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

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

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CERTIFICATE OF ANALYSIS JD25003259

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
KSBSS0701		0.50	<0.01	<0.5	7.33	<5	260	1.1	4	5.67	0.9	41	189	43	7.39	20
KSBSS0702		1.95	0.66	<0.5	0.07	<5	10	<0.5	<2	0.08	<0.5	<1	37	1	0.46	<10
KSBSS0703		1.35	<0.01	<0.5	0.06	<5	10	<0.5	<2	0.04	<0.5	<1	56	<1	0.39	<10
KSBSS0704		1.79	0.01	<0.5	0.02	<5	10	<0.5	<2	0.06	<0.5	<1	88	<1	0.35	<10
KSBSS0705			0.01	<0.5	0.03	<5	10	<0.5	<2	0.07	<0.5	<1	97	<1	0.41	<10
KSBSS0706		1.72	0.01	<0.5	0.10	<5	50	<0.5	<2	0.03	<0.5	<1	74	<1	0.40	<10
KSBSS0707		2.11	0.01	<0.5	0.11	<5	150	<0.5	<2	0.10	<0.5	<1	64	<1	0.43	<10
KSBSS0708		2.60	0.02	<0.5	0.03	<5	10	<0.5	<2	0.40	<0.5	<1	32	<1	0.46	<10
KSBSS0709		2.21	0.01	<0.5	0.11	<5	30	<0.5	<2	0.37	<0.5	<1	69	1	0.40	<10
KSBSS0710		1.89	0.01	<0.5	0.16	<5	30	<0.5	<2	0.09	<0.5	<1	55	<1	0.41	<10
KSBSS0711		2.34	0.01	<0.5	0.25	<5	30	<0.5	<2	0.20	<0.5	<1	113	<1	0.47	<10
KSBSS0712		2.28	0.01	<0.5	6.95	<5	870	2.7	<2	0.82	<0.5	<1	11	1	0.48	20
KSBSS0713		2.12	0.01	<0.5	8.31	<5	740	2.3	<2	3.25	<0.5	<1	5	3	0.43	20
KSBSS0714		1.98	6.67	<0.5	0.09	<5	10	<0.5	<2	0.06	<0.5	<1	72	<1	0.35	<10
KSBSS0715		1.94	0.41	2.5	0.06	74	20	<0.5	<2	0.03	0.6	<1	48	27	0.36	<10
KSBSS0716		2.41	0.36	<0.5	0.02	13	50	<0.5	<2	0.02	<0.5	<1	79	7	0.47	<10
KSBSS0717		2.08	0.02	<0.5	0.07	20	10	<0.5	<2	0.04	<0.5	<1	55	<1	0.45	<10
KSBSS0718		1.85	6.82	2.6	0.14	25	10	<0.5	<2	0.03	<0.5	<1	82	92	0.55	<10
KSBSS0719		1.84	0.01	<0.5	0.27	<5	30	<0.5	<2	0.06	<0.5	<1	70	<1	0.45	<10
KSBSS0720		0.09	5.47	0.6	3.04	>10000	50	<0.5	<2	1.96	1.7	45	960	289	7.96	10
KSBSS0721		2.11	0.54	<0.5	0.02	15	10	<0.5	<2	0.02	<0.5	<1	63	10	0.49	<10
KSBSS0722		1.53	3.92	<0.5	0.06	50	10	<0.5	<2	0.41	<0.5	<1	65	7	0.57	<10
KSBSS0723		1.65	0.09	1.0	0.03	57	10	<0.5	<2	0.03	<0.5	<1	68	3	0.46	<10
KSBSS0724		1.48	7.73	7.0	0.11	118	10	<0.5	<2	0.05	0.5	<1	97	94	0.78	<10
KSBSS0725			13.20	2.7	0.11	117	20	<0.5	<2	0.05	0.5	<1	83	91	0.76	<10
KSBSS0726		1.13	0.05	<0.5	0.06	14	80	<0.5	<2	0.04	<0.5	<1	67	<1	0.47	<10
KSBSS0727		1.18	0.14	<0.5	0.04	10	<10	<0.5	<2	0.03	<0.5	<1	81	5	0.50	<10
KSBSS0728		1.21	4.39	1.3	0.10	22	20	<0.5	<2	0.04	<0.5	<1	64	179	0.37	<10
KSBSS0729		1.29	0.21	<0.5	0.08	<5	10	<0.5	<2	0.03	<0.5	<1	74	1	0.41	<10
KSBSS0730		1.27	0.01	<0.5	0.82	<5	80	<0.5	<2	0.12	<0.5	<1	76	3	0.69	<10
KSBSS0731		1.27	0.01	<0.5	1.83	<5	170	<0.5	<2	0.26	<0.5	<1	57	4	0.81	<10
KSBSS0732		1.17	0.01	<0.5	0.49	<5	40	<0.5	<2	0.17	<0.5	<1	73	<1	0.61	<10
KSBSS0733		1.17	0.01	<0.5	0.49	<5	60	<0.5	<2	0.90	<0.5	1	82	5	0.62	<10
KSBSS0734		1.23	0.01	<0.5	0.87	<5	60	<0.5	<2	0.52	<0.5	3	77	3	0.87	<10
KSBSS0735		1.08	0.01	<0.5	7.68	<5	930	3.1	<2	0.92	<0.5	<1	18	1	0.57	20
KSBSS0736		1.23	0.01	<0.5	0.20	<5	20	<0.5	<2	0.55	<0.5	1	83	2	0.66	<10
KSBSS0737		1.11	0.01	<0.5	0.41	<5	40	<0.5	<2	0.28	<0.5	1	82	1	0.95	<10
KSBSS0738		1.11	0.01	<0.5	0.04	<5	10	<0.5	<2	0.16	<0.5	<1	88	1	0.61	<10
KSBSS0739		1.09	0.01	<0.5	0.26	<5	50	<0.5	<2	0.28	<0.5	1	92	1	0.67	<10
KSBSS0740		0.50	0.01	<0.5	7.31	<5	260	1.0	<2	5.52	0.8	43	193	43	7.37	20

