	0.18	1.32	0.38	0.59	0.30	97.0			
50268	4.55	<0.01	0.89	0.15	1.22	0.51	0.74	1.38	97.2			
50269	6.00	<0.01	1.02	0.18	0.84	0.43	0.73	0.99	97.0	0.001	<0.005	<0.001
50270	5.74	<0.01	0.75	0.17	0.74	0.28	0.58	1.10	98.2			
50271	6.50	<0.01	0.76	0.13	0.44	0.37	0.70	1.28	98.3			
50272	6.04	<0.01	0.44	0.12	0.87	0.38	0.59	1.58	97.3	<0.001	<0.005	<0.001
50273	5.49	<0.01	1.00	0.09	1.06	0.43	0.51	0.40	97.3	0.003	<0.005	<0.001
50274	2.89	<0.01	0.39	0.23	1.46	0.26	0.35	0.98	97.4			
50275	5.76	<0.01	0.89	0.17	0.91	0.44	0.76	2.57	97.2			
50276	5.45	<0.01	0.91	0.14	1.16	0.44	0.70	2.77	97.6	<0.001	<0.005	<0.001
50277	5.64	<0.01	0.93	0.15	1.50	0.52	0.88	2.85	97.8			
50278	3.77	<0.01	0.83	0.20	1.14	0.27	0.42	1.00	96.9	<0.001	0.005	0.001
50279	4.50	<0.01	0.68	0.10	0.89	0.29	0.31	1.59	96.8	<0.001	<0.005	0.001
50360	2.81	<0.01	0.68	0.27	1.18	0.18	0.19	0.20	97.6	<0.001	<0.005	0.003
50361	4.43	<0.01	1.24	0.21	1.79	0.48	0.71	1.39	97.4			
50362	4.56	<0.01	0.84	0.17	1.60	0.60	0.77	5.86	100.0	<0.001	<0.005	<0.001
50363	6.74	<0.01	0.26	0.07	0.26	0.27	0.62	1.19	96.2			
50364	6.05	<0.01	0.58	0.15	0.27	0.29	0.58	1.19	97.5			
50365	5.69	<0.01	1.06	0.15	0.86	0.55	0.89	1.29	97.5			

## **Appendix 4**

**Eden Lake geology map with sample locations**



### Eden Lake Geology

C. Katuragi, A. Belg and S. Giverson 2010  
 Compilation: C. Katuragi 2011

SF: >70% Syroxene (plagioclase albite) fine to coarse grained with >20% pyroxene, 2 to 5% apatite + ilmenite in a felsic/calcic matrix.  
 SS: >70% Syroxene (plagioclase albite), 10 to 30% pyroxene, 1 to 5% ilmenite and 0.5 to 3% apatite in a fine to medium grained alkali felsic matrix, zone with patches of pegmatite, syenite.  
 Sy: >70% ilmenite (probable ferrous alteration), 10 to 15% Py, 0 to 1% apatite and 0 to 2% calcite in a fine grained alkali felsic matrix.  
 : >70% Syroxene (ilmenite altered), >5% Py, 2 fluors in a fine grained alkali felsic matrix.

Note: The above classification represents the dominant lithology/texture. Zones are often interbedded to a certain degree and controlled by con to minor side apatite and pegmatite quartz-alkali felsic veins and veins.

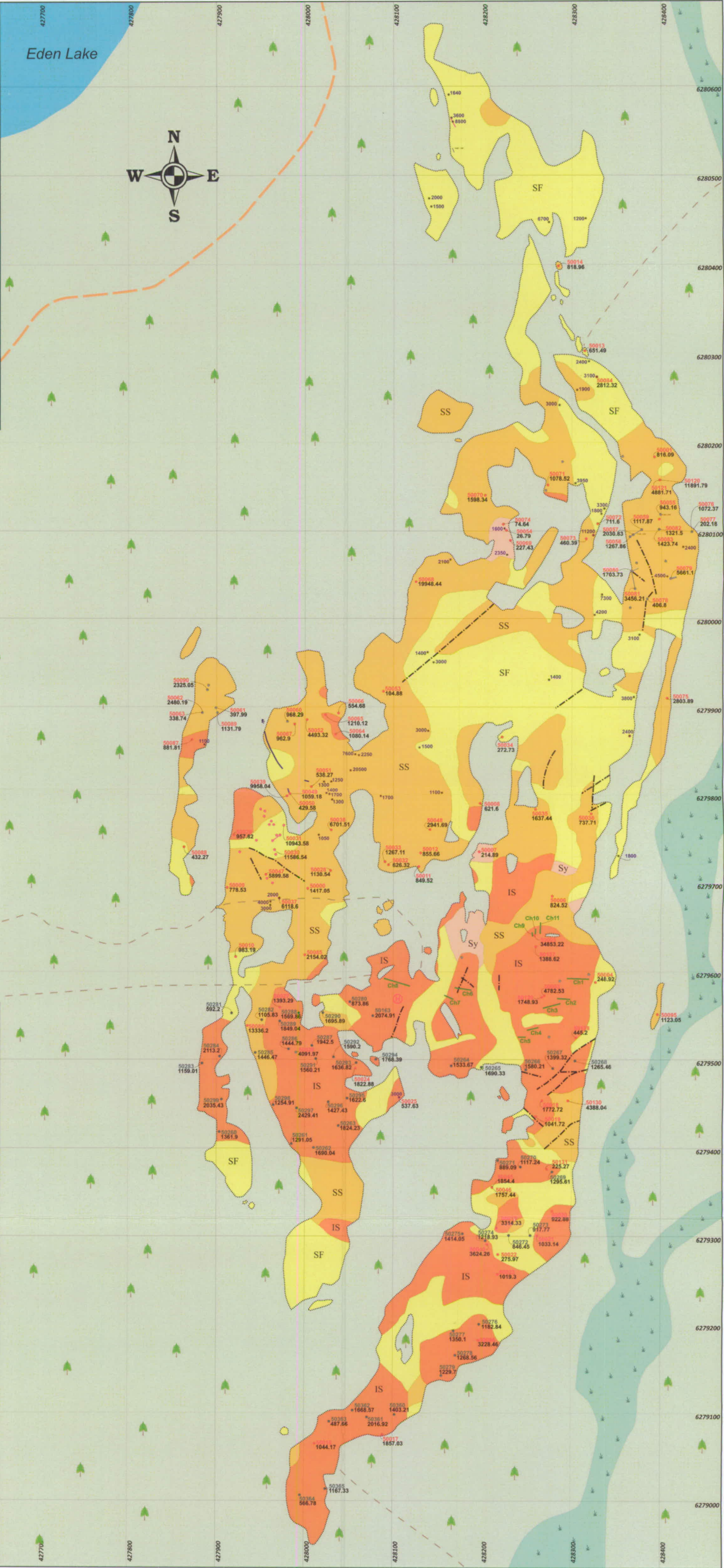
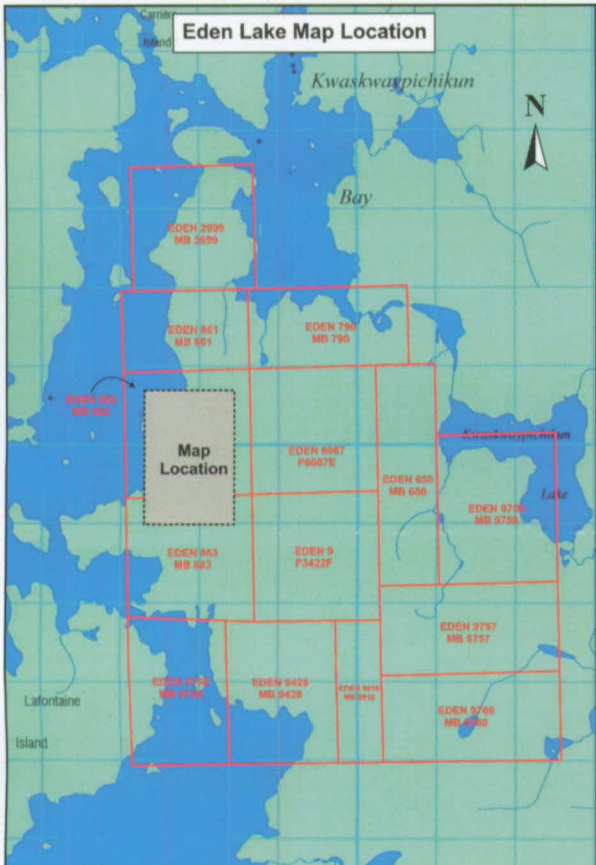
Overturn  
 Marsh

**Symbols**

Sample location, assay number (red) and total REE value (black).  
 Portable and sample location, assay number (green) and total REE value (black).  
 Chemical sample location  
 East radius (contour)  
 Fault  
 Outcrop  
 Conduit  
 MMA site  
 Alkali vein  
 Small alkali vein or pool  
 Carbonate vein  
 Small carbonate vein or pool  
 Hydro  
 Trail  
 Water road

Scale  
 0 100  
 meters  
 NAD 83 / UTM Zone 14





### Eden Lake Geology

C. Katsuragi, A. Baig and S. Gleeson 2010  
 Compilation: C. Katsuragi 2011

- IS** >70% Syenite (intense fenite alteration); fine to coarse grained with >30% pyroxene, 2 to 5% apatite ± titanite in a feldspar/calcite matrix.
- SS** >70% Syenite (strong fenite alteration); 15 to 30% pyroxene, 1 to 5% calcite and 0.5 to 3% apatites in a fine to medium grained alkali feldspar matrix, zone with patches of pegmatitic syenite.
- SF** >70% Syenite (moderate fenite alteration); 5 to 15% Px, 0 to 1% apatites and 0 to 2% calcite in a fine grained alkali feldspar matrix.
- Sy** >70% Syenite (least altered); <5% Px ± fluorite in a fine grained alkali feldspar matrix.

Obs: The above classification represents the dominant lithology/alteration. Zones are often intermixed to a certain degree and crosscut by cm to meter wide applitic and pegmatitic quartz-alkali feldspar dikes and veins.

**Overburden** (Green tree symbol)  
**Marsh** (Blue tree symbol)

**Symbols**

- 90016 1044.17 Grab sample location, assay number (red) and total REE value (black).
- 50282 1690.04 Portable drill sample location, assay number (green) and total REE value (black).
- Ch8 Channel sample location.
- 3200 Total radiation (counts/sec).
- Fault
- Outcrop
- Contact
- Mafic dike
- Allantite vein
- Small allantite vein or pod.
- Carbonatite vein
- Small carbonatite vein or pod.
- Ⓜ Helipad
- Trail
- Winter road

**Scale**  
 100 0 100  
 meters  
 NAD 83 / UTM Zone 14



**REPORT ON THE**

**EDEN LAKE PROPERTY**

**LYNN LAKE AREA, MANITOBA**

**NTS: 69C/9**

**2010 EXPLORATION PROGRAM**

**Assessment filing for 2010**

**By**

William H Bird, PhD, PGeo  
Medallion Resources Ltd  
1160-595 Howe Street  
Vancouver, BC V6C 2T5

**May 30, 2011**



# CONTENTS

<b>INTRODUCTION</b>	<b>2</b>
<b>SUMMARY OF GEOLOGY AND PAST EXPLORATION</b>	<b>2</b>
<b>LOCATION OF PROPERTY AND ACCESS AND INFRASTRUCTURE</b>	<b>2</b>
List of Property claims	
Map of Property claims	
<b>CLIMATE, VEGETATION AND TOPOGRAPHY</b>	<b>5</b>
<b>GEOLOGY OF THE EDEN LAKE COMPLEX</b>	<b>5</b>
<b>PAST WORK ON THE EDEN LAKE COMPLEX</b>	<b>6</b>
<b>TARGET COMMODITIES AND DEPOSIT TYPES</b>	<b>11</b>
<b>2010 EXPLORATION COMPLETED ON THE EDEN PROJECT</b>	<b>11</b>
<b>RESULTS OF THE 2010 MAPPING AND SAMPLING WORK</b>	<b>12</b>
General	
Geological Mapping and Sampling	
Detailed mapping	
Reconnaissance work	
Portable Drilling and Channel Sampling	
Satellite Imagery	
Mini Bulk Samples	
Core Examination	
Core logging and sample preparation facility	
Core storage	
Preliminary petrography and SEM	
<b>CONCLUSIONS AND RECOMMENDATIONS</b>	<b>18</b>
<b>APPENDICES</b>	
1. Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010	
2. Channel sample logs	
3. Ten assay certificates	

## **INTRODUCTION**

This report, authored by William H Bird, PhD, PGeo (Chairman and CEO of Medallion Resources Ltd (Medallion) and Medallion's Qualified Person, as defined by National Instrument 43-101, who is responsible for supervising the Eden Rare-Earth Project) presents the results of the Eden Rare-Earth Project 2010 exploration program carried out by Medallion under the management of independent contractor Hamid Mumin, PhD, PEng, PGeo. The area explored is known as the Eden Lake property (Property), which consists of the 14 Manitoba crown mineral claims that cover 3200 hectares (NTS 69C/9 - 56°39'N Latitude, 100°9'W Longitude). The field portion of the work, which consisted of geological mapping and sampling, was carried out between 1 June and 1 October 2010. Follow-up laboratory studies and sample assaying continued well into the last quarter of 2010.

## **SUMMARY OF GEOLOGY AND PAST EXPLORATION**

The Property is underlain by the Eden Lake carbonatite complex, which is a series of alkali intrusions, stockworks and breccias. This complex is hosted by and genetically related to alkali-rich rocks, including alkali-granite, syenite, monzonite, mafic, and ultramafic rocks. The entire suite of rocks is enriched in rare-earth elements (REE's). There are four distinct types of REE mineralization within the complex. These occur in carbonatite, metasomatic replacements, hydrothermal veins and pegmatites. The complex has the potential to host significant resources of REE's and phosphate rich apatite-bearing materials.

Rare-earth elements have been known at Eden Lake only since 1988, when detailed sampling by the Manitoba Energy and Mines Minerals Division discovered elevated levels of REE's in the core area of the Eden Project. The full characterization of the Eden Lake area as a major REE occurrence came in 2002, when REE-rich carbonatite intrusive rocks were discovered during an intense IOCG-exploration program. At the same time, more detailed high REE assays highlighted the widespread occurrence of REE's in pegmatite, hydrothermal veins and metasomatic replacements.

## **LOCATION OF PROPERTY AND ACCESS AND INFRASTRUCTURE**

Eden Lake claim area is located in northern Manitoba approximately 170 kilometres northwest of Thompson, 20 kilometres northwest of Leaf Rapids, and 59 kilometres southeast of Lynn Lake. It can be accessed from Leaf Rapids and the major mining community of Thompson via Highway 391, an all-weather paved and gravel road.

The property is situated on the east side of Eden Lake approximately six kilometres south of Highway 391. Access to the property from Highway 391 is via an approximately ten-kilometre winter logging road that connects Highway 391 with the northeast claim (Eden 790). Access can also be made by a by boat from the landing on Highway 391, and by float-plane or helicopter from Thompson, Lynn Lake or Leaf Rapids.

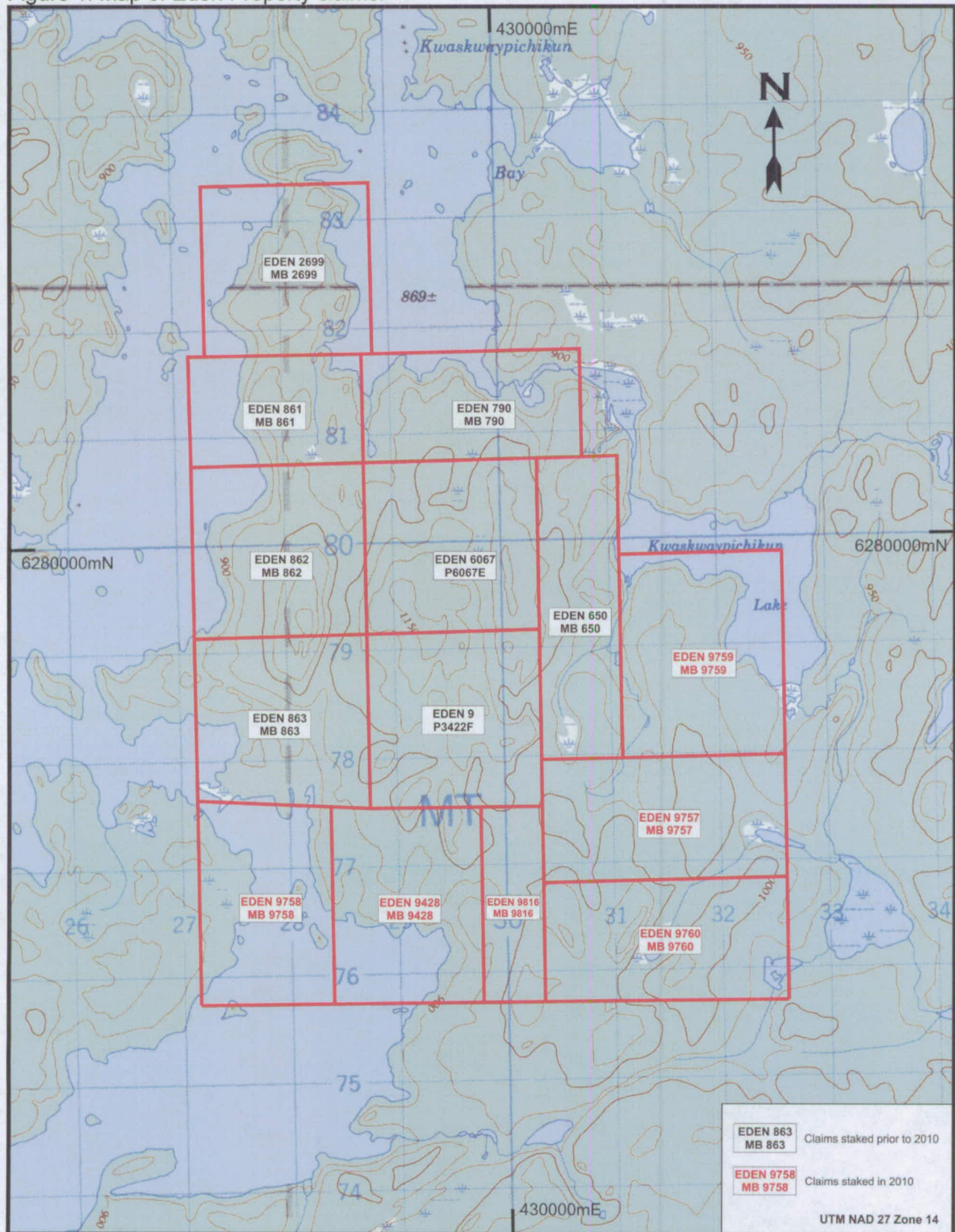
The mining communities of Lynn Lake, Leaf Rapids and Thompson service the region. A railway line is located a Lynn Lake, which extends south to Flin Flon, and from there to the rest of the country. Hydropower can be accessed from leaf Rapids, Lynn Lake or the Laurie River dam and power line southwest of the property.

The Eden Lake property consists of 14 Manitoba crown mineral claims, covering an area of 3200 hectares, eight of which are held by Rare Element Resources Ltd (Rare Element) and six of which are held by Medallion (Table 1 and Figure 1).

Table 1. Table of Eden Property claims.

CLAIM NAME	CLAIM NUMBER	HOLDER	STAKED (yy/mm/dd-hour)	RECORDED (dd/mm/yy)	EXPIRES (dd/mm/yy)	HECTARES
EDEN 9	P3422F	RARE ELEMENT	1995/07/29 13:00	25/08/1995	24/10/2012	256
EDEN 650	MB650	RARE ELEMENT	1999/03/01 17:48	23/03/1999	22/05/2012	210
EDEN 790	MB790	RARE ELEMENT	1999/04/22 14:30	07/05/1999	06/07/2012	190
EDEN 861	MB861	RARE ELEMENT	1999/02/01 14:25	23/02/1999	23/04/2012	192
EDEN 862	MB862	RARE ELEMENT	1999/01/27 16:00	23/02/1999	24/04/2013	256
EDEN 863	MB863	RARE ELEMENT	1999/02/02 12:15	23/02/1999	23/04/2012	256
EDEN 2699	MB2699	RARE ELEMENT	2001/04/18 13:20	02/05/2001	01/07/2012	255
EDEN 6067	P6067E	RARE ELEMENT	1998/08/30 16:40	24/09/1998	23/11/2013	256
EDEN 9428	MB9428	MEDALLION	2010/08/15 17:15	19/08/2010	18/10/2012	256
EDEN 9757	MB9757	MEDALLION	2010/07/12 11:37	15/07/2010	13/09/2012	253
EDEN 9758	MB9758	MEDALLION	2010/08/15 13:13	19/08/2010	18/10/2012	220
EDEN 9759	MB9759	MEDALLION	2010/07/12 15:10	15/07/2010	13/09/2012	245
EDEN 9760	MB9760	MEDALLION	2010/07/08 21:57	15/07/2010	13/09/2012	253
EDEN 9816	MB9816	MEDALLION	2010/08/13 15:51	25/08/2010	24/10/2012	102

Figure 1. Map of Eden Property claims.



## **CLIMATE, VEGETATION AND TOPOGRAPHY**

The climate and vegetation in the Eden Lake area are typical of northern Manitoba. The area has an average summer temperature of 14.1°C, with an average winter temperature of -23.0°C. Annual precipitation averages 492.5mm (Environment Canada).

Most of the area is covered by northern boreal forest, consisting chiefly of jack pine, black spruce and balsam with a few stands of birch and poplar. However, due to a severe forest fire through the Eden Lake area in 1998, only a few stands of living forest remained on the property. The new growth consists of jack pine, spruce, poplar, alders, grasses, fireweed, berry bushes and other shrubs. The large-animal population comprises black bear, moose, deer and wolf.

Outcrop ridges that rise to a maximum of about 60m above the surrounding terrain characterize the topography of the property. They form steep-sided to moderately rounded hills of glacially polished outcrops in a series of north trending ridges separated by low swampy ground and glacial tills. Glacial debris covers the sides of most hills, underlies the low ground and forms eskers and boulder ridges between and along outcrop ridges.

## **GEOLOGY OF THE EDEN LAKE COMPLEX**

The area of the Eden REE Project is underlain by alkalic igneous rocks ranging in composition from early intermediate, mafic and ultramafic bodies to later potassium-feldspar-rich syenite and pegmatite bodies. The early, more mafic rocks are extensively altered, shattered and invaded by later syenite and pegmatite to produce complex veins, stockworks and blocky breccia.

Carbonatite, which hosts REE mineralization, is a rare type of igneous rock made up entirely, or to a great extent, of carbonate minerals. It is a key host of REE's around the world. At Eden, carbonatite dikes and plugs occur in close association with syenite and fenite (potassium) alteration. Various intrusive structures mapped during the 2002 field work indicate that a much larger carbonatite stock could lie below the eight-square kilometres of intense mineralization. The carbonatite is thought to predate the pegmatite and late hydrothermal alteration and deposition.

Alkali metasomatic alteration is pervasive. Early sodium alteration is followed by later stages including hematitization, potassium+sodium and potassium+carbonate alteration.

The chemical and physical properties of the REE's prevent them from occurring in common rocks, which results in REE concentrations in late-stage alkali-igneous rocks. These late stages include other reactive and volatile chemicals that alter and fracture the pre-existing rocks, into which they are injected. These late-stage "mineralizing" events are the processes that create ore deposits. Combinations of repetitive mineralizing processes create the maximum opportunities for concentrating ore minerals.

The Eden REE Project property contains a combination of four distinct styles of REE mineralization, which occur within an intensely altered and mineralized seven- to eight-square-kilometre area. They are all part of the intense late-stage REE concentration process that took place at the end of deposition of the alkalic igneous complex. These repetitive mineralization styles, listed in order of deposition, are as follows:

Carbonatite – The carbonatite with fenite alteration, associated with late-stage alkalic complexes, is a typical host rock for light rare-earth-element occurrences around the world. At the famous Mountain Pass, California mine and at Bear Lodge,

Wyoming, the high-grade rare-earth-element mineralization occurs in the carbonatite rocks. This very positive relationship at Eden was confirmed in 2002 with assays of carbonatite returning total REE-oxide values of as high as 1.75%.

**Pegmatite** – Pegmatite is very coarse-grained and generally is the last rock to form the remains of the liquid magma. Although generally relatively small, pegmatite deposits can contain high-grade REE mineralization. Their coarse-grain size and discrete structure allow easy mining and processing and, historically, they have been an important economic source of many minerals, including REE's. Pegmatite often is enriched in the more-valuable heavy REE's. At Eden, pegmatite forms dikes and sills up to five metres wide and several hundred metres long. The pegmatite contains the REE-bearing minerals andradite, allanite, britholite and apatite

**Hydrothermal veins** – Hydrothermal veins, breccias and stockworks result when volatile fluids, left over from the last of the rock-forming processes, fill fractures and deposit quartz, carbonate minerals and any remaining metals. High-grade REE's do not commonly occur in hydrothermal systems; however, at Eden, hydrothermal veins have been sampled that contain up to 15% total REE oxides, the highest-grade Eden material found to date. This is exceptional. These veins are targets for high-grade material, which could add significant grade to a potential ore body. The veins also contain up to 0.60% yttrium oxide, an indicator of potential heavy REE content.

**Metasomatically altered host rock** – Through a process known as metasomatism, hydrothermal fluids can permeate and alter pre-existing host rock, adding valuable minerals to its chemical composition. With other metals, such as gold and copper, altered host rock, impregnated with ore mineralization makes up the bulk of large-tonnage deposits. At Eden, significant REE enrichments occur in metasomatized syenite and ultra mafic, mafic and intermediate igneous rocks. This is an unusual occurrence for REE minerals and these metasomatized rocks are a major target for a potential large-tonnage deposit.

## PAST WORK ON THE EDEN LAKE COMPLEX

Rare-earth elements have been known at Eden Lake only since 1988, when detailed sampling by the Manitoba Energy and Mines Minerals Division discovered elevated levels of REE's in the core area of the Eden Project. At that time, the discovery was only of moderate interest because REE's were not thought to be of great importance.

The following is a summary of previous work performed in the Eden Property area:

Year	Organization	File Number	Program
1936	Geological Survey of Canada (Henderson et. al., 1936)		Geological Survey; Geological mapping at a scale of four miles to the inch as part of the Granville Lake sheet (east half)



1954	Canadian Nickel Company Limited	91615*	Geophysical Survey; Airborne EM Survey
1957-61	Sherritt Gordon Mines Ltd.	91622	Geophysical Survey; Airborne Magnetic Survey
1960	Selco Exploration	91626	Geophysical Survey; Airborne EM Survey
1962	Geological Survey of Canada		Geophysical Survey; Airborne magnetic survey Map 2385G.
1963	Geological Survey of Canada		Geochronological Survey; Age determinations.
1966	Canadian Nickel Company Limited	91654	Geophysical Survey; Airborne EM Survey
1970	Barringer Research Limited	91445*	Geophysical Survey; Helicopter EM and magnetic survey
1970	Barringer Research Limited	91356*	Geophysical Surveys; VLF-EM and magnetic ground survey were conducted southeast of Eden Lake property
1970	Hudson Bay Exploration & Development Ltd.	91679	Geophysical Survey; Helicopter EM Radiometric Survey
1971	Hudson Bay Exploration & Development Ltd	90990*	Diamond Drilling; 9 diamond drill holes 6 km southeast of Eden Lake property
1973	Sherritt Gordon Mines Ltd.	91699	Geophysical Survey; Airborne EM and magnetic survey.
1974	Manitoba Energy and Mines; Zwanzig		Geological Survey; Geological reconnaissance over shoreline of Eden Lake
1974	Manitoba Energy and Mines		Geophysical Survey; airborne gamma ray spectrometer

			survey
1976	Manitoba Government	91989	Geophysical Survey; Airborne INPUT survey
1976	Manitoba Energy and Mines; McRitchie		Geological Survey; Preliminary geological mapping in Outlaw Bay area
1977	Geological Survey of Canada (Map 35364G)		Geophysical Survey; airborne gamma ray spectrometer survey
1978	Manitoba Energy and Mines; (Cameron, 1988)		Geological Survey; Identification of aegirine-augite- bearing monzonite and quartz monzonite between Eden and Kwaskwaypichikun lakes
1981	Manitoba Energy and Mines		Compilation; Compilation of geophysical conductors – airborne and ground for the Eden Lake area OF81-5
1988	Manitoba Energy and Mines; (McRitchie, 1988)		Geological Survey; Detailed mapping and sampling discover elevated light rare earth elements in areas of high radioactivity in area of "main" showing
1989	Manitoba Energy and Mines; (McRitchie, 1989)		Geophysical and Geological Surveys; ground scintillometer, geological mapping, and geochemical sampling program
1989	Geological Survey of Canada (Schmitt et. al., 1989)		Geochemical Survey; Lake, water and sediment geochemical sampling program.
1990	Manitoba Energy and Mines; (Young and McRitchie, 1990)		Geophysical and Geological Surveys; Ground based scintillometer survey and geochemical sampling of "hot spots"
1990	Geological Survey of Canada; (Shives, 1996)		Geophysical Survey; Airborne gamma ray spectrometer survey



1994	Manitoba Energy and Mines; (Fedikow et. al., 1994)	Geochemical Survey; Vegetation geochemical survey
1995	University of Manitoba thesis Arden, K.M. (Arden, 1994)	Crystallization and alteration history of britholite in rare earth element- enriched pegmatites associated with the Eden Lake complex
1995	Manitoba Energy and Mines; (Gunter et. al., 1995)	Geophysical and Geological Surveys; Mineralogical and metallurgical studies, enzyme leach b-horizon survey, ground scintillometer survey
1996	Strider Resources Ltd. (Ziehlke, 1997)	Staked the Eden Lake property; conducted limited vegetable geochemical survey.
1998	Strider Resources Ltd. (Ziehlke, 1997)	Vegetable geochemical survey
1999	Strider Resources Ltd. (Ziehlke, 1999)	Conducted prospecting; discovery of REE-bearing andradite garnets in pegmatites
2000	Strider Resources Ltd. (Ziehlke, 1999)	Conducted prospecting; discovery of additional anomalous REE mineralization
2001	Rare Earth Metals Corporation	Optioned the property and cut two grid lines (east and west grids)
2001	Strider Resources Ltd. (Ziehlke, 2002); Rare Earth Metals Corporation	Additional prospecting carried out; VLF-EM and magnetometer surveys.
2002 Summer	Rare Earth Metals Corporation	Mapping of east and west grids; geochemical assay of samples; reconnaissance mapping.  Discovery of carbonatite complex.
2002 Fall	Rare Earth Metals Corporation	Trench program.  Mapping and geochemical assay of trench samples.
2003 Summer	Rare Earth Metals Corporation	Geological mapping.  Scintillometer survey; high-grade REE vein sampling.  REE vein mini-bulk sample

		Geobotanical survey E and W grids.
2004 Summer	Rare Earth Metals Corporation	<p>Geological mapping of new grid area (north, central, southeast, and southwest grids).</p> <p>Magnetometer surveys of the north, central, southeast and southwest grids.</p> <p>Geobotanical survey of new grid area.</p> <p>Geological detailing of Trenches 1 and 2.</p> <p>Mini-bulk sample of apatite-rich carbonatite.</p> <p>Scintillometer surveys</p> <p>Reconnaissance mapping.</p>
2005 Winter	Rare Earth Metals Corporation	Preparation and analysis of REE-rich apatite concentrates from carbonatite samples.
2005 Spring	Franks, M.	Technical Report, Approximate amount and distribution of REE's in apatite crystals from the Eden Lake Carbonatite Complex.
2005 Summer	Rare Earth Metals Corporation	Soil Geochemistry Survey
2005 Summer	Mumin and Chakhmouradian.	Trench mapping and sampling.
2005	University of Western Ontario thesis Couëslan, C.G. (Couëslan, 2005)	Geochemistry and Petrology of the Eden Lake Carbonatite and Associated Silicate Rocks.
2006 Winter	Rare Earth Metals Corporation	Diamond Drilling (6 holes).
2008	<p>Article published in <i>Lithos</i>, Volume 103, Issues 3-4, July 2008, Pages 503-526.</p> <p>(Chakhmouradian, Mumin, Demény, Elliott, 2008)</p>	<p>Postorogenic carbonatites at Eden Lake, Trans-Hudson Orogen (northern Manitoba, Canada): Geological setting, mineralogy and geochemistry.</p>
2009 Winter	Medallion Resources Ltd Subcontractor Aeroquest Limited Claim assess file 31 Dec 2009	helicopter-borne electromagnetic geophysical survey

## **TARGET COMMODITIES AND DEPOSIT TYPES**

The Eden Project property exploration target commodities are the rare-earth elements (REE's). The REE's occur in four distinct types of mineralization. Each of these four types constitutes a potential distinct deposit type. These are as follows:

- REE's disseminated in carbonatite intrusive bodies.
- REE's concentrated in pegmatite bodies.
- REE's concentrated in veins.
- REE's disseminated in metasomatic replacements and altered host rocks.

## **2010 EXPLORATION COMPLETED ON THE EDEN PROJECT**

Detailed mapping and sampling of the various rare-earth-element targets were not able to get underway on the Eden Rare-Earth Project until the first week in August. The delay was caused by a protracted Work Permit procedure. This resulted when the Marcel Colomb First Nation, in whose Area of Community the Property lies, was unable to deal with the permit details on a timely basis. A meeting between Medallion and the First Nation, constituted on 29 July 2010 by the Mr Ernie Armitt, Director, Mines Administration, Minerals Resources Division of the Manitoba Ministry of Innovation, Energy and Mines, resolved all issues. The Work Permit was granted on 4 August 2010.

By the time the permit was granted, the remaining time only allowed for an exploration program focused on one of the major target types of REE mineralization. The target mineralization choice, which was the fenitized REE-bearing syenite, was based on previous exploration data and information gathered during property visits.

Exploration work then shifted to evaluating the REE content over the large surface areas of mineralized and fenitized (alkali metasomatism) syenite and other REE-bearing related rocks. Broad areas of this particular mineralized rock occur right at the surface and, therefore, this rock type has the greatest potential, of the four major styles of REE mineralization, for a large surface deposit. Detailed sampling of this fenitized rock, using portable drills and diamond-saw channel sampling began as soon as the permit was in hand.

Previous work had collected a number of samples of the fenitized rock that ran 0.2% to 0.3% total REEs. An array of 12 new separate channels was laid out and sampled with a diamond saw, which produced 174 individual one-metre-long rock channel samples. In addition, an array of portable-drill sample site was laid out and sampled, which produced 47 one-metre-long surface cores. It was hypothesized that, if a significant number of these samples assayed at, or near 0.2% total REEs, they would indicate a potential multimillion-tonne REE resource.

## **RESULTS OF THE 2010 MAPPING AND SAMPLING WORK**

The results of the mapping and sampling work are presented in a company report entitled, "Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010," by Carlos Katsuragi and Hamid Mumin, PhD, PEng, PGeo, who managed the 2010 exploration program. The following sections are quoted from this report (the entire report appears as Appendix 1):

- General
- Geological Mapping and Sampling
- Detailed mapping
- Reconnaissance work
- Portable Drilling and Channel Sampling
- Satellite Imagery
- Mini Bulk Samples
- Core Examination
- Core logging and sample preparation facility
- Core storage
- Preliminary petrography and SEM

### **General**

Geological field work was carried out on the Eden Lake project, ~ 25 km northeast of Leaf Rapids Manitoba, between June 1, 2010 and October 30, 2010. The program focussed on geological mapping and sampling, and other preliminary work. Difficulties in obtaining a work permit, and the lack of reliable local labour, resulted in unexpected and unavoidable delays in the work program. The delay in the work permit was due to the requirement for the Government of Manitoba to hold community consultation with Marcel Colomb First Nation, and was outside of the influence of Medallion. Consultation was completed on July 29<sup>th</sup> and the permit was received August 4, 2010. Labour delays were due to unexpected tragedies at Marcel Colomb First Nation which rendered them unable to provide agreed labour for the Eden Lake project. In spite of the difficulties, preliminary surveys were successfully completed as outlined below.

### **Geological Mapping and Sampling**

The extent of geological mapping and sampling was severely restricted due to very difficult bush conditions caused by a combination of the 1996 fire, almost complete blow down of the thick burned timbered, total obliteration of the previous cut grids and new re-growth, which in combination, rendered most of the property practically impassable. Full property surveys cannot be completed until a program of line-cutting and access trails is completed across the property. Consequently, most work was restricted to the main outcrop area of the West Grid, where good access was achieved.

In total 364 samples were sent for analysis during the 2010 field season. They consisted of: 1) 133 grab samples collected on the western and central areas of the property, and also from other reconnaissance areas surrounding the Eden Lake property, 2) 174 rock sawn channel samples from the mineralized fenite zone, 3) 47 drill core samples obtained by a portable drill and collected from the mineralized fenite zone not tested by the channel samples, and 4) 10 re-assays of intervals of interest from the 2006 drill cores.

### **Detailed mapping**

Detailed geological mapping at a scale of 1:1000 was completed in the main outcrop area located in the west portion of the property. The zone is approximately 1.7 km x 0.6 km and is located within claims EDEN 862 and EDEN 863 (Figures 1, 2 and 3). It represents the area of greatest interest during the current program due to the extensive exposures of mineralized fenite, and the good access resulting from excellent outcrop exposure (Figure 3).

Geological mapping was also initiated in the central part of the property (western portion of claim EDEN 6067), but later it was halted due to a change in the priorities of the project. It was decided to concentrate efforts on the delineation of the mineralized fenite zone within the central part of claims EDEN 862 and EDEN 863, which needed to be completed before the end of the field season and prior to other activities.

### **Reconnaissance work**

Areas to the west and to south of the Eden Lake property were visited to help establish any extensions to the Eden Lake Complex. It is now known that the southern limit of the Eden Lake syenite complex is located at least 1.2 km south of the southernmost new claim (EDEN 9428). Least altered Eden Lake complex syenite collected from across the Eden Lake channel west of the property was used as control samples that were inserted into every batch of samples sent for laboratory analysis.

### **Portable Drilling and Channel Sampling**

Rock sawn channel and portable drill core samples were taken to delineate the mineralized fenite zone on the main outcrop areas of claims EDEN 862 and EDEN 863. Channel samples were obtained by two parallel saw cuts, 3 to 4 cm apart and penetrating about 10 cm below surface. Samples were broken out by chisel and taken in 1m intervals or according to changes in rock lithology. Channels were cut in the central part of the outcrop where the intense altered fenite zone is widest.

The portable drill was used mainly to cover the southern part of the fenite area not tested by the channel sampling. Drill core samples consisted of 1m long cores with a diameter of 2.5 cm. They were collected along 100 meter spaced lines with samples taken every 25m along the lines.

### **Satellite Imagery**

In total 430 km<sup>2</sup> of high-resolution satellite imagery have been acquired in the Eden lake area. The data was used during reconnaissance and detailed mapping as most outcrop areas are very well identified in the images. The satellite imagery will be used in future to assist with a structural analysis of the entire Eden Lake district, and to assist with further reconnaissance and detailed mapping.

### **Mini Bulk Samples**

Two mini bulk samples of approximately 25kg each were collected for further studies and to have available for the possibility of making mineral concentrates. The samples are "intense syenite fenite" (sample # 50005) and "allanite rich carbonatitic fenite" (sample # 50040).

### **Core Examination**

Diamond drill core from the 2006 drilling program was re-inspected prior to the field activities. Ten core samples were sent for check geochemical analysis and approximately thirty were brought to Brandon University for further studies as required.

### **Core logging and sample preparation facility**

Core logging and sample preparation facilities have been secured and upgraded within the Town of Leaf Rapids. Negotiations with the Town of Leaf Rapids resulted in an agreement by the Town of Leaf Rapids not to charge rent or fees for use the facility. The core shack is an excellent facility locates in an industrial complex (unit 4) on Kinapik Road, near the former Co-op gas bar. The core logging facility is being shared with VMS resources of Vancouver, by agreement with John Roosendaal, President of VMS (Figure 4).

### **Core storage**

An agreement was reached with the town of Leaf Rapids for the use of land for drill core and rock sample storage. The storage area is being provided to Medallion Resources at no charge. The storage area is just north of Akisko Bay (north of the industrial section of Town) in a land formerly known as "the fox farm". VMS resources South Bay core, which had been stored in the core logging and sample preparation facility, has been moved to the new storage site.

### **Preliminary petrography and SEM**

48 polished thin sections have been prepared from various lithologies identified in during the 2010 field season and from some 2006 drill core samples. Preliminary petrographic work was carried on some samples to help ensure proper field indentifications. Some of these samples were also subject to preliminary analytical SEM analysis at Brandon University for mineral ID and composition, and REE metal distribution and citing.

Figure 2: Eden Lake sample locations and work areas [from Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010].

