

CERTIFICATE OF ACCREDITATION

ALFRED H KNIGHT BOTSWANA MINERAL TESTING LABORATORY

Company Registration No. BW00001901644

Facility Accreditation Number: TEST-5 0098

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*

Eve C Gadzikwa
SADCAS Chief Executive Officer

Date of Accreditation: 05 March 2025
Effective Date (Issue No: 1): 05 March 2025
Certificate Expires: 04 March 2030

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0098 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory Alfred H Knight Botswana Mineral Testing Laboratory Boseto Mine Site, MMG – Khoemacau, Toteng Via Maun North-West District Botswana</p> <p>Postal Address P.O Box 1453 Gaborone Botswana</p> <p>Tel : +267 76239491 Cell : +267 76239491 Email : seadimo.raphaka@ahkgroup.com</p>		<p>Technical Signatories : Mr K K Karihindi (All methods) Mr S Chalema (All methods)</p> <p>Nominated Representative : Mrs S Raphaka</p> <p>Issue No : 01 Date of Issue : 05 March 2025 Expiry Date : 04 March 2030</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED
Copper Concentrate	Determination of Silver in copper concentrate	AHK/80/KCMB01 using FAAS
	Determination of Copper in concentrates and ores	AHK/80/KCMB04 by short iodide titration
Copper Ore	Determination of sulphur in copper ores	AHK/80/KCMB05 by carbon sulphur analyser
	Determination of Ag, As, Al, Bi, Ca, Cd, Co, Cu, Fe, K, Mg, Mn, Ni, Pb, Sb, Zn	AHK/80/KCMB06 by ICP-OES

Original date of accreditation: 05 March 2025

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Pinkie Malebe
SADCAS Technical Manager