



**Statement showing details of Bed Rock Samples collected in Jaharitola and Mundatola Block,
District - Sundargarh, Odisha**

Sl. No.	Sample No.	Type of Sample	Northing (m)	Easting (m)	CaO%	MgO%	SiO ₂ %	Fe ₂ O ₃ %	Al ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O%	Na ₂ O%	LOI%
1	MML-01	Bed Rock (Channel)	2474738.62	286186.18	26.05	14.75	13.69	2.39	4.71	0.02	0.04	1.96	0.03	35.75
2	MML-02		2474682.97	286169.37	19.05	12.46	27.68	5.14	7.24	0.02	0.09	3.83	0.07	23.36
3	MML-03		2474764.67	285728.81	26.66	14.54	11.00	2.08	4.58	0.02	0.02	1.52	0.05	39.00
4	MML-04		2475880.83	282571.39	6.65	9.20	51.05	4.04	11.87	0.02	0.11	3.83	4.46	7.41
5	MML-05		2475974.06	282715.68	5.28	7.87	49.85	5.00	14.54	0.02	0.09	7.79	0.35	7.30
6	MML-06		2475982.42	282522.19	6.49	9.09	45.73	5.11	14.65	0.02	0.08	8.88	0.18	8.13
7	MML-07		2475966.01	282457.27	1.09	8.74	65.30	3.79	10.00	0.02	0.11	7.49	0.43	1.56
8	MML-08		2475001.21	285049.30	25.44	14.14	15.64	3.11	4.90	0.01	0.03	2.28	0.04	33.75
9	MML-09		2475081.31	284983.09	29.51	16.90	7.97	1.84	2.02	0.02	0.02	1.08	0.05	39.99
10	MML-10		2475217.58	285048.22	27.27	14.92	9.86	3.55	3.90	0.02	0.02	1.39	0.03	38.55
11	MML-11		2474917.57	285019.68	23.35	13.15	18.76	2.69	6.76	0.02	0.09	2.57	0.06	31.80
12	MML-12		2474919.36	285719.51	28.94	15.24	7.99	2.32	3.38	0.02	0.02	0.88	0.24	40.43
13	MML-13		2474910.64	285532.73	31.78	18.23	2.17	1.67	0.76	0.01	0.02	0.26	0.01	44.59
14	MML-14		2474649.58	286668.01	20.57	11.51	22.20	2.41	8.99	0.01	0.04	3.21	0.04	30.26
15	MML-15		2474621.08	286597.06	16.18	9.71	32.28	4.10	10.55	0.02	0.04	4.41	0.06	21.51
16	MML-16		2474669.85	286518.47	25.78	15.00	13.61	1.99	4.80	0.01	0.03	1.87	0.04	36.23
17	MML-17		2474716.69	286398.96	30.83	18.57	2.96	1.01	0.96	0.01	0.01	0.41	0.02	44.85
18	MML-18		2475065.28	285535.14	30.09	17.68	4.86	2.06	1.35	0.01	0.02	0.56	0.04	42.97
19	MML-19		2474782.45	285408.66	29.61	16.86	5.72	1.69	2.23	0.01	0.02	0.80	0.03	42.70
20	MML-20		2475722.71	283072.19	21.53	14.14	24.30	1.88	6.01	0.01	0.06	1.02	2.56	27.20
21	MML-21		2475811.23	282965.38	7.81	11.09	50.42	2.36	12.94	0.01	0.12	3.61	2.38	7.81
22	MML-22		2474795.44	285558.87	21.29	12.14	19.83	2.91	8.79	0.01	0.03	2.87	0.05	31.39

Sl. No.	Sample No.	Type of Sample	Northing (m)	Easting (m)	CaO%	MgO%	SiO ₂ %	Fe ₂ O ₃ %	Al ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O%	Na ₂ O%	LOI%
23	MML-23	Bed Rock (Channel)	2474795.44	285558.87	22.62	12.50	16.97	2.67	7.81	0.01	0.03	2.31	0.04	34.44
24	MML-24		2474795.11	285631.08	24.91	14.35	15.78	3.54	4.56	0.05	0.03	1.70	0.04	34.67
25	MML-25		2474795.11	285631.08	24.59	14.05	15.56	3.09	5.30	0.01	0.04	1.90	0.03	35.06
26	MML-26		2474718.00	285703.78	25.12	14.00	14.22	2.35	5.15	0.01	0.05	1.78	0.05	36.72
27	MML-27		2474718.00	285703.78	20.69	12.49	23.64	2.31	7.59	0.03	0.04	3.17	0.07	29.19
28	MML-28		2474932.57	285657.54	20.07	11.47	23.16	2.77	9.13	0.01	0.04	3.13	0.07	29.39
29	MML-29		2474932.57	285657.54	21.58	12.45	21.63	3.01	7.26	0.02	0.07	2.83	0.06	30.17
30	MML-30		2475451.72	282638.21	24.29	13.51	15.58	2.42	6.82	0.01	0.03	1.91	0.04	34.83
31	MML-31		2475593.04	282847.09	0.39	0.73	81.61	3.17	8.89	0.03	0.02	2.76	0.13	1.80
32	MML-32		2474851.18	284979.65	10.11	8.64	44.25	3.15	12.91	0.01	0.06	5.67	0.08	13.89
33	MML-33		2474849.69	284827.88	19.68	11.95	24.47	2.30	9.42	0.01	0.06	3.22	0.06	28.08
34	MML-34		2474922.66	284911.04	17.09	11.04	32.11	3.19	8.73	0.03	0.07	4.27	0.08	22.00
35	MML-35		2474922.66	284911.04	22.41	12.91	19.02	2.87	6.64	0.03	0.06	2.41	0.05	32.78
36	MML-36		2475136.90	284891.16	13.84	8.98	35.31	3.09	12.64	0.01	0.05	5.20	0.08	19.84
37	MML-37		2475136.90	284891.16	23.41	13.01	18.33	2.38	6.79	0.01	0.04	2.58	0.06	32.87
38	MML-38		2475280.73	283324.75	9.89	5.25	62.96	1.53	6.66	0.01	0.04	2.19	0.06	11.00
39	MML-39		2475441.62	283320.41	31.62	18.52	1.37	2.01	0.33	0.01	0.01	0.10	0.01	45.63
40	MML-40		2475351.11	284246.88	2.70	5.53	52.32	7.48	17.70	0.01	0.11	8.73	0.09	4.15