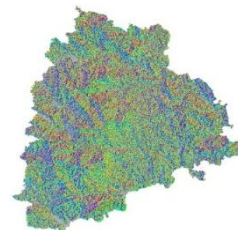
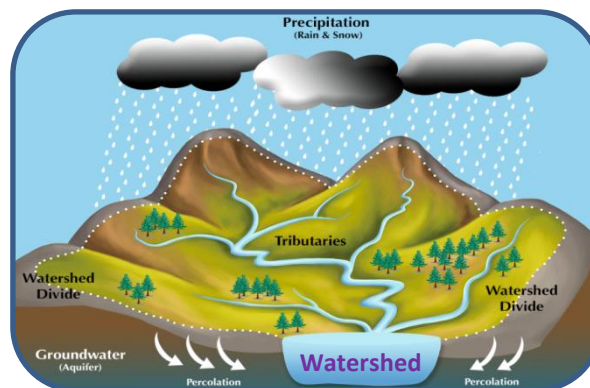


Government of Telangana – Forest Department



SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS



SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

Circle: Bhadradri
District: Bhadradri Kothagudem
Division: Yellandu

**Prepared at Geomatics Centre
O/o Prl.Chief Conservator of Forests
Aranya Bhavan, Saifabad
Hyderabad - 500004**

METHODOLOGY

Various methods are available to evaluate the suitability of locations for Percolation Tanks and other SMC structures using Arc GIS.

- A common approach is to use Geographic Information System (GIS) tools to decide the suitability by analysing factors like topography, vegetation density, distance to water sources, and terrain slope.
- Data was gathered from various sources, including the Raster Sentinel data obtained from the Copernicus open access hub.
- Elevation values were applied to the raster data using the SNAP software to create a Digital Elevation Model (DEM).
- Using Arc GIS, streams were mapped based on DEM, and potential percolation tank sites were identified based on stream order.
- Slope data generated from the CARTOSAT 30 m DEM (Source: Bhuvan) were also included in the analysis.
- By overlaying these spatial datasets and applying specific criteria, GIS can help identify optimal locations for building percolation tanks.
- Once the best location is identified, the catchment area is determined.
- The location is then ranked on the basis of catchment area and vegetation cover, with rankings ranging from I to V.



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

- Refer to the Site Suitability Map given by the GIS Cell for suitable locations
- Choose the best location for constructing a percolation tank based on the ranking priority. The priority for treatment of the watershed should be based on stream order, with primary streams taking precedence over secondary streams and secondary streams taking precedence over tertiary streams. This phased approach will ensure effective management of the watershed.
- Field conditions such as local climate, slope, vegetation and soil type must be considered when determining the location. It is important to move either upstream or downstream for a distance of about 50M, depending on the specific conditions of the site.
- It is essential to follow the priority given in the map. If no specific points are indicated, site suitability should be considered a determining factor.
- Encroached areas were not considered when demarcating points for constructing the Percolation tank.
- In the field, where streams are found at the optimal location, a percolation tank can be built if a point is missing on the map.
- The catchment area should also be considered when estimating the construction requirements like length of the bund, height of the bund, wear width etc., after verifying with the actual field conditions.
- Planting native vegetation around the tank can stabilize the soil, prevent erosion, and improve water absorption. Use plants that are well suited to the local environment.



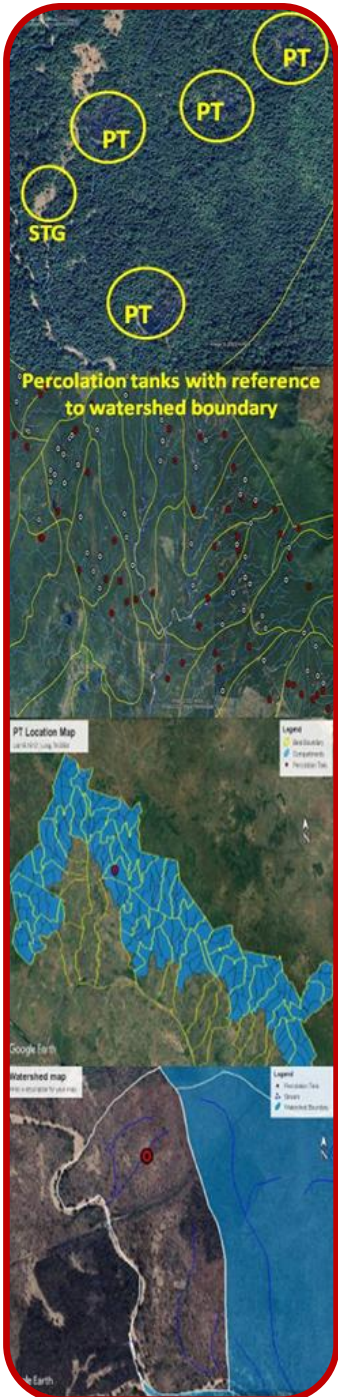
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

Index	Slope(Degrees)	Density Class
Highly suitable	0-5	Blank & Scrub
Moderately suitable	0-5	Open Forest
Least suitable	0-5	Dense Forest

Suitability criteria for Continuous/Staggered contour trenches

Rank	Slope classes (Degrees)	Density Classes
Highly Suitable	>5 and <= 10	Blanks
Moderately Suitable	>5 and <= 10	Scrub forest
Least suitable	>5 and <= 10	Open forest
	> 10 and < 25	Blanks & scrubs
MPTs and SGPs	>5 and <= 10	Dense Forest
	> 10 and < 25	Open and Dense forest





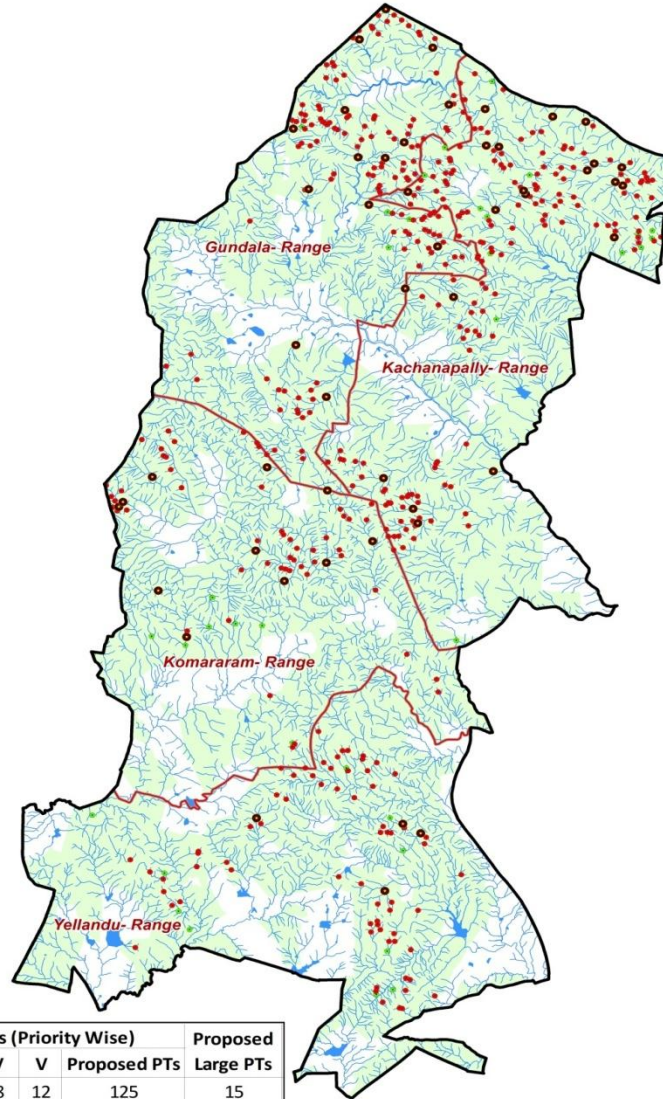
PRIORITY CLASSES FOR PERCOLATION TANK

Priority	Catchment Area(Ha)	Density Class
1	0-25	Scrub
	0-25	Blank
2	0-25	Open Forest
	25-50	Blank
3	25-50	Open Forest
	>50	Scrub & blank
4	0-25	Dense Forest
	>50	Open Forest
5	25-50	Dense Forest
	>50	Dense Forest

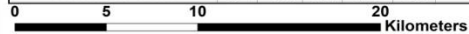




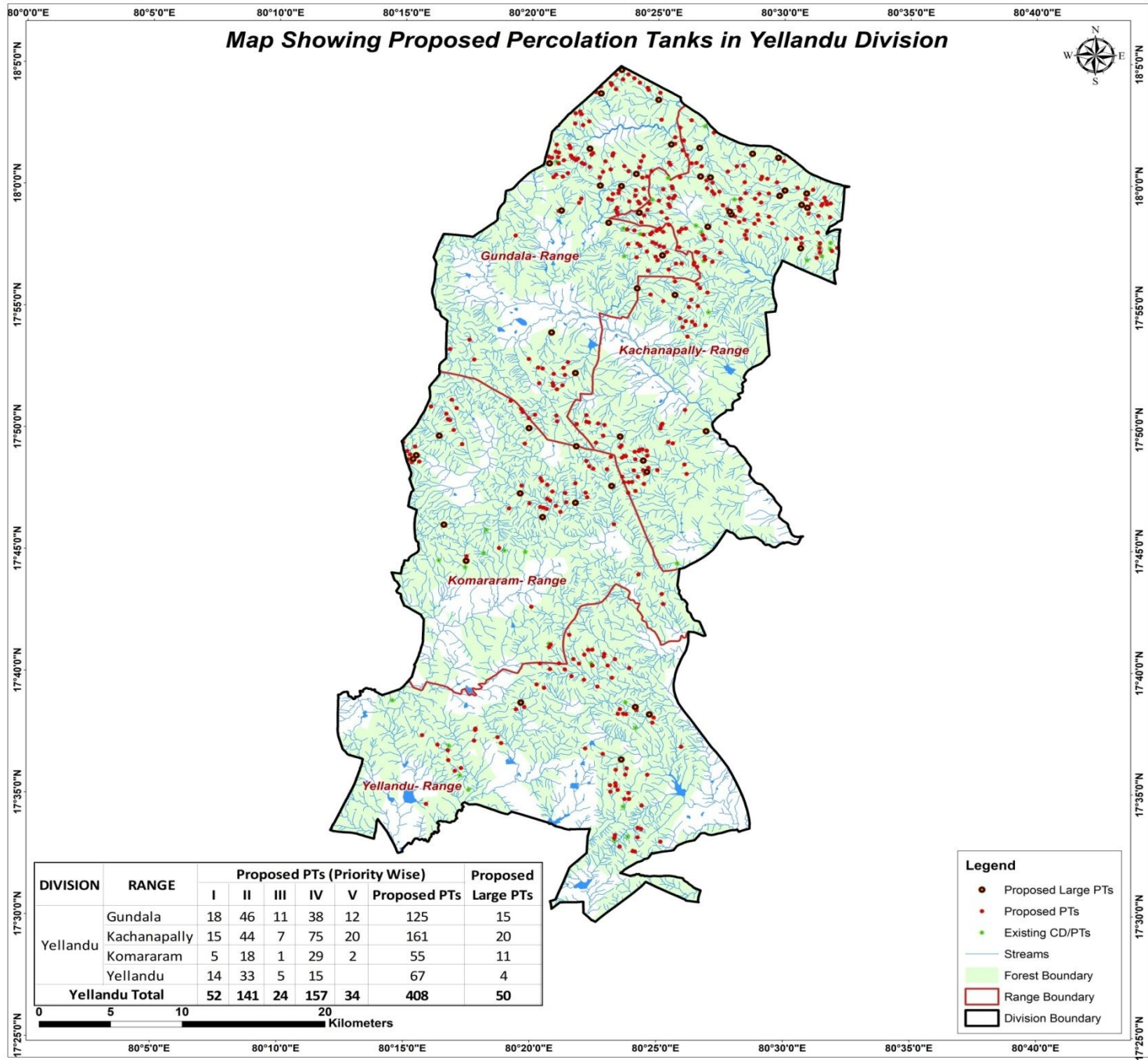
Map Showing Proposed Percolation Tanks in Yellandu Division



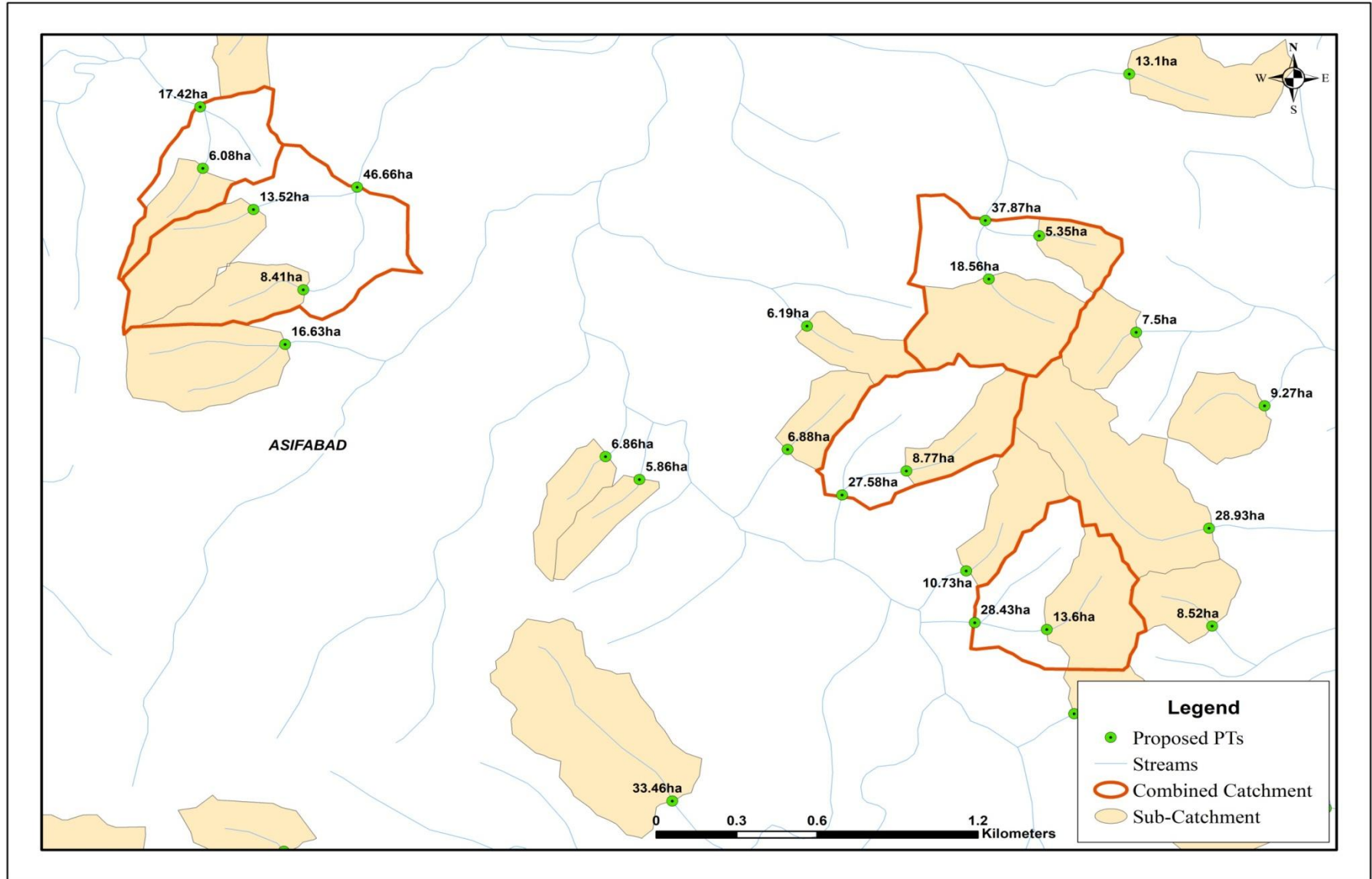
DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
		I	II	III	IV	V	
Yellandu	Gundala	18	46	11	38	12	125
	Kachanapally	15	44	7	75	20	161
	Komararam	5	18	1	29	2	55
	Yellandu	14	33	5	15		67
Yellandu Total		52	141	24	157	34	408



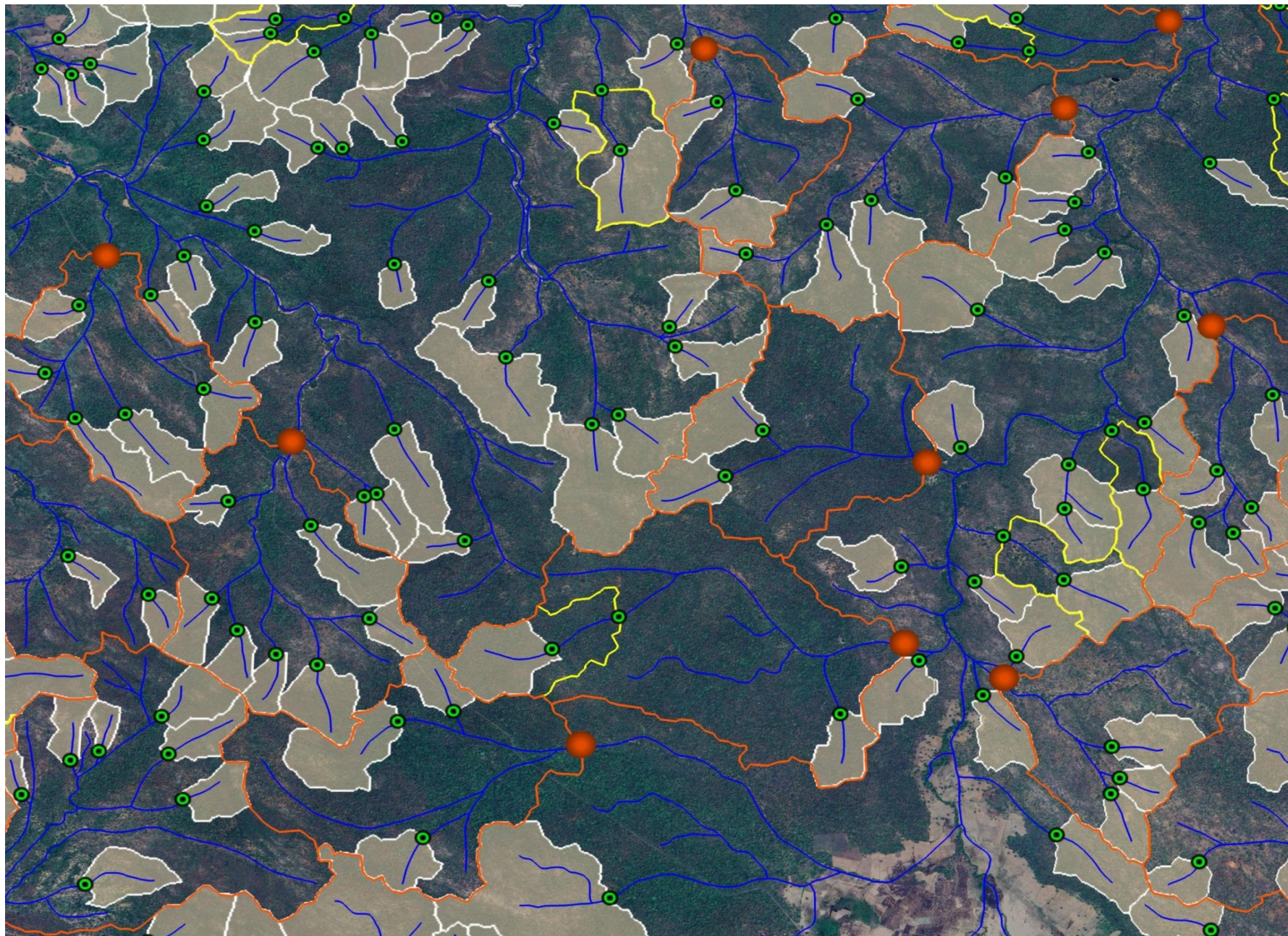
Legend	
●	Proposed Large PTs
●	Proposed PTs
●	Existing CD/PTs
	Streams
	Forest Boundary
	Range Boundary
	Division Boundary



