

CERTIFICATE OF ANALYSIS

Date Completed: 15 July 2013

ALSI File No: ALSI03082

Report on: Oil Analysis

Report to: **Globar Barrier Coatings, Inc**
1001 Calle negocio, Suite B
San Clemente, California, USA 92673

Attention: **Mr. Gordon Davies**

Date received: 18 June 2013

Date confirmed: 26 June 2013

Sampled by: Client

PT. ALS Indonesia

Reviewed by:



Sisca Nurhafifa
Laboratory Supervisor

ALS Indonesia

CERTIFICATE OF ANALYSIS



Batch : ALSI03082
Sample Matrix : WATER
Date of Issue : 15 July 2013
Client : Global Barrier Coatings, Inc

		SAMPLE IDENTIFICATION		
		No Sample		
		1		
		ALSI Sample I.D. ALSI0308225633		
		Client Sample I.D. MRA - Mining Release Agent		
		Date Sampled 11/Jun/13		
		Time Sampled 12:00		
ANALYSIS DESCRIPTION	UNIT	LOR	RESULTS	
Total Metals				
Arsenic	As	mg/Kg	1	<1
barium	Ba	mg/Kg	1	<1
Boron	B	mg/Kg	1	2
Cadmium	Cd	mg/Kg	1	<1
Chromium	Cr	mg/Kg	1	<1
Copper	Cu	mg/Kg	1	<1
Lead	Pb	mg/Kg	1	<1
Mercury	Hg	mg/Kg	0.01	0.02
Selenium	Se	mg/Kg	1	<1
Silver	Ag	mg/Kg	1	<1
Zinc	Zn	mg/Kg	1	3

LOR = Limit Of Reporting

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QUALITY CONTROL

ANALYSIS DESCRIPTION	Unit	LOR	CRM Matrix	Method Reference	Laboratory ID		
					Method Blank	Reference Material % Recovery	
Total Metals							
Arsenic	As	mg/Kg	1	Soil	APHA 3120 B	<1	101
barium	Ba	mg/Kg	1	Water	APHA 3120 B	<1	100
Boron	B	mg/Kg	1	Soil	APHA 3120 B	<1	104
Cadmium	Cd	mg/Kg	1	Soil	APHA 3120 B	<1	104
Chromium	Cr	mg/Kg	1	Soil	APHA 3120 B	<1	103
Copper	Cu	mg/Kg	1	Soil	APHA 3120 B	<1	103
Lead	Pb	mg/Kg	1	Soil	APHA 3120 B	<1	103
Mercury	Hg	mg/Kg	0.01	Water	APHA 3112 B	<0.01	98
Selenium	Se	mg/Kg	1	Soil	APHA 3120 B	<1	95
Silver	Ag	mg/Kg	1	Soil	APHA 3120 B	<1	106
Zinc	Zn	mg/Kg	1	Soil	APHA 3120 B	<1	105

Method Blank = A contaminant free sample that undergoes processing identical to that carried out for samples.

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Reference Material = Material whose properties are certified by a technically valid procedure issued by a certified body.