

SONDIHA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details		
1.	Location			
	Coal Block	SONDIHA Coal Block		
	Coal Field	Tatapani Ramcola Coalfield		
	Latitude	23°37'01.331" N & 23°38'33.676" N	Existing information about bounding coordinates has been converted to WGS84 system by CMPDI	
	Longitude	83°13'43.220" E & 83°17'01.063" E		
	Villages	Bartikala, Sabtripur, Injani, Bhagabanpur-Jirat, and Bhagabanpur-Khas		
	Tehsil/ Taluka	Wadrupnagar		
	District	Surguja		
	State	Chhattisgarh		
2.	Area			
	Geological Block Area	10.74 sq. Km.		
	Project Area	-		
	Mining Lease Area	810 hectares (As per Mining Plan)		
	Forest Area	327.48 hectares (Including Chote-Bade Jhar ke Jungle)		
	Non Forest Area	482.52 hectares		
3.	Exploration			
	Status of Exploration	Explored		
	Exploration Agency	GSI/DGM/Shreeram Gemicon Pvt Ltd.		
	Total Number of Boreholes	103		
	Boreholes Meterage	16951.30 m		
	Borehole Density	10 BH per square km		
4.	Amount of Coal			
	Total Geological Reserves	50.18 MT (As per Geological Report)		
	Total Mineable Reserves	37.633 MT (29.036-OC & 8.597-UG)		
	Total Extractable Reserves	32.743 MT (27.584-OC & 5.159-UG)		
Coal Seams		Seam	Geological (MT)	Mineable (MT)
		VI	2.26	Not Available in Mining Plan
		V	4.45	
		IVT	16.25	
		IVB/IV	18.77	
		III	3.26	
		II	1.79	
		I	3.40	
	Total	50.18		
5.	Coal Seams			
	Dip of Seam	Dip is Variable and varies from 3°-15°		
	Direction of Strike	South Western: NW-SE, North Western: NNE-SSW, Eastern part: E-W.		

	Thickness of Coal Seams	Coal Seam	Usual Range (Mtrs)
		VI	0.27-2.58
		V	0.30-2.59
		IVT	0.58-5.55
		IVB/IV	0.40-5.40/1.40-8.89
		III	0.15-3.53
		II	0.15-2.08
		I	0.13-1.71
	Partings	Between Seams	Usual range (Mtrs)
		Parting between VI and V	2.25-16.33
		Parting between V and IVT	1.26-14.27
		Parting between IVT and IVB/IV	4.65-12.44
		Parting between IVB/IV and III	17.22-36.59
		Parting between III and II	8.05-22.06
		Parting between II and I	10.35-25.85
	Faults	Name of Fault	Max Throw (m)
		F1-F1	250
		F2-F2	60
		F3-F3	50
		F4-F4	60
		F5-F5	45
		F6-F6	75
		F7-F7	32
		F8-F8	20
		F9-F9	75
		F10-F10	100
		F11-F11	30
		F12-F-12	20
		F13-F13	50
		F14-F14	135
		F15-F15	30
		F16-F16	30
		F17-F17	100
		F18-F18	20
		F19-F19	15
F20-F20	20		
6.	Grade		
	Grade	Seam	General Range
		VI	D-F
		V	D-G
		IVT	F-G
		IVB/IV	C-G
		III	B-G
		II	A-E

		I	A-F
7.	Accessibility		
	Nearest Rail Head Distance	Renukut Railway Station, 80km from Wadрупnagar	
	Road	Ambikapur-Varanasi State Highway ,82 Km	
	Airport Distance	Raipur	
8.	Hydrography		
	Local Surface Drainage Channels		
	Rivers/ Nala	Moran River	
9.	Climate		
	Average Annual Rainfall	1400 mm	
	Temperatures (Winter)	4 °c (min)	
	Temperatures (Summer)	45°c (max)	
10.	Topography		
	Topo Sheet Number	Survey of India Sheet No. 64-M/2 and 64-M/6	
	Nature of Surface Land	Undulating Topography	
11.	Other Infrastructure		
	Coal Handling Plant Capacity	1.00 MTY	
	Coal Washery Capacity	Not Envisaged	
	Transport from Mine	By trucks	
	Power Supply	Yes	

PART B

Sr. no.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	M/s Chhattisgarh Mineral Development Corporation Ltd.
	Address	Sonkhan Bhawan, Ring Road-1, Purena, Raipur, Chhattisgarh-492006
	Nature of End Use	Commercial Use
2.	Status of Mineral Exploitation	
	Method of Mining	Opencast & Underground Mining
	Coal Extracted	-Nil-
	Mine Plan Extraction Rate	1.00 MTY (OC+UG), UG will start from 16 th year @0.25 MTY
	Average Stripping Ratio	1:13.79
	Mining Agency	Not Available
3.	Status of Clearances/Approvals	
	Mining Plan (Reference to Grant)	No: 13016/8/2007-CA-1 dated 6/07/2011
	Forest Clearance (Reference to Grant)	No: 8-50/2012-FC dated 4/3/2013 (Stage-I)
	Environmental Clearance (Reference to Grant)	No: J-11015/331/2010-IA.II (M) dated 16-09-2013
	Mining Lease (Reference to Grant)	No: 13016/08/2007-CA-1 dated 4/06/2012
	Land Required	810 Ha
	Land Acquired	400.60 Ha
	R&R Plan Approval & Details	F 7-17/2011/12 dated 28/6/2014 (number of PAFs-436 as per data provided by CMDC)
	R&R Plan Achievement	-Nil-

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. For clarifications with regard to above data, please refer aforesaid source documents.