

**PIPRAUL BLOCK SUMMARY  
PART A**

Sl. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Coal Block	Pipraul
	Latitude	23° 42' 17" N-23° 45' 48" N (Provisional)
	Longitude	83° 34' 9" E-83° 35' 42" E (Provisional)
	Topo Sheet No.	64 M/9 & 10
	Coalfield	Tatapani Ramkola
	Villages	Pipraul, Vijaynagar
	Tehsil/Taluka	Ramanujganj
	District	Balrampur (Surguja)
	State	Chhattisgarh
<b>2.</b>	<b>Connectivity with Block</b>	
	Nearest Rail Head	The nearest railhead is Garwa Road in Jharkhand on Chopan-Garwa Section of Eastern Railway and is about 85 km away from the area of exploration. Renukut another important railhead on Chopan-Garwa Section of Eastern Railway is situated about 140 km away from the block.
	Road	The block is also approachable from various important localities such as Ambikapur, district headquarter of Balrampur (Surguja) by state highway with a distance of 120 km. It is also approachable from Mahabirganj via Ramanujganj on Garwa-Wadrafnagar and Ambikapur-Ramanujganj state highways respectively. The villages within the block are well connected by fair weather non-metal roads.
	Airport	
<b>3.</b>	<b>Area</b>	
	Geological Block Area	9.4 sq. km. (As per shape file. Refer note below)
	Green Cover	Approx. 18% (As per FSI Map)
	Non-Forest Area	
<b>4.</b>	<b>Climate and Topography</b>	
	Average Annual Rainfall	-
	Temperature (Min. — Max.)	-
	Local Surface Drainage Channels	The block is drained by tributaries of north-south flowing Sendur River.

	Rivers	-			
<b>5.</b>	<b>Exploration</b>				
	Status	Regionally Explored			
	Exploration Agency	GSI			
	Total Number of Boreholes with	9 Boreholes & 6394.60 m			
	Borehole Density	Approx. 1 Borehole/ sq. km.			
	General Dip of Seams	In northern part of the block (north of Fault F2-F2), dip ranging from 6° to 7° towards south-west. In southern part (south of Fault F2-F2) of the area, higher degree of dip, ranging from 10° to 15° towards south-westerly.			
	General Strike Direction	The regional strike in northern part of the block (north of Fault F2-F2) is NW-SE. The strike of sedimentaries in southern part (south of Fault F2-F2) of the area ranges from NNW-SSE to almost N-S.			
	Faults	5 Faults, Throw ranging from 75m to 160m.			
<b>6.</b>	<b>Coal Seams &amp; Reserve (For Thick Seams- 188.61 MT, Thin Seams- 67.72 MT)</b>				
	Seam	Seam/Seam zone thickness (m)	Depth range (m)	Resources (MT) (Indicated)	Grade
	Local-D	0.66-0.67	8.94-38.77	1.45	G11-G12
	Local-C	0.57-3.43	61.89-245.34	6.75	G9-G14
	Local-B	0.50-0.50	129.46-129.96	0.33	G4-G5
	Local-A	0.80-2.30	129.10-346.44	8.3	G7-G14
	Seam XIII	0.50-0.77	192.00-405.84	1.95	G9-G14
	Seam XII	0.55-2.32	147.69-427.04	9.6	G7-G14
	Seam XI	0.52-0.72	230.23-441.86	2.19	G7-G14
	Seam X	0.68	241.49-242.17	0.48	G11-G12
	Seam IX	0.51-1.22	270.07-302.52	2.19	G11-G12
	Seam VI	0.50-1.44	342.63-567.97	5.4	G4-G5
	Seam III(T)	7.41- 46.65	383.43-894.15	138.77	G7-G12
	Seam III(B)	2.18-13.36	432.28-772.24	51.76	G4-G12
	Seam II	0.70-1.53	477.58-793.41	10.09	G1-G6
	Seam IL2	0.81-1.65	509.80-751.11	9.49	G1-G10
	Seam IL1	0.62-1.49	522.01-757.15	5	G1-G8
	Seam I	0.68-1.25	547.29-605.05	2.58	G1-G8
	<b>Total</b>			<b>256.33</b>	
	<b>Surface Constraints</b>	-			
<b>8.</b>	<b>Grade of coal</b>	G8 (Provisional), Based on grade-wise data available in Regional GR.			
<b>9.</b>	<b>Decision Support System (DSS) Analysis</b>	-			
<b>10.</b>	<b>Eco Sensitive Zone (ESZ)</b>	Approx. 3.65 kms from Tomarpingla- Palamau Tiger Corridor			

