

JAMUI BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Jamui
	Latitude	23° 15' 55" N - 23° 18' 02" N (Provisional)
	Longitude	81° 22' 59" E - 81° 25' 24" E (Provisional)
	Topo Sheet No.	64E/7
	Coalfield	Sohagpur Coalfield
	Villages	Gortara, Jamua, Fatehpur, Jamui
	Tehsil/Taluka	Sohagpur
	District	Shahdol
	State	Madhya Pradesh
2.	Connectivity with	
	Nearest Rail Head	Shahdol is the nearest Railway Station situated in Bilaspur-Katni section of SE Railway.
	Road	The area is well connected by road with Shahdol, District Headquarters. Fair weather jeepable roads also interconnect the small villages in the area.
	Airport	
3.	Area	
	Geological Block Area	14.7 sq. km. (As per shape file. Refer note below)
	Forest Area	0.62 sq km as per FSI map
	Non-Forest Area	14.11 sq km
	Climate and Topography	
	Average Annual Rainfall	The mean annual average rainfall of Shahdol district is recorded as 888.10 mm
4.	Temperature (Min. - Max.)	The average mean maximum temperature of 38°C was recorded during the month of May and average mean minimum temperature of 15 °C during the month of January.
	Local Surface Drainage Channels	Westerly flowing Tanki nala in the north-western part of the area.
	Rivers	No major river.

5.	Exploration				
	Status	Explored			
	Exploration Agency	CMPDI			
	Total Number of Boreholes with meterage	117 boreholes and 50,085.53m			
	Borehole Density	8 boreholes per sq. km.			
	General Dip of Seams	A gentle dip of about 2.3° to 3° towards north-east.			
	General Strike Direction	Mainly NW-SE & N-S			
	Faults	Total 9 faults have been interpreted in the block with throw varying from 0 m to 200 m.			
6.	Coal Seams & Reserve				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (Mt)	Grade
	RVII	0.58-1.38	22.98- 39.53		G16-G14
	RVI	0.59-0.80	15.70- 53.23		G14-G11
	RV	0.28-1.24	34.91- 87.38		G16
	RIV	0.46-1.64	5.48-107.86		G17-G11
	RIID	0.13-1.87	7.23- 131.78	8.9735	G16-G9
	RIIC	0.21-5.10	1.75-140.91	18.6495	G15-G6
	RIIB	0.22-8.02	7.26- 104.60	15.4658	G17-G7
	RIIB2	2.01-5.02	33.99-145.88		G14-G11
	RIIB1	0.87-3.56	38.59-154.33		G13-G9
	RL1	0.18-2.26	47.22-170.24		G12-G11
	RIIA	0.13-3.74	6.96-195.29	7.1757	G17-G3
	RIIB	0.10-3.10	13.15-129.50	12.55	G17-G5
	RIIA	0.20-3.58	10.27-194.02	20.4689	G16-G7
	RID	0.10-1.16	42.47-144.10	6.8229	UG-G7
	RIC	0.08-1.40	40.75-156.00		G16-G12
	RIB	0.09-1.04	80.68-157.22		UG-G13
	RIA	0.17-1.73	81.27-127.38		G16-G11
	V	0.16-1.92	277.94-394.0	10.454	G15-G9
	IV	0.11-3.01	218.05-572.95	27.6738	G12-G2
	L2	0.03-2.65	251.55-610.76	18.3116	G11-G4
	IIICOM	1.00-7.07	313.54-473.00	16.7384	G10-G3

	IIIT	1.81 -6.91	278.42-644.78	32.9017	G10-G3
	IIIM	0.44-0.50	298.05-596.68		G15
	IIIB	0.15 -1.95	283.10-651.97	12.2833	G16-G4
	II	0.05-1.37	311.66-480.48		G8-G7
	I	0.02-1.31	353.84-534.26		G7-G6
	L1T	0.03-1.45	369.02-663.53		G9-G6
	L1B	0.14-0.89	395.28 -666.15		G17
	Total			208.469	
7.	Surface Constraints	Protected Forest; Main Power line; Tanki Nala; Highway; Protected Forest; Pond; Jamua, Gortara, Jamui villages			
8.	Grade of Coal	G9 (Provisional) based on weighted average grade as per grade-wise data available in Draft GR.			
9.	Decision Support System (DSS) Analysis	Hydrology info: The polygon touches wetland more than 10 hectare area. Tanks, (Area-19.20)			
10.	Eco Sensitive Zone (ESZ)	The ESZ boundary of BANDHAV GARH Tiger is approx.27 km from N-W block boundary. Also the tiger corridor between the TRPA of Kahna-Boramdev is approx. 12.3 km from S-W block boundary.			