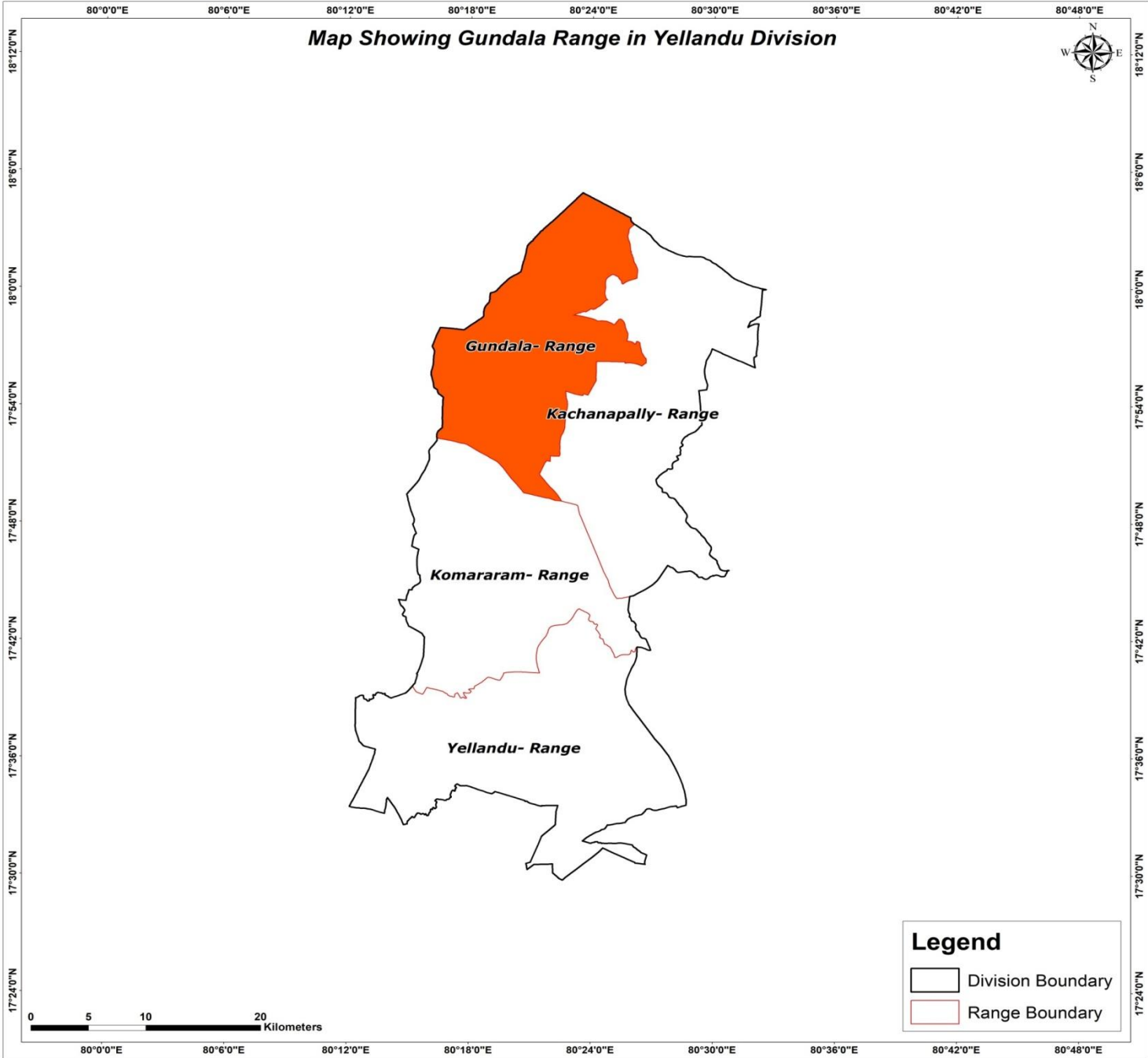
CATCHMENT AREA



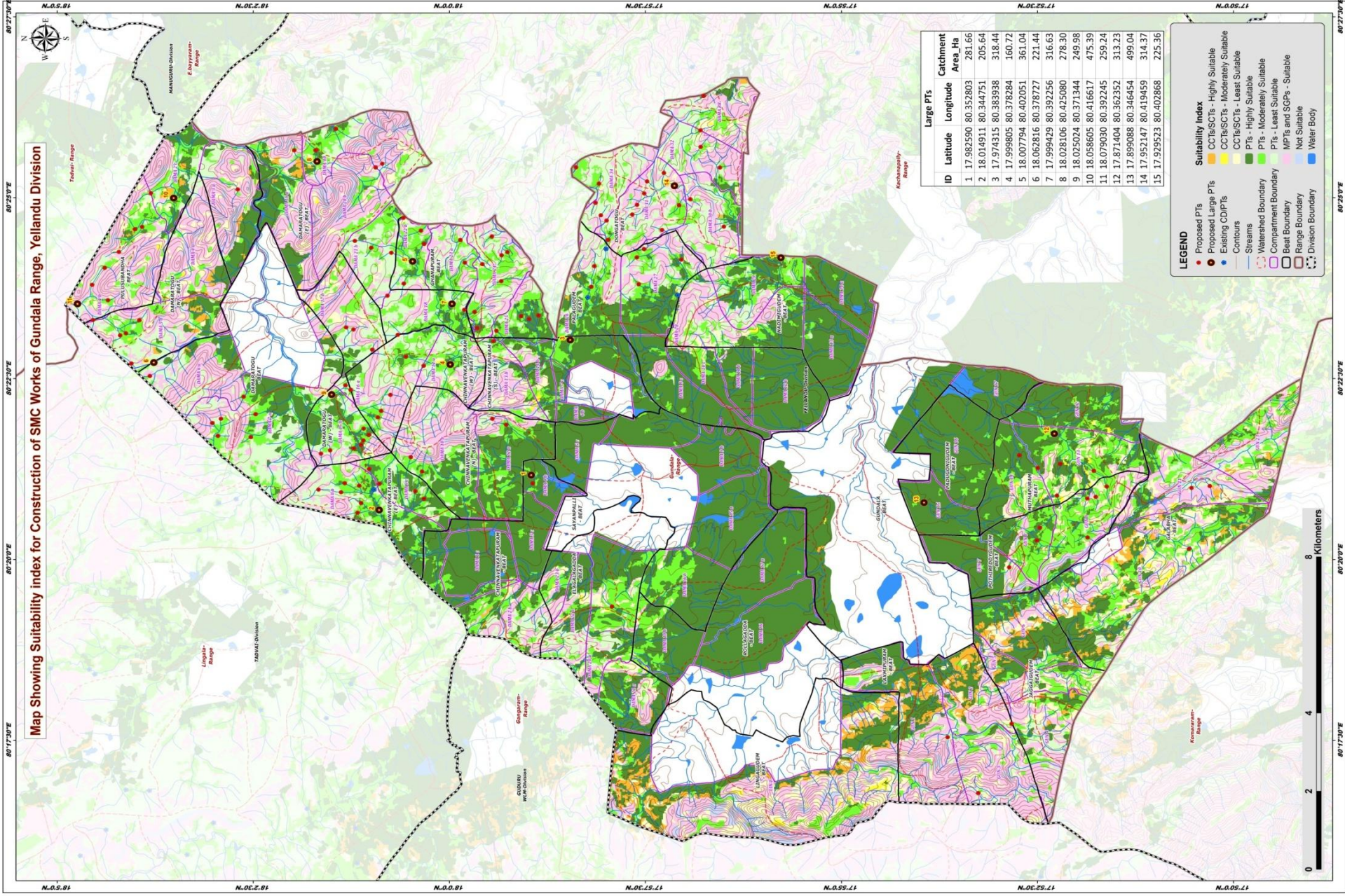
Sample Catchment Map



Map Showing Gundala Range in Yellandu Division



Map Showing Suitability index for Construction of SMC Works of Gundala Range, Yellandu Division



Large PTs		Catchment	
ID	Latitude	Longitude	Area_Ha
1	17.982590	80.352803	281.66
2	18.014911	80.344751	205.64
3	17.974315	80.383938	318.44
4	17.999805	80.378284	160.72
5	18.007794	80.402051	361.04
6	18.062816	80.378727	221.44
7	17.999429	80.392256	316.63
8	18.028106	80.425080	278.30
9	18.025024	80.371344	249.98
10	18.058605	80.416617	475.39
11	18.079030	80.392245	259.24
12	17.871404	80.362352	313.23
13	17.899088	80.346454	499.04
14	17.952147	80.419459	314.37
15	17.929523	80.402868	225.36

LEGEND

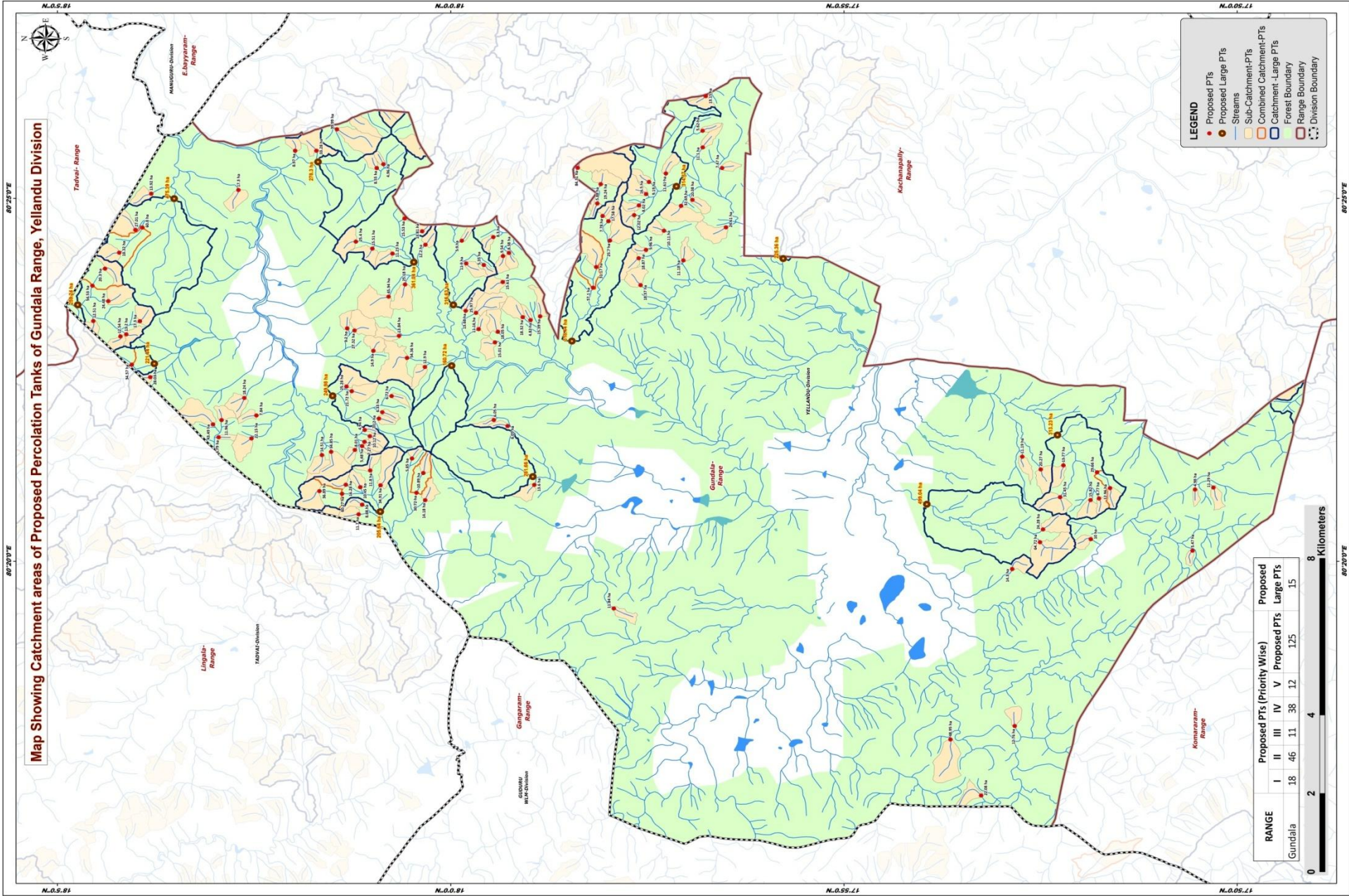
- Proposed PTs
- Existing Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary
- Water Body

Suitability Index

- CCTS/SCTs - Highly Suitable
- CCTS/SCTs - Moderately Suitable
- CCTS/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Gundala Range, Yellandu Division



Beat wise Abstract of Proposed PT's – Gundala Range

S. No.	Beat	Proposed PT's
1	CHINNAVENKATAPURAM	1
2	CHINNAVENKATAPURAM EAST	10
3	CHINNAVENKATAPURAM NORTH	4
4	CHINNAVENKATAPURAM SOUTH	1
5	CHINNAVENKATAPURAM WEST	5
6	DAMARATOGU	7
7	DAMARATOGU EAST	11
8	DAMARATOGU NORTH	5
9	DAMARATOGU WEST	12
10	DONGATOGU	19
11	ELAGALAGADDA	1
12	GALABHA	3
13	GHANAPURAM	17
14	LAXMIPURAM	3
15	MUTHAPURAM	5
16	PALAGUDEM	6
17	POTHIREDDYGUDEM	7
18	PULUSUBANDHA	8
	Total	125