Comments: Samples Submitted by: Elias Mtibilo

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Account: SGSKSB

Project: KSB_R_BAT_003

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	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
KSBSS0701		0.72	20	10	4.09	1005	2	2.25	147	1500	3	0.01	<5	19	418	<20
KSBSS0702		0.02	<10	<10	0.02	64	4	0.01	<1	10	21	<0.01	<5	<1	1	<20
KSBSS0703		0.01	<10	<10	0.02	67	7	0.02	1	10	3	<0.01	<5	<1	<1	<20
KSBSS0704		0.01	<10	<10	0.01	53	9	0.01	<1	10	<2	<0.01	<5	<1	2	<20
KSBSS0705		0.01	<10	<10	0.01	62	10	0.01	<1	10	<2	<0.01	<5	<1	3	<20
KSBSS0706		0.03	<10	<10	0.02	48	8	0.03	<1	20	<2	<0.01	<5	<1	<1	<20
KSBSS0707		0.02	<10	<10	0.06	75	7	<0.01	5	30	8	0.01	<5	<1	4	<20
KSBSS0708		0.01	<10	<10	0.01	78	5	0.01	4	10	2	<0.01	<5	<1	9	<20
KSBSS0709		0.04	<10	<10	0.04	111	7	0.01	1	40	4	0.01	<5	<1	16	<20
KSBSS0710		0.07	<10	<10	0.03	72	6	0.01	<1	40	<2	<0.01	<5	1	3	<20
KSBSS0711		0.06	<10	<10	0.03	109	11	0.09	<1	40	<2	0.01	<5	1	6	<20
KSBSS0712		3.03	<10	<10	0.06	186	2	3.31	<1	50	11	0.01	<5	2	295	<20
KSBSS0713		3.27	<10	<10	0.09	217	1	3.34	<1	140	10	0.01	<5	2	253	<20
KSBSS0714		0.04	<10	<10	0.02	57	6	0.03	<1	10	12	<0.01	<5	<1	<1	<20
KSBSS0715		0.01	<10	<10	0.02	40	5	0.01	2	10	1040	0.02	<5	<1	8	<20
KSBSS0716		0.01	<10	<10	<0.01	48	8	<0.01	2	<10	60	0.01	<5	<1	<1	<20
KSBSS0717		0.01	<10	<10	0.03	58	7	0.01	2	10	5	<0.01	<5	<1	<1	<20
KSBSS0718		0.04	<10	<10	0.07	59	6	0.01	1	10	73	0.01	<5	<1	<1	<20
KSBSS0719		0.08	<10	<10	0.03	61	7	0.12	<1	20	<2	0.01	<5	<1	3	<20
KSBSS0720		0.25	10	<10	5.51	1235	2	0.59	495	300	942	5.51	>10000	13	64	<20
KSBSS0721		<0.01	<10	<10	<0.01	42	8	0.01	8	10	204	0.02	<5	<1	1	<20
KSBSS0722		0.03	<10	<10	0.02	56	7	0.01	<1	20	108	0.01	7	<1	6	<20
KSBSS0723		0.01	<10	<10	0.01	45	7	0.01	<1	10	134	0.01	<5	<1	<1	<20
KSBSS0724		0.05	<10	<10	0.03	61	10	0.02	<1	20	674	0.03	5	<1	<1	<20
KSBSS0725		0.05	<10	<10	0.03	60	9	0.02	<1	20	658	0.03	5	<1	2	<20
KSBSS0726		0.02	<10	<10	0.02	56	7	0.01	<1	10	5	0.01	<5	<1	1	<20
KSBSS0727		0.01	<10	<10	0.01	57	9	0.01	4	10	49	<0.01	<5	<1	<1	<20
KSBSS0728		0.04	<10	10	0.02	46	7	0.01	1	20	277	0.02	<5	<1	<1	<20
KSBSS0729		0.02	<10	<10	0.01	54	8	0.03	<1	10	2	<0.01	<5	<1	<1	<20
KSBSS0730		0.25	<10	<10	0.10	111	8	0.36	<1	70	2	<0.01	6	1	11	<20
KSBSS0731		0.63	10	<10	0.14	126	6	0.84	<1	130	2	0.01	<5	1	45	<20
KSBSS0732		0.09	<10	<10	0.12	102	7	0.20	2	60	9	<0.01	<5	1	17	<20
KSBSS0733		0.17	<10	<10	0.09	152	7	0.11	2	30	2	0.01	<5	1	31	<20
KSBSS0734		0.16	<10	<10	0.24	164	6	0.35	3	90	2	<0.01	<5	2	39	<20
KSBSS0735		2.84	<10	<10	0.05	219	2	3.88	<1	40	9	0.01	<5	2	402	<20
KSBSS0736		0.05	<10	<10	0.09	147	7	0.02	3	40	3	<0.01	<5	1	22	<20
KSBSS0737		0.10	<10	<10	0.22	154	6	0.01	5	90	3	0.01	<5	1	9	<20
KSBSS0738		0.02	<10	<10	0.01	104	7	0.01	<1	10	2	<0.01	<5	<1	7	<20
KSBSS0739		0.08	<10	<10	0.11	123	7	0.01	2	30	<2	<0.01	<5	1	6	<20
KSBSS0740		0.71	20	10	4.14	1010	1	2.21	150	1450	4	<0.01	<5	18	398	<20

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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
KSBSS0701		1.03	<10	<10	145	<10	108
KSBSS0702		<0.01	<10	<10	2	<10	4
KSBSS0703		<0.01	<10	<10	2	<10	2
KSBSS0704		<0.01	<10	<10	1	<10	<2
KSBSS0705		<0.01	<10	<10	2	<10	<2
KSBSS0706		<0.01	<10	<10	2	<10	2
KSBSS0707		<0.01	<10	<10	4	<10	4
KSBSS0708		<0.01	<10	<10	1	<10	2
KSBSS0709		0.01	<10	<10	4	<10	3
KSBSS0710		0.01	<10	<10	5	<10	2
KSBSS0711		0.01	<10	<10	4	<10	3
KSBSS0712		0.02	<10	<10	1	<10	18
KSBSS0713		0.02	<10	<10	1	<10	24
KSBSS0714		<0.01	<10	<10	2	<10	2
KSBSS0715		<0.01	<10	<10	6	<10	2
KSBSS0716		0.01	<10	<10	7	<10	2
KSBSS0717		<0.01	<10	<10	2	<10	2
KSBSS0718		0.01	<10	<10	14	<10	5
KSBSS0719		0.01	<10	<10	3	<10	2
KSBSS0720		0.09	<10	<10	85	10	108
KSBSS0721		<0.01	<10	<10	13	<10	7
KSBSS0722		<0.01	<10	<10	36	<10	2
KSBSS0723		<0.01	<10	<10	11	<10	2
KSBSS0724		0.01	<10	<10	21	<10	7
KSBSS0725		0.01	<10	<10	21	<10	7
KSBSS0726		0.01	<10	<10	2	<10	<2
KSBSS0727		<0.01	<10	<10	3	<10	3
KSBSS0728		0.02	<10	<10	24	<10	3
KSBSS0729		<0.01	<10	<10	2	<10	2
KSBSS0730		0.03	<10	<10	7	<10	6
KSBSS0731		0.06	<10	<10	11	<10	9
KSBSS0732		0.03	<10	<10	12	<10	5
KSBSS0733		0.02	<10	<10	13	<10	6
KSBSS0734		0.06	<10	<10	18	<10	9
KSBSS0735		0.02	<10	<10	1	<10	20
KSBSS0736		0.01	<10	<10	5	<10	5
KSBSS0737		0.02	<10	<10	11	<10	12
KSBSS0738		<0.01	<10	<10	2	<10	<2
KSBSS0739		0.01	<10	<10	9	<10	8
KSBSS0740		1.02	<10	<10	144	<10	111

