

Seregarha

PART A

Sr. No.	Features	Details		
1.	Location			
	Coal Field	North Karanpura Coalfield		
	Latitude	23°48'48" N & 23°49'31" N		
	Longitude	84°52'30" E & 84°54'16" E		
	Villages	Seregarha, Ganeshpur		
	Tehsil/ Taluka	Balumath		
	District	Latehar		
	State	Jharkhand		
2.	Area			
	Geological Block Area	3.50 sq. Km.		
	Project Area	5.20 sq. Km.		
	Mining Lease Area	520 hectares (As per Mining Plan)		
	Forest Area	348.91 hectares (Including Chote-Bade Jhar ke Jungle)		
	Non Forest Area	171.09 hectares		
3.	Exploration			
	Status of Exploration	Explored		
	Exploration Agency	CMPDI/NKCPL		
	Total Number of Boreholes	38 (Excluding 3 boreholes drilled outside block)		
	Boreholes Meterage	7667.70 m		
	Borehole Density	10.85 BH per square km		
4.	Amount of Coal			
	Total Geological Reserves	178.43 MT , 171.33 Mt (leaving barrier for nalas and statutory limits)		
	Total Mineable Reserves	105.88 MT		
	II	Seam	Geological (MT)	Mineable (MT)
		V Top	53.16	33.04
		Vbottom	13.97	7.93
		IVA	4.13	2.67
		IV	5.08	3.32
		II/III	63.17	38.96
		I Top	12.10	7.84
		I Middle	6.13	3.92
		I Bottom	13.60	8.20
		Total	171.33	105.88
5.	Coal Seams			
	Dip of Seam	Dip is Variable and varies from 7°-17°		
	Direction of Strike	The strike of strata is roughly ENE-WSW . The strike gradually swings to almost NE-SW in south Central part of the block.		

	Thickness of Coal Seams		Seam	Thickness Range (M)	
			V Top	11.76 - 26.38	
			V Bottom	2.07 - 12.46	
			IVA	0.84 - 2.59	
			IV	0.50 - 5.34	
			II/III	10.30 - 23.16	
			I Top	0.99 - 6.84	
			I Middle	0.97 - 4.17	
			I Bottom	0.97 - 5.45	
	Partings	Between Seams	Average (M)		
		Top OB	93.95		
		Parting between V Top and V Bottom	7.36		
		Parting between V Bottom and IV A	36.02		
		Parting between IV A and IV	11.57		
		Parting between IV and II/III	20.19		
		Parting between II/III and I Top	5.66		
		Parting between I Top and I Middle	1.01		
		Parting between I Middle and I Bottom	2.46		
	Faults	Name of Fault	Max Throw (m)		
		F1-F1	20 - 140		
		F2-F2	50 - 120		
		F3-F3	10 - 30		
		F4-F4	10 - 20		
		F5-F5	40		
		F6-F6	20		
6.	Grade		Seam	Thickness (M)	
			V Top	G-14	
			V Bottom	G-14	
			IVA	G-14	
			IV	G-13	
			II/III	G -12	
			I Top	G -12	
			I Middle	G -12	
			I Bottom	G -12	
7.	Accessibility				
	Nearest Rail Head Distance	Tori Railway Station (about 22 km)			
	Road	Balumath (about 7 km)			
	Airport Distance	Ranchi, 90 Km			
8.	Hydrography				
	Local Surface Drainage				

	Channels	
	Rivers/ Nala	Bhityahi and Barwapani nala in the east and west respectively. Garhi River 6 km south of the block.
9.	Climate	
	Average Annual Rainfall	1216 mm (1996-2005)
	Temperatures (Winter)	12 °c (min)
	Temperatures (Summer)	42°c (max)
10.	Topography	
	Topo Sheet Number	GSI Toposheet no.. 73A/13 and 73E/1
	Nature of Surface Land	Undulating Topography
11.	Other Infrastructure	
	Coal Handling Plant Capacity	4 MTPA
	Coal Washery Capacity	Yes , 4 MTPA
	Transport from Mine	By trucks
	Power Supply	Yes

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	Arcelor Mittal India Ltd./GVK Power (Goindwal Sahib) Ltd.
	Address	Arcelor Mittal India Ltd. IFCI Tower, 11 th Floor, A-Wing 61, Nehru Place, New Delhi – 110019 GVK Power (Goindwal Sahib) Ltd. Pevigah House, 156-159 Sardar Patel Road, Secunderabad - 500003
	Nature of End Use	Power Plant
2.	Status of Mineral Exploitation	
	Method of Mining	Opencast Mining
	Coal Extracted	-
	Mine Plan Extraction Rate	4.0 MTPA
	Average Stripping Ratio	1:2.97
	Mining Agency	-
3.	Status of Clearances/Approvals	
	Mining Plan(Reference to Grant)	38011/l/2007-CA-I dt. 25.04.2008
	Forest Clearance(Reference to Grant)	-
	Environmental Clearance(Reference to Grant)	-
	Mining Lease (Reference to Grant)	Not Available
	Land Required	520 hectares
	Land Acquired	-
	R&R Plan Approval	-
	R&R Plan Achievement	-

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