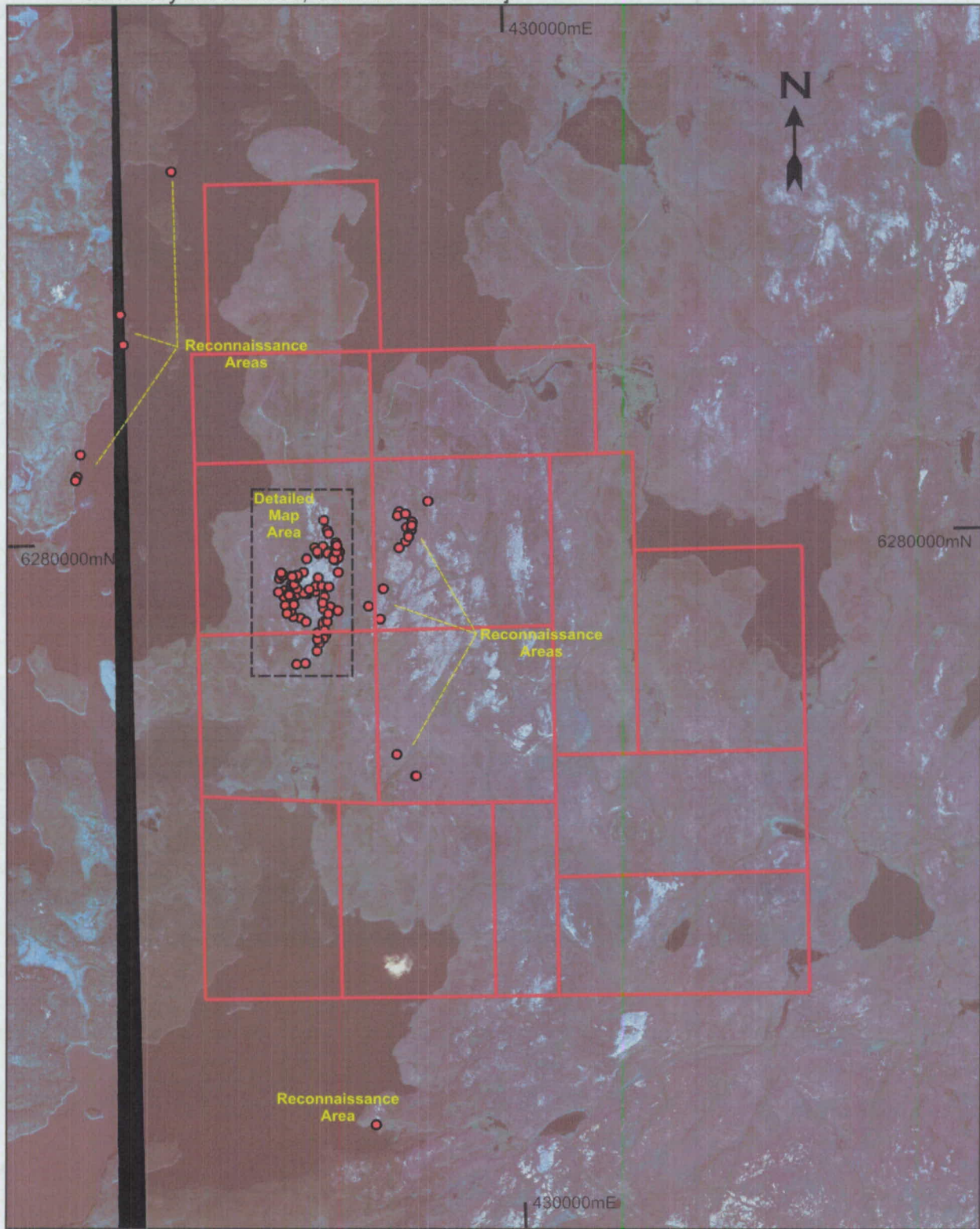
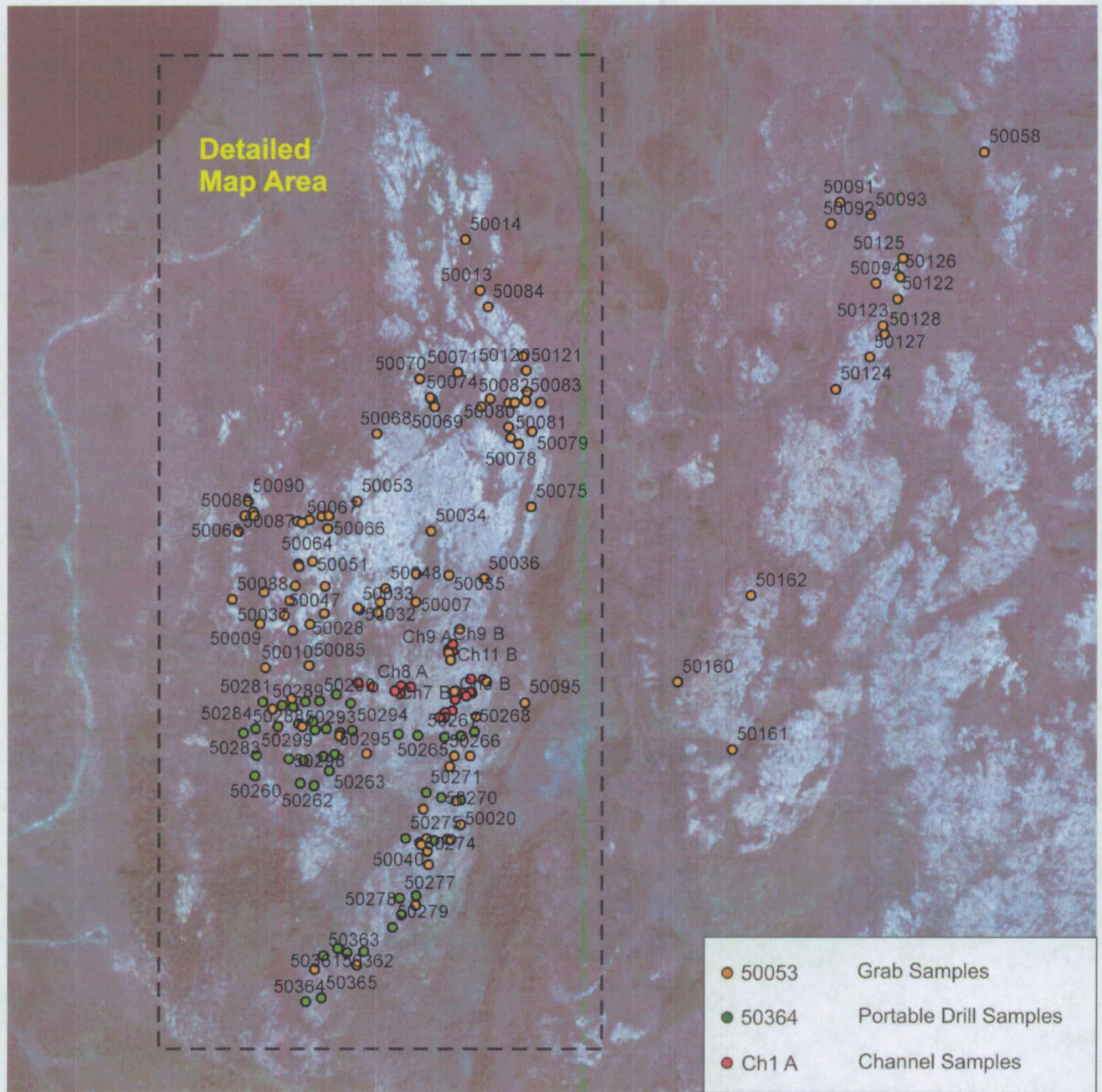




Figure 3: Detailed map area and sample locations [from Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010]



1.



Table 2: List of Eden Lake channel samples collected during 2010 [from Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010]

Channel	Length (m)	Azimuth	Initial Point (0.0m)		# of Samples	Sample Number
			Easting	Northing		
Ch1	23.02	273°	428320	6279593	23	50180-50194, 50196-50199, 50200-50203
Ch2	15.20	271°	428299	6279568	17	50204-50218, 50220-50221
Ch2b	2.15	271°	428297	6279570	3	50222-50224
Ch3	20.93	252°	428288	6279563	25	50107-50119, 50140-50151
Ch4	13.32	259°	428263	6279536	13	50152-50159, 50164-50168
Ch5	8.61	270°	428249	6279524	9	50170-50178
Ch6	17.56	277°	428187	6279579	17	50225-50235, 50237-50239, 50240-50242
Ch7	11.58	296°	428168	6279567	13	50243-50255
Ch8	29.10	286°	428118	6279579	28	50257-50259, 50300-50313, 50315-50319, 50320-50325
Ch9	4.95	354°	428256	6279643	3	50326-50328, (overburden between 1.0m and 3.0m)
Ch10	5.98	004°	428259	6279643	7	50329-50335
Ch11	12.85	002°	428264	6279644	16	50336-50339, 50340-50351

## CONCLUSIONS AND RECOMMENDATIONS

The results of the sampling program, and mainly, the channel sampling, did not support a potential for an economic large surface REE deposit. To support the hypothesis for the occurrence of such a deposit, the average of assays for large areas of the metasomatic fenitized rock would have to be above, or at least close to 0.2% total REEs. Although all samples contained elevated levels of REEs, the average REE grade, particularly along the continuous channels in the fenite, does not support the hypothesis. No such large surface area was located. The actual averages of the various areas of fenitization fell below 0.15% total REEs. Therefore, this particular model for an economic deposit at Eden Lake must be set aside.

During the course of the 2010 exploration, examination of two of the other types of REE mineralization, hydrothermal vein occurrences and pegmatite occurrences, also indicated that these were unlikely to produce large-tonnage resources. Even though some of these occurrences returned higher-grade assays, the size of the occurrences was relatively small and discontinuous. The value of these types of mineralization only can be realized if they are mined in conjunction with other, more widely spread REE mineralization.

Medallion should now refocus the Eden REE Project exploration on the REE-bearing carbonatite that occurs throughout the area of the Eden Lake claims. There is potential for a very large tonnage of carbonatite, which, as is the case at Molycorp's Mountain Pass mine, is a common host for REE deposits.

## **APPENDICES**

1. Eden Lake Rare Metal (REE, Y, U, Th, Phosphate) Carbonatite Complex, Manitoba, Summary of Activities, Summer-Fall 2010
2. Channel sample logs
3. Ten assay certificates
4. Eden Lake geology map with sample locations

**APPENDIX 1**

**Eden Lake Rare Metal (REE, Y, U, Th, Phosphate)  
Carbonatite Complex Manitoba**

**Summary of Activities**

**Summer-Fall 2010**

Submitted by C. Katsuragi and H. Mumin.

## **General**

Geological field work was carried out on the Eden Lake project, ~ 25 km northeast of Leaf Rapids Manitoba, between June 1, 2010 and October 30, 2010. The program focussed on geological mapping and sampling, and other preliminary work. Difficulties in obtaining a work permit, and the lack of reliable local labour, resulted in unexpected and unavoidable delays in the work program. The delay in the work permit was due to the requirement for the Government of Manitoba to hold community consultation with Marcel Colomb First Nation, and was outside of the influence of Medallion. Consultation was completed on July 29<sup>th</sup> and the permit was received August 4, 2010. Labour delays were due to unexpected tragedies at Marcel Colomb First Nation which rendered them unable to provide agreed labour for the Eden Lake project. In spite of the difficulties, preliminary surveys were successfully completed as outlined below.

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## **Detailed mapping**

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the property was used as control samples that were inserted into every batch of samples sent for laboratory analysis.

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The portable drill was used mainly to cover the southern part of the fenite area not tested by the channel sampling. Drill core samples consisted of 1m long cores with a diameter of 2.5 cm. They were collected along 100 meter spaced lines with samples taken every 25m along the lines.

### **Claim Staking**

Six additional claims were staked during the 2010 field season adding 1329 hectares to the total Eden Lake property (see Table 1 and Figure 1). To date the property comprises 14 claims with a total area of 3200 hectares.

### **Satellite Imagery**

In total 430 km<sup>2</sup> of high-resolution satellite imagery have been acquired in the Eden lake area. The data was used during reconnaissance and detailed mapping as most outcrop areas are very well identified in the images. The satellite imagery will be used in future to assist with a structural analysis of the entire Eden Lake district, and to assist with further reconnaissance and detailed mapping.

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Two mini bulk samples of approximately 25kg each were collected for further studies and to have available for the possibility of making mineral concentrates. The samples are "intense syenite fenite" (sample # 50005) and "allanite rich carbonatitic fenite" (sample # 50040).

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Table 1: List of claims comprising the Eden Lake Property (Manitoba Mines Branch claim map, MGS website Dec 1, 2010)

CLAIM NAME	CLAIM NUMBER	HOLDER	STAKED (yy/mm/dd-hour)	RECORDED (dd/mm/yy)	EXPIRES (dd/mm/yy)	HECTARES
EDEN 9	P3422F	RARE ELEMENT RESOURCES LTD.	1995/07/29 13:00	25/08/1995	24/10/2012	256
EDEN 650	MB650	RARE ELEMENT RESOURCES LTD.	1999/03/01 17:48	23/03/1999	22/05/2012	210
EDEN 790	MB790	RARE ELEMENT RESOURCES LTD.	1999/04/22 14:30	07/05/1999	06/07/2012	190
EDEN 861	MB861	RARE ELEMENT RESOURCES LTD.	1999/02/01 14:25	23/02/1999	23/04/2012	192
EDEN 862	MB862	RARE ELEMENT RESOURCES LTD.	1999/01/27 16:00	23/02/1999	24/04/2013	256
EDEN 863	MB863	RARE ELEMENT RESOURCES LTD.	1999/02/02 12:15	23/02/1999	23/04/2012	256
EDEN 2699	MB2699	RARE ELEMENT RESOURCES LTD.	2001/04/18 13:20	02/05/2001	01/07/2012	255
EDEN 6067	P6067E	RARE ELEMENT RESOURCES LTD.	1998/08/30 16:40	24/09/1998	23/11/2013	256
EDEN 9428	MB9428	MEDALLION RESOURCES LTD	2010/08/15 17:15	19/08/2010	18/10/2012	256
EDEN 9757	MB9757	MEDALLION RESOURCES LTD	2010/07/12 11:37	15/07/2010	13/09/2012	253
EDEN 9758	MB9758	MEDALLION RESOURCES LTD	2010/08/15 13:13	19/08/2010	18/10/2012	220
EDEN 9759	MB9759	MEDALLION RESOURCES LTD	2010/07/12 15:10	15/07/2010	13/09/2012	245
EDEN 9760	MB9760	MEDALLION RESOURCES LTD	2010/07/08 21:57	15/07/2010	13/09/2012	253
EDEN 9816	MB9816	MEDALLION RESOURCES LTD	2010/08/13 15:51	25/08/2010	24/10/2012	102



Figure 1: Eden Lake Property

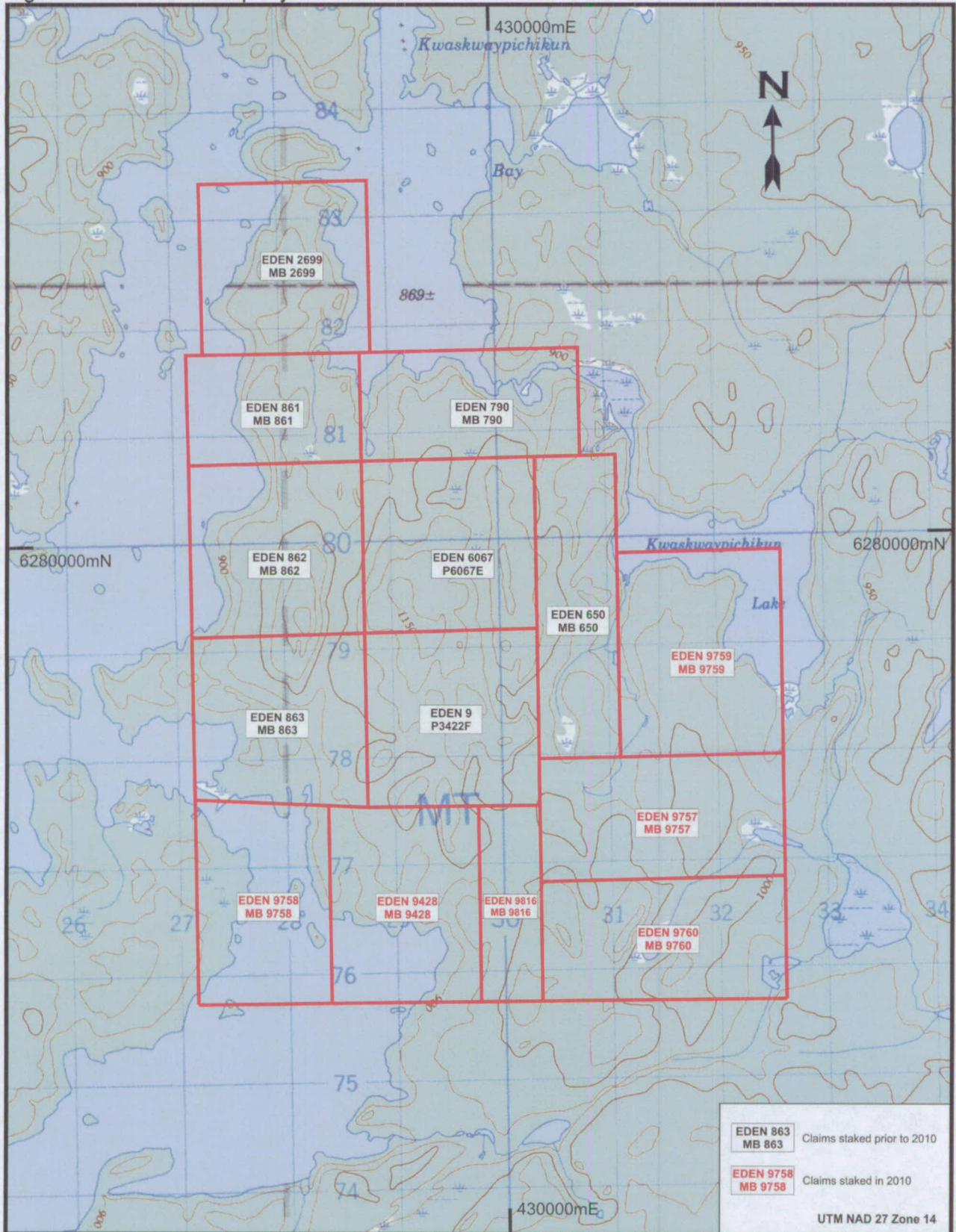




Figure 2: Eden Lake sample locations and work areas.

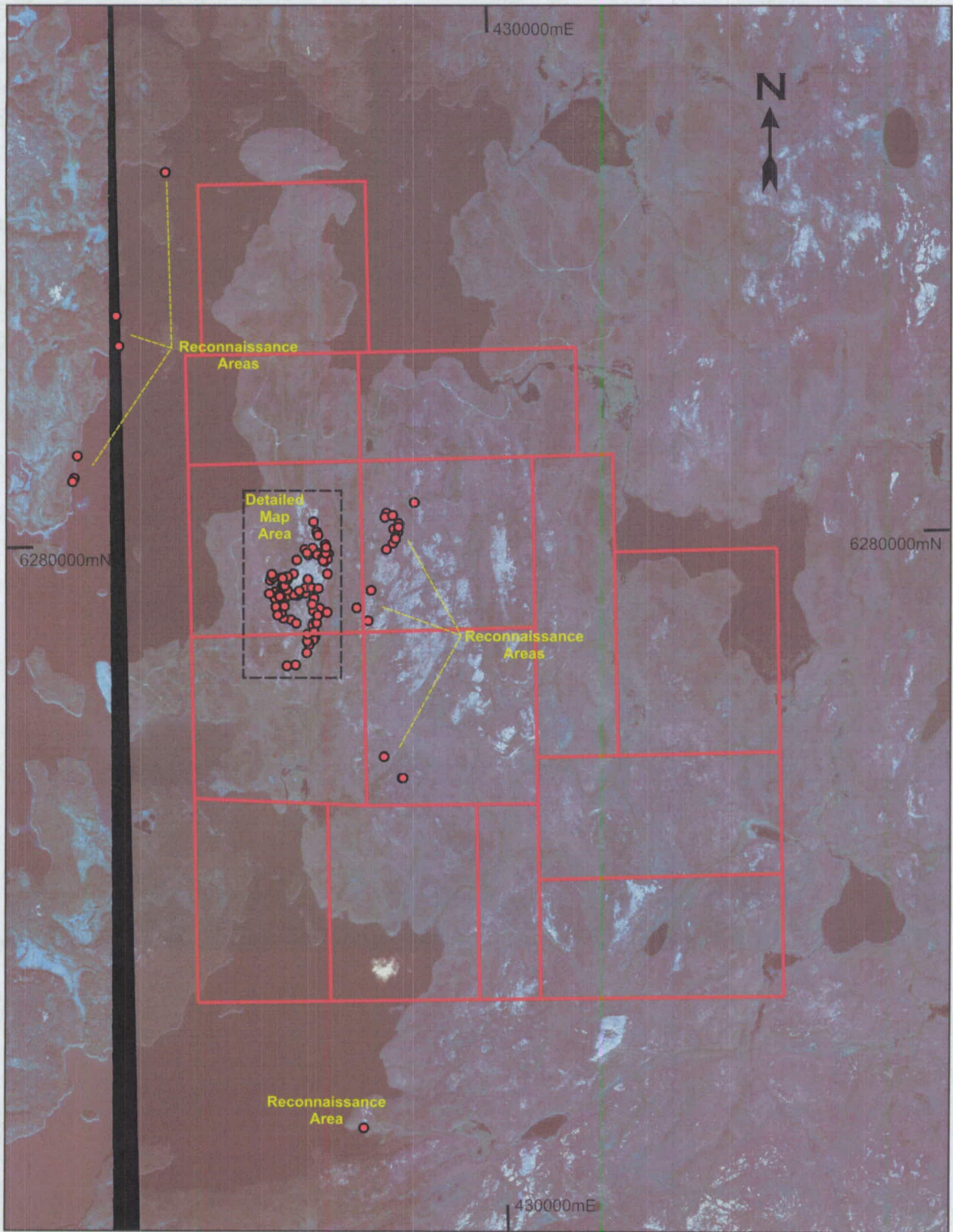




Figure 3: Detailed map area and sample locations.

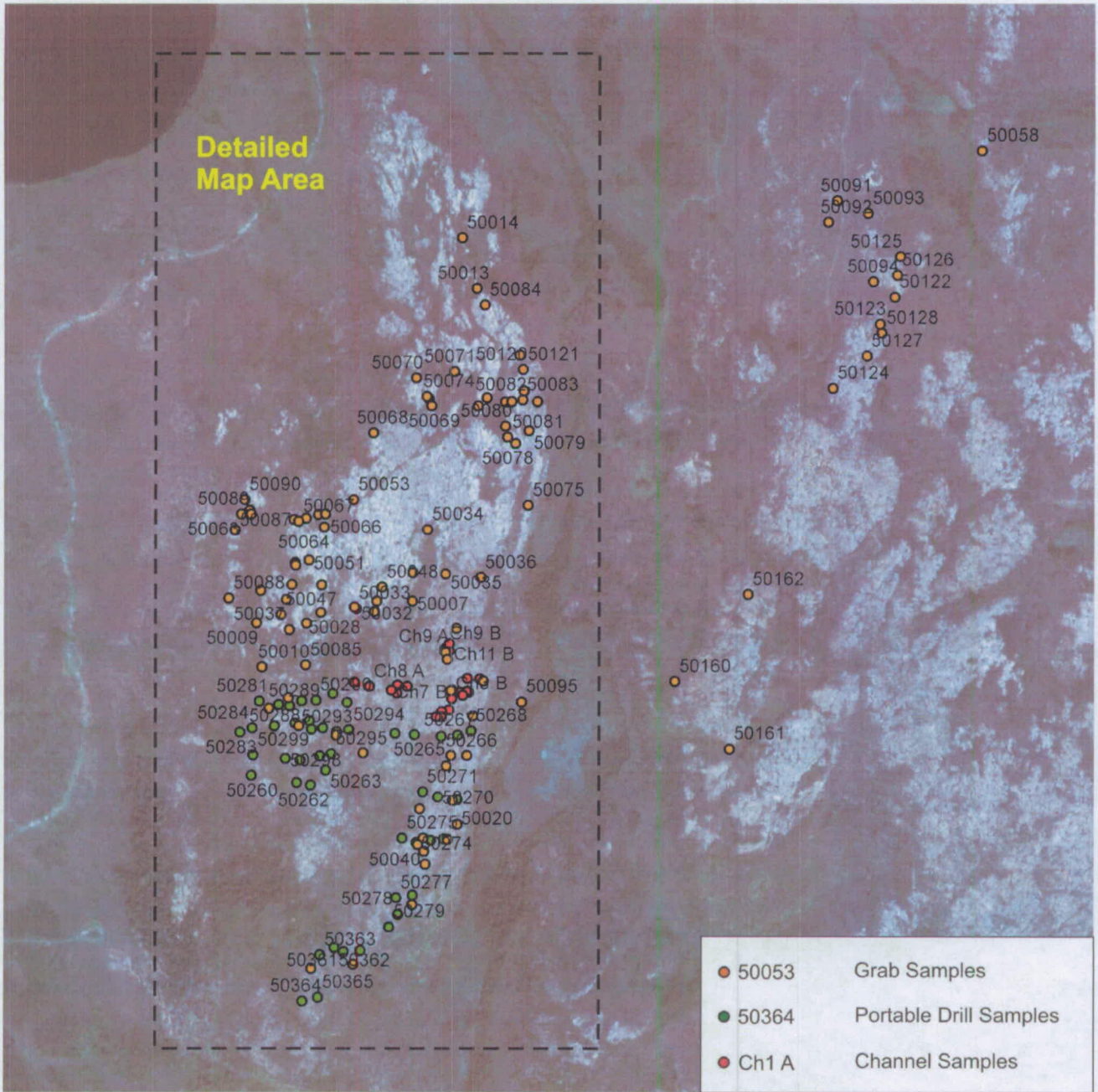




Figure 4: Leaf Rapids core logging facility and core storage area.



Table 2: List of Eden Lake channel samples collected during 2010.

Channel	Length (m)	Azimuth	Initial Point (0.0m)		# of Samples	Sample Number
			Easting	Northing		
Ch1	23.02	273°	428320	6279593	23	50180-50194, 50196-50199, 50200-50203
Ch2	15.20	271°	428299	6279568	17	50204-50218, 50220-50221
Ch2b	2.15	271°	428297	6279570	3	50222-50224
Ch3	20.93	252°	428288	6279563	25	50107-50119, 50140-50151
Ch4	13.32	259°	428263	6279536	13	50152-50159, 50164-50168
Ch5	8.61	270°	428249	6279524	9	50170-50178
Ch6	17.56	277°	428187	6279579	17	50225-50235, 50237-50239, 50240-50242
Ch7	11.58	296°	428168	6279567	13	50243-50255
Ch8	29.10	286°	428118	6279579	28	50257-50259, 50300-50313, 50315-50319, 50320-50325
Ch9	4.95	354°	428256	6279643	3	50326-50328, (overburden between 1.0m and 3.0m)
Ch10	5.98	004°	428259	6279643	7	50329-50335
Ch11	12.85	002°	428264	6279644	16	50336-50339, 50340-50351

## Appendix 2

### Channel sample logs

Project: <u>Eden Lake</u> Location: <u>WG</u> UTM (0.0m): <u>428320E, 6279593N</u> Geologist: <u>CK</u> Channel <u>1</u> Length: <u>23.02m</u> Azimuth: <u>273°</u> Date: <u>19/09/2010</u> Page: <u>1 of 2</u>	
Interval	Description
0.0 to 1.19m	Fenite altered syenite: coarse grained potassium feldspar porphyroblasts with veins and schlieren of pyroxene, apatite and calcite.  82% Feldspar, 15% pyroxene, 2% apatite, 1% calcite.
1.19 to 2.36m	Fenite altered syenite (strong alteration): potassium feldspar porphyroblasts weakly aligned along subhorizontal foliation in a fine grained matrix of pyroxene-apatite-calcite.  65% Potassium feldspar 1-5mm wide; 22% fine grained Pyroxene; 4% fine grained apatite; 4% calcite crystals and blobs, 3% fine grained purple fluorite, 2% amphibole.
2.36 to 3.56m	Fenite altered syenite (strong alteration): 73% Potassium feldspar porphyroblasts 0.1 to 1cm wide; 20% fine grained pyroxene; 3% fine grained apatite; 4% fine grained calcite crystals and veins; trace purple fluorite along calcite veins.
3.56 to 7.9m	Same as 0.0 to 1.19m with coarser potassium feldspar and less pyroxene-apatite.  85% potassium feldspar 0.5-3cm wide; 10% fine grained pyroxene; 2% fine grained apatite; 3% calcite crystals and veins.
7.9 to 15.19m	Fenite altered syenite: 80% fine to medium grained potassium feldspar porphyroblasts; 15% fine grained pyroxene; 2% fine grained apatite; 3% calcite crystals and veins.
15.19 to 20.1m	Same as 2.36 to 3.56m with trace pyrite and no fluorite.
20.1 to 21.0m	Fenite altered syenite (strong alteration): 25-30% Pyroxene, up to 3-4% apatite, 2-3% calcite veins and crystals in a feldspar matrix. Foliation near vertical along E-W trend. Area with vuggy weathered surface.
21.0 to 23.02m	Same as 2.36 to 3.56m with trace pyrite and no fluorite.

Dikes and veins:

- 6.23 to 6.3m: Massive pyroxene vein with apatite, strike 224°, dip 46°(NW).
- 10.05 to 10.12m: Quartz-Feldspar, strike 009°, dip vertical
- 11.84 to 12.04m: Quartz-Feldspar, strike 316°, dip 80°(E)
- 18.0 to 18.2m: Quartz-Feldspar, strike 058°, dip 38° (SE)
- 19.15 to 19.44m: Quartz-Feldspar, strike 196°, dip 58°(W)

Project: Eden Lake      Location: WG      UTM (0.0m): 428320E, 6279593N

Channel 1      Length: 23.02m      Azimuth: 273°      Date: 19/09/2010      Page: 2 of 2

Samples: Channel 1

- 50180      0.0 to 1.19m
- 50181      1.19 to 2.36m
- 50182      2.36 to 3.0m
- 50183      3.0 to 3.56m
- 50184      3.77 to 5.0m
- 50185      5.15 to 6.1m
- 50186      6.1 to 7.0m
- 50187      7.0 to 7.9m
- 50188      8.0 to 9.0m
- 50189      9.0 to 10.0m
- 50190      10.0 to 11.0m
- 50191      11.0 to 12.0m
- 50192      12.0 to 13.0m
- 50193      13.0 to 14.0m
- 50194      14.0 to 15.19m
- 50196      15.19 to 16.0m
- 50197      16.0 to 17.0m
- 50198      17.0 to 18.0m
- 50199      18.0 to 19.0m
- 50200      19.0 to 20.0m
- 50201      20.0 to 21.0m
- 50202      21.0 to 22.0m
- 50203      22.0 to 23.02m

<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428299E, 6279568N</u> <b>Geologist:</b> <u>CK</u> <b>Channel</b> <u>2A</u> <b>Length:</b> <u>15.2m</u> <b>Azimuth:</b> <u>271°</u> <b>Date:</b> <u>21/09/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
1.0 to 15.2m	Fenite altered syenite (strong alteration) with near horizontal foliation.  70% 1-20mm wide feldspars, 25% fine grained pyroxene, 3% fine grained apatite, 2% calcite along veins and within matrix, trace fluorite and trace pyrite. Sparse schlieren of pyroxene-apatite-calcite along foliation up to 2cm wide and 10cm long.
	Dikes:  <ul style="list-style-type: none"> <li>- 0.19 to 0.4m: Qtz-Fspar pegmatite, strike 190°, dip vertical</li> <li>- 0.69 to 0.74m: Qtz-Fspar pegmatite, strike 190°, dip 56°(W)</li> <li>- 2.9 to 3.34m: Qtz-Fspar pegmatite, strike 174°, dip vertical</li> <li>- 3.54 to 5.36m: Qtz-Fspar pegmatite, strike 242°, dip vertical</li> <li>- 5.97 to 6.01m: Qtz-Fspar pegmatite, strike 190°, dip vertical</li> <li>- 9.78 to 10.17m: Qtz-Fspar pegmatite, strike 206°, dip 85°(W)</li> <li>- 10.28 to 10.36m: Qtz-Fspar pegmatite, strike 206°, dip vertical</li> <li>- 11.62 to 11.75m: Qtz-Fspar pegmatite, strike 006°, dip 84°(E)</li> <li>- 14.12 to 14.39m: Pegmatitic fenite alt'd syenite, strike 224°, dip 85°(W)</li> </ul>
	Samples: Channel 2A  <ul style="list-style-type: none"> <li>- 50204 0.0 to 1.0m</li> <li>- 50205 1.0 to 2.0m</li> <li>- 50206 2.0 to 2.9m</li> <li>- 50207 2.9 to 4.0m</li> <li>- 50208 4.0 to 4.79m</li> <li>- 50209 4.79 to 5.36m</li> <li>- 50210 5.36 to 6.25m</li> <li>- 50211 6.25 to 7.25m</li> <li>- 50212 7.25 to 8.25m</li> <li>- 50213 8.25 to 9.0m</li> <li>- 50214 9.0 to 9.75m</li> <li>- 50215 9.75 to 10.36m</li> <li>- 50216 10.36 to 11.25m</li> <li>- 50217 11.25 to 12.25m</li> <li>- 50218 12.25 to 13.32m</li> <li>- 50220 13.32 to 14.25m</li> <li>- 50221 14.25 to 15.2m</li> </ul>



<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428297E, 6279570N</u> <b>Geologist:</b> <u>CK</u> <b>Channel:</b> <u>2B</u> <b>Length:</b> <u>2.15m</u> <b>Azimuth:</b> <u>271°</u> <b>Date:</b> <u>22/09/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
2.0 to 2.15m	<p>Fenite altered syenite (strong alteration) with near horizontal foliation.</p> <p>69% feldspars, 25% fine grained pyroxene, 3% fine grained apatite, 2% calcite along veins and within matrix, 1% pyrite and trace fluorite</p>
	<p>Samples: Channel 2B</p> <ul style="list-style-type: none"> <li>- 50222 0.0 to 0.7m</li> <li>- 50223 0.7 to 1.4m</li> <li>- 50224 1.4 to 2.15m</li> </ul>
<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428288E, 6279563N</u> <b>Geologist:</b> <u>CK</u> <b>Channel:</b> <u>3</u> <b>Length:</b> <u>20.93m</u> <b>Azimuth:</b> <u>252°</u> <b>Date:</b> <u>29/08/2010</u> <b>Page:</b> <u>1 of 2</u>	
Interval	Description
3.0 to 12.0m	<p>Fenite altered syenite (intense alteration) with subhorizontal foliation: Feldspar porphyroblasts in a pyroxene-apatite-calcite matrix ± titanite.</p> <p>60% feldspar 1-3mm wide, 35% fine grained pyroxene, 3% very fine grained apatite, 2% fine grained calcite within matrix and in blobs up to 5cm wide, trace to 0.5% titanite, trace magnetite and trace pyrite.</p>
12.0 to 16.66m	Same as 0.0 to 12.0m with decimeter wide patches of coarse grain feldspar crystals.
16.66 to 20.93m	<p>Fenite altered syenite (intense alteration) with subhorizontal foliation: coarse grained feldspar porphyroblasts in a pyroxene-apatite-calcite matrix. Strong weathering along fractures.</p> <p>50% feldspar crystals 1-5cm wide, 46% fine grained pyroxene, 3% very fine grained apatite, 1% fine grained calcite within matrix, no magnetite.</p>

Dikes and veins:

- 0.02 to 0.05m: aplite dike, strike 309°, dip 66°(E).
- 0.13 to 0.15m: aplite, dike, strike 215°, dip 51°(W).
- 2.52 to 3.08m: quartz-feldspar, strike 345°, dip 32°(E).
- 3.11 to 3.13m: aplite dike, strike 172°, dip 40°(W).
- 3.60 to 3.62m: pyroxene vein with pegmatitic feldspar selvage, strike 017°, dip 49°(E).
- 3.71 to 3.74m: aplite dike, strike 354°, dip 74°(E).
- 3.82 to 3.9m: pegmatitic feldspar-calcite vein, strike 124°, dip 38°(W).
- 4.29 to 4.32m: aplite dike, strike 012°, dip 62°.
- 4.48 to 4.64m: quartz-feldspar dike, strike 023°, dip 76°(E).
- 5.06 to 5.17m: aplite dike, strike 040°, dip 50°(SE).
- 5.7 to 5.91m: aplite dike, strike 010°, dip 70°(E).
- 12.1 to 12.2m: quartz vein with feldspar-pyroxene selvage, strike 023°, vertical dip.
- 14.9 to 15.01m: aplite dike, strike 018°, dip 80°
- 15.24 to 15.87m: fine grained fenite altered syenite, 90% feldspar, 10% pyroxene, trace magnetite, strike 006°, vertical dip.
- 20.07 to 20.48m: aplite dike, strike 298°, dip 80°(NE)

Project: Eden Lake Location: WG UTM (0.0m): 428288E, 6279563N Geologist: CK  
Channel: 3 Length: 20.93m Azimuth: 252° Date: 29/08/2010 Page: 2 of 2

	<p>Samples: Channel 3</p> <ul style="list-style-type: none"> <li>- 50107 0.0 to 1.0m</li> <li>- 50108 1.0 to 2.0m</li> <li>- 50109 2.0 to 2.52m</li> <li>- 50110 2.52 to 3.0m</li> <li>- 50111 3.0 to 4.0m</li> <li>- 50112 4.0 to 5.0m</li> <li>- 50113 5.0 to 6.0m</li> <li>- 50114 6.0 to 7.0m</li> <li>- 50115 7.0 to 8.0m</li> <li>- 50116 8.0 to 9.0m</li> <li>- 50117 9.0 to 10.0m</li> <li>- 50118 10.0 to 11.0m</li> <li>- 50119 11.0 to 12.0m</li> <li>- 50140 12.0 to 13.0m</li> <li>- 50141 13.0 to 14.0m</li> <li>- 50142 14.0 to 15.0m</li> <li>- 50143 15.0 to 15.24m</li> <li>- 50144 15.24 to 15.87m</li> <li>- 50145 15.87 to 16.52m</li> <li>- 50146 16.66 to 17.78m</li> <li>- 50147 17.78 to 18.40m</li> <li>- 50148 18.40 to 19.19m</li> <li>- 50149 19.19 to 20.07m</li> <li>- 50150 20.07 to 20.48m</li> <li>- 50151 20.48 to 20.93m</li> </ul>
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<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428263E, 6279536N</u> <b>Geologist:</b> <u>CK</u> <b>Channel</b> <u>4</u> <b>Length:</b> <u>13.32m</u> <b>Azimuth:</b> <u>259°</u> <b>Date:</b> <u>06/09/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
4.0 to 13.32m	<p>Fenite altered syenite (Intense alteration): fine grained feldspar porphyroblasts in a pyroxene-apatite-calcite matrix.</p> <p>50% feldspar, 40% pyroxene, 7% calcite, 3% apatite (very fine grained, subhedral, brownish amber to red), trace titanite.</p>

	<p>Aplite and quartz-feldspar dikes:</p> <ul style="list-style-type: none"> <li>- 3.13 to 3.20m: strike 330°, dip vertical</li> <li>- 5.67 to 6.01m: strike 360°, dip vertical</li> <li>- 7.8 to 7.96m: strike 214°, dip 50°(W)</li> <li>- 10.9 to 10.96m: strike 204°, dip 82°(W)</li> <li>- 11.0 to 11.25m: strike 208°, dip 65°(W)</li> <li>- 12.29 to 12.53m: strike 204°, 60°(W)</li> <li>- 12.91 to 12.93m: strike 152°, 62°(SW)</li> </ul>
	<p>Samples: Channel 4</p> <ul style="list-style-type: none"> <li>- 50152: 0.0 to 1.0m</li> <li>- 50153: 1.0 to 2.0m</li> <li>- 50154: 2.0 to 2.85m</li> <li>- 50155: 3.0 to 4.0m</li> <li>- 50156: 4.0 to 5.0m</li> <li>- 50157: 5.0 to 6.0m</li> <li>- 50158: 6.0 to 7.0m</li> <li>- 50159: 7.0 to 8.0m</li> <li>- 50164: 8.0 to 9.0m</li> <li>- 50165: 9.0 to 10.0m</li> <li>- 50166: 10.0 to 11.0m</li> <li>- 50167: 11.0 to 12.0m</li> <li>- 50168: 12.0 to 13.32m</li> </ul>