Note:

1. The summary has been compiled from “Final Report on Regional Exploration for Coal in Pipraul Block, Tatapani-Ramkola Coalfield, Balrampur (Surguja) District, Chhattisgarh-2017”.

**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.

**Piprauli Block, Tatapani Rankola Coalfield**

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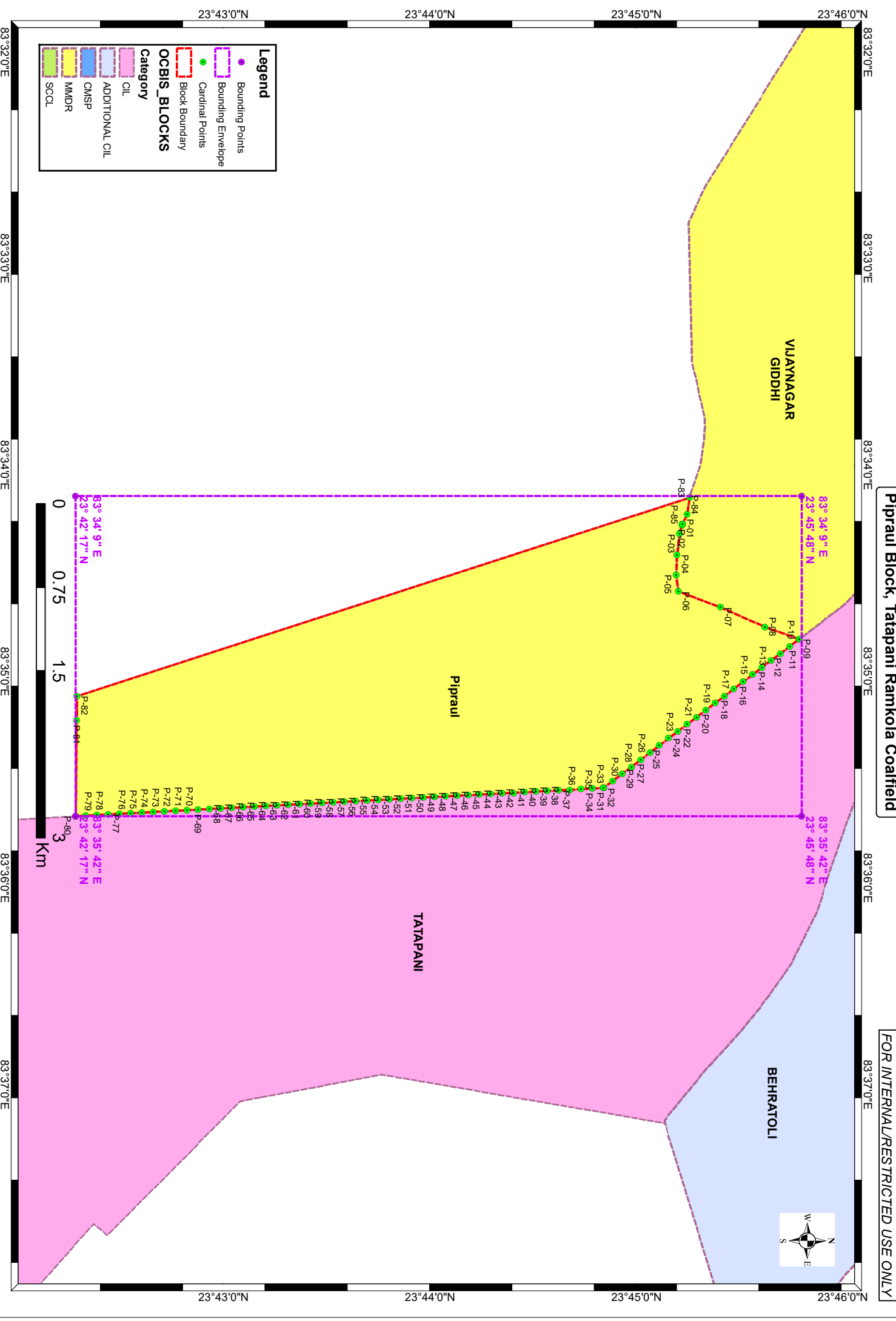
**Legend**

