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# CERTIFICATE OF COAL QUALITY

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N° ETT\_SP\_20006

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ISO 45001:2018

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ISO 9001:2015

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ISO 14001:2015



AVERAGE QUALITY OF COAL STOCKPILE

<p><b>TOTAL MOISTURE (ar)</b></p> <p><b>3.52%</b></p> <p>(-0.8; +0.8)</p>	<p><b>ASH (db)</b></p> <p><b>18.91%</b></p> <p>(-3.1; +4.3)</p>	<p><b>VOLATILE (daf)</b></p> <p><b>33.09%</b></p> <p>(-1.0; +1.4)</p>
<p><b>TOTAL SULFUR (db)</b></p> <p><b>1.17%</b></p> <p>(-0.4; +0.5)</p>	<p><b>G INDEX</b></p> <p><b>5:1</b></p> <p><b>68.0</b></p> <p>(-14; +15)</p>	<p><b>CAPACITY OF STOCKPILE</b></p> <p><b>88.6</b></p> <p><b>THOUSAND TONNES</b></p>

The coal has been in storage for 696 days

CERTIFICATE OF ANALYSES

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CERTIFICATE OF ANALYSIS  
 23J06-TT

CLIENT: **Erdenes Tavan Tolgoi JSC**  
 ADDRESS: Finance Center, Jigjidjav-8  
 1st khoroо, Chingelbal District  
 Ulaanbaatar, Mongolia  
 ATTN: Bilguunmantul  
 PROJECT NO.: xxx  
 LAB. JOB NO.: 23J06-TT  
 NO. SAMPLES: 8  
 Notes/Comments: xxx

SAMPLES RECEIVED: 01/Oct/23  
 INSTRUCTIONS RECEIVED: 01/Oct/23  
 DATE OF REPORT: 03/Oct/23  
 STATUS OF REPORT: FINAL  
 ANALYSIS COMPLETE: 03/Oct/23  
 PREPARATION CODE: CRUSH-01, 02; MILL-01  
 ANALYSIS CODE: 1\_COKING COAL  
 TM, ASH, MOIS, VOL,  
 TSUL, CKIN

