National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, WESTERN REGION, 15-16, KHANIJ BHAWAN, GSI COMPLEX, JHALANA DUNGRI, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/04/2021 to 15/04/2023 **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	Al2O3	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
2	CHEMICAL- SOIL AND ROCK	Rock	Ba	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
3	CHEMICAL- SOIL AND ROCK	Rock	Be	GSI/CL/JPR/SOP/02/ICPMS/2B Issu No. 01 Issue Date: 25.06.2014
4	CHEMICAL- SOIL AND ROCK	Rock	CaO	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
5	CHEMICAL- SOIL AND ROCK	Rock	Ce	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
6	CHEMICAL- SOIL AND ROCK	Rock	Co	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
7	CHEMICAL- SOIL AND ROCK	Rock	Cr	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
8	CHEMICAL- SOIL AND ROCK	Rock	Cu	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
9	CHEMICAL- SOIL AND ROCK	Rock	Dy	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
10	CHEMICAL- SOIL AND ROCK	Rock	Er	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
11	CHEMICAL- SOIL AND ROCK	Rock	Eu	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
12	CHEMICAL- SOIL AND ROCK	Rock	Fe2O3	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
13	CHEMICAL- SOIL AND ROCK	Rock	Ga	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, WESTERN REGION, 15-16, KHANIJ BHAWAN, GSI COMPLEX, JHALANA DUNGRI, JAIPUR, RAJASTHAN, INDIA

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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
14	CHEMICAL- SOIL AND ROCK	Rock	Gd	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
15	CHEMICAL- SOIL AND ROCK	Rock	Ge	GSI/CL/JPR/SOP/02/ICPMS/2B Issu No. 01 Issue Date: 25.06.2014
16	CHEMICAL- SOIL AND ROCK	Rock	Hf	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
17	CHEMICAL- SOIL AND ROCK	Rock	Ho	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
18	CHEMICAL- SOIL AND ROCK	Rock	K2O	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
19	CHEMICAL- SOIL AND ROCK	Rock	La	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
20	CHEMICAL- SOIL AND ROCK	Rock	Lu	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
21	CHEMICAL- SOIL AND ROCK	Rock	MgO	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
22	CHEMICAL- SOIL AND ROCK	Rock	MnO	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
23	CHEMICAL- SOIL AND ROCK	Rock	Mo	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
24	CHEMICAL- SOIL AND ROCK	Rock	Na2O	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
25	CHEMICAL- SOIL AND ROCK	Rock	Nb	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
26	CHEMICAL- SOIL AND ROCK	Rock	Nd	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
27	CHEMICAL- SOIL AND ROCK	Rock	Ni	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, WESTERN REGION, 15-16, KHANIJ BHAWAN, GSI COMPLEX, JHALANA DUNGRI, JAIPUR, RAJASTHAN, INDIA

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Validity 16/04/2021 to 15/04/2023 **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
28	CHEMICAL- SOIL AND ROCK	Rock	P2O5	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
29	CHEMICAL- SOIL AND ROCK	Rock	Pb	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
30	CHEMICAL- SOIL AND ROCK	Rock	Pr	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
31	CHEMICAL- SOIL AND ROCK	Rock	Rb	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
32	CHEMICAL- SOIL AND ROCK	Rock	Sc	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
33	CHEMICAL- SOIL AND ROCK	Rock	SiO2	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
34	CHEMICAL- SOIL AND ROCK	Rock	Sm	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
35	CHEMICAL- SOIL AND ROCK	Rock	Sn	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue No. 01 Issue Date: 25.06.2014
36	CHEMICAL- SOIL AND ROCK	Rock	Sr	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
37	CHEMICAL- SOIL AND ROCK	Rock	Ta	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
38	CHEMICAL- SOIL AND ROCK	Rock	Tb	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
39	CHEMICAL- SOIL AND ROCK	Rock	Th	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
40	CHEMICAL- SOIL AND ROCK	Rock	TiO2	GSI/CL/JPR/SOP/02/XRF/2A Issue No. 02 Issue Date: 17.10.2018
41	CHEMICAL- SOIL AND ROCK	Rock	Tm	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
42	CHEMICAL- SOIL AND ROCK	Rock	U	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, WESTERN REGION, 15-16, KHANIJ BHAWAN, GSI COMPLEX, JHALANA DUNGRI, JAIPUR, RAJASTHAN, INDIA

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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
43	CHEMICAL- SOIL AND ROCK	Rock	V	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
44	CHEMICAL- SOIL AND ROCK	Rock	W	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
45	CHEMICAL- SOIL AND ROCK	Rock	Y	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
46	CHEMICAL- SOIL AND ROCK	Rock	Yb	GSI/CL/JPR/SOP/02/ICPMS/2B Issue No. 01 Issue Date: 25.06.2014
47	CHEMICAL- SOIL AND ROCK	Rock	Zn	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
48	CHEMICAL- SOIL AND ROCK	Rock	Zr	GSI/CL/JPR/SOP/02/XRF/2A Issu No. 02 Issue Date: 17.10.2018
49	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Al2O3	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
50	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ba	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 2018
51	CHEMICAL- SOIL AND ROCK	Soil & Stream sediment	Be	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
52	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	CaO	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
53	CHEMICAL- SOIL AND ROCK	Soil & Stream sediment	Ce	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
54	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Co	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 2 Issue Date: 17.10.2018
55	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Cr	GSI/CL/JPR/SOP/01/XRF/1A Issue No.02 Issue Date: 17.10.2018
56	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Cu	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
57	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Dy	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014

SCOPE OF ACCREDITATION

Laboratory Name : CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, WESTERN REGION, 15-16, KHANIJ BHAWAN, GSI COMPLEX, JHALANA DUNGRI, JAIPUR, RAJASTHAN, INDIA

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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
58	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Er	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
59	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Eu	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
60	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Fe2O3	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
61	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ga	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
62	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Gd	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
63	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ge	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
64	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Hf	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
65	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ho	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
66	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	K2O	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
67	CHEMICAL- SOIL AND ROCK	Soil & Stream sediment	La	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
68	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Lu	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
69	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	MgO	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
70	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	MnO	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
71	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Na2O	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018

SCOPE OF ACCREDITATION

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72	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Nb	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
73	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Nd	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
74	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ni	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
75	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	P2O5	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
76	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Pb	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
77	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Pr	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
78	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Rb	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
79	CHEMICAL- SOIL AND ROCK	Soil & Stream sediment	Sc	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
80	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Sm	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
81	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Sn	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
82	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Sr	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
83	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ta	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
84	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Tb	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
85	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Th	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018

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86	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Tm	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
87	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	U	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
88	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	V	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
89	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Y	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
90	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Yb	GSI/CL/JPR/SOP/01/ICPMS/1B Issue No. 01 Issue Date: 25.06.2014
91	CHEMICAL- SOIL AND ROCK	Soil & Stream sediment	Zn	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
92	CHEMICAL- SOIL AND ROCK	Soil & Stream sediment	Zr	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018
93	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	SiO2	GSI/CL/JPR/SOP/01/XRF/1A Issue No.02, Issue Date: 17.10.2018
94	CHEMICAL- SOIL AND ROCK	Soil and Stream Sediment	TiO2	GSI/CL/JPR/SOP/01/XRF/1A Issue No. 02 Issue Date: 17.10.2018