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: 23-JAN-2025
This copy reported on 13-FEB-2025
Account: SGSKSB

QC CERTIFICATE JD25003259

Project: KSB_R_BAT_003

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

This report is for 158 samples of Rock submitted to our lab in Jeddah, Saudi Arabia on 4-JAN-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
LOG-24	Pulp Login - Rcd w/o Barcode
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: Elias Mtibilo

Signature:



Abdulaziz Alzahran, Minerals Manager, ALS Arabia

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method	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	ME-ICP61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
STANDARDS																
EMOG-17			68.1	4.72	598	280	1.8	4	1.98	20.5	784	55	8490	4.92	10	1.70
EMOG-17			68.7	4.73	586	180	1.8	6	1.95	20.3	758	58	8150	4.89	<10	1.70
EMOG-17			65.6	4.49	561	790	1.7	4	1.83	19.1	723	51	7950	4.66	10	1.60
EMOG-17			69.6	4.85	590	580	1.8	4	2.00	20.3	777	52	8510	5.04	10	1.66
Target Range - Lower Bound			60.4	4.18	517	310	0.7	<2	1.72	17.7	685	49	7740	4.42	<10	1.49
Upper Bound			75.0	5.13	643	440	2.9	10	2.12	22.7	839	62	8910	5.42	30	1.85
GBM321-8			3.6	7.54	55	1150	1.4	<2	3.74	2.0	28	138	3580	5.69	20	2.16
GBM321-8			3.7	7.52	59	1170	1.5	<2	3.93	2.3	28	143	3670	5.66	20	2.25
Target Range - Lower Bound			1.9	6.40	43	930	<0.5	<2	3.33	0.6	23	125	3380	4.98	<10	1.87
Upper Bound			4.2	7.84	69	1280	2.5	5	4.10	2.8	30	155	3890	6.10	40	2.31
OREAS 242		8.59														
OREAS 242		8.76														
OREAS 242		8.68														
OREAS 242		8.93														
OREAS 242		8.63														
OREAS 242		8.63														
OREAS 242		8.92														
Target Range - Lower Bound		8.14														
Upper Bound		9.20														
OREAS 45f			0.5	10.20	9	220	1.2	<2	0.10	<0.5	45	434	363	14.70	30	0.23
OREAS 45f			<0.5	10.45	6	220	1.2	<2	0.10	0.6	46	433	351	14.50	30	0.22
OREAS 45f			0.5	10.40	7	220	1.2	4	0.10	<0.5	43	406	343	14.60	30	0.18
Target Range - Lower Bound			<0.5	9.13	<5	170	<0.5	<2	0.07	<0.5	39	374	337	13.20	<10	0.19
Upper Bound			1.1	11.20	20	250	2.3	4	0.12	1.0	50	460	389	16.15	50	0.26
OREAS 602b			>100	5.91	965	120	1.8	60	0.70	5.4	5	37	5270	2.66	30	1.94
OREAS 602b			>100	5.41	890	220	1.7	54	0.68	5.0	5	35	4890	2.46	20	1.80
Target Range - Lower Bound			106.5	4.83	782	380	0.6	50	0.58	3.6	3	29	4610	2.26	<10	1.59
Upper Bound			100.0	5.93	966	540	2.8	66	0.73	6.1	7	38	5310	2.78	50	1.97
OREAS 905b		0.35														
OREAS 905b		0.37														
OREAS 905b		0.38														
OREAS 905b		0.40														
Target Range - Lower Bound		0.35														
Upper Bound		0.41														
OREAS L11b		0.33														
OREAS L11b		0.32														
OREAS L11b		0.32														

