

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Chemical Laboratory

Department of Geology and Mines
Ministry of Energy and Natural Resources
Thimphu, Bhutan

has been assessed and accredited in accordance with the Standard
ISO/IEC 17025:2017

"General Requirements for the Competence of Testing and Calibration Laboratories"
In the field of
Testing

*This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance to the above standard &
any other requirements specified by QAI.*



QAI/CIA/TL/2025/0148

Valid from: 25 October 2025

Valid until: 24 October 2027

A handwritten signature in black ink, appearing to read 'Bhupendra'.

Dr. Bhupendra Kumar Rana
Chief Executive Officer

A handwritten signature in black ink, appearing to read 'Vikram'.

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in



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Scope of Accreditation

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Ores and Minerals		
1.	Limestone	% Si as SiO ₂	-Indian Bureau of Mines (IBM) 2012 -Wet chemical method: gravimetric & Titrimetric
2.		% Loss on Ignition (LOI)	
3.		% Mg as MgO	
4.		% Fe as Fe ₂ O ₃	
5.		% Ca as CaO	-American Society for Testing Materials (ASTM) C25 - Wet chemical method - gravimetric method
6.	Iron Ore	% Si as SiO ₂	-Indian Bureau of Mines (IBM) 2012) - Wet chemical method - gravimetric method
7.		% Fe as total iron	
8.	Quartzite/Quartz	% Si as SiO ₂	Test Procedure (SOP/Qtz/001) adapted from Indian Standard IS 1917 (part-3)
9.		% Fe as Fe ₂ O ₃	Indian Bureau of Mines (IBM) 2012
10.		% Loss on Ignition (LOI)	IS 1917 (part-1)

