

# CHORITAND TILAIYA COAL BLOCK SUMMARY

## PART A

Sr. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Coal Block	<b>Choritand Tiliaya</b>
	Latitude	23° 46' 13" N to 23° 47' 14" N (Provisional)
	Longitude	85° 37' 41" E to 85° 39' 04" E (Provisional)
	Topo Sheet No.	73 E/10
	Coalfield	West Bokaro Coalfield
	Villages	Tilaiya, Jogeswar, Dakasadam
	Tehsil/ Taluka	Gumia CD Block
	District	Bokaro
State	Jharkhand	
<b>2.</b>	<b>Connectivity with Block</b>	
	Nearest Rail Head	Danea railway station at a distance of about 1 Km from the block
	Road	Ranchi-Hazaribagh NH-33
	Airport	Ranchi at a distance of about 100 Km from the block
<b>3.</b>	<b>Area</b>	
	Geological Block Area	2.49 Sq. Km (As per shape file; Refer Note No. 3)
	Mining Lease Area	242 Ha (As per Mining plan)
	Forest Area	NIL (As per FSI toposheet)
	Non-Forest Area	100% (As per FSI toposheet)
<b>4.</b>	<b>Climate and Topography</b>	
	Average Annual Rainfall	1200 mm
	Temperature (Min. – Max.)	10° C - 45° C
	Local Surface Drainage Channels	Bokaro River flow from west to east
	Rivers	
<b>5.</b>	<b>Exploration</b>	
	Status	Explored
	Exploration Agency	MECL and GSI
	Total Number of Boreholes with meterage	46 nos. of Borehole with total meterage of 12614.80
	Borehole Density	19.0 boreholes/ Sq. Km.
	General Dip of Seams	15° -18° towards North West
	General Strike Direction	North East –South West

<b>6. Coal seam details</b>					
Coal Seams/ Parting	Thickness Range (m)	Geological Reserve (Mte)	Extractable Reserve as per Mining Plan(Mte)	Grade	Mining Method (UG/OC/ Mixed)
XII	<b>0.67-1.20</b>	Not estimated			
Parting	5.88-8.43				
XI	<b>0.10-0.85</b>	Non workable			
Parting	6.35-23.87				
XA	<b>0.12-1.20</b>	Non workable			
Parting	7.21-25.8				
X	<b>0.38-6.65</b>	7.826	5.81	W-III to Ungraded*	OC
Parting	12.15-48.61				
IX A	<b>0.10-2.40</b>	3.193	2.387	W-I to Ungraded*	OC
Parting	4.92-26.05				
IX	<b>0.12-4.55</b>	4.079	1.355	S-II to Ungraded*	OC
Parting	5.05-34.56				
VIII C	<b>0.10-2.86</b>	0.490		S-II to Ungraded	
Parting	9.02-40.09				
VIII B	<b>0.11-4.30</b>	Non workable			
Parting	3.81-33.98				
VIII A	<b>0.05-3.54</b>	Non estimated			
Parting	11.15-36.40				
VIII	<b>0.20-4.05</b>	2.825		W-I to Ungraded	Not provided
Parting	5.98-49.00				
VII C	<b>0.13-2.00</b>	Non workable			
Parting	7.69-58.60				
VII B	<b>0.10-2.31</b>	Non workable			
Parting	1.00-14.95				
VII A	<b>0.10-2.26</b>	Non estimated			
Parting	4.65-24.75				
VII/VI	<b>2.20-14.05</b>	9.512		W-III to Ungraded	Not provided
Parting	27.05-51.18				
V	<b>2.30-11.01</b>	19.257		W-II to Ungraded	UG
Parting	4.95-23.70				

IV	<b>0.77-6.50</b>	6.339		W-II to Ungraded	Not provided
Parting	0.86-19.00				
IIIA	<b>0.26-1.35</b>	Non workable			
Parting	16.07-27.31				
III	<b>4.50-12.06</b>	25.393		W-IV to Ungraded	Not provided
Parting	4.25-19.85				
IIB	<b>0.6-3.22</b>	5.072		W-III to Ungraded	Not provided
Parting	10.28-51.90				
II A	<b>0.09-5.70</b>	Non estimated			
Parting	11.66-36.65				
II TOP	<b>0.50-3.96</b>	4.399		Ungraded	Not provided
Parting	1.65-7.00				
II BOT	<b>1.55-2.00</b>	Non workable			
Parting with II A	10.65-43.76				
II(combined)	<b>3.10-15.40</b>	8.650		Ungraded	Not provided
Parting	37.60-54.88				
I	<b>0.45-3.16</b>	Not estimated			
<b>TOTAL COAL (Mte)</b>		<b>97.035</b>	<b>9.552</b>		
<b>Total OB(Mm3)</b>			<b>88.68</b>		
<b>Stripping Ratio (Cum/ te)</b>			<b>9.28</b>		

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

**PART B**

<b>Sr. No.</b>	<b>Features</b>	<b>Details</b>
<b>1.</b>	<b>Previous Allocation</b>	
	Name and Address of Allocatee	C T MINING PVT Ltd. 14 Viswakarma centre, behind carmel school, Bal bihar, sonari, Jamshedpur-831011, jharkhand
<b>2.</b>	<b>Target Capacity as per Mining Plan</b>	<b>0.78 Mty</b>
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan/ Mine Closure Plan	Approval obtained as per Annexure-Q provided by C T MINING PVT Ltd. Via ref No.:13016/331/2009-CA-I dated 18.02.2010
	Forest Clearance	Pending with state government
	Environmental Clearance	In principal approval of EMP
	Mining Lease	Mining Lease application pending with state Govt.
	Land Acquisition	102.66 Acre of land purchased for compensatory afforestation provided by C T MINING PVT Ltd. In Annexure - I
	No. of PAFs	This exercise is yet to be completed
<b>4.</b>	Surface Infrastructure already built, if any.	Nil

**Note:**

1. The above data is compiled from Geological Report, Mining Plan, Mine Closure 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.