

Shankarpur Bhatgaon II Extn. Coal Block Summary
PART A

Sr. No	Features	Details
1. Location		
	Coal Block	Shankarpur Bhatgaon II Extn.
	Latitude	23° 16' 53" N to 23° 21' 26" N (Provisional)
	Longitude	83° 2' 45" E to 83° 8' 12" E (Provisional)
	Topo Sheet No.	SOI Toposheet no 64 M/13
	Coalfield	Bishrampur Coalfield
	Villages	
	Tehsil/Taluka	
	District	Surguja
	State	Chhattisgarh
2. Connectivity with Block		
	Nearest Rail Head	The nearest railway station is at Bishrampur which is the terminal for the Bijuri-Bishrampur line of the South East Central Railway.
	Road	The block can be approached by state highway no 5 which connects Ambikapur and Varanasi. The highway passes through the western part of the block. The interiors of the block are difficult to access during the rainy season.
	Airport	Raipur Airport
3. Area		
	Geological Block Area	33.77 sq. km. (As per shape file. Refer Note at the end)
	Forest Area	Approx 10% (as per SOI plan)
	Non-Forest Area	Approx. 90% (As per SOI plan)
4. Climate and Topography		
	Average Annual Rainfall	The average rainfall is about 1436mm
	Temperature (Min. — Max.)	2°C - 45°C
	Local Surface Drainage Channels	Mahan river constitutes the northern boundary of the block. An important seasonal nala, the Gulphuli nala flows northward along the eastern boundary of the block.
	Rivers	Mahan River and Gulphuli Nala

5.	Exploration						
	Status	Explored					
	Exploration Agency	CMPDI					
	Total Number of Boreholes with meterage	230 boreholes and 22670.81m					
	Borehole Density	6.84 boreholes per sq km					
	General Dip of Seams	<p>Northern Part: Dip is generally northerly but in the extreme NW part southerly dips are evident. The amount of dip varies from subhorizontal to 5°.</p> <p>Southern Part: Dip varies between <1° to 3°. In the NE part it is 2° – 3° north westerly in the SE part it is 1° – 2° westerly and in the remaining area it varies 1° – 3° northerly.</p>					
	General Strike Direction	Coal seams broadly show NE-SW strike in the western part and NW-SE to NNW-SSE strike in the eastern part of the block.					
6.	Coal Seams & Reserve						
	Number of Coal Seams	Thickness Range (m)	Depth Range (m)	Net Proved Reserves (mt.)	Gross Indicated Reserves (mt.)	Total Reserves (mt.)	Grade
	VIII	0.29 – 3.50	12.28 – 96.90	17.798	0.598	18.396	C - G
	L6	0.06 – 2.20	6.00 – 101.08	6.890	0.200	7.090	A - C
	VI	0.03 -2.00	44.00 – 134.00	10.062	1.135	11.197	A - D
	III Top	0.45 – 2.93	7.60 – 62.12	22.319		22.319	B - F
	II	0.02 – 2.61	15.40 – 94.97	9.930	3.821	13.751	A - E
	L1	0.03 – 1.84	47.00 – 115.74	7.886		7.886	A - E
	TOTAL (Proved + Indicated)			74.885	5.754		
7.	Surface Constraints	NA					

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Chhattisgarh Mineral Development Corporation Limited
2.	Mine Capacity as per Mining Plan	2.0 MTY
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	Approved
	Forest Clearance	Pending
	Environmental Clearance	Pending
	Mining Lease	Pending; Previous approval by GoI granted
	Land Acquisition	Not acquired
	No. of PAFs as per Mining Plan/ Mine Closure Plan	NA
4.	Surface Infrastructure already built, if any.	NO

Note:

1. The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.
2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
3. There may be a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.