

DURGAPUR II / TARAIMAR COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Durgapur II/ Taraimar
	Latitude	22°26'00" to 22°28'31" N
	Longitude	83°08'28" to 83°11'13" E
	Topo Sheet No.	64N/3
	Coalfield	Mand -Raigarh
	Villages	Taraimar, Bayasi Basti, Bayasi colony, Durgapur, Dhrama colony and Rupunga.
	Tehsil/ Taluka	Dharamjaigarh
	District	Raigarh
	State	Chhattisgarh
2.	Connectivity with Block	
	Nearest Rail Head	Nearest Rail Head is Kharsia
	Road	Located at 60 km north of Kharsia and 85 km north-west of Raigarh.
	Airport	Nearest airport is in Raipur at about 205 km from adjacent Sariya block
3.	Area	
	Geological Block Area	1070 Ha
	Mining Lease Area (As per Mining Plan)	1070 Ha
	Project Area	1070 Ha
	Forest Area	365.056 Ha
	Non-Forest Area	704.944 Ha
4.	Climate and Topography	
	Average Annual Rainfall	2200.8 mm recorded in 1994
	Temperature (Min. – Max.)	7°C-43°C
	Local Surface Drainage Channels	Surface drainage is controlled by Mand River in the west.
	Rivers	Mand river flows along the west of the block
5.	Exploration	
	Status	
	Exploration Agency	GSI, CMPDI
	Total Number of Boreholes with meterage	117 nos. (CMPDI), 21409.10m (CMPDI BHs)
	Borehole Density	11BHs/Sq. Km.
	General Dip of Seams	3°-5°
	General Strike Direction	NW-SE

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 (VA)	0.10-2.27		10.947	8.42	C-G	OC
	Parting	33.55-49.47					
	Seam (V)	4.10-12.89		86.040	61.7	F-G	
	Total Coal (Mt)			96.987	70.12		
	Total OB without rehandle (Mcum)				967.3		
	Stripping Ratio (cum/t)				13.79		
	Parting	10.44-33.17					UG
	Seam (IV)	0.60-3.45		23.633	13.32	D-G	
	Parting	4.00-13.18					
	Seam (III)	1.48-8.58		67.427	42.64	C-F	
	Parting	9.13-29.67					
	Seam (II)	0.60-2.90		23.319	14.11	C-F	

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	BHARAT ALUMINIUM CO. LTD. CPP-II, COSMOS Building, BALCO Nagar, Korba (CG)-495684
2.	Target Capacity as per Mining Plan	3 Mty (OC) + 1 Mty (UG)
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	MP Approved by MoC, No. 13016/19/2008-CA-I dated: 17.10.2008. Mine closure plan Approved by MoC, No. 34011-46-2012-CPAM dated: 11.11.2013
	Forest Clearance	Forest clearance by MoEF, F.No. 8-37/2009-FC. Dated:14.11.2012
	Environmental Clearance	Cleared by MoEF No. J-11015/272/2008-IA.II(M). Dated: 24.05.2012
	Mining Lease	
	Land Acquisition	Forest land- 365.056 Ha, Govt Land- nil, Private land - 32.938 Ha
	No. of PAFs as per Mining Plan/ Mine Closure Plan	729
4.	Surface Infrastructure already built, if any.	Fencing of R&R colony, Hospital, Shopping complex, Temple, Garden renovation etc.

Note: 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

DURGAPUR II/ SARIYA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Durgapur II/ Sariya
	Latitude	22°26'00" to 22°27'27" N
	Longitude	83°10'47" to 83°13'10" E
	Topo Sheet No.	64N/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	693 Ha
	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	
	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° WSWesterly, 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: 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