BANDHA COAL BLOCK SUMMARY

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**BANDHA**
	Latitude	24° 04' 17" N -24° 06' 52" N (Provisional)
	Longitude	82° 21' 39" E - 82° 24' 57" E (Provisional)
	Topo Sheet No.	63L/8
	Coalfield	Singrauli
	Villages	Bandha, Tenduha
	District	Sidhi
	State	Madhya Pradesh
2.	**Connectivity with Block**	
	Nearest Rail Head	Nearest big Railway station is Singrauli whereas local station is Bargawan on Chopan – Singaruli – Katni section of Central Railway.
	Road	It is connected through both Ranchi – Renukut – Singrauli – Bargawan – Sidhi – Rewa national highway and Waidhen-Bargawan-Sidhi state highway. It is located about 25 km SW from Bargawan town. From both national highway and state highway, network of forest roads and few pakka jeepable roads are available connecting the surrounding villages.
3.	**Area**	
	Geological Block Area	18.44 sq.km. (As per shape file.)
	Forest Area	40 %
	Non-Forest Area	60 %
4.	**Climate and Topography**	
	Average Annual Rainfall	130 cm
	Temperature (Min. — Max.)	6° C-45° C
	Local Surface Drainage Channels	Both the eastern and western parts of this area are dissected with south – east and north - west flowing nalas respectively. These nalas also subsequently meet nearly northerly flowing Kanchanmunda and Bandha nalas respectively.
5.	**Exploration**	
	Status	Regionally Explored
	Exploration Agency	GSI
	Total Number of Boreholes with meterage	8 Boreholes, 3196.05 m
	General Dip of Seams	Dipping 3° to 4° towards NW
	General Strike Direction	Regional strike of Bandha block has been measured as NNE-SSW

6.	**Coal Seams & Reserve**				
	Number of Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)	Grade
	Seam VII	1.52-2.43	78.36-224.25	40.96	E-F
	Seam VI	11.89-15.05	112.32-276.10	235.02	D
	Seam V	1.39-2.29	167.25-323.47	33.94	C-E
	Seam IV	0.60-6.13	191.60-344.95	45.85	A-C
	Seam III	0.47-1.50	213.00-368.54	21.00	A-C
	Seam II A	0.80-7.22	240.10-396.92	16.08	A-D
	Seam II	0.96-3.25	256.10-351.11	25.99	C-D
	Seam I	0.55-6.64	296.22-403.58	22.66	
	Total			**441.50**	
7.	**Surface Constraints**	NA			

Note:

1. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.

