



**Analytical Details of Primary Samples for Manganese for Six (Mn, SiO₂, P₂O₅, Fe₂O₃, MnO₂ & Acid Insoluble)
Radicals collected from boreholes drilled by MECL in Nagardhan (G3) Block, District: Nagpur, Maharashtra**

Sl. No.	Sample No.	Borehole.No.	Depth (M)		Thick	Primary Analysis					
			From	To		Mn %	SiO ₂ %	P ₂ O ₅ %	Fe ₂ O ₃ %	MnO ₂ %	AI%
1	MNB01/01	MNB-01	13.00	14.00	1.00	0.55	52.60	0.10	9.27	0.58	71.95
2	MNB01/02	MNB-01	14.00	15.00	1.00	0.46	53.86	0.12	9.60	0.41	73.62
3	MNB01/03	MNB-01	15.00	16.00	1.00	0.12	52.89	0.11	8.86	<0.10	71.51
4	MNB01/04	MNB-01	16.00	17.00	1.00	0.11	56.41	0.18	8.40	<0.10	75.20
5	MNB01/05	MNB-01	17.00	18.00	1.00	0.08	55.86	0.10	7.19	<0.10	70.20
6	MNB01/06	MNB-01	18.00	19.00	1.00	10.08	57.12	0.15	5.11	7.03	68.00
7	MNB01/07	MNB-01	19.00	20.00	1.00	0.17	53.36	0.10	8.49	0.10	70.94
8	MNB01/08	MNB-01	20.00	21.00	1.00	0.12	49.23	0.06	8.18	0.10	62.54
9	MNB01/09	MNB-01	21.00	22.00	1.00	0.02	65.91	0.14	2.20	<0.10	91.83
10	MNB01/10	MNB-01	22.00	23.00	1.00	0.32	63.20	0.10	6.29	0.38	83.60
11	MNB01/11	MNB-01	29.70	31.00	1.30	0.09	55.12	0.08	8.11	<0.10	75.21
12	MNB01/12	MNB-01	31.00	32.00	1.00	0.15	57.11	0.23	7.64	<0.10	75.83
13	MNB01/13	MNB-01	32.00	33.00	1.00	0.01	73.05	0.17	0.50	<0.10	95.24
14	MNB01/14	MNB-01	33.00	34.00	1.00	0.09	56.05	0.07	10.95	<0.10	75.24
15	MNB01/15	MNB-01	34.00	35.00	1.00	0.14	58.51	0.09	17.09	0.10	75.85
16	MNB01/16	MNB-01	35.00	36.00	1.00	0.11	54.68	0.09	14.90	<0.10	76.10
17	MNB01/17	MNB-01	36.00	37.00	1.00	0.15	56.92	0.08	17.42	<0.10	75.32
18	MNB03/01	MNB-03	28.00	29.00	1.00	0.18	32.07	0.01	4.21	0.10	41.70
19	MNB03/02	MNB-03	29.00	30.00	1.00	0.21	29.71	0.02	3.86	0.12	52.53
20	MNB03/03	MNB-03	30.00	31.00	1.00	0.02	72.26	0.10	2.27	<0.10	89.03
21	MNB03/04	MNB-03	31.00	32.00	1.00	0.11	14.65	0.01	1.83	<0.10	22.56
22	MNB03/05	MNB-03	32.00	33.00	1.00	0.12	50.30	0.07	7.35	<0.10	65.91
23	MNB03/06	MNB-03	33.00	34.00	1.00	0.07	70.92	0.07	6.23	<0.10	82.06
24	MNB03/07	MNB-03	34.00	35.00	1.00	0.19	59.21	0.07	8.00	0.11	76.53
25	MNB03/08	MNB-03	35.00	36.00	1.00	0.24	52.27	0.08	9.84	0.14	72.08
26	MNB03/09	MNB-03	36.00	37.00	1.00	0.18	55.77	0.06	8.59	0.10	73.87
27	MNB03/10	MNB-03	37.00	38.60	1.60	0.31	51.89	0.07	10.00	0.18	69.81
28	MNB03/11	MNB-03	38.60	40.00	1.40	0.07	62.97	0.08	6.47	<0.10	78.67
29	MNB03/12	MNB-03	40.00	41.00	1.00	0.17	44.82	0.15	10.21	0.10	60.00
30	MNB03/13	MNB-03	41.00	42.00	1.00	0.20	39.62	0.09	9.82	0.10	54.52
31	MNB03/14	MNB-03	42.00	43.00	1.00	0.14	48.67	0.09	9.44	<0.10	65.97
32	MNB03/15	MNB-03	43.00	44.00	1.00	0.14	47.44	0.10	9.70	<0.10	64.43
33	MNB03/16	MNB-03	44.00	45.00	1.00	0.13	53.18	0.13	9.02	<0.10	69.38
34	MNB03/17	MNB-03	45.00	46.00	1.00	0.05	66.99	0.08	5.59	<0.10	82.92
35	MNB03/18	MNB-03	46.00	47.00	1.00	0.06	65.10	0.08	6.57	<0.10	79.69
36	MNB03/19	MNB-03	47.00	48.00	1.00	0.06	58.99	0.09	6.41	<0.10	77.00