

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid from 12 June 2019
to 30 November 2020
Issued on 12 June 2019



ISO/ IEC 17025
TL 084-01

Schedule of Accreditation

Accreditation Scheme for Testing / Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 084-01

**Analytical laboratory
Geological Survey & Mines Bureau,
No. 569, Epitamulla Road,
Pitakotte.**

Scope of Accreditation: Performing Chemical testing on Minerals (Quartz), Dolomite, Water & Waste Water as per test methods given in the scope.

The Laboratory is accredited for the following tests appear on page 02;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
Chemical Testing				
01	Quartz	SiO ₂	(GSMB-AL-MM-01) Based on the book "Chemical Methods of Rock Analysis. The Pergamon Series in Analytical Chemistry, Volume 4, 3 rd edition by P. G. Jeffery and D. Hutchison	95-100%
02		Fe	IS 1917: (Part 5): 1992 Reaffirmed 2017	0.02-2%
03	Dolomite	SiO ₂	IS 1760: (Part 2) :1991 –First revision Reaffirmed 2017	0.05-10%
04		CaO	SLS 645: Part 6:1990	0.5-55%
05		MgO	SLS 645: Part 6:1990	0.2-52%
06		Loss on ignition	IS 1760: (Part 1) :1991 –First revision Reaffirmed 2017	0.05-50%
07	Water/Waste water	pH	APHA method - 4500 -H ⁺ 23 rd Edition:2017	2 -11
08		Conductivity	APHA method - 2510 23 rd Edition:2017	10µs/cm- 100 ms/cm
09		Arsenic (As)	ISO 17378-2:2014(E) Water Quality - Determination of Arsenic & antimony Part 2: Method using Hydride Generation Atomic Absorption Spectrometry (HG-AAS)	1.0µg/L-400µg/L
10		Mercury (Hg)	ISO 17852:2006 (E) Water Quality- Determination of Mercury- Method using Atomic Fluorescence Spectrometry	0.5µg/L-100µg/L

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment