



Address: Ukhaa Khudag mine, Tsogttsetsii, Umnugobi
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COAL CHEMISTRY LABORATORY



ACCREDITED LABORATORY TEST REPORT

SAMPLE DESCRIPTION

Laboratory №	25_026
Date samples received	09/12/2025
Date samples analysed	09/12/2025

Report title	Geology report
Consignor	"Energy Resources" LLC
Data reported	09/12/2025

RESULT OF ANALYSIS

№	Sample ID	COAL QUALITY PROPERTIES														
		Moisture, %		Ash, %		Volatile Matter, %		Total sulfur, %		Calorific value, kcal/kg			Crucible swelling number	Caking index	True relative density, (20°C g/cm³	
		MNS ISO 589:2003	MNS GB/T 212:2015					MNS ISO 351:2001		MNS ISO 1928:2009			MNS ISO 501:2003	MNS ISO 15585:2014	MNS GB/T 217:2015	
		Mt,ar	Mad	Aad	Ad	Vad	Vdaf	St,ad	St,d	Qgr,ad	Qgr,ar	Qnet,ar	CSN	Gi	TRD,ad	TRDd
1	S20_240107_7	8.6	1.92	33.03	33.68	17.28	26.56	0.87	0.88	5145	4792	4604	0.0	nr	nr	nr

Checked by:

Chinzorig.B
Senior chemist



Zorigbold.Ts
Lab technical manager

Comment:

The test results were calculated according to the MNS ISO 1170 standard.

The sample was not drawn by the laboratory and these test results are representative only of the sample received in the laboratory.

Coal samples were prepared according to MNS GB/T 474 standard.

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The test report would be invalid without signatures of the persons for approval

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