

RECEIVED  
GOVERNMENT AGENT  
COURTENAY  
  
JUN 16 2006  
  
NOT AN OFFICIAL RECEIPT  
TRANS # \_\_\_\_\_

**Geological and Geochemical Assessment  
of the  
Shayne Claim**

SHAYNE 509227, 2005/MAR/18, 464.93 ha

**RECEIVED**  
JUN 21 2006  
Gold Commissioner's Office  
VANCOUVER, B.C.

Alberni Mining Division

NTS 92F/2

Geographic centre of claim block

Lat: 49° 8'40"

Long: 124°41'50"

*Owner/Operator:* Michael Becherer

*Author:* P.E.M. Becherer, P. Geo.

*Date submitted:* June 16, 2006

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT BRANCH

2006

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## **Introduction**

### ***Location and Access, Land Ownership and Previous Work***

The claim is 10 km SE of Port Alberni (Map.1) and is accessed from the south along the Thistle Mine Road to Lizard Lake. From Lizard Lake west several logging roads access much of the area via the Lizard main, Lizard 400, Lizard 600, Lizard 700 branches. All of the land is private timberland owned by Island Timberlands and Timberwest.

The claim block covers 464.9 ha and was staked online (Mineral Titles Online) on March 18, 2005 by the writer.

The ground has been previously staked as the Diplodocus and Crinosaurus claims part of the Lizard Claim Group; F. Felder, 1982, UMEX, Mineral Resources Branch Assessment Report 10,401 and by R. Wilson and L. Bradish, 1984, Noranda Exploration Company Limited, Geological Branch Assessment Report 12,664. Both companies conducted geophysical and geochemical work in the area. However much of Union Miniere's and Noranda's work focused on the ground lying east of Lizard Lake, an area not covered by the present Shayne claim.

### ***Geography***

The Shayne claim covers the north and east slopes of Patlicant Mountain, Elevation 1236m, the headwaters of McLaughlin Creek, and the lowlands to the west of Lizard Lake. The area is covered by extensive logging slashes currently being re-forested. The second growth fir and alder present in the area has been logged intermittently over the past. Looking south-southwest from McLaughlin Ridge, Patlicant Mountain is distinguished from other nearby mountain tops by a cirque with near vertical bluffs in the background. (See Fig.1)

### ***Summary of work***

The present work involved 6 man-days of prospecting, sampling and geological mapping of the area. The objective was to identify mineralized outcrops worthy to investigate. A hand-held GPS was used for geographic location control. Exploration on the claim took place on August 18, September 5, 27 and November 2, 2005. Two days, in addition to field days were spent on report writing.

Ten rock samples collected of the rust stained intrusive rocks were analyzed for Au and 34 Element ICP. Analytical costs for Au and 34 element ICP-AES totaled \$320.00. The Chemex account of the writers company Mipoz Geological Inc. was used to pay for the analytical cost. The traveled kilometers added up to 2125km at \$0.40/km for a total allotted cost of \$850.00. Professional fees for 3 field days plus two report-writing at \$500/day amounted to \$2500.00. Prospector wages for three days prospecting and sampling work at \$150.00/day were \$450.00. The total cost of exploration work including field work, analytical work and report writing is \$4,120.00. These expenses are shown in Table 1.

### **Local and regional geology**

This area of central Vancouver Island is part of the Horne Lake Uplift where rocks of Permian to Devonian age, the Sicker Group Rocks, the oldest rocks of the Island are exposed near surface. Associated regional structures are the Beaufort Thrust and the Cameron River Fault. Locally at the eastern edge of the Shayne claim the north-south oriented Lizard-Williams Creek Fault marks a contact of juxtaposed Triassic Karmutsen Formation, Vancouver Group rocks against the Sicker Group.

### **Summary of mineralization**

No mineral occurrences of economic interest were found during the current work. The widespread pyrite mineralization encountered in the intrusive and sedimentary rocks probably originated as a result of contact metamorphism. At the north-eastern and eastern claim boundary several carbonate altered zones were recognized which warrant further investigations.

### **Claim Geology**

The claim is underlain by Triassic Karmutsen basalt and shale of the Cretaceous Haslam-Comox? Formation. These sedimentary and mafic volcanic rocks were intruded by hornblende-quartz diorite of the Island Intrusion of Middle to Upper Jurassic age. A more recent intrusive event during Tertiary times placed hornblende quartz diorite to porphyritic dacite on top of the shale of the Haslam Formation, (see Fig.2).

