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: 25-FEB-2025
This copy reported on 11-MAR-2025
Account: SGSKSB

CERTIFICATE JD25034513

Project: KSBSGS

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

This report is for 164 samples of Sediment submitted to our lab in Jeddah, Saudi Arabia on 5-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
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
AuME-TL43	25g Trace Au + Multi Element PKG	

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: Waseem Daheri

Signature:

Andrey Tairov, Technical Manager, Ireland

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CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KSBSS0424		2.48	0.001	0.01	0.71	2.8	<10	70	0.33	0.05	1.56	0.03	18.05	4.1	17	0.36
KSBSS0425		2.57	0.001	0.02	0.67	1.5	<10	60	0.33	0.05	1.05	0.03	19.95	3.5	13	0.40
KSBSS0426		3.40	0.001	0.02	0.65	1.6	<10	60	0.33	0.05	1.08	0.03	18.35	3.7	13	0.38
KSBSS0427			0.001	0.01	0.66	1.6	<10	60	0.34	0.05	1.07	0.04	18.30	3.7	13	0.40
KSBSS0428		2.55	0.001	0.01	0.97	2.8	<10	70	0.44	0.06	1.70	0.04	21.4	5.7	22	0.49
KSBSS0429		4.42	<0.001	0.01	0.59	2.3	<10	50	0.29	0.05	0.87	0.02	21.8	3.4	13	0.33
KSBSS0430		2.50	0.001	0.01	0.94	3.7	<10	50	0.32	0.05	3.78	0.04	15.85	6.2	27	0.37
KSBSS0431		2.71	0.001	0.01	0.75	3.3	<10	60	0.29	0.05	2.68	0.04	16.55	5.1	20	0.30
KSBSS0432		2.60	0.003	0.01	0.98	6.4	<10	50	0.23	0.01	4.72	0.02	23.4	6.7	8	0.22
KSBSS0433		2.35	0.002	<0.01	1.02	8.6	<10	60	0.36	0.05	9.37	0.06	19.10	7.2	28	0.37
KSBSS0434		2.60	0.001	0.01	0.66	2.0	<10	70	0.28	0.05	2.82	0.04	14.50	4.4	16	0.33
KSBSS0435		2.55	0.001	0.01	0.97	4.8	<10	70	0.34	0.05	5.16	0.06	17.25	7.1	30	0.39
KSBSS0436		2.53	0.002	0.01	1.28	6.6	<10	60	0.48	0.08	3.37	0.05	20.8	9.1	34	0.52
KSBSS0437		2.55	0.003	<0.01	1.48	9.7	20	70	0.39	0.05	11.25	0.05	19.50	15.2	69	0.32
KSBSS0438		2.39	0.002	0.01	1.17	7.4	20	40	0.31	0.05	11.15	0.05	13.70	11.7	53	0.28
KSBSS0439		2.41	0.001	0.01	0.75	2.2	<10	60	0.36	0.06	1.18	0.04	22.0	4.6	16	0.40
KSBSS0440		3.22	<0.001	0.01	0.90	2.6	<10	60	0.40	0.07	1.31	0.04	21.5	5.6	19	0.48
KSBSS0441		2.32	0.001	0.01	0.65	1.9	<10	70	0.34	0.05	1.14	0.03	14.50	3.2	14	0.36
KSBSS0443		2.51	0.001	0.01	0.68	2.4	<10	50	0.33	0.06	1.22	0.03	17.70	4.1	17	0.41
KSBSS0444		2.51	<0.001	0.02	0.85	2.0	<10	70	0.39	0.07	1.02	0.04	21.2	5.1	17	0.42
KSBSS0445		2.45	0.001	0.01	0.62	1.7	<10	50	0.31	0.07	1.01	0.04	25.9	4.1	13	0.36
KSBSS0446		2.58	0.001	0.01	0.75	2.7	<10	60	0.34	0.06	1.88	0.05	18.70	4.8	19	0.40
KSBSS0447			0.001	0.01	0.72	2.8	<10	60	0.33	0.07	1.86	0.05	18.45	4.8	18	0.39
KSBSS0448		2.26	0.001	0.01	0.80	2.2	<10	60	0.36	0.06	1.45	0.04	20.5	4.8	18	0.43
KSBSS0449		2.53	0.001	0.01	0.67	1.8	<10	50	0.38	0.05	0.90	0.03	19.90	3.7	14	0.40
KSBSS0450		2.49	0.001	0.01	0.48	1.4	<10	40	0.29	0.05	0.83	0.03	19.95	2.7	10	0.33
KSBSS0451		2.53	0.002	<0.01	1.92	6.4	10	110	0.46	0.03	7.14	0.03	21.9	24.5	56	0.11
KSBSS0452		2.53	0.002	<0.01	1.62	14.0	<10	40	0.22	0.01	10.75	0.04	4.70	20.7	38	0.07
KSBSS0453		2.48	0.001	0.01	0.81	2.4	<10	50	0.26	0.04	1.45	0.03	16.15	6.4	22	0.25
KSBSS0454		2.44	0.001	0.01	0.70	2.1	<10	60	0.26	0.04	1.31	0.03	13.70	5.0	18	0.27
KSBSS0455		2.44	0.002	0.01	1.03	4.0	<10	50	0.39	0.06	2.04	0.04	19.75	7.1	27	0.43
KSBSS0456		2.47	0.002	0.01	0.88	6.9	<10	70	0.29	0.01	3.80	0.03	28.4	4.4	8	0.28
KSBSS0457		2.52	0.002	0.01	0.92	3.7	<10	60	0.35	0.06	2.63	0.06	18.35	6.4	28	0.47
KSBSS0458		2.56	0.002	0.01	0.70	2.7	<10	50	0.30	0.05	1.46	0.04	16.90	4.9	19	0.35
KSBSS0459		2.50	0.001	0.01	0.57	2.1	<10	50	0.28	0.04	0.89	0.02	15.45	3.6	13	0.31
KSBSS0460		2.51	<0.001	0.01	0.57	1.8	<10	40	0.27	0.04	0.76	0.03	18.30	3.8	12	0.28
KSBSS0461		2.56	<0.001	0.01	0.62	1.8	<10	50	0.30	0.05	1.03	0.03	20.8	3.6	13	0.32
KSBSS0462		0.40	<0.001	0.05	0.01	0.4	<10	<10	<0.05	0.01	0.01	<0.01	4.11	0.3	2	<0.05
KSBSS0463		2.56	<0.001	0.01	0.51	1.5	<10	50	0.29	0.05	0.86	0.03	18.10	3.1	10	0.30
KSBSS0464		2.62	<0.001	0.01	0.48	1.6	<10	40	0.28	0.04	0.77	0.02	19.00	2.9	10	0.32

Comments: Samples Submitted by: Waseem Daheri

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Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KSBSS0424		10.4	1.07	2.36	<0.05	0.12	<0.01	0.009	0.15	11.0	7.7	0.37	177	0.37	0.04	0.10
KSBSS0425		11.4	1.06	2.23	<0.05	0.13	<0.01	0.009	0.14	12.2	7.8	0.30	170	0.39	0.05	0.11
KSBSS0426		10.4	0.93	2.13	<0.05	0.11	<0.01	0.008	0.13	11.4	7.8	0.31	161	0.33	0.03	0.08
KSBSS0427		10.6	0.94	2.19	<0.05	0.11	<0.01	0.009	0.13	11.2	7.6	0.31	165	0.32	0.03	0.09
KSBSS0428		12.0	1.32	2.99	0.05	0.10	<0.01	0.012	0.19	12.2	9.1	0.53	215	0.35	0.03	0.07
KSBSS0429		9.1	0.89	2.03	<0.05	0.11	<0.01	0.008	0.10	13.3	7.5	0.32	145	0.25	0.03	0.12
KSBSS0430		14.4	1.33	2.69	<0.05	0.15	<0.01	0.009	0.19	9.0	7.8	0.61	213	0.57	0.06	0.10
KSBSS0431		13.4	1.11	2.28	<0.05	0.09	<0.01	0.009	0.14	9.5	6.6	0.46	171	0.31	0.05	0.08
KSBSS0432		11.6	1.90	2.70	<0.05	0.08	<0.01	0.005	0.08	12.5	6.7	0.58	336	0.33	0.02	0.10
KSBSS0433		15.8	1.52	2.89	<0.05	0.07	<0.01	0.009	0.12	11.2	8.4	0.60	213	0.33	0.07	0.11
KSBSS0434		9.7	0.92	2.00	<0.05	0.09	<0.01	0.009	0.13	8.5	6.3	0.41	172	0.27	0.02	0.08
KSBSS0435		14.6	1.32	2.83	<0.05	0.07	<0.01	0.009	0.18	9.8	8.1	0.65	221	0.29	0.01	0.07
KSBSS0436		16.8	1.66	3.83	0.05	0.08	<0.01	0.014	0.32	10.8	9.9	0.78	277	0.31	0.03	<0.05
KSBSS0437		34.6	2.21	3.49	0.05	0.17	<0.01	0.012	0.18	9.0	10.8	0.95	363	0.63	0.17	0.06
KSBSS0438		22.5	1.65	2.89	<0.05	0.19	<0.01	0.010	0.15	7.1	9.9	0.77	269	0.76	0.06	0.11
KSBSS0439		11.2	1.04	2.51	<0.05	0.10	<0.01	0.011	0.15	12.8	7.8	0.42	174	0.26	0.02	0.07
KSBSS0440		13.4	1.22	2.79	0.05	0.08	<0.01	0.011	0.17	12.4	9.0	0.50	208	0.33	0.02	0.05
KSBSS0441		8.5	0.95	2.18	<0.05	0.12	<0.01	0.008	0.16	9.7	7.2	0.29	150	0.32	0.05	0.11
KSBSS0443		9.9	0.96	2.31	<0.05	0.10	<0.01	0.010	0.15	11.0	7.6	0.37	154	0.24	0.02	0.10
KSBSS0444		13.8	1.28	2.73	<0.05	0.12	<0.01	0.010	0.18	12.4	8.7	0.41	223	0.38	0.04	0.05
KSBSS0445		11.4	0.94	2.12	<0.05	0.12	<0.01	0.009	0.12	15.0	7.8	0.34	172	0.32	0.03	0.08
KSBSS0446		11.8	1.07	2.47	<0.05	0.12	<0.01	0.010	0.16	11.0	7.9	0.46	199	0.34	0.05	0.11
KSBSS0447		11.7	1.05	2.41	<0.05	0.11	<0.01	0.008	0.16	11.0	7.7	0.45	196	0.35	0.04	0.11
KSBSS0448		11.6	1.09	2.58	0.05	0.07	<0.01	0.010	0.15	12.0	7.9	0.46	186	0.29	0.02	0.08
KSBSS0449		9.6	0.92	2.27	<0.05	0.11	<0.01	0.010	0.14	11.8	7.8	0.35	154	0.24	0.02	0.09
KSBSS0450		7.1	0.71	1.83	<0.05	0.10	<0.01	0.007	0.10	12.5	7.2	0.23	119	0.19	0.02	0.12
KSBSS0451		41.8	3.54	3.91	0.06	0.10	<0.01	0.016	0.10	11.7	6.4	1.30	777	0.41	0.10	<0.05
KSBSS0452		10.2	2.48	2.35	<0.05	0.07	<0.01	0.009	0.09	2.8	8.2	1.12	560	0.50	0.03	<0.05
KSBSS0453		16.0	1.19	2.23	<0.05	0.08	<0.01	0.007	0.10	10.0	6.0	0.49	223	0.22	0.02	0.06
KSBSS0454		11.8	0.98	2.12	<0.05	0.09	<0.01	0.007	0.12	8.6	6.0	0.40	172	0.24	0.04	0.06
KSBSS0455		13.0	1.38	3.14	<0.05	0.07	<0.01	0.011	0.20	10.8	7.0	0.56	240	0.25	0.03	<0.05
KSBSS0456		4.6	1.64	3.08	0.06	0.16	<0.01	0.009	0.13	15.9	4.6	0.46	314	0.67	0.05	0.18
KSBSS0457		13.0	1.34	2.93	0.05	0.08	<0.01	0.011	0.18	10.6	8.2	0.62	232	0.35	0.03	0.10
KSBSS0458		11.0	1.08	2.30	<0.05	0.09	<0.01	0.009	0.13	10.0	7.1	0.45	179	0.25	0.05	0.08
KSBSS0459		9.6	0.87	1.94	<0.05	0.11	<0.01	0.007	0.10	10.2	6.7	0.30	151	0.26	0.03	0.12
KSBSS0460		10.6	0.85	1.98	<0.05	0.08	<0.01	0.008	0.09	10.8	6.6	0.29	146	0.20	0.02	0.11
KSBSS0461		9.3	0.88	2.21	0.05	0.10	<0.01	0.010	0.11	12.2	7.4	0.30	152	0.22	0.03	0.15
KSBSS0462		1.7	0.33	0.12	<0.05	0.05	<0.01	<0.005	<0.01	1.9	<0.1	<0.01	35	0.17	<0.01	<0.05
KSBSS0463		8.1	0.74	1.87	<0.05	0.09	<0.01	0.008	0.10	11.0	7.0	0.26	130	0.21	0.02	0.14
KSBSS0464		7.7	0.72	1.82	<0.05	0.09	<0.01	0.007	0.09	11.4	7.2	0.24	121	0.18	0.02	0.13

