

JAGANATHPUR A COAL BLOCK SUMMARY

PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	JAGANATHPUR A
	Latitude	23° 37' 49" - 23° 39' 56" N (Provisional)
	Longitude	87° 20' 07" - 87° 23' 07" E (Provisional)
	Topo Sheet No.	73 M/2
	Coalfield	Raniganj
	Villages	Jagannathpur, Kailashpur, Kendula, Khatgaria, Amdohi (As per SoI Toposheet)
	Tehsil/Taluka	Durgapur
	District	Bardhman
	State	West Bengal
2.	Connectivity with Block	
	Nearest Rail Head	The nearest railway station is Durgapur (20km).
	Road	The area can be approached by road and rail. The block is situated 12 km north of NH-2. It is well connected through metal road with Durgapur city which is only 20 km away and Andal.
	Airport	Kolkata Airport
3.	Area	
	Geological Block Area	10.30 sq.km. (As per shape file. Refer Note No. 3)
	Green Cover	Approx. 12 % (As per FSI Map)
	Area excluding green cover	Approx. 88 % (As per FSI Map)
4.	Climate and Topography	
	Average Annual Rainfall	1200 mm
	Temperature (Min. — Max.)	10°C-40°C
	Local Surface Drainage Channels	Ponds are scattered over the entire area. The main drainage of the area, Tumni nala is flowing about 0.5 km away from the block in the east. Ajay river is about 2-3 km to the north and east of the bloc.
	Rivers	Ajay river
5.	Exploration	
	Status	Explored
	Exploration Agency	TATA Consulting Engineers Limited; October 2010
	Total Number of Boreholes with meterage	52 Boreholes; 28247.45 m

	Borehole Density	Approx. 5 Boreholes/sq.km.			
	General Dip of Seams	Dip varies between 4°-5 ° towards South with a tendency of becoming gentler towards south.			
	General Strike Direction	General trend of strata is almost E-W. There are local variations in the trend towards NE-SW.			
6.	Coal Seams & Reserve (217.961 MT Proved+49.37 MT Indicated)				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)	Grade
				Proved + Indicated	
	R-IX	0.48-3.35	60.33-321.58	30.87	D-F
	R-VIII (T)	0.30-2.60	122.40-383.14	4.82	F-G
	R-VIII (B)	0.59-2.40	136.41-380.45	1.88	C
	R-VII	1.20-3.04	114.11-430.70	30.34	E-G
	R-VII A&B	0.68-2.12	138.40-450.32	14.13	D-F
	R-VII C	0.06-1.59	180.04-510.55	0.35	D
	R-Local	0.19-3.93	201.10-533.14	7.50	F
	R-V (T)	1.85-4.72	248.10-563.00	48.67	B-D
	R-V (B)	0.94-3.54	268.73-570.23	30.80	D-G
	R-IV	0.46-3.69	273.20-602.00	24.09	B-F
	R-III/II	3.02-8.84	223.40-668.35	73.88	B-D
		Total		267.331	
7.	Surface Constraints /Features	Road passes 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				
10.	Eco Sensitive Zone (ESZ) Analysis	Approx. 95.2 km to the Parasnath ESZ from the North-western block boundary.			

PART B

Sr. No.	Features	Details
1.	Previous Allocation	
	Name of Allocatee	West Bengal Mineral Development and Trading Corporation Limited (WBMDTCL)
	Address	West Bengal Mineral Development and Trading Corporation Limited (WBMDTCL) 13, Nelli Sengupta Sarani (Lindsay Street) 2 nd Floor, Post Box No : 9026, Kolkata-700087, India
2.	Status of Mineral Exploitation	
	Target capacity as per Mining Plan	0.6 MTPA (Mining Plan available but not approved)
3.	Status of Clearances/Approvals	
	Mining Plan (Reference to Grant)	N.A.
	Forest Clearance (Reference to Grant)	N.A.
	Environmental Clearance (Reference to Grant)	N.A.
	Land Acquired	N.A.

Note:

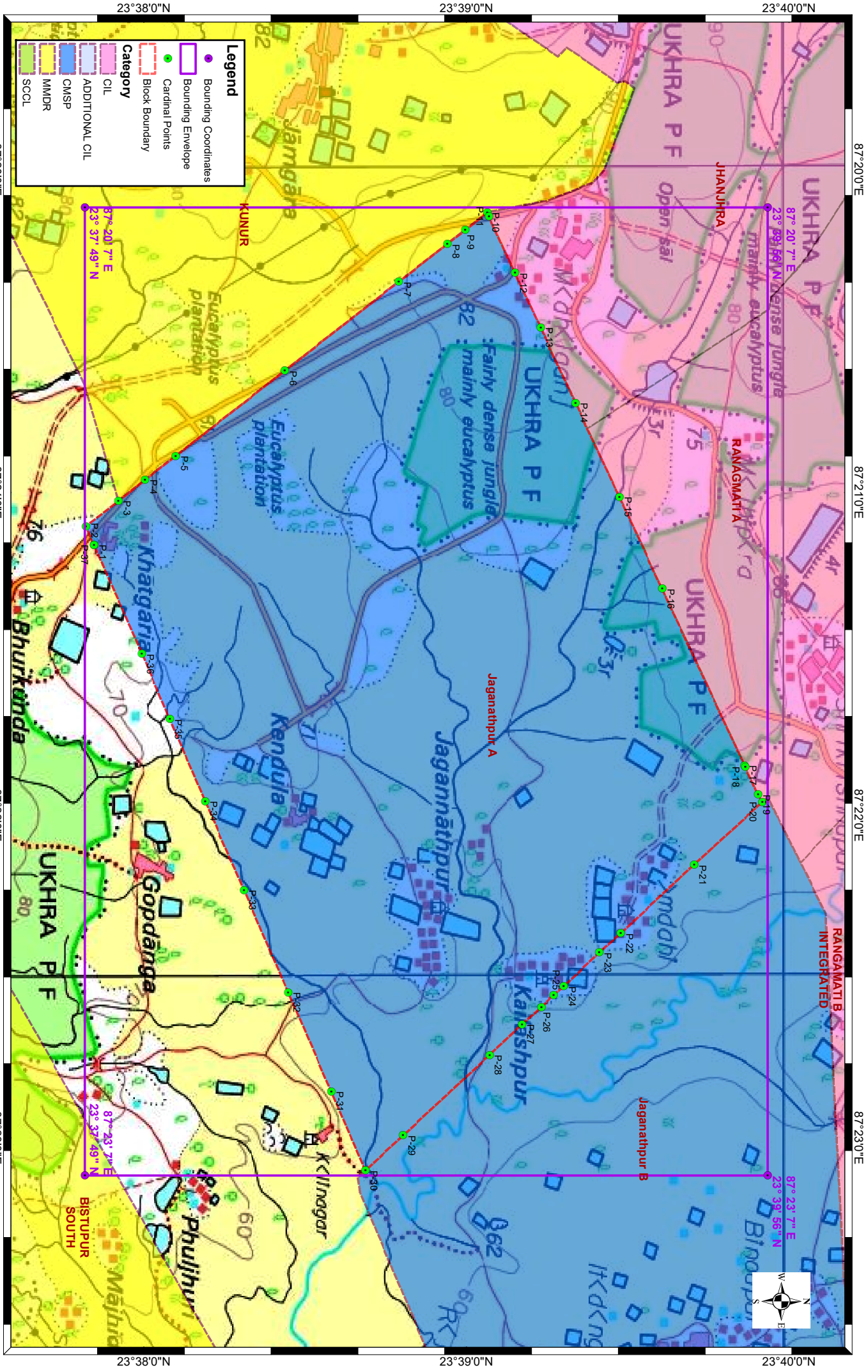
1. The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.
2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
3. There may be 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.

