

## RAJATHARI PATHAKHURI WEST COAL BLOCK SUMMARY

### PART A

Sr. No	Features	Details
<b>1. Location</b>		
	Coal Block	<b>RAJATHARI PATHAKHURI WEST</b>
	Latitude	22° 14' 41" N-22° 17' 26" N (Provisional)
	Longitude	78° 44' 49" E-78° 50' 7" E (Provisional)
	Topo Sheet No.	55 J/11, J/15, & J/16 (R.F. 1:50000).
	Coalfield	Pench Kanhan Valley Coalfield
	Villages	Pathakuri, Jamun Barra, Pagara, Seregaon Khurd, Khairi Kalan, Kirwari
	Tehsil/Taluka	Parasia
	District	Chhindwara
	State	Madhya Pradesh
<b>2. Connectivity with Block</b>		
	Nearest Rail Head	The nearest railway station is Parasia Railway Station on Nagpur Chhindwara lane of south eastern railway.
	Road	The Block is accessible from district headquarter Chhindwara at about 26 Km by an all-weather metal road in South East direction. The area is connected by Parasia-Damua Highway (Parasia-Chhindwara 27kms, Chhindwara-Nagpur Kms) by road. The nearest town is Parasia which is about 12 Km from block in south-west direction.
	Airport	The nearest airport is Nagpur about 156Km.
<b>3. Area</b>		
	Geological Block Area	28.42 sq.km. (As per shape file. Refer Note below)
	Forest Area	Approx. 63% (As Per FSI map)
	Non-Forest Area	Approx. 37%
<b>4. Climate and Topography</b>		
	Average Annual Rainfall	76.33-140.80 cm
	Temperature (Min. — Max.)	10°C to 45.0°C
	Local Surface Drainage Channels	The area has five Streams or Nallahs coming from the ridges located in the northern and eastern parts of the block.
	Rivers	There is a major Nala or river Ghatamali flowing from north to south all along the eastern boundary of the block.

<b>5.</b>	<b>Exploration</b>			
	Status	Regionally Explored		
	Exploration Agency	GSI		
	Total Number of Boreholes with meterage	2 Boreholes; 748.65 m		
	Borehole Density	Approx. 0.07 bh/sq.km		
	General Dip of Seams	Dip of the beds as deciphered is 2.5° to 8.4° with North north-westerly dip.		
	General Strike Direction	Strike of the Beds is ENE-WSW.		
	Faults	7 Faults, Throw ranging between 0-150m.		
<b>6.</b>	<b>Coal Seams &amp; Reserve</b>			
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT) (Inferred)
	<b>I</b>	0.70-3.44	353.10-444.10	G9-G10
	<b>II</b>	0.39-4.33	410.10-459.29	G6-G8
	<b>III</b>	0.88-2.75	381.40-482.75	G1-G6
	<b>IV</b>	0.40-3.55	388.00-493.60	G4-G6
	<b>V</b>	0.40-1.50	450.80-500.00	G1-G6
		<b>Total</b>		<b>500.00</b>
<b>7.</b>	<b>Surface Constraints</b>	NA		
<b>8.</b>	<b>Grade of the block</b>	G7 (Provisional) weighted average grade based on grade-wise resources given in regional GRs of Rajathari South & Pathakuri Pipariya by GSI.		
<b>9.</b>	<b>Decision Support System (DSS) Analysis</b>	The polygon touches major river(s).- Sukri Nala, Devrani Nala, Wildlife info:		
<b>10.</b>	<b>Eco Sensitive Zone (ESZ) Analysis</b>	NW boundary of the block is approx. 11 km from the boundary of ESZ of Panchmarhi. SW boundary of the block is approx. 30 km from the tiger corridor connecting Panchmarhi (Satpura) and Pench.		

**Note:**

1. The above data is compiled from Geological Report, Mining Plan 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.
4. Summary data has been compiled from “Final Report on Exploration for Coal by Scout Drilling in Rajathari (South) Area, Pench Valley Coalfield, Chhindwara District, Madhya Pradesh. & Final Report on Exploration for Coal by Scout Drilling in Pathakhuri-Pipariya Area, Pench Valley Coalfield, Chhindwara District, Madhya Pradesh.” By GSI