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

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	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
STANDARDS																
EMOG-17		20	30	0.97	761	1095	1.12	7830	820	7640	3.35	817	8	202	<20	0.32
EMOG-17		20	30	0.96	753	1065	1.10	7530	830	7390	3.33	801	8	191	<20	0.32
EMOG-17		20	30	0.90	713	1030	1.03	7340	780	6890	3.20	769	7	199	<20	0.31
EMOG-17		20	30	0.97	749	1090	1.11	7810	810	7500	3.36	809	8	209	<20	0.33
Target Range - Lower Bound		<10	<10	0.86	670	996	0.99	6820	700	6570	2.91	638	6	184	<20	0.28
Upper Bound		40	50	1.08	830	1220	1.23	8330	880	8030	3.57	874	10	227	50	0.36
GBM321-8		50	10	1.83	797	57	2.14	2240	970	2100	0.35	<5	17	283	<20	0.66
GBM321-8		50	10	1.86	814	63	2.18	2280	1010	2160	0.38	5	18	285	<20	0.68
Target Range - Lower Bound		30	<10	1.61	715	57	1.93	2020	880	1840	0.31	<5	14	258	<20	0.59
Upper Bound		80	30	1.99	885	72	2.38	2480	1100	2260	0.41	12	20	317	60	0.74
OREAS 242																
OREAS 242																
OREAS 242																
OREAS 242																
OREAS 242																
OREAS 242																
OREAS 242																
Target Range - Lower Bound																
Upper Bound																
OREAS 45f		10	20	0.21	230	1	0.06	267	280	14	0.03	<5	34	28	<20	1.04
OREAS 45f		20	20	0.22	225	2	0.06	258	300	13	0.03	6	36	27	<20	1.10
OREAS 45f		20	20	0.21	216	2	0.06	254	280	13	0.03	6	35	28	<20	1.08
Target Range - Lower Bound		<10	<10	0.20	193	<1	0.04	229	260	10	<0.01	<5	32	22	<20	0.96
Upper Bound		40	40	0.26	247	4	0.09	283	340	19	0.05	11	41	29	50	1.20
OREAS 602b		20	20	0.08	199	8	1.48	15	290	541	2.30	119	4	261	<20	0.17
OREAS 602b		20	20	0.07	188	7	1.36	15	280	499	2.13	109	3	237	<20	0.16
Target Range - Lower Bound		<10	<10	0.05	164	5	1.25	11	240	442	1.91	84	<1	233	<20	0.12
Upper Bound		40	40	0.10	212	10	1.55	17	320	544	2.35	126	6	287	50	0.18
OREAS 905b																
OREAS 905b																
OREAS 905b																
OREAS 905b																
Target Range - Lower Bound																
Upper Bound																
OREAS L11b																
OREAS L11b																
OREAS L11b																

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method / Analyte / Units / LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
				STANDARDS		
EMOG-17		<10	<10	71	<10	7650
EMOG-17		<10	<10	71	<10	7390
EMOG-17		<10	<10	67	<10	6990
EMOG-17		<10	<10	71	<10	7560
Target Range - Lower Bound		<10	<10	67	<10	6800
Upper Bound		20	20	84	20	8320
GBM321-8		<10	<10	136	<10	1070
GBM321-8		<10	<10	139	<10	1080
Target Range - Lower Bound		<10	<10	123	<10	961
Upper Bound		20	20	153	20	1180
OREAS 242						
OREAS 242						
OREAS 242						
OREAS 242						
OREAS 242						
OREAS 242						
OREAS 242						
Target Range - Lower Bound						
Upper Bound						
OREAS 45f		<10	<10	247	<10	35
OREAS 45f		<10	<10	244	<10	36
OREAS 45f		<10	<10	241	<10	31
Target Range - Lower Bound		<10	<10	227	<10	30
Upper Bound		20	20	279	20	41
OREAS 602b		<10	<10	16	10	832
OREAS 602b		<10	<10	15	10	760
Target Range - Lower Bound		<10	<10	13	<10	686
Upper Bound		20	20	19	40	842
OREAS 905b						
OREAS 905b						
OREAS 905b						
OREAS 905b						
Target Range - Lower Bound						
Upper Bound						
OREAS L11b						
OREAS L11b						
OREAS L11b						

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method	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	ME-ICP61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
STANDARDS																
Target Range - Lower Bound		0.28														
Upper Bound		0.34														
SQ87		29.9														
SQ87		31.9														
Target Range - Lower Bound		29.0														
Upper Bound		32.7														
BLANKS																
BLANK		0.02														
BLANK		0.01														
BLANK		0.01														
BLANK		0.01														
BLANK		<0.01														
BLANK		<0.01														
BLANK		<0.01														
BLANK		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Target Range - Lower Bound			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Upper Bound			1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	20	0.02