Comments: Samples Submitted by: Waseem Daheri

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Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KSBSS0424		14.0	190	3.3	7.7	<0.001	<0.01	0.09	1.8	<0.2	0.6	53.3	<0.01	<0.01	4.6	0.037
KSBSS0425		10.6	170	3.2	8.1	<0.001	<0.01	0.08	1.8	<0.2	0.7	41.6	<0.01	0.01	5.1	0.041
KSBSS0426		12.4	200	3.1	7.2	<0.001	<0.01	0.07	1.7	<0.2	0.6	34.0	<0.01	<0.01	4.6	0.030
KSBSS0427		12.4	200	3.2	7.4	<0.001	<0.01	0.07	1.7	<0.2	0.6	34.3	<0.01	0.01	4.7	0.033
KSBSS0428		21.8	220	3.7	9.0	<0.001	<0.01	0.10	2.6	<0.2	0.7	56.0	<0.01	0.01	5.6	0.045
KSBSS0429		10.1	180	2.9	5.4	<0.001	<0.01	0.07	1.5	<0.2	0.6	39.9	<0.01	<0.01	5.5	0.034
KSBSS0430		22.5	300	3.2	6.8	<0.001	1.06	0.10	2.4	0.5	0.4	276	<0.01	0.01	3.5	0.043
KSBSS0431		17.6	180	3.0	5.6	<0.001	<0.01	0.09	2.0	<0.2	0.4	72.1	<0.01	0.01	4.0	0.042
KSBSS0432		6.3	300	2.2	2.6	<0.001	0.38	0.09	2.3	0.2	0.2	298	<0.01	<0.01	2.5	0.056
KSBSS0433		22.4	240	4.5	5.3	<0.001	0.03	0.12	2.6	0.3	0.3	152.5	<0.01	0.01	3.7	0.042
KSBSS0434		17.2	210	2.9	5.6	<0.001	<0.01	0.08	1.8	<0.2	0.4	59.3	<0.01	0.01	3.4	0.032
KSBSS0435		27.9	220	3.6	6.9	<0.001	<0.01	0.10	2.5	<0.2	0.4	87.3	<0.01	0.01	3.9	0.043
KSBSS0436		41.3	140	4.9	10.2	<0.001	<0.01	0.11	3.4	<0.2	0.5	86.1	<0.01	0.01	4.3	0.044
KSBSS0437		46.8	250	4.5	5.7	0.001	0.87	0.15	4.0	0.8	0.4	221	<0.01	0.02	2.8	0.072
KSBSS0438		38.8	310	4.1	5.2	<0.001	2.69	0.11	2.8	0.7	0.3	385	<0.01	0.01	2.3	0.049
KSBSS0439		17.6	190	3.2	7.1	<0.001	<0.01	0.07	2.0	<0.2	0.6	37.4	<0.01	0.01	5.1	0.032
KSBSS0440		22.6	210	3.7	8.3	<0.001	<0.01	0.09	2.4	<0.2	0.6	39.7	<0.01	0.01	5.2	0.035
KSBSS0441		11.0	180	3.1	8.6	<0.001	<0.01	0.07	1.6	<0.2	0.6	66.9	<0.01	<0.01	3.7	0.033
KSBSS0443		15.4	180	3.1	7.4	<0.001	<0.01	0.07	1.8	<0.2	0.5	63.2	<0.01	0.01	4.3	0.034
KSBSS0444		17.2	250	3.7	8.8	<0.001	<0.01	0.08	2.2	<0.2	0.7	42.8	<0.01	0.01	5.6	0.038
KSBSS0445		13.5	250	3.3	6.3	<0.001	0.01	0.07	1.7	<0.2	0.6	39.2	<0.01	0.01	6.7	0.031
KSBSS0446		18.0	280	3.3	7.5	<0.001	0.04	0.08	2.0	0.2	0.6	71.4	<0.01	0.01	4.5	0.037
KSBSS0447		18.0	280	3.4	7.5	<0.001	0.04	0.08	2.0	0.2	0.5	70.8	<0.01	0.02	4.7	0.034
KSBSS0448		19.4	220	3.4	7.8	<0.001	<0.01	0.09	2.2	<0.2	0.6	42.9	<0.01	0.01	4.7	0.034
KSBSS0449		13.7	180	3.0	7.3	<0.001	<0.01	0.07	1.8	<0.2	0.6	34.9	<0.01	<0.01	4.8	0.033
KSBSS0450		8.0	170	2.6	5.7	<0.001	<0.01	0.05	1.3	<0.2	0.6	28.4	<0.01	0.01	4.7	0.026
KSBSS0451		46.8	670	6.7	2.5	<0.001	0.11	0.05	7.4	0.3	0.4	190.5	<0.01	0.01	2.0	0.086
KSBSS0452		22.2	230	0.9	2.1	<0.001	1.66	0.05	5.0	0.4	0.4	384	<0.01	0.01	0.6	0.034
KSBSS0453		19.0	270	2.9	4.5	<0.001	<0.01	0.07	1.8	<0.2	0.3	43.5	<0.01	<0.01	2.8	0.047
KSBSS0454		15.6	170	2.7	5.4	<0.001	0.03	0.06	1.8	<0.2	0.4	50.8	<0.01	0.01	2.9	0.039
KSBSS0455		28.3	170	4.2	8.0	<0.001	<0.01	0.09	2.7	<0.2	0.4	71.5	<0.01	0.02	3.7	0.041
KSBSS0456		4.9	210	4.0	4.8	<0.001	0.61	0.08	2.5	0.2	0.3	180.5	<0.01	<0.01	3.2	0.081
KSBSS0457		26.7	290	3.8	7.9	<0.001	0.01	0.10	2.5	0.2	0.5	85.5	<0.01	0.01	4.4	0.045
KSBSS0458		18.8	170	3.2	6.0	<0.001	0.01	0.08	1.8	<0.2	0.5	49.2	<0.01	0.01	4.1	0.037
KSBSS0459		10.1	210	2.7	5.7	<0.001	<0.01	0.06	1.4	0.2	0.5	42.2	<0.01	0.01	3.7	0.034
KSBSS0460		10.0	220	2.5	4.8	<0.001	<0.01	0.06	1.4	<0.2	0.5	38.2	<0.01	0.01	4.2	0.035
KSBSS0461		9.7	210	3.0	6.3	<0.001	<0.01	0.07	1.5	<0.2	0.7	47.5	<0.01	0.01	5.3	0.039
KSBSS0462		0.6	20	4.6	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	10.2	<0.01	<0.01	1.1	<0.005
KSBSS0463		8.1	180	2.6	5.4	<0.001	<0.01	0.06	1.2	<0.2	0.6	37.9	<0.01	0.01	4.4	0.031
KSBSS0464		7.7	160	2.5	5.0	<0.001	<0.01	0.05	1.2	<0.2	0.6	29.0	<0.01	0.01	4.5	0.030

Comments: Samples Submitted by: Waseem Daheri

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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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
KSBSS0424		0.04	0.88	22	0.07	6.10	18	3.0
KSBSS0425		0.04	0.86	19	0.08	6.69	17	3.3
KSBSS0426		0.04	0.79	18	0.06	5.85	17	3.0
KSBSS0427		0.03	0.81	18	0.07	6.04	17	3.2
KSBSS0428		0.05	0.83	28	0.05	7.13	24	3.5
KSBSS0429		0.03	0.86	21	0.10	6.39	17	2.6
KSBSS0430		0.04	0.62	27	0.06	5.13	26	4.4
KSBSS0431		0.03	0.80	28	0.06	5.19	19	2.9
KSBSS0432		0.02	0.67	37	0.07	6.79	38	1.9
KSBSS0433		0.03	0.85	46	0.06	6.10	25	2.6
KSBSS0434		0.03	0.66	19	<0.05	4.97	17	3.1
KSBSS0435		0.04	0.75	33	<0.05	5.73	24	2.8
KSBSS0436		0.06	0.80	41	<0.05	6.69	30	2.8
KSBSS0437		0.04	0.76	68	0.10	6.56	29	7.0
KSBSS0438		0.03	0.73	39	0.13	4.88	24	6.4
KSBSS0439		0.04	0.78	22	0.05	6.24	21	3.2
KSBSS0440		0.04	0.84	25	<0.05	6.31	24	3.1
KSBSS0441		0.04	0.82	17	0.06	5.91	16	3.3
KSBSS0443		0.04	0.89	22	0.06	5.93	19	3.0
KSBSS0444		0.04	0.90	22	0.05	6.86	21	3.5
KSBSS0445		0.03	0.97	20	0.07	6.50	19	3.1
KSBSS0446		0.04	0.85	23	0.06	6.29	22	3.4
KSBSS0447		0.04	0.86	23	0.06	6.19	21	3.4
KSBSS0448		0.04	0.76	21	0.05	6.13	22	2.7
KSBSS0449		0.04	0.74	19	0.05	6.24	19	3.0
KSBSS0450		0.03	0.74	15	0.06	5.54	15	2.5
KSBSS0451		0.02	0.68	67	0.17	5.91	67	3.8
KSBSS0452		<0.02	0.64	60	0.13	2.77	38	2.5
KSBSS0453		0.02	0.49	26	0.06	5.11	20	2.3
KSBSS0454		0.03	0.66	21	0.05	5.03	17	2.8
KSBSS0455		0.05	0.74	31	<0.05	6.59	26	2.5
KSBSS0456		0.03	0.60	34	0.16	9.54	32	3.0
KSBSS0457		0.04	0.88	36	0.05	6.49	26	3.0
KSBSS0458		0.03	0.74	27	0.05	5.61	20	2.9
KSBSS0459		0.03	0.70	19	0.08	5.65	16	2.6
KSBSS0460		0.03	0.72	19	0.06	6.13	17	2.5
KSBSS0461		0.03	0.84	20	0.08	7.00	17	3.0
KSBSS0462		<0.02	0.27	<1	<0.05	1.47	<2	1.4
KSBSS0463		0.03	0.74	17	0.07	6.50	15	2.7
KSBSS0464		0.03	0.74	15	0.07	6.23	15	2.5

