

**Khargaon Block Summary
PART A**

Sr. No.	Features	Details
1.	Location	
	Coal Block	Khargaon
	Latitude	23° 15' 55" N-23° 20' 57" N (Provisional)
	Longitude	83° 7' 31" E-83° 11' 41" E (Provisional)
	Topo Sheet No.	64 M/3
	Coalfield	Bisrampur
	Villages	Maridand, Kerta, Chera villages
	Tehsil/Taluka	Surajpur, Pratappur
	District	Surguja
	State	Chhattisgarh
2.	Connectivity with Block	
	Nearest Rail Head	Ambikapur is the nearest railhead
	Road	The coalfield is now fairly well-communicated by the State Highways running from Ambikapur to Manendragarh & Ramanujganj along the southern and eastern fringe of the coalfield respectively. Moreover, the Ambikapur-Banares Highway, almost nearing completion, traverses through the central part of the field linking Latori & Songara areas, under exploration by GSI. The Ambikapur-Pratappur fair weather road serves as a link of communication for Khargaon area.
	Airport	
3.	Area	
	Geological Block Area	40.11 sq km (As per shape file. Refer note below)
	Forest Area	8.42 sq km.
	Non-Forest Area	31.69 sq km
4.	Climate and Topography	
	Average Annual Rainfall	1000 mm -1050 mm
	Temperature (Min. — Max.)	2°C during December to 46 °C during summer
	Local Surface Drainage Channels	The Pasang nala, with an east-west course, drains the southern part of the coalfield
	Rivers	The major part of the coal-bearing tract is drained by the north-westerly flowing Mahan river & its tributaries discharging into the Rehar river. The Rehar flows in a northerly direction along the western fringe of the coalfield.

5.	Exploration				
	Status	Regionally Explored			
	Exploration Agency	GSI			
	Total Number of Boreholes with	4 Boreholes; 788.99 m (BKG-1,5 & 6, BSG-14)			
	Borehole Density	0.099 boreholes per sq km			
	General Dip of Seams	The sedimentary beds of the coalfield exhibit very gentle rolling dip. The trend of the beds in the eastern part dips westerly of about 2° to 5°. In the central & southern portion of the CF, the dip becomes northerly			
	General Strike Direction	The trend of the beds in the eastern part is N-S and in the central & southern portion of the CF strike swings from NE-SW to E-W & NW-SE.			
	Faults	One fault trending in NW-SE direction and maximum downthrow of about 175m towards east.			
6.	Coal Seams and Reserve				
	Number of Coal Seams	2			
	Coal Seams	Thickness Range (m)	Depth Range (m)	Resources (mt) (Inferred)	Grade
	Upper Patpahari seam	1.86	10.12		
	Lower Patpahari seam	1.08	15.70		
	Total			250	
	Note: The details of thickness and depth are based on one borehole BSG-14 falling within Khargaon block.				
7.	Surface Constraints	-			
8.	Grade of coal	-			
9.	Decision Support System (DSS) Analysis	Hydrology info: The polygon touches major river(s)- Mahan River & Banki N Wildlife info: The polygon touches Wildlife Habitat(s)- Sloth Bear			
10.	Eco Sensitive Zone (ESZ)	NW boundary of the block is approx. 10 km from the boundary of TR-PA of Tamorpingla and 19 km from the boundary of ESZ of Tamorpingla. Approx. 22 km from the boundary of tiger corridor connecting Tamorpingla and Semarsot. Southern boundary of the block is approx. 37 km from the boundary of buffer zone of unnotified Lemru Elephant Reserve.			

Note:

1. The summary has been compiled from 1. Geology and coal resources of the Latori, Khargaon and Songara areas, Bistrampur coalfield, Surguja district, Madhya Pradesh, GSI, August-1978 & 2. Geology and Coal Resources of the Bistrampur Coalfield, Surguja, Madhya Pradesh-1968 by GSI.
2. 4 no. of Boreholes i.e. BKG-1, 5, 6 & BSG-14 of the regional report by GSI on Latori, Khargaon and Songara areas fall within Khargaon block.

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.

