

**STATEMENT SHOWING CHEMICAL ANALYSIS REPORT OF PRIMARY BOREHOLE
SAMPLES FOR GRAPHITE IN BHARATBAHAL MANGANESE AND GRAPHITE (G3)
BLOCK DIST.-BALANGIR, ODISHA**

Sl. No.	Borehole No.	Sample No.	From (m)	To (m)	Thickness (m)	Moisture %	Ash %	VM %	FC %
1	MBMG1	MBMG1/8	39.00	40.00	1.00	2.06	88.97	5.37	3.61
2	MBMG1	MBMG1/9	40.00	41.00	1.00	2.65	85.72	8.36	3.27
3	MBMG1	MBMG1/10	41.00	42.00	1.00	2.28	87.86	5.46	4.39
4	MBMG1	MBMG1/11	42.00	43.00	1.00	2.30	88.34	6.68	2.68
5	MBMG1	MBMG1/12	43.00	44.00	1.00	3.88	86.51	7.45	2.16
6	MBMG2	MBMG2/4	43.00	44.00	1.00	2.70	82.20	7.10	8.00
7	MBMG2	MBMG2/5	48.00	49.00	1.00	3.00	82.10	14.50	0.40
8	MBMG2	MBMG2/6	52.00	53.00	1.00	1.40	87.50	6.70	4.40
9	MBMG2	MBMG2/7	53.00	54.00	1.00	1.30	84.50	10.70	3.50
10	MBMG2	MBMG2/8	54.00	55.00	1.00	2.50	83.00	11.20	3.30
11	MBMG2	MBMG2/9	58.40	59.10	0.70	1.30	92.90	4.80	1.00
12	MBMG2	MBMG2/10	61.20	62.40	1.20	1.80	89.30	5.80	3.10
13	MBMG2	MBMG2/11	63.80	64.80	1.00	1.10	89.30	4.30	5.30
14	MBMG4	MBMG4/10	41.40	43.30	1.90	0.80	87.80	7.40	4.00
15	MBMG4	MBMG4/11	43.30	45.00	1.70	1.00	89.10	4.20	5.70
16	MBMG4	MBMG4/12	45.00	46.50	1.50	4.70	83.10	7.30	4.90
17	MBMG4	MBMG4/13	46.50	48.00	1.50	1.20	89.30	4.20	5.30
18	MBMG4	MBMG4/14	48.00	49.20	1.20	0.60	92.90	5.10	1.40
19	MBMG4	MBMG4/15	49.20	50.40	1.20	0.70	89.20	7.20	2.90
20	MBMG5	MBMG 05/01	75.00	76.00	1.00	1.3	73.4	25.1	0.20
21	MBMG5	MBMG 05/02	76.00	77.00	1.00	1.7	94.1	4.0	0.20
22	MBMG5	MBMG 05/03	77.00	78.00	1.00	1.5	90.1	8.2	0.20
23	MBMG5	MBMG 05/04	95.00	96.00	1.00	2.8	89.6	6.9	0.70
24	MBMG5	MBMG 05/05	74.00	75.00	1.00	1.1	61.7	37.0	0.20
25	MBMG5	MBMG 05/07	94.00	95.00	1.00	3.3	90.6	5.9	0.20
26	MBMG5	MBMG 05/08	96.00	97.00	1.00	2.2	80.6	17.0	0.20
27	MBMG6	MBMG-06/05	6.00	7.00	1.00	4.4	90.1	5.2	0.35
28	MBMG6	MBMG-06/06	7.00	8.00	1.00	5.1	89.1	5.4	0.30
29	MBMG6	MBMG-06/07	8.00	9.00	1.00	3.7	91.4	4.7	0.17
30	MBMG6	MBMG-06/08	9.00	10.00	1.00	3.6	85.6	10.6	0.15
31	MBMG6	MBMG-06/09	10.00	11.00	1.00	4.8	88.4	6.6	0.17
32	MBMG6	MBMG-06/10	11.00	12.00	1.00	1.3	93.3	5.3	0.16
33	MBMG6	MBMG-06/11	12.00	13.00	1.00	0.8	91.4	5.8	2.11
34	MBMG6	MBMG-06/12	13.00	14.00	1.00	0.8	94.0	4.9	0.38
35	MBMG6	MBMG-06/13	14.00	15.00	1.00	1.0	94.2	4.6	0.24
36	MBMG6	MBMG-06/14	15.00	16.50	1.50	0.8	95.0	2.3	1.99
37	MBMG6	MBMG-06/15	16.50	18.00	1.50	0.4	93.9	4.1	1.50
38	MBMG6	MBMG-06/16	18.00	19.50	1.50	4.3	87.7	6.2	1.80
39	MBMG6	MBMG-06/17	19.50	20.50	1.00	5.2	88.6	5.6	0.60

Sl. No.	Borehole No.	Sample No.	From (m)	To (m)	Thickness (m)	Moisture %	Ash %	VM %	FC %
40	MBMG6	MBMG-06/18	20.50	21.50	1.00	5.5	90.9	3.5	0.20
41	MBMG7	MBMG 07/12	21.50	22.00	0.50	5.5	82.0	12.3	0.17
42	MBMG7	MBMG 07/13	22.00	23.00	1.00	7.2	83.4	9.2	0.19
43	MBMG7	MBMG 07/16	25.00	26.00	1.00	1.9	87.5	8.4	2.19
44	MBMG7	MBMG 07/17	26.00	27.00	1.00	1.7	88.6	9.5	0.15
45	MBMG7	MBMG 07/18	27.00	28.00	1.00	5.3	85.4	9.1	0.20
46	MBMG7	MBMG 07/19	28.00	29.00	1.00	4.5	78.4	16.2	0.91
47	MBMG7	MBMG 07/20	29.00	30.00	1.00	4.4	83.5	9.5	2.62
48	MBMG7	MBMG 07/21	30.00	31.00	1.00	3.4	82.8	11.7	2.14
49	MBMG7	MBMG 07/22	31.00	32.00	1.00	3.5	86.8	8.0	1.73
50	MBMG7	MBMG 07/23	32.00	33.00	1.00	3.4	82.7	9.3	4.55
51	MBMG7	MBMG 07/24	33.00	34.00	1.00	1.4	93.7	4.8	0.20
52	MBMG7	MBMG 07/25	34.00	35.00	1.00	1.1	71.5	24.7	2.73
53	MBMG8	MBMG-08/04	62.50	63.50	1.00	1.3	66.9	17.3	14.55
54	MBMG8	MBMG-08/05	66.00	67.00	1.00	5.5	78.4	15.8	0.25
55	MBMG8	MBMG-08/06	67.00	68.00	1.00	1.1	87.9	7.2	3.87
56	MBMG8	MBMG-08/07	68.00	69.00	1.00	1.4	89.4	5.0	4.22
57	MBMG8	MBMG-08/08	69.00	70.00	1.00	2.3	87.3	6.2	4.21
58	MBMG8	MBMG-08/09	70.00	71.00	1.00	1.8	89.8	5.1	3.28
59	MBMG8	MBMG-08/10	71.00	71.50	0.50	3.2	84.9	10.2	1.75
60	MBMG8	MBMG-08/11	74.00	75.00	1.00	1.8	89.3	8.8	0.16
61	MBMG8	MBMG-08/12	75.00	76.00	1.00	0.9	97.3	1.5	0.25
62	MBMG8	MBMG-08/13	76.00	77.00	1.00	0.5	96.1	3.2	0.19
63	MBMG8	MBMG-08/14	77.00	78.00	1.00	0.7	75.4	14.6	9.34