

GHUTRA COAL BLOCK SUMMARY

PART A

Sr. No	Features	Details
1.	Location	
	Coal Block	Ghutra
	Latitude	23° 19' 57" N-23° 20' 58" N (Provisional)
	Longitude	82° 14' 52" E-82° 16' 35" E (Provisional)
	Topo Sheet No.	64 I/7
	Coalfield	Sonhat
	Villages	-
	Tehsil/Taluka	Baikunthpur
	District	Surguja
	State	Chhattisgarh
2.	Connectivity with Block	
	Nearest Rail Head	The nearest railway station is Udalkachar on Annupur-Chirimiri broad gauge branch line of the South Eastern Railway and is situated about 12 km south of Ghutra Block.
	Road	The block is located about 125 km north-west of Ambikapur, the district headquarters of Surguja.
	Airport	
3.	Area	
	Geological Block Area	3.91 sq.km. (As per shape file. Please refer below)
	Forest Area	Approx. %
	Non-Forest Area	%
4.	Climate and Topography	
	Average Annual Rainfall	1400cm – 1500cm
	Temperature (Min.- Max.)	3°C-47°C
	Local Surface Drainage Channels	Dhuneti Nala in the eastern boundary.
	Rivers	Hasdo River
5.	Exploration	
	Status	Regionally Explored
	Exploration Agency	MECL
	Total Number of boreholes with meterage	5 Boreholes; 983.85 m
	Borehole Density	Approx. 1.3 Boreholes/sq.km.

	General Dip of Seams	3°-7° Easterly Dip			
	General Strike Direction	General strike of coal bearing formation is N-S over major part of the block. The strike takes a swing to become NW-SE in the south-eastern part and almost E-W in the north-eastern part.			
	Faults				
6.	Coal Seams & Reserve				
	Coal Seam	Thickness Range (m)	Depth Range (m)	Geological Resources (MT) (Indicated)	Grade
	Seam-A	0.38-1.75	8.43-16.90		G12-G9
	Seam-B	0.30-0.60	36.10-40.95		G14-G11
	Seam-C	0.82-1.05	46.85-50.25		G14-G11
	Seam-D	0.40-0.50	107.40-117.30		G12-G11
	Seam-E	0.41-0.45	181.00-192.52		G10-G9
	Seam-F	1.60-1.85	28.00-232.75		G14-G13
	Seam-G	0.50-0.60	51.15-264.45		G10-G9
	Seam-H	0.40-0.65	72.40-276.25		
	Seam-I	0.55	92.97-308.90		
		Total		95.00	
7.	Surface Constraints	Dhunati Nala; Ghutra, Salwa, Pendri villages; CBM Overlap (Under relinquishment block)			
8.	Grade of coal block	G11 (Provisional) based on weighted average grade as per seam overall data available in Regional GR.			
9.	Decision Support System (DSS) Analysis	Hydrology Info: The polygon touches major river(s)-Dhtineti Nala- Wildlife info: The polygon touches Wildlife Habitat(s)- Sloth Bear			
10.	Eco Sensitive Zone (ESZ)	Approx. 25 km from the boundary of ESZ of Guru Ghasi Das NP and TR-PA of Guru Ghasi Das NP.			

Note:

1. Summary is compiled from “Geological Note on Coal Exploration in Ghutra Block, Sonhat Coalfield, District Surguja, Madhya Pradesh; MECL-August 1995.”

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.

