

# UTKAL-A BLOCK SUMMARY

## PART A

Sr. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Coal Block	Utkal-A Block
	Latitude	20° 55' 51" to 20° 58' 42" N
	Longitude	84° 58' 50" to 84° 59' 26" E
	Topo Sheet No.	73 D/13 (R:F -1:50000)
	Coalfield	Talcher Coalfield
	Villages	
	Tehsil/ Taluka	
	District	Angul
	State	Orissa
<b>2.</b>	<b>Connectivity with Block</b>	
	Nearest Rail Head	Nearest rail head is Majika Railway Station at a distance of 14 km on Cuttack-Talcher-Sambalpur line.
	Road	Connected by all weather road to Angul (20Km) which lies on NH-5 connecting Bhubaneswar, Cuttack and Sambalpur.
	Airport	Bhubaneswar
<b>3.</b>	<b>Area</b>	
	Geological Block Area	4.73 Sq. Km ( As per Geological Report, CMPDIL RI-VII ,March 2004)
	Mining Lease Area (As per Mining Plan)	NA
	Project Area	NA
	Forest Area	NA
	Non-Forest Area	NA
<b>4.</b>	<b>Climate and Topography</b>	
	Average Annual Rainfall	Min: 14.78 mm Max: 331.25 mm
	Temp. (Min. – Max.)	Min. 9 °C to Max. 49 °C
	Local Surface Drainage Channels	Surface slopes generally from south to north towards Singhada Jhor. The Singhada jhor nala forming northern boundary of the block flows EW. In addition , two other small seasonal nalas (tributaries of Singhada Jhor) flows within the Block.
	Rivers	NA
<b>5.</b>	<b>Exploration</b>	
	Status	Explored
	Exploration Agency	CMPDI & MECL
	Total Number of Boreholes with meterage	64 nos., 8790.35 m.
	Borehole Density	13.5 BH/ sq. km.
	General Dip of Seams	Towards north (4-8 degree)
	General Strike Direction	East west with minor variation

<b>6. coal Seam details (As per the GR)</b>							
	Coal Seams/ Parting	Thickness Range(m)	Depth Range	Geological Reserve (Mte)		Grade	Mining Method (UG/OC/Mixed)
	XI	13.20-16.70		15.709		F-G	NA
	X	4.01-7.32		7.204		G	
	IX	21.36-31.48		30.075		D-G	
	VIII	4.36-12.96		18.487		F-G	
	<b>VIII+IX</b>			60.281		F-G	
	VII B	2.19-5.73		14.050		E-G	
	VII A	0.35-3.25		1.597		E-G	
	V B	0.49-5.59		14.345		E-G	
	V A			7.589			
	V A+B			3.770		F-G	
	IV B	1.08-7.27		20.865		F-G	
	III ET	1.10-3.03		8.589		E-G	
	III EB	1.54-2.83		2.368		F-G	
	III D	4.42-5.66		4.493		G	
	III AT	0.15-2.43		1.986		E-G	
	III AB	0.14-4.24		6.167		D-G	
	III ET+ EB			1.769		G	
	III ET+EB+D			2.125		G	
	III EB+D			17.017		F-G	
	III EB+D+AT			35.460		F-G	
	III ET+EB+D+AT+AB			3.103		F	
	II EB+D+AT+AB			2.486		G	
	III AT+AB			0.192		F	
	II E	0.30-7.05		20.313		E-G	
	II D	0.19-5.63		8.363		E-G	
	II E+D			14.858		E-G	
	II C	0.10-3.02		3.016		E-G	
	II A	0.12-2.15		6.569		D-G	
	TOTAL			<b>332.846</b>			
	<b>Total OB (MCum)</b>			<b>389.603</b>			
	<b>Stripping Ratio</b>			<b>1.171</b>			

**PART B**

<b>Sr. No.</b>	<b>Features</b>	<b>Details</b>
<b>1.</b>	<b>Previous Allocation</b>	
	Name and Address of Allocatee	Mahanadi Coalfields Ltd. (MCL), JSW Steels Ltd., Jindal Thermal Power Corp. Ltd., Jindal Stainless Steels Ltd., Shyam DRI Ltd.
<b>2.</b>	<b>Target Capacity as per Mining Plan</b>	<b><i>As per the Mining Plan for Gopalprasad OCP in Utkal-A and Western part of Gopalprasad (W) blocks taken together, the target capacity is 15 Mty.</i></b>
<b>3.</b>	<b>Status of Clearances/Approvals</b>	
	Mining Plan/ Mine Closure Plan	NA
	Forest Clearance	NA
	Environmental Clearance	NA
	Mining Lease	NA
	Land Acquisition	NA
	No. of PAPs as per Mining Plan	NA
<b>4.</b>	Surface Infrastructure already built, if any.	NA

Note: For taking any decision, data may be cross checked/validated from Geological Report, Mining Plan, Mine Closure Plan, Environmental Clearance and Forest Clearance, and the data furnished by the prior Allotee in Annexure - I/II