**Volcanic Rocks:** The Karmutsen basalts observed on the property are dominantly amygdaloidal flows, in general fresh looking rocks and locally weakly to strongly epidote altered. Epidote crystal and zeolite lined amygdules are relatively common. Minor, sparsely disseminated chalcopyrite and spots of chalcocite associated with calcite stringers were noted in an old trench in the south-eastern claim-area.

**Sedimentary Rocks:** In the vicinity of the south-end of Lizard Lake, remnants of sedimentary conglomerates (Benson member?) overlie the Karmutsen basalts. This conglomerate consists of poorly sorted cobble sized components within a crumbly grey fine to coarse grained matrix (see Fig.3). As a result of the competency contrast, this conglomerate has a low resistance when exposed to the weathering elements. Consequently this sedimentary unit undergoes rapid erosion. Black to grayish shale of the Haslam Formation is present in most of the northern half of the claim. The shale is of variable composition and ranges from silica altered argillitic shale to soft calcareous rich mudstone-shale. Within the calcareous shale, limestone concretions of 10 to 50 centimeter in size are abundant locally. Pyrite as fine stringers and disseminations is common and also shale with pyrite in the form of a crocodile skin like texture (dried mud) was observed. The local and less abundant crumbly calcareous mudstones are used as road top material by the logging companies. The strongly silica altered argillitic shale appears to be prospective for economic mineralization. For example, within the argillitic shale on the adjacent Grizzly claim to the north there are several closely spaced narrow calcite veins mineralized with semi-massive arsenopyrite and traces of gold.

This showing in McLaughlin Creek is near a spectacular waterfall of approximately 30 meters in height. There are several other waterfalls in the McLaughlin Creek drainage due to the relative erosion resistant argillitic shale in place.

**Intrusive Rocks:** Tertiary intrusive rocks occupy most of the central to south-western claim section. The composition of these intrusive rocks is fine to coarse grained hornblende rich diorite that grade into siliceous fine grained dacitic looking rocks. Locally these rocks have white alteration patches of kaolin. Within the dioritic to dacitic intrusive rocks, fine grained disseminated pyrite is present in contact aureoles. To the west of the Shayne Claim and in contact with the Tertiary intrusive are intrusive rocks of the Middle to Upper Jurassic Island Suite, hereof dominantly hornblende – quartz diorite composition. The contact between the Tertiary intrusive rocks and the Jurassic intrusive rocks was not checked in detail by the writer.

**Carbonate Altered Zones:** Carbonate altered faults or fault-zones accompanied by quartz veining which cut the intrusive rocks are prospective for epigenetic precious metal mineralization. While accessing the Shayne claim via the by the writer's company, Mineral Creek Ventures Inc., held adjacent claim block, such a set of carbonate altered faults cutting intrusive rocks was found by the writer, located at Latitude 49°09'02''N and Longitude 124°41'04''W (Fig. 4). Another carbonate and quartz – pyrite mineralized zone is located at the north-east boundary of the claim. This, several tens of meter wide and long, carbonate altered locality remains yet to be investigated.

## **Geochemical Analyses**

Rock chip samples were analyzed by ICP-AES for a suite of 34 major and trace elements, and for Au by AA-23 at ALS Chemex Labs in Vancouver. Ten rock chip samples were collected by Prospector Shayne Becherer and shipped by the writer, Mike Becherer to ALS Chemex. The analyses are listed in the appendix 3 and the samples are described in appendix 2 Table 2.

## **Interpretation and Conclusions**

Occurrences of economic mineralization were not found during the current work. The results of the geochemical work carried out in an area of intrusive rocks were negative. Sicker Group Rock-Types were not identified during current fieldwork, likely because of heavy brush cover and scarcity of outcrop. On Vancouver Island areas underlain by Sicker Group rocks are thought of as the most prospective to explore for volcanogenic hosted sulphide deposits. Also in the immediate region near Port Alberni several epigenetic gold showings were found in the past within Sicker Group rocks. Despite the fact that no definite Sicker Group Units were recognized during the current work, future work to concentrate exploration efforts on the easterly lying portion of the Shayne claim is recommended. The eastern boundary of the claim is near the contact between the Triassic Karmutsen basalts and the Pennsylvanian, Permian and Older Permian Sicker Group rocks. The Sicker Group here is bound by the Lizard – Williams Creek Fault. This fault strikes approximately N/S, a steep dip is assumed. However in reality the dip of the Lizard-Williams Creek Fault is unknown.

