This supersedes earlier uploaded Summary

UTKAL B2 COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	UTKAL B 2 COAL BLOCK
	Latitude	$20^{O}57'75''$ N to $20^{O}58'30''$ N
	Longitude	$84^{O}57'44''$ E to $84^{O}58'15''$ E
	Topo Sheet No.	73 D/13
	Coalfield	TALCHER CF, Angul Dist. Orissa.
	Villages	Raijharan, Kanshidip,Tangarasahi (all in the southern part) Golagaria (in central part).
	Tehsil/ Taluka	Chhendipada
	District	Angul
	State	Odisha
2.	**Connectivity with Block**	
	Nearest Rail Head	**Angul- 27 Km, on Cuttack-Talcher-Sambalpur line**
	Road	**Angul-Chendipada State Highway – 63, is adjoining the mining lease**
	Airport	
3.	**Area**	
	Geological Block Area	120 Ha.
	Mining Lease Area (As per Mining Plan)	120 Ha.
	Project Area	120 Ha.
	Forest Area	22.09Ha.
	Non-Forest Area	97.91 Ha.
4.	**Climate and Topography**	
	Average Annual Rainfall	67 cm to 214 cm
	Temperature (Min. – Max.)	9° C to 49° C
	Local Surface Drainage Channels	Singhada Jhor (nala) forms the Northern boundary of block flowing towards east and draining into southerly flowing Brahmani river .
	Rivers	Singhada Jhor (nala) drains in Brahmani river in the east.
5.	**Exploration**	
	Status	Proved category of Reserves.
	Exploration Agency	CMPDI May 2000
	Total Number of Boreholes with meterage	23 Boreholes; 4047.10m
	Borehole Density	19 boreholes/ Sq. km.
	General Dip of Seams	North (4° to 8°)
	General Strike Direction	East-West with minor variations.

6.	**Workable coal Seam details (As per the Mining Plan)**						
	Coal Seams/ Parting	Thickness Range	Depth Range	Geological Reserve (Mt.)	Extractable Reserve	Grade	Mining Method (UG/OC/Mixed)
	Seam XI	11.22 - 14.28	23.50-43.42	3.8317		F - G	OC
	Parting	5.29 - 7.94					
	Seam X	2.61 - 5.67	14.40-61.65	2.3784		G	OC
	Parting	18.21-36.70					
	Seam IX	18.20-34.51	11.19-89.47	28.0704		F	OC
	Parting	0.13-3.85					
	SeamVIII	2.93-12.90	11.00-119.70	10.5037		G	OC
	Parting	3.55-16.69					
	Seam IX + VIII	to-45.47	-to68.89			F	OC
	Seam VII B	1.98-5.00	9.3-133.40	5.9429		E - F	OC
	Parting	4.48-9.65					
	Seam VIIA	0.25-5.10	20.22-143.36	1.6759		G	OC
	Parting	9.31-24.12					
	Seam VI B	0.08-1.17	44.67-160.14	0.6318		E - G	OC
	Parting	2.77-10.43					
	Seam V B	1.70-5.45	49.05-164.70	5.9120		G	OC
	Parting	0.27-5.25					
	Seam V A	0.20-5.25	54.47-170.55	4.2266		F	OC
	Parting	3.20-6.88					
	Seam IV B	0.42-4.30	62.57-177.23	3.1798		G	OC
	Parting	2.18-10.68					

	Coal Seams/ Parting	Thickness Range	Depth Range	Geological Reserve (Mt.)	Extractable Reserve	Grade	Mining Method (UG/OC/Mixed)
	Seam IIIE Top	1.21-3.69	16.20-187.16	4.0092		F – G	OC
	Parting	0.77-4.19					
	Seam IIIE Bot	0.60-6.81	21.60-190.88	6.7005		F	OC
	Parting	0.22-7.45					
	Seam III D	3.70-8.62	29.65-196.77	12.2338		F	OC
	Parting	0.27-4.23					
	Seam III A Top	0.55-3.01	88.05-203.55	3.2934		G	OC
	Parting	0.39-3.89					
	Seam III A Bot	0.14-4.69	92.56-206.64	2.9811		F – G	OC
	Parting	4.09-16.78					
	Seam III (E Top+ E Bot+D+A Top)	-to17.37	-to142.53			G	
	Seam III (E Top+ E Bot+D)	-to 7.04	-to104.45			F	
	Seam III (E Top+ E Bot)						
	Seam III (E Bot + D)	9.07-11.05	74.75-110.98			F – G	
	Seam III (E Bot+D+A Top)	14.05-14.95	117.59-166.32			F – G	
	II E	1.43-7.31	50.05-215.15	11.0397		F – G	OC
	Parting	1.82-12.77					
	II D	0.19-1.75	119.96-229.22	4.1073		F	OC
	Parting	4.86-16.87					
	II C	0.05-1.25	128.62-241.20	0.7451		D - G	OC

	Coal Seams/ Parting	Thickness Range	Depth Range	Geological Reserve (Mt.)	Extractable Reserve	Grade	Mining Method (UG/OC/Mixed)
	Parting	13.58-22.20					
	II B	0.12-0.66	177.44-261.70	0.5437		E - F	OC
	Parting	1.51-2.19					
	II A	0.50-1.47	165.20-264.55	2.33		F	OC
	Total coal (Mt)			114.337	70.17		
	Total Overburden (Mcum)				77.93		
	Stripping Ratio (cum/t)				1.111		

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	Monnet Ispat & Energy Ltd
	Name and Address of Allocatee	Monnet Ispat & Energy Ltd. Third Floor,Mohta Building 04,Bhikaji Cama Place New Delhi -110066 Ph: 011-6176705-09
2.	**Target Capacity as per Mining Plan**	***2.2 Mty***
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	*Mining Plan (August2000) Approved letter no. 13016/6/2000-CA-1 dt 25-10-2001 & Mine Closure Plan (Sept.2012).*
	Forest Clearance	*Letter no. 5-ORCO70/2008-BHU Dt.21.07.2011*
	Environmental Clearance	*Letter no. J-11015/108/2005-IA.II(M) dt 28/07/2006*
	Mining Lease	
	Land Acquisition	*Land required = 120 Ha. : Land acquired =112.51 Ha.*
	No. of PAFs as per Mining Plan/ Mine Closure Plan	*As per Mining Plan of Aug 2000 , a total of 70 families will be displaced.*
4.	Surface Infrastructure already built, if any.	*No details provided.*

Note: 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-II.