Ghutra Block, Sonhat Coalfield

FOR INTERNAL/RESTRICTED USE ONLY

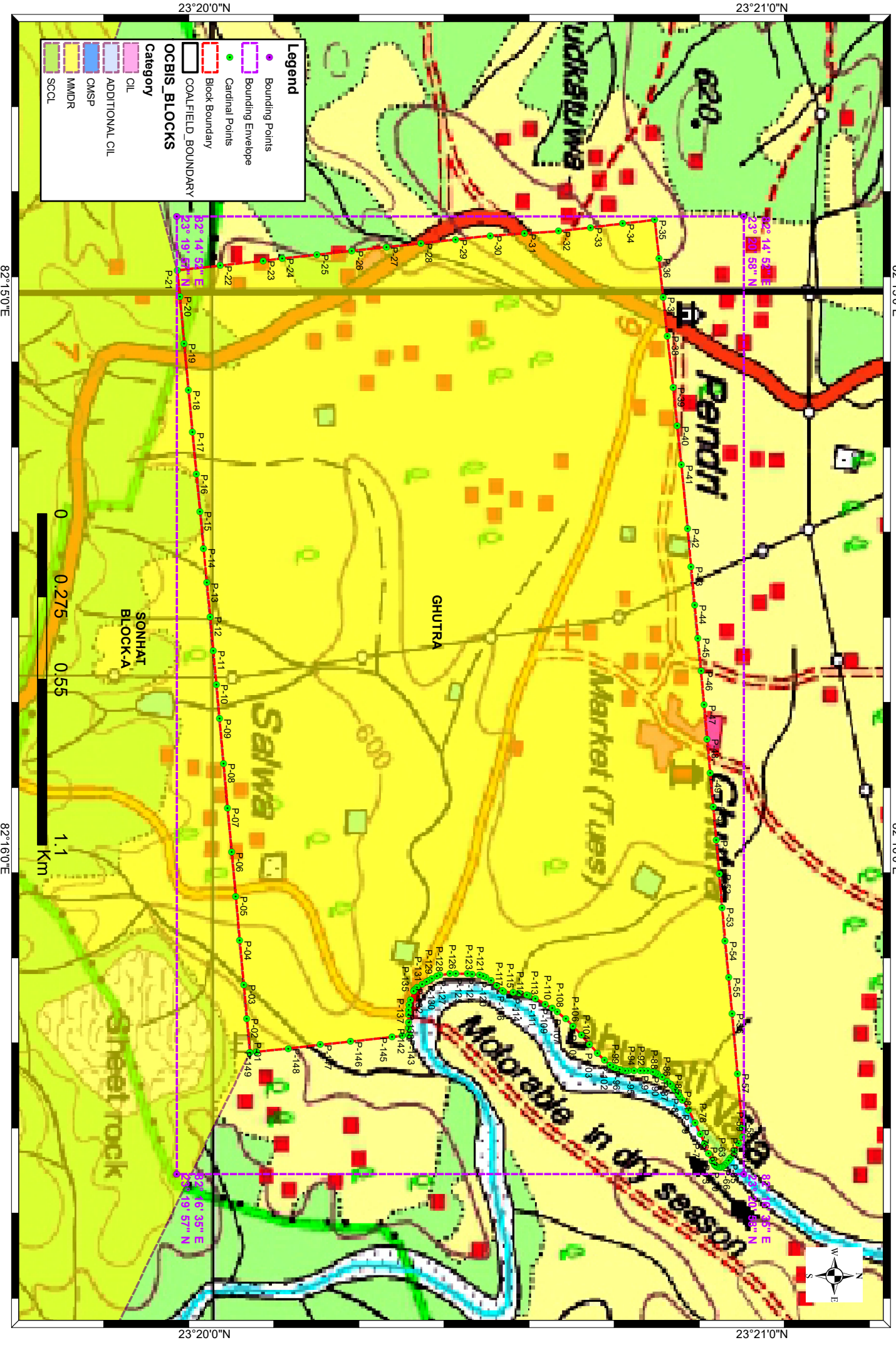
Legend

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

OCBIS_BLOCKS

Category

- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



Provisional Cardinal Points for GHUTRA Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	82° 16' 21.897" E	23° 20' 4.872" N
P-2	82° 16' 18.267" E	23° 20' 4.541" N
P-3	82° 16' 14.638" E	23° 20' 4.210" N
P-4	82° 16' 9.868" E	23° 20' 3.778" N
P-5	82° 16' 5.099" E	23° 20' 3.345" N
P-6	82° 16' 0.365" E	23° 20' 2.905" N
P-7	82° 15' 55.631" E	23° 20' 2.464" N
P-8	82° 15' 50.817" E	23° 20' 2.027" N
P-9	82° 15' 46.003" E	23° 20' 1.590" N
P-10	82° 15' 42.352" E	23° 20' 1.259" N
P-11	82° 15' 38.701" E	23° 20' 0.928" N
P-12	82° 15' 35.050" E	23° 20' 0.597" N
P-13	82° 15' 31.378" E	23° 20' 0.236" N
P-14	82° 15' 27.706" E	23° 19' 59.875" N
P-15	82° 15' 23.720" E	23° 19' 59.486" N
P-16	82° 15' 19.733" E	23° 19' 59.097" N
P-17	82° 15' 15.212" E	23° 19' 58.676" N
P-18	82° 15' 10.691" E	23° 19' 58.254" N
P-19	82° 15' 5.653" E	23° 19' 57.791" N
P-20	82° 15' 0.616" E	23° 19' 57.329" N
P-21	82° 14' 57.777" E	23° 19' 57.063" N
P-22	82° 14' 57.269" E	23° 20' 1.679" N
P-23	82° 14' 56.761" E	23° 20' 6.295" N
P-24	82° 14' 56.507" E	23° 20' 8.357" N
P-25	82° 14' 56.100" E	23° 20' 12.085" N
P-26	82° 14' 55.692" E	23° 20' 15.813" N
P-27	82° 14' 55.284" E	23° 20' 19.541" N
P-28	82° 14' 54.876" E	23° 20' 23.269" N
P-29	82° 14' 54.468" E	23° 20' 26.997" N
P-30	82° 14' 54.060" E	23° 20' 30.725" N
P-31	82° 14' 53.819" E	23° 20' 34.404" N
P-32	82° 14' 53.579" E	23° 20' 38.083" N
P-33	82° 14' 53.170" E	23° 20' 41.530" N
P-34	82° 14' 52.761" E	23° 20' 44.977" N
P-35	82° 14' 52.352" E	23° 20' 48.424" N
P-36	82° 14' 56.519" E	23° 20' 48.876" N
P-37	82° 15' 0.685" E	23° 20' 49.328" N
P-38	82° 15' 4.852" E	23° 20' 49.779" N
P-39	82° 15' 10.392" E	23° 20' 50.405" N
P-40	82° 15' 14.552" E	23° 20' 50.842" N
P-41	82° 15' 18.713" E	23° 20' 51.279" N
P-42	82° 15' 25.556" E	23° 20' 51.947" N
P-43	82° 15' 29.658" E	23° 20' 52.336" N
P-44	82° 15' 33.760" E	23° 20' 52.725" N
