

CERTIFICATE OF ACCREDITATION

GEOANGOL - GEOLOGIA E SONDAGENS S.A (LABORATORY SERVICES)

Company Registration No. THE ALVARA CODE 0020150 86989 NIF: 5405162850 by the Ministry of Commerce

Facility Accreditation Number: TEST-5 0039

is a SADCAS accredited Testing Laboratory
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,
Annexure "A", bearing the above accreditation number for

CHEMICAL ANALYSIS

The facility is accredited in accordance with the recognized International Standard

ISO/IEC 17025:2017

*The accreditation demonstrates technical competency for a defined scope and the operation
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States
as a multi-economy accreditation body*

Mrs Maureen P Mutasa
SADCAS Chief Executive Officer

Effective Date (Issue No: 2): 20 April 2021
Certificate Expires: 19 February 2025

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0039 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Geoangol, Geologia E Sondagens S.A Laboratory Pólo de Desenvolvimento Industrial de Viana/Talhão Nº 438 Viana, Luanda Angola</p> <p><u>Postal Address</u> N/A</p> <p><u>Tel</u> : +244 2264 30165/166 <u>Cell</u> : +244 92 415 9219 <u>Email</u> : john.bomani@geoangol.com</p>		<p><u>Technical Signatories</u> : Mr J O Bomani (All methods) Mr K Mboko (All methods)</p> <p><u>Management Signatory</u> : Ms N H B Africano</p> <p><u>Nominated Representative</u> : Mr J O Bomani</p> <p><u>Issue No</u> : 03 <u>Date of Issue</u> : 15 November 2022 <u>Expiry Date</u> : 19 February 2025</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Mineral, Ores, Rocks and Soils	Loss on ignition	CHP 001
Soils and Rocks	Moisture Content	CHP 002
Gold-bearing Ores, Rocks & Soils	Analysis of Gold by Fire Assay - AAS	CHP 003
	Analysis of Gold by Aqua Regia – AAS	CHP 004
Geological Samples	Elements, ppb, mg/kg to % by Aqua Regia – AAS and ICP OES/MS	CHP 005
	Elements, ppb, mg/kg to % by Four Acids – AAS and ICP OES/MS	CHP 006
	Elements and oxides, ppm to % – XRF Pressed Pellets	CHP 007
	Gold Palladium and Platinum – AAS, ICP	CHP 008

Original date of accreditation: 20 February 2020

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Pinkie J Malebe
SADCAS Technical Manager

