GOTITORIA EAST COAL BLOCK SUMMARY

PART A

Gotitoria East

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Gotitoria East**
	Latitude	22° 44' 00" N – 22° 45' 05" N (Provisional)
	Longitude	78° 48' 47" E – 78° 49' 32" E (Provisional)
	Topo Sheet No.	55 J/14
	Coalfield	Mohapani
	Villages	Gotitoria
	Tehsil/Taluka	Gadarwara
	District	Narsinghpur
	State	Madhya Pradesh
2.	**Connectivity with Block**	
	Nearest Rail Head	Gadarwara railway station on Jabalpur-Itarsi section of Central railway at about 20 km.
	Road	Mohapani coalfield is connected with Gadarwara railway station on Jabalpur-Itarsi section of Central railway by a 20 km long metalled road.
3.	**Area**	
	Geological Block Area	1.12 sq.km. (As per shape file.)
	Forest Area	Approx. 80 % (As per FSI Map)
	Non-Forest Area	Approx. 20 %
4.	**Climate and Topography**	
	Local Surface Drainage Channels	The drainage of the area is controlled by Sitarewa river flowing in the northerly direction in the eastern part of the coalfield, ultimately joining the Narmada River. Numerous small nalas running down from the hill flow through the area and join the Sitarewa River.
	Rivers	Sitarewa River
5.	**Exploration**	
	Status	Explored in Detail
	Exploration Agency	CMPDIL
	Total Number of Boreholes with meterage	51 Boreholes; 5556.45 m
	General Dip of Seams	1 in 4 to 5 towards SE in southern part.
	General Strike Direction	NE-SW in the southern part, gradually changing to NS in the central part and NW-SE in northern part.

6.	**Coal Seams & Reserve**			
	Number of Coal Seams	Thickness Range (m)	Geological Reserve (MT)	Grade
	Seam-IV	0.65-7.67	1.341	B-G
	Seam-III	2.65-22.40	3.157	C-G
	Seam-II	0.36-3.20	0.648	A-F
	Seam-I	0.30-3.03		
	Seam-0	0.63-1.90		
		Total	**5.146**	
7.	**Surface Constraints**	NA		

Gotitoria West

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Gotitoria West**
	Latitude	22° 44' 04" N – 22° 44' 49" N (Provisional)
	Longitude	78° 47' 23" E – 78° 48' 55" E (Provisional)
	Topo Sheet No.	55 J/13 & J/14
	Coalfield	Mohpani
	Villages	Gotitoria
	Tehsil/Taluka	Gadarwara
	District	Narsinghpur
	State	Madhya Pradesh
2.	**Connectivity with Block**	
	Nearest Rail Head	Gadarwara railway station on Jabalpur-Itarsi section of Central railway at about 20 km.
	Road	Mohapani coalfield is connected with Gadarwara railway station on Jabalpur-Itarsi section of Central railway by a 20 km long metalled road.
3.	**Area**	
	Geological Block Area	2.04 sq.km. (As per shape file)
	Forest Area	Approx. 5 % (As per FSI Map)
	Non-Forest Area	Approx. 95 %
4.	**Surface Drainage**	
	Local Surface Drainage Channels	The Sitarewa River in the east and Umer nala in the west are the principal drainage in the area flowing south to north. Besides these, seasonal nalas flowing S-N, dissect the area.
	Rivers	Sitarewa River

5.	**Exploration**				
	Status	Explored in Detail			
	Exploration Agency	CMPDIL			
	Total Number of Boreholes with meterage	44 Boreholes; 4900.45 m			
	General Dip of Seams	In the eastern limb - due east while in the western limb it is 1 in 4 due SW.			
	General Strike Direction	Anticlinal structure. N45°W-S4°5E in western limb & Almost N-S in eastern limb.			
6.	**Coal Seams & Reserve**				
	Number of Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT)	Grade
	Seam-IV T	1.08-2.57	15.17-87.99	0.94556	C-G
	Seam-IV B	0.91-2.64			
	Seam-III	3.40-8.56	21.00-93.16	3.25215	C-F
	Seam-II	0.36-1.85	22.10-127.43	0.39515	A-D
	Seam-I	0.21-2.57	24.24-127.97	0.66677	A-E
	Seam-0	0.14-0.90			
	Total			**5.25963**	
7.	**Surface Constraints**	NA			

