National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, 36-39, JAWAHARLAL NEHRU ROAD, GUINDY, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10079 **Page No** 1 of 3

Validity 16/11/2021 to 15/11/2023 **Last Amended on** 23/06/2023

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	SiO_2	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
2	CHEMICAL- SOIL AND ROCK	Rock	Al_2O_3	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
3	CHEMICAL- SOIL AND ROCK	Rock	Ba	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
4	CHEMICAL- SOIL AND ROCK	Rock	CaO	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
5	CHEMICAL- SOIL AND ROCK	Rock	Co	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
6	CHEMICAL- SOIL AND ROCK	Rock	Cr	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
7	CHEMICAL- SOIL AND ROCK	Rock	Cu	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
8	CHEMICAL- SOIL AND ROCK	Rock	F	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
9	CHEMICAL- SOIL AND ROCK	Rock	Fe_2O_3	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
10	CHEMICAL- SOIL AND ROCK	Rock	Ga	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
11	CHEMICAL- SOIL AND ROCK	Rock	K_2O	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
12	CHEMICAL- SOIL AND ROCK	Rock	MgO	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
13	CHEMICAL- SOIL AND ROCK	Rock	MnO	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
14	CHEMICAL- SOIL AND ROCK	Rock	Mo	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
15	CHEMICAL- SOIL AND ROCK	Rock	Na_2O	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
16	CHEMICAL- SOIL AND ROCK	Rock	Nb	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
17	CHEMICAL- SOIL AND ROCK	Rock	Ni	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
18	CHEMICAL- SOIL AND ROCK	Rock	P_2O_5	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021

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Certificate Number TC-10079 **Page No** 2 of 3

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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
19	CHEMICAL- SOIL AND ROCK	Rock	Pb	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
20	CHEMICAL- SOIL AND ROCK	Rock	Rb	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
21	CHEMICAL- SOIL AND ROCK	Rock	S	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
22	CHEMICAL- SOIL AND ROCK	Rock	Sc	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
23	CHEMICAL- SOIL AND ROCK	Rock	Sn	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
24	CHEMICAL- SOIL AND ROCK	Rock	Sr	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
25	CHEMICAL- SOIL AND ROCK	Rock	Th	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
26	CHEMICAL- SOIL AND ROCK	Rock	TiO2	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
27	CHEMICAL- SOIL AND ROCK	Rock	U	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
28	CHEMICAL- SOIL AND ROCK	Rock	V	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
29	CHEMICAL- SOIL AND ROCK	Rock	W	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
30	CHEMICAL- SOIL AND ROCK	Rock	Y	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
31	CHEMICAL- SOIL AND ROCK	Rock	Zn	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
32	CHEMICAL- SOIL AND ROCK	Rock	Zr	SOP No. XRF/RC01 ISSUE No. 01 DATED: 29/01/2021
33	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	Al2O3	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
34	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	Ba	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
35	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	CaO	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
36	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	Co	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
37	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Cr	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10079	**Page No**	3 of 3
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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
38	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Cu	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
39	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	Fe2O3	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
40	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Ga	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
41	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	K2O	SOP No. XRF/SS01 ISSUE No. 01 DATED:10.12.2020
42	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	MgO	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
43	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	MnO	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
44	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	Na2O	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
45	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Nb	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
46	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Ni	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
47	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	P2O5	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
48	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Pb	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
49	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Sc	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
50	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	SiO2	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
51	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Sr	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
52	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	TiO2	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
53	CHEMICAL- SOIL AND ROCK	Soil and Stream sediments	V	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
54	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Y	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
55	CHEMICAL- SOIL AND ROCK	Soil and stream Sediments	Zn	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020
56	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediments	Zr	SOP No. XRF/SS01 ISSUE No. 01 DATED: 10.12.2020