Australian Laboratory Services Arabia Co. Ltd.

P.O. Box 54605
Industrial Area 1, Phase 4, Street 62
Jeddah 21254
www.alsarabia.com

To: SAUDI GEOLOGICAL SURVEY
JEDDAH -AHMED BIN MOHAMMED AL ASHAB
ZIP CODE: 21514
JEDDAH 21514

Finalized Date: 11-MAR-2025
This copy reported on 13-MAR-2025
Account: SGSKSB

CERTIFICATE JD25047509

Project: SGSKSB

P.O. No.: JD-151-23-A2

This report is for 7 samples of Rock submitted to our lab in Jeddah, Saudi Arabia on 25-FEB-2025.

The following have access to data associated with this certificate:

JOHN BARRY	GEORGE BOADU	WASEEM DAHERI
ROY ELLIOTT	NANA EMERIC	ANWAR D. JAHDALI
TARIQ JAHLAN	ABDULRAHMAN OBAIDI	ANDRÉ OELOFSEN
WESSON REID	ANDRE VORSTER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	34 element four acid ICP-AES	ICP-AES

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.

***** See Appendix Page for comments regarding this certificate *****

Comments: Samples Submitted by: Wassem Daheri

Signature:



Abdulaziz Alzahran, Minerals Manager, ALS Arabia

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CERTIFICATE OF ANALYSIS JD25047509

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
KSBSS0923		1.06	0.01	<0.5	0.15	5	10	<0.5	<2	0.10	<0.5	1	103	8	0.57	<10
KSBSS0924		1.00	<0.01	<0.5	0.05	<5	20	<0.5	<2	0.19	<0.5	1	75	1	0.43	<10
KSBSS0925			<0.01	<0.5	0.04	<5	10	<0.5	<2	0.13	<0.5	<1	34	3	0.41	<10
KSBSS0926		1.03	<0.01	<0.5	0.15	7	10	<0.5	<2	0.04	<0.5	1	88	9	0.44	<10
KSBSS0927		1.23	<0.01	<0.5	1.05	<5	120	0.5	<2	0.43	<0.5	2	77	7	0.68	<10
KSBSS0928		1.36	<0.01	<0.5	0.51	<5	20	<0.5	<2	0.44	<0.5	1	78	3	0.87	<10
KSBSS0929		1.28	<0.01	<0.5	1.43	<5	140	<0.5	<2	0.31	<0.5	1	72	4	0.80	<10

Comments: Samples Submitted by: Wassem Daheri

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CERTIFICATE OF ANALYSIS JD25047509

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
KSBSS0923		0.03	<10	<10	0.10	82	9	0.01	8	10	30	0.01	<5	<1	8	<20
KSBSS0924		0.01	<10	<10	0.04	96	7	0.01	6	10	<2	0.01	<5	<1	9	<20
KSBSS0925		0.01	<10	<10	0.03	80	3	0.01	4	10	<2	0.01	<5	<1	6	<20
KSBSS0926		0.04	<10	<10	0.04	69	8	0.05	4	10	<2	0.01	<5	<1	5	<20
KSBSS0927		0.36	<10	<10	0.19	204	8	0.30	6	120	<2	0.01	<5	2	58	<20
KSBSS0928		0.08	<10	<10	0.13	166	7	0.15	5	70	<2	0.01	<5	1	16	<20
KSBSS0929		0.42	<10	<10	0.12	143	6	0.66	3	180	24	0.01	<5	2	30	<20

Comments: Samples Submitted by: Wassem Daheri

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CERTIFICATE OF ANALYSIS JD25047509

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2
KSBSS0923		<0.01	<10	<10	5	<10	18
KSBSS0924		<0.01	<10	<10	2	<10	2
KSBSS0925		<0.01	<10	<10	1	<10	3
KSBSS0926		<0.01	<10	<10	3	<10	5
KSBSS0927		0.06	<10	<10	14	<10	7
KSBSS0928		0.02	<10	<10	6	<10	12
KSBSS0929		0.08	<10	<10	9	<10	68

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Jeddah located at P.O. Box 54605, Jeddah, Saudi Arabia.

Applies to Method:			
Au-AA25	CRU-31	CRU-QC	LOG-22
ME-ICP61	PUL-31	PUL-QC	SPL-22Y
WEI-21			