<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428249E, 6279524N</u>    Geologist: <u>CK</u>  Channel <u>5</u>    Length: <u>8.61m</u>    Azimuth: <u>270°</u>    Date: <u>15/09/2010</u>    Page: <u>1 of 1</u></p>	
Interval	Description
5.0 to 8.61m	<p>Fenite altered syenite (intense alteration) with subhorizontal foliation and schlieren of pyroxene-apatite-calcite.</p> <p>61% fine grained feldspar, 32% pyroxene, 3% apatite, 4% calcite clots and mm wide veinlets, trace titanite.</p>

	<p><b>Aplite and quartz-feldspar dikes:</b></p> <ul style="list-style-type: none"> <li>- 0.25 to 0.35m: strike 190°, dip 70°(W)</li> <li>- 1.59 to 1.66m: strike 034°, dip 78°(E)</li> <li>- 4.59 to 4.7m: strike 167°, dip 43°(W)</li> <li>- 4.9 to 5.11m: strike 035°, dip 76°(E)</li> <li>- 6.11 to 6.15m: strike 340°, dip 60°(E)</li> <li>- 6.75 to 6.83m: strike 122°, dip 38°(SW)</li> <li>- 7.12 to 7.17m: strike 131°, dip 16°(SW)</li> <li>- 7.23 to 7.25m: strike 214°, dip 54°(W)</li> <li>- 8.0 to 8.02m: strike 158°, dip 64°(W)</li> <li>- 8.24 to 8.25m: strike 188°, dip 66°(W)</li> </ul>
	<p><b>Samples: Channel 5</b></p> <ul style="list-style-type: none"> <li>- 50170      0.0 to 1.0m</li> <li>- 50171      1.0 to 2.0m</li> <li>- 50172      2.0 to 3.0m</li> <li>- 50173      3.0 to 4.0m</li> <li>- 50174      4.0 to 5.0m</li> <li>- 50175      5.0 to 6.0m</li> <li>- 50176      6.0 to 7.0m</li> <li>- 50177      7.0 to 8.0m</li> <li>- 50178      8.0 to 8.61m</li> </ul>

<p><b>Project:</b> <u>Eden Lake</u>    <b>Location:</b> <u>WG</u>    <b>UTM (0.0m):</b> <u>428187E, 6279579N</u>    <b>Geologist:</b> <u>CK</u>  <b>Channel</b> <u>6</u>    <b>Length:</b> <u>17.56m</u>    <b>Azimuth:</b> <u>277°</u>    <b>Date:</b> <u>23/09/2010</u>    <b>Page:</b> <u>1 of 1</u></p>	
Interval	Description
0.0 to 7.65m	<p>Fenite altered syenite (intense alteration):  65% feldspar 0.5 to 1.5cm wide, 30% fine grained pyroxene, 3% fine grained apatite and 2% calcite within matrix and along fractures. Strong weathering along subhorizontal foliation between 0.84 - 2.0m.</p>
7.65 to 10.7m	Same as 0.0 to 7.65 with 1-3mm wide feldspar crystals.
10.7 to 11.7m	Overburden

11.7 to 17.56m	<p>Fine grained fenite altered syenite (strong alteration) with pyroxene-apatite schlieren along subhorizontal foliation:</p> <p>75% feldspar, 22% pyroxene, 2% apatite, 1% calcite and trace fluorite.</p>
	<p>Dikes:</p> <ul style="list-style-type: none"> <li>- 0.42 to 0.57m: aplite, strike 181°, dip 72°(W)</li> <li>- 3.76 to 4.85m: quartz-feldspar, strike 054°, dip 70°(SE)</li> <li>- 7.86 to 8.07m: aplite, strike 331°, dip 61°(E)</li> <li>- 8.22 to 8.32m: quartz-feldspar, strike 016°, dip 60°(E)</li> <li>- 9.46 to 9.71m: quartz-feldspar, strike 334°, dip 12°(E)</li> </ul>
	<p>Samples: Channel 6</p> <ul style="list-style-type: none"> <li>- 50225 0.0 to 1.0m</li> <li>- 50226 1.0 to 2.0m</li> <li>- 50227 2.0 to 3.0m</li> <li>- 50228 3.0 to 3.76m</li> <li>- 50229 3.76 to 4.85m</li> <li>- 50230 4.85 to 6.0m</li> <li>- 50231 6.0 to 7.0m</li> <li>- 50232 7.0 to 8.0m</li> <li>- 50233 8.0 to 9.0m</li> <li>- 50234 9.0 to 10.0m</li> <li>- 50235 10.0 to 10.7m</li> <li>- 50237 11.7 to 12.4m</li> <li>- 50238 12.4 to 13.88m</li> <li>- 50239 13.88 to 15.0m</li> <li>- 50240 15.0 to 16.0m</li> <li>- 50241 16.0 to 17.0m</li> <li>- 50242 17.0 to 17.56m</li> </ul>

<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428168E, 6279567N</u>    Geologist: <u>CK</u>  Channel <u>7</u>    Length: <u>11.58m</u>    Azimuth: <u>296°</u>    Date: <u>25/09/2010</u>    Page: <u>1 of 1</u></p>	
Interval	Description
0.0 to 11.58m	<p>Fenite altered syenite (strong alteration) with near horizontal foliation:</p> <p>65% fine to coarse grained feldspar, 27% fine grained pyroxene, 3% apatite, 5% calcite within matrix and along fractures.</p>

	<p>Dikes:</p> <ul style="list-style-type: none"> <li>- 0.0 to 0.36m: quartz-feldspar pegmatite, strike 054°, dip 80°(SE).</li> <li>- 0.66 to 0.87m: quartz-feldspar pegmatite, strike 054°, dip 80°(SE).</li> <li>- 1.45 to 1.49m: quartz-feldspar pegmatite, strike 198°, dip 75°(W).</li> <li>- 2.53 to 2.57m: quartz-feldspar pegmatite, strike 199°, dip 80°(W).</li> <li>- 4.97 to 5.28m: fenite altered syenite dike, strike 203°, vertical dip.</li> <li>- 5.87 to 6.74m: fenite altered syenite dike, strike 193°, vertical dip.</li> <li>- 7.27 to 7.32m: quartz-feldspar, strike 180°, dip 40°(W).</li> <li>- 7.58 to 7.7m: quartz-feldspar, strike 075°, dip 40°(SE).</li> <li>- 7.77 to 8.74m: Pegmatitic fenite altered syenite: 78% feldspar, 15% pyroxene, 5% fluorite, 2% apatite, trace titanite, weathered along calcite clots and veins, strike 226°, dip unknown.</li> <li>- 8.74 to 9.5m: Pegmatitic syenite: 94% feldspar, 5% pyroxene, 1% apatite, strike 226°, dip unknown</li> <li>- 10.5 to 10.71m: quartz-feldspar dike, strike 062°, dip 65°(SE)</li> <li>- 11.41 to 11.58m: quartz-feldspar dike, strike 100°, dip 64°(S)</li> </ul>														
	<p>Samples: Channel 7</p> <table border="0"> <tr> <td>- 50243 0.0 to 0.87m</td> <td>- 50250 6.37 to 6.91m</td> </tr> <tr> <td>- 50244 0.87 to 1.7m</td> <td>- 50251 6.91 to 7.77m</td> </tr> <tr> <td>- 50245 1.7 to 2.53m</td> <td>- 50252 7.77 to 8.74m</td> </tr> <tr> <td>- 50246 2.53 to 3.5m</td> <td>- 50253 8.74 to 9.5m</td> </tr> <tr> <td>- 50247 3.5 to 4.4m</td> <td>- 50254 9.5 to 10.5m</td> </tr> <tr> <td>- 50248 4.4 to 5.0m</td> <td>- 50255 10.5 to 11.58m</td> </tr> <tr> <td>- 50249 5.0 to 6.17m</td> <td></td> </tr> </table>	- 50243 0.0 to 0.87m	- 50250 6.37 to 6.91m	- 50244 0.87 to 1.7m	- 50251 6.91 to 7.77m	- 50245 1.7 to 2.53m	- 50252 7.77 to 8.74m	- 50246 2.53 to 3.5m	- 50253 8.74 to 9.5m	- 50247 3.5 to 4.4m	- 50254 9.5 to 10.5m	- 50248 4.4 to 5.0m	- 50255 10.5 to 11.58m	- 50249 5.0 to 6.17m	
- 50243 0.0 to 0.87m	- 50250 6.37 to 6.91m														
- 50244 0.87 to 1.7m	- 50251 6.91 to 7.77m														
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- 50247 3.5 to 4.4m	- 50254 9.5 to 10.5m														
- 50248 4.4 to 5.0m	- 50255 10.5 to 11.58m														
- 50249 5.0 to 6.17m															

<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428118E, 6279579N</u>    Geologist: <u>CK</u>  Channel <u>8</u>    Length: <u>29.1m</u>    Azimuth: <u>286°</u>    Date: <u>26/09/2010</u>    Page: <u>1 of 2</u></p>	
Interval	Description
0.0 to 0.6m	Quartz syenite dike: 85% feldspar, 10% quartz, 5% pyroxene, strike 222°, dip 80° (W)
0.6 to 1.59m	Fenite altered syenite (intense alteration) with pyroxene schlieren: 62% fine grained feldspar porphyroblasts, 30% pyroxene, 3% apatite, 5% calcite clots and veins.

1.59 to 2.75m	Quartz syenite dike: 85% feldspar, 15% quartz, strike 040°, dip 73°(SE)
2.75 to 16.4m	Fenite altered syenite (intense alteration), medium to coarse grained feldspar porphyroblasts in a pyroxene-apatite-calcite matrix. 60% feldspar, 31% pyroxene, 4% apatite, 5% calcite. Strong weathering along calcite veins and within matrix.
16.4 to 16.64m	Syenite fenite dike, strike 142°, dip 60°(SW)
16.64 to 18.71m	Overburden
18.71 to 19.93m	Same as 0.6 to 1.59m
19.93 to 21.75m	Fine grained fenite altered syenite: 91% feldspar, 8.5% pyroxene and 0.5% apatite.
21.75 to 29.1m	Same as 0.6 to 1.59m.
	<p>Dikes and veins:</p> <ul style="list-style-type: none"> <li>- 3.61 to 3.75m: aplite dike, strike 010°, dip 85°(E).</li> <li>- 4.29 to 4.73m: quartz-feldspar dike, strike 180°, dip 75°(W).</li> <li>- 7.26 to 7.33m: quartz-actinolite-magnetite vein, strike 089°, vertical dip.</li> <li>- 7.47 to 7.61m: aplite dike, strike 179°, dip 70°(W).</li> <li>- 7.95 to 8.35m: fenite altered syenite (strong alteration), 80% feldspar, 20% pyroxene, approximate strike north, dip 60°(E).</li> <li>- 8.62 to 8.71m: aplite dike, strike 351°, dip 46°(E).</li> <li>- 9.33 to 9.56m: quartz syenite dike: 85% feldspar, 10% quartz, 5% weathered pyroxene, strike 159°, vertical dip.</li> <li>- 10.41 to 11.19: fenite altered syenite mixed with quartz-feldspar dike, strike 179°, vertical dip</li> <li>- 16.40 to 16.64m: fenite altered syenite, strike 142°, dip 60°(W)</li> <li>- 23.03 to 23.91m: fenite altered syenite (strong alteration), strike 217°, dip not determined.</li> </ul>
<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428118E, 6279579N</u>    Geologist: <u>CK</u>  Channel: <u>8</u>    Length: <u>29.1m</u>    Azimuth: <u>286°</u>    Date: <u>26/09/2010</u>    Page: <u>2 of 2</u></p>	



	<p>Dikes and veins:</p> <ul style="list-style-type: none"> <li>- 24.36 to 24.58m: quartz-feldspar dike, strike 203°, vertical dip</li> <li>- 27.6 to 27.95m: fenite altered syenite: 93% feldspar, 5% pyroxene, 1% coarse grained fluorite and 1% calcite, strike 040°, dip 70°(SE)</li> <li>- 28.07 to 28.51m: quartz-feldspar dike, strike 161°, dip 50°(W)</li> </ul>
	<p>Samples: Channel 8</p> <ul style="list-style-type: none"> <li>- 50257 0.0 to 0.6m</li> <li>- 50258 0.6 to 1.59m</li> <li>- 50259 1.59 to 2.75m</li> <li>- 50300 2.75 to 3.61m</li> <li>- 50301 3.61 to 4.73m</li> <li>- 50302 4.73 to 5.6m</li> <li>- 50303 5.6 to 6.5m</li> <li>- 50304 6.5 to 7.15m</li> <li>- 50305 7.15 to 8.15m</li> <li>- 50306 8.15 to 9.32m</li> <li>- 50307 9.32 to 10.43m</li> <li>- 50308 10.43 to 11.2m</li> <li>- 50309 11.2 to 12.0m</li> <li>- 50310 12.0 to 13.0m</li> <li>- 50311 13.0 to 14.0m</li> <li>- 50312 14.0 to 15.0m</li> <li>- 50313 15.0 to 16.64m</li> <li>- 50315 18.71 to 19.94m</li> <li>- 50316 19.94 to 21.0m</li> <li>- 50317 21.0 to 21.75m</li> <li>- 50318 21.75 to 22.60m</li> <li>- 50319 22.6 to 23.84m</li> <li>- 50320 23.84 to 24.58m</li> <li>- 50321 24.58 to 25.51m</li> <li>- 50322 25.51 to 26.50m</li> <li>- 50323 26.5 to 27.6m</li> <li>- 50324 27.59 to 28.54m</li> <li>- 50325 28.54 to 29.1m</li> </ul>

<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428256E, 6279643N</u> <b>Geologist:</b> <u>CK</u> <b>Channel</b> <u>9</u> <b>Length:</b> <u>4.95m</u> <b>Azimuth:</b> <u>354°</u> <b>Date:</b> <u>11/10/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
6.0 to 1.0m	Fenite altered syenite with subhorizontal foliation: 63% coarse to medium grained feldspar, 20% mixed amphibole and pyroxene, 15% calcite, 2% apatite and trace magnetite.
1.0 to 3.0m	Overburden
3.0 to 4.1m	Quartz syenite with allanite-calcite blobs. 73% fine to medium grained quartz syenite with strong reddish hematite staining along fractures and in-between crystals, 15% black to dark amber colored blobs of allanite mixed with 10% fine grained calcite, 2%apatite.
4.1 to 4.85m	Fine grained quartz syenite with 1-3% coarse grained calcite and <1% very fine grained titanite-allanite. Strong weathering along calcite veins and blobs.
4.85 to 4.95m	Pegmatitic syenite: 95% feldspar, 5% weathered pyroxene blobs and trace fluorite.
	<p>Samples: Channel 9</p> <ul style="list-style-type: none"> <li>- 50326    0.0 to 1.0m</li> <li>- 50327    3.0 to 4.1m</li> <li>- 50328    4.1 to 4.95m</li> </ul>
<b>Project:</b> <u>Eden Lake</u> <b>Location:</b> <u>WG</u> <b>UTM (0.0m):</b> <u>428259E, 6279643N</u> <b>Geologist:</b> <u>CK</u> <b>Channel</b> <u>10</u> <b>Length:</b> <u>5.98m</u> <b>Azimuth:</b> <u>004°</u> <b>Date:</b> <u>11/10/2010</u> <b>Page:</b> <u>1 of 1</u>	
Interval	Description
0.0 to 2.2m	Quartz syenite with allanite-calcite blobs. 73% fine to medium grained quartz syenite with strong reddish hematite staining along fractures and in-between crystals, 15% black to dark amber colored blobs of allanite mixed with 10% fine grained calcite, 2% apatite.
2.2 to 4.96m	Fenite altered syenite with schlieren of pyroxene-amphibole-calcite (foliation: strike west, dip 34°N) 85% fine to coarse grained feldspar, 11% pyroxene-amphibole, 3% apatite and 1% calcite.
4.96 to 5.98m	Fine to medium grained quartz syenite: 80% feldspar, 10% quartz, 7% pyroxene, 2% calcite, 1% apatite and trace titanite.

	<p>Dikes:</p> <ul style="list-style-type: none"> <li>- 2.43 to 2.48m: aplite dike, strike 310°, dip 70°(NE).</li> <li>- 5.23 to 5.4m: pegmatitic alkali feldspar dike, strike NE, dip vertical.</li> </ul>
	<p>Samples: Channel 10</p> <ul style="list-style-type: none"> <li>- 50329 0.0 to 1.0m</li> <li>- 50330 1.0 to 1.55m</li> <li>- 50331 1.55 to 2.2m</li> <li>- 50332 2.2 to 3.0m</li> <li>- 50333 3.0 to 4.0m</li> <li>- 50334 4.0 to 4.98m</li> <li>- 50335 4.96 to 5.98m</li> </ul>

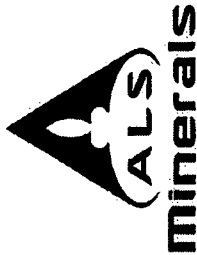
<p>Project: <u>Eden Lake</u>    Location: <u>WG</u>    UTM (0.0m): <u>428264E, 6279644N</u>    Geologist: <u>CK</u>  Channel <u>11</u>    Length: <u>12.85m</u>    Azimuth: <u>002°</u>    Date: <u>12/10/2010</u>    Page: <u>1 of 1</u></p>	
Interval	Description
0.0 to 0.5m	<p>Quartz syenite with allanite-calcite blobs.</p> <p>73% fine to medium grained quartz syenite with strong reddish hematite staining along fractures and in-between crystals, 15% black to dark amber colored blobs of allanite (0.2 to 2cm wide), 10% calcite, and 2% apatite.</p>
0.5 to 1.5m	<p>Fenite altered syenite (strong alteration):</p> <p>68% Feldspar, 15% pyroxene; 15% weathered calcite veins, 2% apatite ± allanite.</p>
1.5 to 4.3m	<p>Same as 0.0 to 0.5m with varying amounts of allanite.</p>
4.3 to 6.52m	<p>Fenite altered syenite with schlieren of pyroxene-amphibole-calcite:</p> <p>82% fine to coarse grained feldspar, 15% pyroxene-amphibole, 2% apatite and 1 % calcite.</p>
6.52 to 12.85m	<p>Fenite altered syenite:</p> <p>90% feldspar, 7% pyroxene, 2% calcite, 1% apatite and trace titanite.</p>

Samples: Channel 11

- 50336 0.0 to 0.5m
- 50337 0.5 to 1.5m
- 50338 1.5 to 2.3m
- 50339 2.3 to 3.0m
- 50340 3.0 to 3.66m
- 50341 3.74 to 4.3m
- 50342 4.3 to 5.15m
- 50343 5.15 to 6.0m
- 50344 6.0 to 6.5m
- 50345 6.5 to 7.5m
- 50346 7.5 to 8.6m
- 50347 8.6 to 9.6m
- 50348 9.6 to 10.4m
- 50349 10.4 to 11.1m
- 50350 11.1 to 12.0m
- 50351 12.0 to 12.85m

## Appendix 3

### Ten Assay Certificates



ALS Canada Ltd.  
 2103 Dollarton Hwy  
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To: MEDALLION RESOURCES LTD  
 1160- 595 HOWE STREET  
 VANCOUVER BC V6C 2T5

Page: 1  
 Finalized Date: 16- AUG- 2010  
 This copy reported on  
 28- APR- 2011  
 Account: MEDRES

**CERTIFICATE VA10102863**

Project: Eden Lake

P.O. No.:

This report is for 100 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-JUL- 2010.

The following have access to data associated with this certificate:

WILLIAM H. BIRD

CARLOS KATSURAGI

DR. HAMID MUMIN

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

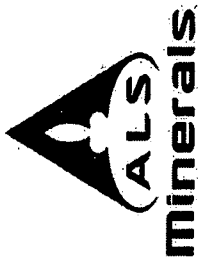
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- AQ81	Base Metals by Aqua Regia dig.	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
 #1160- 595 HOWE ST.  
 VANCOUVER BC V6C 2B3

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

**Signature:**

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ca ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
52000	3.04	<1	5080	256	6.5	10	1.80	6	7.26	2.77	5.68	16.4	18.40	4.1	1.04
52001	1.60	<1	3530	318	10.3	10	0.94	30	6.93	2.71	5.86	19.7	18.75	3.7	1.01
52002	2.02	<1	1630	97.1	2.7	30	0.68	10	2.39	1.02	1.81	20.8	5.82	2.4	0.37
52003	0.68	<1	1710	265	4.2	<10	2.58	15	7.25	2.89	5.54	22.7	17.90	2.9	1.09
52004	1.54	<1	924	149.5	1.6	<10	1.80	7	4.26	1.72	3.34	27.9	10.60	4.2	0.65
52005	0.64	<1	810	277	1.2	20	1.09	15	6.11	2.82	4.67	23.9	15.80	4.4	0.98
52006	0.70	<1	2600	217	1.6	<10	1.37	<5	6.77	2.82	5.15	19.6	16.25	2.4	1.06
52007	2.36	<1	1715	135.0	3.6	<10	1.08	<5	4.21	1.74	3.25	23.0	10.50	4.5	0.64
52009	0.82	<1	1035	18.5	0.5	40	1.37	<5	0.75	0.39	0.35	20.8	1.29	3.1	0.14
52010	0.58	<1	1075	68.2	31.0	<10	0.89	21	5.02	2.05	2.00	20.1	6.32	5.9	1.00
50000	2.76	<1	3160	606	7.3	20	0.64	<5	13.35	5.07	11.45	18.0	38.0	2.4	1.95
50001	1.40	<1	4540	349	4.4	<10	2.66	<5	7.40	2.80	6.45	14.0	20.7	2.2	1.10
50002	2.88	<1	1380	31.5	0.8	10	1.32	5	1.12	0.81	0.52	18.2	1.87	4.2	0.20
50003	2.18	<1	3050	2010	11.6	10	0.39	<5	48.1	17.65	41.4	21.2	137.0	3.4	6.80
50004	1.34	<1	1185	109.5	1.3	<10	0.77	<5	2.63	1.17	1.80	23.6	6.14	4.9	0.42
50005	4.80	<1	3480	>10000	3.6	<10	0.37	<5	30.8	20.5	56.5	71.3	331	1.9	4.03
50006	2.70	<1	4340	345	6.7	10	0.70	10	9.28	3.44	7.65	17.4	24.1	5.0	1.36
50007	1.58	<1	1520	93.3	2.1	10	0.73	<5	2.39	1.02	1.79	21.3	5.76	4.0	0.38
50008	3.04	<1	937	246	34.1	90	0.26	53	9.06	3.48	6.97	14.0	21.0	7.5	1.32
50009	4.82	<1	3300	325	8.9	10	0.56	10	9.13	3.75	6.84	21.4	21.4	11.4	1.45
50010	5.08	<1	5870	412	7.8	10	1.17	7	10.70	4.15	8.34	21.8	26.3	6.9	1.57
50011	4.22	<1	4160	355	6.1	10	0.72	<5	8.48	3.35	7.14	18.3	23.0	3.2	1.25
50012	2.70	<1	2320	391	5.7	<10	2.30	22	7.84	3.37	5.78	23.0	19.60	9.9	1.20
50013	4.74	<1	2930	265	2.9	10	1.46	<5	7.64	2.71	6.51	18.6	20.4	2.5	1.08
50014	2.82	<1	1760	331	8.1	10	1.09	<5	9.92	3.74	7.96	15.8	24.7	11.4	1.44
50015	3.44	<1	1310	1395	27.0	<10	0.41	5	38.1	13.55	30.5	19.3	98.2	4.8	5.32
50016	2.56	<1	5570	426	10.8	10	0.84	5	11.75	4.12	10.00	15.0	30.6	3.5	1.67
50017	3.08	<1	6230	777	14.8	10	0.78	9	19.55	7.36	15.70	16.7	50.4	5.9	2.86
50018	2.18	<1	6910	763	11.6	10	0.71	10	15.25	5.78	12.85	17.5	42.1	5.6	2.19
50019	4.06	<1	6120	431	9.7	<10	0.55	<5	12.15	4.53	9.70	16.8	30.5	6.5	1.77
50020	2.00	<1	6830	381	8.3	10	0.91	27	9.91	3.73	8.32	15.6	25.5	4.4	1.45
50021	1.86	<1	4140	438	15.1	10	2.16	15	10.05	3.98	8.24	18.4	27.1	6.0	1.50
50022	1.54	<1	1395	113.0	1.8	10	0.53	<5	3.30	1.19	2.55	22.2	7.93	2.2	0.47
50023	1.44	<1	3080	421	10.8	20	0.75	11	11.35	4.28	9.39	18.9	29.9	7.5	1.64
50024	2.02	<1	5660	770	13.2	10	0.63	<5	17.60	6.63	14.90	16.5	47.8	4.0	2.58
50025	1.08	<1	3670	217	3.7	10	1.18	<5	7.09	2.41	5.42	17.1	16.50	2.2	0.96
50026	1.96	<1	1130	1740	12.5	10	0.03	<5	37.7	13.80	31.9	12.3	108.0	4.1	5.29
50027	2.34	<1	3300	592	6.7	<10	0.61	<5	13.50	5.11	10.90	17.3	37.2	3.8	1.94
50028	2.98	<1	4100	479	5.8	10	0.29	<5	10.35	4.10	8.47	16.0	28.8	2.2	1.49
50029	1.84	<1	4530	410	9.6	10	0.59	20	9.04	3.57	7.48	20.6	24.4	5.1	1.31

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 2 - B  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
52000		98.1	0.23	<2	22.8	140.5	13	24	34.1	137.5	24.2	1	2670	1.3	1.98	9.90
52001		143.5	0.18	<2	16.2	145.5	<5	28	38.3	77.8	23.1	1	3140	1.0	1.90	11.60
52002		43.1	0.09	<2	8.2	41.6	<5	8	11.10	75.4	6.95	1	797	0.9	0.82	8.49
52003		108.0	0.24	2	18.6	127.5	<5	20	31.8	179.5	22.3	1	1265	1.1	1.92	33.3
52004		66.5	0.15	<2	17.5	76.2	<5	17	19.10	116.5	12.95	1	1305	0.8	1.14	17.50
52005		117.5	0.27	<2	18.6	128.5	<5	13	33.7	82.9	19.70	1	1095	0.7	1.64	32.3
52006		96.4	0.21	<2	17.2	114.5	<5	20	27.7	139.0	19.80	1	2680	1.1	1.77	7.43
52007		58.3	0.18	<2	14.5	73.5	<5	12	17.45	126.0	12.80	1	793	0.9	1.16	11.30
52009		9.2	0.06	<2	6.5	7.4	<5	28	2.07	135.0	1.34	1	290	0.8	0.16	6.38
52010		33.8	0.41	<2	12.5	32.5	22	21	8.15	52.1	6.16	1	552	0.7	0.92	3.98
50000		259	0.37	<2	26.5	301	<5	11	75.3	85.8	47.8	1	1690	1.3	3.84	42.3
50001		172.5	0.17	<2	13.4	158.5	<5	32	41.7	96.6	24.7	<1	5030	1.0	2.09	6.13
50002		15.0	0.07	<2	6.7	11.0	<5	20	3.14	152.0	12.80	1	444	0.7	0.25	14.10
50003		792	1.05	<2	27.4	1095	<5	18	263	54.2	175.5	2	3400	1.2	14.15	103.0
50004		47.1	0.14	<2	13.2	46.2	<5	6	12.45	125.5	7.35	1	629	1.1	0.68	40.6
50005		>10000	0.52	<2	14.1	4100	<5	53	>1000	33.4	311	1	6560	0.4	18.70	314
50006		138.5	0.23	<2	23.6	180.0	<5	19	45.5	91.3	30.1	1	3450	1.3	2.54	15.65
50007		37.8	0.10	<2	8.5	42.1	<5	7	11.10	97.0	7.01	1	524	0.6	0.63	12.80
50008		77.2	0.49	<2	20.4	154.0	58	12	35.5	29.8	28.3	2	1025	1.0	2.45	10.25
50009		136.0	0.29	<2	18.4	163.0	<5	33	41.4	65.5	26.8	1	3020	1.2	2.41	13.95
50010		179.5	0.28	<2	22.3	207	14	42	52.2	118.0	33.9	2	3010	1.3	2.91	19.20
50011		153.5	0.25	<2	23.6	184.0	<5	19	45.4	93.5	30.0	1	2390	1.2	2.42	24.5
50012		156.5	0.26	<2	24.4	164.5	<5	41	44.1	91.1	25.2	1	2620	1.4	2.10	22.8
50013		99.0	0.20	<2	15.6	156.0	<5	14	37.3	114.0	27.2	1	1615	1.0	2.21	18.60
50014		131.5	0.46	<2	55.7	188.5	<5	12	45.2	118.0	33.5	3	758	2.0	2.71	10.65
50015		504	0.96	<2	64.4	759	7	9	185.0	49.5	132.5	3	1110	3.0	10.65	73.3
50016		170.5	0.29	<2	33.5	242	<5	19	57.5	103.5	41.4	2	3410	1.8	3.28	13.50
50017		350	0.49	<2	46.0	384	5	24	96.7	72.6	66.2	2	4170	2.4	5.39	28.0
50018		374	0.39	<2	33.9	345	<5	20	89.3	91.2	55.0	2	4140	1.9	4.35	32.3
50019		172.5	0.32	<2	34.3	230	<5	14	56.1	85.4	40.4	2	3720	1.9	3.28	21.4
50020		163.0	0.26	<2	29.9	202	<5	39	50.2	108.0	34.6	1	3500	1.7	2.75	13.80
50021		184.0	0.26	<2	25.3	222	11	25	56.1	110.0	36.0	2	3470	1.4	2.83	9.36
50022		43.9	0.11	<2	14.0	63.4	<5	5	15.25	91.2	11.40	1	448	0.8	0.90	8.19
50023		163.5	0.41	<2	32.0	233	9	13	57.1	95.5	39.8	2	1805	1.6	3.23	23.1
50024		335	0.47	<2	29.1	388	<5	16	96.9	84.8	63.2	1	3020	1.5	4.97	42.5
50025		83.3	0.18	<2	40.4	127.0	5	20	30.1	123.5	22.5	1	1230	1.3	1.90	582
50026		751	0.84	<2	29.3	883	5	27	222	4.2	139.5	2	5970	1.5	10.90	43.2
50027		257	0.39	<2	15.1	298	<5	17	73.2	106.0	46.8	1	2060	0.7	3.81	24.0
50028		220	0.31	<2	17.9	235	<5	8	1810	104.5	37.0	1	1810	1.0	2.94	23.5
50029		178.5	0.24	<2	14.2	200.0	5	39	51.4	82.4	31.6	2	3240	0.9	2.51	14.10

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.





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Page: 2 - C  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
Sample Description	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Zr ppm	Yb ppm	Zn ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %				
52000	0.8	4.29	58	1	27.4	178	1.66	97	59.9	15.00	3.89	5.71	1.22	4.30				
52001	0.5	3.97	78	1	28.2	151	1.41	101	58.7	15.10	4.94	5.93	1.64	5.48				
52002	<0.5	10.85	18	5	9.7	84	0.61	41	67.1	16.20	1.68	0.75	0.06	6.31				
52003	0.8	25.9	27	6	28.3	123	1.70	86	57.0	17.50	2.50	3.77	0.61	3.85				
52004	0.6	8.23	21	6	18.7	195	1.10	75	59.3	17.35	1.29	4.84	0.45	4.86				
52005	0.5	6.02	38	5	29.9	193	1.91	58	63.0	15.85	2.41	3.00	0.06	5.40				
52006	0.6	6.68	21	1	28.7	113	1.68	58	54.2	14.65	1.91	10.05	0.79	3.92				
52007	0.6	8.36	21	2	17.5	194	1.23	57	64.9	16.20	1.96	2.20	0.27	5.26				
52009	0.6	8.94	9	1	4.3	78	0.38	29	72.6	13.70	0.96	0.90	0.15	4.86				
52010	<0.5	5.59	161	1	25.7	245	2.70	62	53.1	16.25	9.69	7.13	3.50	5.55				
50000	0.5	8.13	73	2	50.8	167	2.64	107	58.8	13.85	4.87	7.16	1.55	4.83				
50001	0.8	1.41	48	1	27.3	91	1.41	107	53.5	19.95	4.48	6.50	0.80	5.89				
50002	0.7	2.44	13	2	6.8	145	0.50	29	72.6	14.00	1.48	0.70	0.14	3.90				
50003	<0.5	25.8	99	2	171.0	289	8.26	289	42.3	6.46	7.47	21.8	2.42	2.92				
50004	0.6	7.22	17	1	12.3	206	0.90	62	69.8	15.00	1.86	1.26	0.28	5.65				
50005	<0.5	16.15	62	1	99.3	88	4.75	88	43.4	14.50	3.95	15.05	0.24	4.73				
50006	0.6	4.38	63	2	34.7	91	1.79	91	59.3	15.45	3.85	5.19	1.30	4.59				
50007	0.5	4.84	23	2	10.7	225	0.69	56	68.3	15.25	1.88	1.36	0.40	5.84				
50008	<0.5	3.17	216	1	32.6	286	2.81	298	54.8	5.88	11.95	13.65	5.43	3.48				
50009	0.5	4.51	85	1	38.5	700	2.15	148	58.7	16.25	5.86	5.05	1.37	5.89				
50010	0.8	6.58	61	2	41.7	290	2.20	136	56.8	15.80	5.16	4.58	1.69	4.41				
50011	0.6	8.08	63	1	33.6	138	1.81	102	59.7	14.60	3.96	5.73	1.70	4.65				
50012	0.5	10.85	58	2	31.7	527	2.13	151	60.2	17.50	5.02	2.36	0.99	6.91				
50013	0.7	2.50	26	1	24.5	92	1.48	92	62.1	15.30	2.35	4.01	0.63	5.47				
50014	0.6	4.47	63	1	35.1	344	2.80	344	56.1	8.95	7.29	11.75	5.01	2.60				
50015	<0.5	17.00	172	1	133.0	331	7.20	331	49.7	5.93	12.65	15.85	3.93	3.42				
50016	0.6	4.05	91	1	42.6	111	2.07	111	56.2	13.10	5.51	8.66	1.91	3.86				
50017	<0.5	7.89	133	2	76.8	152	3.85	152	52.3	11.80	7.64	11.15	2.97	4.12				
50018	0.6	7.04	108	1	60.0	169	2.95	169	54.5	12.45	6.66	9.16	2.80	3.62				
50019	0.6	5.46	88	1	46.6	292	2.42	126	57.2	13.95	5.22	6.41	1.55	4.05				
50020	0.7	4.17	61	1	37.9	95	1.89	95	56.4	14.30	4.47	6.46	1.61	3.95				
50021	0.8	4.21	110	1	40.6	160	2.08	160	52.9	15.85	7.22	5.76	2.74	4.41				
50022	0.5	2.25	21	2	11.7	80	0.75	70	60.2	14.15	1.61	8.14	2.37	5.36				
50023	0.6	6.12	90	1	41.6	175	2.64	175	56.4	12.05	7.10	8.14	2.37	4.26				
50024	0.5	9.15	109	1	70.7	165	3.47	165	50.9	10.60	6.69	12.75	2.66	3.24				
50025	0.8	21.7	37	1	21.7	79	1.34	97	67.1	13.25	2.99	2.78	0.84	4.11				
50026	<0.5	8.12	136	1	140.0	179	6.87	179	23.5	1.44	7.41	37.7	2.87	1.45				
50027	0.7	5.31	67	1	50.2	137	2.78	137	56.2	12.90	4.70	8.48	1.32	4.54				
50028	0.6	6.11	60	1	41.1	113	2.31	113	58.7	13.50	3.81	6.84	1.70	4.34				
50029	0.5	4.18	94	1	35.5	135	1.94	135	59.9	15.55	5.25	5.18	1.65	6.19				

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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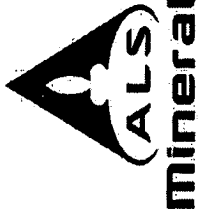
Page: 2 - D  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
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**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
52000		6.43	<0.01	0.47	0.12	0.33	0.33	0.61	99.7	0.01	0.001	0.001	0.5	5	0.5
52001		4.29	<0.01	0.95	0.07	0.72	0.40	0.42	99.8	1.40	1.19	2.00	98.7		
52002		3.94	<0.01	0.26	0.02	0.09	0.10	0.20	98.7	0.01	0.01	0.21	98.0		
52003		6.64	<0.01	0.30	0.10	0.30	0.16	0.16	99.3	0.01	0.11	4.90	99.3		
52004		5.48	<0.01	0.16	0.05	0.34	0.16	0.11	99.3	0.01	0.11	4.90	99.3		
52005		4.92	<0.01	0.25	0.05	0.09	0.14	0.10	98.0	0.10	0.10	2.69	98.0		
52006		6.93	<0.01	0.20	0.08	0.26	0.35	0.33	101.5	0.33	7.58	0.33	101.5		
52007		6.15	<0.01	0.17	0.08	0.21	0.10	0.22	99.8	0.22	2.10	0.22	99.8		
52009		3.99	0.01	0.08	0.03	<0.01	0.04	0.13	99.3	0.13	1.80	0.13	99.3		
52010		2.14	<0.01	0.77	0.15	0.18	0.07	0.13	99.6	0.13	0.90	0.13	99.6		
50000		5.13	<0.01	0.57	0.20	0.89	0.21	0.38	99.7	0.38	1.30	0.38	99.7		
50001		3.24	<0.01	0.42	0.09	0.47	0.62	0.55	100.0	0.55	3.49	0.55	100.0		
50002		4.55	<0.01	0.13	0.01	0.01	0.05	0.17	98.7	0.17	1.00	0.17	98.7		
50003		2.27	<0.01	0.38	0.32	3.98	0.43	0.36	99.6	0.36	8.47	0.36	99.6		
50004		4.54	<0.01	0.22	0.04	0.06	0.08	0.15	99.0	0.15	0.10	0.15	99.0		
50005		1.92	<0.01	0.39	0.09	1.68	0.85	0.41	96.0	0.41	8.76	0.41	96.0		
50006		6.17	<0.01	0.80	0.09	0.54	0.43	0.53	99.6	0.53	1.39	0.53	99.6		
50007		4.39	<0.01	0.26	0.04	0.06	0.06	0.19	98.4	0.19	0.40	0.19	98.4		
50008		1.58	0.01	0.60	0.32	0.28	0.28	0.11	101.0	0.11	2.89	0.11	101.0		
50009		4.05	<0.01	0.75	0.10	0.51	0.38	0.40	100.5	0.40	1.19	0.40	100.5		
50010		5.69	<0.01	0.64	0.12	0.62	0.37	0.70	100.0	0.70	3.49	0.70	100.0		
50011		5.48	<0.01	0.49	0.14	0.77	0.30	0.50	99.0	0.50	0.99	0.50	99.0		
50012		3.51	<0.01	0.69	0.08	0.52	0.33	0.28	98.7	0.28	0.30	0.28	98.7		
50013		5.16	<0.01	0.29	0.10	0.31	0.20	0.35	98.0	0.35	1.69	0.35	98.0		
50014		4.54	<0.01	0.42	0.35	0.92	0.10	0.21	98.8	0.21	0.60	0.21	98.8		
50015		2.24	<0.01	1.12	0.38	3.02	0.14	0.16	98.9	0.16	0.40	0.16	98.9		
50016		5.40	<0.01	1.00	0.15	0.93	0.43	0.67	98.7	0.67	0.90	0.67	98.7		
50017		3.33	<0.01	1.44	0.19	1.54	0.53	0.75	98.8	0.75	1.00	0.75	98.8		
50018		4.87	<0.01	0.99	0.19	1.36	0.51	0.80	98.2	0.80	0.30	0.30	98.2		
50019		5.83	<0.01	0.89	0.15	0.86	0.47	0.72	97.8	0.72	0.50	0.50	97.8		
50020		6.25	<0.01	0.60	0.12	0.83	0.45	0.80	98.1	0.80	1.89	0.80	98.1		
50021		5.03	<0.01	1.22	0.12	1.27	0.44	0.49	98.2	0.49	0.70	0.49	98.2		
50022		4.46	<0.01	0.21	0.06	0.08	0.06	0.50	98.2	0.50	0.70	0.50	98.2		
50023		4.79	<0.01	0.60	0.20	1.02	0.22	0.36	98.4	0.36	0.90	0.36	98.4		
50024		4.65	<0.01	0.78	0.20	2.07	0.37	0.65	98.4	0.65	2.80	0.65	98.4		
50025		5.74	<0.01	0.39	0.11	0.12	0.15	0.42	99.3	0.42	1.30	0.42	99.3		
50026		0.21	<0.01	0.76	0.30	3.43	0.76	0.13	99.8	0.13	19.80	0.13	99.8		
50027		5.45	<0.01	0.28	0.17	1.33	0.26	0.38	98.9	0.38	2.86	0.38	98.9		
50028		5.86	<0.01	0.40	0.17	0.98	0.23	0.47	98.3	0.47	1.29	0.47	98.3		
50029		3.93	<0.01	0.85	0.10	0.65	0.40	0.52	101.0	0.52	0.70	0.52	101.0		