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

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	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
STANDARDS																
Target Range - Lower Bound																
Upper Bound																
SQ87																
SQ87																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<10	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<10	<10	<0.01	<5	1	<0.01	1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<10	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<10	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<10	<10	<0.01	<5	2	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<10	<10	<0.01	<5	1	<0.01	1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
Target Range - Lower Bound		<10	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
Upper Bound		20	20	0.02	10	2	0.02	2	20	4	0.02	10	2	2	40	0.02

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOD	10	10	1	10	2
STANDARDS						
Target Range - Lower Bound						
Upper Bound						
SQ87						
SQ87						
Target Range - Lower Bound						
Upper Bound						
BLANKS						
BLANK						
BLANK						
BLANK						
BLANK						
BLANK						
BLANK						
BLANK						
BLANK						
Target Range - Lower Bound						
Upper Bound						
BLANK		<10	<10	<1	<10	<2
BLANK		<10	<10	<1	<10	<2
BLANK		<10	<10	<1	<10	<2
BLANK		<10	<10	<1	<10	2
BLANK		<10	<10	<1	<10	<2
BLANK		<10	<10	<1	<10	<2
Target Range - Lower Bound		<10	<10	<1	<10	<2
Upper Bound		20	20	2	20	4

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method / Analyte / Units / LOD	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES																
ORIGINAL		2.76														
DUP		2.92														
Target Range - Lower Bound		2.69														
Upper Bound		2.99														
ORIGINAL		3.86														
DUP		4.35														
Target Range - Lower Bound		3.89														
Upper Bound		4.32														
ORIGINAL		16.95														
DUP		16.40														
Target Range - Lower Bound		15.85														
Upper Bound		17.50														
KSBTR0187		0.15														
DUP		0.14														
Target Range - Lower Bound		0.13														
Upper Bound		0.16														
KSBTR0227		0.06														
DUP		0.06														
Target Range - Lower Bound		0.05														
Upper Bound		0.07														
KSBSS0709			<0.5	0.11	<5	30	<0.5	<2	0.37	<0.5	<1	69	1	0.40	<10	0.04
DUP			<0.5	0.11	<5	30	<0.5	<2	0.38	<0.5	<1	82	<1	0.42	<10	0.04
Target Range - Lower Bound			<0.5	0.09	<5	20	<0.5	<2	0.35	<0.5	<1	71	<1	0.38	<10	0.03
Upper Bound			1.0	0.13	10	40	1.0	4	0.40	1.0	2	80	2	0.44	20	0.05
KSBSS0713		0.01														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
KSBSS0719			<0.5	0.27	<5	30	<0.5	<2	0.06	<0.5	<1	70	<1	0.45	<10	0.08
DUP			<0.5	0.25	5	70	<0.5	<2	0.06	<0.5	<1	62	<1	0.39	<10	0.08
Target Range - Lower Bound			<0.5	0.24	<5	40	<0.5	<2	0.05	<0.5	<1	62	<1	0.39	<10	0.07
Upper Bound			1.0	0.28	10	60	1.0	4	0.07	1.0	2	70	2	0.45	20	0.09

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBTR0187															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBTR0227															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0709	<10	<10	0.04	111	7	0.01	1	40	4	0.01	<5	<1	16	<20	0.01
DUP	<10	<10	0.04	115	8	0.01	1	40	3	0.01	<5	<1	16	<20	0.01
Target Range - Lower Bound	<10	<10	0.03	102	6	<0.01	<1	30	<2	<0.01	<5	<1	14	<20	<0.01
Upper Bound	20	20	0.05	124	9	0.02	2	50	4	0.02	10	2	18	40	0.02
KSBSS0713															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0719	<10	<10	0.03	61	7	0.12	<1	20	<2	0.01	<5	<1	3	<20	0.01
DUP	<10	<10	0.03	54	6	0.11	<1	20	<2	0.01	<5	<1	3	<20	0.01
Target Range - Lower Bound	<10	<10	0.02	50	5	0.10	<1	<10	<2	<0.01	<5	<1	2	<20	<0.01
Upper Bound	20	20	0.04	65	8	0.13	2	30	4	0.02	10	2	4	40	0.02

