National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA (GOVERNMENT OF INDIA), EASTERN REGION HEAD QUARTER, BHU-BIJNAN BHAVAN, BLOCK DK-6, SECTOR-2, SALT LAKE, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5956 **Page No** 1 of 4

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- SOIL AND ROCK	Rock	Aluminium Oxide	GSI/CL/ER/SOP/02B
2	CHEMICAL- SOIL AND ROCK	Rock	Barium	GSI/CL/ER/SOP/02B
3	CHEMICAL- SOIL AND ROCK	Rock	Calcium Oxide	GSI/CL/ER/SOP/02B
4	CHEMICAL- SOIL AND ROCK	Rock	Chromium	GSI/CL/ER/SOP/02B
5	CHEMICAL- SOIL AND ROCK	Rock	Cobalt	GSI/CL/ER/SOP/02B
6	CHEMICAL- SOIL AND ROCK	Rock	Copper	GSI/CL/ER/SOP/02B
7	CHEMICAL- SOIL AND ROCK	Rock	Ferric Oxide	GSI/CL/ER/SOP/02B
8	CHEMICAL- SOIL AND ROCK	Rock	Gallium	GSI/CL/ER/SOP/02B
9	CHEMICAL- SOIL AND ROCK	Rock	Lead	GSI/CL/ER/SOP/02B
10	CHEMICAL- SOIL AND ROCK	Rock	Magnesium Oxide	GSI/CL/ER/SOP/02B
11	CHEMICAL- SOIL AND ROCK	Rock	Manganese Oxide	GSI/CL/ER/SOP/02B
12	CHEMICAL- SOIL AND ROCK	Rock	Nickel	GSI/CL/ER/SOP/02B
13	CHEMICAL- SOIL AND ROCK	Rock	Niobium	GSI/CL/ER/SOP/02B
14	CHEMICAL- SOIL AND ROCK	Rock	Phosphorus Pentoxide	GSI/CL/ER/SOP/02B
15	CHEMICAL- SOIL AND ROCK	Rock	Potassium Oxide	GSI/CL/ER/SOP/02B
16	CHEMICAL- SOIL AND ROCK	Rock	Scandium	GSI/CL/ER/SOP/02B
17	CHEMICAL- SOIL AND ROCK	Rock	Silicon Dioxide	GSI/CL/ER/SOP/02B
18	CHEMICAL- SOIL AND ROCK	Rock	Sodium Oxide	GSI/CL/ER/SOP/02B

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19	CHEMICAL- SOIL AND ROCK	Rock	Strontium	GSI/CL/ER/SOP/02B
20	CHEMICAL- SOIL AND ROCK	Rock	Titanium Oxide	GSI/CL/ER/SOP/02B
21	CHEMICAL- SOIL AND ROCK	Rock	Vanadium	GSI/CL/ER/SOP/02B
22	CHEMICAL- SOIL AND ROCK	Rock	Yttrium	GSI/CL/ER/SOP/02B
23	CHEMICAL- SOIL AND ROCK	Rock	Zinc	GSI/CL/ER/SOP/02B
24	CHEMICAL- SOIL AND ROCK	Rock	Zirconium	GSI/CL/ER/SOP/02B
25	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Aluminium Oxide	GSI/CL/ER/SOP/02A
26	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Barium	GSI/CL/ER/SOP/02A
27	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Calcium Oxide	GSI/CL/ER/SOP/02A
28	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Chromium	GSI/CL/ER/SOP/02A
29	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Cobalt	GSI/CL/ER/SOP/02A
30	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Copper	GSI/CL/ER/SOP/02A
31	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Ferric Oxide	GSI/CL/ER/SOP/02A
32	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Gallium	GSI/CL/ER/SOP/02A
33	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Lead	GSI/CL/ER/SOP/02A
34	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Magnesium Oxide	GSI/CL/ER/SOP/02A
35	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Manganese Oxide	GSI/CL/ER/SOP/02A
36	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Nickel	GSI/CL/ER/SOP/02A
37	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Niobium	GSI/CL/ER/SOP/02A

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38	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Phosphorus Pentoxide	GSI/CL/ER/SOP/02A
39	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Potassium Oxide	GSI/CL/ER/SOP/02A
40	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Scandium	GSI/CL/ER/SOP/02A
41	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Sodium Oxide	GSI/CL/ER/SOP/02A
42	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Strontium	GSI/CL/ER/SOP/02A
43	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Titanium Oxide	GSI/CL/ER/SOP/02A
44	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Vanadium	GSI/CL/ER/SOP/02A
45	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Yttrium	GSI/CL/ER/SOP/02A
46	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Zinc	GSI/CL/ER/SOP/02A
47	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Zirconium	GSI/CL/ER/SOP/02A
48	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	Silicon Dioxide	GSI/CL/ER/SOP/02A
49	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Europium	GSI/CL/ER/SOP/01A
50	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Holmium	GSI/CL/ER/SOP/01A
51	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Lutetium	GSI/CL/ER/SOP/01A
52	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Neodymium	GSI/CL/ER/SOP/01A
53	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Terbium	GSI/CL/ER/SOP/01A
54	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Thulium	GSI/CL/ER/SOP/01A
55	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Tin	GSI/CL/ER/SOP/01A
56	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Ytterbium	GSI/CL/ER/SOP/01A

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57	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Cerium	GSI/CL/ER/SOP/01A
58	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Dysprosium	GSI/CL/ER/SOP/01A
59	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Erbium	GSI/CL/ER/SOP/01A
60	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Gadolinium	GSI/CL/ER/SOP/01A
61	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Germanium	GSI/CL/ER/SOP/01A
62	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Hafnium	GSI/CL/ER/SOP/01A
63	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Lanthanum	GSI/CL/ER/SOP/01A
64	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Praseodymium	GSI/CL/ER/SOP/01A
65	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Samarium	GSI/CL/ER/SOP/01A
66	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Tantalum	GSI/CL/ER/SOP/01A
67	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Uranium	GSI/CL/ER/SOP/01A
68	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Beryllium	GSI/CL/ER/SOP/01A
69	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Rubidium	GSI/CL/ER/SOP/01A
70	CHEMICAL- SOIL AND ROCK	Soil, Stream Sediment and Rock	Thorium	GSI/CL/ER/SOP/01A