

Details of the Borehole core sample Analytical Results for 34 Elements by ICP-MS Method, Sitapur Block, District-Balaghat, Madhya Pradesh

Sl. No.	BH. No.	Sample No.	Lab No.	From (m)	To (m)	Thick-ness (m)	Li	Be	B	Sc	V	Ga	Ge	Rb	Sr	Y	Zr	Nb	Mo	Sn	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Th	U	Total REE+Sc+Y
							Values in PPM (LOD=0.1 PPM)																																		
1	MSC/01	MS/IC/01	SCB-214	73.00	73.50	0.50	5.53	0.92	0.62	73.39	295.64	80.30	3.39	6.97	52.92	27.05	139.78	40.89	3.28	9.74	0.47	70.39	131.41	13.37	45.54	8.17	1.89	6.60	1.13	6.67	1.24	3.42	0.58	3.63	0.54	6.61	0.84	5.04	4.96	1.50	395.02
2		MS/IC/02	SCB-215	73.50	74.00	0.50	12.86	0.80	0.47	46.00	324.58	18.13	1.98	48.16	133.35	53.27	141.20	2.77	0.76	1.62	0.45	14.15	26.91	3.80	16.13	4.17	1.49	5.45	1.18	8.57	1.98	5.88	0.96	5.65	0.88	4.69	0.28	3.00	4.07	1.15	196.47
3		MS/IC/03	SCB-216	74.00	74.50	0.50	15.44	0.62	BDL	47.33	329.33	17.77	2.04	43.72	137.96	55.58	142.76	2.85	1.06	1.68	0.44	14.28	27.74	3.88	16.50	4.30	1.52	5.68	1.25	9.15	2.02	6.07	0.97	6.36	0.91	4.44	0.24	2.32	4.21	1.17	203.53
4		MS/IC/04	SCB-217	74.50	75.00	0.50	14.25	0.18	BDL	48.87	327.70	17.43	2.04	47.54	149.20	53.80	152.10	3.00	0.79	1.70	0.67	13.95	27.01	3.70	16.09	4.08	1.38	5.32	1.22	8.91	1.97	5.80	0.95	6.08	0.84	4.67	0.31	26.39	4.00	1.21	199.96
5		MS/IC/05	SCB-218	75.00	75.50	0.50	14.13	0.86	0.19	49.48	338.20	18.70	2.12	35.35	146.34	56.64	160.88	3.00	0.91	1.64	0.64	14.39	28.13	3.85	17.24	4.27	1.53	5.83	1.27	9.17	2.05	6.26	1.01	6.07	0.93	4.97	0.29	15.91	4.18	1.22	208.13
6		MS/IC/06	SCB-219	75.50	76.00	0.50	15.27	0.74	BDL	49.78	346.40	18.97	2.06	36.93	147.31	58.28	162.18	3.45	0.90	2.07	0.59	14.86	28.72	3.88	17.25	4.38	1.49	5.76	1.31	9.57	2.08	6.42	1.03	6.56	0.92	4.74	0.35	5.14	4.34	1.28	212.29
7		MS/IC/07	SCB-220	76.00	76.50	0.50	15.31	0.98	BDL	50.57	347.49	18.40	2.13	58.12	151.34	56.91	166.11	3.58	0.83	1.83	0.64	14.32	28.02	3.84	16.57	4.38	1.51	5.89	1.22	9.27	2.13	6.21	1.00	6.23	0.91	5.21	0.37	2.24	4.28	1.21	208.97
8		MS/IC/08	SCB-221	76.50	77.00	0.50	12.20	0.92	BDL	49.52	331.07	18.62	2.06	39.72	147.09	54.67	147.81	3.06	0.83	1.56	0.56	14.37	27.39	3.82	16.68	4.13	1.54	5.68	1.22	8.90	1.96	6.01	0.96	5.95	0.91	4.71	0.25	3.72	4.18	1.14	203.72
9		MS/IC/09	SCB-222	77.00	77.50	0.50	14.41	0.86	BDL	51.98	355.35	19.34	1.86	43.27	144.60	58.52	163.19	3.13	1.51	1.75	0.46	14.99	29.30	4.03	17.16	4.36	1.51	6.01	1.29	9.71	2.12	6.24	1.01	6.21	0.95	4.54	0.27	2.85	4.49	1.33	215.42
10		MS/IC/10	SCB-223	77.50	78.00	0.50	10.97	0.68	BDL	53.40	364.09	20.39	2.14	54.89	157.43	61.07	150.53	2.64	0.99	1.80	0.48	15.94	30.79	4.16	18.35	4.76	1.59	5.97	1.35	9.92	2.21	6.63	1.06	6.66	1.03	4.61	0.21	3.75	4.46	1.35	224.90