Bandha Block, Singrauli Coalfield

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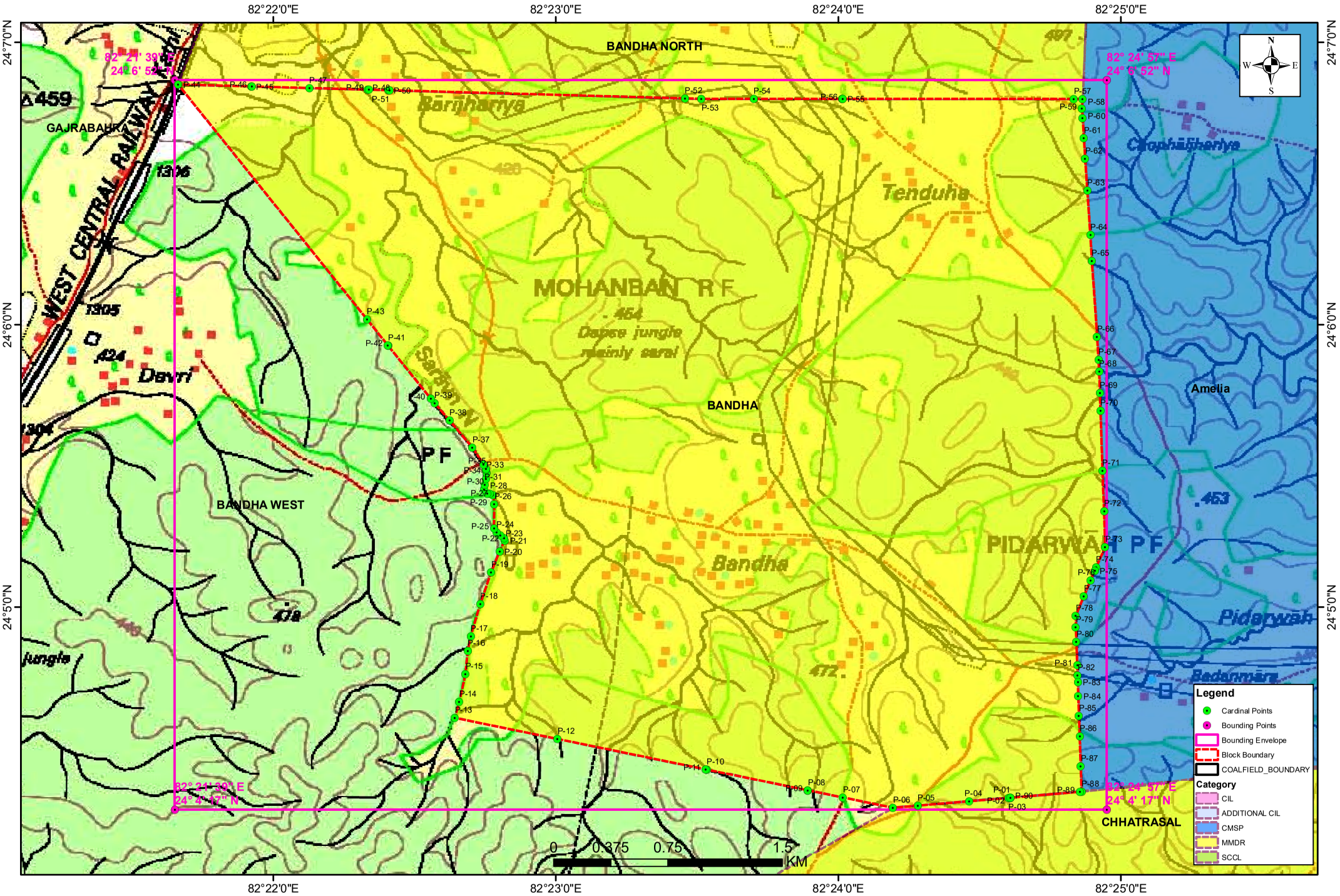

Note: The map is prepared on WGS84 coordinate system.

Provisional Co-ordinates of Cardinal Points for Bandha Block

Point No.	Longitude (WGS84)	Latitude (WGS84)
P-1	82° 24' 36.506" E	24° 4' 19.505" N
P-2	82° 24' 36.378" E	24° 4' 19.494" N
P-3	82° 24' 36.134" E	24° 4' 19.473" N
P-4	82° 24' 27.758" E	24° 4' 18.757" N
P-5	82° 24' 16.822" E	24° 4' 17.822" N
P-6	82° 24' 11.594" E	24° 4' 17.375" N
P-7	82° 24' 0.922" E	24° 4' 19.566" N
P-8	82° 23' 53.544" E	24° 4' 21.081" N
P-9	82° 23' 53.502" E	24° 4' 21.090" N
P-10	82° 23' 32.044" E	24° 4' 25.495" N
P-11	82° 23' 31.829" E	24° 4' 25.539" N
P-12	82° 23' 0.298" E	24° 4' 32.011" N
P-13	82° 22' 38.544" E	24° 4' 36.474" N
P-14	82° 22' 39.486" E	24° 4' 39.912" N
P-15	82° 22' 40.793" E	24° 4' 45.776" N
P-16	82° 22' 41.252" E	24° 4' 50.707" N
P-17	82° 22' 41.907" E	24° 4' 53.828" N
P-18	82° 22' 43.933" E	24° 5' 0.688" N
P-19	82° 22' 46.241" E	24° 5' 7.422" N
P-20	82° 22' 48.015" E	24° 5' 11.828" N
P-21	82° 22' 49.112" E	24° 5' 14.162" N
P-22	82° 22' 49.057" E	24° 5' 14.697" N
P-23	82° 22' 48.228" E	24° 5' 15.264" N
P-24	82° 22' 47.410" E	24° 5' 15.890" N
P-25	82° 22' 46.820" E	24° 5' 16.756" N
P-26	82° 22' 46.910" E	24° 5' 21.883" N
P-27	82° 22' 46.664" E	24° 5' 23.828" N
P-28	82° 22' 45.999" E	24° 5' 24.128" N
P-29	82° 22' 45.381" E	24° 5' 24.133" N
P-30	82° 22' 44.716" E	24° 5' 25.034" N
P-31	82° 22' 44.876" E	24° 5' 25.996" N
P-32	82° 22' 45.189" E	24° 5' 27.232" N
P-33	82° 22' 45.278" E	24° 5' 28.538" N
P-34	82° 22' 45.209" E	24° 5' 29.158" N
P-35	82° 22' 45.087" E	24° 5' 29.403" N
P-36	82° 22' 44.622" E	24° 5' 30.333" N
P-37	82° 22' 42.262" E	24° 5' 33.933" N
P-38	82° 22' 37.377" E	24° 5' 39.688" N
P-39	82° 22' 34.219" E	24° 5' 43.358" N
P-40	82° 22' 33.379" E	24° 5' 44.335" N
P-41	82° 22' 24.349" E	24° 5' 55.574" N
P-42	82° 22' 24.282" E	24° 5' 55.657" N
P-43	82° 22' 19.859" E	24° 6' 1.164" N
P-44	82° 21' 39.764" E	24° 6' 51.064" N
P-45	82° 21' 55.237" E	24° 6' 50.639" N
P-46	82° 21' 55.438" E	24° 6' 50.634" N

