BHASKARPARA COAL BLOCK SUMMARY

PART A

Sl. No.	Features	Details	
1.	**Location**		
	Coal Block	**BHASKARPARA**	
	Latitude	23° 21′ 20″ N to 23° 22′ 42″ N (Provisional)	Topo Sheet No. 64 J/11 & 64 I/15
	Longitude	82° 45′ 5″ E to 82° 48′ 09″ E (Provisional)	
	Coalfield	Situated in the eastern continuity of Girijapur Block, Jhillimili Coalfield, Bhaiyathan, Surguja(Chhattisgarh)	
	Villages	Barsara, Khadapara, Bhaskarpara, Kurridih, Kewra, Danauli-Khurd, Kusmusi	
	Tehsil/ Taluka	Bhaiyathan	
	District	Surguja	
	State	Chhattisgarh	
2.	**Connectivity with Block**		
	Nearest Rail Head	Nearest Rly Stn: Shivprasad Nagar Railway Station on Ambikapur-Sahdol Railway line of the SE Railway located at a distance of about 7 km from the proposed coal mine. The Surajpur railway station in the same railway towards Ambikapur in about 11 km.	
	Road	The Bhaskarpara Block is approachable by black top road from Surajpur and Patna located on the NH 78 (connecting Ambikapur & Shahdol via Surajpur, Patna and Baikunthpur). The block is located at a distance of about 8 km from Patna through SH 12 which is passing through Bhaskarpara and about 24 Km from Surajpur from proposed mine	
	Airport		
3.	**Area**		
	Geological Block Area	9.32 Sq. km (As per shape file. Refer Note No. 3)	
	Mining Lease Area (As per Mining Plan)	920 Ha	
	Forest Area	515.08 Ha (As per annexure provided)	
	Non-Forest Area	476.92 Ha (As per annexure provided)	
4.	**Climate and Topography**		
	Average Annual Rainfall	1456mm	
	Temperature (Min. – Max.)	3^0C – 46°C	
	Local Surface Drainage Channels	The Manik Nala with north easterly flow drains to join Gokhani Nala in the north & Kalua Nala with south eastern flow drains into Rehar river in the east. These two seasonal nallas along with their feeders control the drainage pattern of the block.	
	Rivers	Rehar river in the east of the block.	
5.	**Exploration**		
	Status	Explored	
	Exploration Agency	NCDC, MECL and SECL	

	Total Number of Boreholes with meterage	No of BHs – 108 Meterage – 11585.07m					
	Borehole Density	11.74 BHs/sq km					
	General Dip of Seams	Dip of seams varies from 9deg to10deg in the eastern & central part to 2deg to 3deg in the southern & south western part of the block					
	General Strike Direction	General strike of the coal bearing formation is roughly E-W					
6.	**Workable coal Seam details (As per the Mining Plan)**						
	Coal Seams/ Parting	Thickness Range(m)	Depth Range	Geological Reserve(Mtes)	Extractable Reserve(Mtes)	Grade	Mining Method (UG/OC/Mixed)
	V	0.40-4.57		7.49	6.80	E-F	OC
	Parting	7.20-5.10					
	IV A	0.60-2.00		4.01	3.30	D-F	OC
	Parting	0.50-4.74					
	IV B	0.31-1.98		3.18	3.00	B-D	OC
	Parting	71.49-111.61					
	III	0.09-2.43		8.77	1.64	A-C	UG
	Parting	2.50-14.20					
	II (T)/ II (C)	0.31-3.51		23.43	9.32 (OC-5.57, UG-3.75)	A-E	OC+UG
	Parting	0.44-6.65					
	II (B)	0.05-1.34		Unworkable	Unworkable		
	Total Coal(Mtes)			**46.91**	**24.06 (OC- 18.67, UG-5.39)**		
	Total OB(Mm3)				**159.88**		
	SR(m3/te)				**8.51**		

PART B

Sl. No.	**Features**	**Details**
1.	**Previous Allocation**	
	Name and Address of Allocatee	*Bhaskarpara Coal Company Ltd (BCCL) - a joint venture company formed by M/s Electrotherm (India) Ltd and M/s Ultratech Cement Ltd* *72, Palodia (Via Thaltej),* *Ahmedabad-382115,* *Gujarat*
2.	**Target Capacity as per Mining Plan**	***1.00 Mty***
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	*Mining Plan approved on 25.03.2010 as per Annexure provided*
	Forest Clearance	*FC Stage-I pending before State Govt.*
	Environmental Clearance	*Final grant pending for mandatory Stage-I Forest Clearance. Public Hearing completed on 19.12.2011*

	Mining Lease	*Mining Lease approval awaited from State Govt*
	Land Acquisition	*Govt. Land- Nil* *Tenancy Land- 257.55 Ha (248.11 Ha for compensatory afforestation)* *Forest Land- Nil* *Total- 257.55 Ha*
	No. of PAFs as per Mining Plan/ Mine Closure Plan	*960 as per R & R plan provided*
4.	Surface Infrastructure already built, if any.	*Nil*

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.