Gondbahera Ujheni East Block Summary
PART A

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Gondbahera Ujheni East**
	Latitude	24° 8' 31" N-24° 10' 44" N (Provisional)
	Longitude	82° 22' 25" E-82° 25' 7" E (Provisional)
	Topo Sheet No.	63 L/8 (RF 1:50,000)
	Coalfield	Singrauli Coalfield
	Villages	Majhauli, Ujjaini, Pachaur, Manihari
	Tehsil/Taluka	Deosar
	District	Singrauli
	State	Madhya Pradesh
2.	**Connectivity with Block**	
	Nearest Rail Head	The nearest railway station is Majhauli on Katni-Chopan Railway Line. Nearest big Railway station is Singrauli.
	Road	It is connected through both Ranchi – Renukut – Singrauli – Bargawan – Sidhi – Rewa national highway and Waidhan-Bargawan-Sidhi state highway. It is located about 8 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.
	Airport	Nearest Airport is Varanasi, which is about 250 km. away.
3.	**Area**	
	Geological Block Area	11.3 sqkm (As per shape file. Refer note below)
	Forest Area	Approx. 34% (As per FSI Map)
	Non-Forest Area	Approx. 66%
4.	**Climate and Topography**	
	Average Annual Rainfall	130 cm.
	Temperature (Min. — Max.)	6^0C-45^0C
	Local Surface Drainage Channels	Major portion of this area are dissected with north - west flowing nalas whereas the south-east flowing nalas are mainly restricted towards the eastern part. These northwesterly flowing nalas also subsequently meet nearly north-northwesterly flowing Mohan nala.
	Rivers	
5.	**Exploration**	
	Status	Partly Explored
	Exploration Agency	GSI, MECL

	Total Number of Boreholes with meterage	GSI: 4 Boreholes; 2388.30m MECL: 29 Boreholes; 16137.00 m Total: 33 Boreholes; 18,525.30 m			
	Borehole Density	Approx. 2.9 BHs/sq.km.			
	General Dip of Seams	The amount of Dip of Coal Seams varies within the limit i.e. from 4° to 12°			
	General Strike Direction	Strike is NW-SE in most part of the block.			
	Faults	1 minor sub-vertical fault (F – F) striking ~ N 55° W - S 55° E and dipping towards SW has been envisaged towards the south-western part of the block. Calculated throw amount of this fault is ~ 25m towards south.			
6.	**Coal Seams & Reserve**				
	Coal Seams/Zones	Thickness Range (m)	Depth Range (m)	Resources (MT)	Grade
	R9	3.34-3.34	17.26-17.26		
	R8	1.47-1.65	20-38		
	R7	1.43-3.42	16.32-59.46		
	R6	0.52-2.44	24.06-92.7		
	R5	0.35-4.73	11.16-104.55		
	R4	0.39-1.31	20.94-114.59		
	R3	0.72-7.26	5.91-127.68		
	R2	0.36-2.02	43.08-163.12		
	R1	0.16-1.31	30.35-216.06		
	VIII	0.98-2.96	278.44-570.71		
	VIIC	11.66-14.76	327.15-609		
	VIIT	0.34-9.8	319.3-525.23		
	VIIM	1.86-5.07	356.62-532.24		
	VIIB	3.43-4.72	328.6-535.09		
	VI	0.05-0.73	352.94-531.74		
	V	1.78-4.45	376.15-611		
	IV	1.16-5.17	396.45-617		
	III	0.02-6.11	390.1-602.55		
	IIC	0.14-1.69	451.05-601.14		
	IIT	0.52-0.52	555.49-606.47		
	IIB	0.52-0.52	558.49-608.35		
	IT	0.37-0.37	592.01-592.01		
	IM	0.18-0.18	595.82-595.82		
	IB	0.13-0.13	598.87-598.87		
	Total			**250**	
7.	**Surface Constraints**	Some part of the block is occupied by J.P Industries.			
8.	**Grade of coal**	G7 (Provisional) based on weighted average grade as per grade-wise data available in Majhauli (S) Regional GR.			

9.	**Decision Support System (DSS) Analysis**	Very Dense Forest Info: The polygon is having a VDF of more than 1 sq. km area Wildlife info: The polygon touches Wildlife Habitat(s) of Sloth Bear
10.	**Eco Sensitive Zone (ESZ)**	The ESZ boundary of Sanjay Gandhi Dubri National Park & TRPA of Sanjay-Dubri is approx.23.8 km from S-W block boundary.