The existence of an unconformity is a possibility. Therefore Triassic Karmutsen Formation could overly Sicker Group Rocks along this contact. The Sicker Group Units trend in the area is NW/SE, projected. A wedge or slivers of Sicker Group Rocks ought to extend on to the Shayne claim. Another area of interest is the carbonate altered zone situated near the north-east corner of the claim. Survey work is required here initially to locate the property boundaries and showings. The carbonate altered fault zone hosted by the intrusive rocks and situated outside the perimeter of the present claim is to be considered by searching for the continuity and extend of this structure to the south towards the claim.

### **Summary of Exploration Work**

The SHAYNE Claim has been explored along most of the logging roads, and logging slashes. In total six man-days were spent with field -and two days office work. No occurrence of economic mineralization was discovered.

## **References**

F. Felder, 1982, Assessment Report on Rock Geochemistry Mapping and Resistivity on Lizard Claim Group, Lizard, Dinosaur, Crinosaurus Mineral Claims: Alberni Mining Division, NTS 92F/2. Assessment report 10,401 submitted to the Mineral Resource Branch.

R. Wilson, 1984, Report on Geology and Geochemistry on the Lizard Group: Alberni Mining Division, NTS 92F/2. Assessment report 12,664 Part 1 of 2 submitted to the Geological Branch.

L. Bradish, 1984, Report of Work Geophysical Surveys on the Lizard Property: Alberni Mining Division, NTS 92F/2. Assessment report 12,664 Part 2 of 2 submitted to the Geological Branch.

## STATEMENT OF QUALIFICATION

I, P.E. Michael Becherer of Black Creek, British Columbia, Canada hereby certify:

- 1) I am a registered PROFESSIONAL MEMBER of the Association of Professional Engineers and Geoscientists of British Columbia.
- 2) I have been practicing my profession as a geologist for 25 years, since 1981. I was an underground miner from 1967 to 1981.
- 3) I worked as a geologist at the Lynx Mine, Myra Falls B.C. for 12 years, between 1981 and 1993. Since 1993 I worked as a self employed geologist for several major and junior mining companies.
- 4) I staked the Shayne claim and therefore I have a personal interest in the Shayne claim.



P.E. Michael Becherer, P. Geo.

Signed this 12<sup>th</sup> day of June, 2006 at Black Creek, British Columbia







Fig.1: Patlicant Mtn.; Southwest-view from McLaughlin Ridge



Fig.2: Contact of Sedimentary and Intrusive Rocks ; Patlicant Mtn.,Shayne Claim,  
Alberni Mining Division



**Fig.3: Conglomerate(Benson member?)Shayne Claim, Alberni Mining Division**



**Fig.4: Hornblende-quartz-diorite and carbonate altered "Fault-zone" near north-west boundary of Shayne Claim, Alberni Mining Division**

