



НҮҮРСНИЙ ОВООЛГЫН ҮЗҮҮЛЭЛТ

№ ETT_SP_SSC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



НҮҮРСНИЙ ОВООЛГЫН ЧАНАРЫН ДУНДАЖ ҮЗҮҮЛЭЛТ

<p>НИЙТ ЧИЙГ (ar)</p> <p>3.5%</p> <p>(-2.0; +2.0)</p>	<p>ҮНСЛЭГ (db)</p> <p>17.5%</p> <p>(-5.0; +5.0)</p>	<p>ДЭГДЭМХИЙ (daf)</p> <p>33.0%</p> <p>(-2.0; +2.0)</p>
<p>НИЙТ ХҮХЭР (db)</p> <p>1.1%</p> <p>(-0.5; +0.5)</p>	<p>БАРЬЦАЛДАХ ЧАНАР</p> <p>75.0</p> <p>(-10; +5.0)</p>	<p>ОВООЛГЫН ХЭМЖЭЭ</p> <p>224.0</p> <p>МЯН.ТН</p>

НҮҮРСНИЙ ОВООЛГЫН ШИНЖИЛГЭЭНИЙ ҮР ДҮН

ALS GROUP LLC
 Mongol National Building, 3rd khovon
 Chinggis Avenue, Khan-Uul District
 Ulaanbaatar, Mongolia
 Tel +976 70 607447



CERTIFICATE OF ANALYSIS
 21109, 16, 18, 44, 22F05, J14, 34, 44, 56-TT

CLIENT: Erendes Tavan Tolgoi JSC
 ADDRESS: Finance Center, Jlgidjav-8
 1st khovon, Chinggis District
 Ulaanbaatar, Mongolia
 ATTN: Bilguunmuntai S
 PROJECT NO. xxx
 LAB. JOB NO. 21109, 16, 18, 44, 22F05, J14, 34, 44, 56-TT
 NO. SAMPLES: 14
 Notes/Comments: xxx

SAMPLES RECEIVED: 8/12/2021-20/10/2022
 INSTRUCTIONS RECEIVED: 8/12/2021-20/10/2022
 DATE OF REPORT: 9/12/2021-21/10/2022
 STATUS OF REPORT: FINAL
 ANALYSIS COMPLETE: 9/12/2021-21/10/2022
 PREPARATION CODE: CRUSH-01, 02; MILL-01
 ANALYSIS CODE: 1.1_COKING COAL
 TM, ASH, MOIS, VOL,
 TSUL, CSN, CSH