Comments: Samples Submitted by: Elias Mtibilo

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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
KSBSS0741		1.12	0.01	<0.5	0.17	<5	30	<0.5	<2	0.15	<0.5	1	70	4	0.42	<10
KSBSS0742		1.54	0.05	1.7	0.08	<5	10	<0.5	<2	0.04	<0.5	1	61	153	0.53	<10
KSBSS0743		1.39	0.02	<0.5	0.08	<5	20	<0.5	<2	0.05	<0.5	1	86	5	0.53	<10
KSBSS0744		1.51	<0.01	0.7	0.07	<5	10	<0.5	<2	0.05	<0.5	<1	50	12	0.43	<10
KSBSS0745			<0.01	0.7	0.07	<5	10	<0.5	<2	0.05	<0.5	<1	46	13	0.43	<10
KSBSS0746		1.60	<0.01	<0.5	0.45	<5	60	<0.5	<2	0.17	<0.5	1	34	2	0.60	<10
KSBSS0747		1.00	0.17	<0.5	0.30	89	40	<0.5	<2	0.24	<0.5	<1	33	1	0.36	<10
KSBSS0748		1.12	3.75	2.1	0.04	104	10	<0.5	<2	0.04	0.7	1	25	10	0.61	<10
KSBSS0749		1.24	0.04	<0.5	0.01	158	<10	<0.5	<2	0.02	<0.5	<1	31	1	0.35	<10
KSBSS0750		0.96	0.04	0.6	0.04	2300	10	<0.5	<2	0.17	<0.5	1	39	7	0.60	<10
KSBSS0751		1.17	0.04	<0.5	0.02	12	10	<0.5	<2	0.03	<0.5	<1	31	2	0.37	<10
KSBSS0752		1.45	0.43	1.0	0.05	10	10	<0.5	<2	0.02	4.1	1	34	14	0.41	<10
KSBSS0753		1.31	1.85	0.9	2.79	6	260	0.5	2	0.65	<0.5	2	20	14	0.83	10
KSBSS0754		1.33	0.06	<0.5	0.97	<5	120	<0.5	<2	0.12	<0.5	1	25	10	0.61	<10
KSBSS0755		1.33	<0.01	<0.5	0.04	<5	10	<0.5	<2	0.14	<0.5	1	48	1	0.37	<10
KSBSS0756		1.43	0.01	<0.5	1.41	<5	130	<0.5	<2	0.25	<0.5	2	27	2	0.60	<10
KSBSS0757		1.41	0.80	3.8	0.18	25	140	<0.5	<2	0.06	<0.5	<1	44	423	0.49	<10
KSBSS0758		1.42	<0.01	<0.5	0.20	<5	40	<0.5	<2	0.09	<0.5	<1	33	7	0.43	<10
KSBSS0759		1.52	0.82	3.5	0.09	6	20	<0.5	<2	0.11	0.7	1	40	420	0.49	<10
KSBSS0760		0.09	1.64	1.6	3.70	816	320	2.0	<2	1.32	1.0	27	335	83	19.80	10
KSBSS0761		1.73	0.02	<0.5	0.20	5	30	<0.5	<2	0.10	<0.5	1	29	4	0.36	<10
KSBSS0762		1.29	<0.01	<0.5	0.05	<5	10	<0.5	<2	0.07	<0.5	1	30	12	0.45	<10
KSBSS0763		1.33	<0.01	<0.5	0.41	<5	70	<0.5	<2	4.09	<0.5	1	33	6	0.40	<10
KSBSS0764		1.11	0.01	<0.5	0.05	<5	20	<0.5	<2	0.13	<0.5	<1	36	8	0.31	<10
KSBSS0765			<0.01	<0.5	0.06	<5	20	<0.5	<2	0.14	<0.5	1	32	9	0.33	<10
KSBSS0766		1.61	3.01	2.5	0.03	5	10	<0.5	<2	0.17	<0.5	1	35	285	0.43	<10
KSBSS0767		1.30	1.06	17.6	0.04	96	20	<0.5	16	0.08	<0.5	1	32	2920	0.41	<10
KSBSS0768		1.41	<0.01	9.1	0.04	32	10	<0.5	5	0.33	<0.5	<1	31	1165	0.44	<10
KSBSS0769		1.64	0.06	7.0	0.02	11	20	<0.5	<2	0.04	<0.5	<1	32	485	0.49	<10
KSBSS0770		1.21	0.02	<0.5	0.01	24	<10	<0.5	<2	0.04	<0.5	<1	33	15	0.38	<10
KSBSS0771		1.40	<0.01	<0.5	0.05	<5	10	<0.5	<2	0.03	<0.5	<1	30	7	0.39	<10
KSBSS0772		1.18	<0.01	<0.5	6.22	<5	360	3.8	<2	2.88	<0.5	1	8	5	0.52	20
KSBSS0773		1.57	<0.01	<0.5	6.38	<5	380	4.0	<2	1.83	<0.5	<1	6	4	0.48	20
KSBSS0774		1.28	<0.01	<0.5	7.86	5	570	3.4	<2	1.58	<0.5	4	21	13	1.76	20
KSBSS0775		1.12	<0.01	<0.5	7.80	<5	460	5.1	<2	0.93	<0.5	<1	7	2	0.56	30
KSBSS0776		1.47	<0.01	<0.5	8.33	<5	680	3.4	<2	1.95	<0.5	2	5	5	1.80	20
KSBSS0777		1.19	<0.01	<0.5	7.49	<5	390	4.5	<2	0.92	<0.5	<1	6	2	0.53	20
KSBSS0778		1.68	<0.01	<0.5	7.52	<5	640	2.8	<2	1.21	<0.5	2	4	4	1.68	20
KSBSS0779		1.50	<0.01	<0.5	8.14	<5	460	4.3	<2	1.47	<0.5	1	8	7	1.05	20
KSBSS0780		0.50	<0.01	<0.5	7.64	<5	270	1.1	2	6.08	0.8	46	201	46	7.96	20

