

MARKI BARKA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Marki Barka
	Latitude	24° 10' 22" to 24° 12' 13" N
	Longitude	82° 12' 44" to 82° 14' 42" E
	Topo Sheet No.	63 L/4
	Coalfield	Singrauli Coalfield
	Villages	Pindara
	Tehsil/ Taluka	NA
	District	Singrauli
	State	Madhya Pradesh
2.	Connectivity with Block	
	Nearest Rail Head	Nearest rail station is Saraigram
	Road	The block is well connected by road
	Airport	Varanasi
3.	Area	
	Geological Block Area	About 7.2 Sq. Km
	Mining Lease Area (As per Mining Plan)	NA
	Project Area	NA
	Forest Area	2.92 sq. Km
	Non-Forest Area	4.28 Sq. km
4.	Climate and Topography	
	Average Annual Rainfall	1250 mm to 1500 mm
	Temp. (Min. – Max.)	5 °C to 46 °C
	Local Surface Drainage Channels	A number of small nalas travers the block. The drainage of the area is controlled by the Mohan Nadi and Dhamar Nadi, a tributary of Mohan Nadi.
	Rivers	Mohan Nadi and Dhamar Nadi
5.	Exploration	
	Status	Explored
	Exploration Agency	Shreeram Gemicon (P) Ltd
	Total Number of Boreholes with meterage	56 nos., 12202.10 m.
	Borehole Density	7.8 BH/ sq. km. (56/7.2)
	General Dip of Seams	The amount of dip varies from 15° to 20° in south eastern part, 10° in northern part, 5° to 8° in central, southern and western part.
	General Strike Direction	The strike of formation within the block shows wide variation. In the north western part it is NW to SE, in eastern and central part it is nearly east west, in the southern and SE part it is NE to SW.

6. Coal Seam details (As per GR)							
	Coal Seams/ Parting	Thickness range (m)	Depth Range	Geologic al U/G Net Reserve (Mte)	Geological O/C Net Reserve (Mte)	Grade	Mining Method (UG/OC/ Mixed)
	VIII	0.25 – 1.52	10.8 -112	0.3766	-	G	MIXED
	VII T	0.50 - 3.73	21.15-146	8.7542	34.0529	E to F	
	VII M	0.30 – 0.74	24-150.22	-			
	VII B	0.32 – 5.00	11-169.2	17.8992			
	V	0.50 – 2.30	60.23-244.35	2.4546	-	G	
	IV T	0.28 – 3.36	76.33-273.65	14.9430	36.7288	C	
	IV M	0.35 - 1.15	82.15-268.75	-			
	IV B	0.24 – 4.09	85.4-279.3	17.333			
	II	0.12-2.60	127.2-306.75	10.3312		C	
	I	0.15 -1.40	165.67-316.05	-		C	
	TOTAL			72.054	70.7817		
	G. Total			142.8357			

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Madhya Pradesh State Mining Corporation Limited (MPSMC)
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