

KALAMBI KALMESHWAR COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	KALAMBI KALMESHWAR
	Latitude	21° 10' 36" N-21° 13' 34" N (Provisional)
	Longitude	78° 53' 37" E-78° 55' 58" E (Provisional)
	Topo Sheet No.	55 K/16 (RF 1 : 50,000)
	Coalfield	Katol Basin
	Villages	Kalambi, Selu
	Tehsil/Taluka	
	District	Nagpur
	State	Maharashtra
2.	Connectivity with Block	
	Nearest Rail Head	The Kalmeshwar railway station on Nagpur-New Delhi main line of Central Railway is within 1/2 km. distance from the northern boundary of the block.
	Road	The Katol - Nagpur State highway No.248 passes 1/2 km. north of the northern boundary of the block. An 11 km. long all weather road from Kalmeshwar to Gondkhairi passes through the western part of the block and connects the SH 248 with National Highway No.6 (Nagpur-Amraoti Road).
	Airport	
3.	Area	
	Geological Block Area	14.4 sq.km. (As per shape file. Refer note below)
	Forest Area	1 %
	Non-Forest Area	99 %
4.	Climate and Topography	
	Average Annual Rainfall	1070 mm
	Temperature (Min. — Max.)	10° C-48° C
	Local Surface Drainage Channels	The area of the block is traversed by small seasonal streamlets flowing from west to east and south to north which finally drain into a northerly flowing main nala which forms the main drainage. It joins Saptadhara nadi about 5 k.m. north of Kalmeshwar. Saptadhara nadi ultimately joins Chandrabhaga nadi near Dhurkhera village.
	Rivers	Saptadhara nadi about 5 k.m. north of Kalmeshwar
5.	Exploration	
	Status	Regionally Explored
	Exploration Agency	MECL

	Total Number of Boreholes with	36 Boreholes, 14003.65 m (MECL: 15 BHs & CMPDI (Outsourced): 21 BHs)			
	Borehole Density	Approx. 2.5 Borehole/sq.km.			
	General Dip of Seams	6° to 10° westerly. It is 6° - 7° in the western part and 8° to 10° in the eastern part.			
	General Strike Direction	N-S in the southern part, N 30° E — S 30° W in central & northern part			
6.	Coal Seams & Reserve				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)	Grade
	X	0.45-2.30	136.23-550.60	18.656	G9-G15
	IX	0.36-0.70	147.51-404.50		G14
	VIII	0.60-2.16	104.99-468.31	21.232	G6-UG
	VII	0.52-1.33	363.88-591.42		
	VI	0.18	457.42		
	V	0.65-2.10	145.76-621.49	18.454	G4-G8
	IV				
	III	1.60-3.05	119.93-539.78	31.964	G3-G7
	Local				
	II	0.60-1.01	134.47-560.32	7.158	G3-G7
	I	0.12			
		Total		97.464	
7.	Surface Constraints	NA			
8.	Grade of Coal	G7 (Provisional), Based on weighted average grade of grade-wise data available in MECL RGR.			
9.	Decision Support System (DSS) Analysis	Wildlife info: The polygon touches Wildlife Habitat(s) of Gaur			
10.	Eco Sensitive Zone (ESZ)	Northern boundary of the block is approx. 27 km from the boundary of ESZ of Pench. Southern boundary of the block is approx. 23 km from the boundary of TR-PA of Bor.			

Note:

1. Summary is compiled from “Geological Report on Exploration for Coal (Under Promotional Program) Kalambi-Kalmeshwar Block Coalfield - Katol Basin District - Nagpur, Maharashtra. August-2002” & Documentation on Kalambi-Kalmeshwar Block, Kamptee Coalfield, Dist. Nagpur (MS).
2. The resources data has been taken from the RGR by MECL whereas the seam sequence, depth range and grade range has been taken from the documentation on Kalambi-Kalmeshwar Block.

Disclaimer:

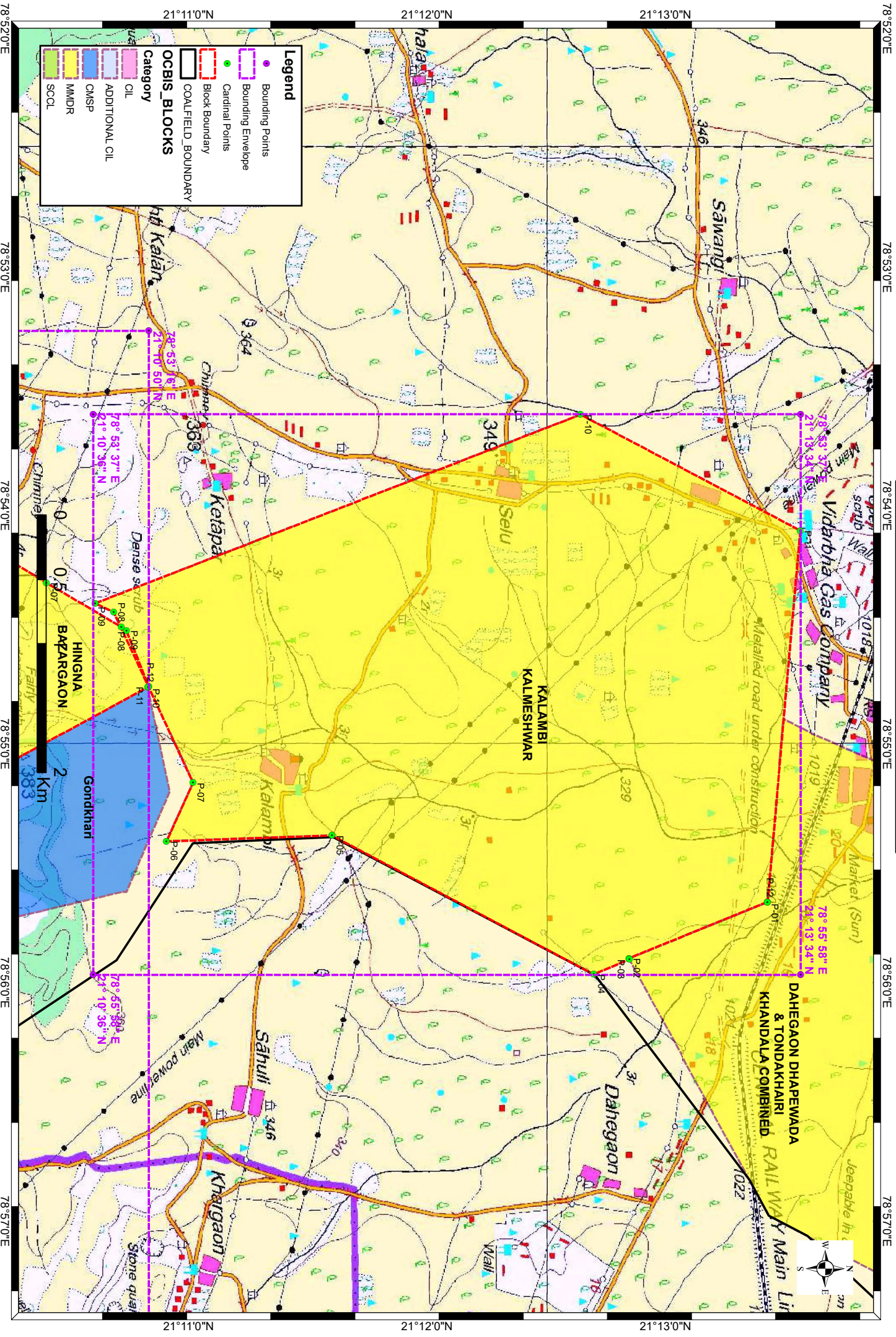
1. The analysis is done on Beta-version (Trial Version) of Decision Support System (DSS) of FSI / MOEF.
2. The Decision Rules for various parameters of this DSS System are controlled by FSI.
3. CMPDI only runs this DSS to obtain the status of any block based on these Decision Rules.
4. The database of 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.

Kalambi Kalmeshwar Block, Kamptee Coalfield

FOR INTERNAL/RESTRICTED USE ONLY



Legend

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

OCBIS_BLOCKS

Category

- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



0.507 Km
2 Km

21°11'0"N 21°12'0"N 21°13'0"N

78°52'0"E 78°53'0"E 78°54'0"E 78°55'0"E 78°56'0"E 78°57'0"E

Provisional Cardinal Points for KALAMBI KALMESHWAR Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	78° 55' 39.632" E	21° 13' 25.704" N
P-2	78° 55' 53.826" E	21° 12' 50.818" N
P-3	78° 55' 54.106" E	21° 12' 50.970" N
P-4	78° 55' 57.882" E	21° 12' 41.908" N
P-5	78° 55' 22.965" E	21° 11' 36.094" N
P-6	78° 55' 24.443" E	21° 10' 54.426" N
P-7	78° 55' 9.683" E	21° 11' 1.087" N
P-8	78° 54' 26.723" E	21° 10' 41.136" N
P-9	78° 54' 24.572" E	21° 10' 36.468" N
P-10	78° 53' 37.063" E	21° 12' 38.623" N
P-11	78° 54' 6.252" E	21° 13' 33.914" N