

West of Kiloni Block Summary
PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	West of Kiloni Block
	Latitude	20° 06' 26" N - 20° 08' 41" N (Provisional)
	Longitude	79° 04' 39" E - 79° 07' 10" E (Provisional)
	Topo Sheet No.	55 P/3 & 55 L/15
	Coalfield	Wardha Valley Coalfield
	Villages	Kesurli, Bhadrawati
	Tehsil/Taluka	Bhadrawati
	District	Chandrapur
	State	Maharashtra
2.	Connectivity with Block	
	Nearest Rail Head	The nearest railway station Bhandak is lying around 7 Km from the block. And, the Warora railway station on Delhi-Chennai Railway main line is about 10 Km. from the block. Chandrapur Railway Station which is lying on the same main Railway line of South Central Railways is located in the SW of the block at a distance of about 35 km.
	Road	The area can be well approached from Nagpur by State Highway road (Jamb-Warora-Chandrapur-Rajura) No.SH-264 via NH-7 (Nagpur-Jamb). Warora Township is lying at a distance of around 15 Kms. and 8 Kms. respectively from the block.
	Airport	-
3.	Area	
	Geological Block Area	5.35 Sq. Km. (As per shape file, refer note below)
	Green Cover	Approx. 3% (As per FSI Map)
	Non-Forest Area	Approx. 97%
4.	Climate and Topography	
	Average Annual Rainfall	1325 mm
	Temperature (Min. — Max.)	8°C-48°C
	Local Surface Drainage Channels	The main drainage of the area is controlled by the southerly flowing perennial Wardha River and is located at about 3.5 kms south west of the area. One seasonal nala is flowing across the block in north westerly direction and ultimately join Wardha River through Kondha nala near Kadholi village.
	Rivers	-
5.	Exploration	
	Status	Explored

	Exploration Agency	CMPDIL			
	Total Number of Boreholes with meterage	62 boreholes & 14386.35 m			
	Borehole Density	About 11.58 boreholes per sq. km			
	General Dip of Seams	Strata is dipping due WSW to West in Western part (i.e. Down throw side) of the Fault F7-F7. Meanwhile, Dip of the strata in Easter side (i.e. Up throw side) of the Fault F7-F7 is ENE. Dip amount of the strata varies from 6° to 18°.			
	General Strike Direction	NNW-SSE in the northern part of the block and N-S in southern part of the block with minor swings.			
	Faults	Total 17 faults have been interpreted in the block. Throw of the faults vary from 0 m to 220 m.			
6.	Coal Seams & Resources				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Resources (MT)	Grade
	Upper Seam	0.34-3.15	54.05-278.40	11.02	G12-G17
	Composite Seam	12.66-18.80	51.70-348.00	81.501	G7-G13
	Total			92.521	
7.	Surface Constraints	NA			
8.	Grade of coal	G10 (Provisional) based on weighted average grade of grade-wise data given in the GR.			
9.	Decision Support System (DSS) Analysis	Hydrology info: The polygon touches major river(s). Wildlife info: The polygon touches Wildlife Habitat(s), Sloth Bear, Dhole, and Great Indian Bustard.			
10.	Eco Sensitive Zone (ESZ) Analysis	The ESZ boundary of Tadoba Andheri and TA-PA of TADOBA TIGER RESERV is Approx.12.8 km away from Eastern block boundary and ESZ boundary of Tppeshwar WLS is Approx.57 km away from S-W block boundary. Also, the tiger corridor between Kanha & Indravati is Approx.60 km away from Eastern block boundary and TA-PA of Bor is Approx.94 km away from N-W block boundary.			

PART B

Sr. No.	Features	Details
1	Tentative Peak rated Capacity	0.25 Mty

Note:

- The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.

