

KHAPPA & EXTENSION COAL BLOCK SUMMARY

PART A

Sr. No	Features	Details
1. Location		
	Coal Block	KHAPPA & EXTENSION
	Latitude	21° 16' 34" - 21° 19' 13" (Provisional)
	Longitude	79° 03' 42" - 79° 06' 28" (Provisional)
	Topo Sheet No.	55 O/3
	Coalfield	Kamptee
	Villages	Pipla Dak Bunglow, Dahegaon, Ranala, Chanakhapur & Khappa
	Tehsil/Taluka	Saoner
	District	Nagpur
	State	Maharashtra
2. Connectivity with Block		
	Nearest Rail Head	The nearest railway station Pipla on the Nagpur-Chhindwada narrow gauge line lies in the North Eastern part of the block.
	Road	The block is located on NH-69 which runs North-South through the property. Saoner township is at a distance of 20 km towards north of the block while Nagpur city is about 25 km south of the block.
	Airport	Nagpur (Approx. 25 km)
3. Area		
	Geological Block Area	6.5 sq.km. (As per shape file. Refer Note No. 3)
	Forest Area	Approx. 1% (As per FSI)
	Non-Forest Area	Approx. 99 %
4. Climate and Topography		
	Average Annual Rainfall	1050 mm
	Temperature (Min. — Max.)	8°C-48°C
	Local Surface Drainage Channels	The drainage of the block is controlled by the southerly flowing Kolar river which flows along the western edge of the block. A number of seasonal nullah originating from the higher elevations of the block drain into Kolar river.
	Rivers	
5. Exploration		
	Status	Explored in Detail
	Exploration Agency	CMPDI

	Total Number of Boreholes with meterage	88 Boreholes; 17637.70 m (85 Nos. in Khappa Block and 3 Nos. in Exn. Block)				
	Borehole Density	Approx. 13.5 Boreholes/sq.km.				
	General Dip of Seams	Gradient generally varies from 1 in 3.3 in SE part to 1 in 13 in the NW part.				
	General Strike Direction	General strike of the beds is NW-SE.				
	Faults	14 Faults, Throw ranging between 0 to more than 100 m				
6.	Coal Seams & Reserve					
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)		Grade
				Proved	Indicated	
	V	3.00-7.98		27.80		E-F
	IV T	0.32-2.12				D-F
	IV B	0.73-3.08		14.327		C-D
	III	0.23-2.77		9.668		B-C
	II	3.10-7.88		37.412		C
	I Top	0.25-1.95				B-D
		Total		89.207		
7.	Surface Constraints	NH-69 and SH-267 pass through the block.				
8.	Grade of the block	G8 (Provisional) based on weighted average grade as per data available in GR.				
9.	Decision Support System (DSS) Analysis	Hydrology info: The polygon touches major river(s)				
10.	Eco Sensitive Zone (ESZ) Analysis	Approx. 14.7 km to the Pench Maharashtra National Park from the Northern block boundary.				

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	M/s Sunflag Iron and Steel Ltd. and M/s Dalmia Cement Bharat Ltd.
2.	Peak Rated Capacity as per Mining Plan	
	Method of Mining	Underground mining
	Coal Extracted	NIL
	Mine Plan Extraction Rate	0.3 MTPA (As per mining plan)
3.	Status of Clearances/Approvals	
	Mining Plan(Reference to Grant)	Approved
	Forest Clearance(Reference to Grant)	N.A.
	Environmental Clearance(Reference to Grant)	N.A.
	Land Required	22.25 Acre of land required as per information submitted by the prior allottee
	Land Acquired	15.62 Acre of land acquired as per information submitted by the prior allottee
	R&R	Rehabilitation not required as per information submitted by the prior allottee

