



| Classes          |                |                               | Colour      | Area Statistics |               |
|------------------|----------------|-------------------------------|-------------|-----------------|---------------|
| Level - I        | Level - II     | Level- III                    |             | Sq.Km           | %             |
| Settlement       | Urban          | Industrial                    |             | 0.01            | 0.18          |
|                  | Forest         | Social Forestry               |             | 0.02            | 0.37          |
| Scrub            |                |                               | 0.99        | 18.30           |               |
| Vegetation Cover | Plantation     | Plantation on OB dump         |             | 0.22            | 4.07          |
|                  |                | Plantation on backfilled area |             | 0.99            | 18.30         |
|                  |                | Fallow Land                   |             | 1.45            | 26.80         |
| Waste Land       | Wasteup Land   | Waste land without scrub      |             | 0.04            | 0.74          |
|                  |                | Quarry                        | Coal Quarry |                 | 0.45          |
| Coal Dump        |                |                               | 0.12        | 2.22            |               |
| Backfilled Area  |                |                               | 0.54        | 9.98            |               |
|                  | Barren OB Dump |                               | 0.43        | 7.95            |               |
| Water Body       | River/Nala     |                               |             | 0.15            | 2.77          |
| <b>Total</b>     |                |                               |             | <b>5.41</b>     | <b>100.00</b> |

### LEGEND

- Road
- Haul Road
- Nalla
- Rail
- Lease Hold Area

|  |   |                                  |               |                 |              |
|--|---|----------------------------------|---------------|-----------------|--------------|
| Customer   |   |                                  |               |                 |              |
| <b>South Eastern Coalfields Limited</b>                |   |                                  |               |                 |              |
| Job Title  |   |                                  |               |                 | Job No.      |
| Land reclamation monitoring of Dugga Open Cast Project |   |                                  |               |                 | 561408099    |
| Subject  | Land reclamation monitoring Leasehold area of Dugga OCP based on IRS-P6 LISS-III+PAN merged Satellite Data of the year 2008 | Activity                         | Name          | Designation     | Signature    |
|  |   | Prepared                         | A. K. Singh   | SE(RSC)         |              |
|  |   | Checked                          | N. P. Singh   | Dy. C. G. (RSC) |              |
|  |   | Approved                         | P. K. Goswami | CGM(Geomatics)  |              |
|  |   |                                  |               |                 | Sheet 1 of 1 |
|  |   | <b>CMPDI</b><br>ISO 9001 COMPANY |               |                 | Rev. No. 0   |
|  |   | Drg. No.                         |               |                 |              |