

CHORITAND TILAYA COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Choritand Tilaya Block
	Latitude	23° 46' 10" to 23° 47' 22"
	Longitude	85° 37' 08" to 85° 39' 12"
	Topo Sheet No.	73E/9 (RF 1:50000)
	Coalfield	West Bokaro Coalfield
	Villages	Tilaiya, Jogeswar, Dakasadam
	Tehsil/ Taluka	Gumia CD Block
	District	Bokaro
	State	Jharkhand
2.	Connectivity with Block	
	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
3.	Area	
	Geological Block Area (as per Mining Plan)	2.42 Sq. Km.
	Mining Lease Area (As per Mining plan)	242 Ha
	Project Area	299.73 Ha
	Forest Area	127.35 Ha
	Non-Forest Area	172.38 Ha
4.	Climate and Topography	
	Average Annual Rainfall	1200 mm
	Temperature (Min. – Max.)	20° C - 45° C
	Local Surface Drainage Channels	Bokaro River flow from west to east
	Rivers	
5.	Exploration	
	Status	Additional drilling required for lower seams
	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	North East –South West

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

Parting	27.05-51.18				
V	2.30-11.01	19.257		W-II to Ungraded	UG
Parting	4.95-23.70				
IV	0.77-6.50	6.339		W-II to Ungraded	Not provided
Parting	0.86-19.00				
IIIA	0.26-1.35	Non workable			
Parting	16.07-27.31				
III	4.50-12.06	25.393		W-IV to Ungraded	Not provided
Parting	4.25-19.85				
IIB	0.6-3.22	5.072		W-III to Ungraded	Not provided
Parting	10.28-51.90				
II A	0.09-5.70	Non estimated			
Parting	11.66-36.65				
II TOP	0.50-3.96	4.399		Ungraded	Not provided
Parting	1.65-7.00				
II BOT	1.55-2.00	Non workable			
Parting with II A	10.65-43.76				
II(combined)	3.10-15.40	8.650		Ungraded	Not provided
Parting	37.60-54.88				
I	0.45-3.16	Not estimated			
TOTAL COAL (Mte)		97.035	9.552		
Total OB(Mm3)			88.68		
Stripping Ratio (Cum/ te)			9.28		

* 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.

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	<i>C T MINING PVT Ltd. 14 Viswakarma centre, behind carmel school, Bal bihar, sonari, Jamshedpur-831011, jharkhand</i>
2.	Target Capacity as per Mining Plan	0.78 Mty
3.	Status of Clearances/Approvals	

	Mining Plan/ Mine Closure Plan	<i>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</i>
	Forest Clearance	<i>Pending with state government</i>
	Environmental Clearance	<i>In principal approval of EMP</i>
	Mining Lease	<i>Mining Lease application pending with state Govt.</i>
	Land Acquisition	<i>102.66 Acre of land purchased for compensatory afforestation provided by C T MINING PVT Ltd. In Annexure - I</i>
	No. of PAFs	<i>This exercise is yet to be completed</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 and the data furnished by the prior allottee in relevant Annexures