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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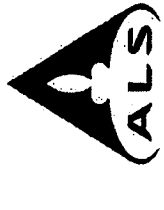
Page: 2 - E  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
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**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm	ME-AQ81 Mo ppm	ME-AQ81 Ni ppm	ME-AQ81 Pb ppm	ME-AQ81 Zn ppm
52000								
52001								
52002								
52003								
52004								
52005								
52006								
52007								
52009								
52010								
50000								
50001								
50002								
50003								
50004								
50005								
50006								
50007								
50008								
50009		2	49	<1	1	4	11	45
50010								
50011								
50012								
50013								
50014								
50015								
50016								
50017								
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Page: 3 - A  
 Total # Pages: 4 (A - E)  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50030	0.92	<1	594	5350	8.1	<10	1.13	93.7	33.9	76.2	32.0	272	4.0	12.90
50031	4.84	<1	1605	4830	7.5	20	0.98	95.2	46.6	65.3	32.6	241	293	15.45
50032	1.72	<1	2380	259	8.0	10	1.01	7.69	2.97	5.52	23.4	18.05	9.8	1.13
50033	1.80	<1	5020	531	7.5	10	0.44	11.05	4.07	9.91	14.5	32.8	2.2	1.53
50034	1.28	<1	1585	108.5	1.3	10	1.43	3.87	1.55	2.84	24.3	8.42	8.0	0.57
50035	1.34	<1	1010	782	52.1	1470	8.08	7.69	3.42	6.34	20.1	26.5	3.3	1.13
50036	4.30	<1	3720	309	5.3	10	0.78	7.30	2.73	5.98	16.6	19.70	3.2	1.00
50037	3.36	<1	1360	2680	7.3	30	0.98	53.4	19.30	44.3	25.3	156.0	3.3	7.32
50038	2.56	<1	2470	2880	10.9	<10	1.13	56.6	20.4	47.0	23.6	170.5	2.4	7.81
50039	4.60	<1	928	4430	5.5	10	0.46	81.4	29.1	68.9	31.8	244	2.3	11.05
50040	1.44	<1	1045	1545	27.7	10	0.29	35.7	12.95	28.3	18.4	97.1	2.6	4.98
50045	2.32	<1	6250	769	14.5	10	0.51	19.15	6.98	15.75	16.1	51.9	3.4	2.67
50046	2.56	<1	5460	719	14.5	10	0.41	19.40	6.95	15.70	15.6	51.6	4.7	2.67
50047	2.36	<1	1540	2710	6.1	20	1.07	59.1	20.6	43.9	26.3	151.0	5.1	8.06
50048	0.84	<1	4410	1195	7.2	<10	0.92	35.4	13.45	25.9	20.4	88.3	5.0	5.14
50049	1.38	<1	457	447	29.2	30	0.08	10.10	4.24	7.03	17.7	24.0	5.9	1.55
50050	1.66	<1	519	179.5	27.7	30	1.09	5.57	2.72	3.27	19.3	11.30	2.3	0.95
50051	2.68	<1	687	215	29.4	20	0.71	7.26	3.33	4.42	18.4	14.60	4.6	1.18
50052	1.82	<1	3100	1870	8.4	<10	0.67	47.1	17.90	35.9	22.7	125.0	2.3	6.76
50053	0.76	<1	211	40.4	1.0	30	1.19	1.59	0.78	0.98	22.5	3.15	3.9	0.27
50054	0.74	<1	25.8	9.5	<0.5	10	3.49	0.41	0.40	0.16	26.9	0.60	7.3	0.10
50055	1.14	<1	3970	384	7.0	<10	1.64	11.00	4.32	8.81	16.1	27.3	4.7	1.62
50056	1.50	<1	1270	486	2.3	<10	0.40	19.10	7.88	13.50	10.3	41.9	3.3	2.97
50057	1.16	<1	4280	922	5.8	<10	0.63	11.35	4.80	10.50	14.1	37.0	4.3	1.69
50058	1.50	<1	3020	727	2.8	<10	0.84	16.65	6.36	14.25	17.5	46.1	3.3	2.46
50060	3.90	<1	2510	425	1.3	<10	1.08	7.24	3.07	6.23	19.4	20.9	2.7	1.11
50061	4.94	<1	600	169.5	2.6	10	0.54	3.87	1.52	3.18	15.7	10.35	1.4	0.56
50062	3.92	<1	903	1070	1.8	10	0.34	21.7	8.81	18.10	18.1	59.5	1.9	3.26
50063	2.50	<1	1595	136.0	8.0	30	0.47	4.42	1.79	3.48	21.5	10.10	7.1	0.68
50064	3.32	<1	3630	465	20.9	80	4.63	9.08	3.68	7.99	20.1	25.9	4.1	1.34
50065	2.64	<1	3420	515	24.8	40	2.08	12.95	5.42	9.81	22.0	31.1	10.6	1.99
50066	1.88	<1	1035	238	4.1	10	0.88	5.66	2.71	3.59	27.0	12.55	11.8	0.96
50067	1.68	<1	2680	405	16.8	130	0.55	10.65	4.11	8.41	27.0	27.0	5.0	1.58
50068	3.12	<1	7560	9770	2.8	<10	0.75	15.05	11.40	32.1	41.1	182.5	0.6	1.93
50069	3.56	<1	1775	97.8	1.6	10	1.00	2.37	0.94	1.79	19.1	5.58	1.7	0.36
50070	2.74	<1	5880	707	6.6	10	2.28	10.70	4.25	9.24	15.4	30.9	3.5	1.57
50071	1.74	<1	4290	449	24.7	20	3.91	10.55	3.97	9.39	17.8	28.5	5.5	1.50
50072	1.20	<1	2130	286	3.4	10	0.56	8.58	3.09	7.25	17.5	21.4	1.9	1.22
50073	3.24	<1	4580	190.5	3.0	10	1.17	5.10	2.03	4.10	13.3	11.75	2.4	0.79
50074	1.52	<1	29.3	28.0	<0.5	10	1.97	1.35	1.31	0.40	35.2	1.73	13.0	0.32

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - B  
Total # Pages: 4 (A - E)  
Finalized Date: 16- AUG- 2010  
Account: MEDRES

Project: Eden Lake

CERTIFICATE OF ANALYSIS VA10102863

Method Analyte Units	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
Sample Description	La ppm	Lu ppm	Mo ppm	Nb ppm	Nd ppm	Ni ppm	Pb ppm	Pr ppm	Rb ppm	Sr ppm	Sm ppm	Sn ppm	Ta ppm	Tb ppm	Th ppm	Ta ppm	Tb ppm	Th ppm
50030	2080	1.59	<2	77.2	2370	<5	40	628	49.8	423	352	4	3.9	27.3	979	3.9	27.3	979
50031	2040	4.74	<2	53.4	2240	6	53	599	87.1	940	312	4	2.7	25.2	815	2.7	25.2	815
50032	92.7	0.26	<2	16.8	145.0	7	23	35.9	147.5	1110	24.3	2	0.8	2.00	24.7	0.8	2.00	24.7
50033	240	0.28	<2	19.5	278	<5	11	67.6	104.0	3200	44.6	1	1.1	3.31	19.20	1.1	3.31	19.20
50034	40.7	0.18	<2	25.4	63.5	<5	11	15.45	135.0	648	11.05	1	1.1	0.97	11.15	1.1	0.97	11.15
50035	412	0.30	<2	7.8	257	444	8	78.0	289	972	29.3	1	0.1	2.35	34.3	0.1	2.35	34.3
50036	134.0	0.20	<2	18.8	161.0	<5	9	39.7	97.0	2290	25.7	1	1.1	2.01	20.6	1.1	2.01	20.6
50037	1030	0.98	<2	73.9	1385	<5	33	347	85.1	694	210	3	3.7	15.70	421	3.7	15.70	421
50038	1260	1.16	<2	12.8	1450	<5	29	363	66.0	1625	220	1	1.625	16.90	214	1.625	16.90	214
50039	1740	1.30	<2	50.0	2190	<5	28	561	60.7	1060	325	2	2.6	24.3	688	2.6	24.3	688
50040	644	0.95	<2	46.5	783	12	12	196.5	22.2	2160	127.5	3	2.7	10.15	59.3	2.7	10.15	59.3
50045	326	0.50	<2	34.1	413	10	14	100.5	80.1	3040	68.0	2	1.8	5.39	35.2	1.8	5.39	35.2
50046	296	0.49	<2	40.9	401	8	17	95.5	77.2	3330	67.8	2	2.1	5.41	36.0	2.1	5.41	36.0
50047	911	1.11	<2	88.4	1270	<5	34	323	96.5	897	202	5	4.3	16.20	637	4.3	16.20	637
50048	468	0.90	<2	13.3	680	<5	26	160.0	96.8	2550	118.0	1	0.6	9.59	89.4	0.6	9.59	89.4
50049	240	0.39	<2	19.2	193.5	29	38	51.6	8.1	3060	30.0	2	0.7	2.61	16.75	0.7	2.61	16.75
50050	76.8	0.32	2	3.7	85.4	22	54	21.9	50.2	762	13.40	1	0.2	1.31	24.6	0.2	1.31	24.6
50051	99.7	0.34	<2	8.8	109.0	19	22	27.2	20.9	2350	18.05	2	0.3	1.70	9.10	0.3	1.70	9.10
50052	757	1.13	<2	19.1	1015	5	17	246	97.1	1980	189.0	2	1.0	13.15	195.0	1.0	13.15	195.0
50053	16.1	0.14	<2	8.3	22.6	<5	6	5.57	61.4	243	3.94	1	0.8	0.39	55.4	0.8	0.39	55.4
50054	4.1	0.17	<2	24.2	4.2	<5	17	1.17	71.7	80.7	0.62	1	3.2	0.08	25.4	3.2	0.08	25.4
50055	156.0	0.36	<2	17.9	214	<5	33	53.2	122.5	2600	35.5	1	1.0	3.10	10.35	1.0	3.10	10.35
50056	180.5	0.62	<2	1.2	301	<5	28	70.4	54.4	5830	53.2	<1	0.1	4.90	12.00	0.1	4.90	12.00
50057	501	0.38	<2	4.4	347	<5	28	101.0	92.4	3460	43.7	1	0.1	3.58	18.50	0.1	3.58	18.50
50058	312	0.39	<2	13.3	379	<5	22	95.1	83.2	3330	59.4	1	0.7	4.94	31.1	0.7	4.94	31.1
50060	213	0.22	<2	1.4	180.5	<5	25	49.6	92.4	3360	25.8	<1	<0.1	2.19	20.8	<0.1	2.19	20.8
50061	72.6	0.16	<2	6.3	84.7	<5	8	21.8	64.2	603	13.20	1	0.5	1.14	7.26	0.5	1.14	7.26
50062	487	0.55	<2	9.4	503	<5	30	133.5	40.7	4820	75.5	<1	0.4	6.41	46.5	0.4	6.41	46.5
50063	50.7	0.26	<2	22.2	78.5	11	13	19.20	59.6	2010	13.95	1	0.7	1.21	8.86	0.7	1.21	8.86
50064	205	0.25	<2	12.0	224	81	33	60.3	141.5	2870	33.5	1	0.5	2.72	20.6	0.5	2.72	20.6
50065	212	0.40	<2	22.6	252	64	36	66.2	96.5	2750	39.7	2	0.8	3.54	17.95	0.8	3.54	17.95
50066	114.5	0.23	<2	17.1	101.5	<5	35	28.5	33.7	1410	15.65	1	0.8	1.47	19.85	0.8	1.47	19.85
50067	146.5	0.33	<2	12.7	221	97	21	55.8	71.4	2370	35.7	1	0.6	3.02	16.75	0.6	3.02	16.75
50068	6590	0.26	<2	9.6	2320	<5	59	859	78.5	5960	168.5	1	0.3	10.70	182.0	0.3	10.70	182.0
50069	42.8	0.08	<2	7.2	45.4	<5	5	12.45	111.0	628	7.08	1	0.4	0.64	6.05	0.4	0.64	6.05
50070	409	0.24	<2	20.9	264	<5	52	77.1	119.5	4770	37.4	1	1.5	3.20	12.85	1.5	3.20	12.85
50071	196.0	0.28	<2	21.9	234	27	25	59.9	125.5	2980	38.5	1	1.1	3.12	9.75	1.1	3.12	9.75
50072	105.0	0.24	<2	19.6	175.0	<5	9	41.7	96.8	1955	30.0	1	1.0	2.48	9.98	1.0	2.48	9.98
50073	91.3	0.15	<2	11.4	91.8	<5	42	23.6	62.5	4790	15.10	1	1.2	1.35	4.69	1.2	1.35	4.69
50074	10.1	0.50	<2	16.4	9.6	7	40	2.74	51.1	66.8	1.68	2	2.0	0.23	123.0	2.0	0.23	123.0

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - C  
 Total # Pages: 4 (A - E)  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	ME-MS81 ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50030	<0.5	2.65	146.0	63	2	272	14.30	298	125	63.3	6.73	7.31	6.06	1.50	3.29
50031	0.5	5.39	395	53	2	389	34.7	280	>10000	81.4	8.40	8.77	4.87	1.55	3.48
50032	0.9	0.30	31.2	60	1	29.6	1.90	126	447	62.4	15.05	3.90	3.19	1.05	4.99
50033	0.7	0.34	4.70	75	1	40.5	2.12	102	97	54.6	17.15	4.46	11.40	1.72	3.88
50034	0.8	0.18	15.25	15	1	14.0	1.15	84	461	65.7	17.15	2.12	1.22	0.25	6.69
50035	2.1	0.32	3.45	181	1	29.0	2.09	409	167	45.6	8.81	12.80	9.71	10.95	2.40
50036	0.7	0.25	5.75	53	1	27.6	1.54	102	151	58.3	14.50	3.70	6.97	1.20	4.89
50037	0.6	1.54	90.0	63	2	159.5	8.56	258	105	65.1	9.25	6.53	5.74	1.51	3.58
50038	<0.5	1.64	25.0	116	2	197.0	9.50	286	136	48.7	8.40	9.59	14.70	2.92	3.47
50039	<0.5	2.19	100.5	51	2	238	11.80	221	61	65.2	9.20	6.02	4.65	1.08	4.01
50040	<0.5	1.12	13.30	201	2	130.0	7.01	289	154	45.7	4.61	13.25	19.65	4.60	3.26
50045	0.6	0.62	8.51	130	1	71.2	3.74	204	156	53.7	10.15	7.57	12.25	2.90	3.44
50046	0.6	0.61	8.33	132	1	71.6	3.71	188	199	53.8	10.30	7.66	12.05	2.92	3.40
50047	0.7	1.77	81.7	54	2	172.0	9.84	264	201	62.3	12.15	6.16	4.81	1.12	4.43
50048	0.6	1.24	18.85	90	2	133.5	7.27	188	193	56.0	12.35	6.04	8.29	1.73	4.31
50049	<0.5	0.45	5.88	200	2	43.9	2.81	258	262	52.6	13.10	8.72	10.35	4.01	5.76
50050	<0.5	0.33	6.70	203	1	24.6	2.21	155	86	53.0	17.70	8.54	6.85	4.26	5.90
50051	<0.5	0.38	3.79	196	1	33.7	2.41	202	203	54.8	14.75	6.79	7.87	4.19	6.32
50052	0.6	1.60	25.3	108	2	178.5	9.28	154	105	54.1	11.60	8.38	10.55	2.13	4.15
50053	<0.5	0.11	10.25	8	1	8.1	0.76	53	128	71.8	13.05	1.71	1.06	0.25	6.09
50054	<0.5	0.08	14.45	<5	2	4.4	0.80	27	137	75.4	12.70	1.30	0.13	0.03	7.48
50055	0.8	0.41	3.90	45	1	41.0	2.54	83	207	55.4	14.30	4.05	8.33	1.18	3.96
50056	<0.5	0.81	5.34	23	1	80.4	4.68	67	125	26.1	5.81	2.22	32.8	0.77	1.89
50057	0.5	0.41	2.30	59	1	43.8	2.62	89	193	49.8	11.25	5.20	13.00	1.75	3.60
50058	0.5	0.55	7.23	27	1	61.1	3.14	61	150	53.6	13.35	2.31	10.60	0.62	4.85
50060	<0.5	0.29	4.73	14	1	31.5	1.64	27	133	56.4	15.15	1.16	8.45	0.23	5.69
50061	<0.5	0.14	2.04	20	1	14.3	0.97	98	40	71.1	11.20	3.03	3.72	0.43	5.21
50062	<0.5	0.79	14.60	19	1	87.7	4.37	38	102	38.2	9.72	1.30	23.3	0.33	4.48
50063	<0.5	0.19	2.76	79	1	16.8	1.46	138	322	63.2	14.25	4.71	4.88	1.57	6.55
50064	0.9	0.34	6.45	91	1	39.1	1.94	135	169	54.2	13.70	5.97	6.05	4.50	4.00
50065	0.6	0.55	8.61	117	1	56.3	3.16	171	583	54.2	12.55	7.06	8.38	4.72	4.32
50066	<0.5	0.31	8.40	37	1	27.1	1.75	131	638	63.0	18.80	2.96	2.27	0.76	9.01
50067	<0.5	0.38	4.57	67	1	41.1	2.32	128	185	57.0	11.80	4.92	9.42	3.90	4.12
50068	<0.5	0.38	10.00	41	1	44.3	2.32	70	17	54.9	18.35	3.58	6.17	0.14	5.56
50069	0.5	0.10	1.94	13	1	9.5	0.54	39	74	69.2	14.60	1.58	1.29	0.30	5.91
50070	0.8	0.36	4.18	45	1	41.4	1.98	115	140	55.9	16.60	5.21	4.17	1.13	4.88
50071	0.8	0.35	3.83	144	2	41.4	2.06	177	231	49.5	13.95	8.81	7.44	4.43	4.07
50072	0.5	0.27	2.66	23	1	27.7	1.67	110	65	60.8	14.05	2.66	5.76	0.66	5.74
50073	<0.5	0.20	2.55	30	1	21.4	1.22	68	100	59.6	18.25	2.48	4.00	0.70	7.50
50074	<0.5	0.27	58.8	8	2	13.9	2.51	60	409	74.6	12.75	2.83	0.23	0.04	7.67

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - D  
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Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
	50030	2.04	<0.01	1.04	0.26	0.21	0.06	0.06	1.50	93.4						
	50031	3.10	<0.01	0.51	0.27	0.09	0.12	0.18	2.09	94.8						
	50032	6.58	<0.01	0.64	0.10	0.35	0.14	0.27	0.59	99.3						
	50033	5.48	<0.01	0.50	0.15	1.48	0.40	0.58	4.04	101.0						
	50034	5.70	<0.01	0.21	0.07	0.06	0.08	0.19	0.10	99.5						
	50035	3.27	0.21	0.54	0.30	0.26	0.12	0.11	1.50	96.6	<0.001	<0.005	0.001	<0.5	<5	<0.5
	50036	5.59	<0.01	0.47	0.10	0.73	0.29	0.43	1.86	99.0						
	50037	3.74	<0.01	1.18	0.22	0.19	0.09	0.16	0.59	97.9						
	50038	3.18	<0.01	0.33	0.31	4.29	0.20	0.28	1.50	97.9						
	50039	3.04	<0.01	0.75	0.22	0.11	0.13	0.11	1.00	95.5						
	50040	0.93	<0.01	1.01	0.38	3.28	0.27	0.12	2.38	99.4						
	50045	4.36	<0.01	1.09	0.26	2.36	0.37	0.71	0.59	99.8						
	50046	4.38	<0.01	1.28	0.23	2.13	0.41	0.63	0.59	99.8						
	50047	4.69	0.02	1.45	0.21	0.20	0.11	0.18	0.89	98.7						
	50048	5.01	<0.01	0.28	0.25	1.85	0.31	0.51	0.79	97.7						
	50049	0.85	0.01	0.64	0.23	0.25	0.37	0.05	1.88	98.8	<0.001	<0.005	<0.001	<0.5	<5	<0.5
	50050	1.68	<0.01	0.66	0.15	0.23	0.09	0.06	0.60	99.7	0.002	<0.005	<0.001	<0.5	<5	<0.5
	50051	1.10	<0.01	0.63	0.20	0.35	0.28	0.08	0.89	100.0	<0.001	<0.005	<0.001	<0.5	<5	<0.5
	50052	4.61	<0.01	0.40	0.23	3.49	0.24	0.35	1.98	100.0						
	50053	2.28	<0.01	0.06	0.05	<0.01	0.03	0.02	1.10	97.5						
	50054	0.85	<0.01	0.01	0.01	0.01	0.01	<0.01	0.49	98.4						
	50055	6.58	<0.01	0.28	0.13	0.92	0.32	0.47	3.18	99.1						
	50056	2.92	<0.01	0.02	0.19	1.07	0.81	0.16	25.2	100.0						
	50057	5.11	<0.01	0.15	0.17	0.87	0.48	0.54	7.51	99.4						
	50058	5.61	<0.01	0.20	0.10	1.41	0.45	0.38	6.48	100.0						
	50060	5.47	<0.01	0.04	0.05	0.54	0.46	0.31	5.81	99.8						
	50061	3.30	<0.01	0.15	0.14	0.26	0.08	0.08	1.19	99.9						
	50062	2.82	<0.01	0.11	0.10	1.57	0.67	0.11	16.55	99.3						
	50063	4.16	0.01	0.34	0.18	0.19	0.27	0.20	0.50	101.0						
	50064	5.72	0.01	1.03	0.11	1.14	0.39	0.45	0.70	98.0						
	50065	4.15	0.01	1.14	0.14	1.19	0.37	0.43	0.79	99.5						
	50066	1.40	<0.01	0.51	0.05	0.23	0.19	0.13	0.20	99.5						
	50067	4.40	0.02	0.50	0.12	0.85	0.30	0.32	1.00	98.7						
	50068	3.73	<0.01	0.31	0.07	0.28	0.76	0.90	3.39	98.1						
	50069	5.00	<0.01	0.23	0.04	0.06	0.08	0.22	1.20	99.7						
	50070	6.07	<0.01	0.40	0.11	0.62	0.64	0.73	2.20	98.7						
	50071	4.51	<0.01	1.36	0.16	1.87	0.40	0.51	1.40	98.4						
	50072	5.09	<0.01	0.33	0.13	0.31	0.26	0.26	3.47	99.5						
	50073	2.96	<0.01	0.24	0.06	0.30	0.62	0.53	2.99	100.0						
	50074	0.61	<0.01	0.05	0.03	0.01	0.01	<0.01	0.80	99.6						

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 3 - E  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm	ME-AQ81 Mo ppm	ME-AQ81 Ni ppm	ME-AQ81 Pb ppm	ME-AQ81 Zn ppm
50030								
50031								
50032								
50033								
50034								
50035		31	1	<1	1	259	9	282
50036								
50037								
50038								
50039								
50040								
50045								
50046								
50047								
50048								
50049		11	163	<1	1	10	30	125
50050		16	335	<1	2	8	43	109
50051		18	274	<1	1	7	12	111
50052								
50053								
50054								
50055								
50056								
50057								
50058								
50060								
50061								
50062								
50063								
50064								
50065								
50066								
50067								
50068								
50069								
50070								
50071								
50072								
50073								
50074								

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.





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Page: 4 - A  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	WEI-21 Rec'd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	50075	3.62	<1	2120	1210	3.3	<10	0.82	<5	26.0	10.10	21.0	22.3	68.7	3.9	3.86
	50076	2.44	<1	1360	457	5.1	10	4.20	15	9.54	3.99	7.90	12.3	25.2	1.9	1.49
	50077	2.72	<1	2440	69.2	2.7	<10	0.77	6	4.12	1.58	2.95	20.5	8.02	2.8	0.62
	50078	3.04	<1	2810	194.5	1.5	10	1.18	7	4.42	1.75	3.72	19.3	11.45	1.1	0.65
	50079	3.06	<1	1565	2400	7.1	10	0.66	<5	57.6	24.0	41.8	18.6	137.0	5.5	9.06
	50080	0.82	<1	1800	727	3.0	<10	0.87	<5	16.80	6.90	13.15	18.1	42.0	2.9	2.59
	50081	1.72	<1	1365	1495	5.6	<10	0.47	<5	29.0	11.75	24.5	16.6	80.3	4.9	4.33
	50082	1.12	<1	3900	620	2.6	<10	1.69	<5	4.05	2.03	5.25	15.9	19.05	1.5	0.59
	50083	2.36	<1	4380	561	10.7	10	0.67	<5	17.45	6.23	14.15	14.5	42.2	7.0	2.51
	50084	1.24	<1	985	1420	4.4	10	0.61	<5	27.7	10.20	20.7	24.8	66.0	4.2	3.93
	50085	2.02	<1	3580	902	10.7	<10	0.46	<5	22.1	8.52	17.75	16.0	56.4	3.9	3.26
	50086	0.12	<1	928	6060	7.3	30	0.94	<5	136.0	86.6	84.8	32.5	280	916	26.2
	50087	1.02	<1	2840	365	16.7	70	0.36	<5	9.91	3.87	7.85	16.4	25.0	6.2	1.47
	50088	2.28	<1	2180	180.0	2.6	10	0.98	<5	4.91	1.86	3.71	21.6	12.10	7.2	0.67
	50089	1.26	<1	1740	506	1.3	10	0.50	<5	8.20	3.35	6.79	22.0	24.2	4.2	1.17
	50090	1.42	<1	345	1055	1.0	<10	0.13	<5	16.55	7.14	13.35	6.9	50.2	1.9	2.62
	50091	1.12	<1	1220	134.5	12.6	30	1.01	31	4.70	2.07	2.93	20.3	9.92	6.3	0.78
	50092	2.08	<1	234	16.6	<0.5	20	1.24	<5	0.67	0.49	0.29	20.0	1.07	3.5	0.15
	50093	1.38	<1	1120	183.5	2.0	<10	0.84	<5	4.76	1.85	3.73	21.6	12.70	2.1	0.72
	50094	1.00	<1	1570	123.0	2.2	40	1.23	<5	4.61	1.84	2.79	20.4	10.30	5.2	0.70

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 4 - B  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16-AUG-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
	50075	511	0.64	<2	13.7	597	<5	19	155.5	93.0	91.8	1	2820	0.7	7.42	86.2
	50076	227	0.25	<2	4.3	207	<5	55	55.4	101.5	31.5	<1	6400	0.2	2.71	8.97
	50077	22.6	0.21	<2	15.3	52.5	<5	13	11.45	155.0	10.90	1	878	0.7	1.06	2.07
	50078	89.1	0.14	<2	11.4	96.1	<5	13	25.1	127.5	15.05	1	1620	0.5	1.25	8.86
	50079	1125	1.63	<2	10.2	1125	<5	15	295	53.2	175.0	2	2660	0.4	15.45	94.6
	50080	315	0.52	<2	6.2	354	<5	23	93.4	107.0	55.2	1	2920	0.3	4.74	26.3
	50081	676	0.90	<2	10.8	710	<5	22	188.5	42.2	105.5	3	3820	0.6	8.53	53.8
	50082	336	0.12	<2	2.4	224	<5	42	67.9	95.0	23.9	<1	5930	0.1	1.57	12.35
	50083	239	0.46	<2	27.9	330	6	26	78.4	76.6	58.1	2	3080	1.9	4.92	11.20
	50084	395	0.70	<2	23.0	544	<5	24	144.0	80.6	90.3	2	649	1.5	7.76	242
	50085	398	0.70	<2	23.0	457	<5	18	117.0	81.7	74.4	1	2850	1.6	6.31	73.0
	50086	2220	13.05	<2	74.2	2550	<5	129	692	59.2	392	5	580	3.8	33.1	>1000
	50087	128.5	0.38	<2	6.3	210	76	24	52.2	71.4	33.4	1	1930	0.3	2.82	17.95
	50088	63.4	0.15	<2	21.3	101.0	<5	8	25.1	115.5	17.95	1	844	0.6	1.29	11.85
	50089	233	0.21	<2	9.1	219	<5	18	57.7	71.3	32.6	<1	4180	0.3	2.30	23.1
	50090	520	0.49	<2	1.6	412	<5	56	109.0	11.6	58.6	<1	>10000	0.1	4.64	23.8
	50091	44.2	0.28	<2	19.3	69.5	13	26	16.70	110.0	12.25	1	1370	0.7	1.10	11.20
	50092	7.1	0.11	<2	4.8	7.1	<5	14	1.86	133.5	1.14	<1	204	0.5	0.13	6.06
	50093	79.1	0.19	<2	21.4	96.9	<5	10	23.4	113.0	15.90	1	1955	0.8	1.33	5.65
	50094	43.3	0.16	<2	17.5	70.0	<5	8	16.50	148.5	13.20	2	482	1.3	1.15	11.65

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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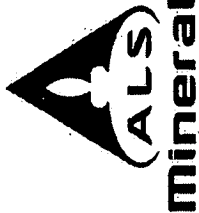
Page: 4 - C  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
	50075	<0.5	0.91	14.90	38	2	94.8	5.16	92	149	53.6	12.55	2.83	10.80	0.66	4.91
	50076	0.7	0.37	2.08	35	1	41.0	2.02	134	75	48.8	16.00	3.97	12.00	1.58	6.67
	50077	1.0	0.18	2.11	25	1	15.6	1.19	66	100	64.5	14.65	2.87	2.98	0.56	4.31
	50078	0.7	0.16	2.31	15	1	16.4	1.01	49	39	62.6	15.80	1.46	3.67	0.34	6.09
	50079	<0.5	2.36	18.80	147	2	239	13.20	180	192	41.3	5.97	7.35	23.0	1.68	2.74
	50080	0.5	0.67	10.00	29	2	67.9	3.86	107	103	53.9	10.30	2.90	13.95	0.70	3.77
	50081	<0.5	1.06	15.75	117	2	114.5	6.34	299	242	37.8	4.87	7.71	25.4	2.31	2.70
	50082	0.5	0.15	1.31	17	1	16.0	0.89	45	76	59.0	18.20	1.76	4.58	0.61	6.96
	50083	0.5	0.58	3.50	85	1	65.5	3.24	127	282	50.5	13.20	7.11	9.79	2.66	4.11
	50084	<0.5	0.95	55.4	31	1	75.7	5.38	192	135	69.6	11.90	4.01	2.89	0.84	5.50
	50085	<0.5	0.79	15.05	106	1	85.0	4.79	197	170	50.8	9.43	6.72	14.65	2.20	3.66
	50086	<0.5	12.05	769	55	3	669	81.4	333	>10000	55.3	4.93	7.78	6.21	1.56	2.07
	50087	<0.5	0.38	5.05	81	1	38.6	2.43	217	258	56.1	10.70	7.23	10.15	3.93	4.45
	50088	0.6	0.18	4.58	23	1	18.8	1.15	88	325	66.1	14.75	2.39	2.20	0.51	5.63
	50089	<0.5	0.30	4.69	12	1	35.2	1.77	27	260	53.1	14.50	1.18	11.15	0.26	5.72
	50090	<0.5	0.69	4.80	8	1	70.8	3.97	23	71	8.72	1.82	0.81	47.5	0.19	0.74
	50091	0.6	0.27	7.31	75	1	18.6	1.72	146	245	62.5	14.00	5.06	5.20	1.81	5.62
	50092	0.7	0.08	4.32	<5	1	5.0	0.65	25	103	74.7	13.40	0.77	0.76	0.04	5.38
	50093	0.7	0.18	2.03	19	1	16.9	1.22	95	78	62.2	14.95	2.47	5.24	0.51	5.36
	50094	1.0	0.20	4.93	15	1	17.0	1.23	63	202	69.9	14.30	2.08	1.41	0.43	5.18

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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Page: 4 - D  
 Total # Pages: 4 (A - E)  
 Finalized Date: 16- AUG- 2010  
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**CERTIFICATE OF ANALYSIS VA10102863**

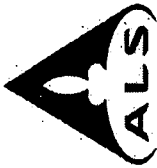
Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
50075	4.78	<0.01	0.24	0.12	0.73	0.37	0.25	100.5	0.001	0.005	0.001	0.5	5	0.5
50076	1.52	<0.01	0.23	0.09	0.95	0.83	0.16	101.0	0.001	0.005	0.001	0.5	5	0.5
50077	7.58	<0.01	0.24	0.09	0.11	0.11	0.29	100.0	0.001	0.005	0.001	0.5	5	0.5
50078	5.84	<0.01	0.16	0.07	0.09	0.21	0.34	99.7	0.001	0.005	0.001	0.5	5	0.5
50079	2.41	<0.01	0.30	0.32	4.36	0.35	0.18	99.1	0.001	0.005	0.001	0.5	5	0.5
50080	4.55	<0.01	0.07	0.14	0.94	0.37	0.21	101.0	0.001	0.005	0.001	0.5	5	0.5
50081	2.02	<0.01	0.14	0.39	2.07	0.50	0.16	100.0	0.001	0.005	0.001	0.5	5	0.5
50082	3.65	<0.01	0.10	0.07	0.27	0.76	0.46	99.4	0.001	0.005	0.001	0.5	5	0.5
50083	4.66	<0.01	0.59	0.21	1.69	0.41	0.53	99.5	0.001	0.005	0.001	0.5	5	0.5
50084	3.38	<0.01	0.41	0.17	0.16	0.08	0.12	100.5	0.001	0.005	0.001	0.5	5	0.5
50085	4.42	<0.01	0.38	0.24	2.32	0.37	0.42	101.0	0.001	0.005	0.001	0.5	5	0.5
50086	2.51	<0.01	1.02	0.27	0.24	0.08	0.10	84.2	0.001	0.005	0.001	0.5	5	0.5
50087	3.51	0.01	0.21	0.20	0.82	0.23	0.32	99.3	0.001	0.005	0.001	0.5	5	0.5
50088	4.85	<0.01	0.45	0.06	0.20	0.10	0.25	98.6	0.001	0.005	0.001	0.5	5	0.5
50089	4.04	<0.01	0.11	0.05	0.46	0.49	0.19	99.4	0.001	0.005	0.001	0.5	5	0.5
50090	0.57	<0.01	0.02	0.15	0.17	1.40	0.04	99.7	0.001	0.005	0.001	0.5	5	0.5
50091	4.39	0.01	0.36	0.14	0.15	0.16	0.14	100.5	0.001	0.005	0.001	0.5	5	0.5
50092	3.87	<0.01	0.03	0.02	<0.01	0.02	0.03	100.5	0.001	0.005	0.001	0.5	5	0.5
50093	5.63	<0.01	0.22	0.12	0.19	0.23	0.12	100.0	0.001	0.005	0.001	0.5	5	0.5
50094	5.15	0.01	0.30	0.04	0.10	0.06	0.18	99.5	0.001	0.005	0.001	0.5	5	0.5

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.

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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10102863**

Sample Description	Method Analyte Units LOR	ME- AQ81 Co ppm	ME- AQ81 Cu ppm	ME- AQ81 Hg ppm	ME- AQ81 Mo ppm	ME- AQ81 Ni ppm	ME- AQ81 Pb ppm	ME- AQ81 Zn ppm
50075		1	1	1	1	1	2	2
50076								
50077								
50078								
50079								
50080								
50081								
50082								
50083								
50084								
50085								
50086								
50087								
50088								
50089								
50090								
50091								
50092								
50093								
50094								

Comments: Samples high in rare earth metal and/or Zr content will have low whole rock total.



