

PARASWANI LIMESTONE MINES
KEY ENVIRONMENTAL PARAMETERS

Date: 06.04.2011

Quarter (January 2010 - March 2011)

| 1 | | | | | | | | | |
|--|--------------------------|-----------------------------|---------|------------|--------|----------|------------------------|---------|--------|
| STATIC INFORMATION (Physical Data) | | | | | | | | | |
| 1.1 | M.L.No. | NA | | | | | | | |
| 1.2 | Area | 997.355 hectares | | | | | | | |
| 1.3 | Lease Duration | 20 years (22.02.1993 to | | | | | | | |
| 1.4 | Date Of Commissioning | 1.04.1993 | | | | | | | |
| 1.5 | Production | 4.2 Million Tonnes/Annum | | | | | | | |
| 2 | | | | | | | | | |
| DYNAMIC PARAMETER | | | | | | | | | |
| 2.1 | | | | | | | | | |
| Ambient Air Quality | | | | | | | | | |
| Parameters | Permissible Limit | Location (Actual value) | | | | | | | |
| | | Site I | | Site II | | Site III | | Site IV | |
| | | Min | Max | Min | Max | Min | Max | Min | Max |
| SPM | 500 (µg/m ³) | 162.40 | 242.36 | 204.61 | 284.69 | 172.39 | 264.82 | 211.67 | 294.33 |
| RSPM | 100 (µg/m ³) | 32.67 | 51.00 | 38.69 | 71.58 | 29.87 | 67.52 | 48.22 | 74.38 |
| NOx | 80 (µg/m ³) | 6.78 | 16.71 | 6.48 | 15.61 | 6.49 | 17.00 | 8.07 | 16.40 |
| 2.2 | | | | | | | | | |
| Vibration due to Blasting (Max Value of the Quarter) Peak Particle velocity at 300 Mt is 5.83 mm/sec | | | | | | | | | |
| 2.3 | | | | | | | | | |
| Quality of Discharge Water | | | | | | | | | |
| Parameters | TDS (mg/l) | DO (mg/l) | PH | TSS (mg/l) | | | | | |
| Permissible Limit | 2100 | NA | 5.5-9.0 | 100 | | | | | |
| Actual Value | 211.00 | 4.00 | 7.70 | 60.66 | | | | | |
| Note: No water discharge is being done from mines, however major quantity of water is being supplied to plant , captive power plant & coal washery for industrial purpose. The analysis results are as above | | | | | | | | | |
| 2.4 | | | | | | | | | |
| Greenbelt / Plantation | | | | | | | | | |
| Year | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | Cumulative (1992-2010) | | |
| No. of Trees Planted | 10188 | 11360 | 44446 | 14800 | 9605 | 37918 | 566312 | | |
| Area (Hect.) under Plantation | 1.25 | 4.54 | 4.03 | 1.25 | 0.84 | 3.21 | 52.94 | | |