PART B

Sr.No.	Features	Details
1.	Tentative Peak Rated Mine Capacity	1 MTPA

Note:

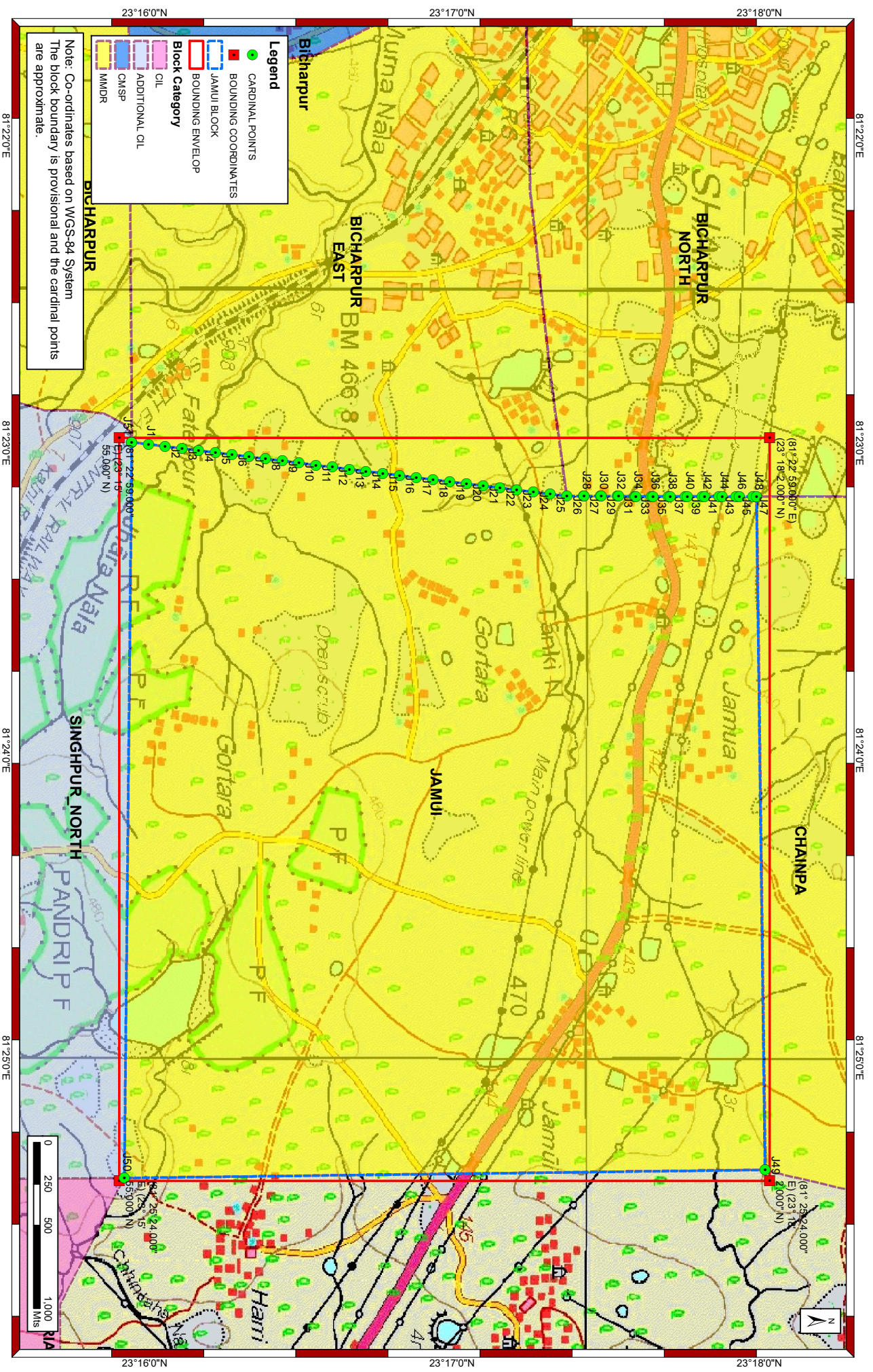
1. The summary has been compiled from Draft Geological report on Coal Exploration in Jamui Block, Sohagpur coalfield, Shahdol District, Madhya Pradesh. APC, June 2020.
2. The structure, seam details, reserve details may vary after finalization of the GR.
3. Block boundary and cardinal points are provisional and shall be finalized after DGPS Survey of Boundary.

