

RABODH COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Rabodh Block
	Latitude	23 ^o 43' 21" to 23 ^o 44' 57"
	Longitude	85 ^o 24' 18" to 85 ^o 26' 02"
	Topo Sheet No.	73E/5 & 73E/6 (RF 1:50000)
	Coalfield	West Bokaro Coalfield
	Villages	Not Available
	Tehsil/ Taluka	Not Available
	District	Ramgarh/Hazaribagh
	State	Jharkhand
2.	Connectivity with Block	
	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
3.	Area	
	Geological Block Area (as per Draft Mining Plan)	5.85 Sq. Km.
	Mining Lease Area (As per Draft Mining plan)	458 Ha
	Project Area	603 Ha
	Forest Area	77 Ha
	Non-Forest Area	526 Ha
4.	Climate and Topography	
	Average Annual Rainfall	Not Available
	Temperature (Min. – Max.)	4 ^o C - 45 ^o 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	
5.	Exploration	
	Status	Additional drilling required in the dip side
	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 ^o -19 ^o dipping northerly in eastern and central part and north easterly in the western part
	General Strike	East to West in the eastern & central part and swings to southwest in the

Direction	western part
-----------	--------------

6. Coal Seam Details						
	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	0.20-1.80	Impersistent			
	Parting	2.90-7.22				
	XII	0.79-4.30	7.65	1.34	F-B	OC
	Parting	2.50-15.80				
	XIA	0.24-1.54	2.26	0.18	G-F	OC
	Parting	1.45-16.87				
	XI	1.00-8.42	13.23	2.13	G-D	OC
	Parting	8.98-54.39				
	XA	0.10-2.50	1.70	0.16	G-B	OC
	Parting	5.40-37.07				
	X	0.20-4.85	2.12	0.88	F-B	OC
	Parting	5.73-54.48				
	IX A	0.05-3.00	2.33	0.63	E-B	OC
	Parting	1.30-14.03				
	IX	0.20-4.02	10.28	2.26	F-B	OC
	Parting	2.00-21.70				
	VIII C	0.18-2.45	Impersistent			
	Parting	0.50-26.20				
	VIII B	0.20-2.60	Impersistent			
	VIII B/C	1.32-2.00	Impersistent			
	Parting	1.40-32.27				
	VIII A	0.10-1.70	Impersistent			
	Parting	0.63-17.39				
	VIII	0.32-3.70	7.68	2.27	W-II to Ungraded*	OC
	Parting	1.00-13.13				
	VII C	1.00-3.10	Impersistent			
	Parting	1.50-11.50				
	VII B	0.10-2.00	Impersistent			
	VII B/C	0.70-3.00	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	0.85-3.30	Impersistent			
	VII A	0.25-1.50	Impersistent			
	Parting	0.70-12.71				
	VII/VI	2.33-7.32	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	3.00-14.30	44.87	22.31	W-III to Ungraded*	OC
	Parting	0.54-12.50				
	IV	0.40-4.10	10.08	2.12	W-II to Ungraded*	OC
	Parting	1.00-18.75				
	III	0.10-3.41	6.58		W-I to Ungraded	
	Parting	8.54-24.80				
	II	0.25-1.80	2.57		W-II to Ungraded	
	Parting	2.06-39.55				
	I Comb.	0.10-4.60	Non workable			
	I TOP	0.30-3.02	Non workable			
	Parting	0.60-4.46				
	I BOTTOM	0.50-2.60	Non workable			
	TOTAL COAL (Mte)		133.17	46.19		
	Total OB(Mm3)			215		
	Stripping Ratio (Cum/ te)			4.65		

*Under column 'Grade' in the above table, ungraded has been indicated against mineable seams as per the geological report; however, for the purpose of valuation of coal block, ungraded coal has been considered as non-coking coal & its grade (GCV) has been calculated based on the available ash and moisture content of the respective coal seam. The average grade so calculated for ungraded coal is G10 and for non-coking coal is G8.

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	<i>Jharkhand State Mineral Development Corporation Ltd. Khanij Nigam Bhawan, Doranda, Ranchi- 834002</i>
2.	Target Capacity as per Draft Mining Plan	2.50 Mty
3.	Status of Clearances/Approvals	
	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: The above data is compiled from Geological Report, Draft Mining Plan and the data furnished by the prior allottee in relevant Annexures