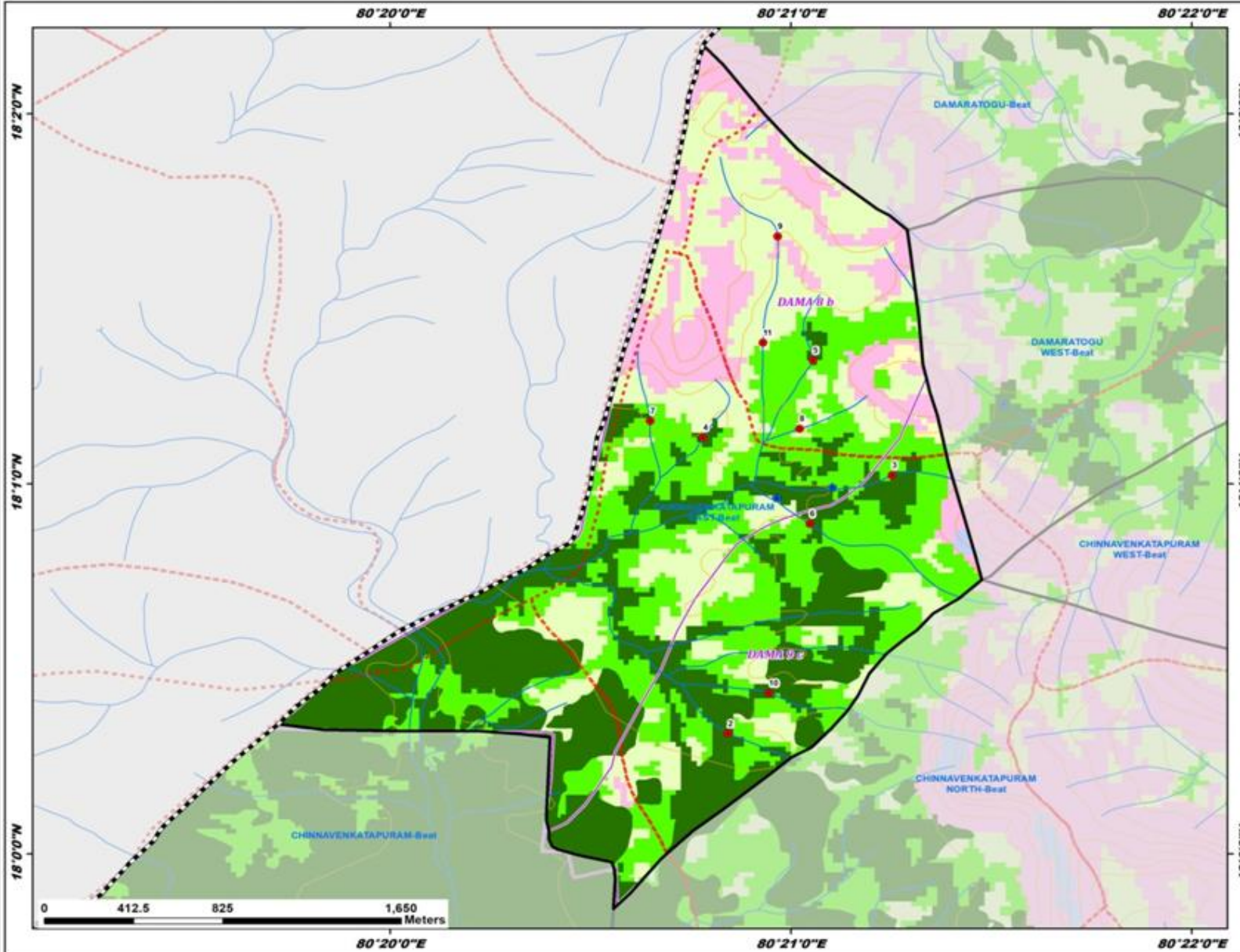
List of Proposed PTs – Gundala Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	17.982262	80.350911	13.60	I	CHINNAVENKATAPURAM	43	18.048543	80.365790	11.96	IV	DAMARATOGU	85	17.842783	80.335798	5.47	IV	GALABHA
2	18.005413	80.347391	14.18	I	CHINNAVENKATAPURAM (E)	44	18.063674	80.375654	28.03	V	DAMARATOGU	86	17.880473	80.295536	12.76	II	LAXMIPURAM
3	18.017054	80.354219	11.80	I	CHINNAVENKATAPURAM (E)	45	18.050378	80.364794	43.49	V	DAMARATOGU	87	17.887598	80.279562	22.08	IV	LAXMIPURAM
4	18.018748	80.346352	8.88	I	CHINNAVENKATAPURAM (E)	46	18.016606	80.405168	15.51	II	DAMARATOGU EAST	88	17.894091	80.292436	48.95	V	LAXMIPURAM
5	18.022230	80.350931	16.28	I	CHINNAVENKATAPURAM (E)	47	18.032963	80.427643	8.97	II	DAMARATOGU EAST	89	17.878883	80.357398	11.19	I	MUTHAPURAM
6	18.014867	80.350798	34.91	II	CHINNAVENKATAPURAM (E)	48	18.028453	80.427628	33.28	II	DAMARATOGU EAST	90	17.874947	80.354463	20.27	I	MUTHAPURAM
7	18.019496	80.344154	11.70	II	CHINNAVENKATAPURAM (E)	49	18.024103	80.432577	39.99	III	DAMARATOGU EAST	91	17.870157	80.355390	13.77	I	MUTHAPURAM
8	18.019147	80.350367	10.45	IV	CHINNAVENKATAPURAM (E)	50	18.014260	80.424552	4.96	IV	DAMARATOGU EAST	92	17.870858	80.348076	31.45	III	MUTHAPURAM
9	18.027814	80.349460	36.89	V	CHINNAVENKATAPURAM (E)	51	18.012336	80.404032	11.23	IV	DAMARATOGU EAST	93	17.863019	80.353798	29.66	III	MUTHAPURAM
10	18.007245	80.349088	30.72	II	CHINNAVENKATAPURAM (E)	52	18.015661	80.423677	8.55	IV	DAMARATOGU EAST	94	17.874487	80.340687	24.28	I	POTHIREDDYGUDEM
11	18.023026	80.348850	60.27	V	CHINNAVENKATAPURAM (E)	53	17.996826	80.390872	13.68	IV	DAMARATOGU EAST	95	17.864353	80.338430	10.00	II	POTHIREDDYGUDEM
12	18.008199	80.356968	5.85	II	CHINNAVENKATAPURAM (N)	54	18.010944	80.385122	13.84	IV	DAMARATOGU EAST	96	17.881007	80.331551	14.30	II	POTHIREDDYGUDEM
13	18.005805	80.353620	10.89	II	CHINNAVENKATAPURAM (N)	55	18.020078	80.406780	25.40	V	DAMARATOGU EAST	97	17.862622	80.347786	8.77	II	POTHIREDDYGUDEM
14	17.987929	80.364415	6.05	II	CHINNAVENKATAPURAM (N)	56	18.013160	80.394133	45.94	V	DAMARATOGU EAST	98	17.864389	80.347417	15.82	II	POTHIREDDYGUDEM
15	17.990854	80.365805	6.05	IV	CHINNAVENKATAPURAM (N)	57	18.068762	80.385467	13.20	II	DAMARATOGU -N	99	17.860283	80.350158	12.96	II	POTHIREDDYGUDEM
16	17.990605	80.383640	15.01	I	CHINNAVENKATAPURAM (S)	58	18.065868	80.388476	17.30	II	DAMARATOGU -N	100	17.875104	80.337751	64.72	III	POTHIREDDYGUDEM
17	18.014482	80.367595	6.33	II	CHINNAVENKATAPURAM (W)	59	18.075743	80.388550	12.51	IV	DAMARATOGU -N	101	17.945945	80.440176	13.15	I	DONGATOGU
18	18.015210	80.366133	7.12	II	CHINNAVENKATAPURAM (W)	60	18.069974	80.385008	12.54	IV	DAMARATOGU -N	102	17.946624	80.432226	5.62	II	DONGATOGU
19	18.005469	80.377978	12.90	II	CHINNAVENKATAPURAM (W)	61	18.067585	80.378507	34.57	V	DAMARATOGU -N	103	17.946597	80.428417	11.10	II	DONGATOGU
20	18.009255	80.380065	54.36	III	CHINNAVENKATAPURAM (W)	62	18.020290	80.358926	8.01	I	DAMARATOGU - W	104	17.948767	80.416351	10.38	II	DONGATOGU
21	18.012534	80.371298	6.72	IV	CHINNAVENKATAPURAM (W)	63	18.018783	80.359818	5.48	I	DAMARATOGU - W	105	17.968203	80.419953	19.24	II	DONGATOGU
22	17.983071	80.388746	4.82	I	GHANAPURAM	64	18.017145	80.362081	10.12	I	DAMARATOGU - W	106	17.966251	80.406997	25.70	III	DONGATOGU
23	18.005348	80.406055	12.20	I	GHANAPURAM	65	18.018223	80.363521	4.94	II	DAMARATOGU - W	107	17.951184	80.414972	32.69	III	DONGATOGU
24	17.994075	80.386683	11.16	I	GHANAPURAM	66	18.018278	80.360801	7.27	II	DAMARATOGU - W	108	17.942473	80.423660	7.47	IV	DONGATOGU
25	17.984715	80.389415	18.32	I	GHANAPURAM	67	18.020978	80.372425	21.72	II	DAMARATOGU - W	109	17.941646	80.410057	24.61	IV	DONGATOGU
26	18.006049	80.409129	13.81	II	GHANAPURAM	68	18.020387	80.386359	27.32	III	DAMARATOGU - W	110	17.961119	80.412832	12.02	IV	DONGATOGU
27	17.987654	80.404189	8.38	II	GHANAPURAM	69	18.027289	80.357752	14.51	IV	DAMARATOGU - W	111	17.960093	80.415086	8.02	IV	DONGATOGU
28	17.981058	80.389615	15.39	II	GHANAPURAM	70	18.016373	80.381677	14.90	IV	DAMARATOGU - W	112	17.967811	80.412660	7.78	IV	DONGATOGU
29	18.009789	80.412085	15.53	II	GHANAPURAM	71	18.021935	80.386838	9.20	IV	DAMARATOGU - W	113	17.954796	80.409265	10.11	IV	DONGATOGU
30	17.988966	80.397505	15.61	II	GHANAPURAM	72	18.022097	80.373485	25.28	V	DAMARATOGU - W	114	17.954405	80.422418	11.61	IV	DONGATOGU
31	17.997658	80.406969	5.90	II	GHANAPURAM	73	18.025335	80.358517	34.85	V	DAMARATOGU - W	115	17.968924	80.415545	5.88	IV	DONGATOGU
32	17.994627	80.390418	25.97	III	GHANAPURAM	74	18.063457	80.417785	13.92	II	PULUSUBANDHA	116	17.973082	80.423729	84.31	IV	DONGATOGU
33	18.009670	80.396931	25.18	III	GHANAPURAM	75	18.072563	80.393109	24.48	II	PULUSUBANDHA	117	17.957961	80.420461	9.19	IV	DONGATOGU
34	17.996707	80.401759	11.90	IV	GHANAPURAM	76	18.073262	80.400571	20.30	II	PULUSUBANDHA	118	17.958569	80.417684	16.50	IV	DONGATOGU
35	17.988920	80.403459	9.54	IV	GHANAPURAM	77	18.070254	80.404232	18.32	II	PULUSUBANDHA	119	17.966576	80.411452	17.58	IV	DONGATOGU
36	17.989999	80.386071	18.05	IV	GHANAPURAM	78	18.066815	80.409464	27.01	II	PULUSUBANDHA	120	17.960166	80.402951	18.87	II	PALAGUDEM
37	17.992985	80.401399	5.35	IV	GHANAPURAM	79	18.044971	80.418616	17.30	IV	PULUSUBANDHA	121	17.959757	80.396784	18.37	II	PALAGUDEM
38	17.990954	80.407797	8.30	IV	GHANAPURAM	80	18.065318	80.409996	60.80	IV	PULUSUBANDHA	122	17.950697	80.402453	11.18	II	PALAGUDEM
39	18.049195	80.361837	4.79	II	DAMARATOGU	81	18.075922	80.396646	54.53	V	PULUSUBANDHA	123	17.969151	80.400924	31.17	III	PALAGUDEM
40	18.043724	80.370879	18.24	II	DAMARATOGU	82	17.965429	80.322534	11.84	II	ELAGALAGADDA	124	17.958597	80.404876	5.96	IV	PALAGUDEM
41	18.042215	80.361570	22.15	II	DAMARATOGU	83	17.842242	80.349857	4.98	IV	GALABHA	125	17.969837	80.396175	57.10	V	PALAGUDEM
42	18.041169	80.366841	7.84	II	DAMARATOGU	84	17.838357	80.350304	11.29	IV	GALABHA						

Map Showing Suitability index for Construction of SMC Works of Chinnavenkatapuram East Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
2	18.005413	80.347391	14.18	I
3	18.017054	80.354219	11.80	I
4	18.018748	80.346352	8.88	I
5	18.022230	80.350931	16.28	I
6	18.014867	80.350798	34.91	II
7	18.019496	80.344154	11.70	II
8	18.019147	80.350367	10.45	IV
9	18.027814	80.349460	36.89	V
10	18.007245	80.349088	30.72	II
11	18.023026	80.348850	60.27	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

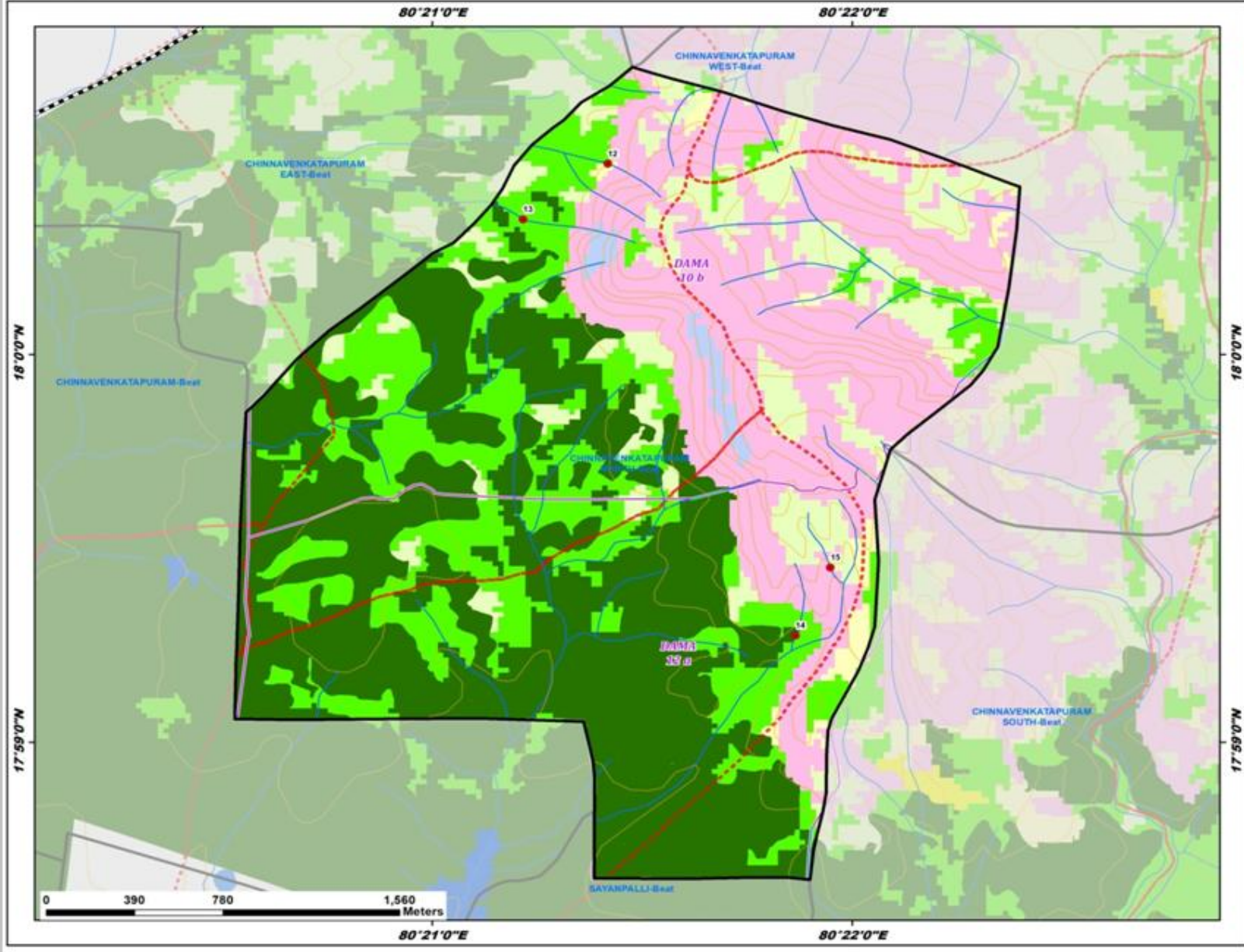
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Chinnavenkatapuram North Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
12	18.008199	80.356968	5.85	II
13	18.005805	80.353620	10.89	II
14	17.987929	80.364415	6.05	II
15	17.990854	80.365805	6.05	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

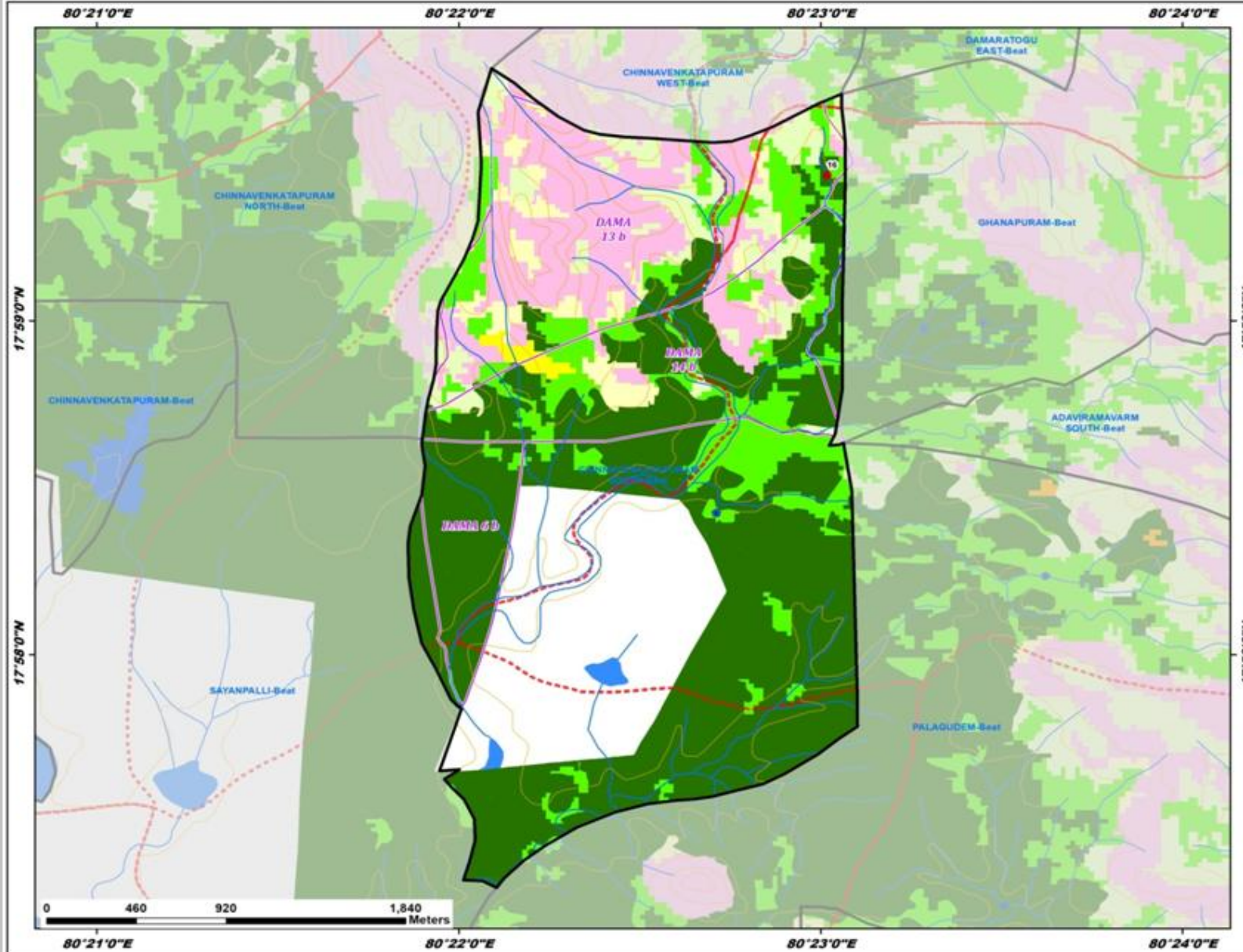
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Chinnavenkatapuram South Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
16	17.990605	80.383640	15.01	I

