

JOGESHWAR & KHAS JOGESHWAR COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Jogeshwar & Khas Jogeshwar (However, name of block as per available GR is Jogeshwar)
	Latitude	23°45'31" N to 23°46'45" N (Provisional)
	Longitude	85°35'29" E to 85°37'58" E (Provisional)
	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	2.66 sq km (As per shape file; Refer Note No. 3)
	Mining Lease Area	275.64 Ha (As per Draft Mining Plan)
	Forest Area	115.20 Ha
	Non-Forest Area	53.90 Ha
4.	Climate and Topography	
	Average Annual Rainfall	1200mm
	Temperature (Min. – Max.)	10°C – 45°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, Bislamihir, 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	Partly Explored
	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 BHs/ sq km
	General Dip of Seams	30° 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.

**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:

1. 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, 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.