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name of Allocatee	M/s. BLA Industries Limited
2.	**Status of Mineral Exploitation**	
	Method of Mining	Opencast Mining
	Coal Extracted	2.658 MT till 31.03.2014 (as per information submitted by the prior allottee)
	Mine Plan Extraction Rate	0.3 MTPA
3.	**Status of Clearances/Approvals**	
	Mining Plan	Approved
	Forest Clearance	Granted
	Environmental Clearance	Granted
	Mining Lease	Granted
	Land Required	408.658 Ha, as per information submitted by prior allottee
	Land Acquired	241.851 Ha (as per information submitted by prior allottee)

Note:

1. The boundary of the block has been taken from the Boundary map submitted to prior allottee (BLA Industries) by CMPDIL after conversion to WGS84 system by feature matching and highly tentative geo-referencing. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.

2. 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.

Gotitoria East Block, Mohpani Coalfield

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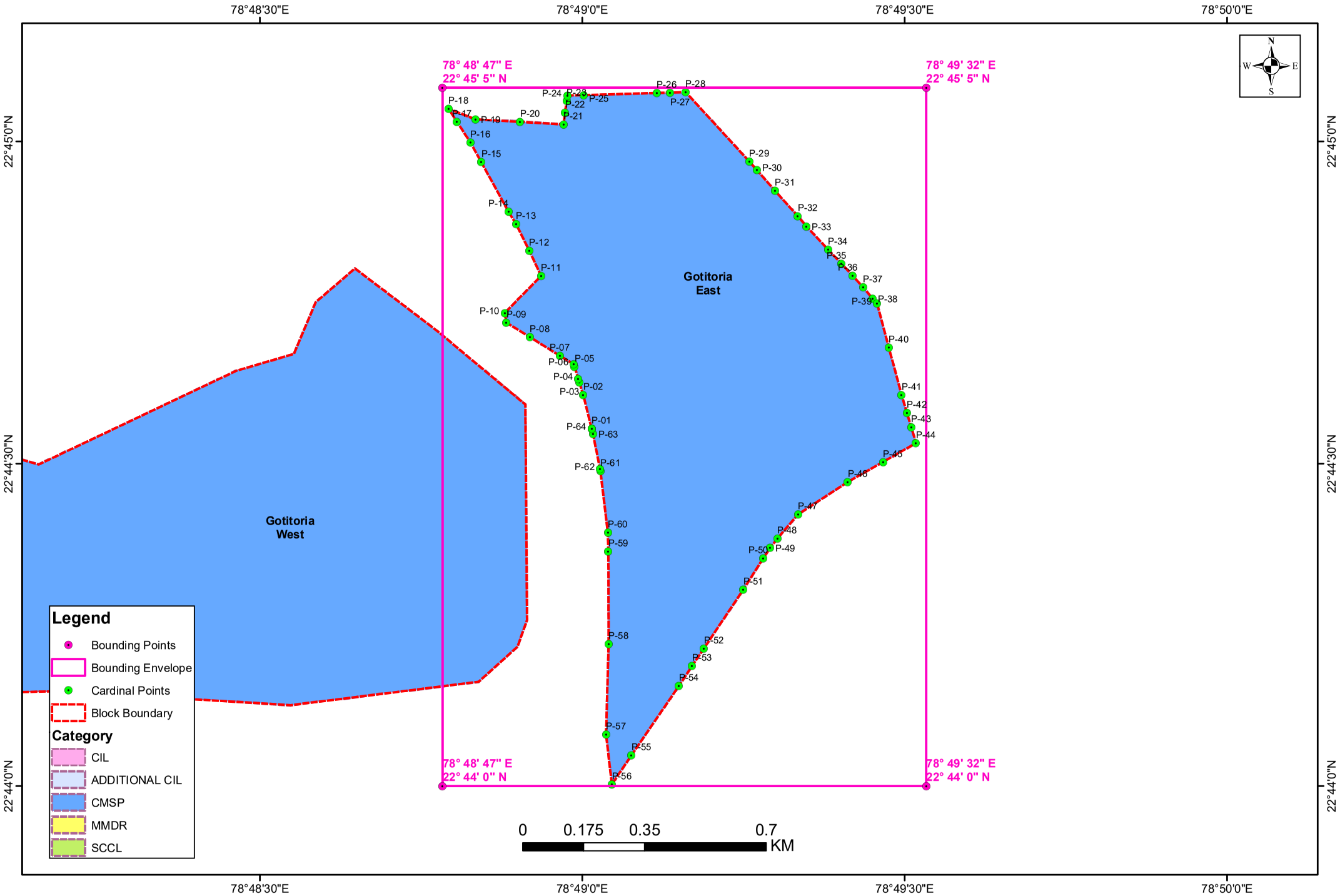

