

# TRANS DAMODAR MINE

## PART A

Sr. No.	Features	Details		
1.	Location			
	Coal Field	Barjora Coal Field		
	Latitude	23°26'15" N & 23°27'54" N		
	Longitude	87°17'20" E & 87°19'09" E		
	Villages	Shalgara, Gokul Mathura, Kishoripur, Jaysinghpur, Paharpur		
	Tehsil/ Taluka	Barjora		
	District	Bankura		
	State	West Bengal		
2.	Area			
	Geological Block Area	4.00 sq km		
	Project Area	294.86 (quarry area)		
	Mining Lease Area	379.34 hectares (as per mining plan)		
	Forest Area	NIL		
	Non Forest Area	379.34 hectares		
3.	Exploration			
	Status of Exploration	Explored		
	Exploration Agency	MECL		
	Total Number of Boreholes	34		
	Boreholes Meterage	3696.75 m		
	Borehole Density	8.5 per square km		
4.	Amount of Coal			
	Total Geological Reserves	61.73 MT		
	Total Mineable Reserves	48.40 MT		
	Seam Wise Reserve	Seam	Geological (MT)	Mineable (MT)
		III Top	-	
		III Bot	3.002	
		II Top	0.99	
		II Bot	5.67	
		II Combined	39.19	
		I	12.88	
5.	Coal Seams			
	Dip of Seam	4° to 6°		
	Direction of Strike	Major part of the sector the strike of the beds is almost north with minor swing However, in the south western part the strike of the strata is WNE-ESE to NW-SE.		
	Coal Seams	Coal Seam	Variation in Thickness (meters)	
		III Top	0.46-2.97	
		III Bot	0.40-3.88	
		II Top	1.17-1.52	

		II Bot	3.24-8.24
		II Combined	8.43-11.34
		I	1.20-3.32
	Partings	Average Thickness (in metres)	Usual (meters)
		Hard OB	-
		Parting between III Top and III Bot	4.37-15.25
		Parting between III Bot and II Top	-
		Parting between II Top and II Bot	1.29
		Parting between II Bot and II Combined	66.53-75.00
		Parting between II Combined and I	24.67-33.93
	Faults		
<b>6.</b>	<b>Grade</b>		
	Grade	Seam	Range
		III Top	F-F
		III Bot	C-F
		II Combined	C-F
		I	D-E
<b>7.</b>	<b>Accessibility</b>		
	Nearest Rail Head Distance	Durgapur, 5 km	
	Road	Durgapur Bankura State Highway	
	Airport Distance	Kolkata at about 180 km	
<b>8.</b>	<b>Hydrography</b>		
	Local Surface Drainage Channels		
	Rivers/ Nala	Damodar River, 3 Km from project area	
<b>9.</b>	<b>Climate</b>		
	Average Annual Rainfall	1380 mm	
	Temperatures (Winter)	15° to 22°	
	Temperatures (Summer)	25° to 43°	
<b>10.</b>	<b>Topography</b>		
	Topo Sheet Number	73-M/7	
	Nature of Surface Land	Undulating Topography	
<b>11.</b>	<b>Other Infrastructure</b>		
	Coal Handling Plant Capacity	Available	
	Coal Washery Capacity	Not Available	
	Transport from Mine	Road , 5000 TPD	
	Power Supply	Available	

## PART B

Sr. No.	Features	Details
<b>1.</b>	<b>Previous Allocation</b>	
	Name of Allocatee	West Bengal Mineral Development and Corporation Ltd.
	Address	West Bengal Mineral Development and Corporation Ltd 13, Nellie Sengupta Sarani, 2 <sup>nd</sup> Floor Kolkata-700087
	Nature of End Use	Various State Industries
<b>2.</b>	<b>Status of Mineral Exploitation</b>	
	Method of Mining	Opencast Mining
	Coal Extracted	1.08 MT ( till 31.03.2014)
	Mine Plan Extraction Rate	1 MTPA
	Average Stripping Ratio	6.83
	Mining Agency	M/s. Trans Damodar Coal Mining Pvt. Ltd.
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan(Reference to Grant)	13016/5/2002-CA dated- 14/01/2005 of MOC, Govt of India.
	Forest Clearance(Reference to Grant)	-
	Environmental Clearance(Reference to Grant)	No. J-11015/127/2007-IA.II(M) dated 21-06-2007
	Mining Lease (Reference to Grant)	
	Land Required	728.60 acres ( within Mining Block)
	Land Acquired	294.94 acres (within Mining Block)
	R&R Plan Approval	Not Available
	R&R Plan Achievement	-