P-45	82° 15' 37.324" E	23° 20' 53.066" N
P-46	82° 15' 40.889" E	23° 20' 53.408" N
P-47	82° 15' 44.541" E	23° 20' 53.740" N

Provisional Cardinal Points for GHUTRA Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	82° 15' 48.194" E	23° 20' 54.073" N
P-49	82° 15' 51.852" E	23° 20' 54.402" N
P-50	82° 15' 55.510" E	23° 20' 54.730" N
P-51	82° 15' 59.112" E	23° 20' 55.047" N
P-52	82° 16' 2.714" E	23° 20' 55.365" N
P-53	82° 16' 6.316" E	23° 20' 55.683" N
P-54	82° 16' 9.918" E	23° 20' 56.000" N
P-55	82° 16' 13.831" E	23° 20' 56.378" N
P-56	82° 16' 17.744" E	23° 20' 56.755" N
P-57	82° 16' 24.170" E	23° 20' 57.320" N
P-58	82° 16' 30.036" E	23° 20' 57.835" N
P-59	82° 16' 30.942" E	23° 20' 57.919" N
P-60	82° 16' 31.043" E	23° 20' 57.866" N
P-61	82° 16' 31.732" E	23° 20' 57.464" N
P-62	82° 16' 32.554" E	23° 20' 56.997" N
P-63	82° 16' 33.202" E	23° 20' 56.597" N
P-64	82° 16' 33.493" E	23° 20' 56.380" N
P-65	82° 16' 33.852" E	23° 20' 56.114" N
P-66	82° 16' 34.048" E	23° 20' 55.897" N
P-67	82° 16' 34.191" E	23° 20' 55.702" N
P-68	82° 16' 34.212" E	23° 20' 55.641" N
P-69	82° 16' 34.243" E	23° 20' 55.447" N
P-70	82° 16' 34.236" E	23° 20' 55.295" N
P-71	82° 16' 34.150" E	23° 20' 55.065" N
P-72	82° 16' 34.081" E	23° 20' 54.938" N
P-73	82° 16' 33.992" E	23° 20' 54.853" N
P-74	82° 16' 33.568" E	23° 20' 54.588" N
P-75	82° 16' 32.786" E	23° 20' 54.213" N
P-76	82° 16' 31.705" E	23° 20' 53.777" N
P-77	82° 16' 30.658" E	23° 20' 53.325" N
P-78	82° 16' 29.489" E	23° 20' 52.777" N
P-79	82° 16' 28.090" E	23° 20' 52.061" N
P-80	82° 16' 27.058" E	23° 20' 51.417" N
P-81	82° 16' 26.612" E	23° 20' 51.123" N
P-82	82° 16' 26.354" E	23° 20' 50.939" N
P-83	82° 16' 25.917" E	23° 20' 50.599" N
P-84	82° 16' 25.490" E	23° 20' 50.292" N
P-85	82° 16' 25.323" E	23° 20' 50.111" N
P-86	82° 16' 25.009" E	23° 20' 49.747" N
P-87	82° 16' 24.564" E	23° 20' 49.225" N
P-88	82° 16' 24.216" E	23° 20' 48.712" N
P-89	82° 16' 24.088" E	23° 20' 48.462" N
P-90	82° 16' 24.018" E	23° 20' 48.232" N
P-91	82° 16' 23.905" E	23° 20' 47.694" N
P-92	82° 16' 23.844" E	23° 20' 47.298" N
P-93	82° 16' 23.833" E	23° 20' 46.887" N
P-94	82° 16' 23.841" E	23° 20' 46.226" N

