

**MECL**

ANNEXURE-XVII/1

**Details of Primary Sample Analysis Vs Check Samples analysis (External Check for Graphite) of
Trench and Borehole samples in Bharatbahal Manganese and Graphite (G3) Block, District: Balangir, Odisha**

Sl. No.	Sample Type	Check Sample No.	Primary Sample No.	Primary Sample Analysis Result (%)				Check Sample Analysis Result (%)				Difference w.r.t Primary Sample Analysis Result (%)			
				Moisture %	Ash %	VM %	FC %	Moisture %	Ash %	VM %	FC %	Moisture %	Ash %	VM %	FC %
1	Trench	ECHMBG-01	MBT-02/09	2.30	91.80	5.70	0.20	3.14	91.70	5.11	0.05	-0.84	0.10	0.59	0.15
2		ECHMBG-02	MBT-03/08	3.30	89.70	6.70	0.30	4.42	89.60	5.94	0.04	-1.12	0.10	0.76	0.26
3		ECHMBG-03	MBT-05/02	1.90	91.30	6.50	0.30	2.97	90.80	6.18	0.05	-1.07	0.50	0.32	0.25
4	Borehole	ECHMBG-04	MBMG-02/05	3.0	82.1	14.5	0.4	4.42	81.22	11.21	3.15	-1.42	0.88	3.29	-2.75
5		ECHMBG-05	MBMG-04/12	4.70	83.10	7.30	4.90	6.45	81.70	7.10	4.75	-1.75	1.40	0.20	0.15
6		ECHMBG-06	MBMG-07/18	5.3	85.4	9.1	0.2	6.80	85.60	7.56	0.04	-1.52	-0.20	1.55	0.16
7		ECHMBG-07	MBMG-07/23	3.4	82.7	9.3	4.5	4.50	83.50	5.78	6.22	-1.11	-0.77	3.56	-1.67
8		ECHMBG-08	MBMG-08/05	5.5	78.4	15.8	0.2	6.20	78.20	15.55	0.05	-0.66	0.19	0.27	0.20
9		ECHMBG-09	MBMG-08/12	0.9	97.3	1.5	0.3	1.02	96.60	2.36	0.02	-0.07	0.73	-0.89	0.23