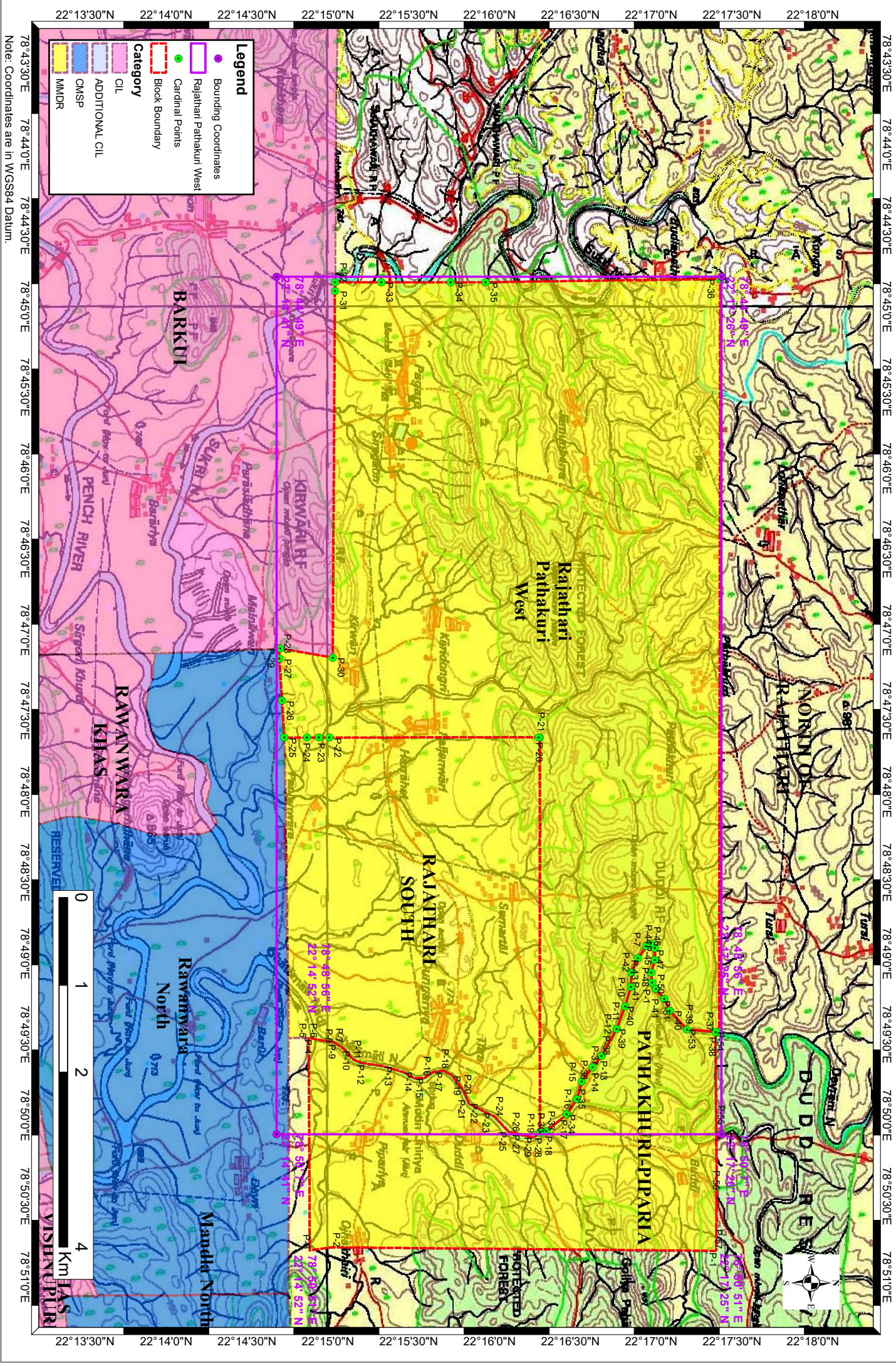
**Disclaimer:**

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 update 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.



# Rajathari Pathakuri West Block, PENCH Kanhan Coalfield

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Note: Coordinates are in WGS84 Datum.



**Provisional Cardinal Points for Rajathari Pathakuri West Block**

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	78° 49' 13.142" E	22° 17' 1.700" N
P-2	78° 49' 10.834" E	22° 17' 0.322" N
P-3	78° 49' 6.956" E	22° 16' 59.975" N
P-4	78° 49' 2.244" E	22° 17' 1.345" N
P-5	78° 48' 57.996" E	22° 17' 1.341" N
P-6	78° 48' 56.243" E	22° 16' 59.878" N
P-7	78° 48' 57.354" E	22° 16' 58.075" N
P-8	78° 49' 1.697" E	22° 16' 55.071" N
P-9	78° 49' 6.872" E	22° 16' 52.669" N
P-10	78° 49' 12.321" E	22° 16' 52.417" N
P-11	78° 49' 19.527" E	22° 16' 50.275" N
P-12	78° 49' 27.842" E	22° 16' 47.188" N
P-13	78° 49' 37.822" E	22° 16' 41.525" N
P-14	78° 49' 42.166" E	22° 16' 38.177" N
P-15	78° 49' 47.526" E	22° 16' 34.228" N
P-16	78° 49' 53.900" E	22° 16' 32.429" N
P-17	78° 49' 59.629" E	22° 16' 28.653" N
P-18	78° 50' 5.732" E	22° 16' 21.094" N
P-19	78° 50' 6.588" E	22° 16' 18.699" N
P-20	78° 47' 39.753" E	22° 16' 18.604" N
P-21	78° 47' 39.754" E	22° 16' 18.209" N
P-22	78° 47' 39.860" E	22° 15' 0.557" N
P-23	78° 47' 39.865" E	22° 14' 56.703" N
P-24	78° 47' 39.871" E	22° 14' 52.206" N
P-25	78° 47' 39.883" E	22° 14' 43.792" N
P-26	78° 47' 26.174" E	22° 14' 42.939" N
P-27	78° 47' 10.581" E	22° 14' 41.993" N
P-28	78° 47' 6.843" E	22° 14' 41.890" N
P-29	78° 47' 6.833" E	22° 14' 42.400" N
P-30	78° 47' 10.244" E	22° 15' 1.807" N
P-31	78° 44' 54.274" E	22° 15' 2.609" N
P-32	78° 44' 51.055" E	22° 15' 2.628" N
P-33	78° 44' 51.129" E	22° 15' 19.810" N
P-34	78° 44' 51.049" E	22° 15' 45.556" N
P-35	78° 44' 51.041" E	22° 15' 58.507" N
P-36	78° 44' 49.819" E	22° 17' 25.540" N
P-37	78° 49' 28.955" E	22° 17' 25.118" N
P-38	78° 49' 28.977" E	22° 17' 23.866" N
P-39	78° 49' 28.090" E	22° 17' 13.231" N
P-40	78° 49' 21.079" E	22° 17' 6.778" N
P-41	78° 49' 16.740" E	22° 17' 4.797" N