Disclaimer:

1. The analysis is done on Beta-version (Trial Version) of Decision Support System (DSS) of FSI / MOEF.
2. The Decision Rules for various parameters of this DSS System are controlled by FSI.
3. CMPDI only runs this DSS to obtain the status of any block based on these Decision Rules.
4. The database of the Decision Rules is updated by FSI from time to time.
5. CMPDI does not own any responsibility for variation in the results which are based on the Decision Rules of the FSI DSS in case of any updation of the database at FSI end.
6. ESZ analysis and tiger habitat/ corridor given here is based on the information available in public domain. Bidders are encouraged to verify this information and any other information additionally available.

**JAMUI BLOCK
SOHAGPUR COALFIELD**

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Provisional cardinal points for Jamui Block, Sohagpur coalfield

Point	Longitude	Latitude
J1	81° 23' 0.227" E	23° 16' 0.686" N
J2	81° 23' 0.633" E	23° 16' 3.954" N
J3	81° 23' 1.038" E	23° 16' 7.221" N
J4	81° 23' 1.443" E	23° 16' 10.488" N
J5	81° 23' 1.849" E	23° 16' 13.756" N
J6	81° 23' 2.254" E	23° 16' 17.023" N
J7	81° 23' 2.659" E	23° 16' 20.290" N
J8	81° 23' 3.065" E	23° 16' 23.558" N
J9	81° 23' 3.470" E	23° 16' 26.825" N
J10	81° 23' 3.875" E	23° 16' 30.092" N
J11	81° 23' 4.281" E	23° 16' 33.360" N
J12	81° 23' 4.686" E	23° 16' 36.627" N
J13	81° 23' 5.092" E	23° 16' 39.894" N
J14	81° 23' 5.497" E	23° 16' 43.162" N
J15	81° 23' 5.902" E	23° 16' 46.429" N
J16	81° 23' 6.308" E	23° 16' 49.696" N
J17	81° 23' 6.713" E	23° 16' 52.964" N
J18	81° 23' 7.119" E	23° 16' 56.231" N
J19	81° 23' 7.524" E	23° 16' 59.498" N
J20	81° 23' 7.929" E	23° 17' 2.766" N
J21	81° 23' 8.335" E	23° 17' 6.033" N
J22	81° 23' 8.740" E	23° 17' 9.300" N
J23	81° 23' 9.146" E	23° 17' 12.568" N
J24	81° 23' 9.551" E	23° 17' 15.835" N
J25	81° 23' 9.957" E	23° 17' 19.102" N
J26	81° 23' 10.362" E	23° 17' 22.369" N
J27	81° 23' 10.371" E	23° 17' 25.674" N
J28	81° 23' 10.372" E	23° 17' 25.737" N

Provisional cardinal points for Jamui Block, Sohagpur coalfield

Point	Longitude	Latitude
J29	81° 23' 10.381" E	23° 17' 28.979" N
J30	81° 23' 10.381" E	23° 17' 29.105" N
J31	81° 23' 10.390" E	23° 17' 32.284" N
J32	81° 23' 10.391" E	23° 17' 32.472" N
J33	81° 23' 10.399" E	23° 17' 35.589" N
J34	81° 23' 10.400" E	23° 17' 35.840" N
J35	81° 23' 10.409" E	23° 17' 38.894" N
J36	81° 23' 10.410" E	23° 17' 39.208" N
J37	81° 23' 10.418" E	23° 17' 42.199" N
J38	81° 23' 10.419" E	23° 17' 42.575" N
J39	81° 23' 10.427" E	23° 17' 45.504" N
J40	81° 23' 10.429" E	23° 17' 45.943" N
J41	81° 23' 10.437" E	23° 17' 48.809" N
J42	81° 23' 10.438" E	23° 17' 49.311" N
J43	81° 23' 10.446" E	23° 17' 52.114" N
J44	81° 23' 10.448" E	23° 17' 52.678" N
J45	81° 23' 10.455" E	23° 17' 55.418" N
J46	81° 23' 10.457" E	23° 17' 56.046" N
J47	81° 23' 10.465" E	23° 17' 58.723" N
J48	81° 23' 10.467" E	23° 17' 59.414" N
J49	81° 25' 21.874" E	23° 18' 1.075" N
J50	81° 25' 23.466" E	23° 15' 55.991" N
J51	81° 22' 59.822" E	23° 15' 57.419" N