

# RABODIH OCP COAL BLOCK SUMMARY

## PART A

Sr. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Coal Block	<b>Rabodih OCP</b> (However, as per GR, the name is Rabodh Block)
	Latitude	23° 43' 40"N to 23° 44' 59"N (Provisional)
	Longitude	85° 24' 33"E to 85° 26' 52"E (Provisional)
	Topo Sheet No.	73E/5 & 73E/6 (RF 1:50000)
	Coalfield	West Bokaro Coalfield
	Villages	Rabodh, Chiruatoli, Bhurkunda, Kodwa, Darbanatoli
	Tehsil/ Taluka	Not Available
	District	Ramgarh/Hazaribagh
	State	Jharkhand
<b>2.</b>	<b>Connectivity with Block</b>	
	Nearest Rail Head	Chainpur railway siding at about 10 Km east of the block connected by metalled road
	Road	Ranchi-Hazaribagh NH-33 at a distance of 6 Km
	Airport	Ranchi at a distance of about 60 Km from the block
<b>3.</b>	<b>Area</b>	
	Geological Block Area	6.04 Sq. Km (As per shape file; Refer Note No. 3)
	Mining Lease Area (As per Draft Mining plan)	458 Ha
	Forest Area	77 Ha
	Non-Forest Area	526 Ha
<b>4.</b>	<b>Climate and Topography</b>	
	Average Annual Rainfall	Not Available
	Temperature (Min. – Max.)	4° C - 45° C
	Local Surface Drainage Channels	Gerua Nadi, a tributary of Bokaro River, flowing from north to south forms the western boundary of the block
	Rivers	
<b>5.</b>	<b>Exploration</b>	
	Status	Explored
	Exploration Agency	CMPDI and GSI
	Total Number of Boreholes with meterage	116 nos. of Borehole with total meterage of 20035.10 m.
	Borehole Density	20 boreholes/ Sq. Km.
	General Dip of Seams	12° -19° dipping northerly in eastern and central part and north easterly in the western part
	General Strike Direction	East to West in the eastern & central part and swings to southwest in the western part

<b>6. Coal Seam Details</b>					
Coal Seams/ Parting	Thickness Range (m)	Net Geological Reserves (Mtes)	Extractable Reserves (Mtes) by OC as per draft Mining Plan	Grade	Mining Method (UG/OC/ Mixed)
XIII	<b>0.20-1.80</b>	Impersistent			
Parting	2.90-7.22				
XII	<b>0.79-4.30</b>	7.65	1.34	F-B	OC
Parting	2.50-15.80				
XIA	<b>0.24-1.54</b>	2.26	0.18	G-F	OC
Parting	1.45-16.87				
XI	<b>1.00-8.42</b>	13.23	2.13	G-D	OC
Parting	8.98-54.39				
XA	<b>0.10-2.50</b>	1.70	0.16	G-B	OC
Parting	5.40-37.07				
X	<b>0.20-4.85</b>	2.12	0.88	F-B	OC
Parting	5.73-54.48				
IX A	<b>0.05-3.00</b>	2.33	0.63	E-B	OC
Parting	1.30-14.03				
IX	<b>0.20-4.02</b>	10.28	2.26	F-B	OC
Parting	2.00-21.70				
VIII C	<b>0.18-2.45</b>	Impersistent			
Parting	0.50-26.20				
VIII B	<b>0.20-2.60</b>	Impersistent			
VIII B/C	<b>1.32-2.00</b>	Impersistent			
Parting	1.40-32.27				
VIII A	<b>0.10-1.70</b>	Impersistent			
Parting	0.63-17.39				
VIII	<b>0.32-3.70</b>	7.68	2.27	W-II to Ungraded*	OC
Parting	1.00-13.13				
VII C	<b>1.00-3.10</b>	Impersistent			
Parting	1.50-11.50				
VII B	<b>0.10-2.00</b>	Impersistent			
VII B/C	<b>0.70-3.00</b>	Impersistent			
Parting (Between VII B/C & VII A)	1.50-6.78				
Parting (Between VII C & VII A/B)	1.30-6.96				
VII A/B	<b>0.85-3.30</b>	Impersistent			
VII A	<b>0.25-1.50</b>	Impersistent			
Parting	0.70-12.71				
VII/VI	<b>2.33-7.32</b>	21.82	11.91	S-II to Ungraded*	OC
Parting	0.91-21.52				
VA	0.10-1.80	Impersistent			
Parting	2.47-17.40				
V	<b>3.00-14.30</b>	44.87	22.31	W-III to Ungraded*	OC

Parting	0.54-12.50				
IV	<b>0.40-4.10</b>	10.08	2.12	W-II to Ungraded*	OC
Parting	1.00-18.75				
III	<b>0.10-3.41</b>	6.58		W-I to Ungraded	
Parting	8.54-24.80				
II	<b>0.25-1.80</b>	2.57		W-II to Ungraded	
Parting	2.06-39.55				
I Comb.	<b>0.10-4.60</b>	Non workable			
I TOP	<b>0.30-3.02</b>	Non workable			
Parting	0.60-4.46				
I BOTTOM	<b>0.50-2.60</b>	Non workable			
<b>TOTAL COAL (Mte)</b>		<b>133.17</b>	<b>46.19</b>		
<b>Total OB(Mm3)</b>			<b>215</b>		
<b>Stripping Ratio (Cum/ te)</b>			<b>4.65</b>		

\*Under column 'Grade' in the above table, ungraded has been indicated against mineable seams as per the geological report.

#### PART B

Sr. No.	Features	Details
1.	<b>Previous Allocation</b>	
	Name and Address of Allocatee	<i>Jharkhand State Mineral Development Corporation Ltd. Khanij Nigam Bhawan, Doranda, Ranchi- 834002</i>
2.	<b>Target Capacity as per Draft Mining Plan</b>	<b>2.50 Mty</b>
3.	<b>Status of Clearances/Approvals</b>	
	Mining Plan/ Mine Closure Plan	<i>Not Approved</i>
	Forest Clearance	<i>Not Approved</i>
	Environmental Clearance	<i>Not Approved</i>
	Mining Lease	<i>Mining Lease not obtained</i>
	Land Acquisition	<i>Nil</i>
	No. of PAFs	<i>About 40 houses (as per draft mining plan)</i>
4.	Surface Infrastructure already built, if any.	<i>Nil</i>

Note:

1. The above data is compiled from Geological Report, Draft Mining Plan and the data furnished by the prior allottee in relevant Annexures, 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.