

BRAHMAPURI COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details				
1.	Location					
	Coal Block	BRAHAMPURI				
	Coal Field	Pench-Kanhan Valley Coalfield				
	Latitude	22° 12' 27.977" N & 22° 13' 45.899" N	Existing information about bounding coordinates has been converted to WGS84 system by CMPDI			
	Longitude	78° 51' 15.907" E & 78° 52' 40.129" E				
	Villages	Bichhua Pathar, Sirgora, Kukur Munda, Chhinda, Sethia, Mandla. (As per Mining Plan)				
	Tehsil/ Taluka	Parasia.				
	District	Chhindwara				
	State	Madhya Pradesh.				
2.	Area					
	Geological Block Area	750 hectares (As per Mining Plan)				
	Project Area	360 hectares				
	Mining Lease Area	400 hectares				
3.	Exploration					
	Status of Exploration	Explored				
	Exploration Agency	Mineral Exploration corporation Ltd (MECL),				
	Total Number of Boreholes	36 (Within the lease hold area)				
	Boreholes Meterage	10001.2 m (Within the lease hold area)				
	Overall Borehole Density	10. boreholes per sq. km (Within the lease hold area)				
4.	Amount of Coal					
	Geological Reserves	55 MT (+0.9m thick) / 38MT (+1.5m thick).				
	Extractable Reserves	12.343 MT				
	Seam Wise Reserve	Seam	Geological (MT)	Extractable (MT)	Method	
		IC	14.29	5.023	U/g	
		IIA	3.94	1.286		
		IIB	0.62	0.229		
		III	1.65	0.510		
		IVA	6.52	2.145		
		VA	6.77	2.107		
		VB	4.18	1.043		
		Total	37.97	12.343		22.464
5.	Coal Seams					
	Dip of Seam	1 in 7 to 1 in 8 towards north.				
	Direction of Strike	NE-SW to E-W (Western part).				
	Thickness of Coal Seams	Coal Seam		Thickness range (Mtrs)		
		Upper Group of Seams				
		IA		0.052 to 1.31		
		IB		0.21 to 2.16		
		IC		1.49 to 3.63		

		IIA	0.10 to 2.5
		IIB	0.49 to 1.79
		III	0.15 to 1.82
		Lower Group of Seams	
		IVA	0.80 to 2.80
		VA	0.56 to 2.94
		VB	0.42 to 2.98
		VC	Mostly less than 0.5m
	Partings	Between Seams	Usual (in metres)
		Parting between IA and IB	0.13 to 2.44
		Parting between IB and IC	0.16 to 0.99
		Parting between IC and IIA	1.33 to 4.74
		Parting between IIA and IIB	0.34 to 2.15
		Parting between IIB and III	1.99 to 3.51
		Parting between III and IVA	15 to 20
		Parting between IVA and VA	2 to 7
		Parting between VA and VB	7 to 12
		Parting between VB and VC	1 to 4.5
	Faults	Name of Fault	Throw (m)
		F11(B)	50
		F12(B)	60-70
		F13(B)	20
		F14(B)	20-70
		F15(B)	10-25
		F16(B)	10
		F17(B)	20
		F18(B)	10
		F19(B)	20-35
		F21(B)	10-20
		F22(B)	30-40
		F23(B)	10
		F24(B)	35-70
		F25(B)	50
		F26(B)	15-20
		F27(B)	10

		F28(B)	30	
6.	Grade			
	Quality (Grade) of coal as per GR	Seam	Range	
		Upper group of Seams	C - E (generally D)	
		Lower group of seams	B-D (generally C)	
7.	Accessibility			
	Nearest Rail Head Distance	Parasia is linked with Chhindwara through a narrow gauge railway line of south eastern railway and with Amla (87km on GT line) by broad gauge railway line of central railway. The nearest railway siding from the block is available at Rawannara colliery (narrow gauge, distance 2km) and at Khirsadoh (Broad gauge, distance 14 km) for coal loading.		
	Road	The block is located about 15km east of parasia, the major mining town in pench valley coalfield. Parasia is located 27km north of chhindwara, the district HQ and connected by M.P. state highway No-19 passing through perasia and connecting chhindwara with piparia/panchmahi.		
	Airport Distance			
8.	Hydrography			
	Local Surface Drainage Channels	The rain fed gullies and nallas mostly flow in all directions from the central ridges.		
	Rivers/ Nala	The perennial drainage in the block is through the southerly flowing Pench river which cuts across the block in its western part.		
9.	Climate			
	Average Annual Rainfall	Around 1200-1800 mm.		
	Temperatures (Min)	5-6°C		
	Temperatures (Max)	40°C		
10.	Topography			
	Topo Sheet Number	55 J/16		
	Nature of Surface Land	The block is a rugged terrain comprising two parallel ridges-running east-west in the central part-elevations of which reach up-to maximum of 810m to as low as 750m		
11.	Other Infrastructure			
	Coal Handling Plant Capacity	400te		
	Coal Washery Capacity	N/A		
	Transport from Mine	By Road		
	Power Supply	33kV O/H line from nearest sub station of MPEB at Amarwara		

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	M/s Pushp Steels & Mining (PVT.) Ltd.
	Address	M/s Pushp Steels & Mining (PVT.) Ltd. 751, Ground Floor, Kundewalan St., Ajmeri Gate, Delhi-110 006.

	Nature of End Use	Captive consumption for manufacture of Sponge Iron Plant of M/s Pushp Steels & Mining (PVT.) Ltd.
2.	Status of Mineral Exploitation	
	Method of Mining	Underground mining
	Coal Extracted	NIL
	Mine Plan Extraction Rate	0.36 MTY Targeted.
	Average Stripping Ratio	NA
	Mining Agency	
3.	Status of Clearances/Approvals	
	Mining Plan(Reference to Grant)	Approved No.13016/63/2008-CA-I dated 23.04.2010
	Forest Clearance(Reference to Grant)	no
	Environmental Clearance(Reference to Grant)	no
	Land Required	Within Block:4.696 Ha, Outside Block: 2.268 Ha (As per data provided by prior allottee in Annexure-III)
	Land Acquired	4.191 Ha (As per data provided by prior allottee in Annexure-III)
	R&R	Not Applicable (As per Annexure-III submitted by the prior allottee)

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.