

CHITARPUR COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details	
1.	Location		
	Coal Block	CHITARPUR Coal Block	
	Latitude	23° 44' 47.733" N & 23° 46' 03.324" N	Existing information about bounding coordinates has been converted to WGS84 system by CMPDI
	Longitude	84° 46' 01.711" E & 84° 48' 46.670"E	
	Topo Sheet No.	73A/13 & 73A/14	
	Coalfield	North karanpura Coalfields	
	Villages	Chitarpur, Chakla, Dhadhu	
	Tehsil/ Taluka		
	District	Latehar	
	State	Jharkhand	
2.	Connectivity with Block		
	Nearest Rail Head	Tori RS, 10 Km. from Block	
	Road	Highway 99, Chandwa-Balumath passes through block	
	Airport	Ranchi	
3.	Area		
	Geological Block Area	553.69 Ha	
	Mining Lease Area (As per Mining Plan)	555.34 Ha	
	Project Area	785.77 Ha	
	Forest Area	185.88 Ha	
	Non-Forest Area	369.46 Ha	
4.	Climate and Topography		
	Average Annual Rainfall	1200 to 1400 mm	
	Temperature (Min. – Max.)	5°C to 45°C	
	Local Surface Drainage Channels	Barki Nadi (Nala) flows through western and northern boundary	
	Rivers	No	
5.	Exploration		
	Status	Explored	
	Exploration Agency	GSI & CMPDI	
	Total Number of Boreholes with meterage	159 21191 m	
	Borehole Density	28.65	
	General Dip of Seams	15° to 50°	
	General Strike	WNW-ESE	

Direction							
6.	Workable coal Seam details (As per the Mining Plan)						
Coal Seams/ Parting	Thickness Range(m)	Depth Range(m)	Geological Reserve(MT)	Extractable Reserve(MT)	Grade	Mining Method (UG/OC/Mixed)	
V	15-24.97	14-146	29.03	24.82	F-G	OC	
II MERGED	14.04- 31.55	21.5- 524.52	20.76	18.12	F	OC	
II TOP	1.20-4.60		0.56	0.45	F	OC	
II MIDDLE	2.10-4.04		0.77	0.62	F	OC	
II BOTTOM	13.0- 29.60		4.898	4.23	F-G	OC	
I-E	4.1-10.64	19.88- 402.04	1.19	0.96	G	OC	
I-A	4.49-11.6	13.3- 426.4	6.61	5.355	G	OC	
IV	1.4-7.8	13.6- 367.17	0.40	0.32	G	OC	
III TOP	0.53-9.8	160- 469.22	4.11	3.33	G	OC	
I-D	0.6-4.44		0.33	0.27	G	OC	
I-C	0.34-2.25		0.23	0.19	G	OC	
Additional Extractable reserve in 29.5 Ha area later appended by MoC				2.49	F-G	OC	
Total Geological Reserves in the Block (MT)					174.62		
Geological Reserves considered for OC (MT)					68.888		
Total Extractable Coal (MT)					61.155		
Total OB (MCum)					148.14		
Strip Ratio (Cum/Te)					2.42		

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name and Address of Allottee	Corporate Ispat Alloys Limited (Abhijeet)
2.	Target Capacity as per Mining Plan	3.45 MTPA
3.	Status of Clearances/Approvals	
	Mining Plan/ Mine Closure Plan	47011/1(18)2000-CPAM/CA, 15/05/2012
	Forest Clearance	Stage I, (A)8-102/2011-FC; (B)8-102/2011-FC; (C)PCCF_ED WLB, Date: 22/02/2013
	Environmental Clearance	For 2 MTPA Capacity only; J-11015/254/2006-IA.IIM
	Mining Lease	Yet to be granted
	Land Acquisition	641.76 Ha as on 21/10/2014
	No. of PAFs as per Mining Plan/ Mine Closure Plan	152
4.	Surface Infrastructure already built, if any.	CHP & Coal Washery on completion stage as per data submitted

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-I/II. For clarifications with regard to above data, please refer aforesaid source documents.