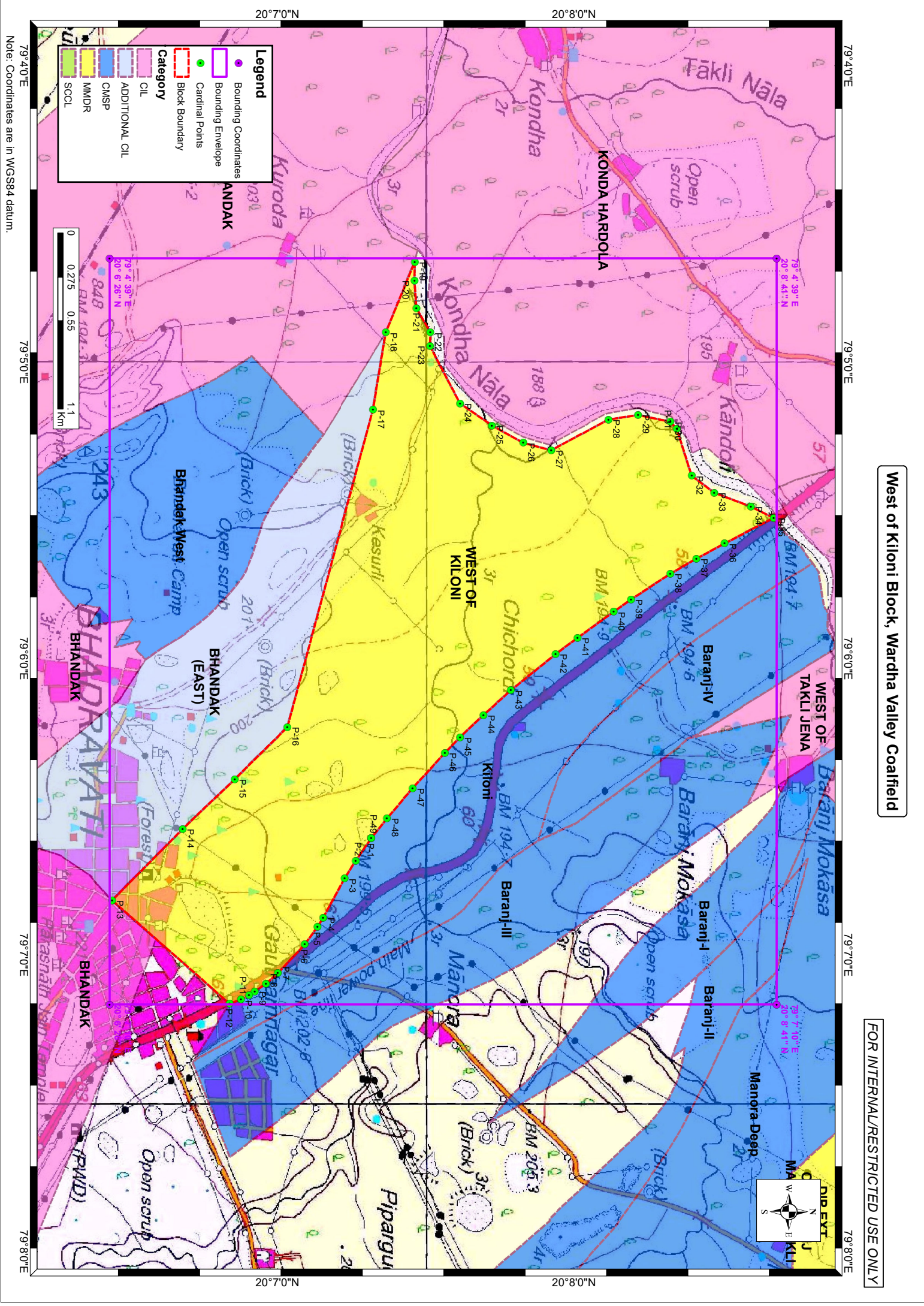
2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding coordinates are approximate.
3. There is a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.
4. The summary has been compiled from “Geological Report on Exploration for Coal in West of Kiloni (Non CIL) Block, Wardha Valley Coalfield, District-Chandrapur, Maharashtra, CMPDIL-2013”.

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.

West of Kiloni Block, Wardha Valley Coalfield

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Legend

- Bounding Coordinates
- Bounding Envelope
- Cardinal Points
- Block Boundary
- Category
- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



Note: Coordinates are in WGS84 datum.