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

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	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
KSBSS0741		0.06	<10	<10	0.06	115	6	0.01	2	50	32	0.01	<5	1	6	<20
KSBSS0742		0.02	<10	<10	0.03	59	6	0.02	1	20	176	0.01	<5	<1	5	<20
KSBSS0743		0.03	<10	<10	0.02	79	7	0.02	1	20	20	<0.01	<5	<1	4	<20
KSBSS0744		0.02	<10	<10	0.02	64	4	0.01	1	10	222	0.01	<5	<1	3	<20
KSBSS0745		0.02	<10	<10	0.02	64	4	0.01	<1	10	224	0.01	<5	<1	3	<20
KSBSS0746		0.12	<10	<10	0.07	115	3	0.15	1	60	3	0.01	<5	<1	29	<20
KSBSS0747		0.09	<10	<10	0.01	46	3	0.14	1	20	<2	0.01	<5	<1	15	<20
KSBSS0748		0.01	<10	<10	0.01	48	8	0.01	<1	10	44	0.01	<5	<1	6	<20
KSBSS0749		0.01	<10	<10	<0.01	40	3	0.01	<1	10	195	0.01	<5	<1	3	<20
KSBSS0750		0.02	<10	<10	0.01	46	4	0.01	<1	10	36	0.01	<5	<1	10	<20
KSBSS0751		0.01	<10	<10	0.01	57	2	0.01	<1	10	<2	0.01	<5	<1	1	<20
KSBSS0752		0.01	<10	<10	0.01	39	4	0.01	<1	<10	483	0.03	<5	<1	3	<20
KSBSS0753		0.88	10	<10	0.11	212	2	1.19	<1	90	421	<0.01	<5	2	37	<20
KSBSS0754		0.30	<10	<10	0.03	99	2	0.41	<1	30	13	<0.01	<5	1	18	<20
KSBSS0755		0.01	<10	<10	0.01	68	4	0.01	1	10	2	<0.01	<5	<1	2	<20
KSBSS0756		0.35	<10	<10	0.05	110	3	0.69	<1	50	8	0.01	<5	1	26	<20
KSBSS0757		0.12	<10	<10	0.02	50	5	0.02	1	30	289	0.01	<5	<1	7	<20
KSBSS0758		0.07	<10	<10	0.04	62	3	0.05	<1	90	3	<0.01	<5	<1	5	<20
KSBSS0759		0.01	<10	<10	0.02	70	3	0.04	1	20	1155	0.01	<5	<1	6	<20
KSBSS0760		1.35	10	20	3.00	4350	1	0.56	195	390	36	2.83	19	6	35	<20
KSBSS0761		0.05	<10	<10	0.04	60	2	0.08	<1	50	<2	0.01	<5	<1	4	<20
KSBSS0762		0.01	<10	<10	0.02	66	2	0.01	<1	20	13	<0.01	<5	<1	2	<20
KSBSS0763		0.10	<10	<10	0.05	217	3	0.21	2	130	<2	0.01	<5	1	162	<20
KSBSS0764		0.02	<10	<10	0.02	104	3	0.01	<1	30	9	0.01	<5	<1	4	<20
KSBSS0765		0.02	<10	<10	0.02	110	2	0.01	1	30	9	0.01	<5	<1	4	<20
KSBSS0766		0.01	<10	<10	0.01	64	3	0.01	<1	20	623	0.01	<5	<1	5	<20
KSBSS0767		0.01	<10	<10	0.01	44	3	0.01	<1	10	627	0.02	<5	<1	5	<20
KSBSS0768		0.01	<10	<10	0.01	57	3	0.01	4	10	639	0.01	<5	<1	3	<20
KSBSS0769		0.01	<10	<10	<0.01	56	3	0.01	<1	10	1035	0.01	<5	<1	2	<20
KSBSS0770		<0.01	<10	<10	<0.01	42	3	0.01	<1	<10	43	<0.01	<5	<1	<1	<20
KSBSS0771		0.02	<10	<10	<0.01	45	3	0.02	3	10	45	<0.01	<5	<1	1	<20
KSBSS0772		3.39	<10	10	0.09	270	1	3.39	20	80	27	0.03	<5	1	268	<20
KSBSS0773		3.44	<10	<10	0.06	253	<1	3.58	3	50	27	0.03	<5	1	280	<20
KSBSS0774		3.30	10	<10	0.49	480	1	3.74	8	430	18	0.02	<5	6	397	<20
KSBSS0775		3.58	<10	<10	0.05	290	<1	3.72	3	40	28	0.02	<5	1	439	<20
KSBSS0776		3.19	20	10	0.32	556	1	3.66	3	660	25	0.03	<5	4	460	<20
KSBSS0777		3.59	<10	<10	0.05	253	<1	3.99	<1	60	37	0.02	<5	1	286	<20
KSBSS0778		2.74	20	20	0.31	516	1	3.29	3	710	17	0.03	<5	2	399	<20
KSBSS0779		3.47	<10	<10	0.20	368	<1	3.96	2	260	28	0.02	<5	3	369	<20
KSBSS0780		0.78	20	10	4.51	1100	1	2.40	166	1600	2	0.01	<5	20	438	<20

Comments: Samples Submitted by: Elias Mtibilo

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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

CERTIFICATE OF ANALYSIS JD25003259

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
KSBSS0741		0.01	<10	<10	8	<10	4
KSBSS0742		0.01	<10	<10	4	<10	5
KSBSS0743		<0.01	<10	<10	4	<10	2
KSBSS0744		<0.01	<10	<10	5	<10	2
KSBSS0745		<0.01	<10	<10	5	<10	2
KSBSS0746		0.01	<10	<10	4	<10	5
KSBSS0747		0.01	<10	<10	2	<10	<2
KSBSS0748		<0.01	<10	<10	4	<10	36
KSBSS0749		<0.01	<10	<10	1	<10	4
KSBSS0750		<0.01	<10	<10	1	<10	3
KSBSS0751		<0.01	<10	<10	1	<10	2
KSBSS0752		<0.01	<10	<10	1	<10	351
KSBSS0753		0.05	<10	<10	12	<10	61
KSBSS0754		0.02	<10	<10	5	<10	10
KSBSS0755		<0.01	<10	<10	1	<10	<2
KSBSS0756		0.02	<10	<10	3	<10	6
KSBSS0757		0.01	<10	<10	7	<10	4
KSBSS0758		0.03	<10	<10	6	<10	3
KSBSS0759		<0.01	<10	<10	6	<10	81
KSBSS0760		0.11	<10	<10	41	10	197
KSBSS0761		0.03	<10	<10	4	<10	3
KSBSS0762		<0.01	<10	<10	3	<10	2
KSBSS0763		0.03	<10	<10	4	<10	3
KSBSS0764		<0.01	<10	<10	2	<10	2
KSBSS0765		<0.01	<10	<10	2	<10	2
KSBSS0766		<0.01	<10	<10	12	<10	3
KSBSS0767		<0.01	<10	<10	11	<10	2
KSBSS0768		<0.01	<10	<10	6	<10	2
KSBSS0769		<0.01	<10	<10	3	<10	2
KSBSS0770		<0.01	<10	<10	6	<10	5
KSBSS0771		<0.01	<10	<10	6	<10	4
KSBSS0772		0.02	<10	<10	3	<10	31
KSBSS0773		0.02	<10	<10	1	<10	27
KSBSS0774		0.21	<10	<10	35	<10	41
KSBSS0775		0.02	<10	<10	1	<10	30
KSBSS0776		0.21	<10	<10	8	<10	62
KSBSS0777		0.02	<10	<10	1	<10	30
KSBSS0778		0.16	<10	<10	4	<10	63
KSBSS0779		0.10	<10	<10	15	<10	36
KSBSS0780		1.09	<10	<10	154	<10	120

