

LATEHAR COAL BLOCK SUMMARY

PART A

Sl. No	Features	Details
1.	Location	
	Coal Block	Latehar
	Latitude	23° 43' 57" N- 23° 46' 04" N (Provisional)
	Longitude	84° 26' 55" E- 84° 29' 20" E (Provisional)
	Topo Sheet No.	73 A/5
	Coalfield	Auranga
	Villages	Jalta & Parsahi (As per the
	Tehsil/Taluka	
	District	Latehar
	State	Jharkhand
2.	Connectivity with Block	
	Nearest Rail Head	The area is well connected with the rest of the country by Gomoh–Barkakana–Dehri-On-Son loop line of the Eastern Railway. Latehar railway station, about 1km south of the area, is the nearest railhead.
	Road	The area is connected by Ranchi–Daltonganj State Highway and is situated about 115km from Ranchi and 90km from Daltonganj, which is the headquarter of the Palamau district. The area is negotiable by two all-weather unmetalled roads which connect the main State Highway No. 48.
	Airport	Ranchi, located at a distance of about about 113km.
3.	Area	
	Geological Block Area	10.43 sq.km (As per shape file)
4.	Climate and Topography	
	Local Surface Drainage Channels	Auranga river flows from east to west along the southern margin and from south to north along the western margin of the area and forms the southern and western boundaries respectively of the Latehar block. The Auranga river, along with a number of small nalas flowing from north to south and east to west and joining it in the south and west, constitute the main drainage pattern of the area.
	Rivers	Auranga
5.	Exploration	
	Status	Regionally Explored
	Exploration Agency	GSI
	Total Number of Boreholes with meterage	15 Boreholes; 5231.00 m

	Borehole Density	Approx. 1.5 Boreholes/sq.km.			
	General Dip of Seams	The dip of the beds varies from 7° to 20° but locally near the fault planes the beds are tilted to as high as 60°.			
	General Strike Direction	The beds strike in northwest-southeast direction with north-easterly dip except in the southeastern part, where the strike of strata is E-W with northerly dip. Locally near the faults, strike and dip directions of beds are found to vary considerably.			
6.	Coal Seams & Reserve				
	Coal Seam Zones	Thickness Range (m)	Depth Range (m) (Floor)	Geological Reserve (MT) Proved Indicated	Grade
	E	0.70-11.55			D-G
	D	4.30-14.00		2.69	D-G
	C	3.40-30.10		5.06	D-G
	B	6.05-41.85		13.34	D-G
	A	10.80-43.80		0.95	C-F
		Total		22.04	
7.	Surface Constraints	NA			

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Jharkhand State Mineral Development Corporation
2.	Target Capacity as per Mining Plan	Mining Plan not available
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	NA
	Forest Clearance	
	Environmental Clearance	
	Mining Lease	
	Land Acquisition	
No. of PAFs as per Mining Plan/ Mine Closure Plan		
4.	Surface Infrastructure already built, if any.	--

Note:

1. The reserve is as per GSI Regional GR.
2. The boundary of the block has been taken from Regional GR of GSI 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.