Note:

1. The summary has been compiled from **"**Final Report on Regional Exploration for Coal in Majhauli(S) block, Singrauli Coalfield, Sidhi District, Madhya Pradesh. GSI-2010" & Boreholes drilled by MECL in the 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.

Gondbahera Ujheni East Block, Singrauli Coalfield

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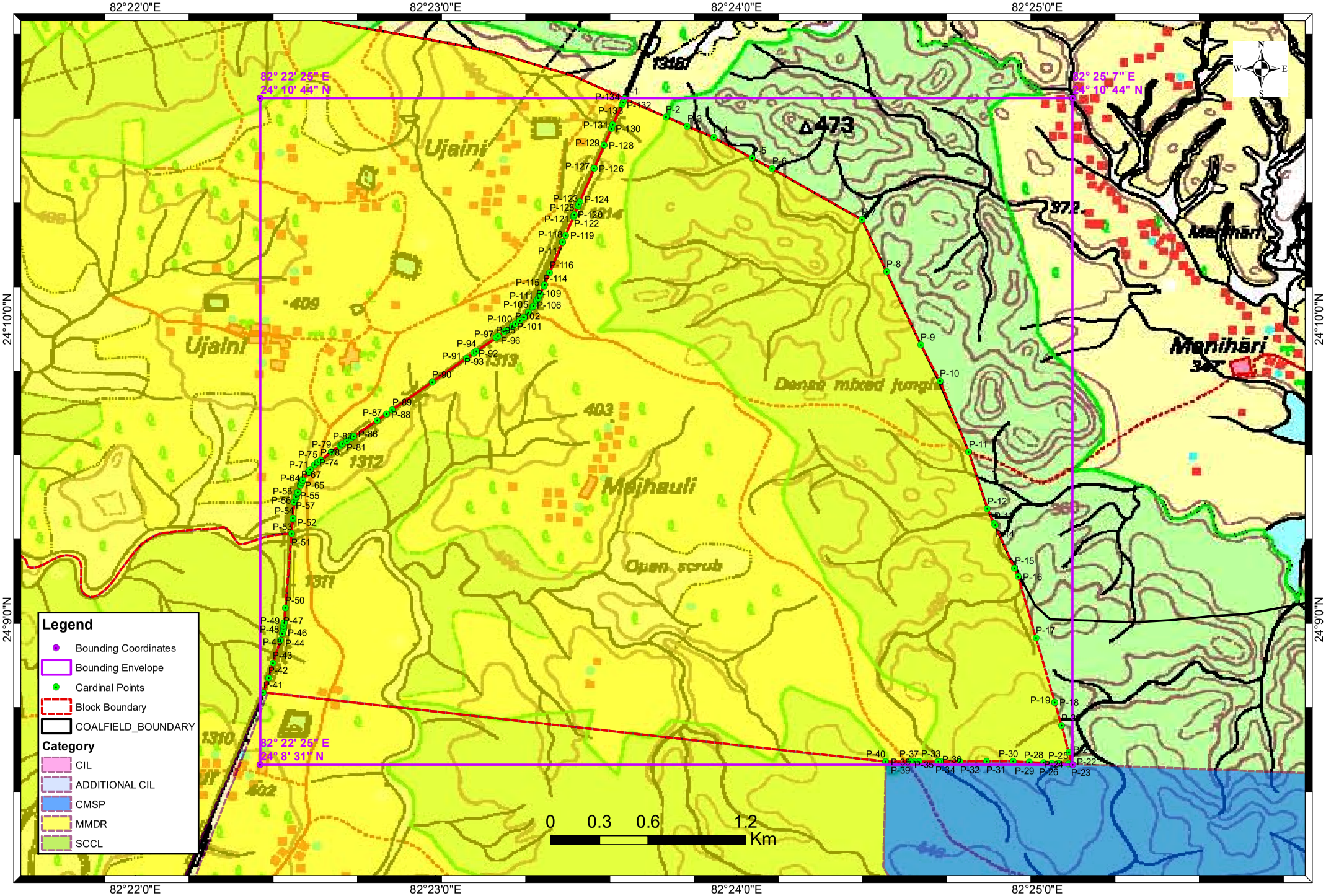

Note: Coordinate data is in WGS84 coordinate system.