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Australian Laboratory Services Arabia Co. Ltd.
P.O. Box 54605
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ZIP CODE: 21514
JEDDAH 21514

Finalized Date: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

CERTIFICATE OF ANALYSIS JD25003259

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
KSBSS0781		1.52	<0.01	0.5	5.93	17	640	1.3	<2	1.41	<0.5	3	14	11	1.95	10
KSBSS0782		1.24	0.01	<0.5	1.46	5	90	0.6	<2	1.52	<0.5	2	30	2	1.04	<10
KSBSS0783		1.21	0.01	<0.5	1.14	5	30	<0.5	<2	1.53	<0.5	2	37	2	0.83	<10
KSBSS0784		1.49	0.01	<0.5	2.83	<5	270	0.7	<2	0.69	<0.5	2	32	5	0.77	10
KSBSS0785			0.01	<0.5	2.74	<5	260	0.7	<2	0.66	<0.5	2	32	3	0.75	<10
KSBSS0786		0.97	0.01	<0.5	0.32	<5	40	<0.5	<2	0.05	<0.5	<1	28	1	0.47	<10
KSBSS0787		1.33	0.01	<0.5	0.41	<5	40	<0.5	<2	0.21	<0.5	<1	29	2	0.58	<10
KSBSS0788		1.54	0.05	<0.5	1.52	10	140	<0.5	<2	0.84	<0.5	4	40	41	1.25	<10
KSBSS0789		1.09	0.01	<0.5	0.21	<5	20	<0.5	<2	0.21	<0.5	1	43	1	0.63	<10
KSBSS0790		1.19	<0.01	<0.5	0.71	<5	10	<0.5	<2	0.51	<0.5	2	45	3	0.92	<10
KSBSS0791		1.55	0.01	<0.5	7.25	<5	440	0.8	2	9.60	0.8	30	52	65	6.24	20
KSBSS0792		1.94	0.01	<0.5	8.15	<5	540	0.9	2	5.79	0.8	31	47	235	7.19	20
KSBSS0793		0.91	0.01	<0.5	1.75	<5	540	<0.5	<2	24.7	<0.5	1	8	25	0.47	<10
KSBSS0794		1.32	0.01	<0.5	9.07	<5	660	<0.5	<2	7.04	0.5	31	79	91	5.34	10
KSBSS0795		1.20	<0.01	<0.5	2.03	<5	140	<0.5	<2	1.39	<0.5	5	23	21	1.50	<10
KSBSS0796		1.49	0.01	0.5	8.12	<5	520	1.7	<2	3.78	<0.5	18	103	8	3.29	20
KSBSS0797		1.63	0.01	<0.5	8.10	<5	500	1.3	<2	6.71	0.5	27	87	54	5.76	20
KSBSS0798		2.30	0.02	<0.5	0.94	10	90	<0.5	<2	0.54	<0.5	1	24	20	0.83	<10
KSBSS0799		1.60	0.01	0.5	8.53	<5	770	1.0	3	6.13	0.8	33	60	149	7.52	20
KSBSS0800		0.09	0.62	1.2	7.58	172	1540	1.0	<2	0.59	<0.5	17	37	135	4.46	20
KSBSS0801		2.12	0.01	<0.5	0.26	<5	70	<0.5	<2	0.41	<0.5	1	33	2	0.51	<10
KSBSS0802		1.52	0.02	<0.5	0.17	16	20	<0.5	<2	0.09	<0.5	<1	62	2	0.61	<10
KSBSS0803		2.44	0.01	<0.5	0.13	<5	20	<0.5	<2	0.11	<0.5	1	65	2	0.63	<10
KSBSS0804		2.08	<0.01	<0.5	8.83	<5	1010	1.9	<2	3.06	<0.5	2	12	2	2.33	20
KSBSS0805			0.01	<0.5	8.92	<5	1020	1.9	<2	3.05	<0.5	3	12	2	2.34	20
KSBSS0806		1.96	0.03	<0.5	0.28	23	30	0.6	<2	14.95	0.5	4	42	2	0.66	<10
KSBSS0807		2.02	0.02	<0.5	0.24	<5	60	<0.5	<2	0.99	<0.5	2	61	2	0.68	<10
KSBSS0808		2.28	0.01	<0.5	8.14	8	750	1.7	<2	4.09	<0.5	13	122	11	2.85	20
KSBSS0809		2.37	0.01	<0.5	8.32	6	960	1.8	<2	3.96	0.6	23	73	84	5.61	20
KSBSS0810		2.13	0.01	<0.5	0.12	<5	10	<0.5	<2	0.08	<0.5	1	68	1	0.55	<10
KSBSS0811		2.10	0.01	<0.5	8.70	<5	510	1.2	<2	5.94	0.7	28	36	123	6.81	20
KSBSS0812		2.34	0.01	<0.5	0.69	<5	30	<0.5	<2	0.20	<0.5	1	67	12	0.80	<10
KSBSS0813		2.32	<0.01	<0.5	9.38	<5	580	0.6	<2	6.85	0.5	32	166	72	5.46	20
KSBSS0814		2.23	0.01	<0.5	0.16	10	20	<0.5	<2	0.08	<0.5	1	52	4	0.58	<10
KSBSS0815		1.05	0.02	<0.5	0.07	25	10	<0.5	<2	0.21	<0.5	<1	59	2	0.59	<10
KSBSS0816		1.58	0.02	<0.5	1.11	5	120	<0.5	<2	0.52	<0.5	2	53	18	1.06	<10
KSBSS0817		1.55	0.02	<0.5	0.06	<5	20	<0.5	<2	0.06	<0.5	1	63	33	0.55	<10
KSBSS0818		1.18	0.01	<0.5	8.85	<5	590	1.0	<2	5.30	0.8	25	57	91	5.63	20
KSBSS0819		2.35	0.01	<0.5	8.15	<5	1010	2.1	<2	1.51	<0.5	4	9	8	2.80	20
KSBSS0820		0.15	0.01	<0.5	7.73	<5	280	1.1	2	5.99	0.8	46	196	45	7.74	20