Provisional Cardinal Points for KHARGAON Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	83° 8' 45.585" E	23° 19' 54.531" N
P-2	83° 8' 52.376" E	23° 19' 54.247" N
P-3	83° 8' 57.102" E	23° 19' 54.959" N
P-4	83° 9' 1.828" E	23° 19' 55.670" N
P-5	83° 9' 6.275" E	23° 19' 57.005" N
P-6	83° 9' 10.722" E	23° 19' 58.340" N
P-7	83° 9' 14.662" E	23° 20' 0.586" N
P-8	83° 9' 18.603" E	23° 20' 2.831" N
P-9	83° 9' 24.232" E	23° 20' 6.160" N
P-10	83° 9' 30.283" E	23° 20' 9.053" N
P-11	83° 9' 36.081" E	23° 20' 11.229" N
P-12	83° 9' 40.851" E	23° 20' 12.447" N
P-13	83° 9' 44.399" E	23° 20' 12.105" N
P-14	83° 9' 50.212" E	23° 20' 9.194" N
P-15	83° 9' 53.195" E	23° 20' 7.203" N
P-16	83° 9' 56.177" E	23° 20' 5.213" N
P-17	83° 9' 59.593" E	23° 20' 3.359" N
P-18	83° 10' 3.009" E	23° 20' 1.504" N
P-19	83° 10' 7.951" E	23° 19' 58.989" N
P-20	83° 10' 10.936" E	23° 19' 56.464" N
P-21	83° 10' 13.922" E	23° 19' 53.938" N
P-22	83° 10' 16.016" E	23° 19' 51.007" N
P-23	83° 10' 18.111" E	23° 19' 48.076" N
P-24	83° 10' 20.205" E	23° 19' 45.145" N
P-25	83° 10' 21.170" E	23° 19' 41.338" N
P-26	83° 10' 22.135" E	23° 19' 37.532" N
P-27	83° 10' 23.999" E	23° 19' 33.875" N
P-28	83° 10' 28.230" E	23° 19' 31.792" N
P-29	83° 10' 33.626" E	23° 19' 30.236" N
P-30	83° 10' 38.294" E	23° 19' 30.378" N
P-31	83° 10' 42.962" E	23° 19' 30.520" N
P-32	83° 10' 47.010" E	23° 19' 30.895" N
P-33	83° 10' 51.058" E	23° 19' 31.271" N
P-34	83° 10' 55.106" E	23° 19' 31.646" N
P-35	83° 10' 59.983" E	23° 19' 32.444" N
P-36	83° 11' 4.859" E	23° 19' 33.242" N
P-37	83° 11' 10.767" E	23° 19' 33.715" N
P-38	83° 11' 16.684" E	23° 19' 32.713" N
P-39	83° 11' 20.687" E	23° 19' 31.184" N
P-40	83° 11' 24.690" E	23° 19' 29.656" N
P-41	83° 11' 29.248" E	23° 19' 28.868" N
P-42	83° 11' 33.805" E	23° 19' 28.080" N
P-43	83° 11' 40.066" E	23° 19' 25.532" N
P-44	83° 11' 37.570" E	23° 19' 22.146" N
P-45	83° 11' 35.649" E	23° 19' 17.779" N
P-46	83° 11' 34.758" E	23° 19' 14.422" N
P-47	83° 11' 34.005" E	23° 19' 11.955" N