Provisional Cardinal Points for GHUTRA Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	82° 16' 23.836" E	23° 20' 45.572" N
P-96	82° 16' 23.837" E	23° 20' 45.230" N
P-97	82° 16' 23.816" E	23° 20' 44.849" N
P-98	82° 16' 23.761" E	23° 20' 44.651" N
P-99	82° 16' 23.626" E	23° 20' 44.229" N
P-100	82° 16' 23.487" E	23° 20' 43.935" N
P-101	82° 16' 23.229" E	23° 20' 43.583" N
P-102	82° 16' 22.732" E	23° 20' 43.010" N
P-103	82° 16' 21.985" E	23° 20' 42.260" N
P-104	82° 16' 21.054" E	23° 20' 41.403" N
P-105	82° 16' 20.042" E	23° 20' 40.530" N
P-106	82° 16' 19.081" E	23° 20' 39.632" N
P-107	82° 16' 18.307" E	23° 20' 38.855" N
P-108	82° 16' 17.566" E	23° 20' 37.960" N
P-109	82° 16' 17.157" E	23° 20' 37.411" N
P-110	82° 16' 16.727" E	23° 20' 36.640" N
P-111	82° 16' 16.111" E	23° 20' 35.582" N
P-112	82° 16' 15.780" E	23° 20' 34.861" N
P-113	82° 16' 15.722" E	23° 20' 34.658" N
P-114	82° 16' 15.525" E	23° 20' 33.844" N
P-115	82° 16' 15.460" E	23° 20' 33.199" N
P-116	82° 16' 15.354" E	23° 20' 32.178" N
P-117	82° 16' 15.275" E	23° 20' 32.021" N
P-118	82° 16' 14.715" E	23° 20' 31.419" N
P-119	82° 16' 14.161" E	23° 20' 30.801" N
P-120	82° 16' 13.806" E	23° 20' 30.268" N
P-121	82° 16' 13.680" E	23° 20' 29.965" N
P-122	82° 16' 13.596" E	23° 20' 29.582" N
P-123	82° 16' 13.487" E	23° 20' 28.773" N
P-124	82° 16' 13.437" E	23° 20' 28.268" N
P-125	82° 16' 13.435" E	23° 20' 27.028" N
P-126	82° 16' 13.451" E	23° 20' 26.386" N
P-127	82° 16' 13.607" E	23° 20' 25.293" N
P-128	82° 16' 13.701" E	23° 20' 24.987" N
P-129	82° 16' 13.982" E	23° 20' 24.440" N
P-130	82° 16' 14.180" E	23° 20' 24.121" N
P-131	82° 16' 14.311" E	23° 20' 23.870" N
P-132	82° 16' 14.547" E	23° 20' 23.397" N
P-133	82° 16' 14.929" E	23° 20' 22.852" N
P-134	82° 16' 15.147" E	23° 20' 22.578" N
P-135	82° 16' 15.328" E	23° 20' 22.489" N
P-136	82° 16' 16.264" E	23° 20' 22.135" N
P-137	82° 16' 16.777" E	23° 20' 21.999" N
P-138	82° 16' 17.308" E	23° 20' 21.916" N
P-139	82° 16' 17.773" E	23° 20' 21.915" N
P-140	82° 16' 18.646" E	23° 20' 21.917" N
P-141	82° 16' 19.306" E	23° 20' 21.948" N

Provisional Cardinal Points for GHUTRA Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	82° 16' 20.000" E	23° 20' 22.048" N
P-143	82° 16' 20.043" E	23° 20' 21.973" N
P-144	82° 16' 20.123" E	23° 20' 21.256" N
P-145	82° 16' 20.242" E	23° 20' 20.145" N
P-146	82° 16' 20.748" E	23° 20' 15.705" N
P-147	82° 16' 21.071" E	23° 20' 12.426" N
P-148	82° 16' 21.484" E	23° 20' 8.978" N
P-149	82° 16' 21.829" E	23° 20' 5.557" N