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

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	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
KSBSS0781		2.02	20	10	0.31	457	4	2.90	3	430	5	0.02	<5	6	311	<20
KSBSS0782		0.33	<10	<10	0.24	218	2	0.58	10	280	46	0.01	<5	3	54	<20
KSBSS0783		0.08	<10	<10	0.23	245	3	0.64	15	70	9	0.01	<5	1	59	<20
KSBSS0784		0.67	10	<10	0.21	265	4	1.68	8	190	35	0.01	<5	3	65	<20
KSBSS0785		0.65	10	<10	0.20	252	3	1.63	5	180	32	0.01	<5	3	62	<20
KSBSS0786		0.11	<10	<10	0.03	65	2	0.13	3	20	14	<0.01	<5	<1	6	<20
KSBSS0787		0.12	<10	<10	0.11	128	2	0.12	3	50	7	0.01	<5	1	6	<20
KSBSS0788		0.36	<10	<10	0.37	221	3	0.44	10	280	4	0.01	<5	3	99	<20
KSBSS0789		0.04	<10	<10	0.20	106	2	0.01	9	20	<2	0.01	<5	<1	3	<20
KSBSS0790		0.02	<10	<10	0.24	141	3	0.08	7	30	2	<0.01	<5	1	101	<20
KSBSS0791		1.33	10	20	2.49	973	<1	1.70	55	800	4	0.02	<5	25	701	<20
KSBSS0792		1.39	20	10	2.79	1145	<1	2.33	41	2620	3	0.01	<5	26	932	<20
KSBSS0793		1.63	10	<10	0.21	1175	<1	0.06	9	70	4	0.02	<5	3	758	<20
KSBSS0794		1.05	<10	10	3.52	980	<1	1.79	45	300	7	0.06	<5	26	569	<20
KSBSS0795		0.32	<10	<10	0.47	264	2	0.51	9	350	2	0.01	<5	4	151	<20
KSBSS0796		2.33	20	10	1.97	493	<1	3.29	68	1000	11	0.01	<5	10	501	<20
KSBSS0797		1.79	20	20	2.70	1025	<1	2.06	56	1620	9	0.01	<5	21	357	<20
KSBSS0798		0.31	<10	<10	0.18	136	3	0.36	7	220	6	0.01	<5	2	29	<20
KSBSS0799		1.58	10	10	2.94	1265	1	2.09	56	2290	6	0.01	<5	28	782	<20
KSBSS0800		5.91	10	40	0.96	934	30	0.72	14	2200	13	0.52	9	13	634	<20
KSBSS0801		0.07	<10	<10	0.13	124	2	0.02	5	40	25	0.01	<5	1	8	<20
KSBSS0802		0.05	<10	<10	0.06	86	4	0.03	1	50	2	0.01	<5	1	3	<20
KSBSS0803		0.01	<10	<10	0.06	109	5	0.01	1	20	2	0.01	<5	<1	5	<20
KSBSS0804		2.73	30	20	0.61	608	1	3.49	2	1420	17	0.01	<5	2	801	<20
KSBSS0805		2.81	30	20	0.61	623	1	3.54	3	1430	14	0.01	<5	2	806	<20
KSBSS0806		0.02	10	<10	0.27	1220	3	0.02	26	40	17	0.01	<5	6	843	<20
KSBSS0807		0.03	<10	<10	0.16	150	5	0.03	6	30	13	0.01	<5	<1	21	<20
KSBSS0808		2.10	30	20	1.89	595	<1	3.11	80	1150	10	0.01	<5	7	615	<20
KSBSS0809		2.43	20	10	2.09	999	1	2.54	40	1950	13	0.03	<5	20	588	<20
KSBSS0810		0.02	<10	<10	0.04	75	6	0.04	2	30	2	<0.01	<5	<1	3	<20
KSBSS0811		1.45	20	10	2.32	1115	1	2.67	26	1310	5	0.01	<5	26	720	<20
KSBSS0812		0.05	<10	<10	0.12	124	6	0.36	5	130	2	0.01	<5	1	13	<20
KSBSS0813		1.40	10	10	3.88	954	<1	1.67	116	1000	2	0.02	<5	21	770	<20
KSBSS0814		0.05	<10	<10	0.05	82	5	0.02	4	10	118	<0.01	<5	<1	2	<20
KSBSS0815		0.01	<10	<10	0.03	96	5	0.01	3	20	5	<0.01	<5	<1	5	<20
KSBSS0816		0.25	<10	<10	0.19	205	4	0.34	3	210	16	0.01	<5	2	66	<20
KSBSS0817		0.02	<10	<10	0.02	80	5	0.01	2	20	16	0.01	<5	<1	1	<20
KSBSS0818		1.70	10	20	2.57	1065	1	2.47	40	1390	7	0.01	<5	22	524	<20
KSBSS0819		3.62	30	10	0.46	682	1	3.42	5	740	13	0.02	<5	7	281	<20
KSBSS0820		0.77	20	10	4.31	1090	1	2.35	155	1560	6	0.01	<5	19	413	<20

Comments: Samples Submitted by: Elias Mtibilo

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JEDDAH 21514

Finalized Date: 23-JAN-2025
Account: SGSKSB

Project: KSB_R_BAT_003

CERTIFICATE OF ANALYSIS JD25003259

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
KSBSS0781		0.22	<10	<10	13	<10	48
KSBSS0782		0.11	<10	<10	23	<10	14
KSBSS0783		0.03	<10	<10	9	<10	13
KSBSS0784		0.08	<10	<10	10	<10	13
KSBSS0785		0.08	<10	<10	10	<10	13
KSBSS0786		0.01	<10	<10	2	<10	3
KSBSS0787		0.01	<10	<10	4	<10	5
KSBSS0788		0.13	<10	<10	29	<10	17
KSBSS0789		0.01	<10	<10	7	<10	7
KSBSS0790		0.01	<10	<10	20	<10	12
KSBSS0791		0.79	<10	<10	365	<10	79
KSBSS0792		0.93	<10	<10	378	<10	82
KSBSS0793		0.02	<10	<10	11	<10	9
KSBSS0794		0.28	<10	<10	181	<10	73
KSBSS0795		0.15	<10	<10	48	<10	23
KSBSS0796		0.51	<10	<10	81	<10	54
KSBSS0797		0.69	<10	<10	186	<10	84
KSBSS0798		0.08	<10	<10	17	<10	17
KSBSS0799		0.99	<10	<10	320	<10	110
KSBSS0800		0.30	<10	<10	187	10	89
KSBSS0801		0.02	<10	<10	9	<10	5
KSBSS0802		0.02	<10	<10	5	<10	4
KSBSS0803		<0.01	<10	<10	5	<10	4
KSBSS0804		0.30	<10	<10	10	<10	70
KSBSS0805		0.31	<10	<10	10	<10	71
KSBSS0806		0.01	<10	<10	7	<10	9
KSBSS0807		0.01	<10	<10	6	<10	7
KSBSS0808		0.35	<10	<10	46	<10	64
KSBSS0809		0.77	<10	<10	179	<10	87
KSBSS0810		0.01	<10	<10	5	<10	3
KSBSS0811		0.93	<10	<10	355	<10	97
KSBSS0812		0.05	<10	<10	13	<10	8
KSBSS0813		0.47	<10	<10	182	<10	72
KSBSS0814		0.01	<10	<10	12	<10	3
KSBSS0815		0.01	<10	<10	2	<10	2
KSBSS0816		0.05	<10	<10	21	<10	13
KSBSS0817		<0.01	<10	<10	5	<10	3
KSBSS0818		0.58	<10	<10	199	<10	86
KSBSS0819		0.35	<10	<10	25	<10	60
KSBSS0820		1.09	<10	<10	152	<10	114