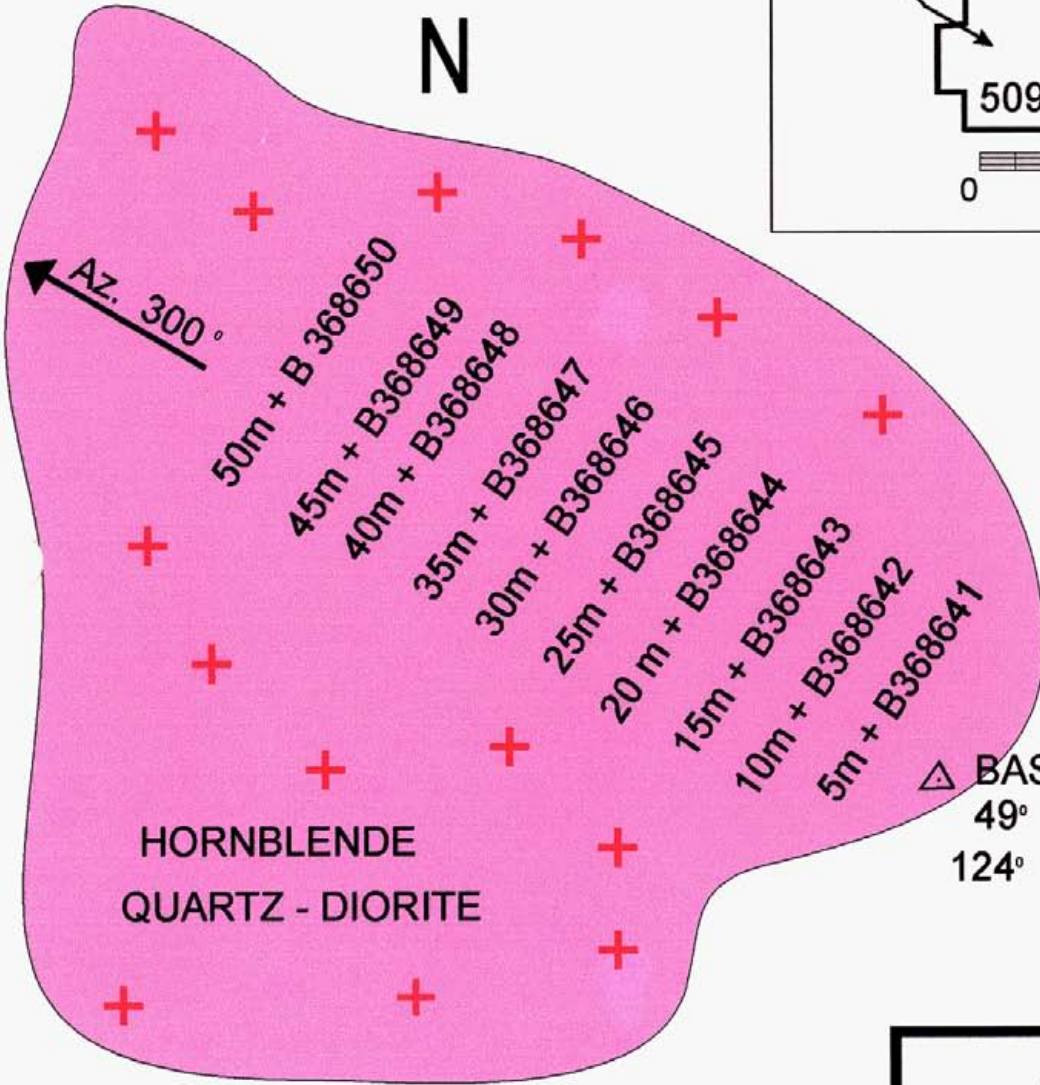


**CLAIM OUTLINE & REFERENCE**

**BASEPOINT**  
49° 08' 41" N  
124° 42' 22" W

509227

0 1.9km



△ BASEPOINT  
49° 08' 41" N  
124° 42' 22" W

**SHAYNE CLAIM**  
509227  
ALBERNI MINING DISTRICT  
SAMPLE LOCATION MAP  
MARCH 14, 2006

0 5 10 15 20 25  
Meters

By: Mike Becherer

## **Appendix 1: Itemized cost statement**

**Table 1.**

Subject	Units	Rate	Cost
Geologist	5 days	\$500.00/day	\$2500.00
Prospector	3 days	\$150.00/day	\$ 450.00
Analytical costs	10 samples		\$ 322.82
4x4 truck use	2125 kilometers	\$0.40/km	\$ 850.00
Total			\$4122.82

## **Appendix 2: Sample descriptions and remarks**

**Table 2.**

Location base point: UTM zone 10, NAD 83 ; 3755579 E, 5444957N, El. ~ 897 m

Latitude 49 08 41 N, Longitude 124 42 22 W

The samples were taken from the baseline point at 5 meter intervals at an Azimuth of 300° degrees (North-west direction from the base-point)

Sample #	Location	Description	Fe %	Cu ppm	Other ppm
B368641	Az: 300° 5m	Moderately to strongly rust stained fine grained quartz-rich intrusive rock, traces of fine grained disseminated pyrite	4.21	79	Au 0.01
B368642	Az: 300° 10m	Strongly rust coated fine grained intrusive rock	2.88	27	
B368643	Az: 300° 15m	Moderately rust stained fine grained quartz-rich intrusive rock	3.44	36	Zn 54
B368644	Az: 300° 20m	Medium grained quartz-diorite	3.00	21	
B368645	Az: 300° 25m	Moderately rust stained fine grained intrusive rock, quartz-diorite?	2.69	19	
B368646	Az: 300° 30m	Hornblende diorite, hornblende needles to 5 mm size	4.03	29	Ba 80
B368647	Az: 300° 35m	Fresh looking fine grained intrusive rock	2.55	1	Cr 27
B368648	Az: 300° 40m	Very fine grained rock, slight rust staining along fracture planes	3.23	50	Co 9
B368649	Az: 300° 45m	Strongly rust stained fine grained intrusive rock	3.57	23	
B368650	Az: 300° 50m	Strongly rusty-weathered , "burned looking" rock	3.84	174	Ba 70