APPROVED BY: Laboratory Manager



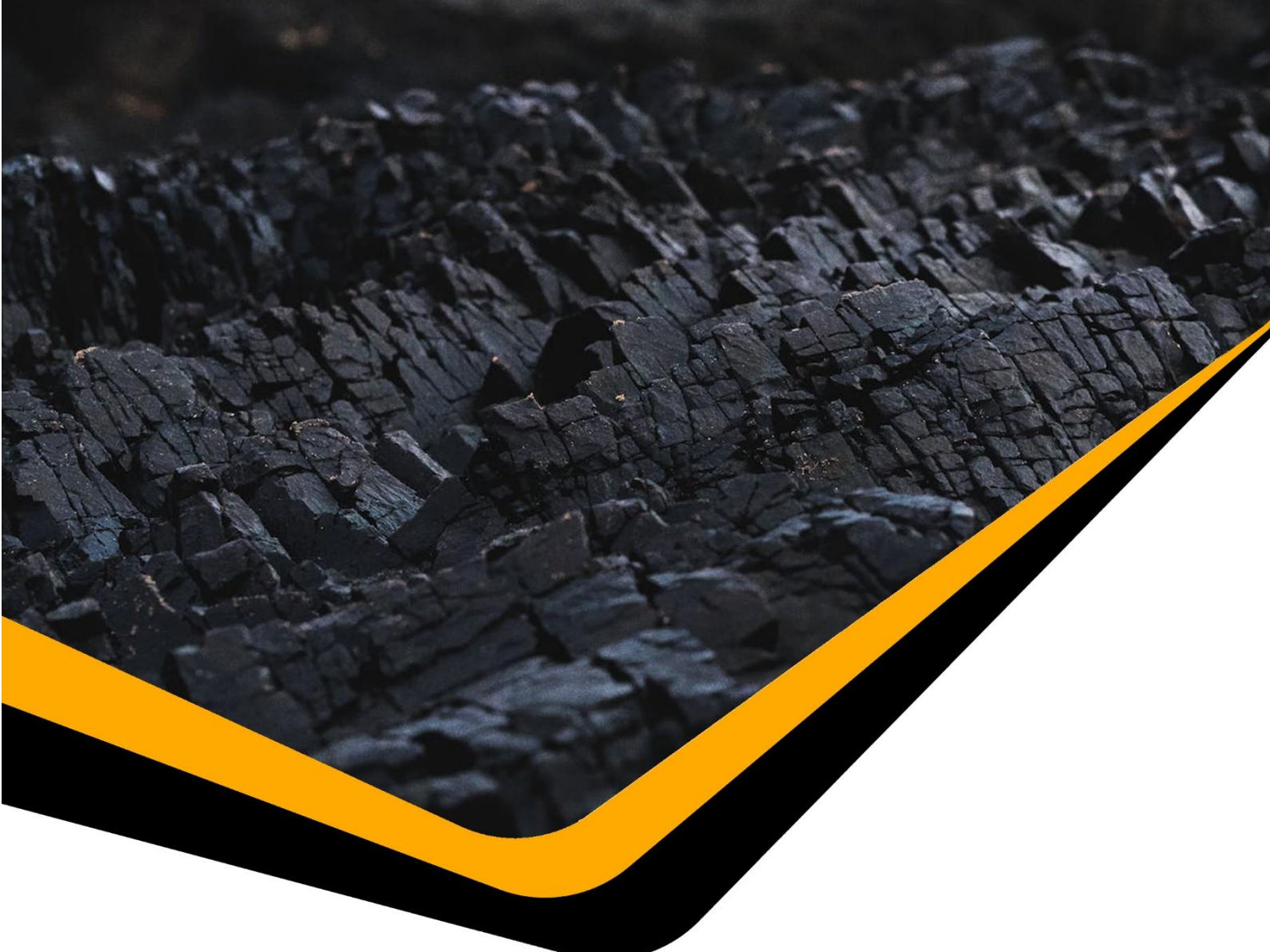
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	STANDARD METHOD														GB/T 3448	GB/T 3447				
		AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS							
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Creolite Swelling Number (CSN)	Coal Caking Index (CKIN)	
		%																			
1	WSS-21-18co-1A-484	3.91	13.85	27.11	55.13	0.95	0.81	14.30	27.98	58.81	0.98	14.41	28.21	57.37	0.99	32.97	67.03	1.16	6.5	77	-
2	WSS-21-18co-1B-485	3.48	18.67	27.63	52.22	1.03	0.82	17.13	28.39	53.66	1.06	17.27	28.63	54.10	1.07	34.60	65.40	1.29	6.5	80	-
3	WSS-21-18co-2A-502	3.93	18.45	26.14	51.48	1.37	0.73	19.06	27.01	53.19	1.41	19.20	27.21	53.59	1.43	33.68	66.32	1.76	6.5	78	-
4	WSS-21-18co-2B-503	4.28	17.16	25.96	52.60	1.30	0.71	17.80	26.93	54.56	1.35	17.93	27.12	54.95	1.36	33.04	66.96	1.66	6.5	80	-
5	WSS-21-18co-2C-503	3.94	18.17	25.98	51.91	1.22	0.68	18.78	26.87	53.67	1.26	18.91	27.05	54.04	1.26	33.36	66.64	1.56	6.0	76	-
6	WSS-21-18co-4A-412	3.50	20.37	23.61	52.91	0.95	0.76	20.85	24.28	54.01	0.98	21.11	24.47	54.42	0.98	31.02	68.98	1.25	6.5	79	-
7	WSS-21-18co-4D-516	3.60	19.19	24.20	53.01	1.23	0.78	19.75	24.91	54.46	1.26	19.90	25.11	54.89	1.27	31.36	68.65	1.59	6.5	75	-
8	WSS-22-18co-6C-109	3.62	19.26	24.77	52.35	0.72	0.60	19.86	25.55	53.99	0.75	19.98	25.70	54.32	0.75	32.12	67.88	0.94	6.5	79	-
9	WSS-22-18co-8C-110	6.42	16.59	25.52	51.47	0.83	0.78	17.59	27.06	54.58	0.88	17.72	27.27	55.00	0.88	33.15	66.85	1.07	6.0	74	-
10	WSS-22-18co-TEL-2A-283	3.59	17.02	28.77	50.62	0.64	0.59	17.05	29.67	62.19	0.66	17.66	29.84	62.50	0.66	36.24	63.76	0.80	6.5	78	-
11	WSS-22-18co-TEL-3B-284	3.62	17.15	28.65	50.58	0.66	0.60	17.69	29.15	62.17	0.68	17.79	29.32	62.48	0.69	36.16	63.84	0.84	6.5	80	-
12	WSS-22-18co-TEL-3B-308	2.65	15.77	25.44	56.15	1.19	0.62	16.10	25.97	57.32	1.21	16.20	26.13	57.67	1.22	31.18	68.82	1.46	6.5	79	-
13	WSS-22-18co-TEL-4A-329	1.89	22.86	24.28	50.97	0.92	0.50	23.19	24.62	61.69	0.94	23.30	24.75	61.95	0.94	32.27	67.73	1.22	5.5	71	-
14	WSS-22-18co-TEL-4B-340	2.05	23.95	23.79	50.21	1.05	0.47	24.33	24.17	61.02	1.07	24.45	24.29	61.26	1.07	32.15	67.85	1.42	6.0	70	-

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALSWS-23/20	ASH	VOL	TSUL
Certified Value	10.88	18.16	0.616
Standard Deviation	0.05	0.16	0.017
Unit	%	%	%
Analyzed value	10.84	18.13	0.615
Analyzed value	10.83	18.19	0.615

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



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



www.ett.mn



75055555
1800-1072



Финанс төв, 1-р хороо,
Чингэлтэй дүүрэг,
Улаанбаатар хот