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

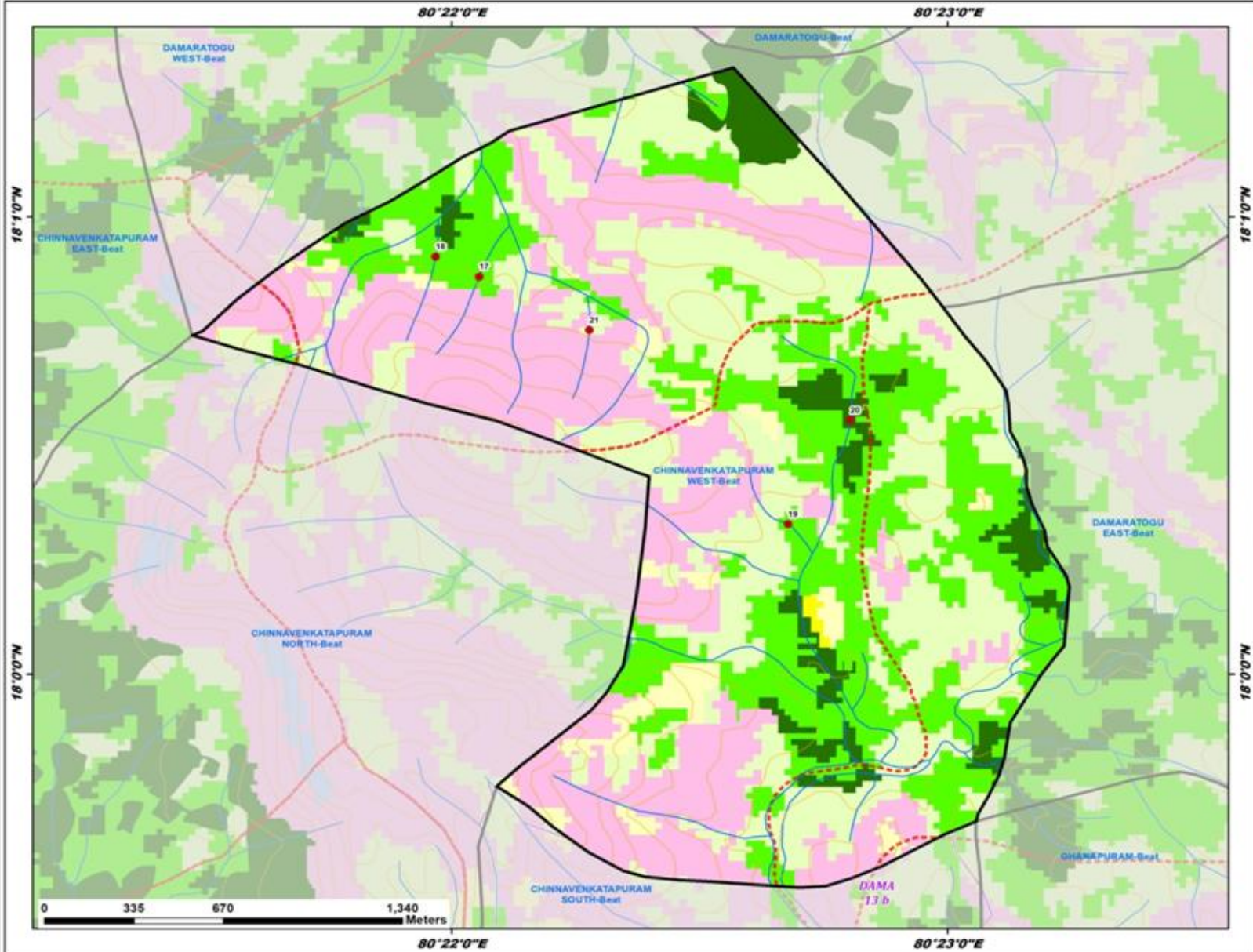
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Chinnavenkatapuram West Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
17	18.014482	80.367595	6.33	II
18	18.015210	80.366133	7.12	II
19	18.005469	80.377978	12.90	III
20	18.009255	80.380065	54.36	III
21	18.012534	80.371298	6.72	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

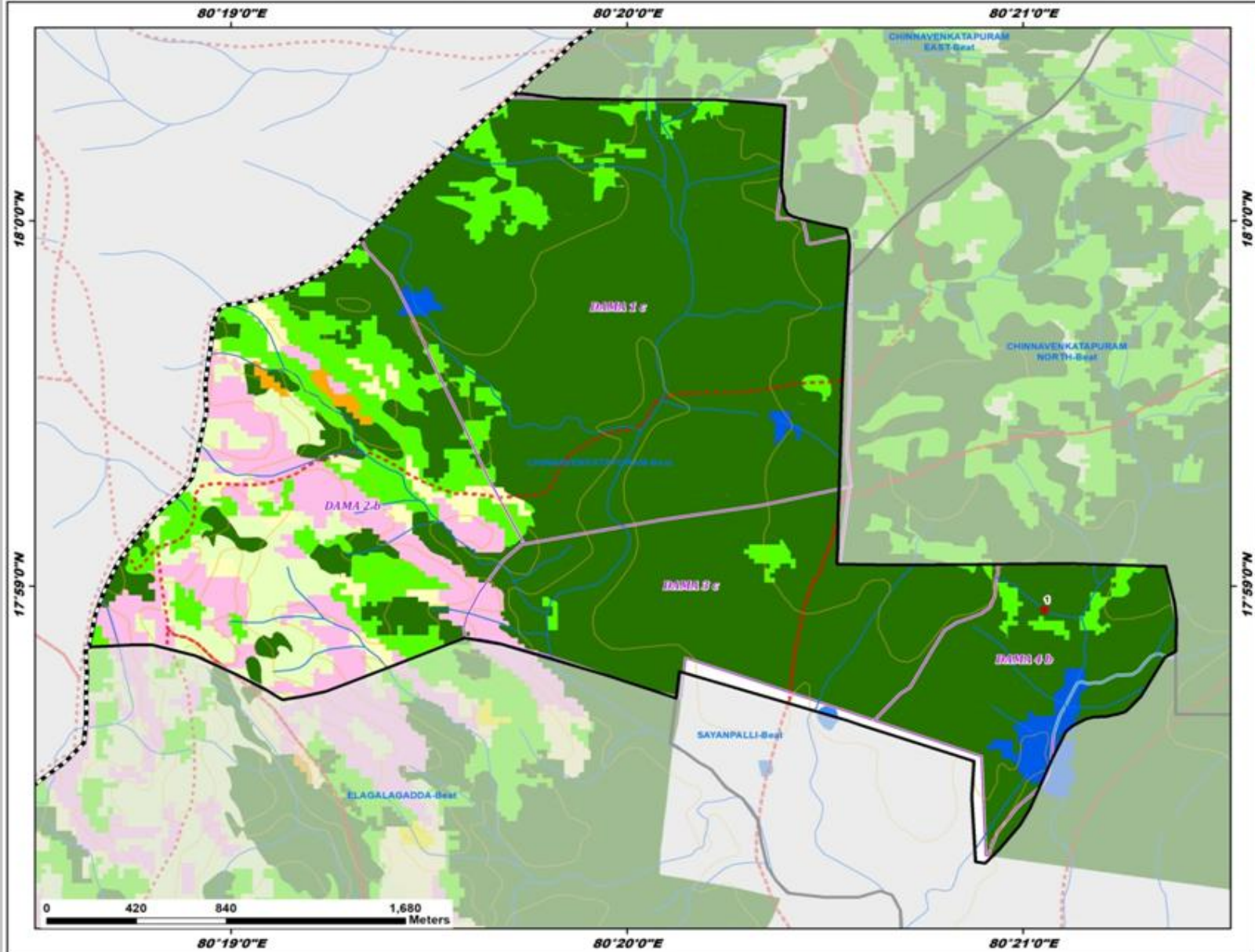
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Chinnavenkatapuram Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
1	17.982262	80.350911	13.60	1

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

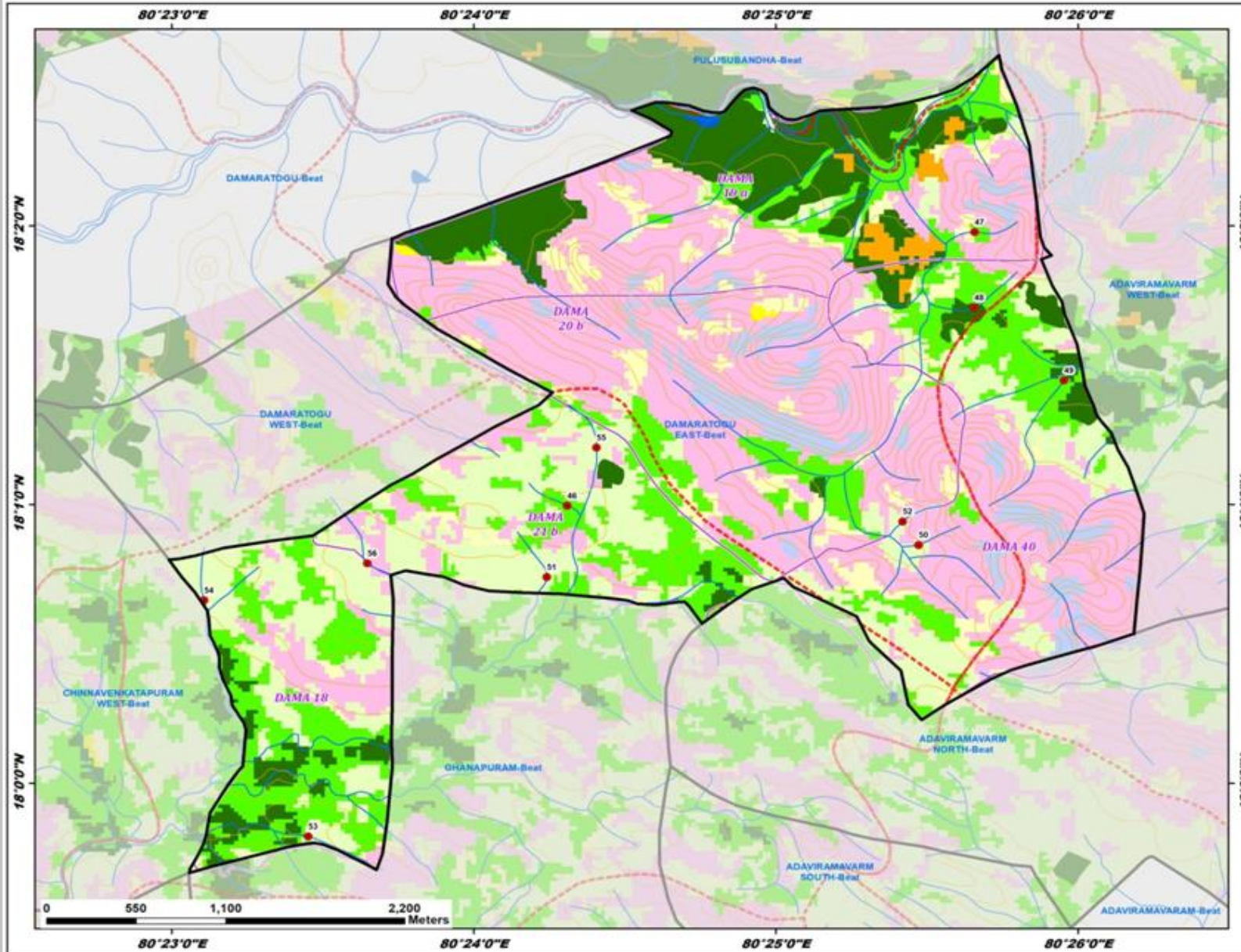
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Damaratogu East Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
46	18.016606	80.405168	15.51	II
47	18.032963	80.427643	8.97	II
48	18.028453	80.427628	33.28	II
49	18.024103	80.432577	39.99	III
50	18.014260	80.424552	4.96	IV
51	18.012336	80.404032	11.23	IV
52	18.015661	80.423677	8.55	IV
53	17.996826	80.390872	13.68	IV
54	18.010944	80.385122	13.84	IV
55	18.020078	80.406780	25.40	V
56	18.013160	80.394133	45.94	V

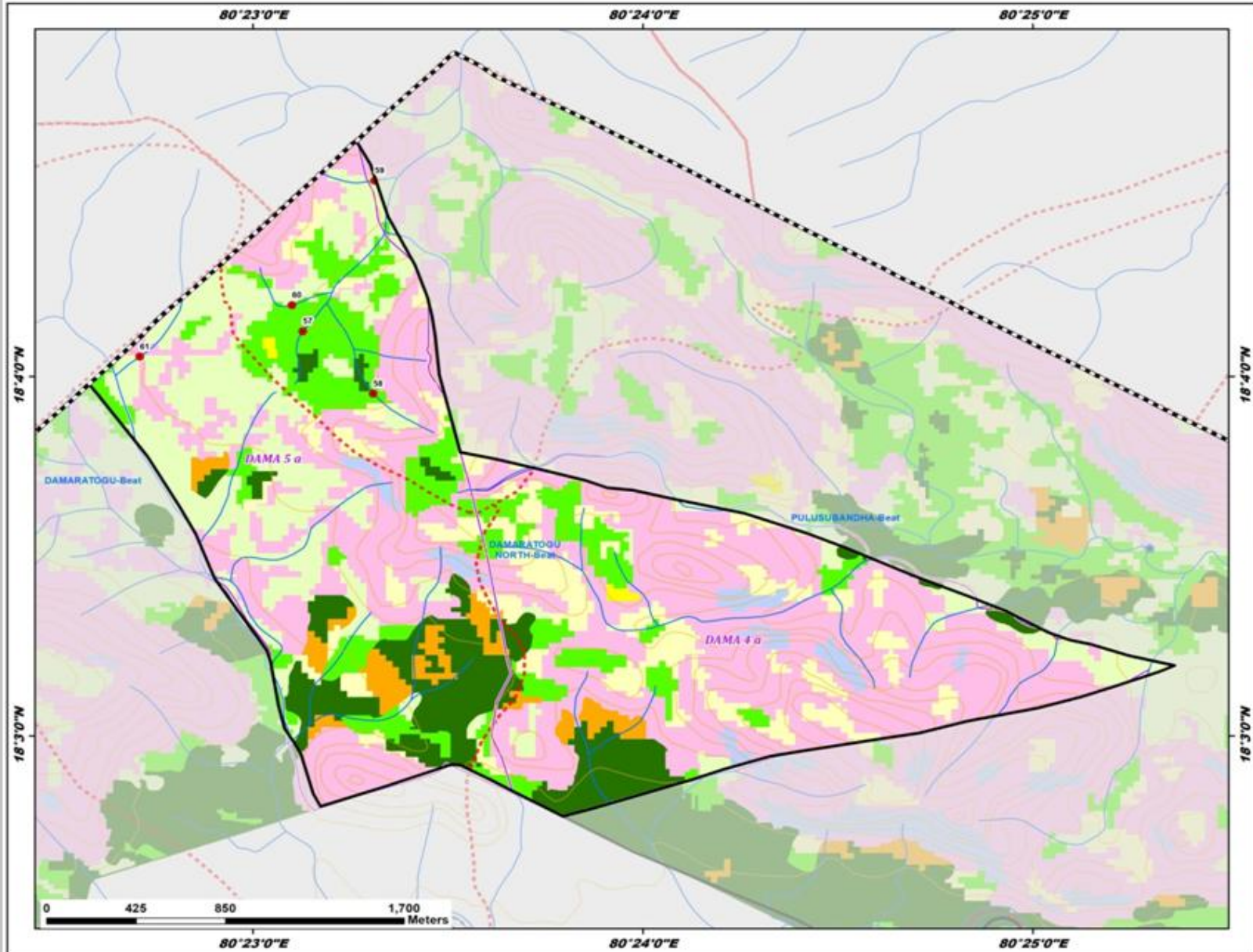
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Damaratogu North Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
57	18.068762	80.385467	13.20	II
58	18.065868	80.388476	17.30	II
59	18.075743	80.388590	12.51	IV
60	18.069974	80.385008	12.54	IV
61	18.067585	80.378507	34.57	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- - - Division Boundary

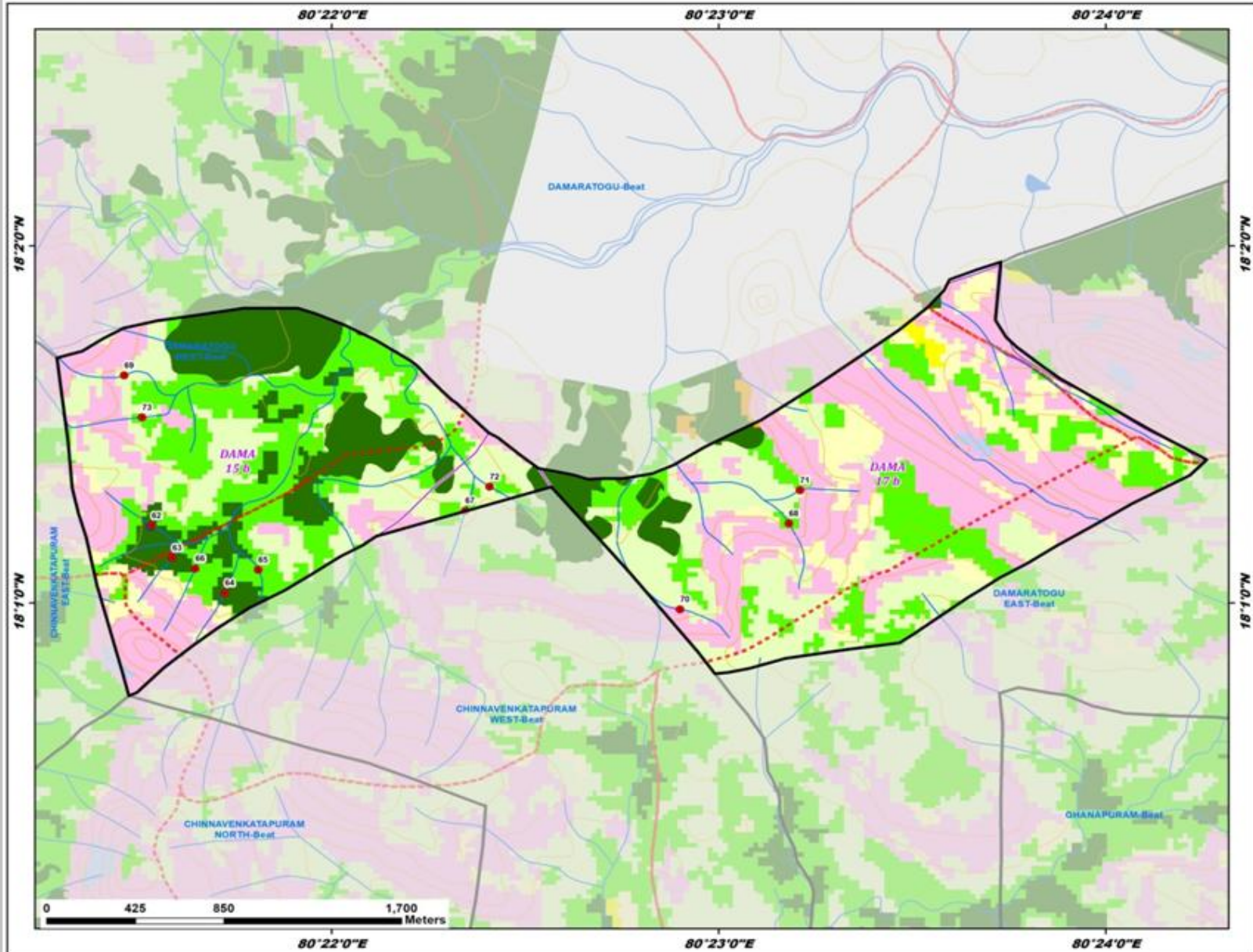
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Damaratogu West Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
62	18.020290	80.358926	8.01	I
63	18.018783	80.359818	5.48	I
64	18.017145	80.362081	10.12	I
65	18.018223	80.363521	4.94	II
66	18.018278	80.360801	7.27	II
67	18.020978	80.372425	21.72	II
68	18.020387	80.386359	27.32	III
69	18.027289	80.357752	14.51	IV
70	18.016373	80.381677	14.90	IV
71	18.021935	80.386838	9.20	IV
72	18.022097	80.373485	25.28	V
73	18.025335	80.358517	34.85	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

