

SHAHPUR EAST COAL BLOCK SUMMARY

PART A

| Sr. No. | Features | Details |
|-----------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Location | |
| | Coal Block | Shahpur East Coal Block |
| | Latitude | 23 ^o 14'21" to 23 ^o 15'37" |
| | Longitude | 81 ^o 18'48" to 81 ^o 20'28" |
| | Topo Sheet No. | Survey of India Toposheet No. 64 E/7 & E/8 (R.F. 1:50,000) |
| | Coalfield | Sohagpur Coalfield (Madhya Pradesh) |
| | Villages | Khamaria Kalan, Kathotia, Kholhar, Chunia & Sinduri |
| | Tehsil/ Taluka | Sohagpur & Pali |
| | District | Shahdol & Umaria |
| | State | Madhya Pradesh |
| 2. | Connectivity with Block | |
| | Nearest Rail Head | Shahdol railway station located 12 Km south-east of the block on Anuppur-Chirimiri & Bilaspur - Katni broad gauge line of South-Eastern Railways. |
| | Road | National highway No. 78 passes through Shahdol 12 km away. |
| | Airport | Jabalpur |
| 3. | Area | |
| | Geological Block Area | 6.93 Sq. Km (As per Mining Plan, MECL , June 2009) |
| | Mining Lease Area (As per Mining Plan) | 693 ha |
| | Project Area | 693 Ha |
| | Forest Area | 9.199Ha |
| | Non-Forest Area | 683.801 Ha |
| 4. | Climate and Topography | |
| | Average Annual Rainfall | Minimum-1000 mm Maximum-1700 mm |
| | Temp. (Min. – Max.) | Min.-07 ^o C to Max. 46 ^o C |
| | Local Surface Drainage Channels | North flowing streams Nargara, Sarpa, bagiha, Bakan, Suthna, Tipon etc. joining to Son river. Jhiria and Kulharia nalas which ultimately discharge to Hasdo river. |
| | Rivers | Son river, Kewai river & Hasdo river |
| 5. | Exploration | |
| | Status | Explored |
| | Exploration Agency | GSI & MECL |
| | Total Number of Boreholes with meterage | GSI 9 nos., 2470.00 m. MECL 55 nos., 11110.30 m. |
| | Borehole Density | 9.24 BH/ sq. km. |
| | General Dip of Seams | Dip-- 1 ^o to 2 ^o south easterly |
| | General Strike Direction | Generally NW-SE |

| 6. Workable coal Seam details (As per the Mining Plan) | | | | | | | |
|---------------------------------------------------------------|------------------------------------------------------|--------------------|-------------|--------------------------|---------------------------|-------|-----------------------------|
| | Coal Seams/ Parting | Thickness Range(m) | Depth Range | Geological Reserve (Mte) | Extractable Reserve (Mte) | Grade | Mining Method (UG/OC/Mixed) |
| | IV | 0.03-2.85 | | 8.270 | 3.686 | C-D | UG |
| | L2 | 0.02-2.28 | | 6.850 | 3.278 | C-E | |
| | III A | 0.3-5.49 | | 7.670 | 2.877 | D-E | |
| | III B | 0.42-4.76 | | 4.200 | 0.622 | D-F | |
| | II | 0.15-4.55 | | 24.500 | 11.724 | C-E | |
| | TOTAL | | | 51.490 | 22.187 | | |
| | Reserves released after straitening Ghinachuhia nala | | | | 0.21 | | |
| | Total | | | | 22.397 | | |

PART B

| Sr. No. | Features | Details |
|-----------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Previous Allocation | |
| | Name and Address of Allocatee | National Mineral Development Corporation Limited Khanij Bhawan 10-3-311/A, Castle Hills, Masab Tank Hyderabad-500173, India |
| 2. | Target Capacity as per Mining Plan | 0.70 MTY. |
| 3. | Status of Clearances/Approvals | |
| | Mining Plan/ Mine Closure Plan | <i>Mining Plan & Mine Closure Plan, December 2011 approved by MoC dated 27.12.2012</i> |
| | Forest Clearance | NA |
| | Environmental Clearance | NA |
| | Mining Lease | NA |
| | Land Acquisition | NA |
| | No. of PAPs as per Mining Plan | Nil |
| 4. | Surface Infrastructure already built, if any. | Nil |

Note: For taking any decision, data may be cross checked/validated 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