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POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	83° 11' 35.649" E	23° 19' 6.815" N
P-49	83° 11' 36.814" E	23° 19' 4.623" N
P-50	83° 11' 36.437" E	23° 19' 1.368" N
P-51	83° 11' 36.061" E	23° 18' 58.113" N
P-52	83° 11' 34.142" E	23° 18' 53.933" N
P-53	83° 11' 32.223" E	23° 18' 47.902" N
P-54	83° 11' 29.756" E	23° 18' 43.448" N
P-55	83° 11' 29.482" E	23° 18' 37.624" N
P-56	83° 11' 29.345" E	23° 18' 33.786" N
P-57	83° 11' 29.482" E	23° 18' 32.553" N
P-58	83° 11' 30.510" E	23° 18' 27.002" N
P-59	83° 11' 31.469" E	23° 18' 22.959" N
P-60	83° 11' 32.737" E	23° 18' 18.745" N
P-61	83° 11' 34.005" E	23° 18' 14.531" N
P-62	83° 11' 34.073" E	23° 18' 14.119" N
P-63	83° 11' 34.485" E	23° 18' 8.569" N
P-64	83° 11' 34.039" E	23° 18' 5.108" N
P-65	83° 11' 33.594" E	23° 18' 1.648" N
P-66	83° 11' 33.457" E	23° 17' 58.393" N
P-67	83° 11' 33.434" E	23° 17' 57.858" N
P-68	83° 11' 33.339" E	23° 17' 55.591" N
P-69	83° 11' 33.320" E	23° 17' 55.138" N
P-70	83° 11' 32.018" E	23° 17' 52.877" N
P-71	83° 11' 31.593" E	23° 17' 51.246" N
P-72	83° 11' 30.866" E	23° 17' 47.727" N
P-73	83° 11' 30.138" E	23° 17' 44.209" N
P-74	83° 11' 27.483" E	23° 17' 38.641" N
P-75	83° 11' 25.427" E	23° 17' 32.817" N
P-76	83° 11' 25.127" E	23° 17' 29.562" N
P-77	83° 11' 24.827" E	23° 17' 26.307" N
P-78	83° 11' 24.999" E	23° 17' 22.409" N
P-79	83° 11' 25.170" E	23° 17' 18.512" N
P-80	83° 11' 25.770" E	23° 17' 13.287" N
P-81	83° 11' 27.540" E	23° 17' 10.203" N
P-82	83° 11' 28.642" E	23° 17' 8.284" N
P-83	83° 11' 29.311" E	23° 17' 7.120" N
P-84	83° 11' 31.081" E	23° 17' 4.036" N
P-85	83° 11' 31.681" E	23° 16' 59.154" N
P-86	83° 11' 31.509" E	23° 16' 53.415" N
P-87	83° 11' 29.967" E	23° 16' 50.074" N
P-88	83° 11' 29.025" E	23° 16' 46.733" N
P-89	83° 11' 28.597" E	23° 16' 45.020" N
P-90	83° 11' 28.483" E	23° 16' 41.594" N
P-91	83° 11' 28.368" E	23° 16' 38.168" N
P-92	83° 11' 28.254" E	23° 16' 34.742" N
P-93	83° 11' 27.849" E	23° 16' 33.223" N
P-94	83° 11' 27.569" E	23° 16' 32.172" N

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POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	83° 11' 24.828" E	23° 16' 28.232" N
P-96	83° 11' 22.686" E	23° 16' 23.007" N
P-97	83° 11' 21.380" E	23° 16' 19.580" N
P-98	83° 11' 20.073" E	23° 16' 16.154" N
P-99	83° 11' 19.388" E	23° 16' 10.758" N
P-100	83° 11' 19.003" E	23° 16' 6.346" N
P-101	83° 11' 18.617" E	23° 16' 1.935" N
P-102	83° 11' 18.446" E	23° 15' 56.881" N
P-103	83° 11' 18.227" E	23° 15' 55.838" N
P-104	83° 11' 16.749" E	23° 15' 55.869" N
P-105	83° 11' 13.741" E	23° 15' 55.924" N
P-106	83° 11' 10.661" E	23° 15' 57.000" N
P-107	83° 11' 7.205" E	23° 15' 58.188" N
P-108	83° 11' 3.749" E	23° 15' 59.376" N
P-109	83° 10' 59.305" E	23° 16' 0.930" N
P-110	83° 10' 54.860" E	23° 16' 2.484" N
P-111	83° 10' 51.040" E	23° 16' 3.813" N
P-112	83° 10' 47.220" E	23° 16' 5.143" N
P-113	83° 10' 43.853" E	23° 16' 6.326" N
P-114	83° 10' 40.487" E	23° 16' 7.510" N
P-115	83° 10' 37.058" E	23° 16' 8.707" N
P-116	83° 10' 32.257" E	23° 16' 10.454" N
P-117	83° 10' 28.426" E	23° 16' 11.771" N
P-118	83° 10' 24.596" E	23° 16' 13.087" N
P-119	83° 10' 19.092" E	23° 16' 15.015" N
P-120	83° 10' 15.153" E	23° 16' 16.394" N
P-121	83° 10' 11.214" E	23° 16' 17.774" N
P-122	83° 10' 7.790" E	23° 16' 18.975" N
P-123	83° 10' 4.366" E	23° 16' 20.176" N
P-124	83° 10' 1.013" E	23° 16' 21.182" N
P-125	83° 9' 57.659" E	23° 16' 22.188" N
P-126	83° 9' 54.306" E	23° 16' 23.194" N
P-127	83° 9' 50.953" E	23° 16' 24.200" N
P-128	83° 9' 47.600" E	23° 16' 25.206" N
P-129	83° 9' 43.800" E	23° 16' 25.737" N
P-130	83° 9' 43.081" E	23° 16' 25.837" N
P-131	83° 9' 40.001" E	23° 16' 26.267" N
P-132	83° 9' 38.561" E	23° 16' 26.469" N
P-133	83° 9' 34.277" E	23° 16' 27.270" N
P-134	83° 9' 29.993" E	23° 16' 28.071" N
P-135	83° 9' 25.708" E	23° 16' 28.872" N
P-136	83° 9' 21.424" E	23° 16' 29.673" N
P-137	83° 9' 17.981" E	23° 16' 30.411" N
P-138	83° 9' 14.539" E	23° 16' 31.148" N
P-139	83° 9' 11.096" E	23° 16' 31.886" N
P-140	83° 9' 7.653" E	23° 16' 32.623" N
P-141	83° 9' 4.211" E	23° 16' 33.361" N