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31- AUG- 2010  
Account: MEDRES

**CERTIFICATE VA10116145**

Project: Eden Lake  
P.O. No.:  
This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on  
19- AUG- 2010.  
The following have access to data associated with this certificate:  
WILLIAM H. BIRD CARLOS KATSURAGI DR. HAMID MUMIN

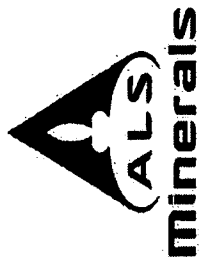
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- MS81h	High grade REE by fusion/ICPMS	ICP- MS

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**Signature:**  
  
Colin Ramshaw, Vancouver Laboratory Manager

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 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10116145**

Sample Description	Method Analyte Units	Ce	Dy	Er	Eu	Gd	Hf	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
50005		17050	30.4	20.2	56.9	356	2	3.90	11150	0.52	15	4210	1535	32	318	<5
50031		4430	87.3	43.7	62.3	236	295	14.50	1840	4.43	50	2020	561	74	287	<5
50086		5440	124.0	77.9	79.7	288	862	23.5	2000	11.65	63	2350	647	52	361	<5
50090		1015	17.1	7.5	14.5	52.6	4	2.69	506	0.52	4	433	120.0	10	61.9	<5



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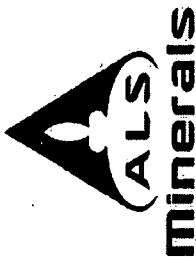
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10116145**

Sample Description	Method Analyte Units LOR	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h	ME-MS81h
		Ta ppm	Tb ppm	Th ppm	Tm ppm	U ppm	W ppm	Y ppm	Yb ppm	Zr ppm	Y ppm	Yb ppm
50005		<0.5	19.05	337	0.75	16.4	<5	98	4.5	100		
50031		2.3	23.3	840	4.95	378	<5	358	31.6	21400		
50086		3.1	30.1	2640	10.85	749	<5	590	74.8	>50000		
50090		<0.5	4.96	36.0	0.64	6.8	<5	72	4.1	260		





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 Finalized Date: 15- SEP- 2010  
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**CERTIFICATE VA10121246**

Project: Eden Lake  
 P.O. No.:  
 This report is for 13 Rock samples submitted to our lab in Vancouver, BC, Canada on 7- SEP- 2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- AQ81	Base Metals by Aqua Regia dig.	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10121246**

Method Analyte Units LOR	Sample Description	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
	50107	6.04	<1	4150	783	12.2	10	0.62	<5	18.80	7.21	16.05	16.5	52.1	2.8	2.73
	50108	6.22	<1	4700	736	13.2	10	0.90	<5	18.05	6.87	15.45	15.4	51.1	4.5	2.59
	50109	5.28	<1	3760	489	8.6	10	0.99	11	12.35	4.83	10.45	15.6	34.4	3.9	1.83
	50110	2.64	<1	2110	183.5	3.0	<10	1.10	13	4.68	1.87	3.90	19.6	12.60	2.2	0.71
	50111	5.52	<1	4850	661	12.9	<10	0.96	64	16.00	6.10	13.60	15.9	45.0	4.5	2.35
	50112	6.50	<1	3730	867	10.3	<10	0.66	11	20.4	7.76	17.05	17.8	55.9	3.8	3.01
	50113	5.80	<1	3010	711	8.4	<10	0.90	<5	15.75	6.22	13.15	18.4	44.2	3.8	2.39
	50114	3.96	1	3970	579	11.8	10	0.63	14	14.60	5.23	13.45	16.1	37.3	6.3	2.17
	50115	6.84	1	3940	759	14.6	10	0.45	25	17.55	6.29	16.30	14.8	45.7	5.4	2.63
	50116	4.88	1	2890	503	11.3	10	0.48	24	13.15	4.72	12.10	16.3	33.4	3.8	1.94
	50117	5.98	<1	4420	786	14.1	<10	0.59	13	19.40	7.27	16.40	16.2	52.5	3.1	2.75
	50118	5.56	<1	5130	735	13.5	<10	0.64	12	18.15	7.05	15.50	16.0	50.9	3.5	2.68
	50119	7.06	<1	5360	649	13.1	<10	0.93	8	16.90	6.38	14.85	16.2	46.8	3.6	2.43



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Page: 2 - B  
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**CERTIFICATE OF ANALYSIS VA10121246**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sb ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50107		328	0.54	<2	39.9	431	<5	13	108.0	93.0	72.4	2700	1.8	5.55	46.6
50108		307	0.50	<2	35.0	404	5	14	101.5	80.7	68.5	3280	1.6	5.27	43.2
50109		209	0.33	<2	23.9	270	<5	15	67.8	118.0	46.1	2710	1.1	3.64	22.4
50110		77.2	0.17	<2	11.2	99.9	<5	13	25.1	136.5	16.85	1445	0.7	1.36	22.1
50111		280	0.44	<2	34.7	351	5	20	90.0	117.5	59.6	3790	1.5	4.78	27.6
50112		370	0.52	<2	27.3	451	<5	15	117.0	103.5	75.0	2410	1.1	5.92	85.1
50113		316	0.42	<2	26.0	352	<5	10	92.6	122.5	56.7	1585	1.0	4.65	35.3
50114		236	0.38	<2	33.3	312	6	17	78.2	90.0	53.0	2480	1.5	4.42	57.8
50115		324	0.45	<2	36.7	390	7	15	100.0	73.8	64.5	2650	1.7	5.37	37.7
50116		210	0.33	<2	30.7	274	6	11	69.7	75.5	47.5	1930	1.5	3.87	26.4
50117		331	0.51	<2	33.5	420	<5	15	107.5	98.4	70.3	2940	1.5	5.67	39.7
50118		313	0.48	<2	31.1	393	7	16	100.0	78.3	66.5	4040	1.3	5.33	37.1
50119		273	0.44	<2	39.0	357	<5	18	89.8	91.6	61.1	3770	1.7	4.89	32.3



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Page: 2 - C  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10121246**

Method Analyte Units LOR	Sample Description	ME-MS81 TI ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
	50107	0.6	0.66	13.85	119	<1	74.2	3.90	187	132	53.8	10.20	7.61	12.30	2.58	3.26
	50108	0.7	0.60	11.35	122	<1	69.4	3.62	172	112	52.6	10.15	7.83	13.05	2.75	2.96
	50109	0.8	0.41	7.89	81	<1	46.5	2.31	111	168	54.8	10.90	5.25	9.29	1.90	3.40
	50110	0.8	0.18	8.58	30	<1	19.5	1.07	48	85	68.7	12.95	2.24	3.72	0.60	4.61
	50111	0.8	0.56	7.74	93	<1	61.3	3.02	135	188	53.3	11.50	6.15	12.30	2.04	3.49
	50112	0.7	0.69	19.05	87	1	78.9	3.86	177	142	56.3	10.65	6.11	11.70	2.10	3.55
	50113	0.8	0.57	14.05	74	1	64.6	3.17	144	165	59.1	11.85	5.33	9.13	1.78	3.82
	50114	0.7	0.47	10.15	88	1	60.3	2.92	139	259	57.0	11.15	6.52	10.75	2.25	3.64
	50115	0.6	0.54	8.07	105	1	71.9	3.35	164	224	54.0	10.20	8.22	13.00	2.95	3.40
	50116	0.6	0.42	6.38	79	1	53.4	2.48	124	160	59.8	10.85	6.02	9.91	2.03	3.91
	50117	0.7	0.63	9.91	112	1	73.7	3.58	166	118	53.3	10.35	7.81	12.80	2.77	3.16
	50118	0.6	0.62	8.92	109	1	72.4	3.47	158	128	51.4	10.25	7.46	13.90	2.65	2.82
	50119	0.6	0.55	7.79	111	1	63.7	3.14	150	162	53.6	11.10	7.33	11.85	2.57	3.12



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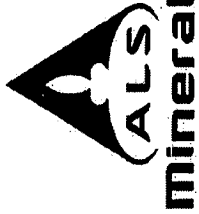
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Page: 2 - D  
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**CERTIFICATE OF ANALYSIS VA10121246**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO %	ME-ICP06 BaO %	OA-GRA05 LOI %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm
	50107	4.89	<0.01	1.02	0.23	1.84	0.32	0.47	1.78	100.0						
	50108	4.81	<0.01	1.00	0.23	1.98	0.39	0.53	1.69	100.0						
	50109	4.43	<0.01	0.71	0.14	1.42	0.32	0.43	2.00	95.0						
	50110	4.49	<0.01	0.25	0.05	0.45	0.17	0.24	1.10	99.6						
	50111	5.01	<0.01	0.97	0.17	1.42	0.44	0.55	2.99	100.5	<0.001	<0.005	<0.001	1.1	<5	<0.5
	50112	4.63	<0.01	0.72	0.21	1.68	0.28	0.42	2.99	101.5						
	50113	5.27	<0.01	0.65	0.18	1.39	0.19	0.35	1.19	100.0						
	50114	4.66	<0.01	0.90	0.18	1.68	0.32	0.48	0.80	100.5						
	50115	4.14	<0.01	1.08	0.22	2.22	0.35	0.48	0.70	101.0						
	50116	3.97	<0.01	0.81	0.16	1.52	0.24	0.34	1.30	101.0						
	50117	4.77	<0.01	1.02	0.22	2.17	0.35	0.51	0.40	99.6	<0.001	<0.005	<0.001	0.5	<5	<0.5
	50118	4.87	<0.01	0.99	0.21	2.01	0.47	0.58	1.80	99.4						
	50119	5.09	<0.01	1.18	0.20	1.78	0.45	0.61	0.30	99.2						



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**CERTIFICATE OF ANALYSIS VA10121246**

Method Analyte Units LOR	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm	ME-AQ81 Mo ppm	ME-AQ81 Ni ppm	ME-AQ81 Pb ppm	ME-AQ81 Zn ppm
50107							
50108							
50109							
50110							
50111	5	69	<1	<1	5	12	14
50112							
50113							
50114							
50115							
50116							
50117	3	12	<1	1	1	10	22
50118							
50119							



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**CERTIFICATE VA10121247**

Project: Eden Lake  
 P.O. No.:  
 This report is for 12 Rock samples submitted to our lab in Vancouver, BC, Canada on  
 7- SEP- 2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

SAMPLE PREPARATION		
ALS CODE	DESCRIPTION	
WEI- 21	Received Sample Weight	
LOG- 22	Sample login - Rcd 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	INSTRUMENT
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS VA10121247**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 HF ppm	ME-MS81 Ho ppm
50140	6.92	<1	4590	627	11.1	10	0.44	12	18.25	6.52	15.65	15.2	49.1	5.4	2.53
50141	7.46	<1	4290	656	12.5	10	0.66	16	19.00	6.72	16.35	16.7	50.9	2.3	2.64
50142	8.34	<1	3420	550	11.1	10	0.57	6	16.90	5.95	14.40	16.1	45.0	4.7	2.29
50143	2.46	<1	3590	627	10.8	<10	0.60	<5	16.95	6.14	14.50	17.5	46.6	3.1	2.31
50144	4.42	<1	1660	120.5	1.6	10	0.88	6	4.23	1.56	3.35	22.3	10.30	6.2	0.57
50145	5.24	<1	4800	621	11.3	10	0.68	12	17.75	6.39	15.10	16.0	48.2	1.3	2.43
50146	11.80	<1	5000	603	10.9	<10	0.73	15	16.15	5.88	14.00	16.8	44.2	2.5	2.26
50147	5.32	1	2850	398	6.5	10	1.00	13	10.00	3.85	8.27	18.4	26.9	4.7	1.51
50148	5.52	1	1840	224	4.3	10	0.85	9	5.66	2.22	4.62	20.5	15.15	5.7	0.88
50149	5.76	1	4280	762	16.4	10	0.98	40	17.85	6.92	14.95	15.7	48.8	7.9	2.71
50150	3.72	<1	727	17.3	<0.5	10	1.00	8	0.62	0.35	0.37	20.4	1.20	3.2	0.11
50151	3.44	1	4670	859	15.0	10	0.86	11	19.75	7.93	16.40	15.7	54.2	7.6	3.09





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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15- SEP- 2010  
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**CERTIFICATE OF ANALYSIS VA10121247**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50140		248	0.45	<2	38.8	320	<5	185	78.5	87.4	57.9	2	2710	1.6	4.94	46.4
50141		259	0.48	<2	38.0	343	<5	320	82.9	88.1	61.8	2	2710	1.9	5.22	33.0
50142		211	0.42	<2	40.3	302	<5	33	71.9	85.4	55.3	2	2160	1.9	4.62	26.3
50143		252	0.43	<2	36.3	317	<5	53	79.4	83.6	56.5	2	2110	1.6	4.65	26.0
50144		43.7	0.16	<2	20.7	69.2	<5	15	16.40	112.0	12.95	1	657	0.6	1.08	7.05
50145		250	0.45	<2	30.9	327	5	36	79.7	88.7	57.4	2	2830	1.7	4.89	40.5
50146		246	0.43	<2	28.7	314	<5	20	76.3	102.0	55.1	2	2890	1.5	4.49	33.2
50147		161.0	0.28	<2	26.7	217	5	24	56.3	111.0	36.3	1	1235	1.0	2.75	25.3
50148		97.0	0.19	<2	16.1	119.5	<5	12	31.1	107.0	19.65	1	1040	0.9	1.53	15.80
50149		321	0.46	<2	38.1	397	8	30	102.0	77.8	65.0	3	3060	1.7	4.92	38.8
50150		7.6	0.05	<2	5.4	8.5	<5	12	2.26	141.5	1.47	1	307	0.5	0.13	5.42
50151		362	0.55	<2	39.0	446	7	27	115.5	94.8	72.5	2	2660	1.7	5.39	50.0

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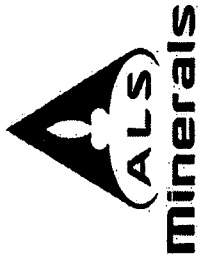
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Project: Eden Lake



**CERTIFICATE OF ANALYSIS VAI0121247**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
	50140	0.7	0.56	8.78	89	<1	61.6	3.34	334	221	56.7	9.96	7.14	10.30	2.56	3.38
	50141	0.7	0.57	9.43	98	<1	63.4	3.41	176	104	54.6	10.15	7.49	11.00	2.71	3.53
	50142	0.6	0.53	7.53	89	<1	57.6	3.14	154	196	57.9	10.10	6.68	9.68	2.38	3.60
	50143	0.6	0.54	6.90	84	1	57.5	3.13	168	121	57.2	10.70	6.66	10.00	2.36	4.01
	50144	0.8	0.16	3.47	15	1	13.7	1.02	70	358	69.1	14.75	2.04	1.82	0.39	5.35
	50145	0.7	0.57	8.42	94	<1	61.1	3.28	151	60	55.2	10.60	6.94	10.55	2.55	3.66
	50146	0.7	0.54	9.42	87	<1	57.4	3.11	137	116	55.0	11.25	6.38	9.93	2.35	3.57
	50147	0.9	0.34	7.55	46	1	36.2	1.95	104	197	61.9	13.35	3.90	5.41	1.21	4.35
	50148	0.8	0.21	6.72	32	1	23.4	1.23	70	194	68.3	12.55	2.85	3.68	0.87	4.70
	50149	0.7	0.56	11.10	115	1	69.1	3.27	166	323	52.8	9.70	8.11	12.15	3.08	3.07
	50150	0.9	0.05	3.28	<5	1	4.1	0.32	22	77	74.1	13.15	1.17	0.68	0.08	5.03
	50151	0.7	0.68	15.10	107	1	79.8	4.03	193	324	53.1	9.33	7.82	12.80	2.98	3.06



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-SEP-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10121247**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	OA-GRA05 LOI %	TOT-ICP06 Total %
	50140	4.23	<0.01	1.13	0.22	1.64	0.33	0.53	0.60	0.60	98.7
	50141	4.26	<0.01	1.19	0.23	1.76	0.34	0.49	-0.10	-0.10	97.7
	50142	4.20	<0.01	1.16	0.20	1.50	0.26	0.39	-0.10	-0.10	98.0
	50143	4.27	<0.01	0.97	0.21	1.58	0.26	0.41	1.60	1.60	100.0
	50144	5.43	<0.01	0.29	0.07	0.08	0.08	0.19	0.10	0.10	99.7
	50145	4.50	<0.01	1.13	0.21	1.71	0.35	0.55	0.60	0.60	98.6
	50146	5.06	<0.01	0.93	0.19	1.64	0.33	0.57	0.10	0.10	97.3
	50147	5.77	<0.01	0.50	0.12	0.79	0.16	0.34	0.89	0.89	98.7
	50148	4.43	<0.01	0.36	0.08	0.59	0.13	0.21	0.10	0.10	98.9
	50149	4.20	<0.01	1.13	0.23	2.07	0.39	0.50	0.60	0.60	98.0
	50150	4.32	<0.01	0.05	0.02	0.01	0.04	0.08	0.10	0.10	98.8
	50151	4.30	<0.01	0.99	0.24	2.13	0.33	0.54	0.30	0.30	97.9



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Page: 1  
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**CERTIFICATE VA10133018**

Project: Eden Lake  
 P.O. No.:  
 This report is for 43 Rock samples submitted to our lab in Vancouver, BC, Canada on 17-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD CARLOS KATSURAGI DR. HAMID MUMIN

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- AQ81	Base Metals by Aqua Regia dig.	ICP- AES
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
 #1160- 595 HOWE ST.  
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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager

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.



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Page: 2 - A  
 Total # Pages: 3 (A - E)  
 Finalized Date: 12-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50059	3.34	<1	1480	436	3.6	<10	0.49	<5	15.30	6.41	10.40	12.9	34.7	3.1	2.46
50095	1.88	<1	5770	445	10.1	10	0.62	10	14.05	5.17	10.50	15.6	34.5	4.2	2.06
50096	3.28	<1	837	1380	35.6	10	0.19	71	28.6	10.45	22.6	16.3	80.4	3.2	4.13
50097	2.60	<1	1155	113.0	2.2	20	1.64	<5	3.55	1.57	1.79	21.0	6.81	11.2	0.59
50098	4.96	<1	1055	168.5	4.2	20	1.77	17	3.49	1.70	1.88	18.5	7.72	6.0	0.62
50099	3.00	<1	1210	112.0	2.1	30	1.63	6	3.45	1.56	1.74	20.0	6.47	11.7	0.60
50100	4.86	<1	936	142.5	3.6	20	1.43	5	3.15	1.61	1.67	19.2	6.40	5.6	0.56
50101	3.08	<1	1075	97.5	2.1	10	1.54	<5	3.25	1.47	1.62	20.6	6.09	10.0	0.56
50102	3.86	<1	1110	104.5	2.1	20	1.51	<5	3.20	1.54	1.66	20.0	6.02	12.0	0.55
50103	2.38	<1	2230	285	3.5	10	0.91	<5	10.50	3.74	7.66	21.2	24.5	7.6	1.52
50104	4.38	<1	1010	49.5	12.3	30	1.11	<5	2.24	1.25	1.07	19.0	3.16	2.7	0.43
50105	2.90	<1	716	93.7	1.7	20	1.64	<5	2.21	1.25	1.15	21.3	4.15	4.2	0.42
50106	2.28	<1	618	33.0	3.3	20	3.09	<5	1.37	0.86	0.46	18.8	1.79	3.4	0.27
50120	0.58	<1	2110	>10000	2.8	10	0.74	<5	18.55	3.80	37.2	49.3	43.1	2.9	2.33
50121	2.80	<1	6610	>10000	3.1	<10	0.42	<5	24.2	4.75	49.9	61.1	52.3	3.0	3.06
50122	0.52	<1	1010	86.7	1.4	10	0.75	<5	2.72	1.13	1.73	24.6	5.73	8.7	0.41
50123	2.18	<1	2670	273	7.8	10	0.59	19	5.98	2.57	4.41	22.1	14.30	5.6	0.99
50124	1.62	<1	2610	201	1.9	10	1.30	14	4.10	1.71	2.84	22.0	9.74	7.4	0.65
50125	2.48	<1	1470	79.6	15.3	40	1.04	66	3.55	1.65	2.06	19.0	6.46	4.1	0.59
50126	2.66	<1	3570	642	3.3	<10	0.75	24	13.05	5.38	9.86	13.2	33.6	3.1	2.04
50127	1.14	<1	1880	1495	8.8	<10	0.69	<5	33.4	12.70	25.7	19.3	87.8	5.5	4.95
50128	1.10	<1	2740	238	10.6	20	2.20	18	5.58	2.37	4.04	21.9	13.35	7.1	0.90
50129	1.54	<1	4800	722	13.8	10	0.62	10	18.15	6.45	14.50	17.0	47.7	2.9	2.68
50130	1.36	<1	1330	1825	20.1	10	0.38	<5	43.3	15.50	34.4	17.5	117.5	5.6	6.30
50131	0.48	<1	72.3	56.1	3.0	<10	0.25	14	6.02	4.88	2.39	13.7	7.96	32.5	1.24
50132	2.58	<1	1075	98.4	1.9	10	1.51	<5	3.04	1.33	1.54	20.2	5.77	9.3	0.51
50152	7.50	<1	5910	761	12.9	10	0.61	19	18.75	6.73	15.40	13.2	50.2	3.2	2.75
50153	6.46	<1	5060	737	13.2	20	0.51	11	19.25	6.97	15.55	14.3	50.5	5.6	2.77
50154	8.22	<1	5130	778	15.4	10	0.39	26	19.90	6.91	16.10	14.0	52.3	5.0	2.93
50155	4.22	<1	5300	633	11.5	10	0.42	19	16.50	5.83	13.25	14.3	43.6	4.4	2.37
50156	6.74	<1	5700	695	13.5	10	0.40	21	18.15	6.35	14.85	13.5	47.6	5.1	2.63
50157	7.22	<1	3820	596	11.1	10	0.50	5	15.35	5.44	12.45	15.2	40.5	4.6	2.24
50158	7.72	<1	695	695	14.0	10	0.61	6	18.75	6.88	16.35	15.2	52.6	1.8	2.79
50159	8.82	<1	4770	503	10.1	10	0.51	9	13.60	5.08	11.85	15.0	37.7	4.0	2.04
50160	2.68	<1	3120	363	16.9	20	1.54	9	7.97	3.24	6.88	21.4	22.4	6.7	1.21
50161	3.48	<1	3250	398	10.1	10	0.79	11	10.45	4.50	8.42	22.4	27.0	6.8	1.69
50162	2.36	<1	4230	870	15.5	10	0.67	<5	21.0	8.10	18.30	16.8	59.2	2.2	3.17
50163	0.98	<1	4330	838	14.3	10	1.22	<5	19.50	7.46	17.55	16.5	57.6	1.8	2.88
50164	8.56	<1	5400	653	13.1	10	0.51	15	17.50	6.53	15.25	14.9	48.3	3.3	2.63
50165	9.90	1	5930	646	13.9	10	0.69	16	17.20	6.45	15.20	17.1	47.9	1.9	2.57



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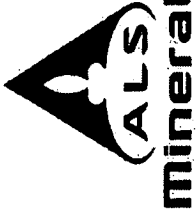
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Page: 2 - B  
 Total # Pages: 3 (A - E)  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0133018**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50059		175.5	0.65	<2	8.3	253	<5	28	60.4	65.6	46.5	1	4920	0.4	3.83	9.98
50095		179.0	0.37	<2	31.3	259	5	24	62.9	107.0	47.9	3	4180	1.6	3.67	22.6
50096		644	0.87	<2	14.7	651	20	26	173.0	13.7	107.5	5	2260	0.7	7.98	45.6
50097		53.1	0.17	<2	12.4	47.7	5	45	13.40	160.5	8.66	2	424	0.9	0.76	71.3
50098		87.8	0.20	<2	7.8	65.6	7	20	18.80	121.0	9.99	4	452	0.5	0.83	13.55
50099		53.1	0.17	<2	11.6	45.8	<5	44	12.95	168.0	8.53	3	424	0.9	0.78	56.3
50100		72.2	0.19	<2	9.5	55.9	<5	22	16.15	127.0	8.60	3	510	0.5	0.72	14.80
50101		46.2	0.16	<2	11.4	41.5	<5	42	11.60	147.5	7.86	3	398	0.8	0.74	55.4
50102		90.9	0.17	<2	11.0	43.9	<5	49	12.40	149.5	8.05	3	392	0.8	0.74	61.5
50103		23.7	0.18	<2	4.6	21.2	18	27	5.72	68.5	4.01	2	1035	0.2	0.44	5.57
50105		49.3	0.18	<2	8.7	33.2	<5	27	9.63	114.0	5.55	3	547	0.6	0.50	16.35
50106		17.0	0.16	<2	8.1	12.4	6	21	3.67	126.0	2.15	2	302	0.8	0.25	13.60
50120		8360	0.35	<2	13.9	3120	<5	47	>1000	59.7	243	1	4710	0.8	4.56	253
50121		>10000	0.36	<2	26.1	4340	<5	70	>1000	59.2	329	2	6270	1.5	6.11	384
50122		38.5	0.17	<2	22.6	46.4	<5	9	11.95	110.0	8.23	2	243	1.3	0.66	128.5
50123		128.5	0.23	<2	14.5	121.5	<5	40	33.1	68.9	19.65	1	3040	0.7	1.55	15.85
50124		93.4	0.18	<2	10.9	82.0	<5	22	23.1	134.0	13.40	2	905	0.6	1.07	24.4
50125		25.4	0.24	<2	10.0	48.1	13	24	11.60	60.0	9.48	2	1840	0.4	0.81	7.04
50126		319	0.38	<2	3.0	291	<5	70	77.9	76.7	46.0	1	8200	0.1	3.47	8.48
50127		605	0.80	<2	55.0	752	<5	18	195.5	91.2	124.5	3	1265	3.0	9.05	80.7
50128		99.4	0.22	<2	12.6	115.0	5	31	31.0	85.0	19.05	1	2840	0.6	1.44	11.05
50129		294	0.46	<2	31.3	396	5	18	98.6	99.1	69.4	2	2350	1.4	4.96	33.8
50130		752	1.04	<2	55.8	988	9	10	248	34.6	168.0	4	1500	3.0	12.05	96.6
50131		17.8	4.84	<2	2.4	42.7	<5	57	9.41	6.5	10.55	23	95.6	0.2	1.11	33.2
50132		46.5	0.15	<2	10.4	41.4	<5	39	11.55	149.5	7.75	2	396	0.8	0.69	50.5
50152		332	0.45	<2	32.6	414	<5	19	103.0	71.3	73.4	2	4120	1.7	5.18	26.0
50153		309	0.48	<2	31.0	408	10	21	101.5	81.0	72.1	2	3120	1.5	5.18	30.6
50154		334	0.46	<2	35.9	424	8	17	106.0	72.3	74.4	3	3200	1.7	5.48	30.3
50155		265	0.39	<2	34.5	352	6	14	86.9	76.7	63.2	2	3080	1.8	4.54	23.6
50156		298	0.44	<2	37.1	388	6	13	95.7	59.6	68.6	2	3550	1.9	5.00	27.4
50157		246	0.41	<2	28.5	330	5	12	81.8	74.7	58.2	2	2290	1.5	4.24	28.6
50158		288	0.49	<2	37.0	416	7	15	104.5	77.1	69.9	2	3310	1.9	5.58	32.1
50159		240	0.36	<2	28.0	300	8	14	75.8	89.9	50.0	2	3330	1.4	4.01	24.0
50160		186.5	0.26	<2	22.3	188.5	21	25	50.4	80.4	30.1	2	2830	1.0	2.36	10.90
50161		195.5	0.32	<2	20.3	221	<5	31	58.2	43.5	35.7	2	4200	1.3	2.93	33.4
50162		360	0.55	<2	41.4	485	5	26	124.5	78.8	79.7	2	3090	2.1	6.29	44.8
50163		360	0.51	<2	37.8	480	6	20	123.5	73.1	78.6	2	2970	2.2	5.98	38.5
50164		271	0.44	<2	37.5	392	6	17	97.6	85.2	65.3	3	3750	1.9	5.27	27.8
50165		265	0.46	<2	41.1	389	7	16	97.4	93.1	66.7	2	3650	2.2	5.25	30.5



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Page: 2 - C  
 Total # Pages: 3 (A - E)  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10133018**

Sample Description	Method Analyte Units LOR	ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-MS81		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06		ME-ICP06	
		Ti ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06
50059		<0.5	0.64	3.64	41	<1	67.6	4.48	132	33.9	7.11	3.77	28.6	1.17	2.36						
50095		0.9	0.47	7.15	90	1	55.5	2.96	135	57.0	13.40	6.02	6.97	1.99	3.48						
50096		<0.5	0.94	7.56	185	1	111.0	5.99	270	41.5	3.43	13.95	23.7	5.01	2.23						
50097		1.2	0.21	8.13	21	<1	18.1	1.32	99	71.2	13.70	2.46	0.97	0.32	4.29						
50098		0.9	0.20	5.89	32	1	17.0	1.40	57	253	13.35	2.94	1.92	0.70	3.92						
50099		1.3	0.18	8.89	17	<1	17.7	1.27	97	471	13.45	2.40	1.03	0.31	4.03						
50100		0.8	0.19	6.42	22	<1	15.8	1.34	64	226	13.95	2.47	1.64	0.59	4.61						
50101		1.0	0.18	7.90	15	<1	16.9	1.15	91	401	13.95	2.31	1.01	0.33	4.44						
50102		1.0	0.17	9.64	18	<1	17.1	1.23	103	480	13.70	2.51	0.96	0.31	4.22						
50103		1.0	0.32	5.19	26	<1	36.7	2.21	115	433	15.40	3.03	2.91	0.77	4.69						
50104		0.5	0.17	8.39	71	1	12.1	1.22	88	102	15.85	4.63	3.90	1.72	5.17						
50105		0.7	0.15	8.47	10	1	12.9	1.09	44	154	14.05	1.65	1.06	0.32	4.65						
50106		0.7	0.13	6.48	20	<1	8.4	1.00	48	110	13.85	1.87	1.30	0.55	3.60						
50120		<0.5	0.44	14.55	36	<1	55.4	3.06	82	116	16.85	3.40	7.76	0.24	5.47						
50121		<0.5	0.57	15.10	54	<1	67.8	3.66	111	129	17.10	4.77	7.22	0.21	4.66						
50122		0.6	0.15	14.40	11	<1	10.9	1.08	70	435	13.85	1.66	1.00	0.37	5.32						
50123		0.5	0.28	10.20	55	<1	28.7	1.73	116	291	17.40	4.53	4.31	1.39	6.33						
50124		0.5	0.18	13.45	26	<1	18.7	1.21	67	378	16.45	2.51	2.02	0.57	6.00						
50125		0.5	0.19	3.23	91	<1	15.2	1.53	114	170	14.90	5.41	5.06	2.11	6.26						
50126		<0.5	0.51	2.08	6	<1	59.2	3.03	63	161	10.65	0.96	24.5	0.18	3.15						
50127		0.7	1.12	26.1	80	1	132.5	6.82	210	181	11.30	6.24	9.41	2.02	4.08						
50128		0.7	0.25	5.39	73	<1	25.5	1.70	156	399	18.25	5.10	3.93	1.80	6.61						
50129		0.6	0.57	9.13	90	<1	69.9	3.56	203	131	11.40	7.14	10.50	2.46	3.72						
50130		<0.5	1.33	19.90	177	1	167.5	8.12	313	272	5.12	12.45	17.55	4.10	2.58						
50131		<0.5	1.17	29.3	134	<1	41.8	17.30	883	471	1.04	33.0	9.97	0.16	1.33						
50132		1.1	0.17	9.48	14	<1	16.0	1.11	89	365	13.80	2.22	0.95	0.29	4.43						
50152		0.6	0.57	5.66	104	<1	74.3	3.50	145	150	9.71	7.09	16.65	2.67	2.64						
50153		0.6	0.60	8.58	102	<1	73.8	3.72	174	248	10.15	7.55	13.70	2.86	3.07						
50154		0.6	0.59	7.81	114	<1	76.7	3.69	172	224	9.54	8.21	14.45	3.11	2.91						
50155		0.5	0.48	5.62	93	<1	62.8	3.03	146	191	11.15	6.61	11.75	2.37	3.12						
50156		0.5	0.54	6.06	108	<1	67.9	3.41	156	226	10.20	7.55	14.05	2.76	2.73						
50157		0.5	0.48	8.73	89	<1	58.3	3.01	152	200	10.05	6.87	11.65	2.47	3.20						
50158		0.5	0.61	7.87	107	1	75.2	3.49	168	76	51.6	7.12	13.65	2.58	3.03						
50159		0.6	0.45	5.73	84	1	55.7	2.55	128	143	11.05	5.66	11.10	1.99	3.33						
50160		0.7	0.32	3.28	111	1	34.9	1.90	190	275	15.50	7.32	5.75	3.16	4.49						
50161		<0.5	0.44	9.11	87	1	50.0	2.52	152	331	15.75	5.36	6.84	1.62	6.57						
50162		0.6	0.73	13.90	115	1	91.2	4.14	159	108	9.40	8.16	14.20	3.18	3.53						
50163		0.5	0.64	8.80	117	1	79.0	3.69	174	73	52.0	7.58	14.40	2.95	3.37						
50164		0.6	0.58	7.25	109	1	70.1	3.35	163	107	10.50	7.14	12.60	2.67	3.26						
50165		0.6	0.57	8.17	109	1	69.9	3.31	189	76	10.70	6.91	10.80	2.53	3.27						

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Method Analyte Units LOR	ME-ICP06 k2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GR05 LOI %	TOT-ICP06 Total %	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm
50059	3.12	<0.01	0.08	0.25	0.96	0.60	0.18	19.55	101.5						
50095	5.71	<0.01	0.98	0.16	1.06	0.50	0.69	1.40	99.4						
50096	0.83	<0.01	0.51	0.36	2.96	0.27	0.09	5.05	99.7						
50097	4.48	<0.01	0.26	0.04	0.05	0.05	0.14	0.80	98.8						
50098	4.53	<0.01	0.37	0.05	0.15	0.05	0.13	0.00	98.2						
50099	4.71	<0.01	0.26	0.04	0.06	0.05	0.15	0.30	97.4						
50100	4.08	<0.01	0.37	0.05	0.09	0.06	0.11	0.30	98.8						
50101	4.39	<0.01	0.26	0.04	0.06	0.05	0.14	0.60	98.6						
50102	4.44	<0.01	0.26	0.04	0.07	0.05	0.14	0.60	100.0						
50103	5.73	<0.01	0.39	0.10	0.39	0.15	0.28	0.30	99.3						
50104	2.34	<0.01	0.39	0.09	0.13	0.12	0.12	1.68	101.0						
50105	3.26	<0.01	0.16	0.04	0.05	0.06	0.09	0.40	97.1						
50106	4.40	<0.01	0.22	0.04	0.08	0.04	0.08	0.70	98.7						
50120	2.93	<0.01	0.27	0.11	0.48	0.59	0.25	4.79	96.2						
50121	3.40	<0.01	0.54	0.13	0.35	0.78	0.79	4.98	96.4						
50122	4.07	<0.01	0.18	0.07	0.04	0.03	0.13	-0.20	99.1						
50123	3.43	<0.01	0.66	0.08	0.42	0.38	0.33	-1.10	97.3						
50124	4.94	<0.01	0.38	0.04	0.14	0.11	0.32	0.70	99.8						
50125	2.92	0.01	0.12	0.12	0.12	0.23	0.18	0.60	98.9	<0.5	<5	<0.5	9	70	<1
50126	4.07	<0.01	0.03	0.08	0.50	1.03	0.43	19.00	101.0						
50127	4.49	<0.01	1.25	0.23	2.12	0.16	0.23	0.30	99.5						
50128	3.16	<0.01	0.90	0.08	0.50	0.36	0.34	1.00	101.0						
50129	4.58	<0.01	0.89	0.22	2.00	0.30	0.59	0.30	100.5						
50130	1.92	<0.01	1.54	0.41	3.16	0.19	0.16	0.40	96.4						
50131	0.16	<0.01	0.12	0.87	0.02	0.01	0.01	0.30	100.5						
50132	4.45	<0.01	0.24	0.04	0.06	0.05	0.13	-0.20	100.0						
50152	4.38	<0.01	1.04	0.20	2.31	0.52	0.72	4.66	101.0						
50153	4.31	<0.01	0.91	0.22	2.12	0.41	0.65	2.39	101.0						
50154	4.04	<0.01	1.15	0.22	2.39	0.41	0.64	2.17	100.5						
50155	4.90	<0.01	1.01	0.19	1.80	0.40	0.68	1.78	100.0						
50156	4.64	<0.01	1.14	0.21	2.17	0.45	0.70	2.06	100.0						
50157	3.95	<0.01	0.90	0.19	1.96	0.30	0.49	1.69	99.6						
50158	4.17	<0.01	1.01	0.20	2.07	0.39	0.57	2.57	98.6						
50159	4.84	<0.01	0.78	0.16	1.50	0.40	0.59	2.80	99.0						
50160	5.20	<0.01	1.12	0.11	1.38	0.34	0.37	1.09	99.7						
50161	2.46	<0.01	0.99	0.10	0.80	0.52	0.39	1.48	99.5						
50162	3.45	<0.01	1.10	0.25	2.60	0.38	0.51	1.19	100.5						
50163	3.68	<0.01	1.04	0.23	2.18	0.37	0.52	1.98	99.7						
50164	4.75	<0.01	1.05	0.20	1.88	0.47	0.66	1.66	99.2						
50165	4.77	<0.01	1.08	0.19	1.81	0.41	0.67	0.30	97.1						







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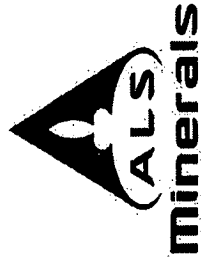
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Page: 3 - A  
 Total # Pages: 3 (A - E)  
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**CERTIFICATE OF ANALYSIS VA10133018**

Method Analyte Units LOR	WEI- 21 Recvd Wt kg	ME- MS81 Ag ppm	ME- MS81 Ba ppm	ME- MS81 Ce ppm	ME- MS81 Co ppm	ME- MS81 Cr ppm	ME- MS81 Cs ppm	ME- MS81 Cu ppm	ME- MS81 Dy ppm	ME- MS81 Er ppm	ME- MS81 Eu ppm	ME- MS81 Ga ppm	ME- MS81 Cd ppm	ME- MS81 Hf ppm	ME- MS81 Ho ppm
Sample Description	0.02	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
50166	6.36	<1	5570	564	12.8	10	0.63	13	15.80	5.62	13.65	16.1	43.2	4.4	2.29
50167	4.00	<1	4930	696	13.3	10	0.59	9	18.45	6.77	16.05	16.3	51.1	1.5	2.72
50168	8.46	<1	5400	618	13.2	10	0.45	25	17.50	6.51	15.20	15.3	47.7	4.0	2.61



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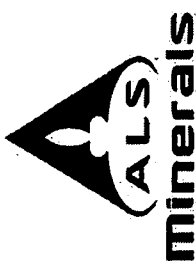
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**CERTIFICATE OF ANALYSIS VAI0133018**

Method Analyte Units LOR	Sample Description	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
	50166	253	0.40	<2	44.3	352	7	14	87.2	87.5	60.1	2	3430	2.2	4.61	27.5
	50167	282	0.48	<2	35.9	422	6	16	104.0	82.6	71.2	2	3170	1.8	5.53	30.6
	50168	272	0.45	<2	40.6	389	7	18	97.5	96.9	66.7	2	3020	2.0	5.24	27.8

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**CERTIFICATE OF ANALYSIS VA10133018**

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
		TI ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %		
50166		0.6	0.49	6.34	100	1	62.6	2.93	153	160	55.8	11.50	6.60	9.78	2.39	3.39		
50167		0.6	0.58	7.64	108	1	73.6	3.38	170	67	54.0	10.80	7.22	11.15	2.76	3.34		
50168		0.7	0.57	7.45	104	1	69.5	3.18	166	146	55.4	11.35	6.77	10.55	2.43	3.48		

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**CERTIFICATE OF ANALYSIS VAI0133018**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO2 %	ME-ICP06 BaO %	TOT-ICP06 Total %	ME-AQ81 Ag ppm	ME-AQ81 As ppm	ME-AQ81 Cd ppm	ME-AQ81 Co ppm	ME-AQ81 Cu ppm	ME-AQ81 Hg ppm
50166		5.25	<0.01	1.14	0.18	1.58	0.42	0.67	98.5						
50167		4.89	<0.01	0.97	0.21	2.21	0.39	0.60	98.4						
50168		5.20	<0.01	1.11	0.20	1.64	0.38	0.66	100.0						





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Page: 1  
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**CERTIFICATE VA10136743**


Project: Eden Lake  
 P.O. No.:  
 This report is for 50 Rock samples submitted to our lab in Vancouver, BC, Canada on  
 27- SEP- 2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD CARLOS KATSURAGI DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

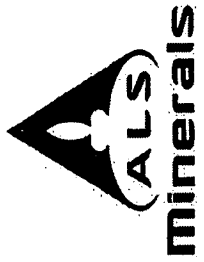
To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
 #1160-595 HOWE ST.  
 VANCOUVER BC V6C 2B3

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

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager

To: MEDALLION RESOURCES LTD  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	WEI-21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50197	4.30	<1	6090	498	9.2	10	1.27	7	15.25	5.13	11.60	16.7	36.6	5.2	2.11
50198	5.08	<1	5630	559	8.8	10	1.49	8	15.60	5.34	12.00	16.3	39.0	5.6	2.16
50199	4.48	<1	4350	386	8.9	10	0.94	21	12.30	4.15	9.61	17.0	30.1	3.8	1.68
50200	3.30	<1	3430	288	6.0	10	0.88	8	8.90	3.12	6.83	18.9	21.6	3.3	1.26
50201	5.30	<1	5780	573	8.6	<10	0.99	<5	16.70	5.65	13.25	16.6	42.2	4.9	2.29
50202	4.00	<1	6480	415	11.3	10	0.96	28	13.25	4.46	10.40	16.0	32.6	4.4	1.82
50203	4.52	<1	5880	548	14.1	10	0.94	24	14.60	4.97	11.70	15.9	38.3	4.1	2.02
50204	5.82	<1	3750	639	11.8	10	1.44	5	17.70	6.28	13.75	18.7	45.6	7.1	2.54
50205	5.36	<1	4290	697	12.8	10	1.04	7	19.65	6.79	15.10	17.4	50.1	5.8	2.77
50206	5.24	<1	4680	682	13.0	10	1.35	<5	19.70	6.72	15.35	18.6	49.3	6.2	2.75
50207	8.42	<1	1695	188.5	3.6	10	0.85	<5	5.03	1.77	3.94	19.3	12.85	1.9	0.72
50208	5.20	<1	1115	94.5	0.9	20	0.98	<5	0.73	0.34	0.70	18.2	2.14	1.3	0.11
50209	3.46	<1	1980	253	3.1	10	0.74	<5	6.29	2.29	5.25	18.8	15.65	2.2	0.89
50210	5.46	<1	4130	595	13.3	20	0.60	17	16.10	5.95	13.35	18.4	38.0	5.5	2.35
50211	7.40	<1	4350	745	18.1	10	0.50	7	20.00	7.21	16.50	17.8	47.4	7.6	2.85
50212	7.02	<1	4010	565	12.2	10	0.60	5	15.80	5.49	12.70	18.1	37.2	7.3	2.20
50213	6.04	<1	5640	687	13.4	10	0.54	5	18.40	6.52	15.50	16.7	44.6	6.2	2.61
50214	4.40	<1	5310	627	12.8	10	0.60	6	16.25	5.84	14.00	17.0	39.8	5.5	2.31
50215	3.82	<1	2020	244	3.7	10	0.69	<5	6.48	2.24	5.46	19.1	15.55	2.1	0.93
50216	4.30	<1	5240	579	11.1	10	0.72	<5	14.60	5.21	12.45	16.6	36.2	6.5	2.09
50217	5.46	<1	4550	537	9.5	10	0.71	6	13.90	4.98	11.60	18.9	33.5	4.2	2.00
50218	5.28	<1	5090	831	14.4	10	0.66	23	20.7	7.39	17.65	17.2	50.5	5.7	2.94
50219	2.92	<1	1240	116.5	2.2	10	1.74	<5	3.51	1.63	1.89	20.4	6.29	11.8	0.57
50220	5.56	<1	4180	690	10.1	10	0.71	<5	14.65	5.33	12.60	18.6	37.1	5.5	2.06
50221	7.44	<1	4450	799	12.6	<10	0.55	<5	18.55	6.93	15.85	17.6	46.7	5.0	2.67
50222	4.90	<1	4720	649	13.7	10	0.50	<5	18.00	6.35	14.75	19.3	42.3	9.3	2.59
50223	6.16	<1	4280	624	14.1	10	0.43	5	16.75	5.98	13.50	18.2	40.3	8.3	2.37
50224	6.38	<1	4770	626	13.7	10	0.41	20	17.10	6.04	13.80	17.7	40.4	8.2	2.39
50225	4.24	<1	4620	600	11.0	<10	0.90	5	15.85	5.88	13.35	18.8	39.4	6.2	2.27
50226	3.00	<1	5230	831	15.8	10	0.64	20	18.95	6.82	16.45	17.4	48.7	5.0	2.64
50227	3.18	<1	5280	632	14.5	10	0.64	22	16.30	5.63	13.55	16.7	40.0	5.6	2.34
50228	2.58	<1	5720	551	12.5	<10	0.79	54	13.60	4.81	11.40	16.4	33.5	4.3	1.85
50229	3.06	<1	1225	47.4	0.8	10	0.70	<5	1.04	0.41	0.90	17.7	2.65	0.9	0.16
50230	4.54	<1	4570	812	15.1	10	0.44	31	17.10	6.13	14.60	17.1	43.8	4.8	2.45
50231	4.96	<1	5560	730	13.7	10	0.53	9	17.20	6.20	14.65	16.1	43.2	4.9	2.43
50232	4.86	<1	4520	632	11.6	10	0.76	<5	15.35	5.60	13.05	18.3	39.4	4.8	2.18
50233	3.80	<1	3190	736	11.6	<10	0.83	<5	17.40	6.56	14.85	19.1	45.0	5.9	2.55
50234	4.98	<1	4630	605	10.3	<10	0.80	<5	14.95	5.49	12.85	17.8	38.4	5.4	2.13
50235	3.30	<1	4870	717	12.9	<10	0.58	<5	16.85	6.06	14.75	17.0	43.6	5.4	2.41
50236	2.90	<1	1180	112.5	2.2	20	1.70	<5	3.62	1.60	1.93	20.2	6.55	10.8	0.56





