BIKRAM COAL BLOCK SUMMARY
PART A

Sr. No	Features	Details
1.	**Location**	
	Coal Block	Bikram
	Latitude	23° 11' 4" N to 23° 11' 32" N (Provisional)
	Longitude	81° 28' 42" E to 81° 31' 2" E (Provisional)
	Topo Sheet No.	64 E / 8 & 64 E / 12
	Coalfield	Sohagpur
	Villages	Bartara (As per SOI Toposheet)
	Tehsil/Taluka	
	District	Shahdol
	State	Madhya Pradesh
2.	**Connectivity with Block**	
	Nearest Rail Head	The nearest railway station is Burhar, on the Bilaspur-Katni section of S.E. railway it is located at a distance of about 9km due NE of the block.
	Road	The Shahdol-Amarkantak highway No. 14 passes 7 km due NE of the block area.The block can be approached from this road by an all-weather feeder road. There are a few fair weather roads within the block which provide accessibility to different parts of the area.
	Airport	Raipur Airport
3.	**Area**	
	Geological Block Area	2.44 sq.km (As per shape file. Refer Note at the end)
	Forest Area	Approx. 10% (as per FSI map) however more than half of the block is covered by Burhar Reserve forest.
	Non-Forest Area	Approx. 90% (as per FSI map)
4.	**Climate and Topography**	
	Average Annual Rainfall	mm
	Temperature (Min. — Max.)	Minimum 1.54°C – Maximum 46°C
	Local Surface Drainage Channels	There is no prominent drainage pattern developed in the block.
	Rivers	Baisaha nala flowing in the west and Nargara nala in the east constitue the main drainage of the area. These two along with a number of seasonal streamlets drain the area and finally discharge their water into the river son near village Nabalpur about 12 km NW of the Bikram Block.

5.	**Exploration**	
	Status	Detail Explored
	Exploration Agency	CMPDI (GR year Oct,1997)
	Total Number of Boreholes with meterage	61 Boreholes; 9536.12 m
	Borehole Density	Approx. 25.52 Boreholes/sq.km.
	General Dip of Seams	The dip varies between 1º-6º and the direction from NW in the southern part, almost N in the central part NE in the north-eastern part and NW in the south-eastern part of the block.
	General Strike Direction	N 40º-55º E – S 40º-55º W in the western & central part of the block, N 60 º -65 º E- S 60 º -65 º W in the NE part to almost horizontal in the south eastern part and ultimately veers to N-S in the eastern most part of the block.
6.	**Coal Seams & Reserve: 20.072 MT(Proved reserves) + 0.903 MT(Indicated reserves)=20.975 MT(a total net coal reserves (proved +indicated) available for Underground exploitation)**	

	Number of Coal Seams	Thickness Range (m)	Depth Range (m) (Floor)	Geological Reserve (MT)	Grade	Geo. Reserve (Mt) considered for	
						OC	UG
	Seam IX	0.42-3.75	11.29-87.95	6.494	F		6.494
	Seam VIII	0.10-2.30	25.73-104.00	3.220	C		3.220
	Seam VII	0.55-4.79	82.17-160.70	6.420	C		6.420
	Seam VIIT	2.27	149.10				
	Seam VIIB	2.14	152.69				
	Seam VIT	0.05-3.36	95.29-186.40		D		
	Seam VIB (Comb.)	2.04-3.78	128.03-181.65	3.586	D		3.586
	Seam VIB (T)	0.38-2.05	126.66-185.30		D		
	Seam VIB (B)	0.11-1.80	130.50-189.71	1.255	D		1.255
		Total		**20.975**			**20.975**

7.	**Surface Constraints**	NA

PART B

Sr. No.	**Features**	**Details**
1.	**Previous Allocation**	
	Name of Allocatee	Birla Corporations Ltd.
2.	**Status of Mineral Exploitation**	--
3.	**Status of Clearances/Approvals**	--

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 is 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.