

MAHUAGARHI COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details					
1. Location							
	Coal Block	MAHUAGARHI Block					
	Latitude	24° 22' 12"N to 24° 24' 16"N					
	Longitude	87° 26' 21"E to 87° 28' 0"E					
	Topo Sheet No.	72P/7 of the survey of India					
	Coalfield	Mahuagarhi Coalfield (JHARKHAND)					
	Villages	Gandharp, kantratarnd+dudhia, Talpahari, Lakraphela, Chaudhar					
	Tehsil/ Taluka						
	District	DUMKA					
	State	JHARKHAND					
2. Connectivity with Block							
	Nearest Rail Head	Nearest rail head is Rampurhat at a distance of 55 km km away from the block					
	Road	The Block can be approached by metalled Road which connects Dumka, Nalhati and Pakur. The district headquarters Dumka is about 25 km from the Block.					
	Airport	Kolkatta located at 215 km in SE					
3. Area							
	Geological Block Area	7.70 Sq. Km (As per Geological Report)					
	Mining Lease Area (As per Mining Plan)	770.00					
	Project Area	1185.27 Ha					
	Forest Area	111.422 Ha, Reserve forest – 396.34 Ha					
	Non-Forest Area	292.238 Ha					
4. Climate and Topography							
	Average Annual Rainfall	Minimum-1000 mm					
	Temp. (Min. – Max.)	Min.-5-6 °C to Max. 40 °C					
	Local Surface Drainage Channels						
	Rivers	Gumra nadi and tirpati nullah					
5. Exploration							
	Status	Explored					
	Exploration Agency	GSI, MCCPL					
	Total Number of Boreholes with meterage	20 nos., 5768.80 m.					
	Borehole Density	7.77 BH/ sq. km.					
	General Dip of Seams	Dip-- 1° to 7° towards East					
	General Strike Direction	Generally NNW-SSE					
6. Workable coal Seam details (As per the Mining Plan)							
	Coal Seams/ Parting	Thickness	Depth Range	Geological	Extractable	Grade	Mining

		Range(m)		Reserve (Mte)	Reserve (Mte)		Method (UG/OC/Mixed)
	8 A	0.45-1.54	10.50-85.20	4.94	0.862	G12	OC
	8 B	0.60-1.90	13.90-90.20	6.73	1.567	G12	
	7 A 1	0.37-3.69	71.00-103.38	9.93	3.940	G12	
	7 A 2	0.25-1.31	47.30-102.92	5.86	1.498	G9	
	7 B	1.05-8.14	50.71-109.10	45.53	13.747	G13	
	7 C	0.26-3.32	32.70-111.30	10.82	3.943	G12	
	6 A	0.47-1.69	32.35-123.80	8.69	1.796	G13	
	6 B	0.11-2.49	9.14-128.76	8.59	1.347	G12	
	5 A	0.46-3.29	22.59-149.31	10.62	2.914	G12	
	5 B	0.41-3.05	30.32-160.88	10.53	0.813	G11	
	5 C	0.23-3.38	33.44-166.29	8.76	2.194	G11	
	5 D	0.20-2.47	41.54-181.56	2.07	0.702	G11	
	5 E	0.50-1.15	60.14-164.67	3.76	0.466	G11	
	4 A1	1.16-1.69	140.6-197.40	7.30	1.754	G10	
	4 A2	1.50-1.89	143.1-200.81	10.35	2.218	G8	
	4 B	0.20-4.05	33.80-255.98	15.92	4.163	G11	
	4 C	0.29-6.51	48.46-237.56	21.47	4.349	G12	
	4 D	0.21-2.07	51.88-230.83	5.76	0.204	G11	
	4 E	0.26-2.49	91.35-239.37	8.41	0.517	G12	
	4 F	0.34-1.65	71.93-244.95	4.66	0.323	G12	
	3 A	0.42-5.57	80.42-261.95	9.05	0.604	G11	
	3 B	0.23-6.46	83.36-278.51	11.80	1.506	G13	
	3 C	0.42-5.57	63.25-280.70	21.32	2.248	G9	
	2 A	0.18-4.24	120.85-303.05	15.03	0.615	G11	
	2 B1	0.21-5.10	224.84-307.00	18.24	2.874	G10	
	2 B2	0.24-1.91	129.65-313.88	6.73	0.419	G13	
	1 A	0.35-2.00	185.04-329.47	7.14		G12	
	1 B	0.37-1.10	200.50-328.00	6.03		G13	
	TOTAL			305.95	57.583		
	Total OB (MCum)				231.41		
	Stripping Ratio				4.0187		

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Calcutta Electricity Supply Corporation Ltd. (CESC), Jas Infrastructure Capital Pvt. Ltd.
2.	Target Capacity as per Mining Plan	4.0 MTPA.
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	138 families
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