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CERTIFICATE OF SUBMITTED SAMPLE AND ANALYSIS

Goods description as provided by client: SUBMITTED COAL SAMPLE
Our Reference: BO 200000000813

THIS IS TO REPORT that in accordance with instructions received from our Principal, Daresa Investment Ltd, to perform analysis of the submitted coal sample, we hereby report the following: -

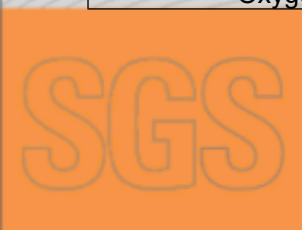
SUBMITTED SAMPLE The sample(s), to which the findings recorded herein (the "FINDINGS") relate, was (were) drawn and / or provided by the Client or a third party acting on Client's directions. The Findings constitute no warranty of the sample's representativity of all the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is /are said to be extracted.

ANALYSIS Analysis performed in accordance with ISO Standards or other International Standards and SGS Procedures.

We report the following on weighted average:

Table with 6 columns: Proximate Analysis, Unit, As Received Basis (AR), Air Determined (AD), Dry Basis (DB), Dry Ash Free Basis (DAF). Rows include Moisture, Total, Moisture, As-Determined, Ash, ISO Volatile Matter, Fixed Carbon, Total Sulphur, Gross Calorific Value, Net Calorific Value.

Table with 6 columns: Ultimate Analysis, Unit, As Received Basis (AR), Air Determined (AD), Dry Basis (DB), Dry Ash Free Basis (DAF). Rows include Total Carbon, Hydrogen (includes H in moisture), Hydrogen (excludes H in moisture), Nitrogen, Oxygen (includes O in moisture), Oxygen (excludes O in moisture).





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	Unit	As Received Basis (AR)	Air Determined (AD)	Dry Basis (DB)	Dry Ash Free Basis (DAF)
Total Chlorine ASTM D4208*	%	0.01	0.01	0.01	
Total Fluorine GB/T 4633*	ppm	127	126	129	

Hardgrove Grindability Index	48.0
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Ash Fusion Temperatures		Reducing Atmosphere	Oxidizing Atmosphere
Initial Deformation	Degree C.	>1500	>1500
Spherical (Softening)	Degree C.	>1500	>1500
Hemispherical	Degree C.	>1500	>1500
Flow (Fluid)	Degree C.	>1500	>1500

Mineral Ash Analysis (Dry Basis)	Unit	Result
SiO ₂	%	55.46
Al ₂ O ₃	%	30.70
Fe ₂ O ₃	%	6.22
CaO	%	0.53
MgO	%	1.00
Na ₂ O	%	0.16
K ₂ O	%	2.60
TiO ₂	%	1.10
MnO ₂	%	0.020
P ₂ O ₅	%	0.930
SO ₃	%	0.78
Total	%	99.50

Issued by SGS Tanzania Superintendence Co. Ltd
18th October 2023

For and on behalf of
SGS Tanzania Superintendence Co. Ltd
As Independent Inspection Agency at load port



SGS Tanzania Superintendence Co. Ltd.
Plot No, 127, Mafinga Street - Kingsway Kinondoni road P.O.Box 2249
Tanzania, United Republic Of

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