Comments: Samples Submitted by: Waseem Daheri

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

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JEDDAH -AHMED BIN MOHAMMED AL ASHAB
ZIP CODE: 21514
JEDDAH 21514

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KSBSS0465		2.64	<0.001	0.01	0.62	1.5	<10	50	0.32	0.05	1.21	0.05	20.6	4.0	12	0.31
KSBSS0466		2.58	0.001	0.01	0.93	3.2	<10	60	0.41	0.07	1.59	0.05	22.4	6.3	21	0.44
KSBSS0467			0.001	0.01	0.90	3.2	<10	60	0.41	0.07	1.56	0.04	22.0	6.2	20	0.40
KSBSS0468		2.39	<0.001	0.01	0.50	1.3	<10	60	0.26	0.05	1.42	0.04	15.20	3.2	10	0.27
KSBSS0469		2.60	<0.001	0.01	0.70	1.9	<10	50	0.33	0.05	0.87	0.03	17.55	4.3	15	0.35
KSBSS0470		2.48	<0.001	0.01	0.65	1.9	<10	50	0.31	0.06	1.06	0.03	19.25	4.5	14	0.34
KSBSS0471		2.57	<0.001	0.01	0.51	1.5	<10	40	0.28	0.05	0.92	0.03	20.7	3.3	11	0.32
KSBSS0472		2.50	<0.001	0.01	0.47	1.1	<10	40	0.26	0.04	1.03	0.02	17.80	2.9	10	0.31
KSBSS0473		2.64	<0.001	0.01	0.77	3.9	<10	50	0.32	0.06	2.09	0.04	16.60	5.9	23	0.32
KSBSS0474		2.57	<0.001	0.01	0.52	1.6	<10	40	0.27	0.05	0.74	0.02	17.70	3.1	11	0.27
KSBSS0475		2.45	0.001	0.01	0.69	2.8	<10	60	0.31	0.05	2.12	0.05	19.50	4.9	18	0.37
KSBSS0476		2.49	<0.001	0.01	0.61	1.9	<10	40	0.31	0.05	0.87	0.04	20.1	3.7	12	0.32
KSBSS0477		2.40	<0.001	0.01	0.50	1.6	<10	40	0.27	0.05	0.92	0.02	19.00	3.1	11	0.28
KSBSS0478		2.60	<0.001	0.01	0.52	1.7	<10	40	0.28	0.05	0.79	0.03	21.0	3.1	11	0.31
KSBSS0479		2.61	<0.001	0.01	0.47	1.2	<10	50	0.24	0.05	1.19	0.03	19.15	3.0	9	0.28
KSBSS0480		2.62	<0.001	0.01	0.60	1.5	<10	60	0.28	0.06	1.49	0.04	19.70	3.8	13	0.31
KSBSS0481		2.66	0.004	0.01	0.82	4.2	<10	70	0.37	0.06	2.03	0.05	20.6	5.0	22	0.39
KSBSS0482		2.53	0.002	0.01	0.75	2.2	<10	70	0.34	0.06	1.68	0.04	19.90	4.5	20	0.37
KSBSS0483		2.63	0.001	0.02	0.86	2.5	<10	70	0.40	0.07	1.53	0.04	21.4	5.2	21	0.43
KSBSS0484		2.62	0.001	0.01	0.66	3.2	<10	70	0.32	0.05	1.38	0.04	18.10	4.2	17	0.32
KSBSS0485		2.60	<0.001	0.02	0.65	1.8	<10	80	0.32	0.05	1.95	0.05	16.15	3.9	16	0.34
KSBSS0486		2.53	<0.001	0.01	1.00	3.1	<10	60	0.42	0.25	1.37	0.05	23.6	6.2	26	0.44
KSBSS0487			<0.001	0.01	1.03	3.0	<10	60	0.43	0.22	1.37	0.05	23.6	6.3	26	0.47
KSBSS0488		2.71	<0.001	0.01	0.50	1.4	<10	50	0.29	0.05	0.92	0.03	18.20	2.9	13	0.32
KSBSS0489		2.63	<0.001	0.01	0.76	1.8	<10	60	0.37	0.06	1.30	0.05	21.9	4.6	20	0.42
KSBSS0490		2.59	<0.001	0.01	0.67	2.1	<10	60	0.32	0.05	0.95	0.03	19.20	3.9	16	0.31
KSBSS0491		2.63	0.001	0.01	0.95	3.4	<10	50	0.37	0.07	2.75	0.06	19.15	6.9	28	0.42
KSBSS0492		2.50	0.002	0.01	1.04	4.3	<10	60	0.41	0.07	3.55	0.07	22.3	7.9	32	0.48
KSBSS0493		2.46	<0.001	0.01	0.62	2.2	<10	50	0.30	0.05	1.13	0.03	20.6	3.7	17	0.31
KSBSS0494		2.60	<0.001	0.01	0.64	1.4	<10	50	0.36	0.05	0.88	0.03	21.7	3.2	16	0.35
KSBSS0495		2.56	0.001	0.02	0.69	2.1	<10	60	0.36	0.06	1.45	0.03	18.95	4.1	18	0.40
KSBSS0496		2.66	0.001	0.02	0.68	2.3	<10	70	0.35	0.05	1.47	0.04	19.75	3.9	22	0.37
KSBSS0497		2.55	0.001	0.02	0.92	2.7	<10	90	0.39	0.07	3.22	0.08	21.0	6.1	25	0.49
KSBSS0498		2.27	0.001	0.01	0.84	2.8	<10	70	0.38	0.07	2.64	0.06	19.85	5.9	22	0.44
KSBSS0500		2.54	0.001	0.01	0.64	1.9	<10	70	0.36	0.06	1.58	0.04	19.00	3.7	17	0.40
KSBSS0501		2.43	0.001	0.01	0.62	1.7	<10	60	0.34	0.06	0.95	0.03	24.0	3.5	15	0.41
KSBSS0502		0.40	<0.001	0.04	0.01	0.1	<10	<10	<0.05	<0.01	0.01	<0.01	4.49	0.1	3	<0.05
KSBSS0504		2.53	<0.001	0.02	0.66	1.6	<10	90	0.33	0.07	1.72	0.04	16.00	3.9	16	0.37
KSBSS0505		2.57	<0.001	0.02	0.75	2.4	<10	80	0.35	0.08	1.83	0.05	15.80	4.9	18	0.39
KSBSS0506		2.63	0.001	0.01	0.99	2.9	<10	70	0.44	0.08	2.08	0.05	19.20	6.2	27	0.57

Comments: Samples Submitted by: Waseem Daheri

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Australian Laboratory Services Arabia Co. Ltd.
P.O. Box 54605
Industrial Area 1, Phase 4, Street 62
Jeddah 21254
www.alsarabia.com

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JEDDAH 21514

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KSBSS0465		10.5	0.87	2.05	<0.05	0.08	<0.01	0.009	0.10	11.8	7.0	0.33	169	0.21	0.02	0.08
KSBSS0466		13.0	1.18	2.98	0.05	0.08	<0.01	0.012	0.20	11.8	9.2	0.55	210	0.24	0.02	0.06
KSBSS0467		12.6	1.15	2.84	0.05	0.09	<0.01	0.012	0.19	11.6	8.9	0.54	206	0.23	0.02	0.05
KSBSS0468		8.9	0.75	1.76	<0.05	0.09	<0.01	0.008	0.09	9.1	6.4	0.26	137	0.20	0.02	0.13
KSBSS0469		11.4	0.97	2.29	<0.05	0.09	<0.01	0.008	0.13	10.2	7.5	0.39	158	0.21	0.02	0.07
KSBSS0470		12.4	0.92	2.21	<0.05	0.08	<0.01	0.010	0.11	10.8	7.1	0.34	162	0.22	0.02	0.07
KSBSS0471		10.2	0.75	1.87	<0.05	0.08	<0.01	0.008	0.09	11.8	6.4	0.26	133	0.21	0.01	0.12
KSBSS0472		9.5	0.71	1.76	<0.05	0.09	<0.01	0.008	0.09	10.8	6.9	0.24	127	0.19	0.02	0.14
KSBSS0473		11.8	1.10	2.58	<0.05	0.06	<0.01	0.010	0.16	9.0	6.2	0.50	194	0.24	0.01	0.07
KSBSS0474		9.0	0.80	1.84	<0.05	0.09	<0.01	0.007	0.09	10.7	6.6	0.27	132	0.26	0.02	0.12
KSBSS0475		11.1	1.02	2.42	<0.05	0.08	<0.01	0.011	0.14	11.4	8.6	0.47	186	0.25	0.03	0.11
KSBSS0476		9.8	0.90	2.15	0.05	0.09	<0.01	0.018	0.11	12.0	7.4	0.33	159	0.21	0.03	0.13
KSBSS0477		8.0	0.75	1.77	<0.05	0.09	<0.01	0.007	0.09	11.3	7.0	0.28	131	0.22	0.02	0.13
KSBSS0478		8.3	0.80	1.90	<0.05	0.09	<0.01	0.008	0.10	12.5	7.1	0.27	136	0.19	0.02	0.14
KSBSS0479		8.6	0.73	1.71	<0.05	0.09	<0.01	0.007	0.08	11.1	6.2	0.25	129	0.19	0.02	0.16
KSBSS0480		9.8	0.86	2.01	<0.05	0.10	<0.01	0.008	0.11	11.1	7.0	0.34	159	0.26	0.03	0.12
KSBSS0481		11.2	1.22	2.69	<0.05	0.10	<0.01	0.010	0.17	11.6	8.3	0.47	207	0.54	0.04	0.11
KSBSS0482		10.7	1.14	2.51	<0.05	0.10	<0.01	0.010	0.16	11.0	7.9	0.42	191	0.49	0.04	0.12
KSBSS0483		11.7	1.25	2.74	<0.05	0.12	<0.01	0.011	0.19	12.0	9.4	0.49	211	0.54	0.06	0.08
KSBSS0484		11.0	1.04	2.22	<0.05	0.11	<0.01	0.008	0.15	10.2	7.2	0.36	183	0.59	0.04	0.09
KSBSS0485		10.0	1.05	2.07	<0.05	0.12	<0.01	0.009	0.15	9.2	6.6	0.37	183	0.58	0.06	0.10
KSBSS0486		14.5	1.36	3.02	0.05	0.09	<0.01	0.013	0.21	12.7	9.4	0.57	230	0.62	0.05	0.05
KSBSS0487		14.7	1.37	3.11	0.05	0.09	<0.01	0.013	0.21	12.4	9.4	0.57	229	0.64	0.06	0.05
KSBSS0488		9.1	0.82	1.78	<0.05	0.11	<0.01	0.007	0.11	10.6	6.5	0.23	141	0.62	0.03	0.14
KSBSS0489		12.1	1.18	2.52	0.05	0.11	<0.01	0.010	0.16	12.2	8.6	0.39	207	0.66	0.04	0.10
KSBSS0490		11.2	1.04	2.18	<0.05	0.10	<0.01	0.009	0.14	11.3	6.9	0.33	179	0.56	0.04	0.09
KSBSS0491		12.6	1.32	2.93	0.05	0.07	<0.01	0.013	0.19	10.1	8.3	0.65	239	0.48	0.02	0.07
KSBSS0492		14.8	1.47	3.30	0.05	0.06	<0.01	0.013	0.21	11.8	10.2	0.81	270	0.45	0.01	0.09
KSBSS0493		9.3	0.98	2.15	0.05	0.10	<0.01	0.008	0.12	12.0	7.8	0.33	163	0.67	0.04	0.14
KSBSS0494		8.6	1.05	2.27	0.05	0.11	<0.01	0.008	0.14	13.0	7.8	0.29	166	0.66	0.06	0.15
KSBSS0495		10.2	1.08	2.48	<0.05	0.13	<0.01	0.008	0.15	11.3	8.0	0.35	184	0.74	0.05	0.13
KSBSS0496		9.8	1.05	2.38	<0.05	0.13	<0.01	0.008	0.15	11.8	7.9	0.37	180	0.74	0.05	0.13
KSBSS0497		12.9	1.34	3.08	<0.05	0.12	<0.01	0.012	0.19	11.3	9.4	0.62	238	0.59	0.05	0.12
KSBSS0498		13.2	1.14	2.79	<0.05	0.09	<0.01	0.010	0.17	10.9	8.1	0.55	216	0.60	0.02	0.08
KSBSS0500		9.1	0.98	2.40	<0.05	0.13	<0.01	0.010	0.16	11.5	8.4	0.38	165	0.65	0.05	0.13
KSBSS0501		9.5	0.99	2.40	0.05	0.13	<0.01	0.010	0.13	14.0	7.8	0.30	161	0.70	0.04	0.14
KSBSS0502		1.6	0.32	0.13	<0.05	0.05	<0.01	<0.005	<0.01	2.0	<0.1	<0.01	34	0.21	<0.01	<0.05
KSBSS0504		10.7	1.09	2.27	<0.05	0.12	<0.01	0.009	0.15	9.5	6.7	0.33	186	0.75	0.05	0.10
KSBSS0505		12.0	1.20	2.47	<0.05	0.14	<0.01	0.010	0.18	8.9	7.6	0.43	208	0.62	0.06	0.06
KSBSS0506		14.4	1.38	3.19	0.05	0.20	<0.01	0.012	0.21	10.3	8.6	0.61	241	0.56	0.05	0.13

