



LEGEND Mine Lease/OCP Area (465.900 Ha)

| Level Class | Level-II Class | Area (Ha) |
|------------------|-----------------------|-----------------------------|
| Settlement | Urban/Township | 0.005 |
| | Village | 0.000 |
| | Industrial | 9.853 |
| Vegetation Cover | Dense Vegetation | 27.125 |
| | Open Vegetation | 101.843 |
| | Scrubs | 95.498 |
| | Avenue Plantation | 2.470 |
| | Crop Land | 10.973 |
| Agriculture Land | Waste Upland | 53.130 |
| | Ash Pond | 0.000 |
| Mining Area | Coal Quarry | 51.945 |
| | Coal Stock | 0.000 |
| | Barren OB Dump | 68.250 |
| | Plantation on OB Dump | 36.865 |
| | Surface Water Body | River/Nullah/Pond/Reservoir |
| | Sand Body | 0.000 |

INDEX

- OCP Boundary
- Mine Lease Boundary
- Railway Line
- Coal Transportation Road
- Other Road

MAP PROJECTION PARAMETERS

Projection : Lambert Conformal Conic
 Datum - Ellipsoid : Modified Everest
 Grid Units : Metre
 Latitude of Origin : 23° 00' 18.1903" N
 Central Meridian : 84° 00' 00.0000" E
 1st Std. Parallel : 21° 00' 00.0000" N
 2nd Std. Parallel : 25° 00' 00.0000" N
 False Easting : 3,000,000.000 m
 False Northing : 1,000,000.000 m
 Scale Factor : 0.9993942394

Customer: **Mahanadi Coalfields Limited**

Job Title: Integrated Monitoring of Land Restoration, Mine Closure & Landuse Pattern in OC Projects & Coalfields through Remote Sensing

| Activity | Name | Design | Signature | Date |
|-----------|-------------------|------------|-------------|------------|
| Processed | A. K. Samantaryay | SE (Encl) | [Signature] | 17.08.2009 |
| Checked | S. P. Mohanty | HD (GMT) | [Signature] | 17.08.2009 |
| Approved | S. R. Singh | RD (R-III) | [Signature] | 17.08.2009 |

Scale: 1:50,000

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REV.No. 0