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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50197	192.0	0.37	<2	35.8	287	5	20	71.8	105.5	51.0	2	3530	1.8	3.80	20.1
50198	232	0.41	<2	35.8	307	<5	21	77.1	104.5	52.5	2	3520	1.8	4.00	22.2
50199	151.0	0.31	<2	31.2	226	7	16	55.8	117.0	40.2	2	2340	1.6	3.15	12.80
50200	110.0	0.25	<2	23.1	166.0	<5	12	41.1	118.0	28.5	2	1560	1.2	2.26	30.2
50201	235	0.41	<2	36.2	328	<5	15	82.1	106.0	57.5	2	3040	1.8	4.30	24.8
50202	160.0	0.32	<2	33.3	250	<5	16	60.5	101.5	43.9	2	4170	1.8	3.39	15.70
50203	230	0.34	<2	38.4	301	<5	18	75.3	96.5	51.3	2	4450	2.0	3.81	17.55
50204	262	0.53	<2	38.6	355	5	14	89.0	100.0	61.0	2	1945	1.9	4.51	39.7
50205	293	0.55	<2	45.4	384	<5	12	96.6	93.8	64.8	2	2140	2.2	5.01	36.7
50206	278	0.52	<2	42.1	380	<5	14	95.8	106.5	65.7	2	2090	2.1	5.02	36.7
50207	76.7	0.16	<2	14.2	103.0	<5	10	26.1	99.5	17.80	1	767	0.8	1.30	24.0
50208	31.3	0.04	<2	2.2	20.1	<5	9	5.93	108.0	2.94	<1	504	0.2	0.20	6.45
50209	101.0	0.22	<2	13.5	142.0	<5	10	35.3	109.5	23.8	1	805	0.7	1.68	17.15
50210	234	0.52	<2	33.5	339	13	15	83.8	85.5	58.1	2	2390	1.7	4.20	28.9
50211	311	0.59	<2	43.4	424	8	13	105.0	70.7	72.7	2	2900	2.2	5.15	45.9
50212	239	0.46	<2	36.2	329	<5	13	81.3	87.5	55.9	2	2480	1.8	4.06	67.9
50213	284	0.50	<2	42.9	391	<5	15	96.4	75.5	66.5	2	3610	2.1	4.82	32.7
50214	258	0.47	<2	38.6	362	5	16	88.4	86.9	61.7	2	3340	1.9	4.22	29.1
50215	95.2	0.18	<2	19.0	138.0	<5	7	34.0	89.3	23.8	1	1040	0.8	1.63	10.80
50216	240	0.41	<2	35.6	324	<5	17	80.0	91.6	55.1	2	3310	1.8	3.89	29.1
50217	216	0.38	<2	34.3	299	<5	18	73.8	101.5	50.5	2	2400	1.6	3.60	23.2
50218	348	0.53	<2	40.2	464	<5	21	114.5	87.5	77.7	2	3360	2.0	5.44	37.2
50219	55.1	0.18	<2	11.4	49.7	<5	42	13.70	157.5	8.66	2	437	0.9	0.77	62.3
50220	326	0.42	<2	36.8	346	<5	14	89.6	98.2	55.5	2	2530	1.8	3.92	37.3
50221	349	0.52	<2	36.1	422	5	15	107.5	87.0	68.6	2	3460	1.7	5.00	43.9
50222	265	0.51	<2	45.6	374	8	14	91.4	88.9	63.8	2	2580	2.3	4.63	36.9
50223	255	0.50	<2	41.3	346	12	14	85.8	89.8	58.9	2	2700	2.0	4.28	38.3
50224	256	0.48	<2	43.0	348	5	14	85.8	86.9	60.2	2	2790	2.1	4.32	40.7
50225	392	0.45	<2	36.7	336	<5	23	82.6	90.1	58.1	2	2750	1.7	4.22	34.6
50226	388	0.50	<2	35.7	425	6	22	109.0	68.0	69.5	2	3600	1.8	5.04	35.8
50227	278	0.44	<2	30.9	342	8	25	85.2	72.5	58.0	2	4030	1.6	4.19	26.9
50228	238	0.36	<2	28.2	288	6	28	72.9	90.0	47.4	2	3860	1.4	3.53	21.1
50229	22.4	0.04	<2	3.3	21.8	<5	9	5.57	106.0	3.55	<1	462	0.4	0.26	4.19
50230	392	0.45	<2	30.3	379	5	26	100.5	74.1	60.3	2	3520	1.5	4.55	40.1
50231	330	0.45	<2	32.3	376	<5	22	96.3	66.7	62.4	2	3860	1.6	4.62	30.3
50232	264	0.43	<2	29.9	339	<5	16	85.6	93.7	56.5	1	2610	1.4	4.07	35.6
50233	308	0.52	<2	31.7	387	5	17	99.8	92.6	64.8	2	2530	1.7	4.65	42.9
50234	249	0.41	<2	35.3	326	<5	20	82.1	101.0	54.4	2	2890	1.7	4.04	29.7
50235	314	0.45	<2	41.1	379	<5	18	96.0	86.8	63.1	2	2980	2.1	4.53	29.9
50236	52.7	0.17	<2	11.3	48.2	<5	45	13.70	147.0	8.51	2	439	0.9	0.77	76.1



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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15- OCT- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	ME-MS81 ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50197	0.6	0.50	6.52	83	2	54.9	2.80	120	216	55.8	12.30	5.40	8.67	1.79	3.42
50198	0.6	0.53	6.96	82	2	56.6	3.02	118	252	54.1	11.60	5.42	10.35	1.81	3.24
50199	0.6	0.40	5.19	71	2	43.4	2.19	104	148	60.3	12.00	4.64	7.32	1.61	3.79
50200	0.7	0.30	6.12	51	1	31.5	1.88	100	133	62.7	12.60	3.70	5.00	1.14	4.10
50201	0.6	0.54	6.78	81	1	59.2	3.05	129	213	54.6	11.60	5.53	10.50	1.81	3.39
50202	0.6	0.44	4.83	86	1	47.0	2.37	108	183	56.5	12.55	5.52	8.74	1.92	3.35
50203	0.5	0.46	4.96	95	1	52.1	2.70	130	159	54.9	11.55	6.54	10.55	2.26	3.35
50204	0.5	0.63	17.90	94	1	64.9	3.67	187	279	58.3	10.50	6.57	9.96	2.29	3.80
50205	0.5	0.68	13.50	106	1	71.7	4.02	175	253	56.0	10.30	6.74	11.20	2.43	3.47
50206	0.6	0.67	12.60	105	1	69.5	3.80	172	287	56.8	11.10	6.77	10.35	2.40	3.75
50207	0.5	0.17	3.95	28	1	18.2	1.10	73	74	70.0	12.50	2.67	3.06	0.74	4.39
50208	<0.5	0.05	1.68	11	1	3.4	0.31	27	47	73.9	12.55	1.22	0.89	0.18	4.25
50209	0.5	0.24	5.33	32	1	22.4	1.38	84	91	67.8	12.90	2.76	3.17	0.64	4.35
50210	<0.5	0.57	9.69	113	1	59.2	3.40	171	255	54.6	10.25	7.12	11.15	2.67	3.72
50211	<0.5	0.71	17.00	141	1	73.8	4.20	171	331	52.7	9.43	8.42	12.80	3.11	3.14
50212	<0.5	0.56	15.05	112	1	58.8	3.29	148	327	55.2	10.70	6.90	10.50	2.43	3.52
50213	<0.5	0.65	10.85	133	1	67.0	3.68	146	254	52.1	10.20	7.58	12.60	2.78	3.18
50214	<0.5	0.55	9.75	113	1	61.2	3.23	136	239	53.2	10.85	6.80	11.55	2.49	3.52
50215	<0.5	0.22	3.37	38	1	22.2	1.26	58	90	65.8	12.75	2.62	4.11	0.78	4.71
50216	0.5	0.51	8.30	104	1	55.3	3.03	135	289	54.0	11.50	6.24	10.35	2.29	3.39
50217	0.5	0.48	7.28	87	1	50.8	2.72	134	182	57.7	12.10	5.44	8.33	1.94	4.06
50218	<0.5	0.69	10.00	128	1	79.1	4.02	178	247	50.8	9.64	7.99	13.85	2.99	3.40
50219	0.9	0.23	13.35	22	1	17.5	1.36	95	453	72.6	13.40	2.35	1.02	0.35	4.51
50220	0.5	0.51	8.07	97	1	54.0	3.07	142	258	56.7	11.15	5.97	10.40	2.07	3.73
50221	<0.5	0.67	14.00	111	1	71.5	3.86	163	252	51.8	10.20	7.15	13.30	2.53	3.33
50222	0.5	0.65	13.50	121	1	68.7	3.67	170	444	55.9	10.50	7.45	10.85	2.71	3.71
50223	<0.5	0.60	12.50	117	1	63.5	3.51	174	373	54.6	10.50	7.65	11.55	2.79	3.56
50224	<0.5	0.60	12.65	117	1	63.6	3.64	173	355	55.2	10.75	7.45	10.65	2.70	3.62
50225	0.5	0.55	11.95	94	2	59.4	3.21	163	266	55.2	10.65	6.51	11.35	2.35	3.72
50226	<0.5	0.64	8.60	122	1	72.0	3.64	161	219	48.3	9.13	7.95	16.30	3.03	2.96
50227	<0.5	0.53	6.63	106	1	61.2	3.04	147	261	50.4	10.70	7.20	14.10	2.70	3.23
50228	0.5	0.48	6.04	86	1	51.8	2.69	124	194	52.8	11.90	5.94	11.90	2.09	3.46
50229	0.6	0.06	1.23	7	1	4.0	0.37	18	31	75.4	13.55	0.78	0.25	0.07	4.76
50230	<0.5	0.56	8.47	106	1	65.3	3.34	163	212	51.3	10.20	7.22	14.10	2.75	3.46
50231	<0.5	0.62	7.64	104	1	66.5	3.34	160	225	49.9	9.84	7.52	14.95	2.98	3.15
50232	0.5	0.55	9.78	86	1	58.3	3.06	162	211	55.9	11.65	6.46	10.00	2.40	3.96
50233	0.5	0.65	12.95	84	1	68.4	3.55	170	249	52.9	9.93	6.55	13.20	2.36	3.66
50234	0.6	0.53	10.20	79	1	58.3	2.92	145	231	53.6	11.35	5.76	11.55	2.19	3.67
50235	0.6	0.58	8.71	103	2	64.3	3.27	161	236	52.7	10.35	6.98	12.35	2.63	3.56
50236	0.9	0.23	10.35	17	1	17.4	1.27	98	424	71.3	13.30	2.43	1.06	0.36	4.56



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
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**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO2 %	ME-ICP06 BaO %	ME-ICP06 LOI %	OA-GR05 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
	50197	6.03	<0.01	0.95	0.15	1.02	0.40	0.68	1.09	97.7			
	50198	5.75	<0.01	0.83	0.16	1.12	0.41	0.63	2.97	98.4			
	50199	5.30	<0.01	0.88	0.13	0.73	0.26	0.50	1.49	99.0			
	50200	5.44	<0.01	0.58	0.11	0.43	0.17	0.39	1.10	97.5			
	50201	5.67	<0.01	0.77	0.17	1.35	0.35	0.67	3.49	99.9			
	50202	6.19	<0.01	0.99	0.13	0.91	0.48	0.73	1.74	99.8			
	50203	5.28	<0.01	1.19	0.16	1.06	0.52	0.68	1.66	99.7			
	50204	4.38	<0.01	0.88	0.20	1.33	0.22	0.42	0.68	99.5			
	50205	4.70	<0.01	1.11	0.20	1.38	0.25	0.48	1.39	99.7			
	50206	5.09	<0.01	1.04	0.19	1.51	0.23	0.52	0.80	100.5			
	50207	4.90	<0.01	0.30	0.08	0.30	0.08	0.18	0.59	99.8			
	50208	5.15	<0.01	0.03	0.03	0.02	0.06	0.12	0.20	98.6			
	50209	5.49	<0.01	0.22	0.09	0.31	0.09	0.21	0.60	98.6			
	50210	4.46	<0.01	0.77	0.21	1.20	0.27	0.45	1.49	98.4			
	50211	4.49	<0.01	1.23	0.22	1.72	0.33	0.47	0.90	99.0			
	50212	5.01	<0.01	0.98	0.19	1.26	0.29	0.45	1.28	98.7			
	50213	4.83	<0.01	1.17	0.20	1.72	0.42	0.61	1.10	98.5			
	50214	4.99	<0.01	1.07	0.18	1.52	0.39	0.56	1.68	98.8			
	50215	4.81	<0.01	0.37	0.07	0.45	0.12	0.22	0.89	97.7			
	50216	5.73	<0.01	0.95	0.17	1.27	0.38	0.57	1.49	98.3			
	50217	5.30	<0.01	0.84	0.16	1.08	0.27	0.50	0.78	98.5			
	50218	4.23	<0.01	1.08	0.22	2.03	0.38	0.56	2.39	99.6			
	50219	4.85	<0.01	0.25	0.03	0.06	0.05	0.13	0.10	99.7			
	50220	5.11	<0.01	0.86	0.17	1.25	0.29	0.46	2.05	100.0			
	50221	4.89	<0.01	0.87	0.21	1.80	0.40	0.49	2.58	99.6			
	50222	4.62	<0.01	1.19	0.20	1.42	0.29	0.52	0.59	100.0	<0.001	<0.005	<0.001
	50223	4.88	<0.01	1.03	0.20	1.37	0.31	0.47	0.90	99.8	<0.001	<0.005	<0.001
	50224	4.91	<0.01	1.15	0.19	1.43	0.32	0.52	0.40	99.3	0.002	<0.005	<0.001
	50225	4.34	<0.01	0.87	0.18	1.63	0.32	0.51	2.17	99.8			
	50226	3.99	<0.01	1.09	0.21	2.17	0.42	0.58	3.70	99.8			
	50227	4.70	<0.01	0.92	0.18	1.75	0.46	0.58	3.68	100.5			
	50228	5.51	<0.01	0.85	0.15	1.39	0.45	0.64	3.36	100.5			
	50229	5.22	<0.01	1.07	0.01	0.02	0.05	0.13	0.69	101.0			
	50230	4.07	<0.01	0.96	0.19	1.96	0.41	0.51	3.37	100.5			
	50231	4.44	<0.01	1.09	0.19	2.05	0.45	0.61	2.49	99.7			
	50232	5.18	<0.01	0.84	0.18	1.56	0.30	0.50	0.68	99.6			
	50233	4.32	<0.01	0.74	0.20	1.68	0.29	0.35	3.25	99.4			
	50234	5.26	<0.01	0.86	0.17	1.53	0.34	0.51	2.49	99.3			
	50235	4.51	<0.01	1.08	0.19	1.70	0.34	0.54	2.24	99.2			
	50236	4.58	<0.01	0.25	0.04	0.06	0.05	0.13	0.49	98.6			



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50281		0.82	<1	1345	257	3.8	10	0.69	<5	6.88	2.98	4.37	22.0	13.40	6.0	1.12
50282		0.90	<1	5760	447	10.3	10	0.37	10	12.95	4.54	11.00	16.9	30.9	6.1	1.83
50283		0.88	<1	6350	473	9.2	10	0.40	<5	13.10	4.67	11.05	16.2	31.7	4.8	1.85
50284		0.92	<1	5570	885	14.5	10	0.44	<5	20.3	7.53	17.35	15.3	52.0	2.6	2.88
50285		0.96	<1	6330	589	13.2	10	0.62	15	16.40	5.88	13.85	17.0	40.5	5.6	2.38
50286		1.04	<1	5270	584	15.6	10	0.55	24	16.15	5.41	13.40	14.5	43.5	5.4	2.27
50287		0.88	<1	5290	809	13.8	10	0.59	9	19.40	6.84	16.80	14.8	53.8	6.0	2.77
50288		0.96	<1	4640	645	12.2	10	0.38	14	16.00	5.74	14.00	15.7	44.6	5.1	2.35
50289		0.82	<1	4800	776	13.2	10	0.35	20	17.70	6.41	15.00	13.0	48.2	4.2	2.58
50290		0.80	<1	4900	695	12.5	10	0.45	<5	16.45	5.78	14.45	15.6	46.4	5.0	2.33



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50281		107.0	0.27	<2	20.4	112.5	<5	16	31.3	65.4	17.65	1	868	0.9	1.54	42.2
50282		178.0	0.39	<2	35.8	257	<5	20	62.5	97.7	45.6	2	3100	1.8	3.32	20.7
50283		187.0	0.38	<2	32.4	267	<5	23	66.8	86.4	47.4	2	3940	1.8	3.41	17.90
50284		400	0.51	<2	27.4	447	5	15	115.5	74.7	72.5	1	2960	1.3	5.38	30.7
50285		237	0.45	<2	38.9	332	5	25	81.6	91.4	57.4	2	3240	1.9	4.35	24.4
50286		239	0.39	<2	36.1	333	11	17	81.5	78.6	55.8	2	3160	1.7	4.31	24.5
50287		343	0.47	<2	32.5	429	7	19	105.5	77.4	70.1	2	3280	1.6	5.27	32.6
50288		267	0.40	<2	32.2	355	15	21	88.4	87.4	58.6	2	2860	1.5	4.38	27.6
50289		342	0.42	<2	26.4	394	5	18	101.5	70.9	63.8	1	3000	1.2	4.83	26.5
50290		310	0.38	<2	36.5	375	7	20	94.9	84.4	61.3	2	2860	1.6	4.52	34.0



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Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 15- OCT- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10136743**

Sample Description	Method Analyte Units LOR	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01
50281		<0.5	0.40	13.15	28	1	33.6	2.19	91	286	67.3	14.95	2.40	2.45	0.75	7.17
50282		0.6	0.44	5.40	91	1	47.7	2.66	136	273	55.0	12.25	6.02	9.17	1.94	4.12
50283		0.6	0.46	4.32	88	1	48.6	2.59	123	215	55.5	12.85	5.78	8.93	1.95	3.92
50284		<0.5	0.70	8.52	108	1	82.6	3.95	171	105	51.2	9.34	7.33	14.35	2.99	3.53
50285		0.5	0.55	8.16	105	1	62.0	3.11	158	247	53.6	11.15	6.96	11.45	2.51	3.78
50286		0.6	0.55	5.69	104	1	62.5	3.01	155	251	54.5	10.85	7.12	10.65	2.53	3.16
50287		0.6	0.65	6.96	108	1	76.3	3.60	150	251	50.2	9.96	7.17	13.45	2.68	3.01
50288		0.6	0.55	7.34	94	1	64.7	3.14	162	224	55.0	11.25	6.56	10.90	2.29	3.65
50289		<0.5	0.60	5.83	102	1	72.7	3.30	150	184	47.9	8.51	6.92	14.80	2.64	2.91
50290		0.6	0.56	7.88	98	1	65.8	3.02	164	206	56.2	11.45	6.83	10.65	2.46	3.90

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**CERTIFICATE OF ANALYSIS VA10136743**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SiO2 %	ME-ICP06 BaO %	OA- GRA05 LOI %	TOT- ICP06 Total %	PGM- ICP23 Au ppm	PGM- ICP23 Pt ppm	PGM- ICP23 Pd ppm
2.98	50281	<0.01	0.43	0.05	0.15	0.10	0.15	0.15	0.50	99.4	0.001	<0.005	<0.001
5.32	50282	<0.01	0.96	0.15	0.94	0.36	0.65	1.68	1.68	98.6	0.001	<0.005	<0.001
5.82	50283	<0.01	0.88	0.15	1.05	0.46	0.72	1.39	1.39	99.4	<0.001	<0.005	<0.001
3.83	50284	<0.01	0.98	0.21	2.13	0.35	0.63	2.20	2.20	99.1	0.001	<0.005	<0.001
4.66	50285	<0.01	1.14	0.18	1.43	0.38	0.71	1.56	1.56	99.5	0.001	<0.005	<0.001
4.93	50286	<0.01	1.18	0.19	1.46	0.36	0.57	0.20	0.20	97.7	0.001	<0.005	<0.001
4.25	50287	<0.01	1.04	0.20	2.14	0.37	0.60	2.38	2.38	97.5	0.001	<0.005	<0.001
4.66	50288	<0.01	0.92	0.19	1.68	0.32	0.51	1.39	1.39	99.3	0.001	<0.005	<0.001
3.31	50289	<0.01	0.96	0.18	2.13	0.35	0.53	4.17	4.17	95.3	0.001	<0.005	<0.001
4.39	50290	<0.01	1.06	0.19	1.81	0.33	0.54	1.09	1.09	101.0	0.001	<0.005	<0.001



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Page: 1  
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**CERTIFICATE VA10137284**

Project: Eden Lake

P.O. No.:

This report is for 32 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-SEP-2010.

The following have access to data associated with this certificate:

WILLIAM H. BIRD

CARLOS KATSURAGI

DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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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:**

Colin Ramshaw, Vancouver Laboratory Manager





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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-OCT-2010  
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**CERTIFICATE OF ANALYSIS VAI0137284**

Method Analyte Units LOR	WEI 21 Recvd Wt kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
Sample Description															
50169	2.00	<1	1240	125.5	2.3	20	1.74	<5	3.82	1.76	1.92	20.4	7.54	12.5	0.63
50170	6.50	<1	5280	683	11.7	10	0.92	8	17.10	5.96	14.45	14.9	46.8	7.0	2.39
50171	5.98	<1	6240	711	11.1	<10	0.92	9	17.05	6.07	14.65	15.4	48.2	5.9	2.43
50172	6.04	<1	6530	718	12.5	10	0.80	7	17.85	6.16	15.45	13.6	50.9	4.7	2.46
50173	6.66	<1	6490	729	13.1	10	0.72	9	18.60	6.17	15.75	12.9	52.5	4.4	2.55
50174	7.22	<1	5430	523	10.3	<10	1.04	17	14.00	4.72	11.80	15.0	38.4	4.1	1.91
50175	6.82	<1	4880	872	14.4	<10	0.47	17	20.1	6.88	17.75	13.0	58.3	5.0	2.82
50176	6.46	<1	5370	611	9.6	10	0.76	5	17.25	5.83	14.35	14.7	45.7	5.0	2.33
50177	5.84	<1	6170	628	10.4	10	1.82	7	17.40	5.72	14.20	17.1	46.5	4.3	2.35
50178	5.80	<1	5770	732	14.5	10	1.49	19	19.90	6.56	16.95	16.4	55.3	4.3	2.66
50179	3.76	<1	1150	95.3	1.9	10	1.49	<5	2.96	1.32	1.56	20.6	5.81	9.3	0.48
50180	4.90	<1	3720	266	4.2	10	0.70	<5	7.83	2.74	6.40	18.3	20.9	3.3	1.07
50181	4.46	<1	4740	612	8.8	10	0.69	7	17.35	5.84	13.90	17.9	45.4	4.8	2.39
50182	4.32	<1	5830	521	6.5	10	0.97	5	14.75	5.14	11.95	18.4	38.5	5.8	2.03
50183	2.30	<1	2180	546	5.5	<10	0.94	<5	13.40	4.84	10.70	17.2	36.0	4.0	1.89
50184	6.68	<1	3080	302	3.6	<10	0.94	<5	9.73	3.36	7.59	20.6	24.1	4.6	1.33
50185	5.70	<1	2520	275	3.3	10	1.01	<5	7.63	2.73	5.78	21.3	19.10	5.7	1.08
50186	4.24	<1	4190	465	4.1	<10	0.99	7	11.15	3.93	8.79	18.8	29.4	3.7	1.60
50187	3.80	<1	5360	233	2.0	10	0.95	7	6.28	2.22	4.98	18.4	15.75	2.5	0.90
50188	3.18	<1	5440	453	8.6	10	0.64	<5	13.65	4.51	10.90	18.2	34.3	4.7	1.88
50189	2.60	<1	5170	604	7.7	<10	0.61	<5	16.65	5.78	13.10	17.9	42.9	5.2	2.32
50190	5.60	<1	5140	423	7.4	10	1.39	<5	11.95	4.06	9.61	18.7	31.4	4.6	1.62
50191	3.66	<1	3830	280	4.5	10	1.17	5	7.92	2.78	6.47	20.2	20.4	4.4	1.10
50192	4.64	<1	6620	506	9.1	10	0.79	<5	14.55	4.78	11.70	17.3	37.7	5.0	2.02
50193	3.36	<1	6070	494	8.0	10	0.72	7	14.50	4.80	11.50	17.4	36.8	5.3	1.97
50194	7.52	<1	5160	521	7.0	10	0.75	6	15.85	5.52	12.80	19.3	41.0	5.2	2.26
50195	3.32	<1	1930	170.5	3.0	10	1.56	<5	5.30	2.07	3.27	20.8	11.55	10.8	0.82
50196	4.70	<1	6090	521	9.3	10	0.81	10	16.00	5.48	12.40	17.4	39.2	5.4	2.18
50133	1.10	<1	1110	163.5	29.3	370	0.35	<5	9.95	3.79	6.45	14.6	19.35	10.3	1.45
50134	2.40	<1	2910	400	5.0	10	1.11	8	10.60	3.85	7.88	20.3	26.6	4.4	1.51
50135	2.60	<1	2610	351	7.5	20	2.08	31	7.94	3.07	5.95	24.6	20.3	8.4	1.20
50280	0.72	<1	4260	354	6.7	20	0.28	16	10.60	3.76	8.13	19.5	26.1	5.5	1.47



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-OCT-2010  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10137284**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 No ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50169	59.7	0.18	<2	13.6	52.2	<5	47	15.05	161.0	9.19	2	428	1.0	0.91	62.4
50170	285	0.46	<2	38.1	376	6	22	93.8	92.3	61.9	2	2770	2.0	4.89	31.3
50171	295	0.45	<2	32.8	390	7	29	97.5	94.4	63.8	2	3260	1.6	4.90	40.2
50172	297	0.44	<2	34.6	405	6	20	100.0	81.4	67.0	2	3610	1.8	5.20	29.8
50173	308	0.44	<2	35.9	416	6	18	101.5	76.9	69.7	2	3670	1.9	5.28	24.3
50174	213	0.33	<2	26.2	303	<5	21	73.1	103.5	50.4	2	3360	1.4	4.01	21.1
50175	373	0.49	<2	38.0	478	5	23	119.5	72.2	76.7	2	3030	1.9	5.96	30.1
50176	241	0.42	<2	36.5	355	5	17	88.5	101.5	60.6	2	2280	1.6	4.84	26.1
50177	258	0.43	<2	33.3	360	<5	21	89.3	107.5	61.4	2	2910	1.6	4.58	29.5
50178	301	0.49	<2	33.2	413	<5	26	102.5	88.5	70.0	2	2990	1.8	5.41	28.2
50179	46.1	0.15	<2	10.2	38.8	<5	48	11.25	155.0	6.83	1	453	0.8	0.67	37.5
50180	101.5	0.24	<2	22.8	153.5	<5	11	38.2	120.5	26.7	1	1555	1.1	2.10	16.25
50181	255	0.48	<2	35.6	339	<5	21	85.5	109.0	58.0	3	3090	1.8	4.48	24.3
50182	213	0.39	<2	30.4	284	<5	20	71.8	140.0	48.9	2	3050	1.6	3.82	21.6
50183	235	0.38	<2	14.6	281	<5	13	72.8	74.0	45.4	1	2450	0.8	3.54	18.50
50184	114.0	0.28	<2	32.9	175.5	<5	13	43.3	118.5	31.3	1	1750	1.7	2.53	68.6
50185	114.5	0.30	<2	14.4	148.0	<5	15	37.1	116.0	24.3	1	1230	0.7	1.90	50.8
50186	201	0.32	<2	14.5	232	<5	20	60.0	119.0	37.1	1	2510	0.7	2.92	20.2
50187	99.7	0.18	<2	17.8	119.5	<5	19	30.8	137.5	20.1	1	2410	0.9	1.63	12.00
50188	177.0	0.37	<2	37.6	260	<5	17	65.2	120.5	45.6	2	3040	1.9	3.49	20.8
50189	248	0.45	<2	30.9	330	<5	15	84.2	115.5	56.3	1	2900	1.5	4.31	34.6
50190	168.0	0.33	<2	31.1	240	<5	16	60.0	122.0	41.8	1	2880	1.5	3.13	39.7
50191	109.5	0.23	<2	25.6	156.5	<5	15	38.9	129.5	26.5	1	1805	1.4	2.07	21.4
50192	204	0.37	<2	37.1	288	<5	18	71.2	120.0	49.7	2	3450	1.9	3.76	20.7
50193	199.0	0.35	<2	33.4	283	6	19	70.5	123.0	48.3	2	3050	1.8	3.73	24.0
50194	195.5	0.44	<2	34.6	308	<5	18	76.4	126.0	53.8	2	2520	1.7	4.18	36.2
50195	74.3	0.22	<2	15.5	81.5	<5	41	22.0	159.5	14.35	2	768	1.1	1.23	55.9
50196	207	0.41	<2	36.8	297	<5	19	73.7	105.0	51.5	2	3750	1.8	4.04	22.7
50133	48.3	0.72	<2	29.0	122.5	68	15	27.6	48.5	25.5	2	809	0.9	2.30	6.63
50134	167.5	0.33	<2	14.0	200	6	30	52.3	145.0	33.0	1	1055	0.7	2.67	21.3
50135	152.5	0.25	<2	22.3	160.0	9	56	44.0	94.3	24.9	2	2990	0.9	2.02	16.65
50280	147.5	0.29	<2	23.1	194.5	11	19	49.0	94.7	33.6	2	3520	1.4	2.69	16.90



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Page: 2 - C  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15- OCT- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10137284**

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
		Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	0.5	0.01	0.01	0.01	0.01
50169		1.3	9.09	21	1	20.1	1.33	101	480	72.8	13.50	2.47	1.04	0.36	4.42			
50170		0.8	7.63	97	1	62.9	3.16	159	296	55.1	10.60	6.45	11.85	2.45	3.21			
50171		0.8	9.75	89	1	65.1	3.15	150	245	54.7	11.55	6.15	11.00	2.29	3.42			
50172		0.7	6.74	106	1	66.2	3.15	150	197	53.0	10.60	6.89	12.90	2.67	3.01			
50173		0.7	5.32	113	1	68.2	3.28	145	192	52.3	10.30	7.11	13.25	2.79	2.82			
50174		0.8	6.36	79	1	51.4	2.28	113	169	56.1	11.10	5.31	10.90	1.98	3.35			
50175		0.6	7.41	116	1	75.0	3.35	194	220	50.4	8.61	7.52	15.00	2.91	2.83			
50176		0.9	7.94	83	1	59.6	2.89	160	213	59.2	11.15	5.77	9.28	2.31	3.49			
50177		0.5	8.19	91	1	59.5	3.05	148	174	55.0	11.20	6.00	10.75	2.15	3.41			
50178		0.5	7.67	115	1	67.6	3.47	158	178	52.6	10.47	7.72	13.25	2.81	3.09			
50179		0.8	6.95	20	1	15.1	1.12	80	366	73.7	13.25	2.11	0.88	0.27	4.44			
50180		0.7	4.25	45	1	27.4	1.61	103	143	64.8	12.95	3.46	4.94	0.98	4.24			
50181		0.5	8.54	91	2	63.2	3.31	149	188	53.6	10.40	5.78	12.85	1.96	3.43			
50182		0.6	7.45	72	1	53.8	2.89	112	259	56.1	12.65	4.36	9.55	1.45	3.76			
50183		<0.5	6.63	54	1	50.8	2.75	115	184	57.2	10.35	3.95	12.00	1.27	4.29			
50184		0.5	9.00	41	1	33.1	2.01	113	206	62.0	13.70	3.04	6.28	0.90	4.55			
50185		0.5	8.63	31	1	27.6	1.88	107	271	64.4	12.80	2.91	5.42	0.85	4.17			
50186		0.6	6.31	40	1	41.7	2.27	89	155	57.9	13.15	3.05	8.07	0.92	4.13			
50187		0.7	3.58	24	1	23.6	1.25	49	115	61.2	15.30	1.79	4.43	0.47	4.40			
50188		0.6	6.97	81	1	48.4	2.69	126	197	58.4	12.65	5.04	7.22	1.66	3.78			
50189		0.6	11.30	79	1	60.5	3.22	136	240	55.4	12.05	5.16	9.34	1.63	3.57			
50190		0.6	8.26	68	1	42.6	2.32	119	211	58.8	12.65	4.69	7.33	1.52	3.80			
50191		0.6	6.16	45	1	28.7	1.63	84	191	63.6	12.95	3.37	4.85	0.99	4.11			
50192		0.7	5.96	90	1	51.8	2.77	128	214	55.6	12.20	5.48	8.33	1.87	3.37			
50193		0.7	6.62	80	1	50.9	2.78	116	245	57.6	12.50	5.13	7.67	1.65	3.47			
50194		0.7	11.25	73	1	56.6	3.14	131	236	57.6	12.45	4.72	7.63	1.47	3.77			
50195		0.9	10.40	29	1	22.8	1.52	101	427	71.7	13.45	2.83	2.07	0.53	4.34			
50196		0.7	6.68	90	1	57.7	3.02	124	238	55.3	12.10	5.56	9.83	1.83	3.35			
50197		<0.5	5.16	194	2	35.2	3.88	319	475	55.1	5.85	11.30	14.35	5.94	3.15			
50198		0.8	7.22	46	1	39.5	2.41	94	189	60.4	14.10	3.27	4.91	1.05	4.50			
50199		<0.5	7.34	62	1	33.1	1.92	146	490	59.8	15.35	4.25	4.18	1.39	6.57			
50200		<0.5	5.14	54	1	39.6	2.24	111	236	57.3	14.25	5.02	6.04	1.44	4.42			



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Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 15-OCT-2010  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0137284**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	TOT-ICP06 Total %	OA-CRA05 LOI %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50169		4.77	<0.01	0.29	0.04	0.07	0.05	0.14	100.0	0.20	0.001	0.005	0.001
50170		5.15	<0.01	0.98	0.21	1.65	0.33	0.60	101.0	2.24	0.001	0.005	0.001
50171		5.42	<0.01	0.83	0.20	1.86	0.38	0.70	100.0	1.58	0.001	0.005	0.001
50172		5.16	<0.01	1.06	0.21	2.00	0.42	0.72	101.5	2.65	0.001	0.005	0.001
50173		5.11	<0.01	1.17	0.21	2.07	0.43	0.74	100.0	1.94	0.001	0.005	0.001
50174		5.04	<0.01	0.78	0.16	1.50	0.40	0.62	99.8	2.60	0.001	0.005	0.001
50175		3.83	<0.01	1.16	0.22	2.24	0.35	0.54	98.4	2.78	0.001	0.005	0.001
50176		5.19	<0.01	0.96	0.18	1.61	0.27	0.62	100.5	0.68	0.001	0.005	0.001
50177		5.27	<0.01	0.86	0.18	1.55	0.33	0.70	99.6	2.15	0.001	0.005	0.001
50178		4.32	<0.01	1.00	0.22	2.03	0.34	0.67	99.2	1.69	0.001	0.005	0.001
50179		4.60	<0.01	0.21	0.04	0.05	0.05	0.13	100.0	0.49	0.001	0.005	0.001
50180		5.63	<0.01	0.39	0.11	0.44	0.17	0.44	100.0	1.60	0.001	0.005	0.001
50181		4.80	<0.01	0.65	0.19	1.33	0.35	0.54	100.0	4.32	0.001	0.005	0.001
50182		6.02	<0.01	0.56	0.14	0.98	0.34	0.67	100.0	3.42	0.001	0.005	0.001
50183		3.40	<0.01	0.25	0.15	1.04	0.28	0.25	100.5	6.08	0.001	0.005	0.001
50184		5.79	<0.01	0.47	0.12	0.42	0.20	0.36	100.5	2.80	0.001	0.005	0.001
50185		5.52	<0.01	0.15	0.11	0.35	0.14	0.29	100.0	3.05	0.001	0.005	0.001
50186		5.77	<0.01	0.20	0.11	0.73	0.28	0.47	99.4	4.59	0.001	0.005	0.001
50187		6.96	<0.01	0.25	0.06	0.25	0.27	0.61	98.7	2.71	0.001	0.005	0.001
50188		5.93	<0.01	0.84	0.15	0.78	0.33	0.61	98.5	1.09	0.001	0.005	0.001
50189		5.90	<0.01	0.60	0.17	1.15	0.32	0.59	98.4	2.50	0.001	0.005	0.001
50190		5.87	<0.01	0.68	0.14	0.86	0.32	0.59	98.4	1.10	0.001	0.005	0.001
50191		5.63	<0.01	0.46	0.10	0.56	0.20	0.45	98.3	0.99	0.001	0.005	0.001
50192		6.07	<0.01	0.96	0.16	0.96	0.38	0.75	97.2	1.10	0.001	0.005	0.001
50193		6.21	<0.01	0.76	0.15	1.03	0.34	0.69	98.1	0.89	0.001	0.005	0.001
50194		5.88	<0.01	0.62	0.15	0.89	0.28	0.58	97.5	1.49	0.001	0.005	0.001
50195		5.04	<0.01	0.33	0.06	0.20	0.09	0.22	101.0	0.00	0.001	0.005	0.001
50196		6.06	<0.01	0.87	0.16	1.09	0.42	0.69	99.5	2.28	0.001	0.005	0.001
50133		2.25	0.05	0.58	0.36	0.17	0.09	0.12	99.9	0.59	0.001	0.005	0.001
50134		6.35	<0.01	0.21	0.10	0.83	0.12	0.34	97.4	1.18	0.001	0.005	0.001
50135		3.39	<0.01	0.81	0.08	0.58	0.33	0.29	97.5	0.48	0.001	0.005	0.001
50280		5.68	<0.01	0.57	0.11	0.73	0.39	0.49	98.3	1.88	0.001	0.005	0.001



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**CERTIFICATE VA10139804**

Project: Eden Lake  
 P.O. No.:  
 This report is for 37 Rock samples submitted to our lab in Vancouver, BC, Canada on  
 30-SEP-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD CARLOS KATSURAGI DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing 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	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
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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:**

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 2 (A - D)  
Finalized Date: 19-OCT-2010  
Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10139804**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Cd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50237	3.56	<1	5620	474	10.7	10	0.46	11	13.15	4.89	10.55	15.4	34.5	6.3	1.87
50238	4.98	<1	5830	675	12.5	10	0.32	8	16.95	6.03	13.50	13.9	44.8	4.7	2.37
50239	5.84	<1	6030	449	7.6	10	0.45	7	12.10	4.27	9.66	15.5	31.9	4.0	1.64
50240	3.96	<1	5860	686	11.2	10	0.32	7	16.40	5.83	13.50	14.6	44.1	4.4	2.25
50241	6.78	<1	5650	698	12.2	10	0.29	9	16.85	5.88	13.65	13.8	45.9	5.3	2.25
50242	2.00	<1	5670	648	11.7	10	0.32	26	15.80	5.62	12.80	15.0	42.7	6.3	2.17
50243	4.34	<1	2550	241	5.5	10	0.50	5	6.05	2.14	4.96	15.0	16.35	2.0	0.85
50244	4.14	<1	5340	687	14.8	10	0.57	21	16.50	5.87	13.35	13.3	44.3	3.9	2.25
50245	3.78	<1	6520	717	13.9	10	0.96	11	17.10	6.15	13.70	13.3	44.9	3.6	2.34
50246	4.84	<1	6230	700	14.3	10	1.20	12	16.45	6.03	13.25	14.6	43.7	4.5	2.30
50247	3.84	<1	5970	759	13.7	10	0.83	17	17.00	6.04	13.65	12.9	46.0	4.7	2.33
50248	4.08	<1	5860	771	12.6	10	0.71	12	17.50	6.22	14.25	14.4	47.5	3.3	2.40
50249	7.26	<1	3360	606	7.7	10	0.88	<5	16.35	5.74	12.75	17.6	41.8	4.5	2.26
50250	3.44	<1	1855	402	5.8	10	1.13	<5	12.00	4.35	9.07	20.2	30.4	4.1	1.65
50251	5.58	<1	4260	832	10.4	10	0.90	<5	19.15	7.22	15.05	17.3	51.0	5.0	2.65
50252	2.80	<1	1690	569	3.7	<10	1.36	5	16.65	7.31	9.89	19.1	34.6	5.3	2.61
50253	3.64	<1	2480	107.5	1.4	<10	1.56	12	2.35	0.93	1.93	20.0	6.16	3.0	0.34
50254	4.26	<1	5400	863	13.7	10	0.78	<5	18.75	6.76	15.40	14.7	50.8	5.4	2.63
50255	4.42	<1	4220	511	8.7	10	0.77	<5	12.80	4.65	10.35	15.6	33.6	3.9	1.77
50256	2.68	<1	1300	117.5	2.2	20	1.88	<5	3.41	1.55	1.80	19.6	6.66	13.0	0.56
50257	2.02	<1	1315	125.0	2.5	10	0.89	<5	3.50	1.17	2.81	20.7	8.96	1.2	0.46
50258	5.16	<1	5730	788	13.9	10	0.68	22	18.50	6.68	14.95	15.3	49.0	5.5	2.50
50259	6.02	<1	715	30.6	0.5	30	0.95	<5	2.32	1.53	1.03	18.8	3.18	1.9	0.43
50300	4.18	<1	6300	647	12.0	10	1.23	23	15.60	5.40	12.80	14.5	41.4	4.8	2.22
50301	5.16	<1	3540	389	6.9	<10	1.10	20	10.20	3.62	8.17	16.7	27.1	4.0	1.39
50302	3.92	<1	6300	757	14.6	10	0.54	29	18.20	6.45	15.00	13.9	48.1	5.2	2.51
50303	4.32	<1	5470	755	14.3	10	0.45	25	18.05	6.38	14.45	14.8	47.2	5.1	2.49
50260	0.86	<1	4160	586	11.1	10	0.49	<5	14.75	5.21	11.70	15.4	38.7	4.6	2.03
50291	0.78	<1	7820	666	11.2	10	0.38	<5	16.75	5.83	13.75	15.3	44.4	5.2	2.25
50292	0.96	<1	6600	663	14.1	10	0.41	13	18.25	6.38	15.05	14.9	47.5	5.6	2.58
50293	0.90	<1	5470	704	11.6	10	0.52	<5	17.95	6.43	14.00	16.0	46.2	7.5	2.50
50294	0.94	<1	5600	753	13.5	10	0.67	<5	20.1	7.16	16.00	14.8	52.6	7.0	2.77
50295	0.72	<1	5750	708	12.2	10	0.45	18	15.55	5.56	12.80	15.1	42.9	5.1	2.12
50296	0.88	<1	7910	605	13.6	10	0.50	16	15.90	5.57	13.00	14.5	41.6	6.2	2.19
50297	0.92	<1	3330	1050	16.3	10	0.27	<5	25.5	9.25	20.8	15.9	68.2	8.1	3.54
50298	0.80	<1	6010	516	12.4	<10	0.47	20	13.80	4.74	12.05	17.0	36.0	5.1	1.92
50299	0.94	<1	5570	835	16.5	10	1.09	6	21.8	7.17	18.60	17.6	58.1	3.5	3.01