Comments: Samples Submitted by: Waseem Daheri

***** 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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KSBSS0465		12.0	290	3.0	5.0	<0.001	<0.01	0.06	1.4	0.2	0.5	34.3	<0.01	0.01	4.5	0.028
KSBSS0466		24.1	230	4.3	8.5	<0.001	<0.01	0.08	2.3	0.2	0.6	50.4	<0.01	0.01	4.8	0.034
KSBSS0467		23.8	220	4.4	8.0	<0.001	<0.01	0.08	2.2	<0.2	0.6	48.6	<0.01	0.01	5.2	0.032
KSBSS0468		8.4	250	2.6	5.0	<0.001	<0.01	0.05	1.2	<0.2	0.5	39.1	<0.01	0.01	3.7	0.029
KSBSS0469		15.2	140	3.0	6.2	<0.001	<0.01	0.07	1.7	<0.2	0.6	35.8	<0.01	0.01	4.4	0.032
KSBSS0470		15.2	190	2.9	6.0	<0.001	<0.01	0.07	1.6	0.2	0.6	35.5	<0.01	0.01	4.4	0.029
KSBSS0471		9.6	180	2.7	5.4	<0.001	<0.01	0.06	1.3	0.2	0.6	30.0	<0.01	0.01	4.3	0.029
KSBSS0472		8.2	180	2.4	5.4	<0.001	<0.01	0.05	1.2	<0.2	0.6	35.5	<0.01	0.01	4.2	0.029
KSBSS0473		23.1	160	3.1	6.1	<0.001	<0.01	0.09	1.9	0.2	0.4	58.5	<0.01	0.02	3.5	0.035
KSBSS0474		7.9	180	2.5	4.8	<0.001	<0.01	0.05	1.2	0.2	0.5	35.0	<0.01	<0.01	4.1	0.033
KSBSS0475		18.1	240	3.2	6.7	<0.001	0.01	0.08	1.8	<0.2	0.6	68.3	<0.01	0.01	4.2	0.036
KSBSS0476		10.5	230	2.8	5.7	<0.001	<0.01	0.06	1.4	<0.2	0.6	45.4	<0.01	0.01	4.7	0.035
KSBSS0477		8.9	210	2.5	4.8	<0.001	0.01	0.05	1.2	<0.2	0.6	48.6	<0.01	0.01	4.3	0.029
KSBSS0478		8.7	220	2.5	5.3	<0.001	<0.01	0.05	1.3	<0.2	0.6	38.6	<0.01	0.01	5.5	0.031
KSBSS0479		6.8	250	2.5	4.6	<0.001	<0.01	0.05	1.1	<0.2	0.5	37.8	<0.01	0.01	3.9	0.030
KSBSS0480		11.0	280	2.9	5.3	<0.001	0.03	0.07	1.4	<0.2	0.5	44.4	<0.01	0.02	4.3	0.032
KSBSS0481		16.9	230	4.1	8.1	<0.001	<0.01	0.12	2.0	0.2	0.7	74.9	<0.01	0.01	5.0	0.043
KSBSS0482		14.8	220	4.2	7.7	0.001	<0.01	0.10	1.8	0.2	0.6	61.3	<0.01	<0.01	4.5	0.041
KSBSS0483		19.4	230	4.3	8.5	<0.001	0.02	0.10	2.1	0.3	0.7	60.8	<0.01	0.01	5.0	0.037
KSBSS0484		13.8	240	3.1	7.0	0.001	<0.01	0.08	1.6	0.2	0.6	57.3	<0.01	0.01	4.3	0.032
KSBSS0485		13.6	250	3.1	7.5	0.001	0.03	0.08	1.5	0.2	0.5	61.2	<0.01	0.01	4.1	0.033
KSBSS0486		25.2	220	3.9	8.5	<0.001	0.01	0.10	2.4	<0.2	0.6	47.6	<0.01	0.02	5.2	0.039
KSBSS0487		25.4	220	4.0	9.2	<0.001	0.01	0.10	2.5	<0.2	0.7	49.6	<0.01	0.01	5.1	0.041
KSBSS0488		8.1	170	2.8	6.4	<0.001	<0.01	0.06	1.2	<0.2	0.6	31.9	<0.01	0.01	4.5	0.029
KSBSS0489		16.0	240	3.7	8.6	<0.001	<0.01	0.09	1.8	<0.2	0.8	47.0	<0.01	0.01	5.0	0.039
KSBSS0490		11.6	200	3.1	7.3	<0.001	<0.01	0.08	1.5	<0.2	0.5	39.1	<0.01	0.01	4.2	0.036
KSBSS0491		30.0	230	4.8	7.7	<0.001	<0.01	0.11	2.4	0.2	0.5	93.1	<0.01	0.02	3.9	0.038
KSBSS0492		35.2	300	4.4	8.9	<0.001	<0.01	0.11	2.6	0.2	0.5	108.0	<0.01	0.02	4.5	0.038
KSBSS0493		10.2	210	2.8	6.5	<0.001	<0.01	0.08	1.5	0.2	0.6	64.4	<0.01	0.01	4.3	0.037
KSBSS0494		9.0	220	2.7	7.6	<0.001	<0.01	0.07	1.5	<0.2	0.8	47.6	<0.01	<0.01	5.3	0.041
KSBSS0495		13.0	240	4.0	8.2	<0.001	0.02	0.08	1.9	0.3	0.6	89.8	<0.01	0.01	5.1	0.038
KSBSS0496		12.4	230	3.6	7.8	<0.001	0.01	0.08	1.8	0.2	0.6	79.0	<0.01	0.02	4.6	0.037
KSBSS0497		24.4	270	4.2	9.3	<0.001	0.03	0.10	2.7	0.3	0.6	115.0	<0.01	0.02	4.8	0.044
KSBSS0498		24.8	260	3.9	8.0	<0.001	0.01	0.10	2.4	0.2	0.5	74.6	<0.01	0.02	4.4	0.032
KSBSS0500		12.4	200	3.4	8.3	<0.001	0.01	0.08	1.8	0.2	0.7	74.6	<0.01	0.01	4.5	0.035
KSBSS0501		10.9	200	3.3	7.9	<0.001	0.01	0.08	1.8	0.2	0.8	48.3	<0.01	0.01	5.6	0.039
KSBSS0502		0.6	20	5.1	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	11.2	<0.01	0.01	1.1	<0.005
KSBSS0504		13.0	250	3.4	8.4	<0.001	0.02	0.08	1.7	0.3	0.5	58.4	<0.01	0.02	4.0	0.034
KSBSS0505		19.8	240	3.8	8.6	<0.001	0.03	0.10	2.0	0.3	0.5	66.3	<0.01	0.02	3.8	0.027
KSBSS0506		27.0	240	4.4	10.0	<0.001	0.03	0.13	2.8	0.5	0.6	82.5	<0.01	0.03	4.4	0.047

Comments: Samples Submitted by: Waseem Daheri

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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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
KSBSS0465		0.03	0.76	17	0.05	6.38	19	2.5
KSBSS0466		0.05	0.80	25	<0.05	6.81	25	3.3
KSBSS0467		0.05	0.82	25	<0.05	6.73	24	3.3
KSBSS0468		0.03	0.73	15	0.18	5.69	15	2.6
KSBSS0469		0.04	0.74	19	<0.05	5.76	20	3.0
KSBSS0470		0.03	0.71	19	<0.05	6.10	19	3.0
KSBSS0471		0.03	0.74	15	0.05	5.99	16	2.7
KSBSS0472		0.03	0.75	15	0.06	5.83	15	2.7
KSBSS0473		0.04	0.59	26	<0.05	5.80	21	2.7
KSBSS0474		0.03	0.73	20	0.07	5.89	16	2.5
KSBSS0475		0.04	0.91	26	0.05	6.63	21	3.0
KSBSS0476		0.03	0.81	20	0.07	6.76	18	2.8
KSBSS0477		0.03	0.75	18	0.07	5.87	15	2.5
KSBSS0478		0.03	0.80	17	0.07	6.52	16	2.7
KSBSS0479		0.03	0.69	15	0.08	5.83	15	2.4
KSBSS0480		0.03	0.77	17	0.08	6.09	18	3.1
KSBSS0481		0.05	0.81	24	0.06	7.32	22	3.9
KSBSS0482		0.04	0.78	22	0.07	6.79	20	3.5
KSBSS0483		0.05	0.93	23	0.06	6.96	23	4.1
KSBSS0484		0.04	0.82	20	0.05	6.38	18	3.6
KSBSS0485		0.04	0.87	17	0.06	6.10	17	3.8
KSBSS0486		0.05	0.79	27	<0.05	6.80	26	3.3
KSBSS0487		0.05	0.79	27	<0.05	7.09	26	3.6
KSBSS0488		0.03	0.78	14	0.07	5.90	14	3.0
KSBSS0489		0.05	0.92	21	0.08	7.61	21	3.7
KSBSS0490		0.04	0.73	19	0.07	6.30	18	3.2
KSBSS0491		0.05	0.65	30	<0.05	6.67	27	3.2
KSBSS0492		0.05	0.77	34	0.05	7.36	32	2.7
KSBSS0493		0.03	0.77	21	0.08	6.68	17	2.9
KSBSS0494		0.04	0.89	19	0.08	7.80	17	3.1
KSBSS0495		0.05	0.95	20	0.09	6.93	18	3.5
KSBSS0496		0.04	0.91	20	0.08	6.86	17	3.5
KSBSS0497		0.05	0.96	26	0.05	7.18	25	4.5
KSBSS0498		0.04	0.86	24	0.05	6.25	23	3.7
KSBSS0500		0.04	0.89	19	0.08	6.87	17	3.9
KSBSS0501		0.04	0.95	19	0.18	7.98	17	3.6
KSBSS0502		<0.02	0.32	<1	<0.05	1.50	<2	1.5
KSBSS0504		0.04	0.94	17	0.08	6.07	17	3.7
KSBSS0505		0.05	0.85	21	0.05	5.62	19	4.2
KSBSS0506		0.06	0.87	30	0.05	6.38	26	6.1

Comments: Samples Submitted by: Waseem Daheri

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Industrial Area 1, Phase 4, Street 62
Jeddah 21254
www.alsarabia.com