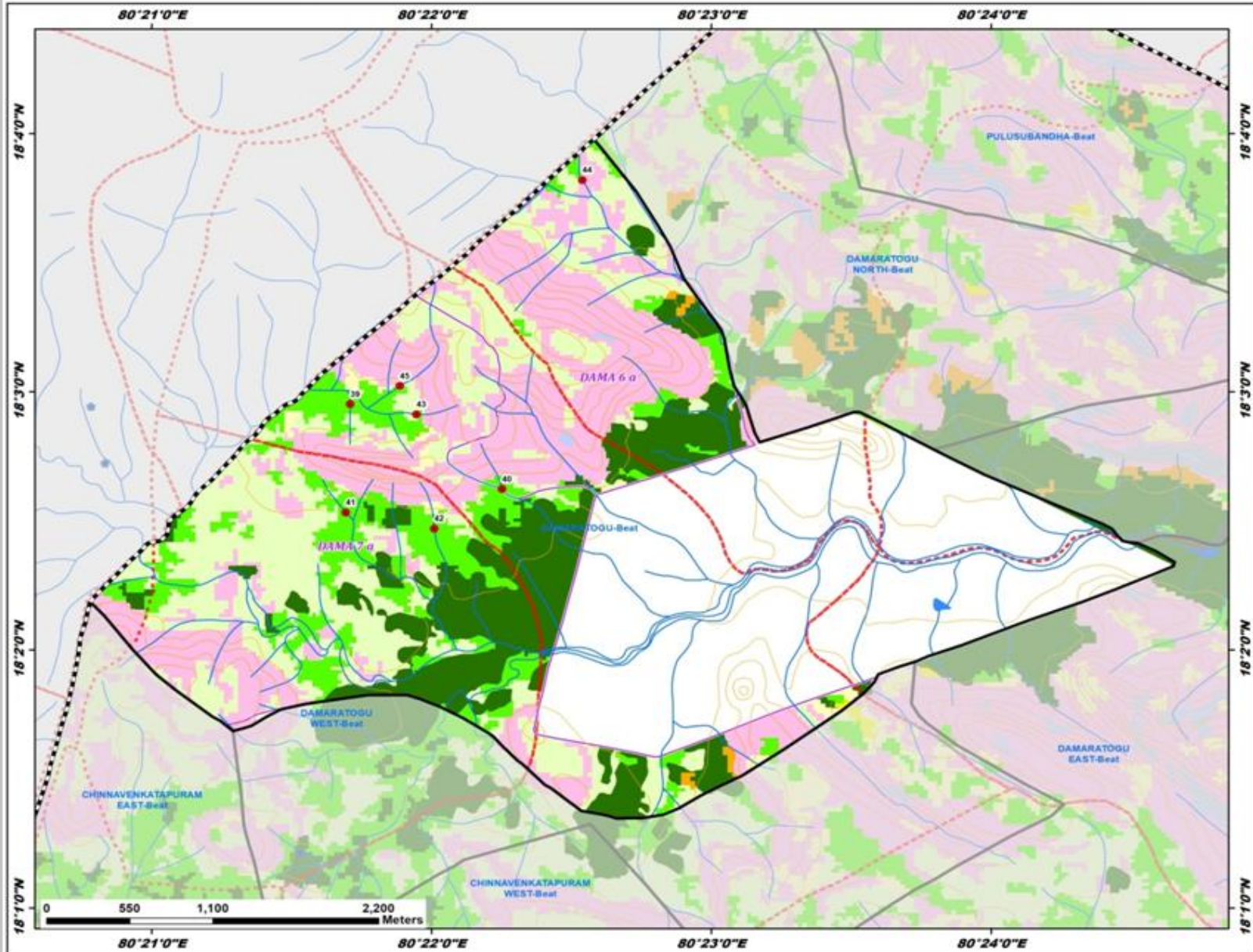
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Damaratogu Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
39	18.049195	80.361837	4.79	II
40	18.043734	80.370879	18.24	II
41	18.042215	80.361570	22.15	II
42	18.041169	80.366841	7.84	II
43	18.048543	80.365790	11.96	IV
44	18.063674	80.375654	28.03	V
45	18.050378	80.364794	43.49	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

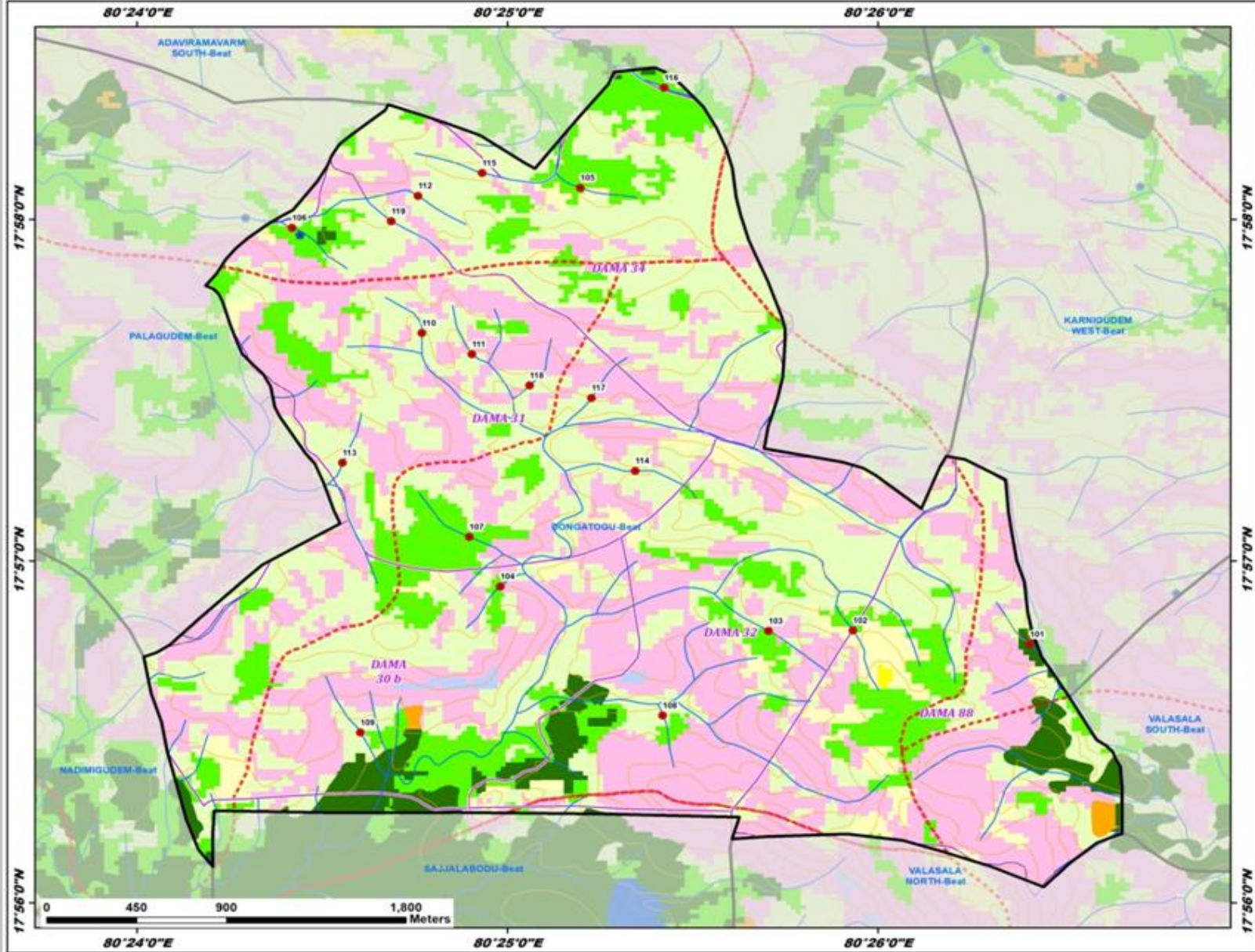
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- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Dongatogu Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
101	17.945945	80.440176	13.15	I
102	17.946624	80.432226	5.62	II
103	17.946597	80.428417	11.10	II
104	17.948767	80.416351	10.38	II
105	17.968203	80.419953	19.24	II
106	17.966251	80.406997	25.70	III
107	17.951184	80.414972	32.69	III
108	17.942473	80.423660	7.47	IV
109	17.941646	80.410057	24.61	IV
110	17.961119	80.412832	12.02	IV
111	17.960093	80.415086	8.02	IV
112	17.967811	80.412660	7.78	IV
113	17.954796	80.409265	10.11	IV
114	17.954405	80.422418	11.61	IV
115	17.968924	80.415545	5.88	IV
116	17.973082	80.423729	84.31	IV
117	17.957961	80.420461	9.19	IV
118	17.958569	80.417684	16.50	IV
119	17.966576	80.411452	17.58	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

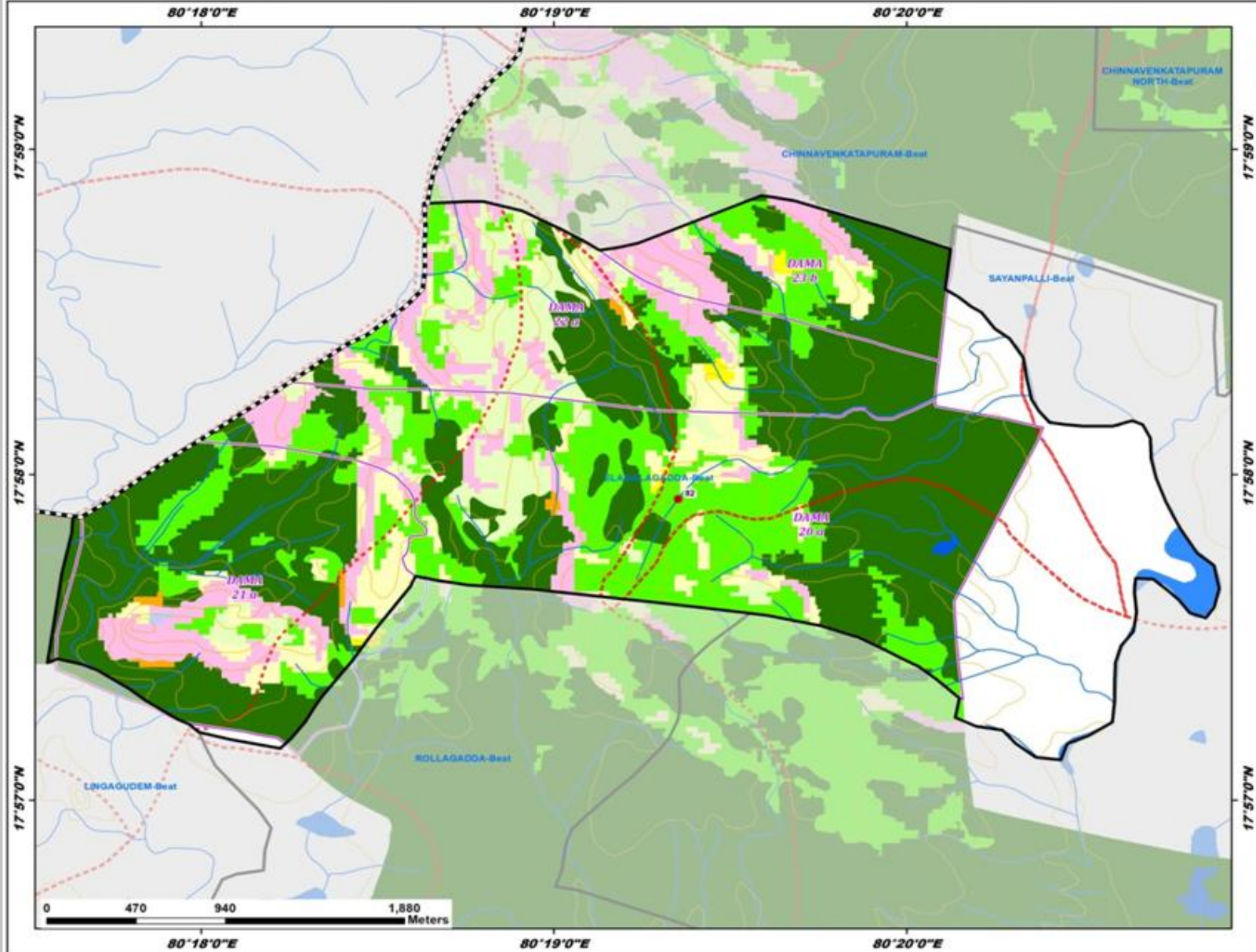
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Elagalagadda Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
82	17.965429	80.322534	11.84	II

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

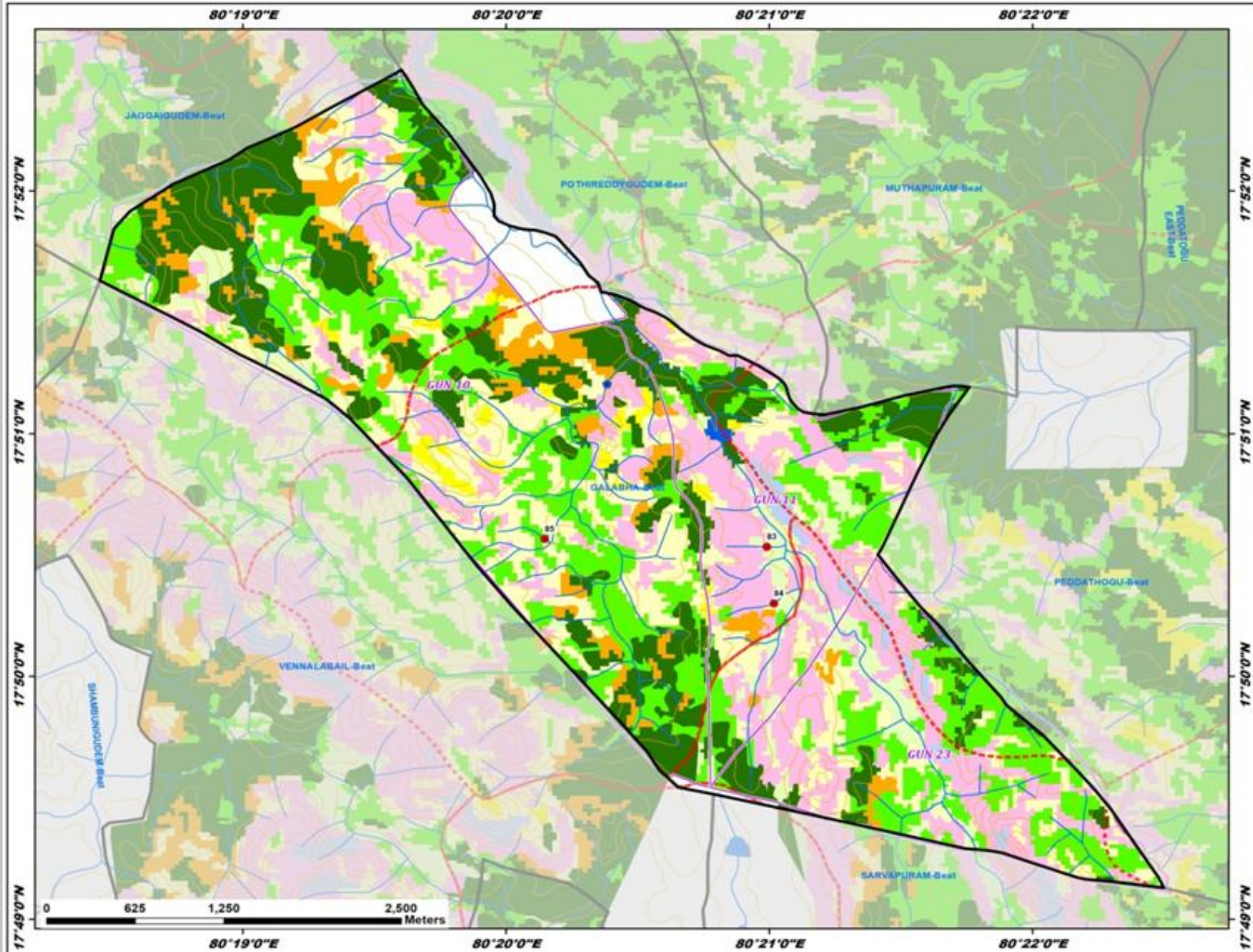
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- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Galabha Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ma	Priority
83	17.842242	80.349857	4.98	IV
84	17.838357	80.350304	11.29	IV
85	17.842783	80.335798	5.47	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