## ***Appendix 3: Certificates of Geochemical Analysis***





**NOTIFICATION OF RECEIPT OF  
SAMPLES  
VA06001605**

Print date : Jan 06, 2006

Client Code : MIGEOL

Page 1 of 2

**To:**

Mipoz Geological Inc  
Mipoz Geological Inc.  
1698 Constitution Road  
Black Creek BC  
Canada V9J 1G2

**WO Billing address:**

Mipoz Geological Inc  
Mipoz Geological Inc.  
1698 Constitution Road  
Black Creek BC  
Canada V9J 1G2

**WORKORDER DISTRIBUTION**

<u>REPORT DESCRIPTION</u>	<u>DESTINATION PERSON</u>	<u>DELIVERY</u>
ALS Chemex Standard CSV format	Mipoz Geological Inc	Email
Work Order	Mipoz Geological Inc	Email
Certificate of analysis	Mipoz Geological Inc	Print
Invoice	Mipoz Geological Inc	Print

Samples submitted by:	Total Samples Received: 10
Project:	Pulp Disposition: Dump after 90 Days
P. O. #:	Reject Disposition: -
Sample Type: Rock	First Sample Description: B368641
Date Received: January 06, 2006	Carrier and Waybill:

**ANALYTICAL WORK REQUESTED:**

**PREP**

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

Analytes Requested: Recvd Wt.

**ANALYTICAL**

- 10 Au-AA23 Au 30g FA-AA finish  
Analytes Requested: Au  
IF Au >= 10.0 ppm THEN RUN METHOD Au-GRA21
- 10 ME-ICP41 34 Element Aqua Regia ICP-AES  
Analytes Requested:  
Ag,Al,As,B,Ba,Be,Bi,Ca,Cd,Co,Cr,Cu,Fe,Ga,Hg,K,La,Mg,Mn,Mo,Na,Ni,P,Pb,S,Sb,Sc,Sr,Ti,Tl,U,V,W,Zn  
IF Ag >= 100 ppm THEN RUN METHOD Ag-AA46  
IF Cu >= 10000 ppm THEN RUN METHOD Cu-AA46  
IF Mo >= 10000 ppm THEN RUN METHOD Mo-AA46  
IF Pb >= 10000 ppm THEN RUN METHOD Pb-AA46  
IF Zn >= 10000 ppm THEN RUN METHOD Zn-AA46



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

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

To: MIPOZ GEOLOGICAL INC.  
1698 CONSTITUTION ROAD  
BLACK CREEK BC V9J 1G2

**INVOICE NUMBER 1352769**

BILLING INFORMATION	
Certificate:	<b>VA06001605</b>
Sample Type:	<b>Rock</b>
Account:	<b>MIGEOL</b>
Date:	<b>16-JAN-2006</b>
Project:	
P.O. No.:	
Quote:	
Terms:	<b>Due on Receipt</b> C1
Comments:	

ANALYSED FOR			UNIT	TOTAL
QUANTITY	CODE	DESCRIPTION	PRICE	
1	BAT-01	Administration Fee	30.00	30.00
10	PREP-31	Crush, Split, Pulverize	6.00	60.00
5.66	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.30	1.70
10	Au-AA23	Au 30g FA-AA finish	12.00	120.00
10	ME-ICP41	34 Element Aqua Regia ICP-AES	6.50	65.00
10	GEO-AR01	Aqua regia digestion	2.50	25.00

To: **MIPOZ GEOLOGICAL INC.**  
ATTN: MIPOZ GEOLOGICAL INC  
1698 CONSTITUTION ROAD  
BLACK CREEK BC V9J 1G2

SUBTOTAL (CAD)	\$	301.70
R100938885 GST	\$	21.12
<b>TOTAL PAYABLE (CAD)</b>	<b>\$</b>	<b>322.82</b>

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :  
**ALS Chemex**  
 212 Brooksbank Avenue  
 North Vancouver BC V7J 2C1



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Page: 1  
Finalized L 16-JAN-2006  
Account: MIGEOL

## CERTIFICATE VA06001605

## SAMPLE PREPARATION

Project:

P.O. No.:

This report is for 10 Rock samples submitted to our lab in Vancouver, BC, Canada on 6-JAN-2006.