Provisional Cardinal Points for GONDBAHERA UJHENI EAST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	82° 23' 37.637" E	24° 10' 43.894" N
P-2	82° 23' 45.968" E	24° 10' 40.278" N
P-3	82° 23' 50.223" E	24° 10' 38.432" N
P-4	82° 23' 55.397" E	24° 10' 36.187" N
P-5	82° 24' 3.091" E	24° 10' 32.096" N
P-6	82° 24' 7.082" E	24° 10' 29.973" N
P-7	82° 24' 24.995" E	24° 10' 19.766" N
P-8	82° 24' 29.944" E	24° 10' 9.420" N
P-9	82° 24' 36.752" E	24° 9' 54.827" N
P-10	82° 24' 40.602" E	24° 9' 47.614" N
P-11	82° 24' 46.344" E	24° 9' 33.410" N
P-12	82° 24' 50.068" E	24° 9' 22.082" N
P-13	82° 24' 51.410" E	24° 9' 19.118" N
P-14	82° 24' 51.547" E	24° 9' 18.816" N
P-15	82° 24' 55.448" E	24° 9' 10.201" N
P-16	82° 24' 56.188" E	24° 9' 8.566" N
P-17	82° 24' 59.712" E	24° 8' 56.324" N
P-18	82° 25' 3.459" E	24° 8' 43.522" N
P-19	82° 25' 3.483" E	24° 8' 43.440" N
P-20	82° 25' 4.825" E	24° 8' 38.856" N
P-21	82° 25' 6.263" E	24° 8' 33.554" N
P-22	82° 25' 6.912" E	24° 8' 31.164" N
P-23	82° 25' 6.742" E	24° 8' 31.169" N
P-24	82° 25' 6.169" E	24° 8' 31.189" N
P-25	82° 25' 4.207" E	24° 8' 31.270" N
P-26	82° 25' 4.190" E	24° 8' 31.270" N
P-27	82° 25' 2.800" E	24° 8' 31.328" N
P-28	82° 25' 1.215" E	24° 8' 31.396" N
P-29	82° 24' 58.439" E	24° 8' 31.516" N
P-30	82° 24' 55.254" E	24° 8' 31.672" N
P-31	82° 24' 49.836" E	24° 8' 31.682" N
P-32	82° 24' 44.593" E	24° 8' 31.664" N
P-33	82° 24' 40.754" E	24° 8' 31.659" N
P-34	82° 24' 40.736" E	24° 8' 31.659" N
P-35	82° 24' 40.269" E	24° 8' 31.658" N
P-36	82° 24' 40.198" E	24° 8' 31.658" N
P-37	82° 24' 36.436" E	24° 8' 31.653" N
P-38	82° 24' 35.532" E	24° 8' 31.653" N
P-39	82° 24' 34.667" E	24° 8' 31.653" N
P-40	82° 24' 29.740" E	24° 8' 31.652" N
P-41	82° 22' 25.606" E	24° 8' 45.420" N
P-42	82° 22' 26.637" E	24° 8' 48.331" N
P-43	82° 22' 27.526" E	24° 8' 51.291" N
P-44	82° 22' 29.012" E	24° 8' 55.894" N
P-45	82° 22' 29.377" E	24° 8' 57.181" N
P-46	82° 22' 29.573" E	24° 8' 57.954" N
P-47	82° 22' 29.646" E	24° 8' 58.233" N

