

**Statement showing details of Chemical Analysis carried out by MECL, Nagpur for external check
samples generated from exploratory boreholes in Dongargaon-Kasara Block,
District: Yavatmal, Maharashtra**

Sl. No.	Primary Sample No.	External Check Sample No.	CaO %	MgO %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	SO ₃ %	P ₂ O ₅ %	K ₂ O %	Na ₂ O %	LOI %
1	MDK-BR-03	DK-ECH-01	30.14	17.26	1.50	5.72	0.35	0.06	0.03	0.26	0.08	44.48
2	MDK-BR-15	DK-ECH-02	53.94	0.60	0.35	1.79	0.12	0.17	0.01	0.09	0.02	42.83
3	MDK-02-02	DK-ECH-03	29.30	17.96	1.10	7.25	0.46	0.06	0.02	0.20	0.09	43.38
4	MDK-02-12	DK-ECH-04	24.06	17.32	3.49	11.87	0.65	0.09	0.05	0.55	0.11	41.56
5	MDK-02-23	DK-ECH-05	26.34	19.55	1.71	7.38	0.36	0.08	0.02	0.28	0.12	43.92
6	MDK-02-39	DK-ECH-06	29.22	22.14	0.21	1.00	0.09	0.05	0.01	0.02	0.13	47.01
7	MDK-03-02	DK-ECH-07	32.34	17.93	0.63	2.87	0.30	0.03	0.05	0.10	0.09	45.51
8	MDK-03-12	DK-ECH-08	28.43	20.84	0.29	4.80	0.12	0.04	0.02	0.06	0.15	45.13
9	MDK-03-27	DK-ECH-09	27.77	20.00	0.74	6.56	0.40	0.04	0.04	0.08	0.10	44.14
10	MDK-03-48	DK-ECH-10	28.89	21.39	0.46	2.33	0.14	0.02	0.11	0.08	0.10	46.37
11	MDK-04-07	DK-ECH-11	25.70	17.28	2.51	11.56	0.62	0.06	0.04	0.39	0.08	41.61
12	MDK-04-17	DK-ECH-12	39.16	3.45	4.34	14.89	1.12	0.17	0.08	0.84	0.06	35.64
13	MDK-04-27	DK-ECH-13	26.02	18.32	2.40	9.19	0.60	0.18	0.02	0.39	0.10	42.62
14	MDK-04-39	DK-ECH-14	50.95	2.25	0.71	3.29	0.23	0.13	0.02	0.15	0.02	42.12
15	MDK-04-48	DK-ECH-15	27.40	19.99	1.39	5.44	0.30	0.16	0.02	0.22	0.11	44.85
16	MDK-05-03	DK-ECH-16	42.91	1.72	3.60	13.09	1.13	0.17	0.09	0.87	0.05	36.06
17	MDK-05-11	DK-ECH-17	49.56	2.42	1.12	4.54	0.23	0.26	0.02	0.27	0.02	41.45
18	MDK-05-21	DK-ECH-18	28.93	20.48	1.16	5.77	0.27	0.29	0.06	0.20	0.12	42.53
19	MDK-05-29	DK-ECH-19	43.11	6.49	1.02	3.41	0.34	0.49	0.01	0.21	0.03	44.46
20	MDK-05-44	DK-ECH-20	28.15	20.49	0.73	5.20	0.19	0.28	0.01	0.13	0.08	44.67
21	MDK-05-48	DK-ECH-21	25.10	15.77	3.69	12.49	0.67	0.91	0.04	0.68	0.09	40.29