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Project: KSB_R_BAT_003

CERTIFICATE OF ANALYSIS JD25003259

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
KSBSS0821		2.57	0.01	0.6	7.99	<5	860	2.4	<2	3.33	0.5	12	46	78	3.74	20
KSBSS0822		2.75	0.01	<0.5	7.12	<5	700	1.8	<2	2.76	<0.5	6	29	28	2.46	10
KSBSS0823		2.44	0.01	<0.5	5.00	<5	510	0.9	<2	2.53	<0.5	8	38	10	3.32	10
KSBSS0824		2.59	<0.01	0.5	7.14	<5	660	1.5	<2	5.41	0.7	14	19	23	5.22	20
KSBSS0825			0.01	<0.5	7.20	<5	670	1.5	<2	5.40	0.6	14	17	24	5.25	20
KSBSS0826		2.84	0.01	<0.5	3.53	<5	350	0.9	<2	0.71	<0.5	3	45	4	1.34	10
KSBSS0827		3.12	0.01	<0.5	2.20	<5	170	<0.5	<2	9.84	<0.5	4	32	9	1.37	<10
KSBSS0828		2.59	0.01	<0.5	5.37	5	400	1.0	<2	3.91	<0.5	10	31	17	3.62	10
KSBSS0829		2.83	0.01	<0.5	0.49	<5	90	<0.5	<2	14.20	<0.5	3	50	2	0.82	<10
KSBSS0830		2.47	0.01	<0.5	2.40	<5	230	0.5	<2	6.24	<0.5	3	52	6	1.62	<10
KSBSS0831		2.74	0.01	<0.5	2.99	<5	280	0.6	<2	7.59	<0.5	6	31	8	2.28	10
KSBSS0832		2.70	0.01	<0.5	2.28	<5	230	<0.5	<2	1.48	<0.5	5	55	24	1.88	<10
KSBSS0833		2.91	0.01	<0.5	1.99	<5	100	<0.5	<2	6.65	<0.5	7	41	8	2.44	10
KSBSS0834		3.18	<0.01	<0.5	2.10	<5	100	<0.5	<2	3.21	<0.5	2	50	15	1.92	10
KSBSS0835		2.96	0.07	0.5	8.05	<5	800	1.7	<2	2.36	<0.5	8	16	61	3.53	20
KSBSS0836		2.83	0.01	<0.5	2.45	<5	90	<0.5	<2	3.87	<0.5	7	72	18	1.68	<10
KSBSS0837		2.76	0.01	<0.5	3.34	<5	30	<0.5	<2	4.20	<0.5	1	42	2	1.91	20
KSBSS0838		3.01	0.01	<0.5	8.33	6	790	1.3	<2	4.41	0.5	12	23	6	4.46	20
KSBSS0839		2.83	<0.01	<0.5	1.26	<5	110	<0.5	<2	1.09	<0.5	3	53	7	1.24	<10
KSBSS0840		0.09	5.21	0.6	3.00	>10000	50	<0.5	<2	1.96	1.5	46	956	282	7.69	10
KSBSS0841		2.63	<0.01	<0.5	0.95	11	30	<0.5	<2	1.35	<0.5	1	56	3	1.00	<10
KSBSS0842		2.62	0.01	<0.5	0.78	<5	30	<0.5	<2	1.52	<0.5	2	61	10	0.56	<10
KSBSS0843		2.93	0.01	<0.5	1.40	<5	240	<0.5	<2	1.67	<0.5	1	50	4	0.71	<10
KSBSS0844		2.78	0.01	<0.5	6.17	<5	610	1.2	<2	8.74	<0.5	10	14	33	3.40	10
KSBSS0845			0.01	<0.5	6.35	<5	640	1.2	<2	8.95	0.5	11	16	38	3.49	10
KSBSS0846		2.68	0.01	<0.5	0.72	<5	30	<0.5	<2	0.93	<0.5	1	57	7	0.83	<10
KSBSS0847		3.03	0.01	<0.5	0.79	<5	90	<0.5	<2	1.26	<0.5	2	63	6	1.02	<10
KSBSS0848		2.87	0.01	<0.5	4.24	<5	1290	<0.5	<2	5.93	<0.5	5	42	10	1.69	10
KSBSS0849		3.00	0.01	<0.5	2.31	<5	120	<0.5	<2	3.14	<0.5	5	39	5	1.88	10
KSBSS0850		2.83	<0.01	<0.5	3.77	<5	390	0.7	<2	2.49	<0.5	2	37	34	2.08	10
KSBSS0851		2.50	0.01	<0.5	0.60	<5	50	<0.5	<2	1.82	<0.5	3	66	7	1.00	<10
KSBSS0852		2.80	<0.01	<0.5	0.87	<5	40	<0.5	<2	0.48	<0.5	2	64	7	1.00	<10
KSBSS0853		2.90	0.01	<0.5	0.24	<5	10	<0.5	<2	0.47	<0.5	1	58	2	0.65	<10
KSBSS0854		3.05	0.01	0.7	7.68	<5	1070	2.4	<2	1.46	<0.5	2	8	31	2.87	20
KSBSS0855		2.95	0.01	<0.5	2.61	<5	220	0.5	<2	1.24	<0.5	6	49	14	1.90	<10
KSBSS0856		2.94	<0.01	<0.5	1.06	<5	60	<0.5	<2	2.15	<0.5	3	45	12	1.26	<10
KSBSS0857		3.12	0.02	<0.5	5.26	<5	290	0.7	<2	5.57	0.6	11	51	61	3.99	10
KSBSS0858		2.62	<0.01	<0.5	2.52	<5	130	<0.5	<2	8.54	<0.5	5	34	24	2.28	10

