

### SAMPLING AND ANALYSIS REPORT

**PRODUCT** : SAID TO BE 2,000 MT OF IRON ORE  
**REFERENCE** : SAID TO BE PILE 01  
**PLACE OF INSPECTION** : [REDACTED] DE, MG, BRAZIL  
**DATE OF INSPECTION** : ON MARCH 22<sup>ND</sup>, 2022.  
**CLIENT** : [REDACTED] DA.

We, as an Independent International Inspection Company, within the limits of our intervention, hereby report having our representatives were present at [REDACTED] ies, located at [REDACTED] de, MG, Brazil on March 22<sup>nd</sup>, 2022 and was carried out an indicative sampling on a unit (one) pile, as identified by the client and subsequently size test and chemical analysis of the above mentioned parcel, as described below:

#### SAMPLING:

The material with an iron ore appearance was stocked in form of one pile, exposed to the open sky without any protection against the weather, properly identified as per our Client's indications.

The indicative sampling was performed collecting 30 increments randomly with the help of a shovel manual, as far accessible. The increments collected were mixed, homogenized, quartered and distributed into 06 samples for Size test and Chemical analysis.

Size test and chemical analysis were carried out in our SGS Geosol laboratory under the certificate of analysis nr. **MI2200743** at Vespasiano city, MG state, yielding the following results:

#### SIZE TEST:

Size	50,000 mm	25,000 mm	6,300 mm	<6,300 mm
Method	SCR33	SCR33	SCR33	SCR33
Unit	%	%	%	%
Result	3.89	57.71	29.43	8.97

#### CHEMICAL ANALYSIS:

Element	Moisture	Al <sub>2</sub> O <sub>3</sub>	CaO	MgO	MnO	TiO <sub>2</sub>	Zn	K <sub>2</sub> O
Method	DRY 10	CAA29E	CAA29E	CAA29E	CAA29E	CAA29E	CAA29E	CAA81D
Unit	%	%	%	%	%	%	ppm	%
Result	1.70	1.35	<0.009	0.038	0.248	0.17	79	0.001

Element	Na <sub>2</sub> O	P	SiO <sub>2</sub>	FeO	Fe	S	LOI
Method	CAA81D	CLA00V	CLA20V	CLA80C	CLA80G	CSA17V	PHY00V
Unit	%	%	%	%	%	%	%
Result	0.002	0.045	1.34	16.88	66.36	0.019	0.71

REMARKS: Results are of indicative value only and are not valid for shipment certificate purposes.



#### SGS do BRASIL LTDA.

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The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods was not possible. Sampling of this type does not satisfy the requirements for probability sampling. The suitability of this sampling method is defined by the standard. Due to the limitations of the sampling method and limited access to the entire volume of the cargo, the samples collected will not be representative of the entire cargo, but only that part accessible and sampled. SGS accepts no liability for the consequences of any action taken or not taken on the basis of this service. Any holder of this document is advised that information contained hereon is limited to the visual examination of the safely and readily accessible portions of the consignment only. Due to the nature of the cargo and limited access during inspection, items not recorded in the above description may be present. The findings of the stored Goods inspection contained herein (the "Findings") strictly relate to and cover examination of part or parts of the Goods safely accessible for inspection in accordance with the client's instructions. The Findings only relate to the time and place of inspection and do not constitute nor are intended to constitute evidence of the existence of part or all of the Goods prior to and after the time of inspection. SGS does not control the storage place of the Goods nor has any responsibility for the storage, custody and safety of the Goods. SGS does not guarantee nor make any representation about the accuracy and authenticity of the documents presented by the operator of the storage place (if any) ownership of and title to the Goods; quantity and quality of the Goods. SGS accepts no liability for the consequences of any action taken or not taken on the basis of this certificate/report.

**"ALL ABOVE FINDINGS ARE FINAL AT THE PLACE AND TIME OF OUR INTERVENTION"**

Serra-ES, on April 05<sup>th</sup>, 2022.

SGS REF. 2101.601.20020537/2022.

SGS DO BRASIL LTDA  
SGS  
*[Signature]*



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