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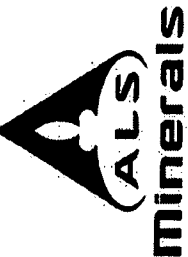
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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 19-OCT-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10139804**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50237	191.0	0.36	<2	26.7	251	<5	19	60.7	72.6	43.2	2	3600	1.5	3.51	20.1
50238	266	0.41	<2	30.1	337	<5	19	81.8	76.2	56.2	2	3640	1.5	4.57	26.6
50239	169.5	0.29	<2	26.1	243	7	18	58.3	102.0	42.2	1	2730	1.3	3.24	17.25
50240	271	0.40	<2	30.5	337	<5	20	83.3	85.6	56.5	2	3590	1.6	4.43	20.7
50241	277	0.42	<2	35.1	344	<5	19	85.4	73.3	58.1	2	3750	1.6	4.61	27.3
50242	252	0.40	<2	31.8	327	<5	16	80.3	81.8	54.9	2	3600	1.7	4.25	25.9
50243	99.8	0.16	<2	12.5	123.5	<5	11	30.1	84.5	20.8	1	1455	1.5	1.67	9.37
50244	278	0.38	<2	28.7	336	6	20	82.3	70.5	57.3	2	3650	1.5	4.45	24.1
50245	296	0.39	<2	30.1	349	5	29	85.7	79.3	58.4	2	4170	1.5	4.61	23.1
50246	291	0.43	<2	32.6	333	6	37	82.8	96.9	56.7	2	3890	1.8	4.48	23.8
50247	317	0.38	<2	33.0	360	<5	28	89.5	73.4	59.1	2	4010	1.7	4.61	25.6
50248	309	0.41	<2	31.8	371	5	24	91.8	79.4	61.9	2	3560	1.6	4.77	26.4
50249	215	0.40	<2	29.4	323	<5	17	77.1	83.5	55.7	2	2160	1.5	4.32	35.3
50250	140.5	0.40	<2	24.2	228	<5	9	54.4	100.5	40.1	1	778	0.9	3.19	20.3
50251	319	0.52	<2	31.7	399	<5	14	99.7	87.3	66.7	2	1780	1.6	5.15	38.2
50252	225	0.63	<2	20.2	248	<5	14	63.6	113.0	41.8	1	1095	1.2	3.82	34.7
50253	47.2	0.08	<2	9.6	48.3	<5	34	12.30	148.5	7.96	1	1545	0.7	0.62	12.65
50254	355	0.47	<2	33.0	416	5	19	101.0	70.7	68.1	2	3350	1.7	5.11	32.1
50255	211	0.34	<2	25.3	265	<5	15	64.4	83.7	44.9	1	2190	1.4	3.44	22.3
50256	54.0	0.16	<2	11.8	46.9	<5	45	12.90	166.0	8.02	2	435	1.0	0.78	70.1
50257	40.6	0.11	<2	15.8	70.1	<5	8	16.60	103.0	12.70	1	545	0.7	0.92	13.25
50258	302	0.45	<2	36.4	381	7	15	93.0	74.2	64.7	2	3630	1.9	4.92	28.2
50259	12.4	0.32	<2	3.4	16.8	<5	11	3.87	90.7	3.59	2	329	0.5	0.43	4.97
50300	282	0.41	<2	30.5	320	5	26	78.5	104.0	53.8	2	3380	1.6	4.21	22.9
50301	155.0	0.25	<2	22.9	205	<5	14	49.5	99.9	34.7	1	2110	1.2	2.71	20.1
50302	305	0.45	<2	34.2	368	<5	22	90.2	80.5	62.9	2	3960	1.8	4.90	27.3
50303	308	0.42	<2	34.5	368	8	21	90.2	83.1	61.1	2	3410	1.8	4.84	31.5
50260	226	0.36	<2	34.7	293	5	14	71.4	77.9	50.3	2	2870	1.9	3.97	22.7
50291	257	0.40	<2	33.8	342	5	17	83.4	93.2	58.4	2	3930	1.9	4.52	22.5
50292	250	0.44	<2	32.2	359	5	18	84.8	76.1	63.6	2	3880	1.8	5.03	21.9
50293	273	0.49	<2	34.3	350	<5	17	85.1	90.6	59.6	2	2740	1.8	4.81	51.4
50294	272	0.51	<2	40.9	396	5	24	94.8	90.1	68.7	2	3270	2.1	5.34	30.0
50295	294	0.37	<2	29.6	336	<5	15	83.4	85.6	55.6	2	3420	1.6	4.26	24.3
50296	233	0.39	<2	30.2	313	12	26	75.1	88.8	54.5	2	3970	1.8	4.32	20.00
50297	399	0.62	<2	56.8	527	8	12	130.0	54.5	88.5	3	2690	3.3	7.08	39.5
50298	212	0.32	<2	34.3	283	<5	17	69.4	90.1	48.0	2	3100	2.0	3.78	21.0
50299	363	0.50	<2	31.9	450	5	21	112.0	72.3	74.5	2	3970	1.7	5.85	33.2



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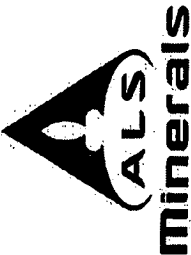
Page: 2 - C  
Total # Pages: 2 (A - D)  
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Project: Eden Lake

CERTIFICATE OF ANALYSIS VA10139804

Sample Description	Method Analyte Units LOR	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
		TI ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Zr ppm	Yb ppm	Zn ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	CaO %	MgO %	Na2O %
50237		0.5	0.42	5.95	83	1	50.7	2.61	124	291	53.5	12.00	5.78	9.96	2.03	9.96	2.03	3.88	3.88
50238		0.6	0.52	7.34	97	1	63.8	3.19	147	190	51.1	10.40	6.81	11.60	2.50	11.60	2.50	3.35	3.35
50239		0.6	0.36	4.66	58	1	44.9	2.19	110	152	56.4	12.75	4.44	6.78	1.53	6.78	1.53	3.97	3.97
50240		0.5	0.49	5.95	92	1	59.8	2.91	155	209	52.0	10.75	6.31	11.65	2.33	11.65	2.33	3.67	3.67
50241		0.5	0.49	6.82	95	1	61.5	3.11	158	209	50.7	9.83	6.94	12.60	2.54	12.60	2.54	3.24	3.24
50242		0.5	0.46	6.36	90	1	58.3	2.86	142	271	53.7	11.15	6.43	10.40	2.31	10.40	2.31	3.64	3.64
50243		<0.5	0.19	2.14	38	1	23.8	1.15	63	74	64.4	11.60	3.04	5.21	1.02	5.21	1.02	4.25	4.25
50244		<0.5	0.47	5.71	103	1	63.5	2.86	152	167	50.6	9.33	7.16	13.90	2.83	13.90	2.83	3.03	3.03
50245		0.6	0.51	5.83	103	1	65.8	2.96	161	145	49.5	9.83	7.03	13.70	2.80	13.70	2.80	3.06	3.06
50246		0.6	0.53	7.74	104	2	64.7	3.09	158	166	52.3	10.20	6.87	12.10	2.74	12.10	2.74	3.37	3.37
50247		0.5	0.51	5.56	107	1	64.9	2.88	154	147	48.4	9.54	6.94	13.55	2.77	13.55	2.77	3.17	3.17
50248		<0.5	0.51	6.67	100	1	65.1	2.93	163	177	51.6	9.89	6.65	12.05	2.55	12.05	2.55	3.55	3.55
50249		0.5	0.49	11.15	65	1	58.3	2.93	156	162	56.2	11.45	4.83	8.83	1.64	8.83	1.64	4.42	4.42
50250		0.6	0.39	8.24	46	1	42.3	2.54	177	152	63.3	13.50	3.92	4.69	1.27	4.69	1.27	4.95	4.95
50251		0.5	0.61	11.30	84	1	74.9	3.74	168	192	57.0	11.00	5.91	9.90	2.15	9.90	2.15	4.11	4.11
50252		0.6	0.77	10.15	38	1	76.2	4.69	102	202	63.0	13.05	3.55	6.50	0.88	6.50	0.88	4.20	4.20
50253		0.8	0.09	3.70	11	1	10.3	0.64	41	110	67.1	16.65	1.50	1.27	0.30	1.27	0.30	5.05	5.05
50254		<0.5	0.58	9.40	106	1	73.6	3.33	171	206	52.7	9.72	7.62	13.50	2.87	13.50	2.87	3.54	3.54
50255		0.5	0.37	6.59	68	1	49.2	2.43	147	141	60.5	10.80	5.31	9.46	1.85	9.46	1.85	3.95	3.95
50256		1.1	0.17	11.10	17	1	17.8	1.16	106	469	72.9	13.50	2.66	0.96	0.36	0.96	0.36	4.30	4.30
50257		0.6	0.10	1.84	20	1	11.4	0.74	94	41	68.5	14.35	2.70	2.19	0.58	2.19	0.58	5.37	5.37
50258		<0.5	0.55	7.58	108	1	68.5	3.32	178	217	53.9	10.15	7.65	12.70	2.82	12.70	2.82	3.81	3.81
50259		0.5	0.26	1.55	10	1	19.2	2.05	17	96	74.7	13.25	1.16	0.59	0.08	0.59	0.08	5.18	5.18
50300		0.6	0.47	5.88	85	1	58.5	2.87	146	193	52.4	10.60	6.16	13.05	2.22	13.05	2.22	3.48	3.48
50301		0.6	0.30	4.50	56	1	37.6	1.88	100	160	59.8	11.25	4.23	7.34	1.42	7.34	1.42	3.60	3.60
50302		0.5	0.54	6.67	112	1	67.1	3.24	157	203	50.8	9.85	7.60	13.95	2.81	13.95	2.81	3.09	3.09
50303		0.5	0.45	6.46	105	1	66.9	3.15	156	196	52.7	10.25	7.20	12.80	2.63	12.80	2.63	3.35	3.35
50260		0.5	0.45	4.67	90	1	55.4	2.63	140	177	57.3	10.65	6.42	10.70	2.23	10.70	2.23	3.55	3.55
50291		0.5	0.49	5.15	98	1	62.1	2.92	138	213	53.6	11.30	6.78	11.45	2.47	11.45	2.47	3.29	3.29
50292		0.5	0.53	6.10	114	1	70.8	3.24	152	224	52.1	10.45	7.67	13.45	2.88	13.45	2.88	3.18	3.18
50293		0.5	0.59	14.05	96	1	68.6	3.55	156	321	56.1	10.90	6.82	10.95	2.48	10.95	2.48	3.65	3.65
50294		0.6	0.61	7.80	113	1	75.2	3.60	171	272	51.7	9.90	7.73	13.15	2.83	13.15	2.83	3.17	3.17
50295		0.5	0.45	5.08	94	1	58.9	2.69	122	195	53.9	10.65	6.45	12.15	2.42	12.15	2.42	3.28	3.28
50296		0.6	0.48	5.31	98	1	60.6	2.78	132	271	52.4	10.90	6.53	12.45	2.82	12.45	2.82	3.29	3.29
50297		<0.5	0.77	8.15	152	1	94.5	4.65	213	315	49.2	7.78	9.85	16.15	3.48	16.15	3.48	2.89	2.89
50298		<0.5	0.40	4.87	89	2	50.9	2.60	144	214	54.6	11.90	6.51	9.85	2.26	9.85	2.26	3.56	3.56
50299		<0.5	0.60	7.33	123	2	81.4	3.90	192	154	47.8	8.97	7.60	16.00	3.17	16.00	3.17	2.91	2.91





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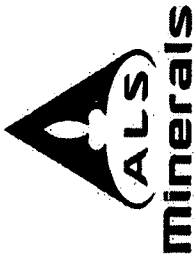
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Page: 2 - D  
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Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10139804**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	LOI %	OA-GRA05 %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50237		4.72	<0.01	0.94	0.14	1.31	0.41	0.61	1.97	0.01	97.3	0.001	0.005	0.001
50238		4.59	<0.01	1.00	0.18	1.85	0.41	0.63	1.87	0.01	96.3	0.001	0.005	0.001
50239		5.56	<0.01	0.67	0.13	1.11	0.31	0.65	0.99	0.01	95.3	0.001	0.005	0.001
50240		4.50	<0.01	0.90	0.17	1.61	0.40	0.63	2.30	0.01	97.2	0.001	0.005	0.001
50241		4.18	<0.01	0.90	0.20	1.92	0.42	0.60	2.38	0.01	96.5	0.001	0.005	0.001
50242		4.78	<0.01	0.91	0.17	1.77	0.40	0.60	1.70	0.01	98.0	0.001	0.005	0.001
50243		4.26	<0.01	0.42	0.07	0.69	0.16	0.28	1.76	0.01	97.2	0.001	0.005	0.001
50244		4.08	<0.01	0.97	0.18	2.14	0.40	0.56	2.79	0.01	98.0	0.001	0.005	0.001
50245		4.47	<0.01	1.00	0.18	2.06	0.46	0.69	2.60	0.01	97.4	0.001	0.005	0.001
50246		4.43	<0.01	1.03	0.17	1.94	0.42	0.64	1.87	0.01	98.1	0.001	0.005	0.001
50247		3.91	<0.01	1.10	0.17	2.01	0.44	0.62	2.48	0.01	95.1	0.001	0.005	0.001
50248		4.00	<0.01	1.00	0.18	1.84	0.39	0.61	1.49	0.01	95.8	0.001	0.005	0.001
50249		4.25	<0.01	0.72	0.15	1.05	0.24	0.37	2.17	0.01	96.3	0.001	0.005	0.001
50250		5.43	<0.01	0.46	0.15	0.59	0.08	0.20	0.50	0.01	99.0	0.001	0.005	0.001
50251		4.34	<0.01	0.84	0.19	1.59	0.20	0.48	1.59	0.01	99.3	0.001	0.005	0.001
50252		5.64	<0.01	0.35	0.14	0.44	0.12	0.19	2.10	0.01	100.0	0.001	0.005	0.001
50253		7.30	<0.01	0.16	0.03	0.06	0.17	0.27	0.88	0.01	100.5	0.001	0.005	0.001
50254		3.82	<0.01	1.01	0.21	2.21	0.37	0.57	1.57	0.01	99.7	0.001	0.005	0.001
50255		4.22	<0.01	0.65	0.16	1.38	0.25	0.48	2.28	0.01	101.5	0.001	0.005	0.001
50256		5.00	<0.01	0.27	0.04	0.07	0.05	0.14	0.40	0.01	100.5	0.001	0.005	0.001
50257		5.17	<0.01	0.31	0.09	0.12	0.06	0.15	0.29	0.01	99.9	0.001	0.005	0.001
50258		3.98	<0.01	1.14	0.21	2.02	0.40	0.61	1.47	0.01	101.0	0.001	0.005	0.001
50259		3.65	<0.01	0.04	0.02	0.05	0.04	0.08	0.60	0.01	99.4	0.001	0.005	0.001
50300		4.66	<0.01	0.94	0.17	1.56	0.37	0.67	3.80	0.01	100.0	0.001	0.005	0.001
50301		5.02	<0.01	0.63	0.11	0.94	0.24	0.40	1.28	0.01	96.3	0.001	0.005	0.001
50302		4.50	<0.01	1.17	0.20	1.87	0.44	0.67	3.24	0.01	100.0	0.001	0.005	0.001
50303		4.70	<0.01	1.09	0.19	1.85	0.38	0.58	2.28	0.01	100.0	0.001	0.005	0.001
50260		4.64	<0.01	0.95	0.17	1.52	0.32	0.48	1.49	0.01	100.5	0.001	0.005	0.001
50291		5.36	<0.01	1.02	0.18	1.70	0.43	0.83	1.29	0.01	99.7	0.001	0.005	0.001
50292		4.78	<0.01	1.10	0.20	1.97	0.43	0.71	2.45	0.01	101.5	0.001	0.005	0.001
50293		5.04	<0.01	0.92	0.19	1.73	0.31	0.59	1.00	0.01	100.5	0.001	0.005	0.001
50294		4.62	<0.01	1.15	0.21	1.92	0.37	0.60	2.38	0.01	99.7	0.001	0.005	0.001
50295		4.85	<0.01	0.93	0.17	1.73	0.38	0.63	2.67	0.01	100.0	0.001	0.005	0.001
50296		5.00	<0.01	0.86	0.17	1.50	0.44	0.84	2.39	0.01	99.6	0.001	0.005	0.001
50297		3.52	<0.01	1.53	0.27	2.26	0.30	0.37	2.20	0.01	99.8	0.001	0.005	0.001
50298		4.75	<0.01	1.06	0.16	1.23	0.38	0.70	1.79	0.01	98.8	0.001	0.005	0.001
50299		3.66	<0.01	0.96	0.20	2.47	0.43	0.55	3.48	0.01	98.2	0.001	0.005	0.001



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Page: 1  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

**CERTIFICATE VA10146612**

Project: Eden Lake  
 P.O. No.:  
 This report is for 52 Rock samples submitted to our lab in Vancouver, BC, Canada on  
 25-OCT-2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing 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	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES

To: MEDALLION RESOURCES LTD  
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 #1160-595 HOWE ST.  
 VANCOUVER BC V6C 2B3

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

**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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To: MEDALLION RESOURCES LTD  
 1160-595 HOWE STREET  
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Page: 2 - A  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 Hf ppm	ME-MS81 Ho ppm
50304	2.22	<1	5070	803	14.3	10	0.45	10	18.95	6.63	15.20	17.3	51.6	5.6	2.61
50305	3.82	<1	2930	342	7.3	10	0.72	23	8.97	3.23	6.99	18.2	23.4	4.3	1.23
50306	6.50	<1	4620	660	13.8	10	0.56	27	17.25	6.22	13.80	17.1	45.7	6.2	2.40
50307	4.50	<1	4410	599	13.1	10	0.61	33	14.75	5.24	11.85	17.2	39.5	4.3	2.01
50308	3.52	<1	1285	132.0	2.3	10	0.84	<5	3.48	1.23	2.78	19.1	9.19	1.4	0.47
50309	3.62	<1	4350	676	12.7	10	0.60	8	16.95	6.11	13.65	18.3	46.0	5.5	2.37
50310	4.94	<1	5160	756	16.3	10	0.52	29	19.35	6.87	15.40	16.7	52.0	5.6	2.60
50311	3.26	<1	4840	605	14.8	10	0.45	32	16.30	5.89	13.10	18.8	42.8	5.6	2.24
50312	4.42	<1	4710	515	10.9	10	0.46	12	13.80	4.89	11.00	17.8	35.8	6.3	1.93
50313	5.58	<1	5420	630	14.2	10	0.48	13	17.10	6.09	13.55	17.4	44.2	4.8	2.40
50315	4.76	<1	6080	577	14.9	10	0.42	20	15.80	5.49	12.60	16.2	40.8	4.0	2.12
50316	6.60	<1	1765	174.5	1.6	10	0.56	5	3.43	1.28	2.94	20.7	9.91	1.6	0.48
50317	5.32	<1	1560	142.0	1.9	10	0.52	<5	1.32	1.32	2.88	21.1	9.59	3.1	0.50
50318	5.86	<1	4800	572	11.7	10	0.39	<5	15.05	5.31	12.15	17.4	39.3	5.3	2.06
50319	6.24	<1	2910	355	7.1	10	0.52	9	8.99	3.21	7.20	18.9	23.9	3.3	1.25
50320	4.12	<1	2820	409	7.7	10	0.52	<5	9.76	3.58	8.16	18.0	27.0	3.3	1.37
50321	6.56	<1	5090	589	13.1	10	0.56	11	14.95	5.37	12.35	17.1	39.4	4.7	2.04
50322	4.34	<1	5180	441	10.7	10	0.61	8	13.10	4.51	10.30	17.2	33.2	5.3	1.79
50323	6.70	<1	5190	590	12.2	10	0.49	6	15.85	5.59	12.40	18.2	41.2	5.9	2.17
50324	5.70	<1	1625	169.0	3.1	10	2.32	<5	4.17	1.61	3.25	22.0	10.90	3.5	0.58
50325	2.60	<1	5300	805	13.1	10	1.44	6	17.65	6.37	14.40	17.3	49.6	5.5	2.45
50326	5.54	<1	6650	589	5.7	<10	1.12	16	11.90	4.70	9.34	15.4	32.1	4.1	1.73
50327	8.14	<1	8230	>10000	3.7	<10	1.04	<5	28.5	6.75	48.3	44.9	84.2	2.8	3.70
50328	4.46	<1	8440	795	0.8	<10	1.49	<5	20.1	7.26	14.80	15.9	48.3	2.2	2.85
50329	4.88	<1	3110	>10000	4.3	<10	0.34	9	28.7	6.90	52.0	53.0	89.0	2.2	3.67
50330	4.00	<1	6580	>10000	4.7	<10	0.72	18	32.6	8.28	58.1	59.6	99.8	2.1	4.14
50331	4.68	<1	7500	>10000	5.5	<10	0.64	<5	29.6	8.01	45.4	38.9	85.5	2.6	3.96
50332	3.98	<1	5860	2570	10.2	<10	0.67	5	29.0	12.70	24.0	24.5	93.4	4.2	4.34
50333	6.50	<1	7740	2330	6.8	<10	0.86	<5	17.05	7.40	17.30	21.7	72.3	4.3	2.32
50334	8.00	<1	3310	923	8.5	<10	0.63	<5	24.9	8.94	19.40	15.4	65.1	3.3	3.50
50335	5.78	<1	4950	223	2.2	<10	1.19	58	5.36	2.02	4.22	18.3	14.10	3.4	0.75
50336	3.36	<1	5340	>10000	8.9	<10	0.38	30	32.4	7.01	68.0	58.3	118.5	3.9	3.88
50337	3.94	<1	6620	663	6.8	<10	0.76	12	17.65	6.43	12.75	15.4	42.8	4.2	2.48
50338	4.14	<1	>10000	1725	5.6	<10	0.93	33	18.55	7.31	16.55	17.8	62.6	2.2	2.55
50339	2.98	<1	7730	3130	5.3	<10	0.81	16	26.7	11.55	22.9	24.4	96.7	3.2	3.89
50340	3.22	<1	4160	9210	8.7	<10	0.39	41	34.8	10.60	41.3	47.4	73.1	1.9	5.12
50341	3.32	<1	4080	3870	9.9	<10	0.37	<5	25.9	12.10	26.2	28.2	111.0	3.6	3.69
50342	5.94	<1	9850	1235	9.5	<10	0.78	<5	20.9	8.80	15.80	16.4	56.8	5.1	3.22
50343	4.76	<1	8830	592	9.1	<10	0.97	10	14.95	5.57	11.55	17.0	36.3	6.6	2.19
50344	3.24	<1	6050	611	12.8	40	1.81	<5	18.70	6.91	13.60	18.7	43.9	8.0	2.66

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 2 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50304	356	0.47	<2	40.5	398	7	26	100.5	88.2	66.4	2	3160	1.9	5.19	32.1
50305	143.5	0.24	<2	21.1	177.5	5	19	44.5	104.5	29.6	1	1840	1.2	2.41	14.95
50306	278	0.46	<2	37.4	345	7	25	85.1	88.0	58.1	2	2940	2.0	4.68	27.6
50307	257	0.36	<2	28.8	303	11	16	76.2	86.9	51.0	2	2870	1.5	3.96	23.9
50308	53.8	0.10	<2	11.2	70.3	<5	14	17.45	113.0	11.80	1	620	0.6	0.94	6.95
50309	280	0.45	<2	33.3	344	6	17	86.3	98.6	57.6	2	2450	1.8	4.59	30.4
50310	318	0.49	<2	35.1	392	8	17	96.4	85.6	65.8	2	3020	1.8	5.27	35.0
50311	260	0.46	<2	33.7	318	7	24	77.9	82.9	54.8	3	2860	2.2	4.38	26.6
50312	213	0.36	<2	26.2	275	6	18	67.0	87.2	47.2	2	2930	1.3	3.70	20.7
50313	258	0.44	<2	34.6	340	7	23	82.7	90.2	58.8	2	2850	1.7	4.58	39.3
50315	236	0.40	<2	32.4	312	7	20	76.7	78.2	54.1	2	3560	1.6	4.16	23.3
50316	81.0	0.11	<2	9.1	81.2	<5	9	21.4	114.0	12.55	1	835	0.5	0.98	8.16
50317	55.0	0.11	<2	8.9	75.1	<5	6	18.60	109.0	12.60	1	556	0.5	0.99	16.85
50318	224	0.41	<2	33.1	306	5	16	75.4	91.4	51.7	2	2730	1.6	4.10	29.6
50319	147.5	0.24	<2	20.1	182.5	6	17	45.8	97.5	31.1	1	1870	0.9	2.44	18.55
50320	167.5	0.27	<2	19.9	213	5	12	53.3	91.4	35.2	1	1580	1.1	2.71	20.00
50321	245	0.38	<2	31.5	310	6	20	76.3	94.2	52.5	2	3120	1.6	4.06	24.9
50322	174.0	0.36	<2	34.3	251	5	28	60.1	96.7	43.4	2	3300	1.7	3.47	18.90
50323	252	0.42	<2	36.9	311	5	24	76.5	90.3	53.0	2	3220	2.1	4.18	27.8
50324	76.3	0.17	<2	7.8	85.7	<5	11	21.5	148.0	13.55	1	843	0.8	1.09	43.3
50325	363	0.47	<2	27.0	389	5	30	99.5	90.6	62.9	2	3320	1.6	4.94	36.9
50326	300	0.33	<2	7.2	253	<5	39	88.0	108.5	39.1	1	4720	0.4	3.26	18.30
50327	9260	0.48	<2	17.0	3880	<5	75	>1000	107.0	310	1	6300	0.4	7.51	269
50328	396	0.37	<2	27.7	357	<5	78	93.6	132.5	61.5	1	5250	0.7	5.20	56.6
50329	>10000	0.51	<2	9.8	4680	<5	52	>1000	34.3	342	1	6950	0.2	7.50	359
50330	>10000	0.57	<2	11.3	5230	<5	60	>1000	83.7	384	1	6420	0.2	8.65	422
50331	7640	0.57	<2	6.3	3310	<5	58	>1000	86.7	279	1	6390	0.1	7.69	191.5
50332	1525	0.80	<2	9.5	891	<5	43	261	82.1	114.0	2	4500	0.3	8.36	26.3
50333	1400	0.41	<2	10.6	733	<5	52	225	98.5	85.8	1	6050	0.7	5.72	32.7
50334	374	0.64	<2	15.2	494	<5	31	120.5	75.8	84.4	2	4440	0.8	6.72	28.9
50335	101.5	0.17	<2	10.3	109.5	<5	24	28.0	156.0	17.70	1	1460	0.6	1.41	10.65
50336	>10000	0.51	<2	10.3	5550	<5	47	>1000	50.1	458	1	6830	0.6	9.44	240
50337	3300	0.47	<2	10.7	308	<5	33	78.1	105.5	53.3	1	4230	0.4	4.54	13.70
50338	973	0.35	<2	22.4	579	<5	89	172.0	128.5	73.8	1	5460	0.5	5.48	31.1
50339	1895	0.68	<2	20.3	916	<5	47	294	110.5	106.5	1	5450	0.4	7.96	61.2
50340	5950	0.82	<2	14.9	2590	<5	64	890	46.5	246	1	7170	0.3	8.10	160.0
50341	2580	0.56	<2	12.7	1270	<5	42	400	37.3	140.0	1	6380	0.2	9.29	52.0
50342	737	0.53	<2	9.5	497	<5	42	143.5	109.0	71.3	1	5350	0.4	5.70	25.1
50343	315	0.36	<2	24.1	295	<5	45	79.0	127.0	50.7	2	4760	1.3	3.99	17.90
50344	283	0.43	<2	32.1	336	42	36	85.5	130.5	58.9	2	3650	1.5	4.74	19.75

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 2 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VAI0146612**

Method Analyte Units LOR	ME-MS81 Ti ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50304	0.7	0.63	7.60	119	<1	74.2	173	225	52.5	10.05	7.22	13.65	2.65	3.54
50305	0.8	0.31	4.07	53	<1	34.8	89	170	59.4	12.45	3.92	6.03	1.19	4.29
50306	0.7	0.58	7.10	107	27	68.6	180	251	53.1	10.10	6.92	13.55	2.56	3.64
50307	0.7	0.48	5.13	98	<1	57.8	181	244	54.7	10.45	6.22	12.00	2.34	3.63
50308	0.9	0.12	1.88	23	<1	12.8	52	48	67.9	12.70	1.92	2.45	0.51	4.63
50309	0.8	0.58	9.29	106	<1	65.9	157	207	55.2	10.10	6.66	11.75	2.48	3.80
50310	0.7	0.62	8.93	126	<1	74.9	167	220	52.0	9.12	7.65	14.35	2.97	3.31
50311	0.7	0.56	8.04	111	<1	68.4	203	203	55.6	10.30	6.90	11.85	2.52	3.72
50312	0.7	0.46	5.77	87	<1	55.4	124	244	55.8	11.40	5.53	10.60	2.07	4.01
50313	0.8	0.57	8.02	112	<1	67.6	156	199	53.4	10.45	6.81	11.50	2.58	3.41
50315	0.7	0.51	5.65	113	<1	62.4	148	158	54.1	11.00	6.93	11.50	2.62	3.35
50316	0.9	0.12	2.23	18	<1	12.8	54	58	66.6	13.90	1.70	1.93	0.32	4.86
50317	0.9	0.13	3.10	18	<1	13.8	60	132	67.3	13.80	1.98	1.78	0.34	5.03
50318	0.7	0.50	8.35	102	<1	58.7	155	222	56.1	11.40	6.41	10.05	2.23	4.17
50319	0.7	0.30	5.06	63	<1	36.0	99	136	63.1	12.25	3.94	6.11	1.28	4.69
50320	0.7	0.34	4.43	63	<1	38.6	101	133	63.2	11.85	4.19	6.33	1.38	4.54
50321	0.8	0.50	6.37	107	<1	59.9	146	187	55.2	11.20	6.48	10.30	2.37	3.85
50322	0.8	0.43	5.73	95	1	51.6	137	216	56.4	12.25	5.78	8.62	1.99	3.95
50323	0.8	0.53	7.07	111	<1	62.4	154	232	55.8	11.25	6.66	10.55	2.31	3.78
50324	1.0	0.16	7.70	27	1	17.8	45	108	68.2	12.50	2.17	2.76	0.59	4.16
50325	0.8	0.57	7.81	110	<1	70.6	165	222	52.2	10.45	7.24	12.75	2.66	3.53
50326	0.8	0.47	3.63	42	<1	53.5	91	172	47.5	13.40	3.55	13.70	1.17	3.85
50327	0.5	0.75	32.3	46	1	88.7	68	112	45.9	14.85	3.60	12.75	0.24	3.72
50328	0.9	0.68	72.7	11	<1	77.3	19	86	51.2	15.45	0.51	10.10	0.09	4.84
50329	<0.5	0.76	17.35	50	1	90.1	80	91	43.1	14.05	4.04	14.50	0.27	4.98
50330	0.5	0.84	22.4	61	1	102.0	85	89	43.1	13.75	4.32	14.35	0.26	3.70
50331	0.5	0.86	14.30	52	1	102.0	102	140	44.0	13.35	4.52	14.85	0.98	3.71
50332	0.6	1.18	8.74	77	<1	126.0	153	156	46.6	12.75	6.82	14.65	2.14	3.77
50333	0.8	0.58	6.70	49	<1	68.3	94	186	47.0	13.10	4.22	14.90	1.22	3.80
50334	0.6	0.87	9.76	79	1	102.5	119	168	38.3	7.26	5.58	24.2	1.93	2.63
50335	1.2	0.20	3.75	23	<1	21.5	52	146	61.7	15.05	1.83	3.48	0.50	4.53
50336	<0.5	0.73	21.5	61	1	90.7	81	206	45.5	15.30	4.69	11.10	0.29	4.62
50337	0.8	0.65	5.13	39	<1	74.3	81	174	46.6	12.20	3.56	15.55	0.94	3.87
50338	0.9	0.61	6.61	15	<1	72.4	42	79	51.5	15.20	0.82	11.05	0.06	4.45
50339	0.8	1.02	8.47	44	<1	113.0	61	120	47.5	13.15	2.91	15.10	0.42	4.01
50340	<0.5	1.27	12.95	57	<1	127.0	66	65	42.1	13.45	3.85	16.65	0.27	4.75
50341	0.85	0.85	9.08	74	<1	99.6	4.81	134	41.6	13.95	6.85	16.90	1.80	4.45
50342	0.7	0.80	6.15	69	<1	86.0	4.41	219	43.8	13.60	6.10	14.70	1.70	3.09
50343	0.9	0.54	5.46	65	<1	59.1	2.94	259	51.4	15.10	5.86	8.98	1.50	3.81
50344	0.9	0.62	7.61	77	<1	71.5	3.53	160	54.0	14.05	5.92	7.76	2.72	3.97

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 2 - D  
 Total # Pages: 3 (A - D)  
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Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	LOI %	OA-GRA05 %	TOT-ICP06 Total %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50304		4.20	<0.01	1.16	0.21	1.94	0.40	0.54	2.49		100.5			
50305		4.62	<0.01	0.54	0.11	0.87	0.24	0.32	2.40		96.4			
50306		4.00	<0.01	1.09	0.19	1.79	0.39	0.51	2.80		100.5			
50307		4.27	<0.01	0.96	0.17	1.67	0.35	0.48	2.49		99.7			
50308		4.83	<0.01	0.21	0.06	0.25	0.08	0.14	0.90		96.6			
50309		3.93	<0.01	0.99	0.19	1.79	0.32	0.48	1.59		99.3			
50310		3.79	<0.01	1.14	0.21	2.22	0.39	0.56	2.20		99.9			
50311		4.01	<0.01	0.98	0.19	1.87	0.36	0.52	1.70		100.5			
50312		4.45	<0.01	0.80	0.16	1.56	0.38	0.50	2.79		99.9			
50313		4.48	<0.01	1.04	0.18	1.94	0.35	0.55	2.40		99.1			
50315		5.01	<0.01	1.14	0.19	1.72	0.47	0.67	0.80		99.5			
50316		5.52	<0.01	0.19	0.05	0.16	0.11	0.19	0.20		95.7			
50317		5.23	<0.01	0.26	0.05	0.13	0.07	0.17	0.50		96.6			
50318		4.74	<0.01	1.01	0.18	1.36	0.37	0.54	1.37		99.9			
50319		4.40	<0.01	0.56	0.11	0.78	0.24	0.32	1.20		99.0			
50320		4.38	<0.01	0.65	0.12	0.86	0.21	0.32	1.30		99.3			
50321		4.74	<0.01	1.05	0.18	1.46	0.42	0.56	1.09		98.9			
50322		5.30	<0.01	1.03	0.16	1.07	0.44	0.58	1.10		97.7			
50323		4.83	<0.01	1.01	0.18	1.60	0.42	0.59	1.30		100.5			
50324		5.26	<0.01	0.18	0.05	0.47	0.11	0.18	0.10		96.7			
50325		4.41	<0.01	0.75	0.20	2.25	0.45	0.59	1.79		99.3			
50326		5.11	<0.01	0.18	0.11	1.11	0.63	0.74	9.10		100.0			
50327		4.09	<0.01	0.36	0.09	1.50	0.78	0.93	7.68		96.5			
50328		5.07	<0.01	1.42	0.06	1.42	0.63	0.89	7.09		97.7			
50329		1.65	<0.01	0.30	0.10	1.35	0.91	0.35	9.36		95.0			
50330		3.52	<0.01	0.34	0.11	1.45	0.80	0.72	8.60		95.0			
50331		3.67	<0.01	0.24	0.13	1.80	0.81	0.84	7.89		96.8			
50332		3.59	<0.01	0.36	0.17	2.07	0.62	0.67	6.00		100.0			
50333		4.52	<0.01	0.26	0.12	1.26	0.83	0.87	8.59		100.5			
50334		3.34	<0.01	0.37	0.18	2.46	0.61	0.37	12.20		99.4			
50335		6.77	<0.01	0.20	0.06	0.33	0.19	0.56	1.80		97.0			
50336		2.22	<0.01	0.29	0.10	0.90	0.83	0.58	6.29		92.7			
50337		4.72	<0.01	0.23	0.14	1.28	0.56	0.76	9.47		99.9			
50338		5.86	<0.01	0.35	0.04	1.38	0.74	1.23	7.94		100.5			
50339		4.92	<0.01	0.35	0.11	1.65	0.74	0.87	8.80		100.5			
50340		2.26	<0.01	0.30	0.11	1.85	0.90	0.47	10.45		97.4			
50341		2.14	<0.01	0.48	0.15	1.90	0.78	0.46	7.68		98.1			
50342		5.26	<0.01	0.31	0.14	1.78	0.66	1.10	8.27		100.5			
50343		5.94	<0.01	0.49	0.12	1.05	0.57	1.00	3.68		99.5			
50344		5.47	0.01	0.99	0.13	1.34	0.45	0.67	1.38		98.9			

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 3 - A  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	WEI 21 Recvd Wt. kg	ME-MS81 Ag ppm	ME-MS81 Ba ppm	ME-MS81 Ce ppm	ME-MS81 Co ppm	ME-MS81 Cr ppm	ME-MS81 Cs ppm	ME-MS81 Cu ppm	ME-MS81 Dy ppm	ME-MS81 Er ppm	ME-MS81 Eu ppm	ME-MS81 Ga ppm	ME-MS81 Gd ppm	ME-MS81 HF ppm	ME-MS81 Ho ppm
	0.02	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2	0.01
50345	4.80	<1	5670	494	5.3	10	1.11	11	11.55	4.41	8.82	18.2	28.6	6.6	1.68
50346	3.64	<1	4840	264	2.8	10	1.31	<5	8.22	3.08	6.38	17.3	20.4	5.8	1.18
50347	4.28	<1	6780	244	3.3	10	1.49	<5	8.38	2.96	6.54	16.7	19.25	5.9	1.21
50348	3.90	<1	6730	327	5.3	<10	1.34	<5	11.45	4.08	8.77	16.9	26.2	6.5	1.68
50349	4.60	<1	4410	766	9.9	10	0.90	<5	21.5	7.99	17.10	17.5	56.5	1.7	3.10
50350	4.60	<1	6670	321	4.5	10	1.30	<5	10.25	3.58	8.01	16.6	25.2	4.4	1.46
50351	3.94	<1	4550	299	4.5	10	1.14	<5	8.91	3.21	6.86	17.1	21.6	4.2	1.25
50352	3.70	<1	1240	109.5	2.1	20	1.69	<5	3.55	1.64	1.74	19.4	6.87	11.9	0.58
50136	4.02	<1	1250	108.0	2.0	10	1.73	<5	3.42	1.58	1.75	19.3	6.66	12.1	0.54
50137	4.20	<1	4970	539	13.3	10	1.03	386	17.75	6.26	13.45	17.6	42.6	8.3	2.53
50138	2.54	<1	1575	179.5	2.9	10	0.95	<5	5.84	2.26	4.22	22.4	13.05	8.8	0.86
50139	3.32	<1	1220	109.5	2.2	10	1.71	<5	3.54	1.60	1.70	20.1	6.58	11.0	0.58

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 3 - B  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Sample Description	Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50345		237	0.29	<2	21.5	245	8	29	64.9	133.5	39.3	1	3320	1.0	3.02	18.55
50346		107.5	0.23	<2	26.6	160.0	<5	19	39.6	138.5	28.3	2	1955	1.4	2.22	9.31
50347		99.3	0.22	<2	26.2	146.0	111	26	36.5	155.5	26.6	2	2430	1.5	2.21	8.37
50348		123.5	0.30	<2	34.8	215	<5	24	52.0	152.5	40.3	2	2610	1.8	3.02	10.75
50349		307	0.57	<2	25.7	467	<5	20	114.5	101.0	79.7	2	2480	1.4	5.97	32.4
50350		130.5	0.27	<2	27.6	195.0	<5	25	49.1	145.5	34.9	2	2740	1.5	2.66	12.80
50351		124.0	0.26	<2	18.8	173.5	<5	19	44.0	128.0	30.5	1	2050	1.1	2.42	12.85
50352		64.8	0.17	<2	11.2	46.9	<5	41	13.45	157.5	8.10	2	416	0.9	0.81	53.8
50136		53.2	0.17	<2	10.6	45.1	<5	42	13.00	156.0	7.68	2	404	0.8	0.76	64.1
50137		213	0.51	<2	37.4	336	12	23	82.6	117.5	59.9	2	2760	2.0	4.61	26.1
50138		59.7	0.19	<2	17.6	108.0	<5	8	27.6	134.0	19.15	1	525	0.5	1.56	13.80
50139		54.5	0.17	<2	11.3	46.3	<5	42	13.55	155.0	8.01	2	424	0.8	0.80	50.3

Comments: Samples with high rare earth metals will have low whole rock totals".