Note: The map is prepared on WGS84 coordinate system.

Provisional Co-ordinates of Cardinal Points for Gotitoria East Block

Point No.	Longitude (WGS84)	Latitude (WGS84)
P-1	78° 49' 0.859" E	22° 44' 33.253" N
P-2	78° 49' 0.078" E	22° 44' 36.407" N
P-3	78° 48' 59.718" E	22° 44' 37.578" N
P-4	78° 48' 59.620" E	22° 44' 37.899" N
P-5	78° 48' 59.270" E	22° 44' 39.025" N
P-6	78° 48' 59.195" E	22° 44' 39.264" N
P-7	78° 48' 57.906" E	22° 44' 40.056" N
P-8	78° 48' 55.114" E	22° 44' 41.786" N
P-9	78° 48' 52.929" E	22° 44' 43.135" N
P-10	78° 48' 52.775" E	22° 44' 44.018" N
P-11	78° 48' 56.163" E	22° 44' 47.487" N
P-12	78° 48' 55.058" E	22° 44' 49.826" N
P-13	78° 48' 53.824" E	22° 44' 52.310" N
P-14	78° 48' 53.122" E	22° 44' 53.462" N
P-15	78° 48' 50.586" E	22° 44' 58.077" N
P-16	78° 48' 49.571" E	22° 44' 59.901" N
P-17	78° 48' 48.340" E	22° 45' 1.817" N
P-18	78° 48' 47.543" E	22° 45' 3.039" N
P-19	78° 48' 50.051" E	22° 45' 2.051" N
P-20	78° 48' 54.216" E	22° 45' 1.807" N
P-21	78° 48' 58.243" E	22° 45' 1.574" N
P-22	78° 48' 58.392" E	22° 45' 2.674" N
P-23	78° 48' 58.541" E	22° 45' 3.771" N
P-24	78° 48' 58.592" E	22° 45' 4.267" N
P-25	78° 49' 0.131" E	22° 45' 4.303" N
P-26	78° 49' 6.924" E	22° 45' 4.507" N
P-27	78° 49' 8.173" E	22° 45' 4.529" N
P-28	78° 49' 9.607" E	22° 45' 4.592" N
P-29	78° 49' 15.534" E	22° 44' 58.117" N
P-30	78° 49' 16.231" E	22° 44' 57.342" N
P-31	78° 49' 17.914" E	22° 44' 55.413" N
P-32	78° 49' 20.055" E	22° 44' 53.035" N
P-33	78° 49' 20.860" E	22° 44' 52.079" N
P-34	78° 49' 22.862" E	22° 44' 49.930" N
P-35	78° 49' 24.106" E	22° 44' 48.619" N
P-36	78° 49' 25.163" E	22° 44' 47.499" N
P-37	78° 49' 26.107" E	22° 44' 46.423" N
P-38	78° 49' 27.017" E	22° 44' 45.362" N
P-39	78° 49' 27.418" E	22° 44' 44.913" N
P-40	78° 49' 28.515" E	22° 44' 40.822" N
P-41	78° 49' 29.714" E	22° 44' 36.395" N
P-42	78° 49' 30.198" E	22° 44' 34.733" N
P-43	78° 49' 30.609" E	22° 44' 33.396" N
P-44	78° 49' 31.048" E	22° 44' 31.921" N
P-45	78° 49' 27.966" E	22° 44' 30.153" N
P-46	78° 49' 24.690" E	22° 44' 28.296" N
P-47	78° 49' 20.071" E	22° 44' 25.287" N