- Bounding Points
- Bounding Envelope
- Cardinal Points
- Block Boundary

**OCBIS\_BLOCKS**

**Category**

- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



0 0.75 1.5 3  
Km

83°34'9" E  
23°42'17" N  
83°35'42" E  
23°42'17" N  
83°35'42" E

VUAYNAGAR  
GIDDDHI

Piprauli

TATAPANI

BEHRATOLI

83°34'9" E  
23°45'48" N  
83°35'42" E  
23°45'48" N  
83°35'42" E

P-83 P-84 P-85 P-01 P-02 P-03 P-04 P-05 P-06 P-07 P-08 P-09 P-10 P-11 P-12 P-13 P-14 P-15 P-16 P-17 P-18 P-19 P-20 P-21 P-22 P-23 P-24 P-25 P-26 P-27 P-28 P-29 P-30 P-31 P-32 P-33 P-34 P-35 P-36 P-37 P-38 P-39 P-40 P-41 P-42 P-43 P-44 P-45 P-46 P-47 P-48 P-49 P-50 P-51 P-52 P-53 P-54 P-55 P-56 P-57 P-58 P-59 P-60 P-61 P-62 P-63 P-64 P-65 P-66 P-67 P-68 P-69 P-70 P-71 P-72 P-73 P-74 P-75 P-76 P-77 P-78 P-79 P-80 P-81 P-82

**Provisional Cardinal Points for Pipraul Block**

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	83° 34' 17.094" E	23° 45' 13.365" N
P-2	83° 34' 17.410" E	23° 45' 13.202" N
P-3	83° 34' 19.980" E	23° 45' 12.517" N
P-4	83° 34' 26.062" E	23° 45' 11.832" N
P-5	83° 34' 31.887" E	23° 45' 11.575" N
P-6	83° 34' 36.684" E	23° 45' 12.174" N
P-7	83° 34' 41.367" E	23° 45' 24.368" N
P-8	83° 34' 47.042" E	23° 45' 37.324" N
P-9	83° 34' 50.593" E	23° 45' 47.266" N
P-10	83° 34' 50.593" E	23° 45' 47.267" N
P-11	83° 34' 52.652" E	23° 45' 44.559" N
P-12	83° 34' 54.710" E	23° 45' 41.851" N
P-13	83° 34' 56.769" E	23° 45' 39.143" N
P-14	83° 34' 58.828" E	23° 45' 36.435" N
P-15	83° 35' 0.886" E	23° 45' 33.727" N
P-16	83° 35' 2.945" E	23° 45' 31.019" N
P-17	83° 35' 5.003" E	23° 45' 28.311" N
P-18	83° 35' 7.062" E	23° 45' 25.604" N
P-19	83° 35' 9.121" E	23° 45' 22.896" N
P-20	83° 35' 11.179" E	23° 45' 20.188" N
P-21	83° 35' 13.238" E	23° 45' 17.480" N
P-22	83° 35' 15.296" E	23° 45' 14.772" N
P-23	83° 35' 17.354" E	23° 45' 12.064" N
P-24	83° 35' 19.413" E	23° 45' 9.356" N
P-25	83° 35' 21.471" E	23° 45' 6.648" N
P-26	83° 35' 23.530" E	23° 45' 3.940" N
P-27	83° 35' 25.588" E	23° 45' 1.232" N
P-28	83° 35' 27.646" E	23° 44' 58.524" N
P-29	83° 35' 29.705" E	23° 44' 55.816" N
P-30	83° 35' 31.763" E	23° 44' 53.108" N
P-31	83° 35' 33.821" E	23° 44' 50.400" N
P-32	83° 35' 33.822" E	23° 44' 50.400" N
P-33	83° 35' 33.822" E	23° 44' 50.399" N
P-34	83° 35' 33.996" E	23° 44' 47.128" N
P-35	83° 35' 34.170" E	23° 44' 43.857" N
P-36	83° 35' 34.344" E	23° 44' 40.586" N
P-37	83° 35' 34.519" E	23° 44' 37.316" N
P-38	83° 35' 34.693" E	23° 44' 34.045" N
P-39	83° 35' 34.867" E	23° 44' 30.774" N
P-40	83° 35' 35.041" E	23° 44' 27.503" N
P-41	83° 35' 35.215" E	23° 44' 24.232" N
P-42	83° 35' 35.389" E	23° 44' 20.962" N
P-43	83° 35' 35.563" E	23° 44' 17.691" N
P-44	83° 35' 35.737" E	23° 44' 14.420" N
P-45	83° 35' 35.911" E	23° 44' 11.149" N
P-46	83° 35' 36.085" E	23° 44' 7.878" N
P-47	83° 35' 36.259" E	23° 44' 4.608" N