20°7'0"N

20°8'0"N

79°4'0"E 79°5'0"E 79°6'0"E 79°7'0"E 79°8'0"E

79°4'0"E 79°5'0"E 79°6'0"E 79°7'0"E 79°8'0"E

Provisional Cardinal Points for WEST OF KILONI Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	79° 6' 36.389" E	20° 7' 18.920" N
P-2	79° 6' 40.907" E	20° 7' 15.783" N
P-3	79° 6' 44.537" E	20° 7' 13.522" N
P-4	79° 6' 52.422" E	20° 7' 9.183" N
P-5	79° 6' 54.281" E	20° 7' 8.062" N
P-6	79° 6' 57.851" E	20° 7' 5.460" N
P-7	79° 7' 3.662" E	20° 7' 0.051" N
P-8	79° 7' 5.829" E	20° 6' 57.605" N
P-9	79° 7' 7.340" E	20° 6' 55.348" N
P-10	79° 7' 8.105" E	20° 6' 54.194" N
P-11	79° 7' 8.994" E	20° 6' 52.540" N
P-12	79° 7' 9.833" E	20° 6' 50.251" N
P-13	79° 6' 48.918" E	20° 6' 26.505" N
P-14	79° 6' 34.511" E	20° 6' 40.734" N
P-15	79° 6' 24.430" E	20° 6' 51.294" N
P-16	79° 6' 13.857" E	20° 7' 1.974" N
P-17	79° 5' 9.629" E	20° 7' 19.281" N
P-18	79° 4' 54.010" E	20° 7' 21.870" N
P-19	79° 4' 39.747" E	20° 7' 27.740" N
P-20	79° 4' 43.529" E	20° 7' 27.698" N
P-21	79° 4' 49.097" E	20° 7' 28.101" N
P-22	79° 4' 53.997" E	20° 7' 30.900" N
P-23	79° 4' 56.738" E	20° 7' 30.803" N
P-24	79° 5' 8.378" E	20° 7' 36.929" N
P-25	79° 5' 12.801" E	20° 7' 43.329" N
P-26	79° 5' 16.361" E	20° 7' 49.733" N
P-27	79° 5' 17.837" E	20° 7' 55.372" N
P-28	79° 5' 11.631" E	20° 8' 6.954" N
P-29	79° 5' 10.697" E	20° 8' 12.952" N
P-30	79° 5' 12.077" E	20° 8' 19.447" N
P-31	79° 5' 13.480" E	20° 8' 20.765" N
P-32	79° 5' 22.977" E	20° 8' 23.788" N
P-33	79° 5' 26.468" E	20° 8' 28.348" N
P-34	79° 5' 29.221" E	20° 8' 35.755" N
P-35	79° 5' 31.523" E	20° 8' 40.384" N
P-36	79° 5' 36.714" E	20° 8' 30.473" N
P-37	79° 5' 39.786" E	20° 8' 24.725" N
P-38	79° 5' 42.860" E	20° 8' 19.451" N
P-39	79° 5' 48.050" E	20° 8' 11.486" N
P-40	79° 5' 50.532" E	20° 8' 7.999" N
P-41	79° 5' 55.791" E	20° 8' 0.700" N
P-42	79° 5' 59.115" E	20° 7' 56.244" N
P-43	79° 6' 6.423" E	20° 7' 47.202" N
P-44	79° 6' 11.432" E	20° 7' 41.646" N
P-45	79° 6' 15.895" E	20° 7' 36.905" N
P-46	79° 6' 19.092" E	20° 7' 33.856" N
P-47	79° 6' 26.206" E	20° 7' 27.310" N

Provisional Cardinal Points for WEST OF KILONI Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	79° 6' 32.345" E	20° 7' 22.124" N

Note: The provisional cardinal points are in WGS84 coordinate system. These points are extracted through ArcGIS software after georeferencing of block boundary and onground DGPS survey is required to ascertain the exact location of the points.