

# BUNDU COAL BLOCK SUMMARY

## PART A

Sr. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Coal Block	<b>BUNDU</b>
	Latitude	23° 42' 24" to 23° 43' 33" N (Provisional)   Topo Sheet No. 73 E/2
	Longitude	85° 07' 3" to 85° 10' 19" E (Provisional)
	Topo Sheet No.	73E/2 (R:F -1:50000) & special sheet nos. 22 and 25 (RF - 10000)
	Coalfield	North Karanpura Coalfield (JHARKHAND)
	Villages	Bundu, Kole, Loharsa
	Tehsil/ Taluka	
	District	Hazaribagh
State	JHARKHAND	
<b>2.</b>	<b>Connectivity with Block</b>	
	Nearest Rail Head	Nearest rail head is Kole and Hendegir at a distance of 04 km from the block
	Road	The Block can be approached from Kalayanpur on Khalari-Tandwa metalled Road by a kutchha road negotiable only during dry season (20 km.) OR From Hendegir village or railway Station located on southern bank of Damodar (about 04 km.) but a bridge over Damodar is required.
	Airport	Ranchi
<b>3.</b>	<b>Area</b>	
	Geological Block Area	5.41 Sq. Km (As per shape file. Refer Note No. 3)
	Mining Lease Area (As per Mining Plan)	567.5 ha
	Forest Area	464.51 Ha
	Non-Forest Area	103.22 Ha
<b>4.</b>	<b>Climate and Topography</b>	
	Average Annual Rainfall	Minimum-1514 mm
	Temp. (Min. – Max.)	Min.-09 °C to Max. 38 °C
	Local Surface Drainage Channels	The drainage of the block is controlled by the Damodar river flowing west to east towards southern part of the block. Kotli nala is flowing north to south and cuts the block in the western part.
	Rivers	Damodar River & Kotli Nala
<b>5.</b>	<b>Exploration</b>	
	Status	Explored
	Exploration Agency	CMPDI
	Total Number of Boreholes with meterage	59 nos., 6461.98 m.
	Borehole Density	10.39 BH/ sq. km. (59/5.68)
	General Dip of Seams	Dip-- 6° to 12° towards north
	General Strike Direction	Generally east - west

6.	<b>Geological Reserve: Proved – 66.069 Mt; Indicated – 36.199 Mt; Total – 102.268 Mt</b>			
	<b>Workable coal Seam details (As per the Mining Plan -Table 4.11 &amp; 4.16)</b>			
	Coal Seams/ Parting	Geological Reserve (Mte)	Extractable Reserve (Mte)	Grade Mining Method (UG/OC/Mixed)
	V - Top	4.884	32.167	E - G
	V - Bottom	7.257		D-UNG
	IV	2.358		C - G
	III	12.239		D - F
	II – B	5.438		D - G
	I –Top	8.108		D - F
	II – B + I – Top Comb.	4.817		E - F
	I - Middle	13.441		D - G
	I - Bottom	7.527		C - F
	<b>TOTAL</b>	<b>66.069</b>		<b>32.167</b>
	<b>Total OB (MCum)</b>		<b>172.504</b>	
<b>Stripping Ratio</b>		<b>5.36</b>		

**PART B**

Sr. No.	Features	Details
<b>1.</b>	<b>Previous Allocation</b>	
	Name and Address of Allocatee	Rungta Mines Ltd., Rungta House, Chaibasa – 833201. <i>Phone : 06582-256851 , Fax :06582 -256442</i>
<b>2.</b>	<b>Target Capacity as per Mining Plan</b>	<b>1.0 MTY.</b>
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan/ Mine Closure Plan	<i>Mine Plan approved vide MoC letter no. 13016/45/2003-CA/CA-I Dt. 25.05.2007 (Annexure II of Mining Plan).</i>
	Forest Clearance	<i>Forest Diversion Proposal has been prepared and submitted on 20.03.2013</i>
	Environmental Clearance	<i>Environment Clearance not available. Recommendation by EAC for Environment Clearance vide MOEF letter no.15011/150/2007-IA.II(M) dt.09-09-2009</i>
	Mining Lease	<i>Prior approval of Central Govt. under Section (1) of MMDR Act vide letter No. 13016/45/2003-CA-I,Dt. 25.09.2009, GOI,Ministry of Coal.</i>
	Land Acquisition	<i>12.41625 acre of Private Land acquired.</i>
	No. of PAPs as per Mining Plan	<i>29 families</i>
<b>4.</b>	Surface Infrastructure already built, if any.	<i>Nil</i>

Note:

- 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 coordinates 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.