

MACHERKUNDA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details					
1.	Location						
	Coal Block	Macherkunda					
	Latitude	23° 48' 02" – 23° 49' 22" N					
	Longitude	84° 05' 55" – 84° 07' 40"					
	Topo Sheet No.	73 A/1					
	Coalfield	Hutar Coalfield					
	Villages						
	Tehsil/ Taluka						
	District	Latehar					
	State	Jharkhand					
2.	Connectivity with Block						
	Nearest Rail Head	Barwadih Railway Station (4.5km away from block)					
	Road	Daltonganj-Ranchi NH75					
	Airport	Ranchi					
3.	Area						
	Geological Block Area	395 Ha					
	Mining Lease Area	395 Ha					
	Project Area	396.09Ha					
	Forest Area	396.09Ha					
	Non-Forest Area	-					
4.	Climate and Topography						
	Average Annual Rainfall	1200mm					
	Temperature (Min. – Max.)	6 degree to 46degree					
	Local Surface Drainage Channels	Deori nala and Macherkunda Nala					
	Rivers						
5.	Exploration						
	Status	Explored					
	Exploration Agency	CMPDI, GSI					
	Total Number of Boreholes with meterage	36 Boreholes, 4428.21 meters					
	Borehole Density	9.11					
	General Dip of Seams	4 degree to 8 degree south and NW					
	General Strike Direction	E-W in the northern side to NE-SW in the southern side.					
6.	Coal Seams & Reserve (As Considered in Mining Plan)						
	Number of Coal Seams	Thickness Range	Depth Range	Geological Reserve	Extractable Reserve	Grade	Mining Method (UG/OC)
	Seam V	0.4 – 2.40		3.371	1.843	G-6	UG
	Seam IV	0.32 – 2.00		2.665	0.978		UG
	Seam III	0.48 – 2.30		4.087	1.221		UG

	Seam II	0.68 – 2.50		6.612	3.103		UG
	Seam IA	0.28 – 1.35		2.033	-		UG
	Seam I	0.48 – 2.30		5.094	1.589		UG

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Bihar Sponge iron Ltd, Umesh Nagar, Chandil Dist. Saraikela-Kharsawan Pin: 832 401 Jharkhand
2.	Mine Capacity as per Mining Plan	0.3MTY
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 as per Mining Plan/ Mine Closure Plan	NA
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