Provisional Co-ordinates of Cardinal Points for Bandha Block

Point No.	Longitude (WGS84)	Latitude (WGS84)
P-47	82° 22' 7.655" E	24° 6' 50.298" N
P-48	82° 22' 19.981" E	24° 6' 49.959" N
P-49	82° 22' 20.255" E	24° 6' 49.992" N
P-50	82° 22' 24.378" E	24° 6' 49.838" N
P-51	82° 22' 24.639" E	24° 6' 49.831" N
P-52	82° 23' 27.397" E	24° 6' 48.099" N
P-53	82° 23' 30.895" E	24° 6' 48.003" N
P-54	82° 23' 41.977" E	24° 6' 48.000" N
P-55	82° 24' 0.804" E	24° 6' 47.995" N
P-56	82° 24' 0.948" E	24° 6' 47.995" N
P-57	82° 24' 49.975" E	24° 6' 47.979" N
P-58	82° 24' 51.844" E	24° 6' 47.979" N
P-59	82° 24' 51.758" E	24° 6' 45.950" N
P-60	82° 24' 51.881" E	24° 6' 43.910" N
P-61	82° 24' 52.138" E	24° 6' 39.650" N
P-62	82° 24' 52.401" E	24° 6' 35.291" N
P-63	82° 24' 52.863" E	24° 6' 28.530" N
P-64	82° 24' 53.492" E	24° 6' 19.098" N
P-65	82° 24' 53.833" E	24° 6' 13.582" N
P-66	82° 24' 54.950" E	24° 5' 57.440" N
P-67	82° 24' 55.237" E	24° 5' 52.584" N
P-68	82° 24' 55.385" E	24° 5' 50.086" N
P-69	82° 24' 55.533" E	24° 5' 45.525" N
P-70	82° 24' 55.655" E	24° 5' 41.754" N
P-71	82° 24' 56.084" E	24° 5' 28.989" N
P-72	82° 24' 56.409" E	24° 5' 20.426" N
P-73	82° 24' 56.668" E	24° 5' 12.768" N
P-74	82° 24' 54.741" E	24° 5' 8.501" N
P-75	82° 24' 54.419" E	24° 5' 7.747" N
P-76	82° 24' 53.543" E	24° 5' 5.699" N
P-77	82° 24' 52.144" E	24° 5' 2.332" N
P-78	82° 24' 50.441" E	24° 4' 58.186" N
P-79	82° 24' 50.441" E	24° 4' 55.738" N
P-80	82° 24' 50.549" E	24° 4' 52.629" N
P-81	82° 24' 50.719" E	24° 4' 47.713" N
P-82	82° 24' 50.796" E	24° 4' 45.519" N
P-83	82° 24' 50.845" E	24° 4' 44.104" N
P-84	82° 24' 50.948" E	24° 4' 41.132" N
P-85	82° 24' 51.095" E	24° 4' 36.903" N
P-86	82° 24' 51.245" E	24° 4' 32.569" N
P-87	82° 24' 51.466" E	24° 4' 26.211" N
P-88	82° 24' 51.653" E	24° 4' 20.812" N
P-89	82° 24' 51.273" E	24° 4' 20.767" N
P-90	82° 24' 36.506" E	24° 4' 19.505" N