

RAIKELA IRON ORE MINES, M/S GEETARANI MOHANTY**ML AREA**

67.586 HA Lease valid upto 01.07.2011 RML applied on 20.05.2010

ENVIRONMENTAL CLEARANCE FROM MOEF, GOIVIDE LETTER NO. J-11015 / 380 / 2006-IA.II (M), DATED 2nd JULY, 2008 FOR 0.864 MTPA IRON ORE PRODUCTION**CONSENT ORDER:**

VIDE CONSENT ORDER NO.1586, LETTER NO. 19906 / IND - I - CON - 2572, DATED 07.09.2012 FOR 0.864 MTPA IRON ORE PRODUCTION FROM SPCB, ODISHA VALID UPTO 31.03.2013

TOTAL LEASE AREA	FOREST AREA (DLC)	NON - FOREST AREA
67.586 HA	66.671 HA	0.915 HA

AMBIENT AIR QUALITY-

PARAMETER	PM10	PM2.5	SO2	NOX
MONITORING LOCATIONS				
LEASE AREA (CORE ZONE)	49.3	31.3	14.6	20.8
RAIKELA (BUFFER ZONE)	54.9	33.1	12.6	24.8
BAHAMBHA (BUFFER ZONE)	50.6	30.5	13.6	23.0
TANTRA (BUFFER ZONE)	56.7	34.0	13.2	22.7
NORMS	100	60	80	80

SURFACE WATER QUALITY (SEASON –WINTER)

PARAMETER	TDS	BOD	Ph	TSS	OIL & GREASE	Fe	Mg
RESULTS, mg/l	125	0.7	7.2	25	0.05	1.2	3.0
NORMS	1500	3	6.5 – 8.5	--	--	5.0	30

GROUND WATER QUALITY (SEASON –WINTER)

PARAMETER	TDS	Dissolved Oxygen	Ph	TSS	OIL & GREASE	Fe	Mg
RESULTS, mg/l	105	5.5	7.3	3	00	0.15	4.0
NORMS	500	3.0 (Min)	6.5 – 8.5	--	00	0.3	30

PLANTATION PROGRAMME IN DETAIL

YEAR	AREA IN Ha	NO. OF SAPPLINGS	SURVIVAL RATE
YEAR – 2013	0.5	3000 (Continue /gap filling plantation)	NA
CUMULATIVE	11.82	30150	70%
PLACE: RAIKELA			MINES MANAGER