

DURGAPUR II/ SARIYA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Durgapur II/ Sariya
	Latitude	22°26'12" N to 22°27'46" N (Provisional)
	Longitude	83°10'51" E to 83°13'12" E (Provisional)
	Topo Sheet No.	64 N/3
	Coalfield	Mand -Raigarh
	Villages	Taraimar, Bayasi, Medarmar, Dharam colony, Bayasi colony
	Tehsil/ Taluka	
	District	Raigarh
	State	Chhattisgarh
2.	Connectivity with Block	
	Nearest Rail Head	Kharsia is the nearest rail head
	Road	Block is located at 65 km north of Kharsia and 80 km north-west of Raigarh. Dharamjaygarh-Kharsia state highway (No.-22) forms northern boundary of the block
	Airport	Nearest airport Raipur is about 205 km from the site
3.	Area	
	Geological Block Area	6.99 Ha (As per shape file; Refer Note No. 3)
	Mining Lease Area (As per Mining Plan)	540.75 Ha
	Project Area	540.75 Ha
	Forest Area	290.399 Ha
	Non-Forest Area	250.351 Ha
4.	Climate and Topography	
	Average Annual Rainfall	2200.8 mm in 1994
	Temperature (Min. – Max.)	7°C-43°C
	Local Surface Drainage Channels	Surface drainage is controlled by Mand River. A small part of the block in the northwest is drained by Dhanger nala.
	Rivers	Mand river flows along the west of the adjacent Taraimar block
5.	Exploration	
	Status	Explored
	Exploration Agency	CMPDI
	Total Number of Boreholes with meterage	Total nos. 91 and total meterage 9132.05m
	Borehole Density	13 bhs/ sq. Km.
	General Dip of Seams	Mostly 2°-3° WSW, in the west 4°-5° South-Westerly
	General Strike Direction	NNW-SSE

6.	Workable coal Seam details (As per the Mining Plan)						
	Coal Seams/ Parting	Thickness Range	Depth Range	Geological Reserve	Extractable Reserve	Grade	Mining Method (UG/OC/Mixed)
	Seam (V)	6.60-10.86		38.85	30.889	F-G	OC
	Parting	4.70-16.94					
	Seam (IV)	1.10-4.03		14.25	11.115	D-G	
	Parting	8.58-16.05					
	Seam (III)	1.47-3.25		19.11	12.387	C-G	
	Parting	21.60-27.90					
	Seam (II)	1.21-2.70		19.46	12.571	D-F	
	Total Coal (Mcum)			91.672	66.962		
	Total OB without rehandle (Mcum)				409.10		
	Stripping Ratio (cum/t)				6.109		

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	DB Power Limited, (a) Dwarika Sadan, 6 Press Complex, M.P. Nagar, Zone-1, Bhopal (M.P) – 46211 (b) 813, Udyog Vihar, Phase-V, Gurgaon-122016 (Haryana)
2.	Target Capacity as per Mining Plan	2 Mty
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	Approved by MoC, No. 13016/46/2008-CA-I (Vol. II) dated: 24.12.2013
	Forest Clearance	Forest clearance by MoEF, F.No. 8-48/2012-FC. Dated:21.02.2014
	Environmental Clearance	Cleared by MoEF No. J-11015/324/2008-IA.II(M). Dated: 05.07.2013
	Mining Lease	
	Land Acquisition	Forest land- 290.399 Ha, Govt Land- nil, Private land - 8.81 Ha
	No. of PAFs as per Mining Plan/ Mine Closure Plan	128
4.	Surface Infrastructure already built, if any.	Office building + boundary wall+ 40 -1 BHK+20-2BHK+ 15-3 BHK+ 10 towers PGCIL Transmission line

Note:

1. The above data is compiled 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, 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.