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JEDDAH -AHMED BIN MOHAMMED AL ASHAB
ZIP CODE: 21514
JEDDAH 21514

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KSBSS0507			0.001	0.01	1.00	3.0	<10	70	0.44	0.08	2.01	0.06	19.10	6.9	27	0.53
KSBSS0508		2.65	0.001	0.02	0.73	1.6	<10	60	0.36	0.06	1.09	0.03	20.5	3.8	22	0.42
KSBSS0509		2.40	0.001	0.01	0.95	3.5	<10	80	0.38	0.06	2.38	0.04	18.30	6.2	28	0.41
KSBSS0510		2.46	<0.001	0.02	0.97	3.0	<10	80	0.38	0.07	3.44	0.07	17.95	6.6	27	0.52
KSBSS0511		2.47	0.002	0.02	0.83	3.4	<10	70	0.36	0.06	3.36	0.07	18.95	5.9	26	0.51
KSBSS0512		2.48	0.001	0.02	0.71	2.8	<10	80	0.33	0.06	2.07	0.04	19.90	4.3	19	0.42
KSBSS0513		2.48	0.001	0.02	1.00	2.9	<10	80	0.42	0.08	3.98	0.08	20.8	6.8	25	0.50
KSBSS0514		2.46	<0.001	0.01	0.90	2.8	<10	80	0.39	0.07	2.84	0.05	18.55	5.5	22	0.48
KSBSS0515		2.64	0.001	0.02	0.65	1.6	<10	70	0.35	0.06	1.11	0.03	20.5	3.6	16	0.39
KSBSS0516		2.64	<0.001	0.02	0.65	1.6	<10	60	0.37	0.06	0.83	0.03	23.8	3.3	14	0.45
KSBSS0517		2.58	<0.001	0.01	0.68	2.1	<10	50	0.37	0.06	1.06	0.04	26.4	4.0	16	0.43
KSBSS0518		2.66	0.001	0.02	0.83	3.2	<10	80	0.37	0.07	3.56	0.07	19.65	5.4	21	0.48
KSBSS0519		2.54	0.001	0.01	0.88	2.5	<10	70	0.40	0.07	1.67	0.05	21.1	5.5	21	0.47
KSBSS0520		2.47	<0.001	0.02	0.88	2.6	<10	70	0.40	0.07	1.80	0.05	19.85	5.5	21	0.46
KSBSS0521		2.56	0.001	0.01	0.87	2.7	<10	70	0.41	0.08	1.28	0.04	18.15	5.6	19	0.52
KSBSS0522		2.43	0.001	0.02	0.99	2.7	<10	70	0.45	0.08	1.21	0.04	20.1	5.8	21	0.55
KSBSS0523		2.55	<0.001	0.02	0.69	2.0	<10	70	0.34	0.06	1.56	0.05	15.50	4.3	14	0.39
KSBSS0524		2.60	<0.001	0.02	0.95	3.2	<10	70	0.43	0.08	1.54	0.05	21.6	7.0	21	0.44
KSBSS0525		2.61	0.001	0.01	0.59	1.6	<10	60	0.32	0.06	0.88	0.03	18.00	3.4	14	0.34
KSBSS0526		2.54	0.001	0.02	0.60	1.4	<10	60	0.32	0.05	0.78	0.02	19.10	3.3	13	0.37
KSBSS0527			0.001	0.02	0.65	1.6	<10	60	0.33	0.05	0.77	0.03	20.2	3.6	14	0.38
KSBSS0528		2.36	0.001	0.01	0.88	3.8	<10	70	0.35	0.06	3.09	0.05	15.55	6.0	25	0.38
KSBSS0529		2.57	<0.001	0.02	0.90	3.0	<10	90	0.39	0.07	3.03	0.07	19.35	5.7	23	0.48
KSBSS0530		2.47	0.001	0.02	1.02	3.0	<10	90	0.42	0.08	3.78	0.07	18.85	6.9	28	0.54
KSBSS0531		2.59	<0.001	0.02	0.73	2.1	<10	90	0.34	0.06	2.37	0.06	16.25	4.5	17	0.39
KSBSS0532		2.57	0.001	0.01	0.80	2.3	<10	60	0.40	0.06	1.28	0.04	24.8	4.3	16	0.40
KSBSS0533		2.51	0.001	0.01	0.57	1.4	<10	50	0.31	0.05	0.82	0.02	16.90	3.0	11	0.31
KSBSS0534		2.57	<0.001	0.02	0.64	1.6	<10	60	0.36	0.05	0.94	0.03	21.5	3.2	13	0.39
KSBSS0535		2.48	0.001	0.01	0.77	2.5	<10	80	0.35	0.08	2.18	0.04	17.40	4.8	21	0.38
KSBSS0536		2.58	0.001	0.01	0.74	2.4	<10	70	0.35	0.08	1.23	0.04	18.90	4.4	17	0.36
KSBSS0537		2.68	0.001	0.01	1.04	3.1	<10	70	0.45	0.08	1.73	0.04	21.2	6.2	23	0.50
KSBSS0538		2.53	0.001	0.01	1.13	3.3	10	70	0.46	0.07	2.24	0.06	20.9	7.0	27	0.54
KSBSS0539		2.55	<0.001	0.02	0.75	2.1	<10	80	0.35	0.06	1.42	0.05	18.95	4.6	17	0.37
KSBSS0540		2.56	<0.001	0.01	0.55	1.5	<10	70	0.29	0.05	0.94	0.03	14.85	3.0	12	0.29
KSBSS0541		2.60	<0.001	0.01	0.67	1.8	<10	60	0.33	0.06	1.07	0.04	19.85	3.8	14	0.37
KSBSS0542		0.35	<0.001	0.04	0.01	0.2	<10	<10	<0.05	0.01	0.01	<0.01	4.30	0.1	2	<0.05
KSBSS0543		2.59	0.001	0.01	0.69	1.7	<10	60	0.34	0.06	0.95	0.03	18.60	3.8	15	0.34
KSBSS0544		2.49	0.001	0.01	0.65	1.8	<10	60	0.33	0.05	1.27	0.03	20.2	3.6	16	0.32
KSBSS0545		2.43	0.001	0.01	1.26	4.3	<10	80	0.40	0.06	0.56	0.02	15.80	6.8	39	0.41
KSBSS0546		2.60	0.001	0.01	1.02	4.9	<10	70	0.38	0.06	2.66	0.04	16.00	6.5	29	0.37

Comments: Samples Submitted by: Waseem Daheri

***** 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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KSBSS0507		15.0	1.38	3.36	<0.05	0.13	<0.01	0.014	0.21	10.2	9.2	0.62	239	0.55	0.07	0.07
KSBSS0508		11.5	1.05	2.47	<0.05	0.12	<0.01	0.009	0.15	12.2	7.6	0.31	180	1.28	0.05	0.10
KSBSS0509		15.7	1.34	3.16	<0.05	0.09	<0.01	0.011	0.17	10.2	7.0	0.56	200	0.36	0.03	0.08
KSBSS0510		13.3	1.34	3.19	0.05	0.08	<0.01	0.012	0.20	9.8	8.8	0.65	238	0.43	0.02	0.10
KSBSS0511		12.4	1.24	2.86	<0.05	0.08	<0.01	0.012	0.18	11.0	9.7	0.69	228	0.47	0.04	0.18
KSBSS0512		10.2	1.08	2.52	<0.05	0.13	<0.01	0.009	0.14	11.7	8.0	0.49	186	0.44	0.05	0.16
KSBSS0513		13.6	1.36	3.24	<0.05	0.09	<0.01	0.014	0.23	11.8	10.2	0.69	243	0.42	0.04	0.08
KSBSS0514		11.8	1.22	2.93	<0.05	0.11	<0.01	0.012	0.19	10.6	8.9	0.54	211	0.41	0.04	0.08
KSBSS0515		9.1	0.96	2.34	<0.05	0.13	<0.01	0.010	0.14	12.2	7.7	0.37	156	0.35	0.04	0.10
KSBSS0516		8.8	1.03	2.46	<0.05	0.17	<0.01	0.011	0.16	13.9	8.4	0.30	158	0.42	0.06	0.12
KSBSS0517		9.6	0.99	2.55	<0.05	0.12	<0.01	0.010	0.15	15.4	8.8	0.35	176	0.44	0.04	0.10
KSBSS0518		12.0	1.16	2.84	<0.05	0.09	<0.01	0.012	0.19	11.2	8.9	0.56	215	0.42	0.03	0.13
KSBSS0519		12.9	1.22	2.92	<0.05	0.12	<0.01	0.013	0.19	11.8	8.6	0.51	215	0.37	0.05	0.08
KSBSS0520		13.2	1.26	2.89	<0.05	0.12	<0.01	0.012	0.19	10.9	8.7	0.51	218	0.38	0.07	0.07
KSBSS0521		13.0	1.18	2.83	<0.05	0.18	<0.01	0.011	0.20	10.0	8.0	0.48	213	0.41	0.02	0.10
KSBSS0522		13.2	1.30	3.17	<0.05	0.12	<0.01	0.012	0.22	11.0	9.1	0.53	225	0.42	0.04	0.05
KSBSS0523		10.0	0.99	2.25	<0.05	0.14	<0.01	0.009	0.16	8.5	6.9	0.40	184	0.39	0.05	0.06
KSBSS0524		15.6	1.32	3.06	<0.05	0.13	<0.01	0.012	0.22	12.0	9.3	0.58	243	0.40	0.05	0.05
KSBSS0525		10.2	0.90	2.11	<0.05	0.13	<0.01	0.007	0.13	10.6	6.7	0.29	147	0.38	0.04	0.11
KSBSS0526		10.3	0.91	2.15	<0.05	0.12	<0.01	0.008	0.13	11.4	6.4	0.26	152	0.37	0.04	0.13
KSBSS0527		10.9	0.99	2.22	<0.05	0.12	<0.01	0.009	0.14	12.0	6.8	0.29	164	0.36	0.04	0.11
KSBSS0528		15.0	1.28	2.92	<0.05	0.11	<0.01	0.010	0.16	8.3	7.0	0.54	203	0.36	0.03	0.07
KSBSS0529		12.4	1.26	3.02	<0.05	0.11	<0.01	0.013	0.20	10.6	9.3	0.59	218	0.44	0.08	0.09
KSBSS0530		13.6	1.44	3.23	<0.05	0.11	<0.01	0.014	0.21	10.4	10.2	0.74	252	0.47	0.04	0.10
KSBSS0531		10.4	1.04	2.40	<0.05	0.12	<0.01	0.010	0.17	9.1	7.4	0.46	189	0.38	0.04	0.09
KSBSS0532		10.6	1.16	2.82	0.05	0.15	<0.01	0.010	0.17	13.2	8.8	0.40	192	0.34	0.08	0.11
KSBSS0533		8.3	0.89	2.12	<0.05	0.13	<0.01	0.007	0.12	9.9	7.5	0.25	153	0.28	0.05	0.14
KSBSS0534		8.4	1.00	2.32	<0.05	0.14	<0.01	0.009	0.14	11.8	8.5	0.29	161	0.30	0.06	0.14
KSBSS0535		10.9	1.14	2.64	<0.05	0.14	<0.01	0.009	0.17	9.3	8.4	0.51	193	0.28	0.07	0.14
KSBSS0536		11.6	1.04	2.49	<0.05	0.13	<0.01	0.010	0.15	10.0	8.0	0.41	177	0.24	0.07	0.07
KSBSS0537		14.6	1.36	3.31	<0.05	0.12	<0.01	0.013	0.22	10.7	10.0	0.58	237	0.30	0.05	0.06
KSBSS0538		15.5	1.48	3.57	0.05	0.12	<0.01	0.014	0.25	10.6	10.8	0.71	259	0.42	0.11	0.07
KSBSS0539		11.8	1.14	2.57	<0.05	0.14	<0.01	0.010	0.17	10.1	7.4	0.39	193	0.34	0.04	0.10
KSBSS0540		8.9	0.86	1.94	<0.05	0.12	<0.01	0.007	0.12	8.3	5.9	0.26	142	0.25	0.04	0.12
KSBSS0541		11.8	1.06	2.34	<0.05	0.17	<0.01	0.008	0.15	10.9	6.8	0.31	181	0.28	0.05	0.26
KSBSS0542		1.6	0.26	0.11	<0.05	0.04	<0.01	<0.005	<0.01	1.8	<0.1	<0.01	27	0.13	<0.01	<0.05
KSBSS0543		10.8	0.96	2.24	<0.05	0.13	<0.01	0.009	0.14	9.6	7.1	0.35	159	0.25	0.03	0.09
KSBSS0544		10.2	0.99	2.25	<0.05	0.14	<0.01	0.008	0.14	11.0	7.2	0.34	166	0.26	0.04	0.16
KSBSS0545		19.8	1.80	3.65	<0.05	0.12	<0.01	0.012	0.22	8.1	7.9	0.65	225	0.38	0.07	<0.05
KSBSS0546		16.0	1.46	3.17	<0.05	0.10	<0.01	0.010	0.19	8.0	7.2	0.55	224	0.29	0.02	0.06

