

JAMKHANI COAL BLOCK SUMMARY

PART A

| Sr. No. | Features | Details | |
|-----------|---|--|---|
| 1. | Location | | |
| | Coal Block | JAMKHANI Coal Block | |
| | Latitude | 22° 05' 06.722" N & 22° 07' 05.247" N | Existing information about bounding coordinates has been converted to WGS84 system by CMPDI |
| | Longitude | 83° 33' 43.336" E & 83° 35' 59.323" E | |
| | Topo Sheet No. | 64 N/12 | |
| | Coalfield | IB Valley Coalfield | |
| | Villages | Jamkhani, Mendra, Girisima, Jharpalam | |
| | Tehsil/ Taluka | Hemgir | |
| | District | Sundargarh | |
| | State | Orissa | |
| 2. | Connectivity with Block | | |
| | Nearest Rail Head | 30 Km Hemgir RS | |
| | Road | 12 Km from Bilaimunda Village | |
| | Airport | Bhubneshwar | |
| 3. | Area | | |
| | Geological Block Area | 1000 Ha | |
| | Mining Lease Area (As per Mining Plan) | 1000 Ha | |
| | Project Area | 1004.75 Ha | |
| | Forest Area | 153 Ha Reserve Forest + 59 Ha Revenue Forest | |
| | Non-Forest Area | 788 Ha | |
| 4. | Climate and Topography | | |
| | Average Annual Rainfall | 1471.6 | |
| | Temperature (Min. – Max.) | 12.4 ^o to 41.73 ^o | |
| | Local Surface Drainage Channels | Tributory of Bendra Nala | |
| | Rivers | Bendra Nadi near western boundary | |
| 5. | Exploration | | |
| | Status | Explored | |
| | Exploration Agency | MECL & CMPDI | |
| | Total Number of Boreholes with meterage | 61 Boreholes 9605.1 m | |
| | Borehole Density | 6.1 Boreholes per square km | |
| | General Dip of Seams | 3 ^o to 6 ^o southerly | |
| | General Strike Direction | Generally WNW-ESE | |

| 6. Workable Coal Seam Details(As considered in the mining plan) | | | | | | | |
|---|-------------------------------------|--------------------|----------------|------------------------|-------------------------|-------|-----------------------------|
| | Number of Coal Seams | Thickness Range(m) | Depth Range(m) | Geological Reserve(MT) | Extractable Reserve(MT) | Grade | Mining Method (UG/OC/Mixed) |
| | Lajkura IV Top | 1.85-4.82 | 11.20-109.47 | 14.119 | 114.98 | F-G | OC |
| | Lajkura IV Bot | 0.7-2.12 | 12.65-113.85 | 2.797 | | F-G | OC |
| | Lajkura II (T-1+T-1A+Bot)+Lajkura I | 26.82-40.10 | 17.10-189.50 | 161.498 | | E-G | OC |
| | Total Coal (Mt) | | | | 114.98 | | |
| | Total OB Mcum | | | | 281.68 | | |
| | Stripping Ratio (cum/t) | | | | 2.45 | | |

*Geological Reserve as per GR

PART B

| Sr. No. | Features | Details |
|-----------|---|---|
| 1. | Previous Allocation | |
| | Name and Address of Allottee | <i>Bhushan Ltd, 4th Floor, Tolstoy house, Tolstoy marg New Delhi 110001</i> |
| 2. | Target Capacity as per Mining Plan | 2.6 MTPA |
| 3. | Status of Clearances/Approvals | |
| | Mining Plan/ Mine Closure Plan | Approved on 14/07/2006 |
| | Forest Clearance | F no. 8-40/2008-FC Date: 20/12/2012 |
| | Environmental Clearance | J-11015/322/2007-1A.II(M) Date: 24/09/2008 and safety zone vide letter no 8-40/2008/FC Date: 26/04/2013 |
| | Mining Lease | Applied on 17/06/2005, Pending with Government of Orissa |
| | Land Acquisition | 957.23 Ha |
| | No. of PAFs as per Mining Plan/ Mine Closure Plan | 660 PAF |
| 4. | Surface Infrastructure already built, if any. | Pit Site office, Boundary of coal Block Area, R&R Colony, Workshop with Steel Structure etc. |

Note: The above data is compiled from Geological Report, Mining Plan, Mine Closure Plan, Environmental Clearance and Forest Clearance and the data furnished by the prior allottee in Annexure-I/II. For clarifications with regard to above data, please refer aforesaid source documents.