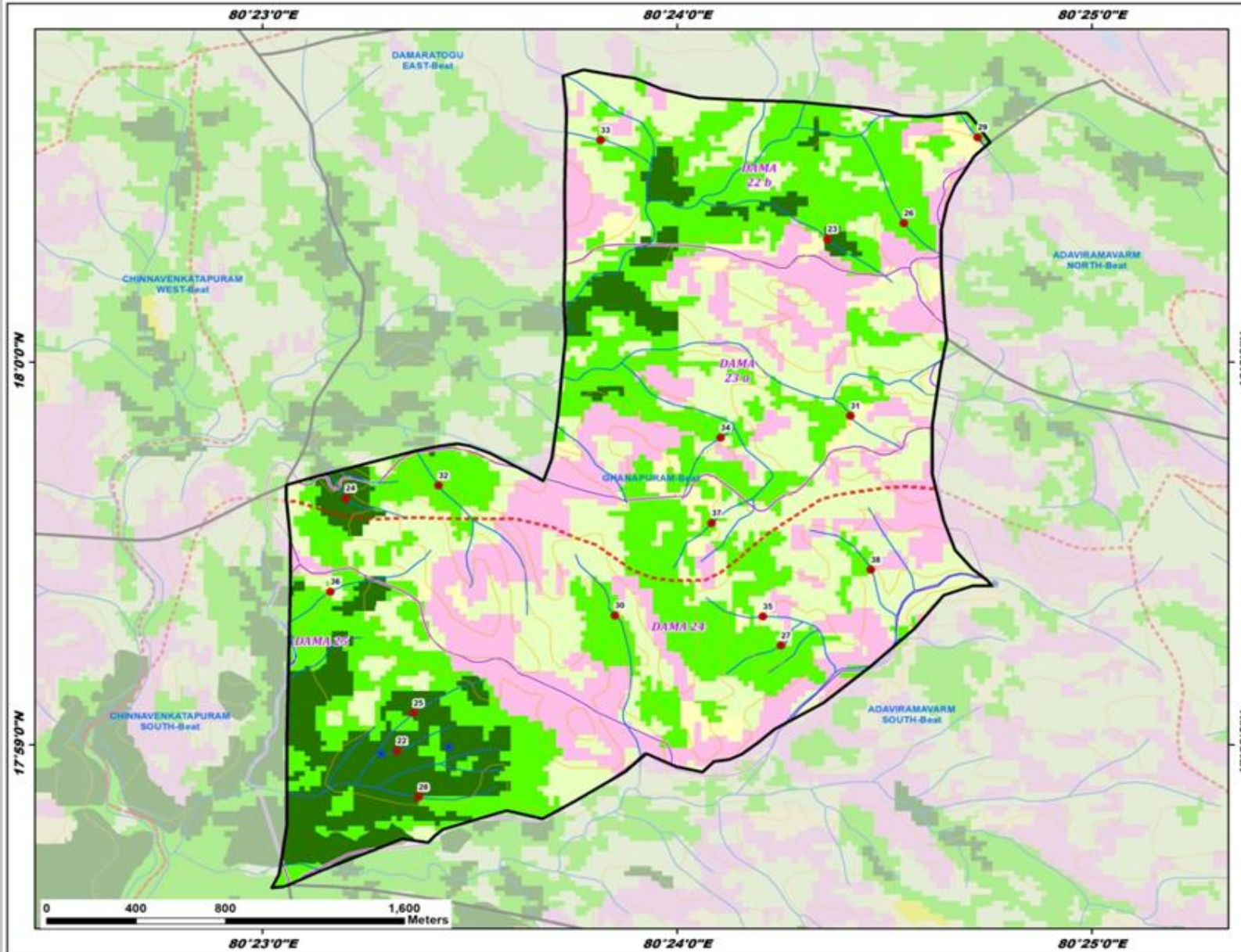
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Ghanapuram Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
22	17.983071	80.388746	4.82	I
23	18.005348	80.406055	12.20	I
24	17.994075	80.386683	11.16	I
25	17.984715	80.389415	18.32	I
26	18.006049	80.409129	13.81	II
27	17.987654	80.404189	8.38	II
28	17.981058	80.389615	15.39	II
29	18.009789	80.412085	15.53	II
30	17.988966	80.397505	15.61	II
31	17.997658	80.406969	5.90	II
32	17.994627	80.390418	25.97	III
33	18.009670	80.396931	25.18	III
34	17.996707	80.401759	11.90	IV
35	17.988920	80.403459	9.54	IV
36	17.989999	80.386071	18.05	IV
37	17.992985	80.401399	5.35	IV
38	17.990954	80.407797	8.30	IV

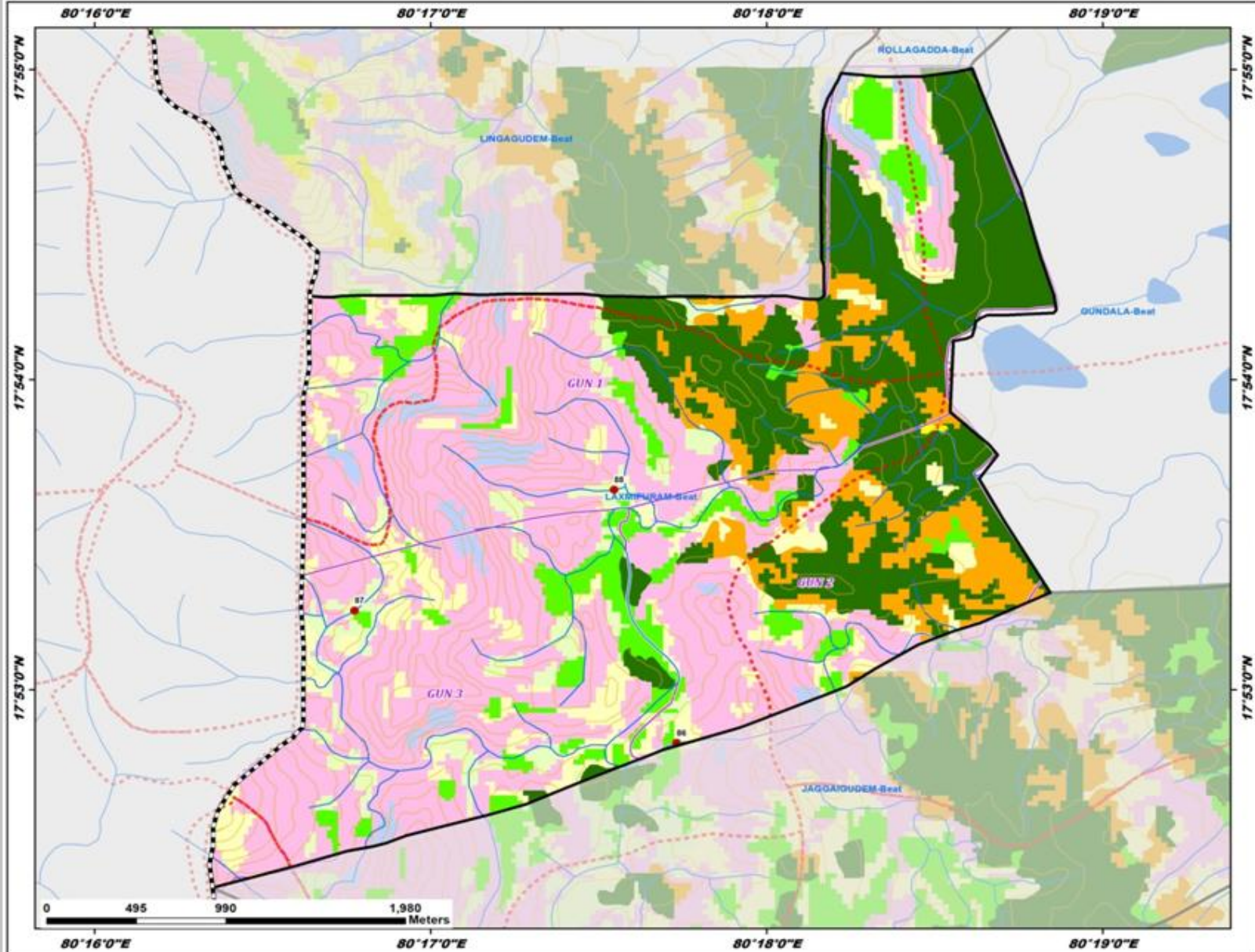
Legend

- Proposed_PTs
 - Existing CCTs/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Laxmipuram Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
86	17.880473	80.295536	12.76	II
87	17.887598	80.279562	22.08	IV
88	17.894091	80.292436	48.95	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

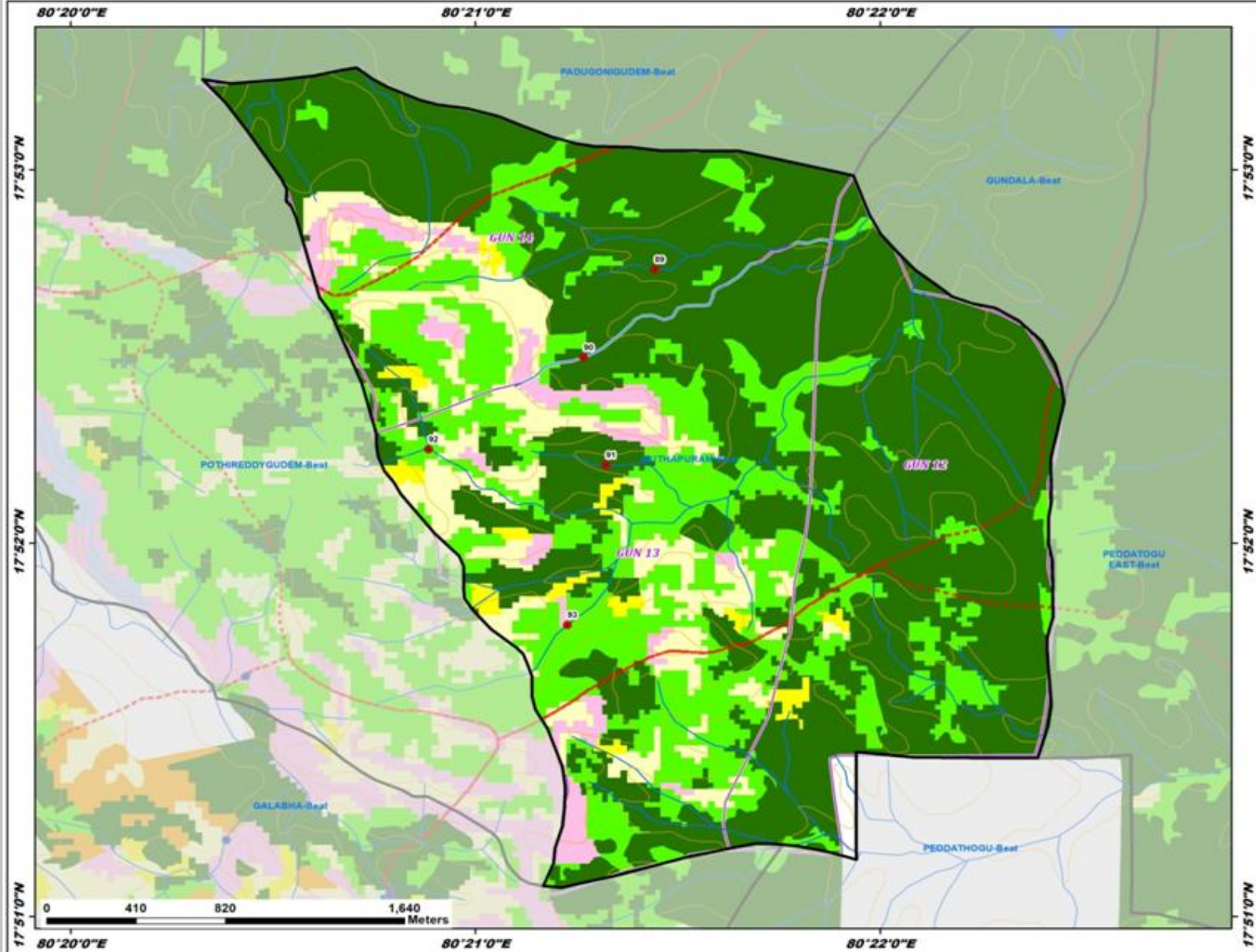
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Muthapuram Beat



Division : Yellandu
Range : Gundala



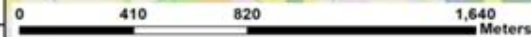
ID	Latitude	Longitude	Catchment Area_Ha	Priority
89	17.878883	80.357398	11.19	I
90	17.874947	80.354463	20.27	I
91	17.870157	80.355390	13.77	I
92	17.870858	80.348076	31.45	III
93	17.863019	80.353798	29.66	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

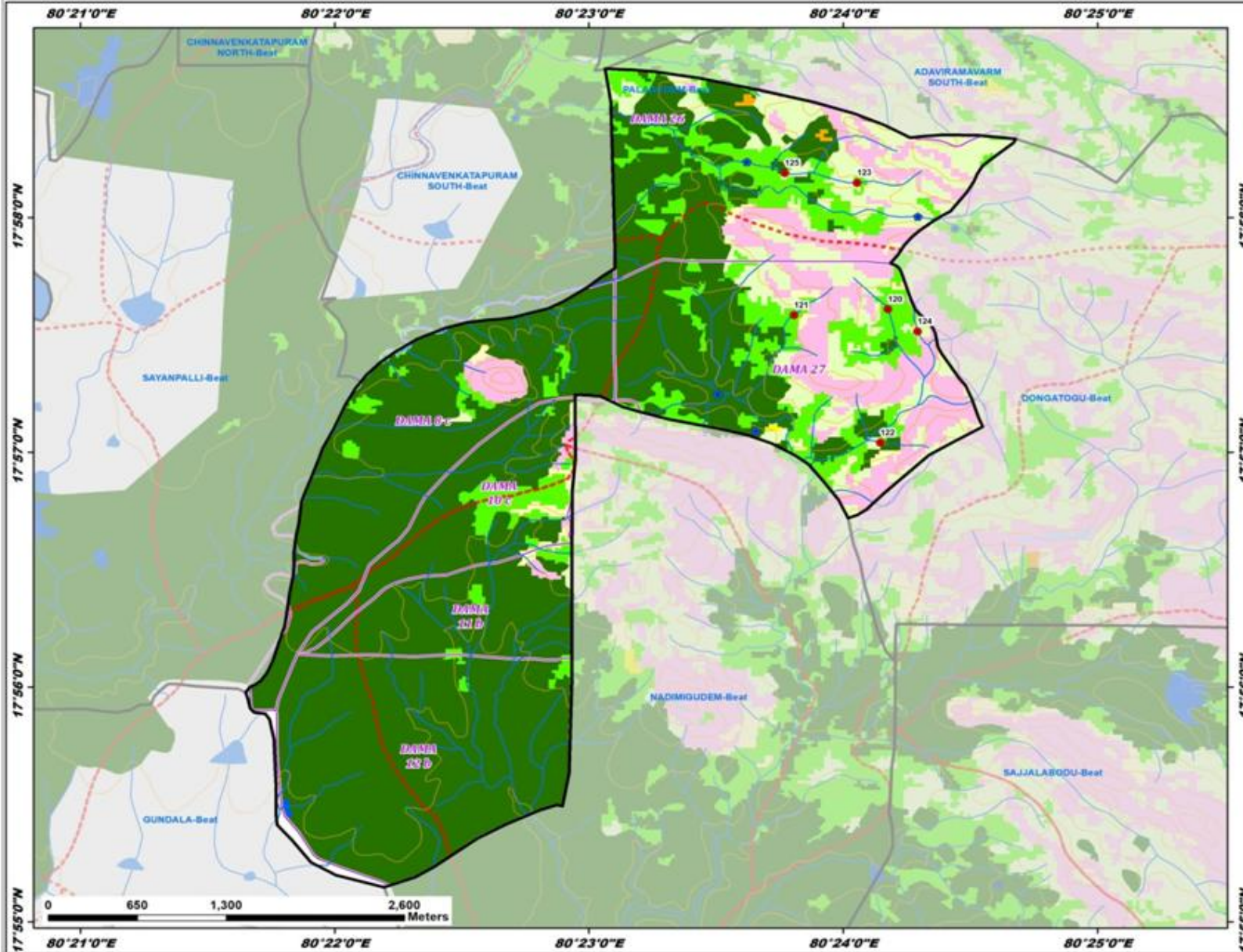
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Palagudem Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
120	17.960166	80.402951	18.87	II
121	17.959757	80.396784	18.37	II
122	17.950697	80.402453	11.18	II
123	17.969151	80.400924	31.17	III
124	17.958597	80.404876	5.96	IV
125	17.969837	80.396175	57.10	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

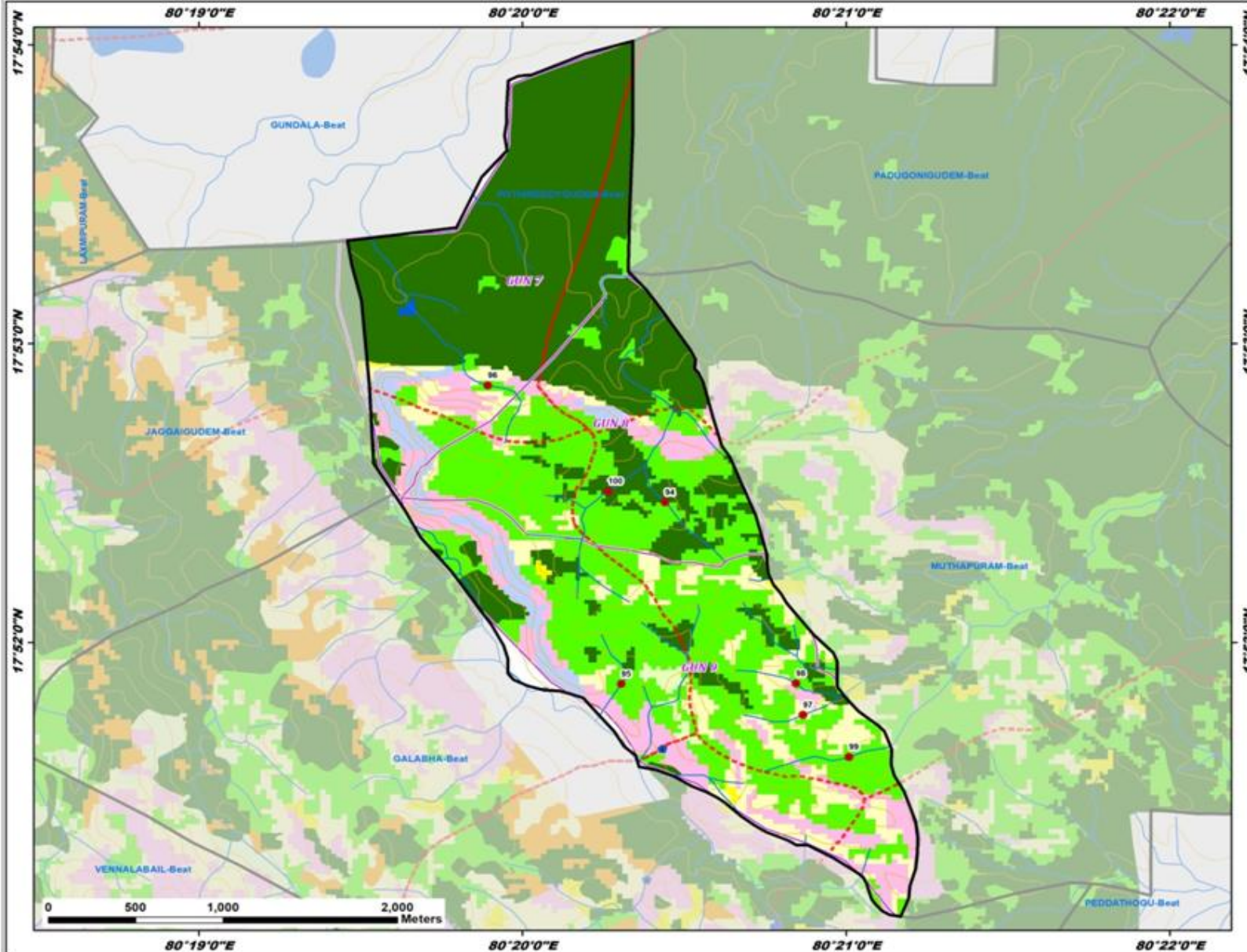
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Pothireddygudem Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
94	17.874487	80.340687	24.28	I
95	17.864353	80.338430	10.00	II
96	17.881007	80.331551	14.30	II
97	17.862622	80.347786	8.77	II
98	17.864389	80.347417	15.82	II
99	17.860283	80.350158	12.96	II
100	17.875104	80.337751	64.72	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