The following have access to data associated with this certificate:

MIPOZ GEOLOGICAL INC

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-ICP41

34 Element Aqua Regia ICP-AES

ICP-AES

Au-AA23

Au 30g FA-AA finish

AAS

To: MIPOZ GEOLOGICAL INC.  
1698 CONSTITUTION ROAD  
BLACK CREEK BC V9J 1G2

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:



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Page: 2 - A  
 Total Pages: 2 (A - C)  
 Finalized Date: 16-JAN-2006  
 Account: MIGEOL

## CERTIFICATE OF ANALYSIS VA06001605

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
B368641		0.20	0.010	<0.2	1.89	<2	<10	20	<0.5	<2	1.16	<0.5	15	9	79	4.21
B368642		0.68	<0.005	<0.2	2.52	<2	<10	20	<0.5	<2	0.97	<0.5	4	10	27	2.88
B368643		0.74	<0.005	<0.2	2.49	9	<10	20	<0.5	<2	1.07	<0.5	7	8	36	3.44
B368644		0.94	<0.005	<0.2	2.06	3	<10	20	<0.5	<2	0.52	<0.5	6	10	21	3.00
B368645		0.70	<0.005	<0.2	2.12	10	<10	20	<0.5	<2	0.93	<0.5	8	7	19	2.69
B368646		0.80	<0.005	<0.2	2.85	27	<10	80	<0.5	<2	0.33	<0.5	10	54	29	4.03
B368647		0.32	<0.005	<0.2	2.32	<2	<10	10	<0.5	<2	0.91	<0.5	8	23	1	2.55
B368648		0.60	<0.005	<0.2	2.21	8	<10	50	<0.5	<2	0.81	<0.5	9	12	50	3.23
B368649		0.26	<0.005	<0.2	2.12	8	<10	40	<0.5	<2	0.53	<0.5	3	11	23	3.57
B368650		0.42	<0.005	<0.2	2.63	10	<10	70	<0.5	<2	0.52	<0.5	8	13	174	3.84



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Page: 2 - B  
Total Pages: 2 (A - C)  
Finalized Date: 16-JAN-2006  
Account: MIGEOL

**CERTIFICATE OF ANALYSIS VA06001605**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
B368641		10	<1	0.11	10	1.22	482	<1	0.06	7	730	3	0.66	4	6	32
B368642		10	1	0.03	10	1.18	347	<1	0.15	3	740	3	0.02	<2	3	69
B368643		10	1	0.04	<10	1.22	399	<1	0.06	7	740	3	0.04	<2	4	32
B368644		10	<1	0.03	<10	1.11	449	<1	0.08	5	670	2	<0.01	<2	4	47
B368645		10	<1	0.03	<10	0.98	325	<1	0.10	6	700	2	0.02	<2	3	65
B368646		10	<1	0.08	<10	1.90	549	<1	0.03	26	560	<2	0.03	2	9	56
B368647		10	<1	0.02	<10	1.22	383	<1	0.18	20	510	<2	<0.01	<2	3	87
B368648		10	<1	0.05	<10	1.32	308	1	0.05	4	720	<2	0.21	2	5	28
B368649		10	<1	0.04	<10	1.30	275	<1	0.05	3	690	<2	0.01	2	4	58
B368650		10	1	0.10	<10	1.52	415	<1	0.08	9	750	2	0.12	<2	6	39



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.01	10	10	1	10	2
B368641		0.01	<10	<10	56	<10	35
B368642		0.12	<10	<10	57	<10	28
B368643		0.10	<10	<10	52	<10	54
B368644		0.11	<10	<10	57	<10	29
B368645		0.12	<10	<10	52	<10	29
B368646		0.09	<10	<10	73	<10	38
B368647		0.14	<10	<10	53	<10	20
B368648		0.12	<10	<10	62	<10	27
B368649		0.10	<10	<10	66	<10	28
B368650		0.08	<10	<10	67	<10	38