Jaganathpur A Block, Raniganj Coalfield

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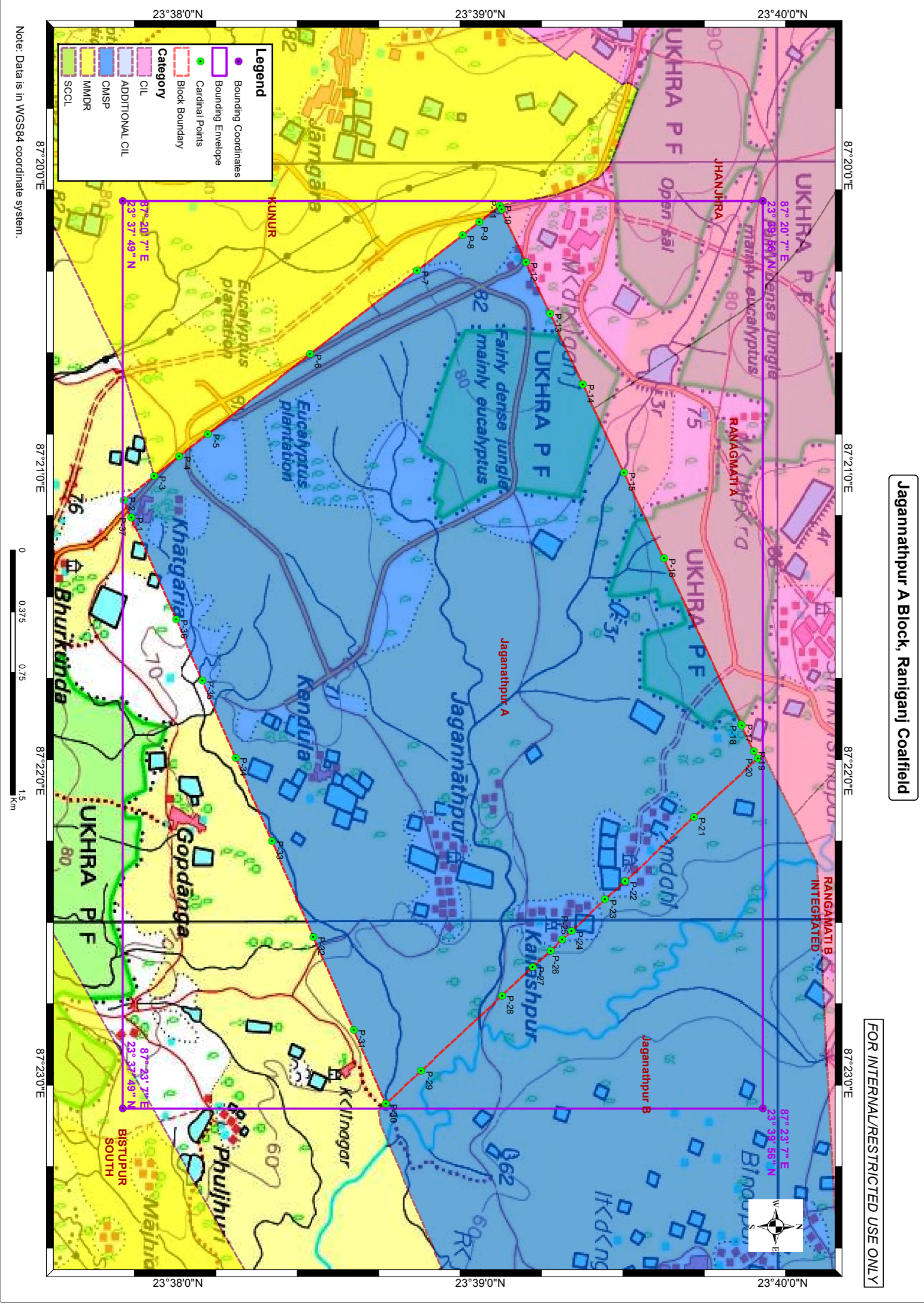
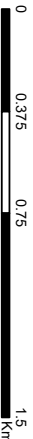
Legend

- Bounding Coordinates
- Bounding Envelope
- Cardinal Points
- Block Boundary

Category

- CIL
- ADDITIONAL CIL
- C MSP
- MMDR
- SCCL

Note: Data is in WGS84 coordinate system.



Provisional Cardinal Points for Jaganathpur A Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	87° 21' 9.741" E	23° 37' 50.742" N
P-2	87° 21' 6.310" E	23° 37' 49.227" N
P-3	87° 21' 1.556" E	23° 37' 55.268" N
P-4	87° 20' 57.677" E	23° 38' 0.199" N
P-5	87° 20' 53.240" E	23° 38' 5.932" N
P-6	87° 20' 37.378" E	23° 38' 26.212" N
P-7	87° 20' 20.861" E	23° 38' 47.402" N
P-8	87° 20' 13.816" E	23° 38' 56.411" N
P-9	87° 20' 11.198" E	23° 38' 59.760" N
P-10	87° 20' 7.910" E	23° 39' 3.880" N
P-11	87° 20' 8.697" E	23° 39' 4.205" N
P-12	87° 20' 19.164" E	23° 39' 9.032" N
P-13	87° 20' 29.372" E	23° 39' 13.807" N
P-14	87° 20' 43.327" E	23° 39' 20.285" N
P-15	87° 21' 0.842" E	23° 39' 28.449" N
P-16	87° 21' 17.894" E	23° 39' 36.396" N
P-17	87° 21' 50.741" E	23° 39' 51.718" N
P-18	87° 21' 51.019" E	23° 39' 51.846" N
P-19	87° 21' 56.121" E	23° 39' 54.216" N
P-20	87° 21' 57.549" E	23° 39' 55.037" N
P-21	87° 22' 9.197" E	23° 39' 42.334" N
P-22	87° 22' 21.967" E	23° 39' 28.692" N
P-23	87° 22' 25.552" E	23° 39' 24.705" N
P-24	87° 22' 31.838" E	23° 39' 18.068" N
P-25	87° 22' 33.520" E	23° 39' 16.175" N
P-26	87° 22' 35.715" E	23° 39' 13.905" N
P-27	87° 22' 38.897" E	23° 39' 10.325" N
P-28	87° 22' 44.553" E	23° 39' 4.306" N
P-29	87° 22' 59.519" E	23° 38' 48.230" N
P-30	87° 23' 6.035" E	23° 38' 41.195" N
P-31	87° 22' 51.351" E	23° 38' 34.858" N
P-32	87° 22' 32.966" E	23° 38' 26.856" N
P-33	87° 22' 13.944" E	23° 38' 18.610" N
P-34	87° 21' 57.369" E	23° 38' 11.412" N
P-35	87° 21' 42.149" E	23° 38' 4.809" N
P-36	87° 21' 29.999" E	23° 37' 59.593" 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.