

SIMARIA/PIPARIA COAL BLOCKS SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Simaria / Piparia Coal Blocks
	Latitude	Simaria - 23° 31' 02"N to 23° 32' 14"N Piparia - 23° 30' 29"N to 23° 32' 22"N
	Longitude	Simaria - 80° 52' 39"E to 80° 54' 21"E Piparia - 80° 50' 39"E to 80° 52' 49"E
	Topo Sheet No.	Simaria – 64A/14 on RF 1:50000 Piparia - 64A/14 on RF 1:50000
	Coalfield	Simaria - Umaria Coalfield Piparia – Umaria Coalfield
	Villages	Simaria- Simaria village Piparia – Piparia village
	Tehsil/ Taluka	Umaria
	District	Shahdol
	State	Madhya Pradesh
2.	Connectivity with Block	
	Nearest Rail Head	Simaria: Umaria at 6 Km Piparia: Umaria at 2 Km
	Road	Simaria – State highway 14 runs south of the block Piparia - State highway 14 runs through the southern part of the block
	Airport	Jabalpur
3.	Area	
	Geological Block Area	Simaria – 5.00 sq km Piparia – 11.00 sq km
	Mining Lease Area (As per Mining Plan)	NA
	Project Area	NA
	Forest Area	NA
	Non-Forest Area	NA
4.	Climate and Topography	
	Average Annual Rainfall	117.2 cm
	Temperature (Min. – Max.)	8°C to 41°C
	Local Surface Drainage Channels	Simaria: Northerly flowing Dengra Nala in the south central part & the westerly flowing Chhiple Nala in the northern part Piparia: Northerly flowing Umrar Nala, Dengra Nala, Kathli and Chhapha nala
	Rivers	NA
5.	Exploration	
	Status	Simaria – Explored Piparia - Explored
	Exploration	MECL & DGM (MP)

Agency	
Total Number of Boreholes with meterage	Simaria - No of BHs – 53; Meterage – 12070.04 m Piparia - No of BHs – 100; Meterage – 8358.47 m
Borehole Density	Simaria – 10.60 BHs/ sq km Piparia – 9.10 BHs/sq km
General Dip of Seams	Simaria – 4 ⁰ to 12 ⁰ from northerly to easterly Piparia - 3 ⁰ to 5 ⁰ northerly
General Strike Direction	Simaria – Generally WNW-ESE to NW-SE in the western, central and northern part while NNW-SSE to N-S in the eastern and south eastern part Piparia – WNW-ESE in the eastern part and NW-SE in the north western part.

6. Coal Seam details (Simaria Block)						
	Coal Seams/ Parting	Thickness Range(m)	Net Geological Reserve(Mtes)	Extractable Reserve as per Mining Plan (Mtes)	Grade	Mining Method (UG/OC/ Mixed)
	Pali	0.09-1.32	-			
	Parting	158.86-199.02				
	I	0.12-2.15	7.949		E-D	
	Parting	12.13-21.85				
	IIA	0.99-3.19	12.837		D-C	
	Parting	0.72-5.60				
	IIB	0.11-2.28	5.706		E-D	
	Parting	7.46-19.76				
	III	0.23-1.97	5.766		F-E	
	Parting	8.31-27.27				
	IVA	0.09-0.40	-			
	Parting	0.45-2.59				
	IVB	0.12-3.66	6.363		D-C	
	Parting	14.61				
	V	0.05-0.07	-			
	Total Coal (Mtes)		38.621	NA		
	Total OB(Mm3)			NA		
	SR(m3/te)			NA		

7. Coal Seam details (Piparia Block)						
	Coal Seams/ Parting	Thickness Range(m)	Net Geological Reserve(Mtes)	Extractable Reserve as per Mining Plan (Mtes)	Grade	Mining Method (UG/OC/ Mixed)
	I	0.30-2.84	11.315		D-F	
	Parting	5.40-18.92				
	IIA	0.90-3.51	16.297		D-E	
	Parting	0.45-2.76				
	IIB	0.10-1.64	-		E-F	

	Parting	13.98-26.48				
	III	0.11-2.76	10.867		B-G	
	Parting	1.00-20.47				
	IVA	0.05-1.83	4.023		B-C	
	Parting	0.49-5.04				
	IVB	0.38-3.40	21.238		C-D	
	Parting	9.50-18.85				
	V	0.06-0.94	-		C-E	
	Total Coal (Mtes)		63.740	NA		
	Coal Extracted (Mtes)		1.127 (from seam IIA)			
	Balance Coal (Mtes)		62.613			
	Total OB(Mm3)			NA		
	SR(m3/te)			NA		

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 PAFs	NA
4.	Surface Infrastructure already built, if any.	NA

Note: The above data is compiled from Geological Report, Approved Mining Plan, Mine Closure Plan, Environmental Clearance and the data furnished by the prior allottee in relevant Annexures.