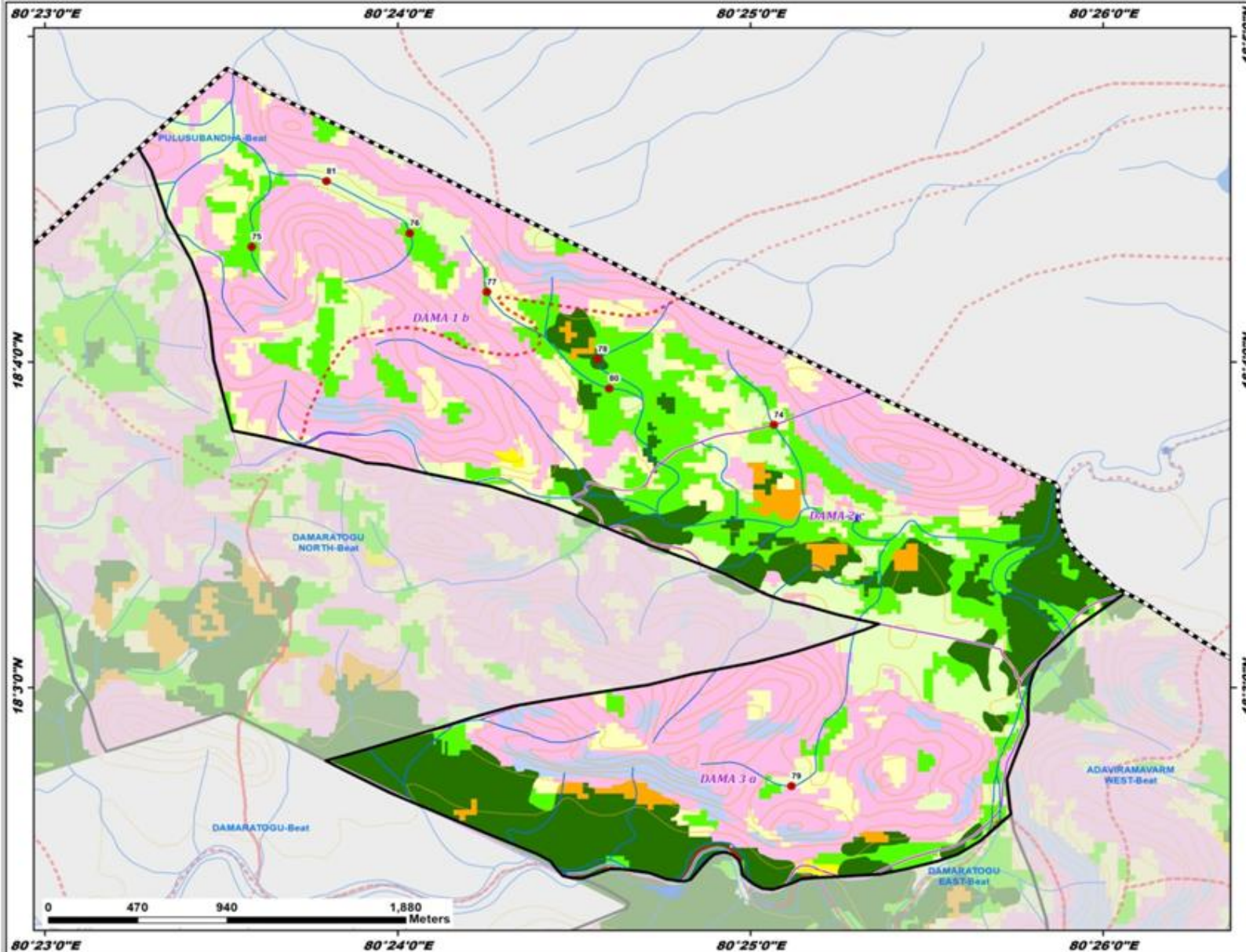
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Pulusubandha Beat



Division : Yellandu
Range : Gundala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
74	18.063457	80.417785	13.92	II
75	18.072563	80.393109	24.48	II
76	18.073262	80.400571	20.30	II
77	18.070254	80.404232	18.32	II
78	18.066815	80.409464	27.01	II
79	18.044971	80.418616	17.30	IV
80	18.065318	80.409996	60.80	IV
81	18.075922	80.396646	54.53	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

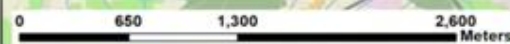
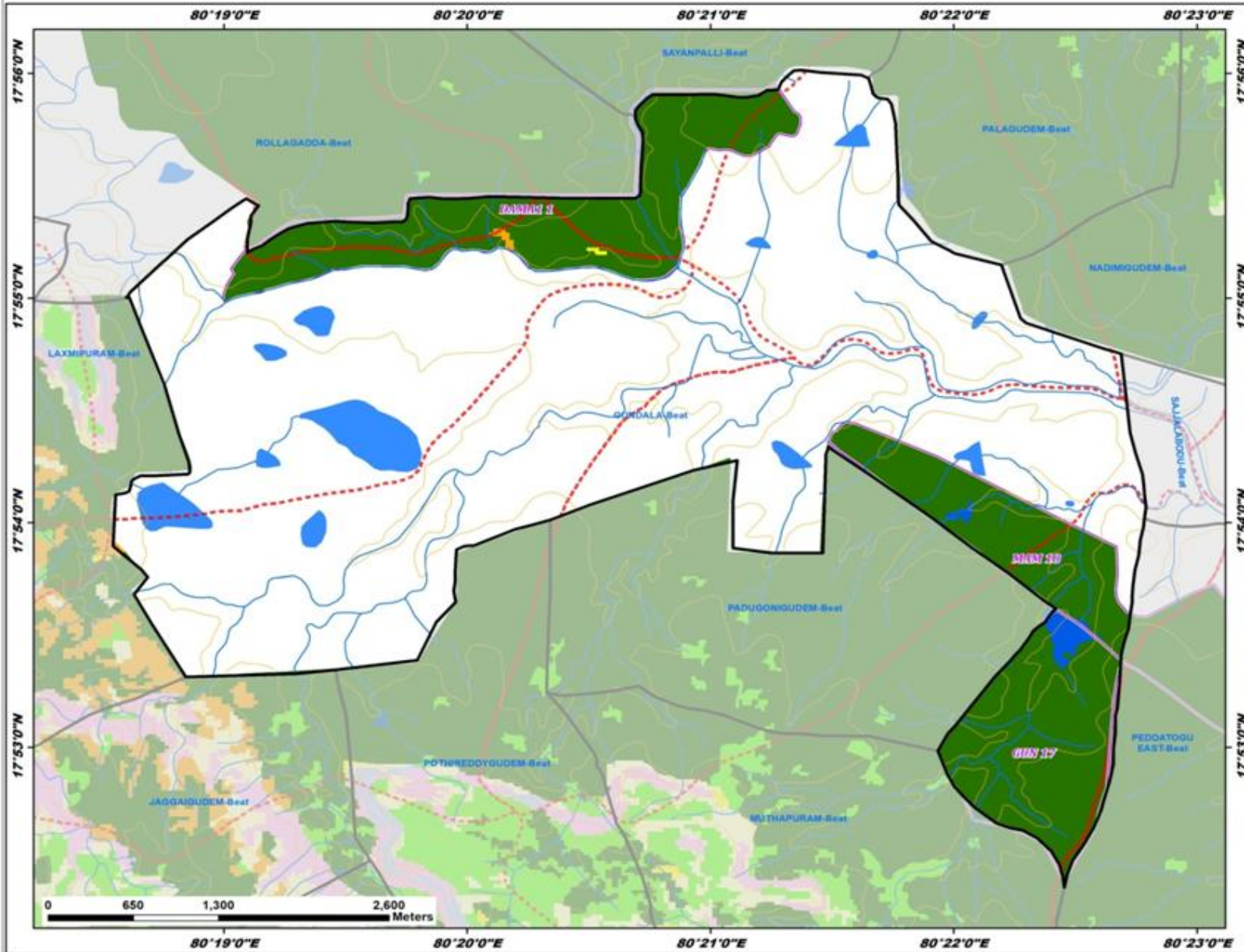
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Gundala Beat



Division : Yellandu
Range : Gundala



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

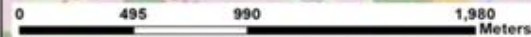
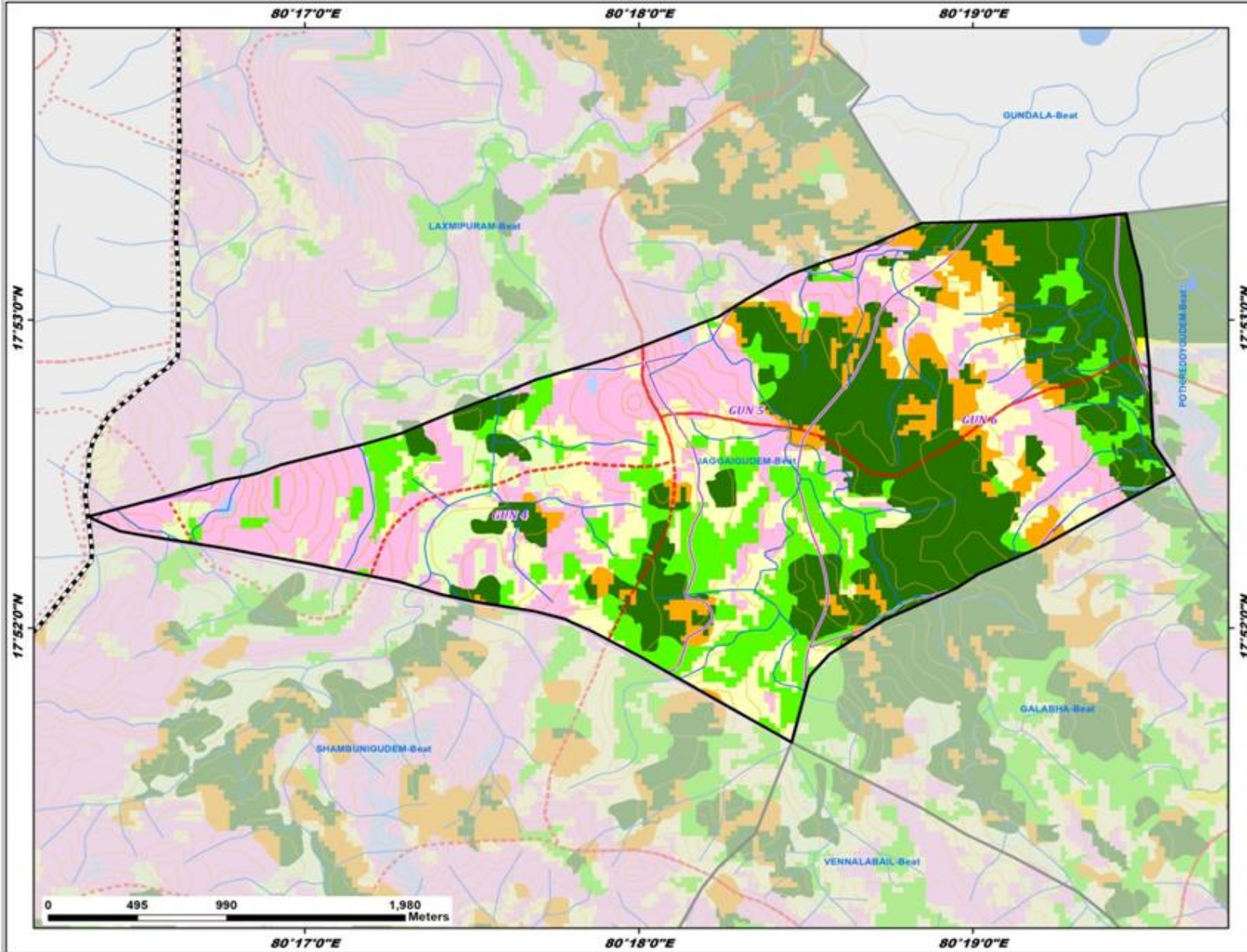
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Jaggaigudem Beat



Division : Yellandu
Range : Gundala



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

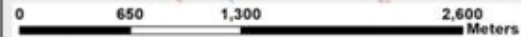
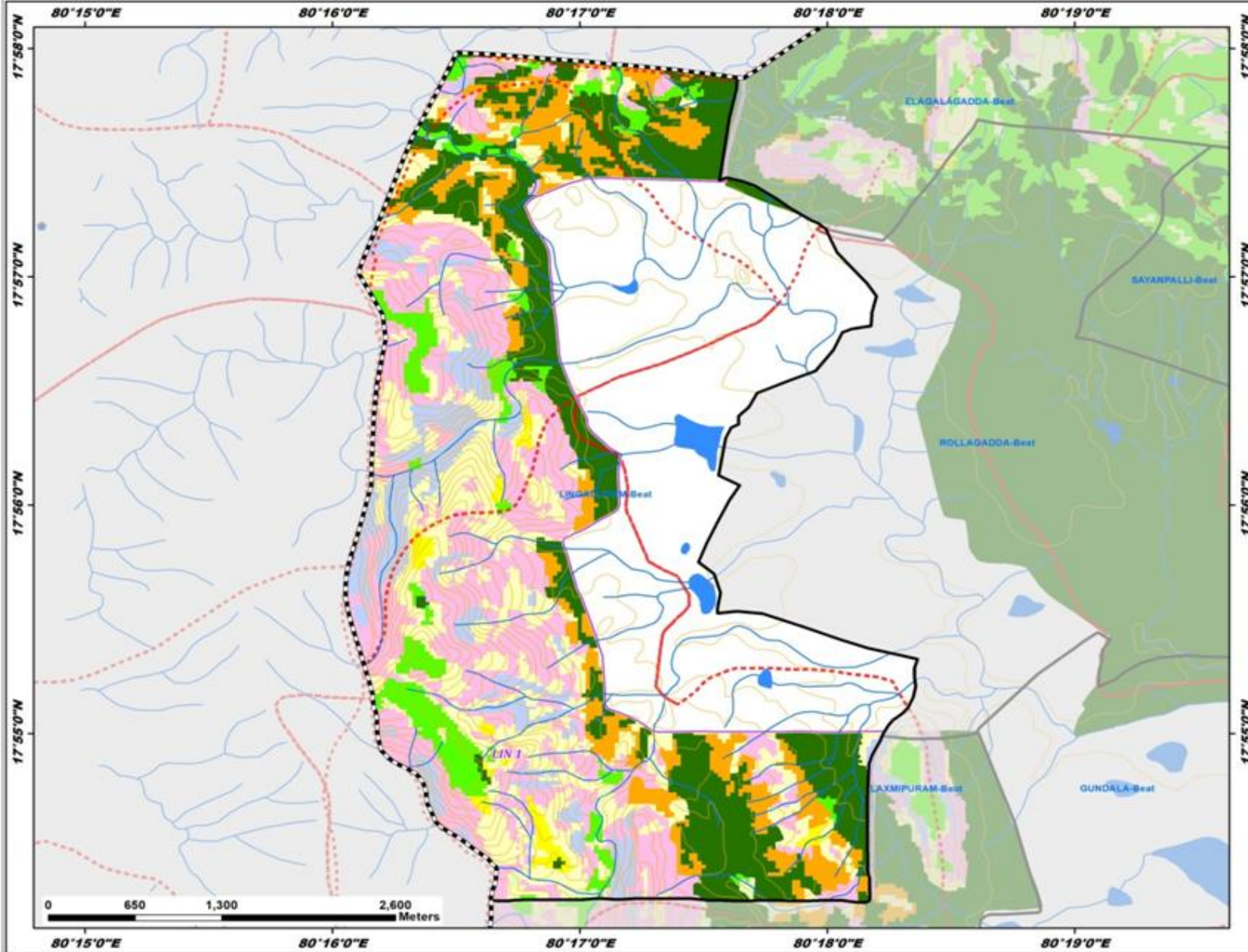
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Lingagudem Beat



Division : Yellandu
Range : Gundala



Legend

- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- Beat Boundary
- - - Division Boundary

