National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL CHEMICAL LABORATORY, GEOLOGICAL SURVEY OF INDIA, CHQ, 15 A & B KYD STREET, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5833 **Page No** 1 of 5

Validity 20/03/2022 to 19/03/2024 **Last Amended on** 15/07/2022

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	Hafnium (Hf)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
2	CHEMICAL- SOIL AND ROCK	Rock	Aluminium oxide (Al2O3)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
3	CHEMICAL- SOIL AND ROCK	Rock	Arsenic (As)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
4	CHEMICAL- SOIL AND ROCK	Rock	Barium (Ba)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
5	CHEMICAL- SOIL AND ROCK	Rock	Beryllium (Be)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
6	CHEMICAL- SOIL AND ROCK	Rock	Calcium oxide (CaO)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
7	CHEMICAL- SOIL AND ROCK	Rock	Cerium (Ce)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
8	CHEMICAL- SOIL AND ROCK	Rock	Chromium (Cr)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
9	CHEMICAL- SOIL AND ROCK	Rock	Cobalt (Co)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
10	CHEMICAL- SOIL AND ROCK	Rock	Copper (Cu)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
11	CHEMICAL- SOIL AND ROCK	Rock	Dysprosium (Dy)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
12	CHEMICAL- SOIL AND ROCK	Rock	Erbium (Er)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
13	CHEMICAL- SOIL AND ROCK	Rock	Europium (Eu)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
14	CHEMICAL- SOIL AND ROCK	Rock	Ferric oxide (Fe2O3)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
15	CHEMICAL- SOIL AND ROCK	Rock	Gadolinium (Gd)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
16	CHEMICAL- SOIL AND ROCK	Rock	Gallium (Ga)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
17	CHEMICAL- SOIL AND ROCK	Rock	Germanium (Ge)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
18	CHEMICAL- SOIL AND ROCK	Rock	Holmium (Ho)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5833	**Page No**	2 of 5
Validity	20/03/2022 to 19/03/2024	**Last Amended on**	15/07/2022

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	Lanthanum (La)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
20	CHEMICAL- SOIL AND ROCK	Rock	Lead (Pb)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
21	CHEMICAL- SOIL AND ROCK	Rock	Lutetium (Lu)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
22	CHEMICAL- SOIL AND ROCK	Rock	Magnesium oxide (MgO)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
23	CHEMICAL- SOIL AND ROCK	Rock	Manganous oxide (MnO)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
24	CHEMICAL- SOIL AND ROCK	Rock	Neodymium (Nd)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
25	CHEMICAL- SOIL AND ROCK	Rock	Nickel (Ni)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
26	CHEMICAL- SOIL AND ROCK	Rock	Niobium (Nb)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
27	CHEMICAL- SOIL AND ROCK	Rock	Phosphorous pentoxide (P2O5)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
28	CHEMICAL- SOIL AND ROCK	Rock	Potassium oxide (K2O)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
29	CHEMICAL- SOIL AND ROCK	Rock	Praseodymium (Pr)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
30	CHEMICAL- SOIL AND ROCK	Rock	Rubidium (Rb)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
31	CHEMICAL- SOIL AND ROCK	Rock	Samarium (Sm)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
32	CHEMICAL- SOIL AND ROCK	Rock	Scandium (Sc)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
33	CHEMICAL- SOIL AND ROCK	Rock	Silicon dioxide (SiO2)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
34	CHEMICAL- SOIL AND ROCK	Rock	Sodium oxide (Na2O)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
35	CHEMICAL- SOIL AND ROCK	Rock	Strontium (Sr)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
36	CHEMICAL- SOIL AND ROCK	Rock	Tantalum (Ta)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
37	CHEMICAL- SOIL AND ROCK	Rock	Terbium (Tb)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019

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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	Rock	Thorium (Th)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
39	CHEMICAL- SOIL AND ROCK	Rock	Thulium (Tm)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
40	CHEMICAL- SOIL AND ROCK	Rock	Tin (Sn)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
41	CHEMICAL- SOIL AND ROCK	Rock	Titanium dioxide (TiO2)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
42	CHEMICAL- SOIL AND ROCK	Rock	Uranium (U)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
43	CHEMICAL- SOIL AND ROCK	Rock	Vanadium (V)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
44	CHEMICAL- SOIL AND ROCK	Rock	Ytterbium (Yb)	GSI/CCL/CHQ/SOP/01/01D Issue no. 5 Date 26.11.2019
45	CHEMICAL- SOIL AND ROCK	Rock	Yttrium (Y)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
46	CHEMICAL- SOIL AND ROCK	Rock	Zinc (Zn)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
47	CHEMICAL- SOIL AND ROCK	Rock	Zirconium (Zr)	GSI/CCL/CHQ/SOP/01/01C Issue no. 2 Date 05.12.2019
48	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Aluminium oxide (Al2O3)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
49	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Arsenic (As)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
50	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Barium (Ba)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
51	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Beryllium (Be)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
52	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Calcium oxide (CaO)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
53	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Cerium (Ce)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
54	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Chromium (Cr)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
55	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Cobalt (Co)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
56	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Copper (Cu)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019

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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
57	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Dysprosium (Dy)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
58	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Erbium (Er)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
59	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Europium (Eu)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
60	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ferric oxide (Fe2O3)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
61	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Gadolinium (Gd)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
62	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Gallium (Ga)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
63	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Germanium (Ge)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
64	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Hafnium (Hf)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
65	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Holmium (Ho)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
66	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Lanthanum (La)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
67	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Lead (Pb)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
68	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Lutetium (Lu)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
69	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Magnesium oxide (MgO)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
70	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Manganous oxide (MnO)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
71	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Neodymium (Nd)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
72	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Nickel (Ni)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
73	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Niobium (Nb)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
74	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Phosphorous pentoxide (P2O5)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
75	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Potassium oxide (K2O)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019

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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
76	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Praseodymium (Pr)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
77	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Rubidium (Rb)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
78	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Samarium (Sm)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
79	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Scandium (Sc)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
80	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Silicon dioxide (SiO2)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
81	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Sodium oxide (Na2O)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
82	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Strontium (Sr)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
83	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Tantalum (Ta)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
84	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Terbium (Tb)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
85	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Thorium (Th)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
86	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Thulium (Tm)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
87	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Tin (Sn)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
88	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Titanium dioxide (TiO2)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
89	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Uranium (U)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
90	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Vanadium (V)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
91	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Ytterbium (Yb)	GSI/CCL/CHQ/SOP/01/01B Issue no. 5 Date 26.11.2019
92	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Yttrium (Y)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
93	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Zinc (Zn)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019
94	CHEMICAL- SOIL AND ROCK	Soil & Stream Sediment	Zirconium (Zr)	GSI/CCL/CHQ/SOP/01/01A Issue no. 2 Date 05.12.2019