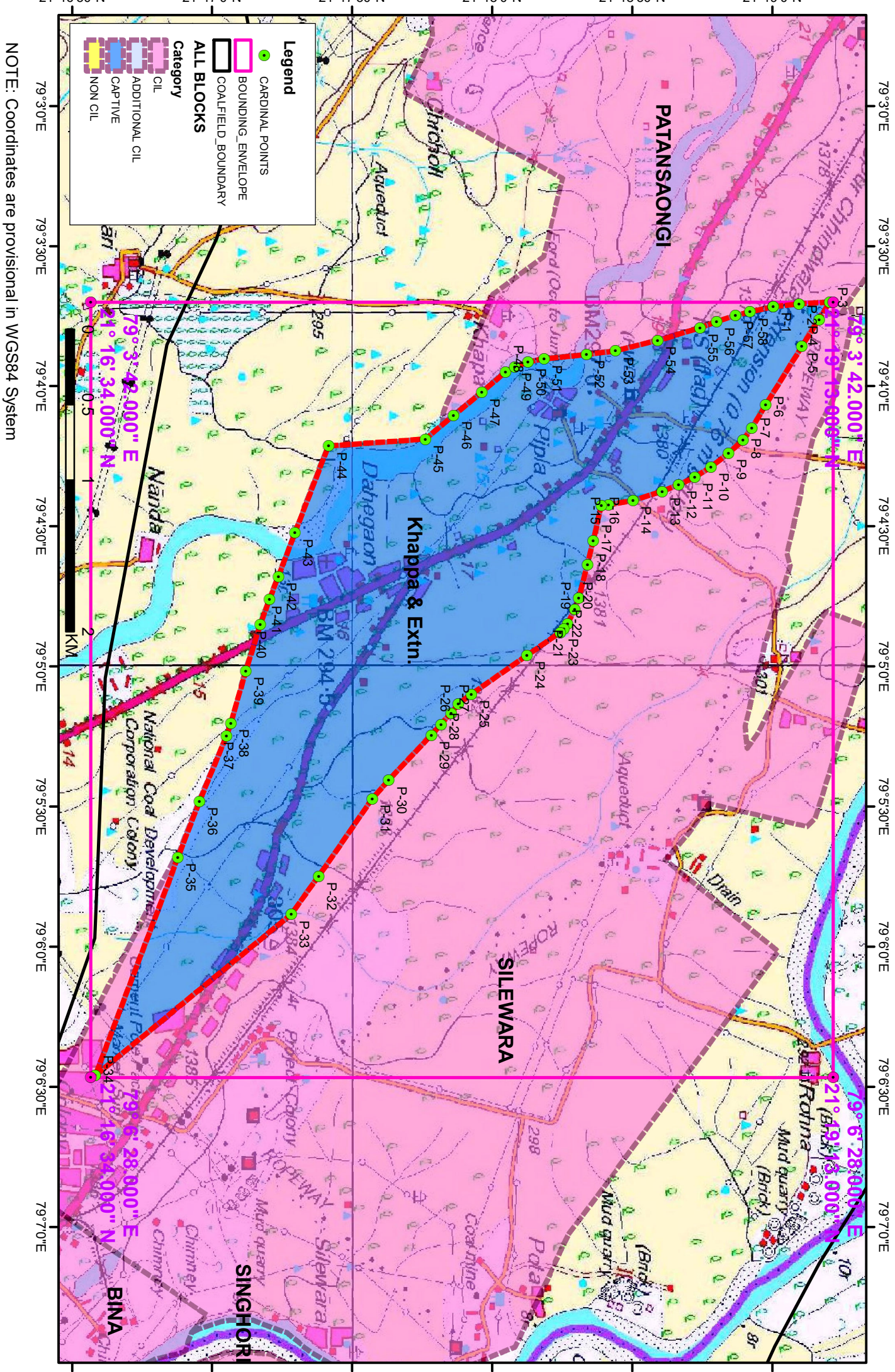
Note:

1. 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 co-ordinates 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.

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.