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method / Analyte / Units / LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
		DUPLICATES				
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBTR0187						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBTR0227						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBSS0709		<10	<10	4	<10	3
DUP		<10	<10	4	<10	2
Target Range - Lower Bound		<10	<10	3	<10	<2
Upper Bound		20	20	5	20	4
KSBSS0713						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBSS0719		<10	<10	3	<10	2
DUP		<10	<10	3	<10	2
Target Range - Lower Bound		<10	<10	2	<10	<2
Upper Bound		20	20	4	20	4

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES															
KSBSS0733	0.01														
DUP	<0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
KSBSS0742		1.7	0.08	<5	10	<0.5	<2	0.04	<0.5	1	61	153	0.53	<10	0.02
DUP		1.6	0.08	<5	10	<0.5	<2	0.04	<0.5	1	69	142	0.50	<10	0.02
Target Range - Lower Bound		1.1	0.07	<5	<10	<0.5	<2	0.03	<0.5	<1	61	141	0.48	<10	<0.01
Upper Bound		2.2	0.09	10	20	1.0	4	0.05	1.0	2	69	154	0.55	20	0.03
KSBSS0747		<0.5	0.30	89	40	<0.5	<2	0.24	<0.5	<1	33	1	0.36	<10	0.09
DUP		<0.5	0.29	83	40	<0.5	<2	0.23	<0.5	1	30	2	0.34	<10	0.09
Target Range - Lower Bound		<0.5	0.27	77	30	<0.5	<2	0.21	<0.5	<1	29	<1	0.32	<10	0.08
Upper Bound		1.0	0.32	95	50	1.0	4	0.26	1.0	2	34	2	0.38	20	0.10
KSBSS0758	<0.01														
DUP	<0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
KSBSS0775		<0.5	7.80	<5	460	5.1	<2	0.93	<0.5	<1	7	2	0.56	30	3.58
DUP		<0.5	7.50	<5	450	5.0	<2	0.89	<0.5	<1	7	2	0.55	20	3.46
Target Range - Lower Bound		<0.5	7.26	<5	410	4.3	<2	0.85	<0.5	<1	6	<1	0.52	<10	3.33
Upper Bound		1.0	8.04	10	500	5.8	4	0.97	1.0	2	8	3	0.59	40	3.71
KSBSS0780		<0.5	7.64	<5	270	1.1	2	6.08	0.8	46	201	46	7.96	20	0.78
DUP		<0.5	7.22	<5	260	1.1	3	5.77	0.6	45	192	43	7.48	20	0.74
Target Range - Lower Bound		<0.5	7.05	<5	240	<0.5	<2	5.62	<0.5	42	186	42	7.32	<10	0.71
Upper Bound		1.0	7.81	10	290	1.7	4	6.23	1.0	49	207	47	8.12	30	0.81
KSBSS0791	0.01														
DUP	0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
KSBSS0810		<0.5	0.12	<5	10	<0.5	<2	0.08	<0.5	1	68	1	0.55	<10	0.02
DUP		<0.5	0.12	<5	10	<0.5	<2	0.08	<0.5	<1	73	1	0.55	<10	0.02
Target Range - Lower Bound		<0.5	0.10	<5	<10	<0.5	<2	0.07	<0.5	<1	66	<1	0.51	<10	<0.01
Upper Bound		1.0	0.14	10	20	1.0	4	0.09	1.0	2	75	2	0.59	20	0.03