Provisional Co-ordinates of Cardinal Points for Gotitoria East Block

Point No.	Longitude (WGS84)	Latitude (WGS84)
P-48	78° 49' 18.139" E	22° 44' 23.033" N
P-49	78° 49' 17.488" E	22° 44' 22.176" N
P-50	78° 49' 16.823" E	22° 44' 21.196" N
P-51	78° 49' 14.973" E	22° 44' 18.284" N
P-52	78° 49' 11.307" E	22° 44' 12.802" N
P-53	78° 49' 10.213" E	22° 44' 11.185" N
P-54	78° 49' 8.984" E	22° 44' 9.328" N
P-55	78° 49' 4.566" E	22° 44' 2.870" N
P-56	78° 49' 2.742" E	22° 44' 0.159" N
P-57	78° 49' 2.202" E	22° 44' 4.810" N
P-58	78° 49' 2.446" E	22° 44' 13.226" N
P-59	78° 49' 2.421" E	22° 44' 21.835" N
P-60	78° 49' 2.369" E	22° 44' 23.608" N
P-61	78° 49' 1.675" E	22° 44' 29.313" N
P-62	78° 49' 1.643" E	22° 44' 29.511" N
P-63	78° 49' 0.985" E	22° 44' 32.778" N
P-64	78° 49' 0.859" E	22° 44' 33.253" N