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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
KSBSS0821		3.47	30	10	1.22	745	1	2.42	23	1240	16	0.02	<5	13	370	<20
KSBSS0822		3.21	30	10	0.66	466	2	2.71	12	610	10	0.02	<5	7	318	<20
KSBSS0823		1.14	10	10	0.79	660	3	2.07	6	1240	12	0.01	<5	9	248	<20
KSBSS0824		1.94	20	10	1.28	989	2	2.75	7	2150	23	0.01	<5	17	426	<20
KSBSS0825		1.94	20	10	1.28	999	2	2.78	6	2160	22	0.01	<5	17	429	<20
KSBSS0826		1.11	<10	<10	0.30	255	4	1.77	3	310	20	0.02	<5	3	116	<20
KSBSS0827		0.52	10	<10	0.34	455	3	0.95	5	340	9	0.01	<5	3	281	<20
KSBSS0828		1.34	20	10	0.96	679	2	1.93	7	1260	21	0.01	<5	10	302	<20
KSBSS0829		0.12	<10	<10	0.34	703	4	0.04	9	130	6	<0.01	<5	2	786	<20
KSBSS0830		0.55	10	<10	0.37	524	4	1.10	4	490	12	0.01	<5	3	205	<20
KSBSS0831		0.81	10	10	0.55	599	2	1.07	5	760	12	0.01	<5	6	251	<20
KSBSS0832		0.66	10	10	0.51	398	4	0.65	8	480	26	0.01	<5	4	85	<20
KSBSS0833		0.28	<10	10	0.58	596	3	0.30	9	240	8	0.01	<5	4	273	<20
KSBSS0834		0.22	<10	<10	0.16	453	4	0.43	6	190	11	0.01	<5	3	380	<20
KSBSS0835		2.61	30	10	0.82	632	4	2.96	9	1200	11	0.01	<5	11	379	<20
KSBSS0836		0.06	<10	<10	0.59	329	5	0.02	11	200	4	0.01	<5	5	45	<20
KSBSS0837		0.06	<10	<10	0.07	251	3	0.12	4	80	6	<0.01	<5	1	603	<20
KSBSS0838		2.46	20	10	1.01	894	1	1.95	12	1380	16	0.01	<5	16	656	<20
KSBSS0839		0.25	<10	<10	0.23	263	4	0.27	6	330	5	0.01	<5	3	107	<20
KSBSS0840		0.25	10	<10	5.47	1205	1	0.58	482	310	955	5.47	>10000	13	60	<20
KSBSS0841		0.08	<10	<10	0.07	159	5	0.08	3	50	8	0.01	50	1	138	<20
KSBSS0842		0.07	<10	<10	0.11	134	5	0.43	5	70	11	0.01	14	1	31	<20
KSBSS0843		0.40	<10	<10	0.06	124	4	0.52	2	150	4	0.01	<5	1	103	<20
KSBSS0844		1.80	20	10	0.92	916	1	2.21	8	1170	15	0.01	5	12	483	<20
KSBSS0845		1.85	20	10	0.94	939	2	2.28	11	1220	20	0.01	<5	12	493	<20
KSBSS0846		0.07	<10	<10	0.11	177	4	0.24	6	50	3	0.01	<5	1	53	<20
KSBSS0847		0.07	<10	<10	0.12	291	5	0.07	7	70	11	0.01	<5	1	76	<20
KSBSS0848		1.61	<10	<10	0.47	303	3	0.85	12	260	6	0.01	<5	3	465	<20
KSBSS0849		0.39	10	<10	0.50	344	3	0.84	10	540	9	0.01	<5	7	178	<20
KSBSS0850		1.24	10	<10	0.23	376	3	0.96	7	630	19	0.01	<5	6	398	<20
KSBSS0851		0.09	<10	<10	0.20	253	5	0.13	5	110	5	0.01	<5	1	42	<20
KSBSS0852		0.17	<10	<10	0.17	166	5	0.30	2	300	6	<0.01	<5	2	12	<20
KSBSS0853		0.04	<10	<10	0.06	115	4	0.07	3	60	15	<0.01	<5	<1	7	<20
KSBSS0854		2.90	30	<10	0.42	507	2	3.64	7	690	14	0.02	<5	9	361	<20
KSBSS0855		0.56	10	<10	0.45	369	4	0.92	7	430	5	0.01	<5	5	207	<20
KSBSS0856		0.12	<10	<10	0.23	394	3	0.05	5	90	11	0.01	<5	1	165	<20
KSBSS0857		0.80	10	10	0.97	719	2	1.21	22	920	13	0.01	<5	11	2110	<20
KSBSS0858		0.28	<10	<10	0.50	580	2	0.42	10	290	10	0.01	<5	3	316	<20

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

CERTIFICATE OF ANALYSIS JD25003259

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
KSBSS0821		0.58	<10	<10	127	<10	67
KSBSS0822		0.33	<10	<10	50	<10	40
KSBSS0823		0.44	<10	<10	108	<10	53
KSBSS0824		0.81	<10	<10	185	<10	83
KSBSS0825		0.82	<10	<10	186	<10	83
KSBSS0826		0.12	<10	<10	28	<10	25
KSBSS0827		0.10	<10	<10	32	<10	21
KSBSS0828		0.47	<10	<10	137	<10	62
KSBSS0829		0.02	<10	<10	14	<10	12
KSBSS0830		0.15	<10	<10	20	<10	17
KSBSS0831		0.27	<10	<10	72	<10	37
KSBSS0832		0.17	<10	<10	44	<10	36
KSBSS0833		0.08	<10	<10	93	<10	35
KSBSS0834		0.05	<10	<10	131	<10	9
KSBSS0835		0.49	<10	<10	95	<10	64
KSBSS0836		0.10	<10	<10	57	<10	19
KSBSS0837		0.02	<10	<10	112	<10	6
KSBSS0838		0.60	<10	<10	167	<10	68
KSBSS0839		0.12	<10	<10	37	<10	17
KSBSS0840		0.10	<10	<10	84	10	111
KSBSS0841		0.02	<10	<10	54	<10	7
KSBSS0842		0.02	<10	<10	7	<10	8
KSBSS0843		0.03	<10	<10	22	<10	6
KSBSS0844		0.46	<10	<10	109	<10	62
KSBSS0845		0.47	<10	<10	110	<10	67
KSBSS0846		0.02	<10	<10	21	<10	8
KSBSS0847		0.03	<10	<10	37	<10	9
KSBSS0848		0.10	<10	<10	71	<10	14
KSBSS0849		0.20	<10	<10	68	<10	27
KSBSS0850		0.24	<10	<10	79	<10	16
KSBSS0851		0.03	<10	<10	16	<10	13
KSBSS0852		0.11	<10	<10	18	<10	13
KSBSS0853		0.02	<10	<10	6	<10	6
KSBSS0854		0.40	<10	<10	16	<10	63
KSBSS0855		0.20	<10	<10	59	<10	24
KSBSS0856		0.03	<10	<10	74	<10	13
KSBSS0857		0.37	<10	<10	166	<10	43
KSBSS0858		0.09	<10	<10	121	<10	21

Comments: Samples Submitted by: Elias Mtibilo

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