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
DUPLICATES															
KSBSS0733 DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0742	<10	<10	0.03	59	6	0.02	1	20	176	0.01	<5	<1	5	<20	0.01
DUP	<10	<10	0.02	55	6	0.02	2	20	164	0.01	<5	<1	5	<20	0.01
Target Range - Lower Bound	<10	<10	<0.01	49	5	<0.01	<1	<10	160	<0.01	<5	<1	4	<20	<0.01
Upper Bound	20	20	0.04	65	7	0.03	2	30	181	0.02	10	2	6	40	0.02
KSBSS0747	<10	<10	0.01	46	3	0.14	1	20	<2	0.01	<5	<1	15	<20	0.01
DUP	<10	<10	0.01	44	3	0.13	<1	20	2	0.01	<5	<1	14	<20	0.01
Target Range - Lower Bound	<10	<10	<0.01	38	2	0.12	<1	<10	<2	<0.01	<5	<1	13	<20	<0.01
Upper Bound	20	20	0.02	52	4	0.15	2	30	4	0.02	10	2	16	40	0.02
KSBSS0758 DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0775	<10	<10	0.05	290	<1	3.72	3	40	28	0.02	<5	1	439	<20	0.02
DUP	<10	<10	0.05	285	1	3.61	2	40	28	0.02	<5	1	427	<20	0.02
Target Range - Lower Bound	<10	<10	0.04	268	<1	3.47	<1	30	25	<0.01	<5	<1	410	<20	<0.01
Upper Bound	20	20	0.06	307	2	3.86	4	50	31	0.03	10	2	456	40	0.03
KSBSS0780	20	10	4.51	1100	1	2.40	166	1600	2	0.01	<5	20	438	<20	1.09
DUP	20	10	4.23	1035	1	2.27	156	1510	3	0.01	<5	19	412	<20	1.04
Target Range - Lower Bound	<10	<10	4.14	1010	<1	2.21	152	1470	<2	<0.01	<5	18	403	<20	1.00
Upper Bound	30	20	4.60	1125	2	2.46	170	1640	4	0.02	10	21	447	40	1.13
KSBSS0791 DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0810	<10	<10	0.04	75	6	0.04	2	30	2	<0.01	<5	<1	3	<20	0.01
DUP	<10	<10	0.04	76	6	0.04	2	30	2	<0.01	<5	<1	2	<20	0.01
Target Range - Lower Bound	<10	<10	0.03	67	5	0.03	<1	20	<2	<0.01	<5	<1	<1	<20	<0.01
Upper Bound	20	20	0.05	84	7	0.05	3	40	4	0.02	10	2	4	40	0.02

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method / Analyte / Units / LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
		DUPLICATES				
KSBSS0733						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBSS0742		<10	<10	4	<10	5
DUP		<10	<10	4	<10	5
Target Range - Lower Bound		<10	<10	3	<10	3
Upper Bound		20	20	5	20	7
KSBSS0747		<10	<10	2	<10	<2
DUP		<10	<10	2	<10	2
Target Range - Lower Bound		<10	<10	<1	<10	<2
Upper Bound		20	20	3	20	4
KSBSS0758						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBSS0775		<10	<10	1	<10	30
DUP		<10	<10	1	<10	29
Target Range - Lower Bound		<10	<10	<1	<10	26
Upper Bound		20	20	2	20	33
KSBSS0780		<10	<10	154	<10	120
DUP		<10	<10	146	<10	112
Target Range - Lower Bound		<10	<10	142	<10	108
Upper Bound		20	20	159	20	124
KSBSS0791						
DUP						
Target Range - Lower Bound						
Upper Bound						
KSBSS0810		<10	<10	5	<10	3
DUP		<10	<10	5	<10	3
Target Range - Lower Bound		<10	<10	4	<10	<2
Upper Bound		20	20	6	20	4

