

UTKAL-C COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Utkal C
	Latitude	20°56'12" N & 20°58'47" N (Provisional)
	Longitude	84°57'05" E & 84°58'59" E (Provisional)
	Topo Sheet No.	73D/13
	Coalfield	Talchar Coalfield
	Villages	Rajharan, Nandichor, Similisahi, Golagodia (As per the Mining Plan)
	Tehsil/ Taluka	Chhendipada
	District	Angul
State	Orissa	
2.	Connectivity with Block	
	Nearest Rail Head	Angul 16 Km
	Road	Angul - Chhendipada road, 400 m away
	Airport	Bhubneshwar
3.	Area	
	Geological Block Area	7.53 sq.km (As per shape file; Refer Note No. 3)
	Mining Lease Area	576.55 Ha (As per Mining Plan)
	Forest Area	156.81 Ha
	Non-Forest Area	419.74 Ha
4.	Climate and Topography	
	Average Annual Rainfall	307.6 mm
	Temperature (Min. – Max.)	9° – 49°
	Local Surface Drainage Channels	Singhada Jhor along northern boundary of the block
	Rivers	Brahmini River 17 Km away from Block
5.	Exploration	
	Status	Explored
	Exploration Agency	CMPDI
	Total Number of Boreholes with meterage	96 Boreholes 14364 m
	Borehole Density	12
	General Dip of Seams	4° to 8° towards north
	General Strike Direction	E-W swings to ESE-WSW

6.	Geological Reserve: 196.347 Mt (upto Seam IIA as per GR) Workable Coal Seam Details (As Considered in Mining Plan)						
	Number of Coal Seams	Thickness Range(m)	Depth Range(m)	Geological Reserve(MT)	Extractable Reserve(MT)	Mining Method (UG/OC/Mixed)	
	XI	8-10	8.3-39.6	3.169	123.86	G	OC
	X	4-5	6.1-59.3	2.40		F-G	OC
	IX	18-33.85	10.15-99.74	40.339		F-G	OC
	VIII	8-10	6.0-132.78	16.607		G	OC
	IX & VIII COMB.	36-48		57.06		F-G	OC
	VII B	3-5	9.37-145.62	6.32		F	OC
	VIIA	1-3	16.1-153.9	2.76		G	OC
	VIB	0.7-1.5	35.8-169	1.00		F-G	OC
	VB	2-4.0	13.54-175.4	7.17		G	OC
	VA	1.5-2.5	16.7-181.7	6.11		F	OC
	IVB	1-3	17.85-189.7	7.16		G	OC
	IIIE TOP	1-3	19.5-201.67	6.985		F-G	OC
	IIIE BOT	2-5.0	22-205.9	13.609		F-G	OC
	IIID	4-7	10-212.7	18.683		F-G	OC
	IIIATOP	0.5-2.0	8.9-220.6	4.225		F-G	OC
	IIIA BOT	0.3-1.0	10.5-223.26	3.62		F	OC
	IIIE	2-5	14.35-225.29	15.619		F-G	OC
	Total Coal (MT)					123.86	
	Total OB (MCum)				208.57		
	Stripping Ratio (cum/t)				1.68		

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allottee	Utkal Coal Limited, IMFA Building, Bomikhal, P.O. Rasulgarh, Bubneshwar, PIN: 751010
2.	Target Capacity as per Mining Plan	3.37 MTPA
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	13016 Date 23/06/2005
	Forest Clearance	8-25/2010-FC Date: 7/10/2011 8-25/2010-FC Date: 2/05/2012 8-25/2010-FC Date: 23/05/2012
	Environmental Clearance	J-1105/134/2006-IA.II(M) Dated 5/10/2006 Modification to above Dated 28/07/2009
	Mining Lease	Lease Grant status not available
	Land Acquisition	590.91 Ha
	No. of PAFs as per Mining Plan/ Mine Closure Plan	143
4.	Surface Infrastructure already built, if any.	R&R Colony, Site administrative office, Washery boundary wall,(Annexure I)

Note:

1. The above data is compiled from Geological Report, Mining Plan, Mine Closure Plan, Environmental Clearance and Forest Clearance and the data furnished by the prior allottee in Annexure-I/II, 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 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.