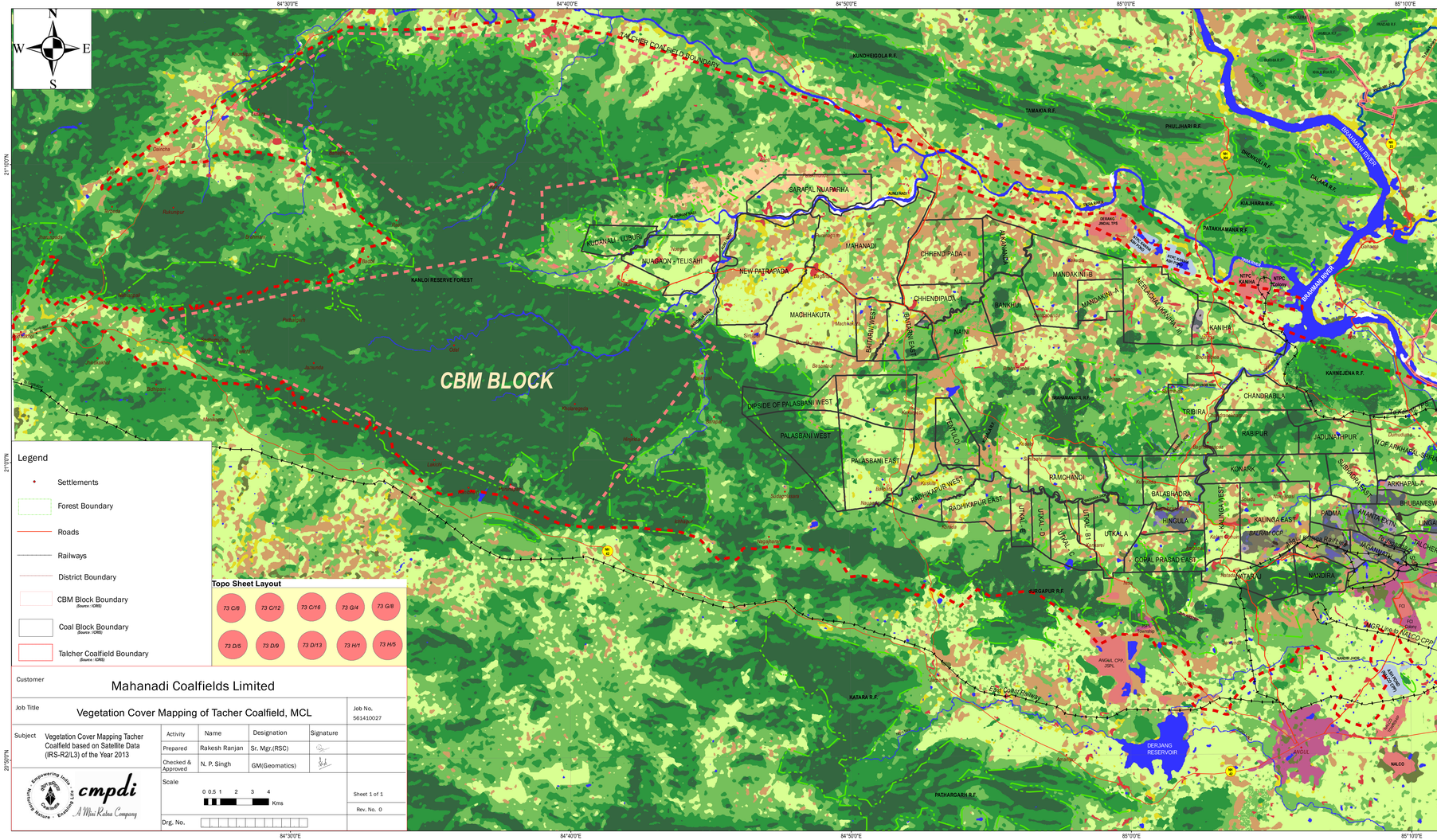


## Legend

- Settlements
- Forest Boundary
- Roads
- Railways
- District Boundary
- CBM Block Boundary (Source : ICRB)
- Coal Block Boundary (Source : ICRB)
- Talcher Coalfield Boundary (Source : ICRB)

**Topo Sheet Layout**

| | | | | |
|---|---|---|---|---|
| 73 C/8 | 73 C/12 | 73 C/16 | 73 G/4 | 73 G/8 |
| 73 D/5 | 73 D/9 | 73 D/13 | 73 H/1 | 73 H/5 |

**Area Statistics**

| Classes | | Colour | Area Statistics | |
|---|---|---|---|---|
| Level-I | Level-II | | Sq.Km | % |
| Forests | Dense Forests | | 565.34 | 24.14 |
| | Open Forests | | 362.89 | 15.50 |
| | Total Forests (A) | | 928.23 | 39.64 |
| Scrubs | Scrubs Total Scrubs (B) | | 533.78 | 22.79 |
| Plantation | Social Forestry | | 9.57 | 0.41 |
| | Plantation on OB Dump | | 5.80 | 0.25 |
| | Plantation on Backfill | | 3.51 | 0.15 |
| | Total Plantation (C) | | 18.88 | 0.81 |
| | Total Vegetation (A+B+C) | | 1480.89 | 63.24 |
| Mining Area | Coal Quarry | | 8.81 | 0.38 |
| | Water Filled Quarry | | 2.62 | 0.11 |
| | Advance Quarry Site | | 0.06 | 0.00 |
| | Barren OB Dump | | 5.41 | 0.23 |
| | Barren Backfilled area | | 5.18 | 0.22 |
| | Coal Dump | | 0.46 | 0.02 |
| | Total Area Under Mining | | 22.54 | 0.96 |
| West Lands | West Lands with or without Scrubs | | 192.72 | 8.23 |
| | Sand Body | | 10.92 | 0.47 |
| | Fly Ash Pond | | 1.77 | 0.08 |
| | Gullied Land | | 11.16 | 0.48 |
| | Total Waste Lands | | 216.57 | 9.25 |
| Waterbodies | Reservior,Nallah,Ponds | | 47.16 | 2.01 |
| Agriculture | Crop Lands | | 31.51 | 1.35 |
| | Fallow Lands | | 492.14 | 21.01 |
| | Total Agriculture Land | | 523.65 | 22.36 |
| Settlement | Urban Settlement | | 11.19 | 0.48 |
| | Rural Settlement | | 30.30 | 1.29 |
| | Industrial Settlement | | 9.57 | 0.41 |
| | Total Settlement | | 51.06 | 2.18 |
| Grand Total (Area under Coalfield Boundary) | | | 2341.87 | 100.00 |

Customer: Mahanadi Coalfields Limited

Job Title: Vegetation Cover Mapping of Tacher Coalfield, MCL

Job No. 561410027

Subject: Vegetation Cover Mapping Tacher Coalfield based on Satellite Data (IRS-R2/L3) of the Year 2013

| Activity | Name | Designation | Signature |
|---|---|---|---|
| Prepared | Rakesh Ranjan | Sr. Mgr.(RSC) | |
| Checked & Approved | N. P. Singh | GM(Geomatics) | |

Scale: 0 0.5 1 2 3 4 Kms

Sheet 1 of 1

Rev. No. 0

Drg. No.

cmpdi — A Miniratna Company