11		MS/IC/11	SCB-224	78.00	78.50	0.50	12.65	0.55	BDL	52.02	358.17	20.75	2.21	50.79	173.86	61.20	167.99	2.79	0.93	1.76	0.55	15.95	30.79	4.30	18.33	4.74	1.64	6.26	1.31	9.87	2.18	6.67	1.07	6.51	1.00	5.17	0.16	2.42	4.56	1.31	223.83
12		MS/IC/12	SCB-225	78.50	79.00	0.50	14.25	0.74	BDL	53.44	366.65	20.14	2.07	36.23	164.89	61.73	152.12	3.10	0.88	1.74	0.65	16.04	30.51	4.26	18.07	4.73	1.67	6.18	1.36	10.02	2.24	6.57	1.05	6.50	1.00	4.69	0.21	2.76	4.59	1.32	225.36
13		MS/IC/13	SCB-226	100.80	101.30	0.50	30.63	0.49	BDL	24.31	165.41	11.55	1.15	88.81	185.29	33.46	35.07	2.77	5.42	2.20	4.62	7.99	14.57	1.96	8.54	2.00	0.83	2.79	0.65	5.01	1.22	4.07	0.74	5.27	0.84	0.96	0.13	67.81	2.04	2.63	114.24
14		MS/IC/14	SCB-227	101.30	101.80	0.50	61.67	0.80	0.15	47.46	327.81	22.52	1.93	243.96	262.50	51.41	61.54	3.57	3.14	3.00	13.34	13.28	25.82	3.55	15.48	4.04	1.58	5.27	1.15	8.45	1.82	5.43	0.82	4.86	0.71	1.71	0.39	4.82	3.65	3.52	191.15
15		MS/IC/15	SCB-228	101.80	102.30	0.50	81.74	0.80	BDL	56.38	389.36	27.87	2.13	362.08	248.07	55.60	73.50	4.29	2.01	3.04	19.51	16.73	32.55	4.46	18.77	4.81	1.51	5.87	1.24	9.09	2.10	6.23	1.04	6.53	1.02	2.20	0.52	2.67	5.23	4.75	223.94
16		MS/IC/16	SCB-229	102.30	102.80	0.50	73.02	0.98	BDL	52.10	368.88	25.19	2.18	305.15	224.98	52.51	78.89	3.70	1.31	2.70	16.28	14.51	28.85	3.95	17.07	4.45	1.57	5.77	1.26	8.92	1.94	5.53	0.86	4.75	0.73	2.37	0.39	2.31	4.13	4.69	204.74
17		MS/IC/17	SCB-230	102.80	103.30	0.50	44.80	0.92	BDL	48.76	335.50	19.67	1.94	150.90	305.08	52.75	58.35	3.08	1.39	1.70	8.23	13.53	26.05	3.59	15.94	4.45	1.43	5.19	1.17	8.74	1.94	5.51	0.88	5.56	0.80	1.98	0.41	2.20	3.64	1.28	196.29
18		MS/IC/18	SCB-231	103.30	103.80	0.50	42.91	0.98	BDL	49.45	335.82	19.37	2.05	132.89	311.35	52.36	58.40	3.04	0.76	1.65	7.28	13.56	26.28	3.58	15.87	4.18	1.44	5.34	1.17	8.43	1.92	5.67	0.93	5.61	0.81	1.82	0.36	3.25	3.62	1.11	196.60
19		MS/IC/19	SCB-232	103.80	104.30	0.50	53.73	1.11	BDL	54.95	377.16	22.09	2.27	156.99	410.55	59.01	52.05	3.74	0.87	1.96	7.95	14.77	28.31	3.99	17.28	4.50	1.64	5.81	1.25	9.50	2.07	6.20	1.02	5.94	0.89	1.81	0.43	1.92	3.96	1.36	217.13
20		MS/IC/20	SCB-233	104.30	104.80	0.50	53.48	2.09	BDL	55.42	378.13	24.07	2.28	168.91	483.60	59.30	29.29	4.17	0.76	2.19	7.99	18.15	31.94	4.32	18.32	4.67	1.61	5.96	1.31	9.72	2.17	6.35	1.08	6.25	0.91	1.38	0.46	1.99	4.09	1.46	227.50
21		MS/IC/21	SCB-234	104.80	105.30	0.50	57.41	1.54	BDL	34.79	264.25	21.16	1.84	230.24	382.93	42.21	36.53	4.30	0.95	1.82	10.29	25.28	43.57	5.43	20.75	4.16	1.32	4.80	0.95	6.96	1.53	4.49	0.71	4.24	0.61	1.58	0.58	1.99	8.83	2.65	201.78
22		MS/IC/22	SCB-235	105.30	105.80	0.50	22.48	1.91	BDL	6.67	69.43	20.70	1.15	60.84	382.43	22.37	103.45	4.2.2																							