

WARORA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1. Location		
	Coal Block	WARORA
	Latitude	20°12'8"N to 20°15'8"N (Provisional)
	Longitude	79°0'28"E to 79°1'57"E (Provisional)
	Topo Sheet No.	55 P/4
	Coalfield	WARDHA VALLEY
	Villages	BORDA (As per SOI toposheet)
	Tehsil	WARORA
	District	CHANDRAPUR
	State	MAHARASHTRA
2. Connectivity with Block		
	Nearest Rail Head	The Warora railway station is located about 150km and 40km (approx.) away from Nagpur and Chandrapur respectively by rail.
	Road	This area is well served by road communications. The Warora railway station is located about 100km and 40km (approx.) away from Nagpur and Chandrapur respectively by road. The Warora-Nagpur road passes through this area.
	Airport	Nagpur airport (NAG)
3. Area		
	Geological Block	7.3 sq.km.(As per shape file. Refer Note at the end)
	Forest Area	Nil
	Non-Forest Area	7.3 sq.km.
4. Climate and Topography		
	Average Annual Rainfall	Between 112 and 140cm
	Temperature (Min. — Max.)	10°C -48°C
	Topography	It is generally a flat terrain with a few isolated knolls. General altitude is about 190m (approx.) above MSL in the southern part, gradually increasing towards North to about 200m (approx.).
	Rivers	There are no major rivers flowing through this area. Only two seasonal nallas flow southerly.
5. Exploration		
	Status	Explored
	Exploration Agency	Maharashtra State Mining Corporation Ltd

	Total Number of Boreholes with meterage, with proposed meterage		63 bore holes: 13311.24m (DGM: 22 bore holes, 5096.19m, CMPDI: 10 bore holes, 1727.35m, MSMC: 31 bore holes, 6487.7m)			
	Borehole Density		8.5 boreholes/sq.km. (approx.)			
	General Dip of Seams		1 in 5 to 1 in 8 easterly gradient in general			
	General Strike Direction		NW-SE to NNW-SSE			
6.	Coal Seams & Reserve					
	Number of Coal Seams	Thickness Range (m)	Depth Range (m)	Total net Geological Reserve (Mt)	Grade	Geo. Reserve (Mt) considered for
						OC
	Middle Section	1.33 – 8.33	98m to 311m	40.113	D to E	40.113
	Lower Section	1.04 – 4.76	107 - 316	33.633	D to E	33.633
Total-						73.746
7.	Surface Constraints		Warora Township			

Reference: GEOLOGICAL REPORT ON EXPLORATION, for Warora East Coal Block, Wardha Valley Coalfield, Maharashtra State Mining Corporation Ltd. – June-2011

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	Maharashtra State Mining Corporation Limited (MSMCL)
2.	Status of Mineral Exploitation	--
3.	Status of Clearances/Approvals	--

Note:

1. The above data is compiled from Geological Report, and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.

2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
3. There is a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.
4. Out of total 73.746 Mt 9.245 Mt coal reserves are blocked under railway and highway leaving 64.521 Mt coal for underground mining.