Comments: Samples Submitted by: Waseem Daheri

***** 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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KSBSS0507		29.5	230	4.4	10.4	<0.001	0.03	0.10	3.0	0.3	0.6	86.7	<0.01	0.02	4.3	0.042
KSBSS0508		12.4	200	3.3	8.8	<0.001	0.01	0.08	2.0	0.2	0.7	41.5	<0.01	0.01	5.0	0.040
KSBSS0509		23.6	220	3.9	8.4	<0.001	0.01	0.11	2.6	0.2	0.5	85.4	<0.01	0.02	3.7	0.057
KSBSS0510		29.1	270	3.7	9.5	<0.001	0.01	0.11	2.9	0.3	0.5	109.0	<0.01	0.02	3.8	0.045
KSBSS0511		24.9	320	4.5	8.9	<0.001	0.02	0.10	2.5	0.4	0.6	192.5	<0.01	0.02	4.3	0.039
KSBSS0512		15.0	240	3.8	8.5	<0.001	0.04	0.08	2.0	0.4	0.6	98.7	<0.01	0.01	4.6	0.040
KSBSS0513		28.7	270	4.2	9.3	<0.001	0.02	0.11	2.9	0.4	0.6	101.5	<0.01	0.01	4.6	0.039
KSBSS0514		22.4	220	4.0	9.1	<0.001	0.02	0.09	2.5	0.3	0.6	82.0	<0.01	0.02	5.2	0.038
KSBSS0515		12.8	190	3.6	7.8	<0.001	0.01	0.08	1.7	0.3	0.7	56.1	<0.01	0.02	4.8	0.035
KSBSS0516		10.4	180	3.4	9.4	<0.001	0.01	0.07	1.8	0.3	0.8	48.8	<0.01	0.02	6.3	0.041
KSBSS0517		13.5	210	3.5	8.7	<0.001	0.01	0.08	1.9	0.2	0.7	54.4	<0.01	0.01	5.4	0.034
KSBSS0518		21.7	220	3.8	8.9	<0.001	0.01	0.11	2.4	0.4	0.6	100.5	<0.01	0.02	4.3	0.039
KSBSS0519		22.3	220	3.9	9.1	<0.001	0.02	0.10	2.4	0.3	0.6	66.8	<0.01	0.02	4.8	0.039
KSBSS0520		21.8	210	3.9	9.4	<0.001	0.03	0.10	2.4	0.3	0.6	66.1	<0.01	0.02	4.5	0.039
KSBSS0521		24.6	210	4.0	9.6	<0.001	0.01	0.12	2.4	0.2	0.6	49.7	<0.01	0.03	3.9	0.033
KSBSS0522		24.8	210	4.2	10.5	<0.001	0.01	0.10	2.6	0.2	0.6	52.1	<0.01	0.01	4.7	0.036
KSBSS0523		17.0	270	3.2	7.8	<0.001	0.01	0.08	1.8	0.2	0.4	52.8	<0.01	0.01	3.6	0.026
KSBSS0524		28.6	250	4.6	9.6	<0.001	0.01	0.10	2.7	0.2	0.6	58.3	<0.01	0.02	5.3	0.032
KSBSS0525		10.6	160	3.0	7.5	<0.001	0.01	0.07	1.6	0.2	0.6	46.1	<0.01	0.01	4.6	0.037
KSBSS0526		9.8	170	3.1	7.6	<0.001	0.01	0.07	1.6	0.2	0.6	39.9	<0.01	0.02	4.5	0.037
KSBSS0527		10.8	180	3.2	8.1	<0.001	0.01	0.07	1.7	0.2	0.6	42.7	<0.01	0.01	4.5	0.040
KSBSS0528		22.9	200	3.8	7.1	<0.001	0.01	0.11	2.3	0.2	0.4	95.2	<0.01	0.02	3.4	0.051
KSBSS0529		24.0	250	3.6	9.4	<0.001	0.03	0.10	2.5	0.2	0.6	95.5	<0.01	0.02	4.6	0.038
KSBSS0530		30.8	280	4.4	10.4	<0.001	0.02	0.12	2.9	0.3	0.6	125.0	<0.01	0.02	4.4	0.041
KSBSS0531		18.8	250	3.5	7.9	<0.001	0.03	0.09	1.9	0.2	0.5	88.3	<0.01	0.01	4.2	0.031
KSBSS0532		14.4	250	3.4	8.3	<0.001	0.03	0.09	1.9	0.3	0.8	57.7	<0.01	0.01	5.4	0.043
KSBSS0533		6.9	230	2.8	6.7	<0.001	0.01	0.06	1.3	0.2	0.6	72.6	<0.01	<0.01	4.3	0.037
KSBSS0534		9.6	200	3.0	7.8	<0.001	0.02	0.07	1.5	0.2	0.7	41.2	<0.01	<0.01	4.9	0.040
KSBSS0535		18.0	210	3.4	7.6	<0.001	0.04	0.08	2.0	0.3	0.6	112.5	<0.01	0.01	4.4	0.046
KSBSS0536		17.0	180	3.2	6.7	<0.001	0.01	0.08	1.8	0.2	0.6	48.6	<0.01	<0.01	4.4	0.037
KSBSS0537		25.5	200	4.2	9.4	<0.001	0.01	0.09	2.5	0.3	0.6	69.3	<0.01	0.01	5.0	0.046
KSBSS0538		29.5	260	4.2	9.9	<0.001	0.02	0.09	2.8	0.4	0.6	89.6	<0.01	0.02	4.5	0.048
KSBSS0539		16.3	210	3.5	8.2	<0.001	0.01	0.09	1.8	0.3	0.6	56.2	<0.01	0.01	4.4	0.043
KSBSS0540		9.3	140	2.7	6.4	<0.001	0.01	0.06	1.3	0.2	0.5	42.3	<0.01	<0.01	3.6	0.037
KSBSS0541		10.8	210	3.2	7.4	<0.001	0.02	0.09	1.6	<0.2	0.7	46.1	<0.01	<0.01	4.7	0.051
KSBSS0542		0.6	20	4.7	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	10.0	<0.01	<0.01	1.1	<0.005
KSBSS0543		13.6	180	2.9	6.5	<0.001	0.01	0.07	1.7	<0.2	0.6	38.8	<0.01	<0.01	4.4	0.041
KSBSS0544		11.1	200	3.0	7.0	<0.001	0.01	0.07	1.6	0.2	0.6	66.1	<0.01	0.01	5.4	0.048
KSBSS0545		28.0	140	3.4	7.6	<0.001	0.01	0.10	3.1	<0.2	0.5	54.3	<0.01	0.01	3.8	0.088
KSBSS0546		24.6	200	4.3	6.7	<0.001	0.01	0.11	2.4	0.2	0.4	71.3	<0.01	0.01	3.1	0.063

Comments: Samples Submitted by: Waseem Daheri

***** 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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
KSBSS0507		0.06	0.86	30	<0.05	6.82	26	4.5
KSBSS0508		0.04	0.85	20	0.07	6.80	17	3.6
KSBSS0509		0.04	0.78	32	0.05	6.64	23	3.9
KSBSS0510		0.05	0.76	28	<0.05	6.71	25	3.8
KSBSS0511		0.05	0.94	29	0.07	6.76	25	3.6
KSBSS0512		0.04	0.85	22	0.07	6.74	19	3.7
KSBSS0513		0.05	0.89	28	<0.05	6.96	26	3.7
KSBSS0514		0.05	0.89	25	<0.05	6.44	23	4.2
KSBSS0515		0.04	0.82	18	0.05	6.63	18	4.2
KSBSS0516		0.05	0.99	19	0.08	7.69	17	4.6
KSBSS0517		0.04	1.04	22	0.07	7.66	18	3.7
KSBSS0518		0.05	0.99	27	0.06	6.71	22	3.5
KSBSS0519		0.05	0.86	25	0.05	6.72	23	4.1
KSBSS0520		0.05	0.87	24	0.05	6.59	23	4.1
KSBSS0521		0.05	0.83	25	0.05	6.11	22	5.4
KSBSS0522		0.06	0.93	27	<0.05	6.35	23	4.1
KSBSS0523		0.04	0.97	19	<0.05	5.58	18	4.1
KSBSS0524		0.05	0.95	27	<0.05	6.81	25	4.4
KSBSS0525		0.04	0.84	18	0.07	6.22	15	3.7
KSBSS0526		0.04	0.81	17	0.07	6.44	15	3.5
KSBSS0527		0.04	0.76	18	0.07	6.73	17	3.6
KSBSS0528		0.04	0.77	32	0.05	5.92	22	4.1
KSBSS0529		0.05	0.86	26	0.05	6.70	24	4.0
KSBSS0530		0.06	0.85	28	<0.05	6.83	28	4.3
KSBSS0531		0.04	0.88	20	<0.05	5.89	20	4.1
KSBSS0532		0.05	0.87	23	0.07	7.79	20	4.4
KSBSS0533		0.04	0.91	18	0.12	6.21	15	3.3
KSBSS0534		0.04	0.88	18	0.08	6.83	17	3.7
KSBSS0535		0.04	0.94	26	0.05	6.55	20	4.3
KSBSS0536		0.04	0.82	22	<0.05	6.10	20	3.9
KSBSS0537		0.06	0.93	29	<0.05	7.18	26	4.3
KSBSS0538		0.06	1.14	34	<0.05	7.18	28	4.6
KSBSS0539		0.05	0.83	22	0.05	6.64	19	4.5
KSBSS0540		0.04	0.75	16	0.06	5.44	14	3.3
KSBSS0541		0.04	0.86	21	0.09	6.44	17	4.4
KSBSS0542		<0.02	0.38	<1	<0.05	1.41	<2	1.5
KSBSS0543		0.04	0.76	21	0.05	6.07	18	4.2
KSBSS0544		0.04	0.81	19	0.07	7.01	17	4.8
KSBSS0545		0.05	0.61	48	<0.05	5.85	30	4.4
KSBSS0546		0.04	0.62	38	<0.05	5.84	24	4.0