Provisional Cardinal Points for KHARGAON Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	83° 8' 59.839" E	23° 16' 34.345" N
P-143	83° 8' 55.467" E	23° 16' 35.330" N
P-144	83° 8' 51.095" E	23° 16' 36.314" N
P-145	83° 8' 46.999" E	23° 16' 36.859" N
P-146	83° 8' 42.903" E	23° 16' 37.404" N
P-147	83° 8' 38.806" E	23° 16' 37.948" N
P-148	83° 8' 34.710" E	23° 16' 38.493" N
P-149	83° 8' 30.892" E	23° 16' 38.221" N
P-150	83° 8' 27.073" E	23° 16' 37.948" N
P-151	83° 8' 23.255" E	23° 16' 37.675" N
P-152	83° 8' 19.943" E	23° 16' 39.299" N
P-153	83° 8' 16.632" E	23° 16' 40.922" N
P-154	83° 8' 13.320" E	23° 16' 42.546" N
P-155	83° 8' 10.008" E	23° 16' 44.169" N
P-156	83° 8' 6.697" E	23° 16' 45.793" N
P-157	83° 8' 3.385" E	23° 16' 47.416" N
P-158	83° 8' 0.073" E	23° 16' 49.039" N
P-159	83° 7' 56.761" E	23° 16' 50.663" N
P-160	83° 7' 53.450" E	23° 16' 52.286" N
P-161	83° 7' 49.857" E	23° 16' 53.011" N
P-162	83° 7' 46.265" E	23° 16' 53.736" N
P-163	83° 7' 42.673" E	23° 16' 54.461" N
P-164	83° 7' 39.081" E	23° 16' 55.186" N
P-165	83° 7' 35.488" E	23° 16' 55.911" N
P-166	83° 7' 31.896" E	23° 16' 56.636" N
P-167	83° 7' 33.662" E	23° 17' 0.303" N
P-168	83° 7' 35.429" E	23° 17' 3.971" N
P-169	83° 7' 36.545" E	23° 17' 7.517" N
P-170	83° 7' 37.662" E	23° 17' 11.062" N
P-171	83° 7' 38.778" E	23° 17' 14.608" N
P-172	83° 7' 39.553" E	23° 17' 17.021" N
P-173	83° 7' 39.807" E	23° 17' 21.740" N
P-174	83° 7' 40.061" E	23° 17' 26.460" N
P-175	83° 7' 42.212" E	23° 17' 29.433" N
P-176	83° 7' 44.363" E	23° 17' 32.407" N
P-177	83° 7' 46.514" E	23° 17' 35.381" N
P-178	83° 7' 48.665" E	23° 17' 38.355" N
P-179	83° 7' 47.797" E	23° 17' 41.841" N
P-180	83° 7' 46.929" E	23° 17' 45.328" N
P-181	83° 7' 46.061" E	23° 17' 48.815" N
P-182	83° 7' 45.193" E	23° 17' 52.301" N
P-183	83° 7' 44.326" E	23° 17' 55.788" N
P-184	83° 7' 44.819" E	23° 17' 59.112" N
P-185	83° 7' 45.312" E	23° 18' 2.436" N
P-186	83° 7' 45.805" E	23° 18' 5.761" N
P-187	83° 7' 46.298" E	23° 18' 9.085" N
P-188	83° 7' 46.792" E	23° 18' 12.409" N

