

JOGESHWAR COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details	
1.	Location		
	Coal Block	Jogeshwar Coal Block	
	Latitude	23 ^o 45'20" N to 23 ^o 46'36" N	As per the Geological Report
	Longitude	85 ^o 35'06" E to 85 ^o 37'58" E	
	Topo Sheet No.	73(E/9) on RF 1:50000	
	Coalfield	South Eastern part of West Bokaro Coalfield	
	Villages	Jogeshwar	
	Tehsil/ Taluka	Not available	
	District	Ramgarh	
	State	Jharkhand	
2.	Connectivity with Block		
	Nearest Rail Head	Nearest Rly Stn: Jogeshwar Bihar (on Gomoh-Barkakana loop line of South Eastern Rly) at a distance of about 2.5km south-west of the block	
	Road	Connected to National Highway 33 between Ranchi and Hazaribagh by Coal Trunk Road which is connected to block by an all weathered metalled road	
	Airport	Ghato Air Strip of TISCO Mines is located at a distance of about 7km from the block	
3.	Area		
	Geological Block Area	2.7 sq km	
	Mining Lease Area (As per Draft Mining Plan)	275.64 Ha	
	Project Area	169.10 Ha	
	Forest Area	115.20 Ha	
	Non-Forest Area	53.90 Ha	
4.	Climate and Topography		
	Average Annual Rainfall	1200mm	
	Temperature (Min. – Max.)	10 ^o C – 45 ^o C	
	Local Surface Drainage Channels	Bokaro River flows from west to east along the northern limit of the block. Besides this , four perennial nalas namely Lachman Hir, Bisramihir, Sankattwa and Hathwa Jharna are located in the eastern, central and western parts of the block respectively	
	Rivers	Bokaro River flows from west to east along the northern limit of the block	
5.	Exploration		
	Status	13 boreholes (BHs) drilled by MECL in 1991-94 and 5 BHs by GSI in 1966-73. More BHs are needed to confirm the entire area of the block	
	Exploration Agency	GSI and MECL	

Total Number of Boreholes with meterage	No of BHs – 18; Meterage – 3836.51m(within and outside the block)
Borehole Density	6.6 BHs/ sq km
General Dip of Seams	30 ⁰ due north
General Strike Direction	East-west

6. Coal seam details						
	Coal Seams/ Parting	Thickness Range(m)	Geological Reserve (Mtes)	Extractable Reserves (Mtes) by OC as per draft Mining plan	Grade	Mining Method (UG/OC/Mix ed)
	XII	0-0.80	--			
	Parting	--				
	XI	--	--			
	Parting	--				
	XA	0-0.38	--			
	Parting	10.05-12.00				
	X	2.50-4.20	4.692		W-III to W-IV	
	Parting	14.00-22.20				
	IXA	0.60-1.70	--			
	Parting	10.20-26.20				
	IX	0.20-4.80	2.909		W-III	
	Parting	7.00-25.65				
	VIIIC	0.27-1.15	--			
	Parting	5.63-29.68				
	VIIIB	0.25-1.00	--			
	Parting	0.45-29.59				
	VIIIA	0.40-1.41	--			
	Parting	8.42-38.50				
	VIII	0.35-5.85	6.010		W-I to Ungraded	
	Parting	4.55-11.10				
	VIIC	0.10-1.70	--			
	Parting	11.17-52.60				
	VII B	0.56-2.80	--			
	Parting	4.85-16.95				
	VIIA	0.08-1.50	--			
	Parting	7.80-17.11				
	VI/VII	3.50-13.15	12.794		W-IV to Ungraded*	OC
	Parting	23.80-39.09				
	V	3.60-11.23	24.003		W-III to Ungraded*	OC
	Parting	1.60-27.27				

	IV	1.20-2.40	5.862		W-III to Ungraded*	OC
	Parting	3.18-9.88				
	IIIA	0.07-0.75	--			
	Parting	14.73-44.07				
	III	4.14-9.92	21.256		W-IV to Ungraded*	OC
	Parting	6.38-17.35				
	IIB	0.20-2.15	--			
	Parting	7.05-14.80				
	L2	0.30-3.42	1.990		Ungraded	
	Parting	1.01-15.72				
	IIA	0.40-3.30	4.514		W-IV to Ungraded	
	Parting	0.71-26.73				
	LI	0.25-1.69	--			
	Total Coal (Mtes)		84.030	7.356**		
	Total OB(Mm3)			42.104		
	SR(m3/te)			5.72		

*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 non-coking coal is G9.

**Seam-wise extractable reserves not provided in the draft Mining Plan

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	<i>M/s Jharkhand State Mineral Development Corporation Ltd(A Govt of Jharkhand undertaking), Ranchi-834002, Jharkhand (India)</i>
2.	Target Capacity as per Mining Plan	0.60 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>NOT APPLIED</i>
	Land Acquisition	<i>NIL</i>
	No. of PAFs	<i>NIL(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, Mining Plan, Mine Closure Plan, Environmental Clearance and the data furnished by the prior allottee in relevant Annexures.