

MEDNIRAI COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	MEDNIRAI Block
	Latitude	23 ^o 45' 37" to 23 ^o 48' 37" N
	Longitude	84 ^o 84' 30" to 84 ^o 07' 18" E
	Topo Sheet No.	NA
	Coalfield	Hutar Coalfield (JHARKHAND)
	Villages	Barhania
	Tehsil/ Taluka	
	District	Palamu
	State	JHARKHAND
2.	Connectivity with Block	
	Nearest Rail Head	NA
	Road	NA
	Airport	Ranchi
3.	Area	
	Geological Block Area	10.53 Sq. Km (As per Geological Report)
	Mining Lease Area (As per Mining Plan)	NA
	Project Area	NA
	Forest Area	Out of 13.84 sq. km. originally taken as block area, 9.20 sq. km. is thick forest area
	Non-Forest Area	Out of 13.84 sq. km. originaly taken as block area, 4.64 sq. km. is non- forest area
4.	Climate and Topography	
	Average Annual Rainfall	Minimum-1.6 mm Maximum-595 mm
	Temp. (Min. – Max.)	Min.-01 ^o C to Max. 40 ^o C
	Local Surface Drainage Channels	North Koel river flowing towards north into the Sone river forms the main drainage of Hutar Coalfield. The Macherkunda nala re-originating from the S-E corner of the Mednirai block controls the drainage of the block.
	Rivers	Koel River, Macherkunda Nala, Deori Nala
5.	Exploration	
	Status	Explored
	Exploration Agency	CMPDI
	Total Number of Boreholes with meterage	88 nos., 16275 m.
	Borehole Density	8.36 BH/ sq. km. (88/10.53)

	General Dip of Seams	Dip-- 4 ⁰ to 10 ⁰ north westerly					
	General Strike Direction	NE-SE to NNE-SSW					
6.	Workable coal Seam details (As per the GR)	Table IX-3 (GR)					
	Coal Seams/ Parting	Thickne ss Range(m)	Depth Range	Geolog ical Reserv e (Mte)	Extractable Reserve (Mte)	Grade	Mining Method (UG/OC/Mixed)
	V	0.4-3.98	26.50-289.05	22.573	NA	A - D	NA
	IV A	0.3-2.80	4.40-325.45	13.729		A-D	
	IV	0.06-1.80	3.60-339.20	5.069		B-D	
	III	0.06-3.1	8.15-345.35	11.327		A - D	
	II	0.2-3.0	21.25-356.85	12.851		A-D	
	I A	0.15-2.65	2.7-365.20	6.935		A-D	
	I	0.2-2.7	9.95-369.10	8.348		A-D	
	TOTAL			80.832			

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Rungta Mines Limited, Kohinoor Steel (P) Ltd.
2.	Target Capacity as per Mining Plan	NA
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	NA
	Forest Clearance	NA
	Environmental Clearance	NA
	Mining Lease	NA
	Land Acquisition	NA
	No. of PAPs as per Mining Plan	NA
4.	Surface Infrastructure already built, if any.	NA

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 Allotee in Annexure - I/II