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POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-189	83° 7' 47.351" E	23° 18' 15.866" N
P-190	83° 7' 47.910" E	23° 18' 19.322" N
P-191	83° 7' 48.469" E	23° 18' 22.779" N
P-192	83° 7' 48.518" E	23° 18' 26.189" N
P-193	83° 7' 48.568" E	23° 18' 29.599" N
P-194	83° 7' 48.617" E	23° 18' 33.009" N
P-195	83° 7' 48.666" E	23° 18' 36.419" N
P-196	83° 7' 48.715" E	23° 18' 39.829" N
P-197	83° 7' 48.540" E	23° 18' 39.850" N
P-198	83° 7' 50.230" E	23° 18' 41.232" N
P-199	83° 7' 53.984" E	23° 18' 44.321" N
P-200	83° 7' 58.573" E	23° 18' 48.115" N
P-201	83° 8' 1.670" E	23° 18' 50.644" N
P-202	83° 8' 5.820" E	23° 18' 54.058" N
P-203	83° 8' 9.921" E	23° 18' 57.407" N
P-204	83° 8' 11.650" E	23° 18' 58.840" N
P-205	83° 8' 11.539" E	23° 19' 2.788" N
P-206	83° 8' 11.427" E	23° 19' 6.736" N
P-207	83° 8' 11.307" E	23° 19' 13.142" N
P-208	83° 8' 11.205" E	23° 19' 17.550" N
P-209	83° 8' 11.053" E	23° 19' 21.926" N
P-210	83° 8' 10.966" E	23° 19' 26.493" N
P-211	83° 8' 10.880" E	23° 19' 31.060" N
P-212	83° 8' 10.785" E	23° 19' 34.858" N
P-213	83° 8' 10.690" E	23° 19' 38.657" N
P-214	83° 8' 10.659" E	23° 19' 41.257" N
P-215	83° 8' 10.576" E	23° 19' 44.422" N
P-216	83° 8' 10.475" E	23° 19' 48.562" N
P-217	83° 8' 10.374" E	23° 19' 52.702" N
P-218	83° 8' 10.369" E	23° 19' 54.948" N
P-219	83° 8' 10.279" E	23° 19' 58.590" N
P-220	83° 8' 10.258" E	23° 19' 59.793" N
P-221	83° 8' 10.174" E	23° 20' 3.411" N
P-222	83° 8' 10.090" E	23° 20' 7.030" N
P-223	83° 8' 10.006" E	23° 20' 10.648" N
P-224	83° 8' 9.922" E	23° 20' 14.267" N
P-225	83° 8' 9.837" E	23° 20' 17.885" N
P-226	83° 8' 9.753" E	23° 20' 21.504" N
P-227	83° 8' 9.678" E	23° 20' 25.054" N
P-228	83° 8' 9.602" E	23° 20' 28.603" N
P-229	83° 8' 9.527" E	23° 20' 32.153" N
P-230	83° 8' 9.451" E	23° 20' 35.702" N
P-231	83° 8' 5.525" E	23° 20' 40.204" N
P-232	83° 8' 3.060" E	23° 20' 43.052" N
P-233	83° 8' 0.595" E	23° 20' 45.899" N
P-234	83° 7' 58.129" E	23° 20' 48.747" N
P-235	83° 7' 55.694" E	23° 20' 51.540" N

Provisional Cardinal Points for KHARGAON Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-236	83° 7' 53.259" E	23° 20' 54.333" N
P-237	83° 7' 52.171" E	23° 20' 55.828" N
P-238	83° 7' 57.473" E	23° 20' 56.157" N
P-239	83° 8' 1.837" E	23° 20' 56.513" N
P-240	83° 8' 7.753" E	23° 20' 56.745" N
P-241	83° 8' 12.727" E	23° 20' 56.458" N
P-242	83° 8' 15.928" E	23° 20' 54.467" N
P-243	83° 8' 19.210" E	23° 20' 50.947" N
P-244	83° 8' 20.781" E	23° 20' 48.082" N
P-245	83° 8' 22.284" E	23° 20' 44.001" N
P-246	83° 8' 23.414" E	23° 20' 40.598" N
P-247	83° 8' 23.529" E	23° 20' 37.020" N
P-248	83° 8' 23.888" E	23° 20' 30.879" N
P-249	83° 8' 24.385" E	23° 20' 25.734" N
P-250	83° 8' 24.760" E	23° 20' 21.553" N
P-251	83° 8' 24.615" E	23° 20' 15.841" N
P-252	83° 8' 23.257" E	23° 20' 13.640" N
P-253	83° 8' 23.156" E	23° 20' 11.769" N
P-254	83° 8' 24.846" E	23° 20' 7.182" N
P-255	83° 8' 28.057" E	23° 20' 5.232" N
P-256	83° 8' 31.268" E	23° 20' 3.281" N
P-257	83° 8' 35.137" E	23° 20' 1.588" N
P-258	83° 8' 40.334" E	23° 19' 57.533" N