APPROVED BY: Laboratory Manager



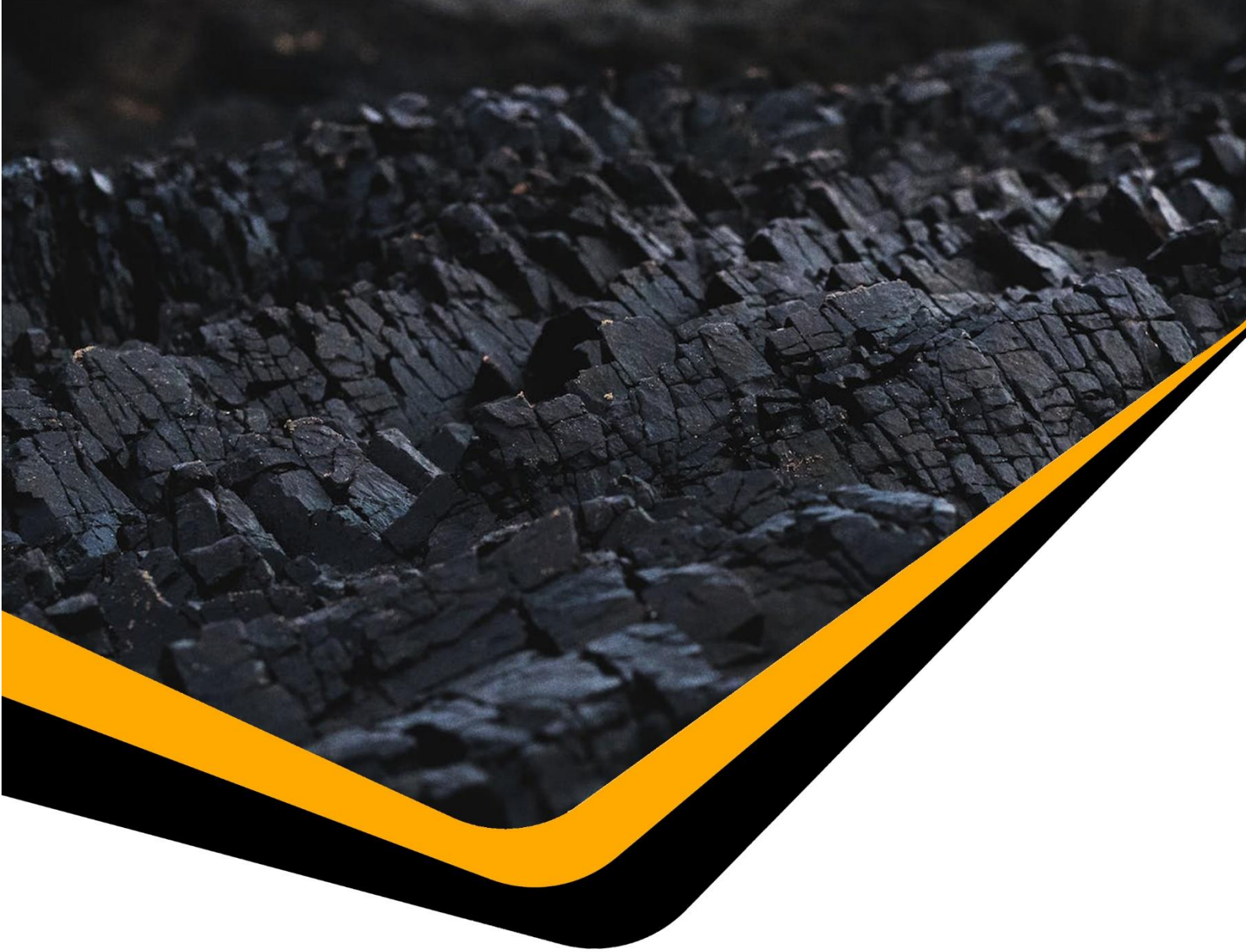
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS										Coal Caking Index (CKIN)	
		GB/T 211	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	ISO 19579	GB/T 5447	30/3					
1	ETT_SP_20006-RS-1-1	3.81	15.19	27.91	53.09	0.93	0.93	15.65	28.74	54.68	0.96	15.79	29.01	55.19	0.97	34.46	65.54	1.15	75	-			
2	ETT_SP_20006-RS-1-2	3.28	15.60	26.48	54.64	0.77	0.84	16.00	27.15	56.02	0.79	16.13	27.38	56.49	0.80	32.64	67.36	0.95	83	-			
3	ETT_SP_20006-RS-1-3	3.72	16.64	26.65	52.99	1.16	0.95	17.12	27.42	54.52	1.19	17.28	27.68	55.04	1.21	33.46	66.54	1.46	74	-			
4	ETT_SP_20006-RS-1-4	4.33	22.18	25.00	48.48	1.30	1.07	22.94	25.86	50.14	1.34	23.19	26.14	50.68	1.36	34.03	65.97	1.77	57	-			
5	ETT_SP_20006-RS-2-1	2.75	20.38	24.65	52.23	0.88	0.77	20.79	25.15	53.29	0.90	20.95	25.34	53.71	0.90	32.06	67.94	1.14	71	-			
6	ETT_SP_20006-RS-2-2	2.74	20.08	25.13	52.05	1.26	0.99	20.44	25.59	52.99	1.28	20.64	25.84	53.52	1.29	32.56	67.44	1.63	59	-			
7	ETT_SP_20006-RS-2-3	3.53	16.14	25.89	54.44	1.16	1.04	16.56	26.55	55.85	1.19	16.73	26.83	56.44	1.21	32.23	67.77	1.45	68	-			
8	ETT_SP_20006-RS-2-4	4.28	19.97	25.36	50.39	1.62	1.12	20.63	26.19	52.06	1.68	20.86	26.49	52.65	1.70	33.47	66.53	2.14	54	-			

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALEWS-30/21	ASH	VOL	TSUL
Certified Value	10.70	20.35	0.695
Standard Deviation	0.059	0.204	0.0136
Unit	%	%	%
Analyzed value	10.68	20.34	0.666





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[www.ett.mn](http://www.ett.mn)



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Чингэлтэй дүүрэг,  
Улаанбаатар хот