Khappa & Extension Block, Kamptee Coalfield



NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Khappa & Extn. Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	79° 3' 42.974" E	21° 19' 0.126" N
P-2	79° 3' 42.315" E	21° 19' 5.674" N
P-3	79° 3' 42.014" E	21° 19' 12.178" N
P-4	79° 3' 45.677" E	21° 19' 9.931" N
P-5	79° 3' 51.514" E	21° 19' 6.239" N
P-6	79° 4' 4.015" E	21° 18' 58.492" N
P-7	79° 4' 8.916" E	21° 18' 55.574" N
P-8	79° 4' 11.504" E	21° 18' 53.690" N
P-9	79° 4' 14.311" E	21° 18' 50.566" N
P-10	79° 4' 17.257" E	21° 18' 46.797" N
P-11	79° 4' 19.486" E	21° 18' 43.312" N
P-12	79° 4' 21.054" E	21° 18' 39.827" N
P-13	79° 4' 22.485" E	21° 18' 36.317" N
P-14	79° 4' 24.410" E	21° 18' 30.148" N
P-15	79° 4' 25.413" E	21° 18' 24.896" N
P-16	79° 4' 25.508" E	21° 18' 23.283" N
P-17	79° 4' 33.012" E	21° 18' 21.603" N
P-18	79° 4' 38.134" E	21° 18' 20.336" N
P-19	79° 4' 45.252" E	21° 18' 18.488" N
P-20	79° 4' 47.799" E	21° 18' 17.596" N
P-21	79° 4' 50.909" E	21° 18' 16.051" N
P-22	79° 4' 51.956" E	21° 18' 15.311" N
P-23	79° 4' 52.672" E	21° 18' 14.472" N
P-24	79° 4' 57.639" E	21° 18' 7.334" N
P-25	79° 5' 5.922" E	21° 17' 55.420" N
P-26	79° 5' 8.022" E	21° 17' 52.693" N
P-27	79° 5' 9.908" E	21° 17' 51.115" N
P-28	79° 5' 12.440" E	21° 17' 48.995" N
P-29	79° 5' 14.665" E	21° 17' 46.886" N
P-30	79° 5' 24.307" E	21° 17' 37.759" N
P-31	79° 5' 28.299" E	21° 17' 34.245" N
P-32	79° 5' 44.870" E	21° 17' 22.792" N
P-33	79° 5' 53.024" E	21° 17' 16.870" N
P-34	79° 6' 27.539" E	21° 16' 34.935" N
P-35	79° 5' 40.894" E	21° 16' 52.615" N
P-36	79° 5' 28.827" E	21° 16' 57.266" N
P-37	79° 5' 14.890" E	21° 17' 2.993" N
P-38	79° 5' 12.206" E	21° 17' 3.941" N
P-39	79° 5' 0.998" E	21° 17' 7.194" N
P-40	79° 4' 51.052" E	21° 17' 10.252" N
P-41	79° 4' 45.672" E	21° 17' 12.233" N
P-42	79° 4' 40.728" E	21° 17' 14.138" N
P-43	79° 4' 31.356" E	21° 17' 17.701" N
P-44	79° 4' 12.746" E	21° 17' 24.905" N
P-45	79° 4' 11.286" E	21° 17' 45.604" N
P-46	79° 4' 6.244" E	21° 17' 51.679" N
P-47	79° 4' 1.269" E	21° 17' 57.691" N

Provisional Cardinal Points for Khappa & Extn. Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	79° 3' 56.991" E	21° 18' 2.789" N
P-49	79° 3' 55.890" E	21° 18' 4.782" N
P-50	79° 3' 54.828" E	21° 18' 7.597" N
P-51	79° 3' 54.113" E	21° 18' 11.056" N
P-52	79° 3' 53.235" E	21° 18' 20.072" N
P-53	79° 3' 52.412" E	21° 18' 26.283" N
P-54	79° 3' 50.212" E	21° 18' 35.350" N
P-55	79° 3' 47.500" E	21° 18' 44.399" N
P-56	79° 3' 46.164" E	21° 18' 47.995" N
P-57	79° 3' 44.871" E	21° 18' 52.047" N
P-58	79° 3' 44.046" E	21° 18' 55.119" N