
COAL QUALITY SPECIFICATION

N° ETT_Stockpile_14



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

<p>TM (ar)</p> <p>2.5%</p> <p>(-0.7; +1.5)</p>	<p>ASH (db)</p> <p>20.7%</p> <p>(-5.0; +5.0)</p>	<p>VM (daf)</p> <p>32.7%</p> <p>(-1.0; +1.0)</p>
<p>TOTAL SULPHUR (db)</p> <p>0.95%</p> <p>(-0.3; +0.5)</p>	<p>G INDEX</p> <p>77</p> <p>(-10.0; +5.0)</p>	<p>QUANTITY</p> <p>128.0</p> <p>THOUSAND TONS</p>

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
 Mongol National Building, 2nd Floor
 Chinggis Avenue, Khoo-Uul District
 Ulaanbaatar, Mongolia
 Tel +976 70 007667



CERTIFICATE OF ANALYSIS
 23E118-TT, 23F44, 81-TT, 23H139, 25B-TT, 23I41-TT

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jigjidaav-8
 1st khoroo, Chingelhel District
 Ulaanbaatar, Mongolia
ATTN: Bilgumantai.S
PROJECT NO.: xxx
LAB. JOB NO.: 23E118-TT, 23F44, 81-TT, 23H139, 25B-TT, 23I41-TT
NO. SAMPLES: 22
Notes/Comments: xxx

SAMPLES RECEIVED: 17/Jun/23
INSTRUCTIONS RECEIVED: 17/Jun/23
DATE OF REPORT: 18/Jun/23
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 18/Jun/23
PREPARATION CODE: CRUSH 01, 02; MILL 01
ANALYSIS CODE: 1. COOKING COAL, CSN
 TM, ASH, MCIS, VOL,
 TSUL, CSN, CKIN