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES															
KSBSS0811	0.01														
DUP	0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
KSBSS0815		<0.5	0.07	25	10	<0.5	<2	0.21	<0.5	<1	59	2	0.59	<10	0.01
DUP		<0.5	0.07	26	10	<0.5	<2	0.22	<0.5	<1	52	1	0.58	<10	0.01
Target Range - Lower Bound		<0.5	0.06	19	<10	<0.5	<2	0.19	<0.5	<1	52	<1	0.55	<10	<0.01
Upper Bound		1.0	0.08	32	20	1.0	4	0.24	1.0	2	59	2	0.62	20	0.02
KSBSS0831	0.01														
DUP	0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
KSBSS0841	<0.01														
DUP	<0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
KSBSS0844		<0.5	6.17	<5	610	1.2	<2	8.74	<0.5	10	14	33	3.40	10	1.80
DUP		<0.5	6.19	<5	620	1.2	<2	8.64	<0.5	10	14	34	3.42	10	1.81
Target Range - Lower Bound		<0.5	5.86	<5	560	0.6	<2	8.25	<0.5	9	12	31	3.23	<10	1.70
Upper Bound		1.0	6.50	10	670	1.8	4	9.13	1.0	12	16	36	3.59	20	1.91
KSBSS0850		<0.5	3.77	<5	390	0.7	<2	2.49	<0.5	2	37	34	2.08	10	1.24
DUP		<0.5	3.68	<5	380	0.6	<2	2.41	<0.5	2	41	31	2.03	10	1.21
Target Range - Lower Bound		<0.5	3.53	<5	350	<0.5	<2	2.32	<0.5	<1	36	30	1.94	<10	1.15
Upper Bound		1.0	3.92	10	420	1.0	4	2.58	1.0	3	42	35	2.17	20	1.30
ORIGINAL	0.02														
DUP	0.01														
Target Range - Lower Bound	<0.01														
Upper Bound	0.02														
ORIGINAL	0.05														
DUP	0.05														
Target Range - Lower Bound	0.04														
Upper Bound	0.06														

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
DUPLICATES															
KSBSS0811															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0815	<10	<10	0.03	96	5	0.01	3	20	5	<0.01	<5	<1	5	<20	0.01
DUP	<10	<10	0.03	95	4	0.01	3	20	6	0.01	<5	<1	4	<20	0.01
Target Range - Lower Bound	<10	<10	0.02	86	3	<0.01	2	<10	3	<0.01	<5	<1	3	<20	<0.01
Upper Bound	20	20	0.04	105	6	0.02	4	30	8	0.02	10	2	6	40	0.02
KSBSS0831															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0841															
DUP															
Target Range - Lower Bound															
Upper Bound															
KSBSS0844	20	10	0.92	916	1	2.21	8	1170	15	0.01	5	12	483	<20	0.46
DUP	20	10	0.92	918	1	2.23	7	1190	20	0.01	<5	12	478	<20	0.47
Target Range - Lower Bound	<10	<10	0.86	866	<1	2.10	6	1110	15	<0.01	<5	10	455	<20	0.43
Upper Bound	30	20	0.98	968	2	2.34	9	1250	20	0.02	10	14	506	40	0.50
KSBSS0850	10	<10	0.23	376	3	0.96	7	630	19	0.01	<5	6	398	<20	0.24
DUP	10	<10	0.22	363	3	0.94	4	620	17	0.01	<5	5	386	<20	0.23
Target Range - Lower Bound	<10	<10	0.20	346	2	0.89	4	580	15	<0.01	<5	4	371	<20	0.21
Upper Bound	20	20	0.25	393	4	1.01	7	670	21	0.02	10	7	413	40	0.26
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
DUPLICATES					
KSBSS0811					
DUP					
Target Range - Lower Bound					
Upper Bound					
KSBSS0815	<10	<10	2	<10	2
DUP	<10	<10	2	<10	2
Target Range - Lower Bound	<10	<10	<1	<10	<2
Upper Bound	20	20	3	20	4
KSBSS0831					
DUP					
Target Range - Lower Bound					
Upper Bound					
KSBSS0841					
DUP					
Target Range - Lower Bound					
Upper Bound					
KSBSS0844	<10	<10	109	<10	62
DUP	<10	<10	107	<10	77
Target Range - Lower Bound	<10	<10	102	<10	64
Upper Bound	20	20	114	20	75
KSBSS0850	<10	<10	79	<10	16
DUP	<10	<10	77	<10	19
Target Range - Lower Bound	<10	<10	73	<10	15
Upper Bound	20	20	83	20	20
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description	Method	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	ME-ICP61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
DUPLICATES																
ORIGINAL		0.01														
DUP		0.04														
Target Range - Lower Bound		<0.01														
Upper Bound		0.04														
ORIGINAL		0.01														
DUP		0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
ORIGINAL		0.02														
DUP		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
ORIGINAL		0.03														
DUP		0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.03														
ORIGINAL			<0.5	0.86	11	240	1.2	<2	0.37	<0.5	1	35	33	1.25	<10	0.25
DUP			<0.5	0.86	11	240	1.1	<2	0.35	<0.5	1	36	35	1.21	<10	0.25
Target Range - Lower Bound			<0.5	0.81	<5	210	0.6	<2	0.33	<0.5	<1	33	32	1.16	<10	0.23
Upper Bound			1.0	0.91	17	270	1.7	4	0.39	1.0	2	38	36	1.30	20	0.27
ORIGINAL			<0.5	0.28	62	80	<0.5	<2	25.1	0.7	6	7	3	1.76	<10	<0.01
DUP			<0.5	0.27	61	70	<0.5	<2	24.9	0.7	5	6	3	1.72	<10	<0.01
Target Range - Lower Bound			<0.5	0.25	53	60	<0.5	<2	23.7	<0.5	4	5	2	1.64	<10	<0.01
Upper Bound			1.0	0.30	70	90	1.0	4	26.3	1.0	7	8	4	1.84	20	0.02
PREP DUPLICATES																
KSBSS0757		0.80	3.8	0.18	25	140	<0.5	<2	0.06	<0.5	<1	44	423	0.49	<10	0.12
KSBSS0757 PREP DUP		0.86	3.5	0.16	22	130	<0.5	<2	0.06	<0.5	<1	42	386	0.45	<10	0.11
KSBSS0813		<0.01	<0.5	9.38	<5	580	0.6	<2	6.85	0.5	32	166	72	5.46	20	1.40
KSBSS0813 PREP DUP		0.01	<0.5	9.20	<5	580	0.6	<2	6.83	0.6	33	176	71	5.37	20	1.38