Comments: Samples Submitted by: Waseem Daheri

***** 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: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KSBSS0547			0.001	0.01	1.10	5.2	<10	70	0.39	0.06	2.79	0.05	17.35	6.6	30	0.41
KSBSS0548		2.60	0.001	0.02	0.87	2.5	10	90	0.38	0.07	3.02	0.07	18.40	5.9	22	0.43
KSBSS0549		2.60	0.001	0.02	0.68	1.9	<10	80	0.34	0.06	1.49	0.04	19.15	4.0	17	0.40
KSBSS0550		2.58	0.001	0.01	0.66	1.7	<10	70	0.36	0.06	1.01	0.03	19.90	3.7	15	0.37
KSBSS0551		2.51	0.001	0.01	0.79	2.4	<10	80	0.36	0.07	1.97	0.05	20.1	5.0	19	0.44
KSBSS0552		3.27	<0.001	0.01	0.73	1.8	<10	70	0.40	0.07	1.21	0.05	21.4	4.1	16	0.43
KSBSS0553		2.53	0.001	0.01	0.67	1.7	<10	70	0.35	0.06	1.14	0.03	16.35	3.9	15	0.36
KSBSS0554		2.34	0.001	0.01	0.87	2.5	<10	70	0.39	0.07	1.77	0.05	18.65	5.3	21	0.40
KSBSS0555		2.60	<0.001	0.01	0.72	1.9	<10	70	0.35	0.06	1.61	0.04	19.20	4.3	16	0.37
KSBSS0556		2.58	0.001	0.01	1.12	3.9	<10	60	0.46	0.09	3.66	0.13	21.8	7.5	31	0.62
KSBSS0557		2.58	0.001	0.01	0.98	3.1	<10	70	0.41	0.08	3.39	0.06	21.1	7.0	26	0.52
KSBSS0558		2.51	<0.001	0.01	0.74	2.1	<10	70	0.33	0.07	1.60	0.03	18.05	4.6	18	0.39
KSBSS0559		3.15	0.001	0.01	0.56	1.4	<10	60	0.30	0.05	0.92	0.03	16.00	3.2	12	0.32
KSBSS0560		2.55	<0.001	0.01	0.57	1.5	<10	70	0.30	0.05	0.98	0.03	16.80	3.2	12	0.32
KSBSS0561		2.61	<0.001	0.02	0.57	1.6	<10	60	0.32	0.05	1.09	0.03	17.85	3.4	12	0.36
KSBSS0562		2.63	<0.001	0.02	0.64	1.7	<10	70	0.34	0.06	1.19	0.03	17.65	3.9	15	0.37
KSBSS0563		2.59	<0.001	0.01	0.64	2.0	<10	80	0.28	0.05	1.12	0.03	13.85	4.5	16	0.27
KSBSS0564		2.52	<0.001	0.01	0.74	2.4	<10	70	0.28	0.05	1.06	0.03	14.00	5.3	20	0.25
KSBSS0565		2.48	0.001	0.01	0.93	2.8	<10	80	0.34	0.05	1.29	0.03	16.05	6.7	24	0.33
KSBSS0566		2.56	0.001	0.01	0.92	3.0	<10	70	0.38	0.07	1.11	0.04	17.00	5.5	20	0.42
KSBSS0567			<0.001	0.01	0.92	2.9	<10	70	0.39	0.06	1.04	0.03	19.25	5.8	22	0.38
KSBSS0568		2.49	<0.001	0.01	0.71	1.8	<10	60	0.38	0.06	1.14	0.04	21.4	3.6	15	0.43
KSBSS0569		2.40	0.001	0.01	0.79	2.1	<10	60	0.38	0.07	1.72	0.05	20.2	4.8	20	0.46
KSBSS0570		2.45	0.032	0.02	0.66	1.4	<10	60	0.38	0.06	0.86	0.03	26.6	3.3	14	0.40
KSBSS0571		2.52	0.002	0.01	0.62	2.5	<10	80	0.34	0.05	1.08	0.03	19.85	3.3	15	0.37
KSBSS0572		2.55	<0.001	0.01	0.65	1.7	<10	80	0.37	0.05	0.97	0.03	18.90	3.1	14	0.39
KSBSS0573		2.54	0.001	0.01	1.08	2.6	10	80	0.44	0.07	3.07	0.07	20.9	6.5	28	0.58
KSBSS0574		2.60	0.001	0.01	1.06	3.1	<10	70	0.44	0.07	2.49	0.05	21.9	6.5	26	0.47
KSBSS0575		2.84	<0.001	0.01	0.45	1.1	<10	70	0.27	0.04	0.75	0.02	12.85	2.1	9	0.28
KSBSS0576		2.48	<0.001	0.02	0.62	1.5	<10	70	0.33	0.05	0.93	0.02	16.40	3.3	14	0.41
KSBSS0577		2.56	<0.001	0.02	0.57	1.4	<10	70	0.30	0.05	1.16	0.03	14.45	2.9	12	0.33
KSBSS0578		2.63	<0.001	0.02	0.58	1.6	<10	60	0.31	0.05	1.02	0.02	19.90	3.0	12	0.34
KSBSS0579		2.58	0.001	0.01	0.62	1.5	<10	60	0.33	0.05	0.84	0.02	16.20	3.2	12	0.34
KSBSS0580		2.56	0.002	0.02	1.08	2.4	<10	70	0.49	0.07	1.07	0.05	23.1	6.3	22	0.51
KSBSS0581		2.49	0.001	0.01	0.91	2.8	<10	70	0.43	0.07	1.69	0.04	23.0	5.1	21	0.44
KSBSS0582		0.35	<0.001	0.04	0.02	0.2	<10	<10	<0.05	0.01	0.01	<0.01	4.08	0.1	2	<0.05
KSBSS0583		2.51	<0.001	0.01	0.72	2.0	<10	70	0.36	0.06	1.16	0.03	20.7	4.1	16	0.39
KSBSS0584		2.26	<0.001	0.02	1.06	4.1	<10	80	0.47	0.08	1.57	0.05	21.3	6.6	22	0.55
KSBSS0585		2.67	0.007	0.01	0.80	2.1	<10	70	0.41	0.06	1.39	0.04	22.1	4.3	16	0.42
KSBSS0586		2.46	<0.001	0.01	0.79	3.5	<10	70	0.32	0.04	1.41	0.03	15.35	4.8	21	0.31

Comments: Samples Submitted by: Waseem Daheri

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Australian Laboratory Services Arabia Co. Ltd.
P.O. Box 54605
Industrial Area 1, Phase 4, Street 62
Jeddah 21254
www.alsarabia.com

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ZIP CODE: 21514
JEDDAH 21514

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KSBSS0547		15.8	1.47	3.32	<0.05	0.09	<0.01	0.012	0.20	8.6	7.6	0.59	209	0.25	0.02	0.06
KSBSS0548		12.4	1.22	2.92	<0.05	0.12	<0.01	0.011	0.20	9.2	8.5	0.58	226	0.34	0.05	0.08
KSBSS0549		9.6	0.96	2.55	<0.05	0.12	<0.01	0.010	0.15	10.6	7.8	0.39	162	0.31	0.04	0.15
KSBSS0550		9.1	0.98	2.43	<0.05	0.15	<0.01	0.010	0.15	10.9	7.8	0.33	157	0.31	0.06	0.13
KSBSS0551		11.1	1.13	2.83	<0.05	0.15	<0.01	0.011	0.18	10.6	8.8	0.51	197	0.30	0.06	0.12
KSBSS0552		10.1	1.06	2.63	<0.05	0.16	<0.01	0.011	0.17	11.3	8.6	0.39	177	0.35	0.07	0.11
KSBSS0553		10.7	0.98	2.38	<0.05	0.13	<0.01	0.010	0.14	9.3	7.5	0.33	166	0.28	0.05	0.09
KSBSS0554		11.8	1.26	2.91	<0.05	0.13	<0.01	0.011	0.19	9.6	8.8	0.51	211	0.33	0.06	0.08
KSBSS0555		10.5	1.08	2.48	<0.05	0.14	<0.01	0.009	0.15	10.4	7.9	0.39	185	0.27	0.05	0.10
KSBSS0556		16.4	1.58	3.68	0.05	0.20	<0.01	0.015	0.24	10.6	10.8	0.77	292	0.35	0.12	0.15
KSBSS0557		14.1	1.42	3.31	<0.05	0.12	<0.01	0.014	0.22	10.4	9.7	0.65	248	0.33	0.08	0.10
KSBSS0558		10.6	1.10	2.55	<0.05	0.12	<0.01	0.010	0.16	9.7	7.5	0.41	197	0.31	0.04	0.10
KSBSS0559		9.3	0.86	2.09	<0.05	0.12	<0.01	0.009	0.12	9.0	6.3	0.26	146	0.28	0.04	0.14
KSBSS0560		9.4	0.93	2.07	<0.05	0.14	<0.01	0.008	0.14	9.5	6.3	0.25	153	0.32	0.05	0.14
KSBSS0561		10.0	0.86	2.16	<0.05	0.13	<0.01	0.008	0.13	9.8	6.9	0.26	151	0.28	0.03	0.14
KSBSS0562		10.8	0.99	2.34	<0.05	0.12	<0.01	0.009	0.14	10.0	7.3	0.32	168	0.31	0.04	0.11
KSBSS0563		13.1	1.04	2.30	<0.05	0.14	<0.01	0.007	0.11	7.8	5.2	0.32	172	0.29	0.03	0.10
KSBSS0564		15.6	1.22	2.45	<0.05	0.14	<0.01	0.007	0.11	7.6	5.4	0.41	195	0.28	0.03	0.07
KSBSS0565		16.3	1.34	3.16	0.05	0.13	<0.01	0.010	0.15	8.3	6.6	0.49	227	0.32	0.03	0.06
KSBSS0566		12.7	1.22	3.01	<0.05	0.11	<0.01	0.011	0.18	8.7	7.5	0.45	212	0.32	0.03	0.05
KSBSS0567		12.6	1.26	2.75	<0.05	0.10	<0.01	0.011	0.18	9.9	7.6	0.51	217	0.41	0.03	<0.05
KSBSS0568		8.9	0.98	2.51	0.05	0.11	<0.01	0.009	0.16	12.1	8.3	0.34	164	0.36	0.04	0.10
KSBSS0569		11.0	1.12	2.70	0.05	0.12	<0.01	0.011	0.17	11.5	8.9	0.47	195	0.35	0.06	0.11
KSBSS0570		8.9	1.01	2.41	0.05	0.13	<0.01	0.011	0.14	15.0	8.1	0.30	161	0.43	0.07	0.12
KSBSS0571		8.0	1.03	2.16	<0.05	0.11	<0.01	0.009	0.14	11.3	7.8	0.30	164	0.38	0.08	0.11
KSBSS0572		8.1	1.06	2.22	<0.05	0.13	<0.01	0.008	0.15	11.0	8.4	0.31	169	0.42	0.09	0.11
KSBSS0573		13.0	1.45	3.28	0.05	0.11	<0.01	0.013	0.24	11.2	10.6	0.71	262	0.48	0.12	0.09
KSBSS0574		13.0	1.36	3.20	0.05	0.11	<0.01	0.013	0.23	10.9	9.1	0.61	230	0.38	0.08	0.07
KSBSS0575		6.3	0.79	1.56	<0.05	0.11	<0.01	0.006	0.12	8.2	5.6	0.17	128	0.32	0.07	0.11
KSBSS0576		9.1	0.94	2.11	0.05	0.14	<0.01	0.008	0.14	9.8	6.7	0.29	159	0.43	0.06	0.22
KSBSS0577		8.9	0.91	1.98	<0.05	0.10	<0.01	0.008	0.14	8.9	6.5	0.26	155	0.35	0.04	0.13
KSBSS0578		9.4	0.85	2.04	<0.05	0.11	<0.01	0.007	0.13	11.4	6.9	0.25	152	0.39	0.05	0.15
KSBSS0579		9.3	0.92	2.13	<0.05	0.12	<0.01	0.008	0.13	10.0	6.8	0.25	165	0.41	0.05	0.11
KSBSS0580		15.6	1.32	3.33	0.05	0.09	<0.01	0.013	0.20	12.4	9.9	0.50	246	0.49	0.04	0.05
KSBSS0581		12.4	1.24	2.78	0.05	0.08	<0.01	0.011	0.18	12.2	8.6	0.50	206	0.31	0.03	0.07
KSBSS0582		1.6	0.26	0.12	<0.05	0.04	<0.01	<0.005	<0.01	1.9	<0.1	<0.01	27	0.16	<0.01	<0.05
KSBSS0583		11.0	1.06	2.35	0.05	0.11	<0.01	0.010	0.15	12.0	7.9	0.37	176	0.33	0.05	0.08
KSBSS0584		14.6	1.34	3.29	0.05	0.12	<0.01	0.014	0.24	11.2	9.6	0.57	239	0.46	0.04	<0.05
KSBSS0585		12.0	1.13	2.49	<0.05	0.11	<0.01	0.010	0.17	12.6	8.7	0.40	195	0.38	0.04	0.09
KSBSS0586		14.3	1.19	2.40	0.05	0.10	<0.01	0.007	0.12	8.4	5.9	0.44	184	0.30	0.03	0.06

Comments: Samples Submitted by: Waseem Daheri

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Australian Laboratory Services Arabia Co. Ltd.
P.O. Box 54605
Industrial Area 1, Phase 4, Street 62
Jeddah 21254
www.alsarabia.com

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ZIP CODE: 21514
JEDDAH 21514