APPROVED BY: Laboratory Manager

Quality Manager
 CHECKED BY: Chief Chemist

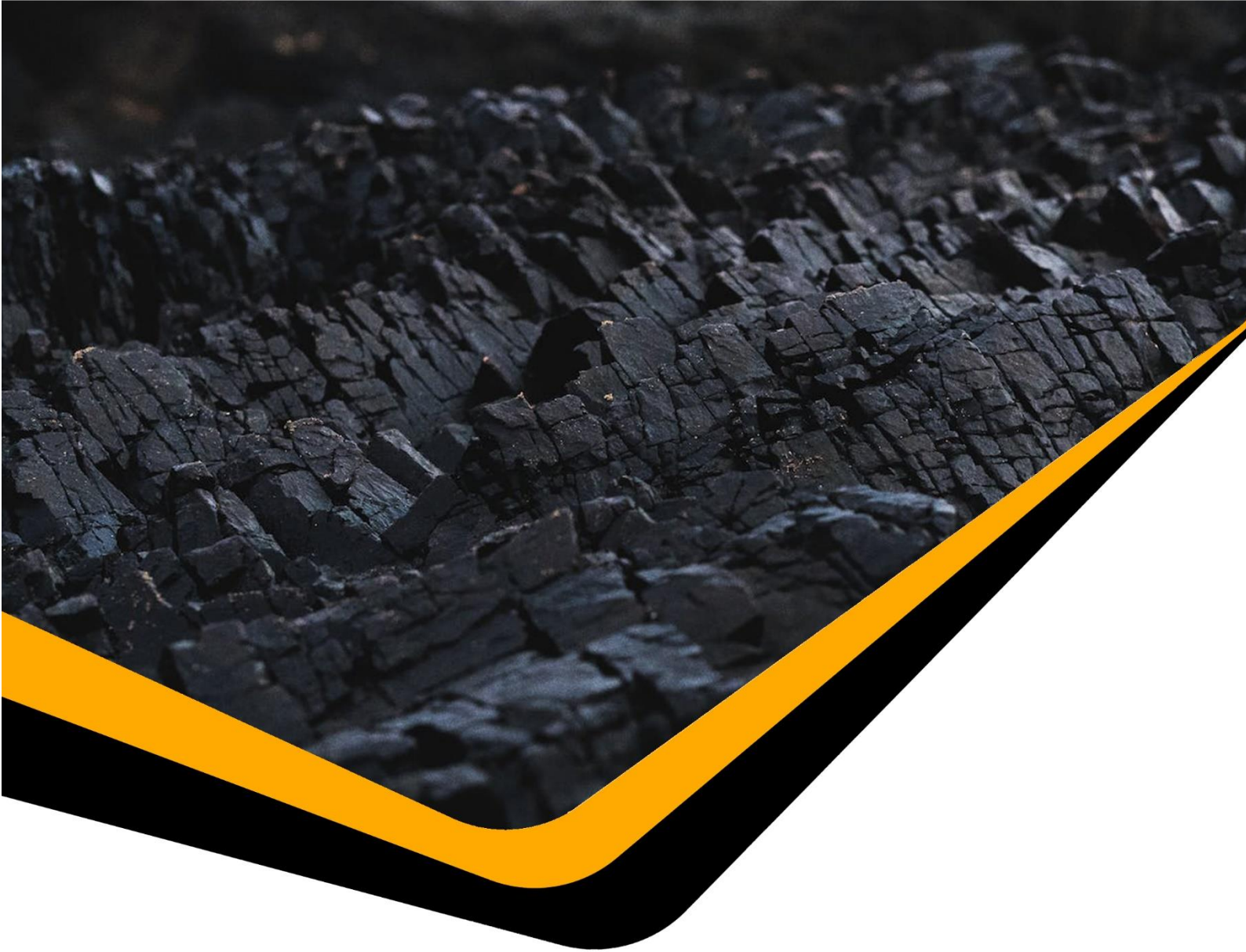
These test results are representative only of the sample analyzed in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				Cribble Swelling Number (CSN)	Coal Caking Index (CKIN)					
		Total Moisture (TM)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Ash (ASH)	Volatiles Matter (VOL)			Fixed Carbon (FC)	Total Sulphur (TSUL)			
		%																		
1	ETT_SP_10014-1A	2.47	19.16	26.27	52.11	0.76	0.92	19.46	26.68	52.94	0.77	19.64	26.93	53.43	0.78	33.52	66.48	0.97	81	-
2	ETT_SP_10014-1B	2.73	20.97	25.24	51.06	0.82	1.03	21.24	25.68	51.95	0.83	21.56	25.95	52.89	0.84	33.08	65.92	1.07	79	-
3	ETT_SP_10014-1C	2.09	15.47	27.45	54.98	0.61	0.74	15.69	27.63	55.74	0.61	15.80	28.04	56.16	0.62	33.30	65.70	0.74	85	-
4	ETT_SP_10014-1D	2.18	16.22	26.29	55.30	0.60	0.72	16.46	26.69	56.13	0.61	16.58	26.88	56.54	0.62	32.22	67.78	0.74	81	-
5	ETT_SP_10014-2A	0.64	21.02	26.02	52.32	1.40	0.52	21.04	26.05	52.39	1.40	21.15	26.19	52.66	1.41	33.22	66.78	1.78	6.5	78
6	ETT_SP_10014-2B	0.74	18.50	26.69	54.27	1.25	0.46	18.56	26.56	54.42	1.25	18.64	26.69	54.67	1.26	32.80	67.20	1.54	6.5	79
7	ETT_SP_10014-2C	1.02	17.61	26.26	55.12	1.46	0.77	17.65	26.32	55.26	1.46	17.79	26.52	55.69	1.48	32.26	67.74	1.79	6.5	77
8	ETT_SP_10014-2D	1.03	19.21	25.72	54.04	1.34	0.75	19.26	25.79	54.19	1.34	19.41	25.99	54.41	1.35	32.24	67.76	1.68	6.0	73
9	ETT_SP_10014-2E	1.05	17.53	26.17	55.25	1.18	0.80	17.58	26.23	55.39	1.18	17.72	26.44	55.63	1.19	32.14	67.86	1.44	6.5	75
10	ETT_SP_10014-3A	2.34	24.66	23.44	49.56	0.81	1.00	24.99	23.76	50.24	0.82	25.24	24.00	50.95	0.83	32.11	67.89	1.11	3.0	46
11	ETT_SP_10014-3B	1.15	22.75	24.81	51.29	0.73	0.56	22.88	24.96	51.60	0.74	23.01	25.10	51.89	0.74	32.60	67.40	0.96	6.0	74
12	ETT_SP_10014-3C	1.69	20.94	25.72	51.65	0.69	0.59	21.17	26.01	52.23	0.70	21.30	26.16	52.54	0.70	32.24	66.76	0.90	6.5	81
13	ETT_SP_10014-3D	1.24	19.31	26.98	52.48	0.88	0.72	19.41	27.12	52.75	0.89	19.55	27.31	53.14	0.89	33.95	66.05	1.11	7.0	85
14	ETT_SP_10014-4A	1.33	22.33	25.24	51.09	0.88	0.66	22.48	25.42	51.44	0.88	22.63	25.59	51.78	0.89	33.07	66.93	1.15	7.0	79
15	ETT_SP_10014-4B	1.50	21.13	24.80	52.57	0.67	0.50	21.34	25.05	53.10	0.68	21.45	25.18	53.37	0.68	32.06	67.94	0.87	6.5	75
16	ETT_SP_10014-4C	1.90	20.39	25.71	52.01	0.90	0.51	20.68	26.07	52.74	0.91	20.79	26.20	53.01	0.92	33.08	66.92	1.16	7.0	84
17	ETT_SP_10014-4D	1.82	19.41	26.38	52.39	0.91	0.60	19.66	26.71	53.04	0.92	19.77	24.87	53.36	0.92	33.49	66.51	1.15	7.0	83
18	ETT_SP_10014-5A	1.18	17.96	26.62	55.24	0.58	0.62	18.06	25.76	55.55	0.59	18.18	25.92	55.90	0.59	31.68	68.32	0.72	5.5	80
19	ETT_SP_10014-5B	1.18	21.52	25.12	52.18	0.84	0.69	21.62	25.25	52.44	0.84	21.77	25.42	52.80	0.85	32.50	67.50	1.09	6.0	76
20	ETT_SP_10014-5C	1.45	20.56	25.44	52.54	0.73	0.63	20.74	25.65	52.98	0.73	20.87	25.81	53.32	0.74	32.62	67.38	0.93	6.0	74
21	ETT_SP_10014-5D	1.38	20.29	25.88	52.46	1.01	0.67	20.43	26.06	52.83	1.02	20.57	26.24	53.19	1.03	33.04	66.96	1.29	6.0	81
22	ETT_SP_10014-5E	1.26	19.34	25.88	53.52	0.86	0.61	19.47	26.05	53.87	0.87	19.59	26.21	54.20	0.87	32.59	67.41	1.08	6.0	80

QUALITY ASSURANCE/QUALITY CONTROL DATA

STANDARD	ASH	VOL	TSUL
STADLWS-22/20	18.85	18.16	0.616
Certified Value	0.65	0.16	0.017
Unit	%	%	%
Analyzed value	18.88	18.08	0.619

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. COPY RIGHT PROTECTED DOCUMENT



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