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

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	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		10	10	0.17	191	5	0.02	1	130	8	0.01	<5	11	30	<20	0.02
DUP		10	10	0.17	183	4	0.02	<1	130	7	0.01	<5	11	28	<20	0.02
Target Range - Lower Bound		<10	<10	0.15	173	3	<0.01	<1	110	5	<0.01	<5	9	27	<20	<0.01
Upper Bound		20	20	0.19	201	6	0.03	2	150	10	0.02	10	13	31	40	0.03
ORIGINAL		<10	<10	0.15	944	3	0.08	<1	70	<2	<0.01	<5	58	269	<20	<0.01
DUP		<10	<10	0.15	936	3	0.08	<1	70	<2	<0.01	<5	57	265	<20	<0.01
Target Range - Lower Bound		<10	<10	0.13	888	2	0.07	<1	60	<2	<0.01	<5	54	253	<20	<0.01
Upper Bound		20	20	0.17	992	4	0.09	2	80	4	0.02	10	61	281	40	0.02
PREP DUPLICATES																
KSBSS0757		<10	<10	0.02	50	5	0.02	1	30	289	0.01	<5	<1	7	<20	0.01
KSBSS0757 PREP DUP		<10	<10	0.02	46	4	0.02	3	30	260	0.01	<5	<1	5	<20	0.01
KSBSS0813		10	10	3.88	954	<1	1.67	116	1000	2	0.02	<5	21	770	<20	0.47
KSBSS0813 PREP DUP		10	10	3.84	949	<1	1.63	113	990	<2	0.02	<5	21	759	<20	0.47

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

Sample Description / Method / Analyte / Units / LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
DUPLICATES					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL	<10	<10	16	<10	19
DUP	<10	<10	15	<10	18
Target Range - Lower Bound	<10	<10	14	<10	16
Upper Bound	20	20	17	20	21
ORIGINAL	<10	<10	38	<10	18
DUP	<10	<10	38	<10	18
Target Range - Lower Bound	<10	<10	35	<10	15
Upper Bound	20	20	41	20	21
PREP DUPLICATES					
KSBSS0757	<10	<10	7	<10	4
KSBSS0757 PREP DUP	<10	<10	7	<10	6
KSBSS0813	<10	<10	182	<10	72
KSBSS0813 PREP DUP	<10	<10	180	<10	74

Comments: Samples Submitted by: Elias Mtibilo

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

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: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

QC CERTIFICATE OF ANALYSIS JD25003259

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
LOG-24	ME-ICP61	PUL-31	PUL-QC
SPL-22Y	WEI-21		