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KSBSS0547		26.4	190	4.1	7.6	<0.001	0.01	0.11	2.7	0.2	0.4	75.0	<0.01	0.01	3.5	0.063
KSBSS0548		25.0	290	3.8	8.1	<0.001	0.04	0.10	2.2	0.3	0.5	96.2	<0.01	0.01	4.0	0.036
KSBSS0549		14.2	200	4.0	7.5	<0.001	0.01	0.09	1.7	0.3	0.6	73.5	<0.01	0.01	4.4	0.037
KSBSS0550		12.2	200	3.5	7.9	<0.001	0.01	0.08	1.6	0.2	0.7	51.5	<0.01	0.01	4.8	0.037
KSBSS0551		18.8	220	3.6	8.3	<0.001	0.02	0.09	2.1	0.3	0.7	80.7	<0.01	0.01	4.9	0.046
KSBSS0552		15.2	220	3.4	8.3	<0.001	0.01	0.08	1.8	0.3	0.7	51.8	<0.01	0.01	5.1	0.037
KSBSS0553		13.6	190	3.3	7.4	<0.001	0.01	0.07	1.6	0.3	0.6	46.8	<0.01	0.01	4.3	0.034
KSBSS0554		21.3	210	3.8	8.1	<0.001	0.02	0.09	2.1	0.2	0.6	66.1	<0.01	0.01	4.5	0.041
KSBSS0555		15.9	190	3.4	7.2	<0.001	0.01	0.08	1.7	0.2	0.6	55.0	<0.01	0.01	4.1	0.041
KSBSS0556		34.0	320	4.5	10.1	<0.001	0.04	0.16	3.0	0.3	0.6	117.5	<0.01	0.01	4.4	0.052
KSBSS0557		29.9	280	4.2	9.7	<0.001	0.02	0.10	2.7	0.3	0.6	107.0	<0.01	0.01	4.4	0.049
KSBSS0558		17.0	190	3.4	7.3	<0.001	0.01	0.09	1.9	0.2	0.5	62.6	<0.01	0.01	4.1	0.043
KSBSS0559		9.6	160	2.8	6.8	<0.001	0.01	0.07	1.4	0.2	0.6	50.2	<0.01	0.01	4.0	0.040
KSBSS0560		9.2	160	2.8	7.4	<0.001	0.02	0.07	1.3	<0.2	0.5	43.2	<0.01	<0.01	3.8	0.037
KSBSS0561		10.6	170	3.1	7.3	<0.001	0.01	0.06	1.4	0.2	0.6	43.9	<0.01	0.01	4.3	0.034
KSBSS0562		13.6	190	3.4	7.5	<0.001	0.01	0.09	1.5	0.2	0.6	48.2	<0.01	0.01	4.7	0.034
KSBSS0563		13.1	200	3.2	5.8	<0.001	0.01	0.08	1.5	<0.2	0.4	46.2	<0.01	0.01	2.9	0.049
KSBSS0564		15.4	190	3.1	4.9	<0.001	0.01	0.08	1.6	0.2	0.4	49.3	<0.01	0.01	2.7	0.059
KSBSS0565		20.9	180	4.2	6.7	<0.001	0.01	0.10	2.2	0.2	0.5	66.7	<0.01	0.01	3.2	0.072
KSBSS0566		21.1	190	3.8	7.9	<0.001	0.01	0.09	2.2	0.2	0.5	48.4	<0.01	0.02	3.5	0.045
KSBSS0567		22.2	180	3.5	7.6	<0.001	<0.01	0.08	2.4	0.2	0.5	44.3	<0.01	0.02	3.6	0.039
KSBSS0568		12.5	210	3.2	9.0	<0.001	<0.01	0.07	1.8	0.3	0.7	44.8	<0.01	0.02	5.1	0.037
KSBSS0569		18.2	260	3.6	9.1	<0.001	0.01	0.08	2.2	0.3	0.7	73.7	<0.01	0.01	4.7	0.042
KSBSS0570		10.5	190	3.2	8.6	<0.001	<0.01	0.07	1.8	0.2	0.8	42.6	<0.01	0.01	5.2	0.039
KSBSS0571		10.8	170	3.2	8.2	<0.001	<0.01	0.07	1.6	0.2	0.6	45.2	<0.01	0.01	4.3	0.037
KSBSS0572		10.7	170	3.2	8.4	<0.001	0.02	0.07	1.6	0.3	0.7	75.4	<0.01	0.01	4.8	0.037
KSBSS0573		28.1	290	4.1	10.6	<0.001	0.02	0.10	3.1	0.5	0.6	118.5	<0.01	0.02	4.4	0.058
KSBSS0574		27.5	190	4.1	10.0	<0.001	0.02	0.09	2.9	0.3	0.6	89.7	<0.01	0.01	4.5	0.049
KSBSS0575		5.6	140	2.5	7.2	<0.001	<0.01	0.05	0.9	<0.2	0.4	31.7	<0.01	0.01	3.1	0.025
KSBSS0576		10.2	140	3.0	8.2	0.001	<0.01	0.07	1.6	0.2	0.6	140.5	<0.01	<0.01	3.8	0.042
KSBSS0577		9.0	180	2.9	7.6	<0.001	<0.01	0.06	1.4	0.2	0.5	51.8	<0.01	0.01	3.7	0.036
KSBSS0578		7.9	180	2.9	7.8	<0.001	<0.01	0.06	1.5	0.2	0.6	69.8	<0.01	0.01	4.3	0.040
KSBSS0579		8.6	200	3.0	8.0	<0.001	<0.01	0.06	1.6	0.2	0.6	62.5	<0.01	0.01	4.0	0.039
KSBSS0580		23.0	260	4.1	10.1	<0.001	<0.01	0.08	2.7	0.2	0.7	43.6	<0.01	0.02	5.0	0.039
KSBSS0581		19.8	210	3.6	8.7	<0.001	<0.01	0.08	2.3	0.2	0.6	52.0	<0.01	0.01	4.6	0.043
KSBSS0582		0.6	20	4.7	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	10.2	<0.01	<0.01	1.1	<0.005
KSBSS0583		14.8	180	3.2	7.8	<0.001	0.01	0.07	1.9	0.3	0.6	49.6	<0.01	0.01	4.8	0.038
KSBSS0584		29.0	250	4.2	11.2	<0.001	<0.01	0.09	2.9	0.3	0.6	59.3	<0.01	0.01	4.6	0.036
KSBSS0585		15.4	240	3.5	8.7	<0.001	<0.01	0.08	2.0	0.2	0.7	48.8	<0.01	0.02	4.7	0.037
KSBSS0586		15.8	190	3.5	5.6	<0.001	<0.01	0.07	1.8	0.2	0.4	47.6	<0.01	0.01	2.9	0.057

Comments: Samples Submitted by: Waseem Daheri

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www.alsarabia.com

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

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
KSBSS0547		0.04	0.62	39	<0.05	6.18	25	4.0
KSBSS0548		0.05	0.86	24	<0.05	6.22	23	4.4
KSBSS0549		0.04	0.82	20	0.06	6.73	18	4.0
KSBSS0550		0.05	0.86	20	0.09	7.03	17	4.2
KSBSS0551		0.05	0.83	25	0.05	6.96	21	5.0
KSBSS0552		0.05	0.86	20	0.06	7.10	19	4.6
KSBSS0553		0.04	0.83	19	0.06	6.30	18	4.2
KSBSS0554		0.05	0.86	25	<0.05	6.54	22	4.3
KSBSS0555		0.04	0.87	22	0.05	6.33	19	4.2
KSBSS0556		0.06	0.98	34	0.06	7.16	32	6.8
KSBSS0557		0.06	1.02	30	<0.05	7.24	27	5.0
KSBSS0558		0.04	0.87	23	0.05	6.53	19	4.2
KSBSS0559		0.04	0.82	16	0.06	5.90	15	3.6
KSBSS0560		0.04	0.80	16	0.07	5.68	14	3.7
KSBSS0561		0.04	0.80	17	0.07	6.25	15	3.9
KSBSS0562		0.04	0.84	18	0.06	6.42	17	4.1
KSBSS0563		0.03	0.65	21	0.08	5.71	16	4.4
KSBSS0564		0.03	0.53	26	0.07	5.45	20	4.6
KSBSS0565		0.04	0.64	33	0.06	6.58	22	4.9
KSBSS0566		0.05	0.65	27	<0.05	5.90	20	4.4
KSBSS0567		0.04	0.63	27	<0.05	5.40	22	3.3
KSBSS0568		0.04	0.87	19	0.07	6.86	18	3.3
KSBSS0569		0.05	0.88	24	0.06	6.74	21	3.9
KSBSS0570		0.04	0.91	18	0.08	7.29	17	3.3
KSBSS0571		0.04	0.86	18	0.09	6.26	16	3.0
KSBSS0572		0.04	0.89	17	0.09	6.24	16	3.1
KSBSS0573		0.06	1.04	31	0.05	7.07	28	4.1
KSBSS0574		0.06	0.91	30	<0.05	7.04	25	3.8
KSBSS0575		0.03	0.70	11	0.07	4.59	12	2.4
KSBSS0576		0.04	0.75	17	0.07	5.76	16	3.6
KSBSS0577		0.04	0.78	15	0.07	5.45	15	2.9
KSBSS0578		0.03	0.82	17	0.08	6.24	14	3.2
KSBSS0579		0.04	0.85	18	0.15	5.79	14	3.2
KSBSS0580		0.05	0.88	25	0.05	7.03	25	3.2
KSBSS0581		0.04	0.82	24	0.05	6.52	22	3.0
KSBSS0582		<0.02	0.31	<1	<0.05	1.37	<2	1.2
KSBSS0583		0.04	0.90	22	0.05	6.42	19	3.1
KSBSS0584		0.06	0.92	27	<0.05	6.52	25	3.8
KSBSS0585		0.04	0.88	21	0.08	6.61	20	3.3
KSBSS0586		0.03	0.59	28	0.08	5.04	21	3.2

Comments: Samples Submitted by: Waseem Daheri

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

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
KSBSS0587			<0.001	0.01	0.81	3.3	<10	70	0.32	0.05	1.43	0.03	15.60	4.9	21	0.32
KSBSS0588		2.60	<0.001	0.01	1.02	3.1	<10	80	0.40	0.06	1.91	0.04	18.15	6.5	24	0.40
KSBSS0589		2.47	0.003	0.01	1.01	6.4	20	60	0.43	0.08	4.67	0.05	23.8	5.9	25	0.36
KSBSS0590		0.35	0.002	0.04	0.01	0.1	<10	<10	<0.05	<0.01	0.01	<0.01	4.01	0.1	2	<0.05

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CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
KSBSS0587		14.6	1.21	2.51	<0.05	0.10	<0.01	0.007	0.12	8.6	6.0	0.45	186	0.30	0.03	0.07
KSBSS0588		14.4	1.36	3.00	0.05	0.10	<0.01	0.011	0.19	9.6	8.1	0.58	249	0.37	0.04	0.05
KSBSS0589		12.5	1.24	2.95	0.05	0.10	<0.01	0.009	0.24	12.2	7.6	0.53	188	0.66	0.21	0.10
KSBSS0590		1.6	0.31	0.13	<0.05	0.04	0.01	<0.005	<0.01	1.8	<0.1	<0.01	33	0.18	<0.01	<0.05

Comments: Samples Submitted by: Waseem Daheri

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JEDDAH 21514

Finalized Date: 25-FEB-2025
Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
KSBSS0587		16.0	190	3.6	5.7	<0.001	<0.01	0.08	1.9	0.2	0.4	49.7	<0.01	0.01	3.0	0.061
KSBSS0588		22.5	250	3.9	8.6	<0.001	<0.01	0.09	2.5	0.3	0.5	72.0	<0.01	0.02	3.1	0.056
KSBSS0589		21.2	170	5.4	7.9	0.001	0.16	0.11	2.3	0.8	0.4	718	<0.01	0.03	4.0	0.031
KSBSS0590		0.6	20	4.3	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	9.5	<0.01	<0.01	1.0	<0.005

Comments: Samples Submitted by: Waseem Daheri

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Finalized Date: 25-FEB-2025
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CERTIFICATE OF ANALYSIS JD25034513

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
KSBSS0587		0.03	0.59	28	0.08	5.27	21	3.4
KSBSS0588		0.04	0.68	32	0.06	6.21	24	3.7
KSBSS0589		0.05	0.79	31	0.06	6.43	21	3.3
KSBSS0590		<0.02	0.27	<1	<0.05	1.47	<2	1.2

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Account: SGSKSB

Project: KSBSGS

CERTIFICATE OF ANALYSIS JD25034513

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Loughrea located at Dublin Road, Loughrea, Co. Galway, Ireland.
AuME-TL43

Applies to Method: Processed at ALS Jeddah located at P.O. Box 54605, Jeddah, Saudi Arabia.

CRU-31	CRU-QC	LOG-22	LOG-24
PUL-31	PUL-QC	SPL-22Y	WEI-21