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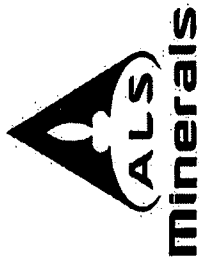
Page: 3 - C  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10-NOV-2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10146612**

Method Analyte Units LOR	ME-MS81 ppm	ME-MS81 Tm ppm	ME-MS81 U ppm	ME-MS81 V ppm	ME-MS81 W ppm	ME-MS81 Y ppm	ME-MS81 Yb ppm	ME-MS81 Zn ppm	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50345	0.8	0.40	5.39	39	<1	45.5	2.37	75	274	56.6	15.05	3.25	6.21	0.95	4.31
50346	1.0	0.28	4.21	37	<1	30.4	1.64	60	235	61.9	14.65	2.46	3.84	0.73	4.16
50347	1.1	0.28	4.61	40	<1	30.6	1.66	62	240	59.4	15.75	2.72	4.39	0.83	4.05
50348	1.1	0.37	4.86	62	<1	42.0	2.20	92	261	56.8	14.80	3.95	5.79	1.29	3.74
50349	0.9	0.72	8.05	107	<1	81.8	4.12	156	66	52.2	10.55	6.97	12.65	2.49	3.25
50350	1.1	0.34	4.80	54	<1	37.1	1.93	77	176	58.4	15.30	3.42	5.64	1.10	3.76
50351	0.8	0.30	4.04	52	<1	32.7	1.82	72	171	60.3	13.70	3.27	5.26	1.06	3.80
50352	1.1	0.19	9.37	17	<1	17.2	1.29	86	413	68.8	13.60	2.13	0.94	0.31	4.49
50136	1.1	0.20	11.90	18	<1	16.8	1.24	91	433	69.0	13.55	2.26	0.88	0.30	4.40
50137	0.9	0.60	9.82	96	<1	66.3	3.51	152	341	56.0	11.80	7.03	9.94	2.63	3.58
50138	1.1	0.23	8.02	27	<1	21.6	1.44	95	396	65.2	15.20	2.26	1.86	0.55	5.71
50139	1.0	0.19	12.20	17	<1	17.1	1.18	89	401	70.3	13.90	2.15	0.95	0.31	4.72

Comments: Samples with high rare earth metals will have low whole rock totals".



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Page: 3 - D  
 Total # Pages: 3 (A - D)  
 Finalized Date: 10- NOV- 2010  
 Account: MEDRES

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**CERTIFICATE OF ANALYSIS VA10146612**

Sample Description	Method Analyte Units LOR	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	OA-GRA05 %	TOT-ICP06 %	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
50345		6.22	<0.01	0.42	0.08	0.76	0.40	0.64	2.60		97.5			
50346		6.59	<0.01	0.58	0.06	0.35	0.24	0.54	1.19		97.3			
50347		7.47	<0.01	0.58	0.07	0.32	0.30	0.80	1.59		98.3			
50348		7.43	<0.01	0.74	0.10	0.55	0.31	0.75	2.39		98.6			
50349		5.24	<0.01	0.64	0.20	2.51	0.31	0.50	2.39		99.9			
50350		7.75	<0.01	0.65	0.09	0.59	0.34	0.77	2.50		100.5			
50351		6.47	<0.01	0.46	0.09	0.59	0.25	0.52	1.10		96.9			
50352		4.62	<0.01	0.26	0.04	0.06	0.05	0.14	1.60		97.0			
50136		4.70	<0.01	0.25	0.03	0.05	0.05	0.14	0.00		95.6	<0.001	<0.005	<0.001
50137		5.49	<0.01	0.89	0.19	1.15	0.34	0.57	1.60		101.0			
50138		5.34	<0.01	0.46	0.07	0.15	0.06	0.17	0.20		97.2			
50139		4.55	<0.01	0.26	0.04	0.06	0.05	0.14	0.30		97.7			

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Page: 1  
 Finalized Date: 16- NOV- 2010  
 Account: MEDRES

**CERTIFICATE VA10162006**

Project: Eden Lake  
 P.O. No.:  
 This report is for 25 Drill Core samples submitted to our lab in Vancouver, BC,  
 Canada on 4- NOV- 2010.  
 The following have access to data associated with this certificate:  
 WILLIAM H. BIRD  
 CARLOS KATSURAGI  
 DR. HAMID MUMIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing 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	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	38 element fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES

To: MEDALLION RESOURCES LTD  
 ATTN: WILLIAM H. BIRD  
 #1160- 595 HOWE ST.  
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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager

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.



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Page: 2 - A  
 Total # Pages: 2 (A - D)  
 Finalized Date: 16- NOV- 2010  
 Account: MEDRES

Project: Eden Lake

**CERTIFICATE OF ANALYSIS VA10162006**

Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS81 Ag ppm	ME- MS81 Ba ppm	ME- MS81 Ce ppm	ME- MS81 Co ppm	ME- MS81 Cr ppm	ME- MS81 Cs ppm	ME- MS81 Cu ppm	ME- MS81 Dy ppm	ME- MS81 Er ppm	ME- MS81 Eu ppm	ME- MS81 Ga ppm	ME- MS81 Gd ppm	ME- MS81 Hf ppm	ME- MS81 Ho ppm
50261	0.98	<1	5960	514	14.0	10	0.27	19	15.40	5.45	12.95	14.5	41.1	5.3	2.30
50262	0.86	<1	5630	693	13.9	10	0.82	<5	17.85	6.36	14.80	14.8	48.5	4.5	2.67
50263	0.82	<1	3520	773	11.5	10	0.70	6	16.75	6.19	14.10	17.5	48.0	5.3	2.53
50264	0.84	<1	5410	632	12.4	10	0.56	8	15.75	5.65	13.00	15.2	43.1	4.3	2.38
50265	0.98	<1	4620	700	12.2	10	0.42	<5	18.25	6.42	14.85	17.2	49.2	7.8	2.48
50266	0.92	<1	4690	654	11.4	10	0.66	<5	16.30	6.00	13.30	16.8	44.6	6.2	2.48
50267	0.88	<1	4640	574	11.7	10	0.50	17	15.15	5.53	12.25	17.3	39.8	7.0	2.32
50268	0.90	<1	6000	519	10.8	10	0.61	9	13.10	4.49	11.10	18.3	36.2	5.2	1.92
50269	1.00	<1	6040	508	10.8	10	0.76	9	16.75	5.86	13.40	16.4	42.6	6.5	2.49
50270	0.88	<1	4670	447	8.7	10	0.65	<5	13.50	4.85	10.75	18.9	34.7	8.2	2.03
50271	0.90	<1	5660	351	7.2	<10	0.85	5	11.50	4.01	8.84	16.7	28.6	6.3	1.72
50272	0.82	<1	4640	338	7.0	<10	0.85	8	10.25	3.77	7.91	15.6	25.5	4.8	1.60
50273	1.00	<1	4120	382	12.0	10	1.44	28	9.15	3.53	7.41	17.8	24.2	6.0	1.42
50274	1.04	<1	2940	494	28.2	90	0.40	46	13.95	5.31	10.95	15.1	36.2	8.7	2.17
50275	0.84	<1	6200	566	9.1	20	0.74	5	17.00	5.85	13.50	15.5	43.4	5.5	2.54
50276	0.94	<1	5620	472	10.0	<10	0.55	10	14.35	5.03	11.70	14.8	36.6	4.0	2.12
50277	0.90	<1	7310	540	11.3	10	0.63	12	15.05	5.12	12.80	14.4	40.5	4.0	2.26
50278	0.96	<1	3480	511	18.7	90	0.34	25	15.70	5.64	11.70	15.2	38.3	7.1	2.36
50279	0.86	<1	2540	538	17.4	70	2.08	18	9.37	3.62	7.58	20.9	26.2	5.6	1.47
50360	0.88	<1	1545	579	24.0	20	0.43	119	15.95	5.89	12.15	15.9	40.1	9.0	2.46
50361	0.90	<1	5750	836	18.2	10	0.54	17	21.8	7.79	17.20	15.5	55.9	6.0	3.32
50362	0.92	<1	6340	679	10.9	<10	0.49	14	18.00	6.37	14.70	13.9	47.9	4.6	2.72
50363	0.78	<1	5060	196.5	4.3	10	0.81	5	5.38	1.96	4.24	17.2	13.50	2.9	0.81
50364	0.78	<1	4750	221	7.6	10	0.60	<5	7.31	2.62	5.58	15.9	17.55	3.5	1.10
50365	0.88	<1	7220	465	14.2	10	0.75	24	13.65	4.77	10.85	14.4	34.5	4.8	2.01



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Finalized Date: 16-NOV-2010  
 Account: MEDRES

Project: Eden Lake

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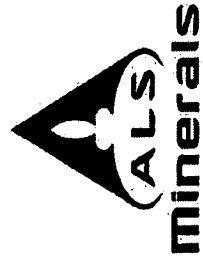
Method Analyte Units LOR	ME-MS81 La ppm	ME-MS81 Lu ppm	ME-MS81 Mo ppm	ME-MS81 Nb ppm	ME-MS81 Nd ppm	ME-MS81 Ni ppm	ME-MS81 Pb ppm	ME-MS81 Pr ppm	ME-MS81 Rb ppm	ME-MS81 Sm ppm	ME-MS81 Sn ppm	ME-MS81 Sr ppm	ME-MS81 Ta ppm	ME-MS81 Tb ppm	ME-MS81 Th ppm
50261	200	0.40	<2	34.8	303	<5	20	76.1	85.9	53.5	2	3890	1.7	4.18	18.20
50262	294	0.48	<2	32.3	372	<5	23	96.8	89.4	64.0	2	3940	1.6	4.78	29.0
50263	343	0.46	<2	25.0	381	<5	19	103.0	80.7	61.6	2	2560	1.3	4.57	31.7
50264	274	0.41	<2	30.1	334	<5	19	88.3	92.9	55.8	2	3690	1.4	4.31	26.9
50265	280	0.50	<2	43.7	378	<5	17	99.2	88.5	63.6	2	2150	2.1	4.91	41.2
50266	283	0.45	<2	35.6	340	<5	16	91.1	95.8	57.4	2	2790	1.7	4.41	42.8
50267	244	0.44	<2	41.4	305	<5	17	81.0	91.0	51.9	2	3140	2.2	4.02	39.7
50268	218	0.33	<2	30.0	283	<5	21	74.4	87.3	47.3	2	4350	1.7	3.56	28.9
50269	187.5	0.50	<2	41.8	312	<5	18	78.2	107.0	57.0	3	3510	2.4	4.43	27.2
50270	170.0	0.42	<2	36.7	262	<5	16	67.4	121.5	46.6	2	2290	1.9	3.58	28.6
50271	129.0	0.33	<2	35.6	213	<5	16	54.7	124.0	38.5	2	3010	1.8	2.97	19.45
50272	142.5	0.33	<2	22.8	187.5	<5	27	49.4	123.5	33.6	1	3080	1.2	2.63	19.20
50273	164.5	0.28	<2	21.6	197.0	10	29	53.4	124.0	31.9	2	3400	1.2	2.43	11.90
50274	190.5	0.52	<2	12.4	281	90	19	72.9	56.8	48.2	2	2070	0.6	3.73	27.0
50275	222	0.46	<2	41.3	330	12	21	84.1	104.5	58.1	2	3470	2.3	4.52	24.5
50276	179.0	0.37	<2	32.6	280	<5	16	70.9	101.0	49.8	2	3460	1.7	3.80	19.85
50277	226	0.37	<2	32.2	311	5	20	79.3	102.5	54.8	2	4080	1.7	4.06	17.20
50278	189.5	0.48	<2	31.8	296	73	15	77.8	78.6	51.9	2	2170	1.6	4.08	17.25
50279	280	0.26	<2	17.0	220	67	22	65.0	118.5	32.9	1	2330	0.8	2.49	19.10
50360	229	0.63	<2	30.2	311	45	13	82.5	59.0	53.8	2	1440	1.6	4.13	36.8
50361	355	0.56	<2	47.5	438	6	21	111.0	84.7	75.1	3	3760	2.3	5.77	29.9
50362	289	0.47	<2	35.5	372	<5	20	95.9	85.0	64.2	2	4840	2.0	4.86	20.5
50363	84.7	0.18	<2	13.9	109.5	<5	15	28.7	134.5	18.70	1	2290	0.8	1.40	14.05
50364	85.8	0.28	<2	31.7	135.0	5	16	34.6	114.5	24.6	1	2360	1.5	1.87	20.2
50365	185.5	0.37	<2	35.8	274	7	19	69.4	100.0	48.2	2	4510	2.1	3.65	14.85

Project: Eden Lake



**CERTIFICATE OF ANALYSIS VA10162006**

Method Analyte Units LOR	Sample Description	ME-MS81 Ti ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %
50261		0.7	0.47	5.40	102	<1	59.3	2.90	140	244	53.0	11.40	6.79	11.45	2.59	3.65
50262		0.6	0.56	8.01	104	<1	70.7	3.54	159	175	50.7	10.20	7.19	14.75	2.74	3.26
50263		0.5	0.52	7.89	80	1	66.1	3.41	148	193	53.3	9.83	6.16	12.75	2.26	3.91
50264		0.6	0.48	6.48	89	<1	61.6	2.89	136	181	52.0	10.85	6.21	13.25	2.30	3.37
50265		0.7	0.58	10.70	92	<1	68.5	3.62	173	297	54.7	11.30	6.94	9.61	2.29	4.14
50266		0.7	0.52	10.80	96	<1	63.4	3.25	151	260	53.9	11.15	6.59	10.45	2.32	3.69
50267		0.6	0.51	12.25	93	<1	60.2	3.20	156	278	54.5	11.55	6.65	9.54	2.22	3.97
50268		0.6	0.39	9.93	75	<1	50.2	2.47	148	189	54.1	12.65	5.66	8.89	2.06	4.40
50269		0.8	0.53	7.10	92	<1	63.0	3.35	135	249	53.6	12.35	6.51	8.90	1.97	3.45
50270		0.9	0.44	9.77	80	<1	51.1	2.87	140	345	57.1	13.00	5.75	6.88	1.66	4.45
50271		1.0	0.37	6.93	59	<1	42.2	2.35	110	252	57.8	14.35	4.51	5.67	1.35	4.42
50272		1.0	0.35	7.70	52	<1	40.8	2.31	102	192	55.4	14.20	4.92	6.63	1.69	4.42
50273		0.9	0.32	5.97	76	1	38.1	2.13	127	255	54.8	14.65	5.85	6.20	2.24	4.57
50274		0.5	0.50	8.11	117	<1	55.6	3.40	202	334	51.9	7.57	9.14	13.55	5.23	3.62
50275		0.8	0.54	6.96	86	<1	62.7	3.34	128	203	52.7	12.35	5.74	9.41	1.67	3.87
50276		0.8	0.43	4.81	79	<1	54.0	2.74	114	151	53.2	11.85	5.37	10.20	1.80	3.59
50277		0.7	0.45	4.66	85	<1	55.7	2.69	110	152	51.1	11.80	5.66	11.50	2.07	3.20
50278		0.6	0.52	5.50	107	<1	60.2	3.38	175	255	51.9	9.07	8.02	12.30	4.51	3.48
50279		1.0	0.32	6.59	67	<1	40.5	1.99	138	249	54.2	14.30	5.10	6.47	3.61	4.80
50360		<0.5	0.60	11.05	119	<1	61.9	4.10	236	331	52.5	7.87	10.20	13.15	4.42	3.91
50361		0.6	0.69	7.98	121	<1	64.6	4.19	165	225	50.6	10.35	7.87	12.05	2.74	3.57
50362		0.6	0.56	4.93	86	<1	69.4	3.49	120	176	47.8	10.20	5.85	16.40	2.16	3.27
50363		0.8	0.17	3.90	28	<1	20.7	1.22	63	117	59.4	15.95	2.37	3.33	0.70	5.08
50364		0.7	0.25	4.89	62	<1	27.4	1.82	121	138	57.7	14.15	4.77	5.58	1.48	4.73
50365		0.7	0.42	4.37	93	<1	52.4	2.61	113	180	53.3	12.70	6.33	9.10	2.01	3.58



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

To: MEDALLION RESOURCES LTD  
 1160-595 HOWE STREET  
 VANCOUVER BC V6C 2T5

Page: 2 - D  
 Total # Pages: 2 (A - D)  
 Finalized Date: 16-NOV-2010  
 Account: MEDRES

Project: Eden Lake

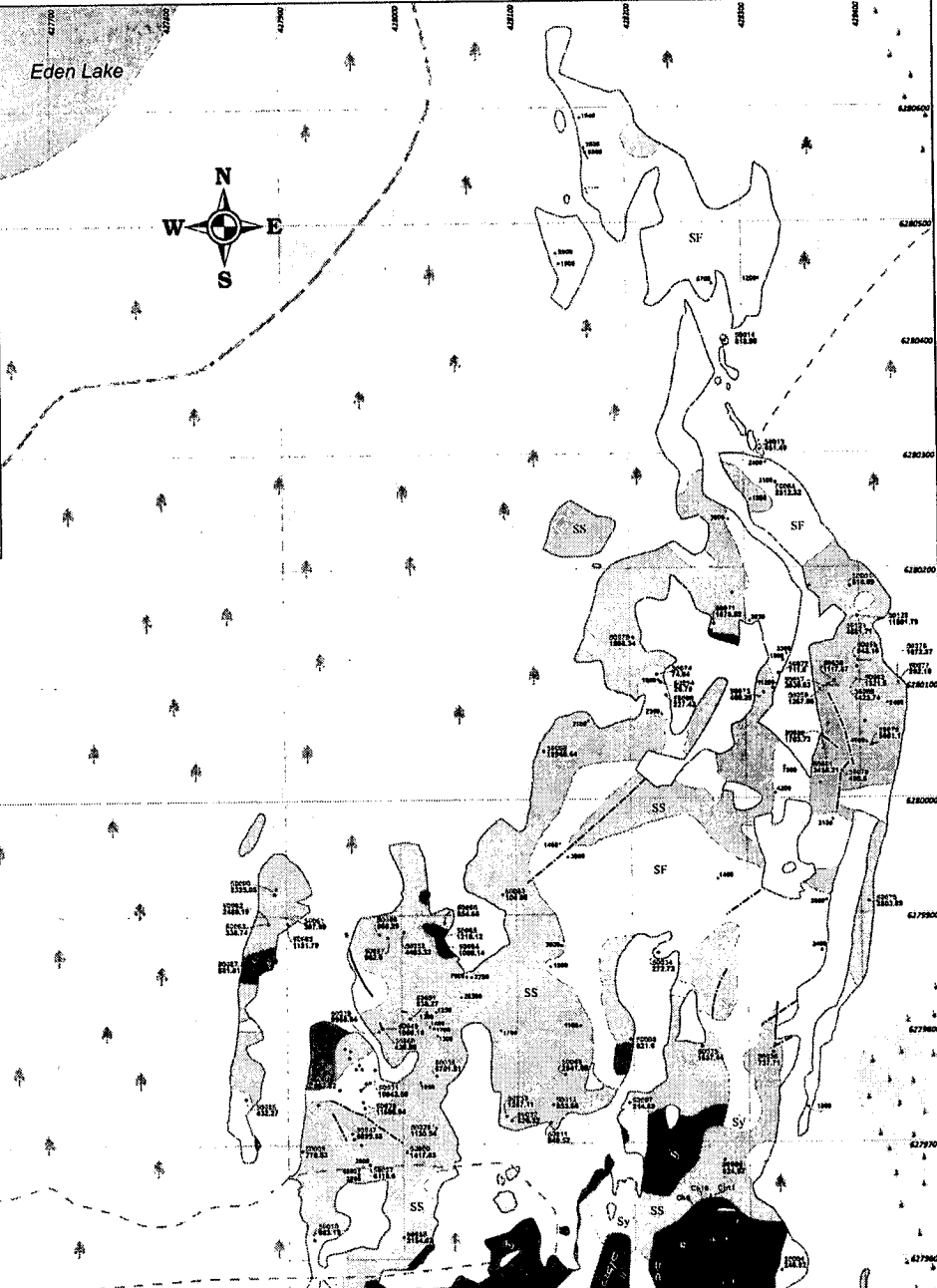
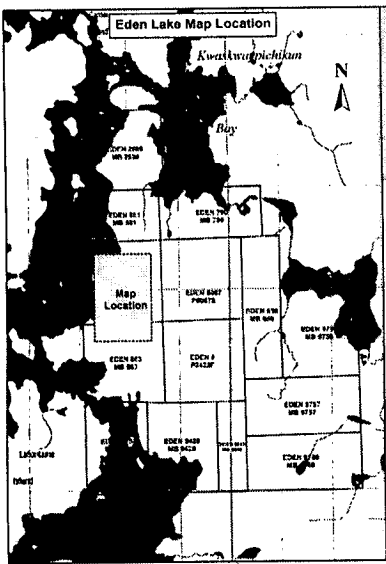
**CERTIFICATE OF ANALYSIS VA10162006**

Method Analyte Units LOR	Sample Description	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	ME-ICP06 LOI %	OA- GRA05 %	TOT- ICP06 Total %	PGM- ICP23 Au ppm	PGM- ICP23 Pt ppm	PGM- ICP23 Pd ppm
	50261	4.88	<0.01	1.14	0.17	1.50	0.48	0.72	2.09	99.9	99.9	0.001	<0.005	0.001
	50262	4.33	<0.01	1.01	0.19	2.11	0.49	0.70	3.26	101.0	101.0			
	50263	3.94	<0.01	0.68	0.18	1.91	0.32	0.44	3.17	98.3	98.3			
	50264	5.04	<0.01	0.90	0.17	1.80	0.45	0.67	3.41	100.5	100.5			
	50265	4.59	<0.01	1.07	0.20	1.42	0.27	0.59	0.79	97.9	97.9			
	50266	4.81	<0.01	0.95	0.18	1.74	0.35	0.60	0.88	97.6	97.6			
	50267	4.78	<0.01	1.02	0.18	1.32	0.38	0.59	0.30	97.0	97.0			
	50268	4.55	<0.01	0.89	0.15	1.22	0.51	0.74	1.38	97.2	97.2			
	50269	6.00	<0.01	1.02	0.18	0.84	0.43	0.73	0.99	97.0	97.0	0.001	<0.005	<0.001
	50270	5.74	<0.01	0.75	0.17	0.74	0.28	0.58	1.10	98.2	98.2			
	50271	6.50	<0.01	0.76	0.13	0.44	0.37	0.70	1.28	98.3	98.3			
	50272	6.04	<0.01	0.44	0.12	0.87	0.38	0.59	1.58	97.3	97.3	<0.001	<0.005	<0.001
	50273	5.49	<0.01	1.00	0.09	1.06	0.43	0.51	0.40	97.3	97.3	0.003	<0.005	<0.001
	50274	2.89	<0.01	0.39	0.23	1.46	0.26	0.35	0.98	97.4	97.4			
	50275	5.76	<0.01	0.89	0.17	0.91	0.44	0.76	2.57	97.2	97.2			
	50276	5.45	<0.01	0.91	0.14	1.16	0.44	0.70	2.77	97.6	97.6	<0.001	<0.005	<0.001
	50277	5.64	<0.01	0.93	0.15	1.50	0.52	0.88	2.85	97.8	97.8			
	50278	3.77	<0.01	0.83	0.20	1.14	0.27	0.42	1.00	96.9	96.9	<0.001	0.005	0.001
	50279	4.50	<0.01	0.68	0.10	0.89	0.29	0.31	1.59	96.8	96.8	<0.001	<0.005	0.001
	50360	2.81	<0.01	0.68	0.27	1.18	0.18	0.19	0.20	97.6	97.6	<0.001	<0.005	0.003
	50361	4.43	<0.01	1.24	0.21	1.79	0.48	0.71	1.39	97.4	97.4	<0.001	<0.005	<0.001
	50362	4.56	<0.01	0.84	0.17	1.60	0.60	0.77	5.86	100.0	100.0			
	50363	6.74	<0.01	0.26	0.07	0.26	0.27	0.62	1.19	96.2	96.2			
	50364	6.05	<0.01	0.58	0.15	0.27	0.29	0.58	1.19	97.5	97.5			
	50365	5.69	<0.01	1.06	0.15	0.86	0.55	0.89	1.29	97.5	97.5			

## Appendix 4

Eden Lake geology map with sample locations





### Eden Lake Geology

C. Katsuragi, A. Berg and S. Gleason 2010  
 Compilation: C. Katsuragi 2011

- >70% Syenite (intense feldspar alteration) fine to coarse grained with >30% pyroxene, 2 to 5% quartz & ilmenite in a feldspar/diabase matrix.
- >70% Syenite (strong feldspar alteration), 15 to 30% pyroxene, 1 to 5% calcite and 0.5 to 2% apatite to a fine to medium grained alkali feldspar matrix, zone with patches of pegmatite dykes.
- >70% Syenite (moderate feldspar alteration): 5 to 15% Ft, 0 to 1% apatite and 0 to 2% calcite in a fine grained alkali feldspar matrix.
- >70% Syenite (less altered): <5% Ft & ilmenite in a fine grained alkali feldspar matrix.

**Obs:** The above classification represents the alteration (f) and (g) categories. Zones are often restricted to a certain degree and control by cm to meter scale apatite and pegmatite, quartz, alkali feldspar dykes and veins.

**Other features:**

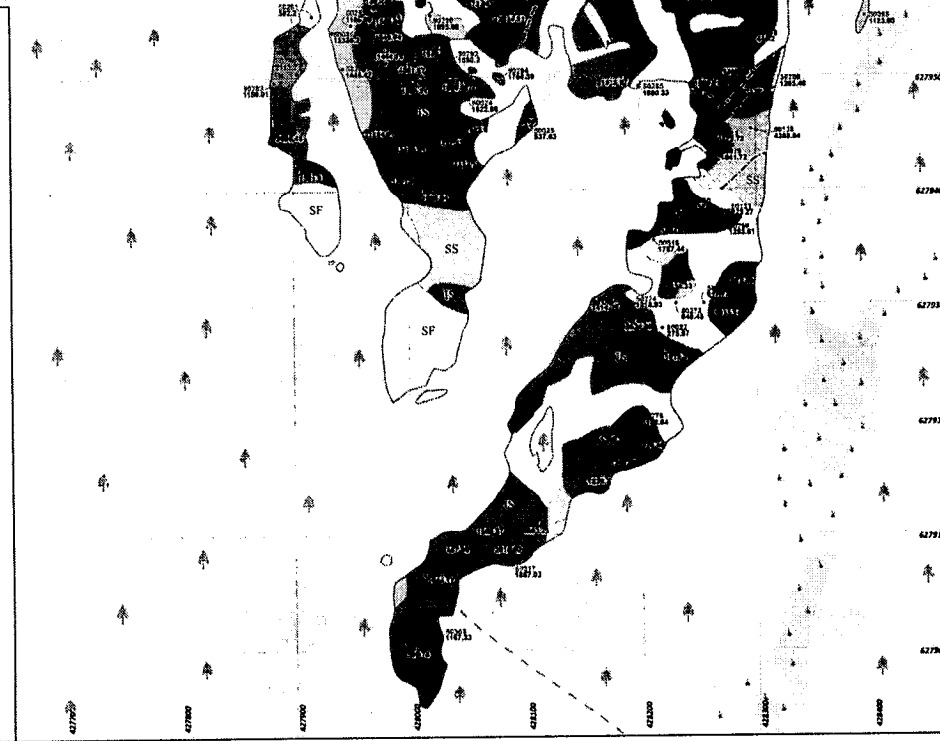
- Coniferous
- Marsh

**Symbols**

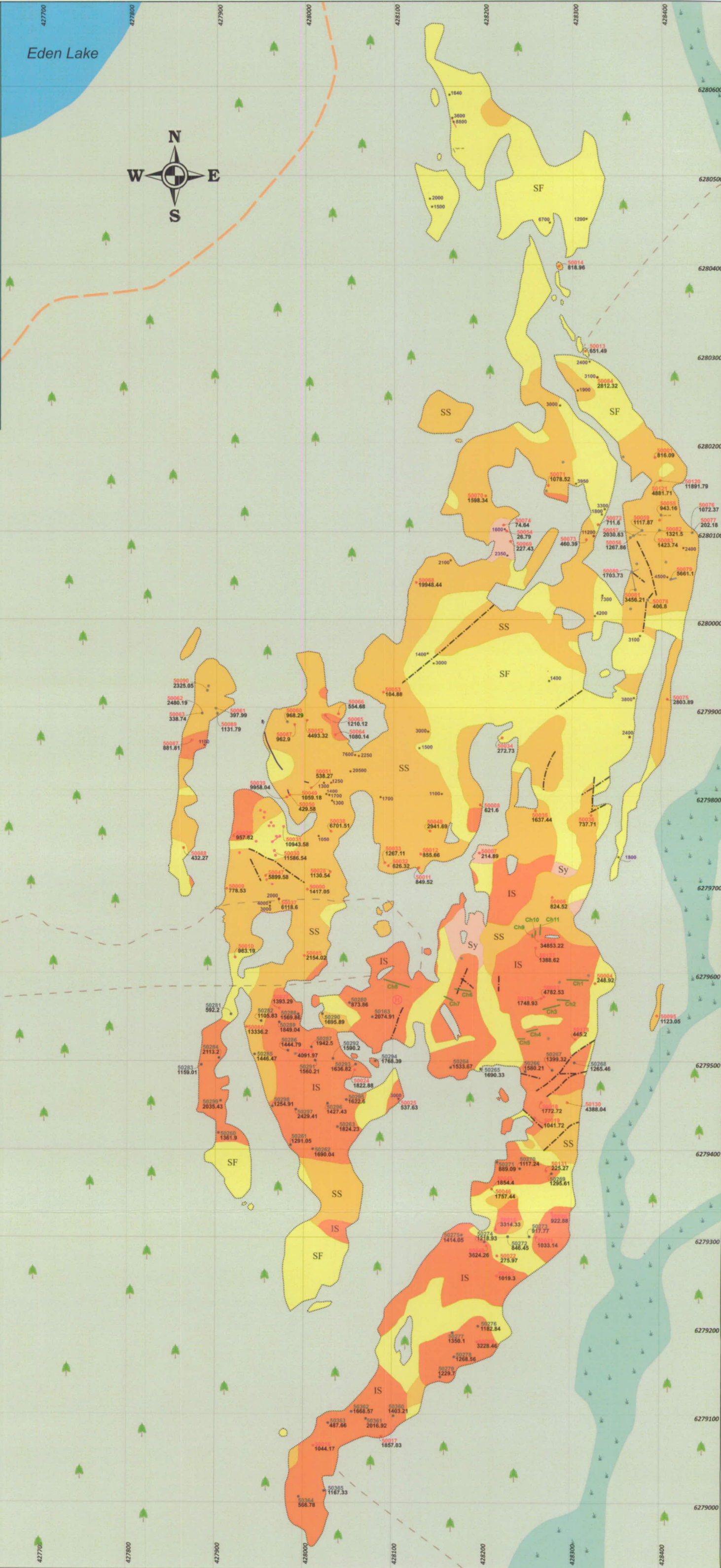
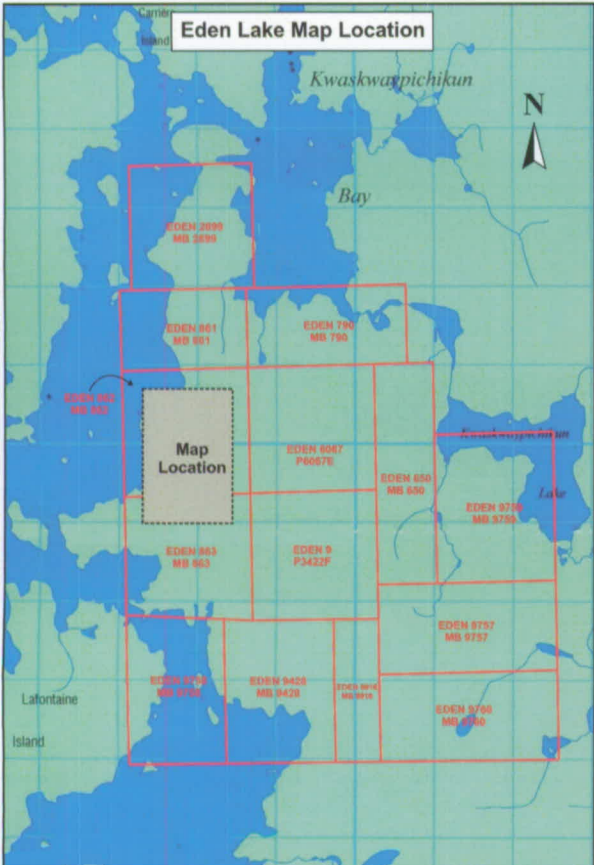
- Fresh sample location, assay number (left) and total REE value (black)
- Porosity (oil) sample location, assay number (green) and total REE value (black)
- Core of sample location
- Tourmaline (observed)
- Fault
- Contact
- Contact
- Fault vein
- Small silicate vein or pool
- Carbonate vein
- Small carbonate vein or pool
- Helipad
- Trail
- Water road

**Scale**

0 100 100  
 meters  
 NAD 83 / UTM Zone 11







### Eden Lake Geology

C. Katsuragi, A. Baig and S. Gleeson 2010  
 Compilation: C. Katsuragi 2011

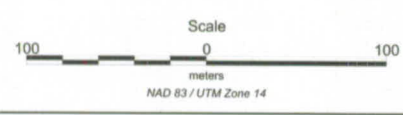
- IS** >70% Syenite (intense fenite alteration): fine to coarse grained with >30% pyroxene, 2 to 5% apatite ± titanite in a feldspar/calcite matrix.
- SS** >70% Syenite (strong fenite alteration): 15 to 30% pyroxene, 1 to 5% calcite and 0.5 to 3% apatites in a fine to medium grained alkali feldspar matrix, zone with patches of pegmatitic syenite.
- SF** >70% Syenite (moderate fenite alteration): 5 to 15% Px, 0 to 1% apatites and 0 to 2% calcite in a fine grained alkali feldspar matrix.
- Sy** >70% Syenite (least altered); <5% Px ± fluorite in a fine grained alkali feldspar matrix.

Obs: The above classification represents the dominant lithology/alteration. Zones are often intermixed to a certain degree and crosscut by cm to meter wide aplitic and pegmatitic quartz-alkali feldspar dikes and veins.

- Overburden
- Marsh

#### Symbols

- Grab sample location, assay number (red) and total REE value (black).
- Portable drill sample location, assay number (green) and total REE value (black).
- Channel sample location.
- Total radiation (counts/sec).
- Fault
- Outcrop
- Contact
- Mafic dike.
- Allanite vein.
- Small allanite vein or pod.
- Carbonatite vein.
- Small carbonatite vein or pod.
- Helipad
- Trail
- Winter road





64c 11 24

Medallion Resources Ltd.  
Manitoba Assessment Expenses - 2010

Salaries (Third Party or Consulting Services)			Reference #		
Name	Date	Invoice #	Reference #	Amount	
Hamid Mumin	May 18, 2010		1	3,200.00	
Hamid Mumin	June 18, 2010		2	4,800.00	
Hamid Mumin	June 18, 2010		2	12,000.00	
Hamid Mumin	August 9, 2010		3	9,800.00	
Hamid Mumin	November 27, 2010		4	1,600.00	
Carlos Katsuragi	May 19, 2010	1	5	5,090.00	
Carlos Katsuragi	May 31, 2010	2	6	1,065.00	
Carlos Katsuragi	June 30, 2010	3	7	10,500.00	
Carlos Katsuragi	July 31, 2010	4	8	10,850.00	
Carlos Katsuragi	August 31, 2010	5	9	10,850.00	
Carlos Katsuragi	September 30, 2010	6	10	10,500.00	
Carlos Katsuragi	October 22, 2010	8	11	7,700.00	
Applied Petrographics (Clark)	August 8, 2010	MD10-1	12	3,360.00	USD \$3,200
Anthony Mariano	September 16, 2010		13	5,250.00	USD \$5,000
Ayat Baig	June 30, 2010		14	5,700.00	
Ayat Baig	July 31, 2010		15	2,660.00	
Shane Gleason	July 31, 2010		16	2,280.00	
Shane Gleason	August 31, 2010		17	5,890.00	
David Lepage	August 31, 2010		18	5,000.00	
David Lepage	September 16, 2010		19	3,250.00	
Ronald Thomas	September 30, 2010		20	3,000.00	
Showtheplanet (C. Rawluk)	October 6, 2010		21	4,800.00	
Blue Heron (William Bird)	April 30, 2010		22	1,080.00	
Blue Heron (William Bird)	May 31, 2010		23	990.00	
Blue Heron (William Bird)	June 30, 2010		24	490.00	
Blue Heron (William Bird)	July 31, 2010		25	4,000.00	
Blue Heron (William Bird)	August 31, 2010		26	2,200.00	
Blue Heron (William Bird)	September 30, 2010		27	1,000.00	
Blue Heron (William Bird)	October 31, 2010		28	900.00	
Dennis Anderson	July 1, 2010		29	2,250.00	
				<u>142,055.00</u>	

**Transportation**

**Air Travel**

Supplier	Date	Invoice #	Reference #	Amount
Custom Helicopter	July 31, 2010	974	30	5,994.40
Kivalliq Air	July 26, 2010	1005204	31	11,714.29
				<u>17,708.69</u>

**Ground Transportation**

**Rental Vehicle**

Enterprise	June 25, 2010		33 and 33a	3,020.80	Net of GST
Enterprise	July 25, 2010		33 and 33b	3,020.80	Net of GST
Enterprise	August 24, 2010		36	3,020.80	Net of GST
Enterprise	September 23, 2010		37	3,020.80	Net of GST
Enterprise	October 25, 2010		38a and 38b	2,950.28	Net of GST
				<u>15,033.48</u>	

**Boat and Motor**

June 30, 2010	30		32	2,250.00	
July 31, 2010	31	100.00	33	2,325.00	
August 31, 2010	31	100.00	34	2,300.00	
September 30, 2010	30	100.00	35	2,250.00	
October 31, 2010	31	100.00	35	1,125.00	
				<u>10,250.00</u>	

**Total Transportation**

42,992.17

Medallion Resources Ltd.  
Manitoba Assessment Expenses - 2010

Geochemical Analysis Supplier	Invoice #	Reference #	Amount
ALS Canada	2117423	39	4,897.61
ALS Canada	2128741	40	185.40
ALS Canada	2155668	41	1,888.56
ALS Canada	2147906	42	2,142.54
ALS Canada	2169546	43	2,598.58
ALS Canada	2177496	44	1,360.10
ALS Canada	2140823	45	1,415.26
ALS Canada	2141069	46	1,196.72
ALS Canada	2153146	47	1,615.37
ALS Canada	2153266	48	2,572.91
			<u>19,873.05</u>
Geophysical Surveys	Mapping MDA	49	<u>12,671.15</u>
Total			<u>217,594.37</u>

217590.99