Provisional Cardinal Points for GONDBAHERA UJHENI EAST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	82° 22' 29.722" E	24° 8' 58.726" N
P-49	82° 22' 29.822" E	24° 8' 59.328" N
P-50	82° 22' 29.969" E	24° 9' 2.317" N
P-51	82° 22' 31.239" E	24° 9' 17.153" N
P-52	82° 22' 31.429" E	24° 9' 19.994" N
P-53	82° 22' 31.446" E	24° 9' 20.241" N
P-54	82° 22' 31.778" E	24° 9' 23.420" N
P-55	82° 22' 32.034" E	24° 9' 24.293" N
P-56	82° 22' 32.059" E	24° 9' 24.366" N
P-57	82° 22' 32.095" E	24° 9' 24.470" N
P-58	82° 22' 32.335" E	24° 9' 25.168" N
P-59	82° 22' 32.335" E	24° 9' 25.169" N
P-60	82° 22' 32.338" E	24° 9' 25.177" N
P-61	82° 22' 32.339" E	24° 9' 25.178" N
P-62	82° 22' 32.408" E	24° 9' 25.358" N
P-63	82° 22' 32.425" E	24° 9' 25.404" N
P-64	82° 22' 32.925" E	24° 9' 26.710" N
P-65	82° 22' 32.984" E	24° 9' 26.862" N
P-66	82° 22' 33.146" E	24° 9' 27.197" N
P-67	82° 22' 33.232" E	24° 9' 27.376" N
P-68	82° 22' 33.233" E	24° 9' 27.376" N
P-69	82° 22' 33.429" E	24° 9' 27.781" N
P-70	82° 22' 33.475" E	24° 9' 27.845" N
P-71	82° 22' 34.599" E	24° 9' 29.423" N
P-72	82° 22' 34.697" E	24° 9' 29.573" N
P-73	82° 22' 34.921" E	24° 9' 29.919" N
P-74	82° 22' 35.863" E	24° 9' 30.836" N
P-75	82° 22' 36.429" E	24° 9' 31.385" N
P-76	82° 22' 36.442" E	24° 9' 31.395" N
P-77	82° 22' 36.524" E	24° 9' 31.454" N
P-78	82° 22' 37.026" E	24° 9' 31.821" N
P-79	82° 22' 39.243" E	24° 9' 33.448" N
P-80	82° 22' 40.914" E	24° 9' 34.692" N
P-81	82° 22' 41.275" E	24° 9' 34.960" N
P-82	82° 22' 41.405" E	24° 9' 35.050" N
P-83	82° 22' 42.278" E	24° 9' 35.647" N
P-84	82° 22' 43.108" E	24° 9' 36.211" N
P-85	82° 22' 43.586" E	24° 9' 36.536" N
P-86	82° 22' 43.634" E	24° 9' 36.568" N
P-87	82° 22' 48.292" E	24° 9' 39.731" N
P-88	82° 22' 50.166" E	24° 9' 41.003" N
P-89	82° 22' 51.321" E	24° 9' 41.812" N
P-90	82° 22' 59.274" E	24° 9' 47.375" N
P-91	82° 23' 6.108" E	24° 9' 52.129" N
P-92	82° 23' 7.601" E	24° 9' 53.163" N
P-93	82° 23' 7.638" E	24° 9' 53.188" N
P-94	82° 23' 8.121" E	24° 9' 53.523" N

Provisional Cardinal Points for GONDBAHERA UJHENI EAST Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	82° 23' 12.023" E	24° 9' 56.224" N
P-96	82° 23' 12.102" E	24° 9' 56.279" N
P-97	82° 23' 12.490" E	24° 9' 56.552" N
P-98	82° 23' 13.661" E	24° 9' 57.376" N
P-99	82° 23' 14.054" E	24° 9' 57.653" N
P-100	82° 23' 15.193" E	24° 9' 58.460" N
P-101	82° 23' 15.343" E	24° 9' 58.566" N
P-102	82° 23' 15.904" E	24° 9' 58.996" N
P-103	82° 23' 16.713" E	24° 9' 59.639" N
P-104	82° 23' 17.582" E	24° 10' 0.315" N
P-105	82° 23' 18.483" E	24° 10' 1.332" N
P-106	82° 23' 19.247" E	24° 10' 2.275" N
P-107	82° 23' 19.326" E	24° 10' 2.377" N
P-108	82° 23' 19.456" E	24° 10' 2.545" N
P-109	82° 23' 20.070" E	24° 10' 3.556" N
P-110	82° 23' 20.148" E	24° 10' 3.684" N
P-111	82° 23' 20.398" E	24° 10' 4.143" N
P-112	82° 23' 20.755" E	24° 10' 4.795" N
P-113	82° 23' 20.863" E	24° 10' 4.993" N
P-114	82° 23' 21.537" E	24° 10' 6.493" N
P-115	82° 23' 21.682" E	24° 10' 6.816" N
P-116	82° 23' 22.703" E	24° 10' 9.213" N
P-117	82° 23' 25.275" E	24° 10' 15.246" N
P-118	82° 23' 25.316" E	24° 10' 15.342" N
P-119	82° 23' 25.884" E	24° 10' 16.674" N
P-120	82° 23' 27.455" E	24° 10' 20.361" N
P-121	82° 23' 27.540" E	24° 10' 20.559" N
P-122	82° 23' 27.632" E	24° 10' 20.775" N
P-123	82° 23' 28.359" E	24° 10' 22.465" N
P-124	82° 23' 28.763" E	24° 10' 23.373" N
P-125	82° 23' 28.524" E	24° 10' 22.850" N
P-126	82° 23' 31.610" E	24° 10' 30.023" N
P-127	82° 23' 31.614" E	24° 10' 30.033" N
P-128	82° 23' 33.613" E	24° 10' 34.682" N
P-129	82° 23' 33.620" E	24° 10' 34.698" N
P-130	82° 23' 35.043" E	24° 10' 38.005" N
P-131	82° 23' 35.333" E	24° 10' 38.744" N
P-132	82° 23' 37.124" E	24° 10' 42.732" N
P-133	82° 23' 37.356" E	24° 10' 43.267" N