Gotitoria West Block, Mohpani Coalfield

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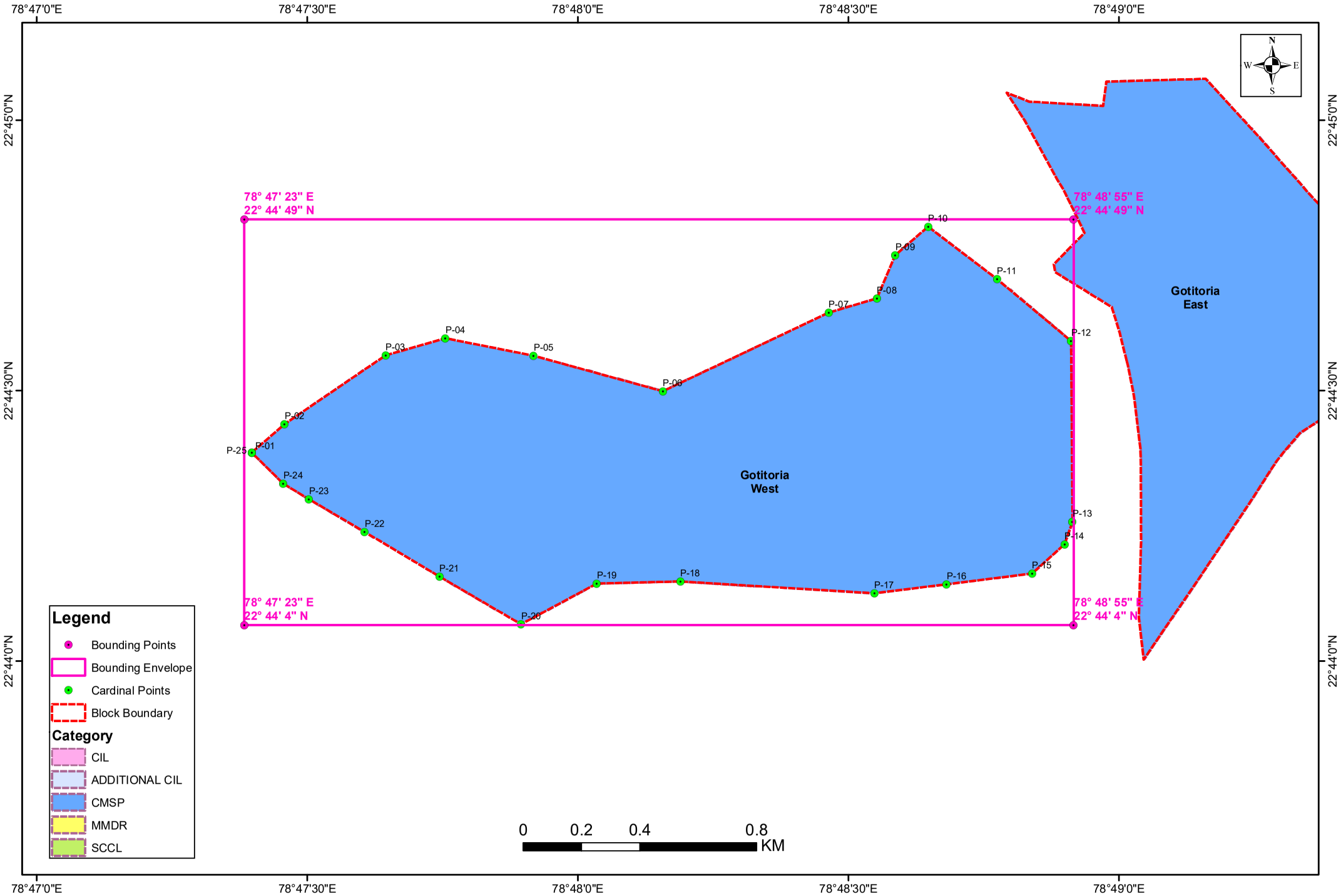

Note: The map is prepared on WGS84 coordinate system.

Provisional Co-ordinates of Cardinal Points for Gotitoria West Block

Point No.	Longitude (WGS84)	Latitude (WGS84)
P-1	78° 47' 23.824" E	22° 44' 23.127" N
P-2	78° 47' 27.477" E	22° 44' 26.286" N
P-3	78° 47' 38.675" E	22° 44' 33.918" N
P-4	78° 47' 45.315" E	22° 44' 35.806" N
P-5	78° 47' 55.106" E	22° 44' 33.871" N
P-6	78° 48' 9.412" E	22° 44' 29.930" N
P-7	78° 48' 27.825" E	22° 44' 38.655" N
P-8	78° 48' 33.159" E	22° 44' 40.222" N
P-9	78° 48' 35.184" E	22° 44' 45.021" N
P-10	78° 48' 38.833" E	22° 44' 48.176" N
P-11	78° 48' 46.471" E	22° 44' 42.374" N
P-12	78° 48' 54.694" E	22° 44' 35.504" N
P-13	78° 48' 54.853" E	22° 44' 15.455" N
P-14	78° 48' 53.955" E	22° 44' 12.947" N
P-15	78° 48' 50.357" E	22° 44' 9.712" N
P-16	78° 48' 40.907" E	22° 44' 8.520" N
P-17	78° 48' 32.862" E	22° 44' 7.526" N
P-18	78° 48' 11.356" E	22° 44' 8.833" N
P-19	78° 48' 2.094" E	22° 44' 8.600" N
P-20	78° 47' 53.706" E	22° 44' 4.083" N
P-21	78° 47' 44.647" E	22° 44' 9.382" N
P-22	78° 47' 36.353" E	22° 44' 14.328" N
P-23	78° 47' 30.173" E	22° 44' 17.964" N
P-24	78° 47' 27.320" E	22° 44' 19.686" N