

**STATEMENT SHOWING COMPARISON OF MANGANESE PRIMARY VS EXTERNAL CHECK SAMPLES OF TRENCH AND BO
GRAPHITE (G3) BLOCK, BALANGIR DISTRICT, ODISHA**

Sl. No.	Primary Sample No.	Analysis wt. %						Check (External) sample No	Check Analysis wt. %					
		Mn	SiO ₂	P ₂ O ₅	Fe ₂ O ₃	MnO ₂	Acid Insoluble		Mn	SiO ₂	P ₂ O ₅	Fe ₂ O ₃	MnO ₂	Acid Insoluble
1	MBT 02/03	25.63	32.89	0.12	13.39	18.99	43.03	ECHMBM - 01	23.26	38.31	0.13	11.32	27.69	47.01
2	MBT 03/02	12.44	34.93	0.15	16.53	10.75	50.15	ECHMBM - 02	11.97	41.65	0.19	14.90	15.76	62.59
3	MBT 04/02	4.65	37.09	0.07	22.97	5.85	55.61	ECHMBM - 03	4.02	45.57	0.09	19.21	5.16	67.31
4	MBMG 01/04	3.89	63.20	0.67	17.12	3.29	75.91	ECHMBM - 04	2.67	72.05	0.52	11.93	3.38	79.86
5	MBMG 02/02	10.39	29.00	0.07	18.76	8.23	41.77	ECHMBM - 05	10.18	31.39	0.10	17.77	13.51	58.10
6	MBMG 04/06	22.68	26.40	0.88	8.39	7.26	36.77	ECHMBM - 06	19.90	30.58	1.16	7.27	26.01	45.37
7	MBMG 06/08	21.50	11.91	0.41	37.44	22.30	14.66	ECHMBM - 07	21.59	11.88	0.83	35.35	29.13	20.40
8	MBMG 06/11	4.87	52.32	0.48	30.25	4.94	57.29	ECHMBM - 08	4.17	57.60	0.41	25.80	5.41	63.01