

NUAGAON TELISAH I COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	NUAGAON TELISAH I Block
	Latitude	21° 5'30" to 21° 7'30"
	Longitude	84°42'0" to 84° 45'30"
	Topo Sheet No.	73C/12 & 73C/16(R.F. 1:50,000)
	Coalfield	Talcher Coalfield
	Villages	Nuagaon, Telisahi, Jaripal, Budhapal, Marudipa & Karnapal
	Tehsil/ Taluka	NA
	District	Angul
	State	Odisha
2.	Connectivity with Block	
	Nearest Rail Head	The nearest rail head Angul on Sambalpur-Bhubaneshwar broad gauge loop of Eastcoast Railway is about 55 km from the the block.
	Road	Block is well connected to district headquarter Angul via Chhendipada at a distance of 55 km by all-weather road. Located at a distance of 15 km from Chhendipada village. Cuttack-Sambalpur National Highway (NH-42) passes through the district headquarter Angul.
	Airport	Bhubaneshwar at about 185 Km
3.	Area	
	Geological Block Area	15.0 Sq. Km.
	Mining Lease Area (As per Mining Plan)	
	Project Area	
	Forest Area	
	Non-Forest Area	
4.	Climate and Topography	
	Average Annual Rainfall	71 cm to 186 cm
	Temp. (Min. – Max.)	Maximum 45°C or even higher.
	Local Surface Drainage Channels	The drainage in the block is mainly controlled by easterly flowing Aunli Nadi which flows along the south eastern to eastern margin of the block. Nuthurani Nala flowing along the north-western boundary of the block, joins Aunli Nadi in the northeast outside of the block. There are few seasonal nalas within the block, which ultimately join Aunli Nadi.
	Rivers	Aunli Nadi & Nuthurani Nala
5.	Exploration	
	Status	Explored.
	Exploration Agency	GSI and MECL
	Total Number of Boreholes with meterage	128 boreholes with total meterage 29912.3 m.
	Borehole Density	8.5 boreholes/ Sq. Km. (128/15)

	General Dip of Seams	3 ^o -8 ^o dipping towards North					
	General Strike Direction	Generally East-West. In the north eastern part the strike swings to NW-SE.					
6.	Workable coal Seam details (As per GR)						
	Coal Seams/ Parting	Thickness Range(m)	Depth Range	Geological Reserve (Mte)	Extractable Reserve (Mte)	Grade	Mining Method (UG/OC /Mixed)
	IX	0.67-5.98	16.99-43.17	5.253		F-G	OC
	Parting	51.29-65.95					
	VIII	0.68-4.30	13.95-178.04	57.192		D-G	OC
	Parting	0.90-5.63					
	VII	0.07-1.97	22.18-182.56	1.112		F-G	OC
	Parting	9.18-23.69					
	VI TOP	0.84-4.70	35.48-137.87	14.913		D-G	OC
	Parting	0.58-4.56					
	VI MID	2.81-10.60	41.97-147.00	61.869		F-G	OC
	Parting	0.98-7.95					
	VI (TOP+MID)	4.61-12.10	40.21-213.27	90.165		E-G	OC
	Parting	1.35-6.33					
	VI BOT-B2	0.86-2.80	51.25-102.37	6.159		F-G	OC
	Parting	1.02-4.65					
	VI BOT-B1	0.89-2.38	54.87-105.02	6.724		F-G	OC
	Parting	6.71-26.65					
	VI B (COMB.)	0.30-4.46	45.22-218.15	36.788		E-G	OC
	Parting	1.22-42.27					
	VI (COMB.)	8.62-12.40	115.20-125.09	4.169		F-G	OC
	Parting	12.43-14.27					
	III TOP-T2	0.46-6.75	62.23-254.70	20.115		D-G	OC
	Parting	0.78-9.37					
	III TOP-T1	0.55-6.63	70.12-263.72	28.452		D-G	OC
	Parting	1.04-18.14					
	III TOP (COMB.)	2.98-10.82	97.17-165.50	30.535		E-G	OC
	Parting	1.10-7.32					
	III MID	1.35-9.77	84.88-269.55	89.877		D-G	OC
	Parting	1.52-27.73					
	LOCAL-1	0.14-2.56	105.67-286.56	10.638		D-G	OC
	Parting	1.12-15.48					
	III BOT-B2	2.66-10.82	136.68-293.85	60.166		D-F	OC
	Parting	1.02-26.36					
	III BOT-B1 (TOP)	0.96-2.15	163.66-262.50	2.431		E-F	OC
	Parting	1.26-2.36					
	III BOT-B1 (BOT)	1.25-4.16	166.82-266.98	3.306		E-F	OC
	Parting	7.38-13.74					
	III BOT.B1 (COMB)	2.12-10.16	148.60-317.17	69.090		E-G	OC
	Parting	3.32-15.92					
	III BOT (COMB)	8.60-16.64	132.66-195.33	116.415		E-G	OC
	Parting	3.70-13.49					
	II TOP T2 (TOP)	0.76-6.15	142.00-287.01	11.722		E-G	OC
	Parting	0.34-2.20					

	II TOP T2 (BOT)	1.40-5.43	146.59-289.47	9.427		E-F	OC
	Parting	1.35-5.07					
	II TOP T2 (COMB)	1.30-10.21	156.07-338.60	100.330		E-G	OC
	Parting	0.46-6.54					
	II TOP-T1	0.58-7.20	151.76-345.56	59.509		E-G	OC
	Parting	6.88-12.36					
	II BOT B2	0.10-1.91	177.66-277.43	8.247		D-G	UG
	Parting	5.20-32.67					
	I TOP	0.22-2.95	199.70-297.75				
	Parting	0.96-10.13					
	I MID	0.37-1.90	208.75-301.98				
	Parting	2.22-20.60					
	I BOT	0.10-1.55	215.45-322.78				
	TOTAL COAL (Mte)			904.597			
	Total OB(Mm3)			2562.923			
	Geological Stripping Ratio (Cum/ te)			2.877			

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allocatee	Odisha Mining Corporation, Andhra Pradesh Mineral Development Corporation (APMDC)
2.	Target Capacity as per Mining Plan	NA
3.	Status of Clearances/Approvals	
	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
4.	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