**Provisional Cardinal Points for Pipraul Block**

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	83° 35' 36.433" E	23° 44' 1.337" N
P-49	83° 35' 36.607" E	23° 43' 58.066" N
P-50	83° 35' 36.781" E	23° 43' 54.795" N
P-51	83° 35' 36.955" E	23° 43' 51.524" N
P-52	83° 35' 37.129" E	23° 43' 48.253" N
P-53	83° 35' 37.303" E	23° 43' 44.983" N
P-54	83° 35' 37.477" E	23° 43' 41.712" N
P-55	83° 35' 37.651" E	23° 43' 38.441" N
P-56	83° 35' 37.825" E	23° 43' 35.170" N
P-57	83° 35' 37.999" E	23° 43' 31.899" N
P-58	83° 35' 38.173" E	23° 43' 28.628" N
P-59	83° 35' 38.347" E	23° 43' 25.358" N
P-60	83° 35' 38.521" E	23° 43' 22.087" N
P-61	83° 35' 38.695" E	23° 43' 18.816" N
P-62	83° 35' 38.869" E	23° 43' 15.545" N
P-63	83° 35' 39.043" E	23° 43' 12.274" N
P-64	83° 35' 39.217" E	23° 43' 9.004" N
P-65	83° 35' 39.391" E	23° 43' 5.733" N
P-66	83° 35' 39.565" E	23° 43' 2.462" N
P-67	83° 35' 39.739" E	23° 42' 59.191" N
P-68	83° 35' 39.913" E	23° 42' 55.920" N
P-69	83° 35' 40.087" E	23° 42' 52.649" N
P-70	83° 35' 40.261" E	23° 42' 49.378" N
P-71	83° 35' 40.435" E	23° 42' 46.108" N
P-72	83° 35' 40.609" E	23° 42' 42.837" N
P-73	83° 35' 40.783" E	23° 42' 39.566" N
P-74	83° 35' 40.957" E	23° 42' 36.295" N
P-75	83° 35' 41.131" E	23° 42' 33.024" N
P-76	83° 35' 41.305" E	23° 42' 29.753" N
P-77	83° 35' 41.479" E	23° 42' 26.483" N
P-78	83° 35' 41.653" E	23° 42' 23.212" N
P-79	83° 35' 41.827" E	23° 42' 19.941" N
P-80	83° 35' 41.979" E	23° 42' 17.084" N
P-81	83° 35' 14.215" E	23° 42' 17.360" N
P-82	83° 35' 7.132" E	23° 42' 17.431" N
P-83	83° 34' 9.476" E	23° 45' 15.422" N
P-84	83° 34' 14.412" E	23° 45' 14.744" N