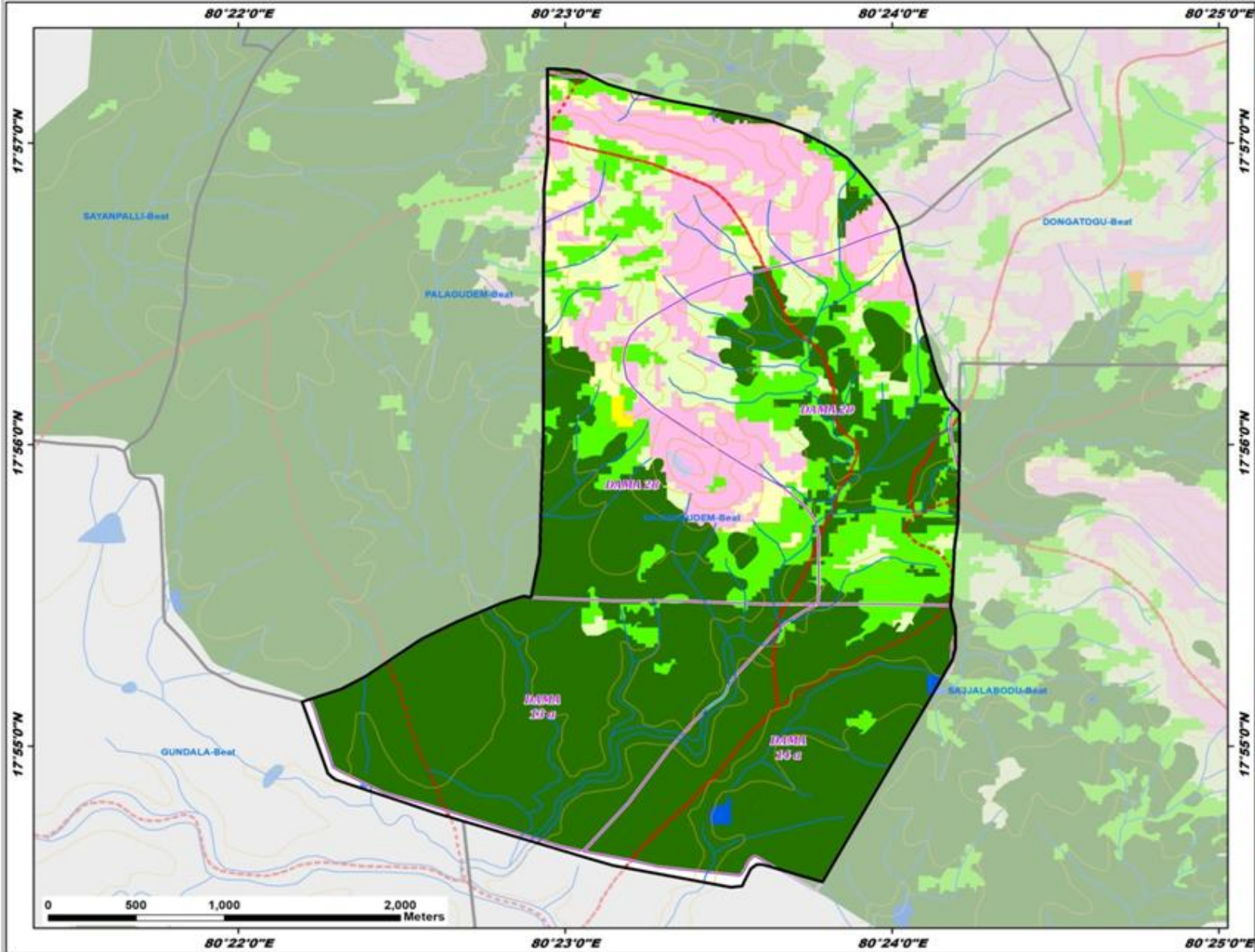
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Nadimigudem Beat



Division : Yellandu
Range : Gundala

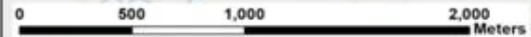


Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

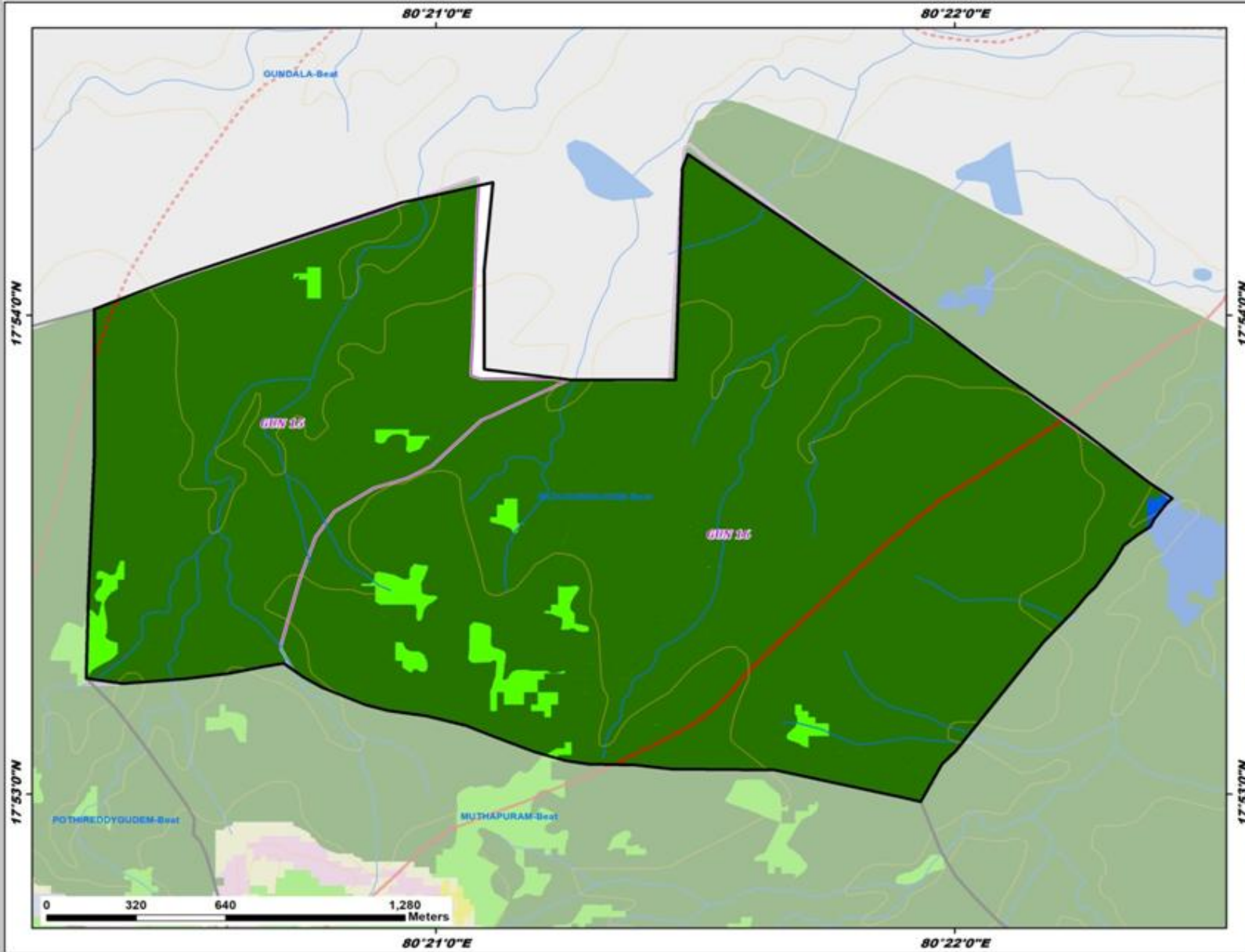
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Padugonigudem Beat

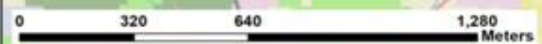


Division : Yellandu
Range : Gundala



Legend

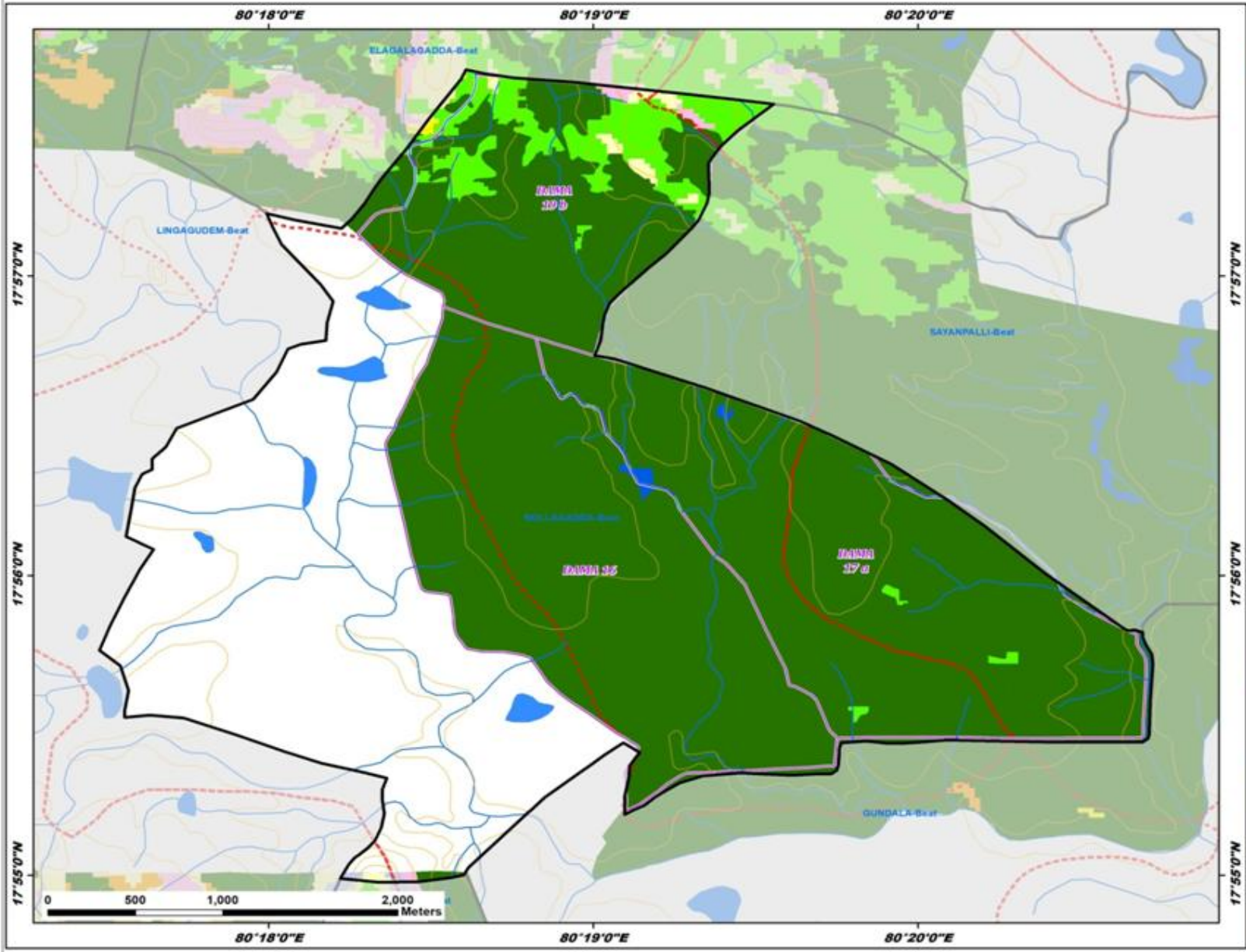
- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- #### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body



Map Showing Suitability index for Construction of SMC Works of Rollagadda Beat



Division : Yellandu
Range : Gundala



Legend

- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- ▭ Beat Boundary
- ▭ Division Boundary

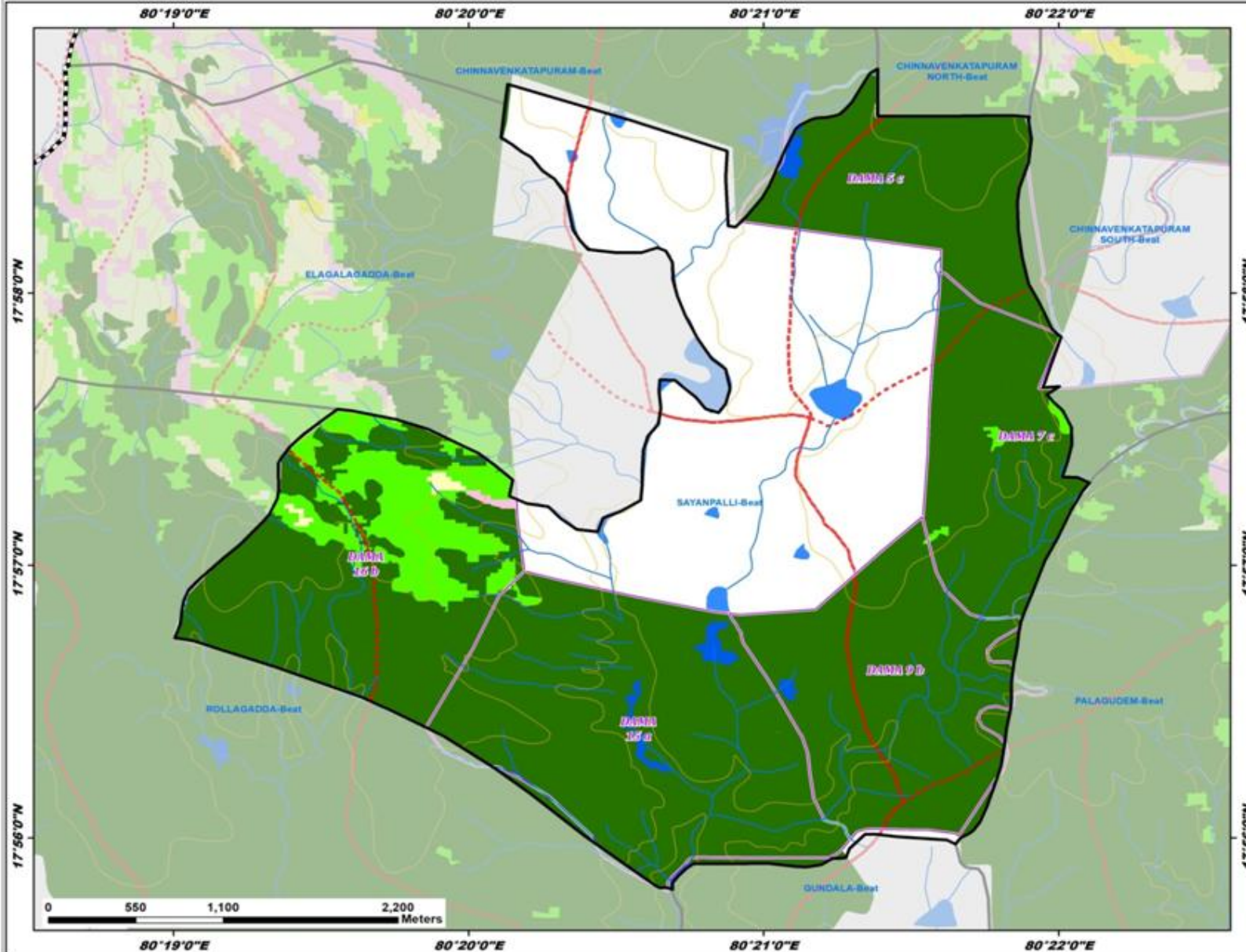
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Sayanpalli Beat



Division : Yellandu
Range : Gundala



Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Kachanapally Range in Yellandu Division



Map Showing Suitability index for Construction of SMC Works of Kachanapally Range, Yellandu Division

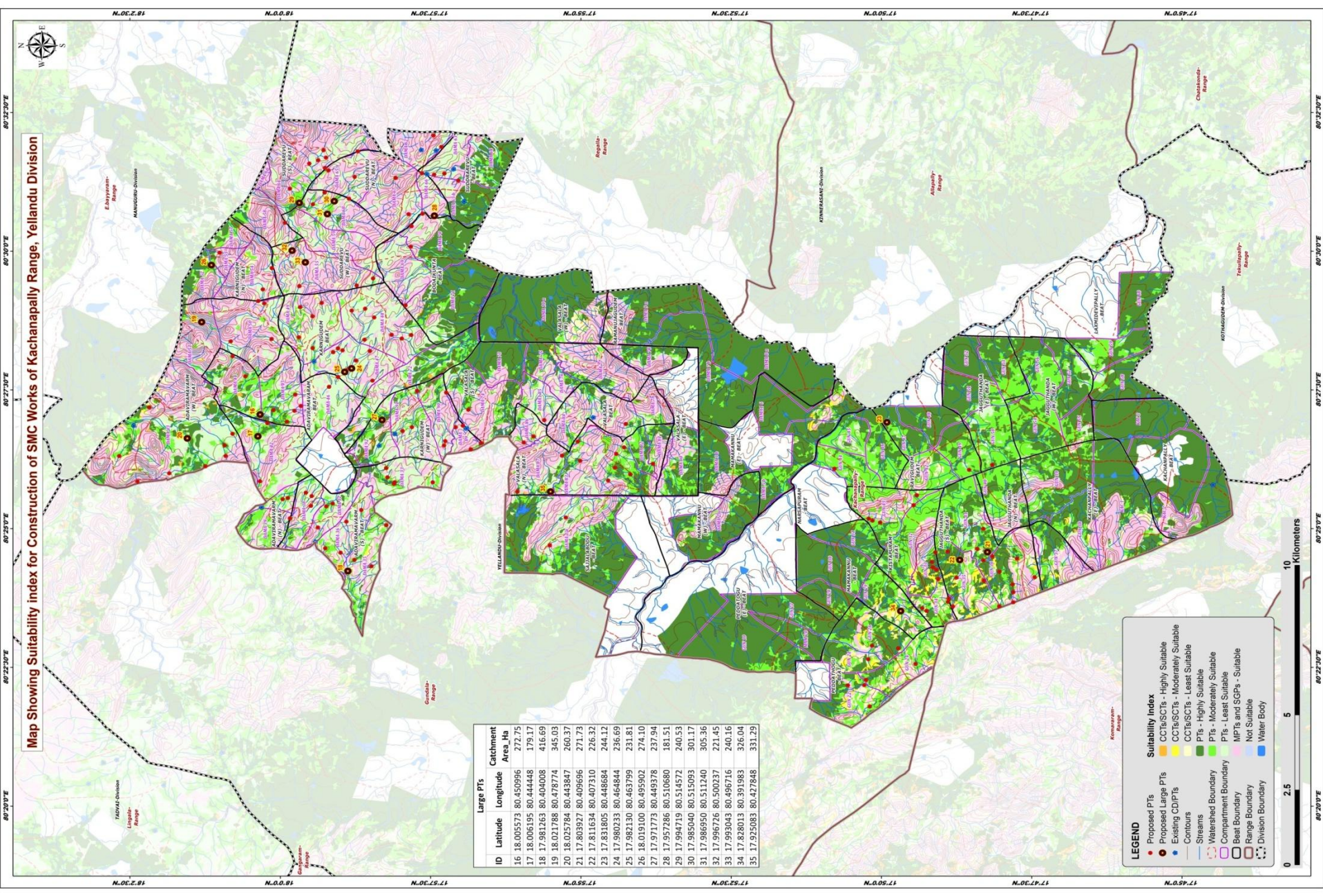
Large PTs			
ID	Latitude	Longitude	Catchment Area, Ha
16	18.005573	80.450996	272.75
17	18.006395	80.444448	179.17
18	17.981263	80.404008	416.69
19	18.021788	80.478774	345.03
20	18.025784	80.443847	260.37
21	17.803927	80.409696	271.73
22	17.811634	80.407310	226.32
23	17.831805	80.448684	244.12
24	17.980333	80.454844	236.69
25	17.982130	80.463799	231.81
26	18.019100	80.495902	274.10
27	17.971773	80.449378	237.94
28	17.957886	80.510680	181.51
29	17.994719	80.514572	240.53
30	17.985040	80.515093	301.17
31	17.986950	80.511240	305.36
32	17.986726	80.500237	221.45
33	17.993043	80.496716	240.16
34	17.828013	80.391983	326.04
35	17.925083	80.427848	331.29

LEGEND

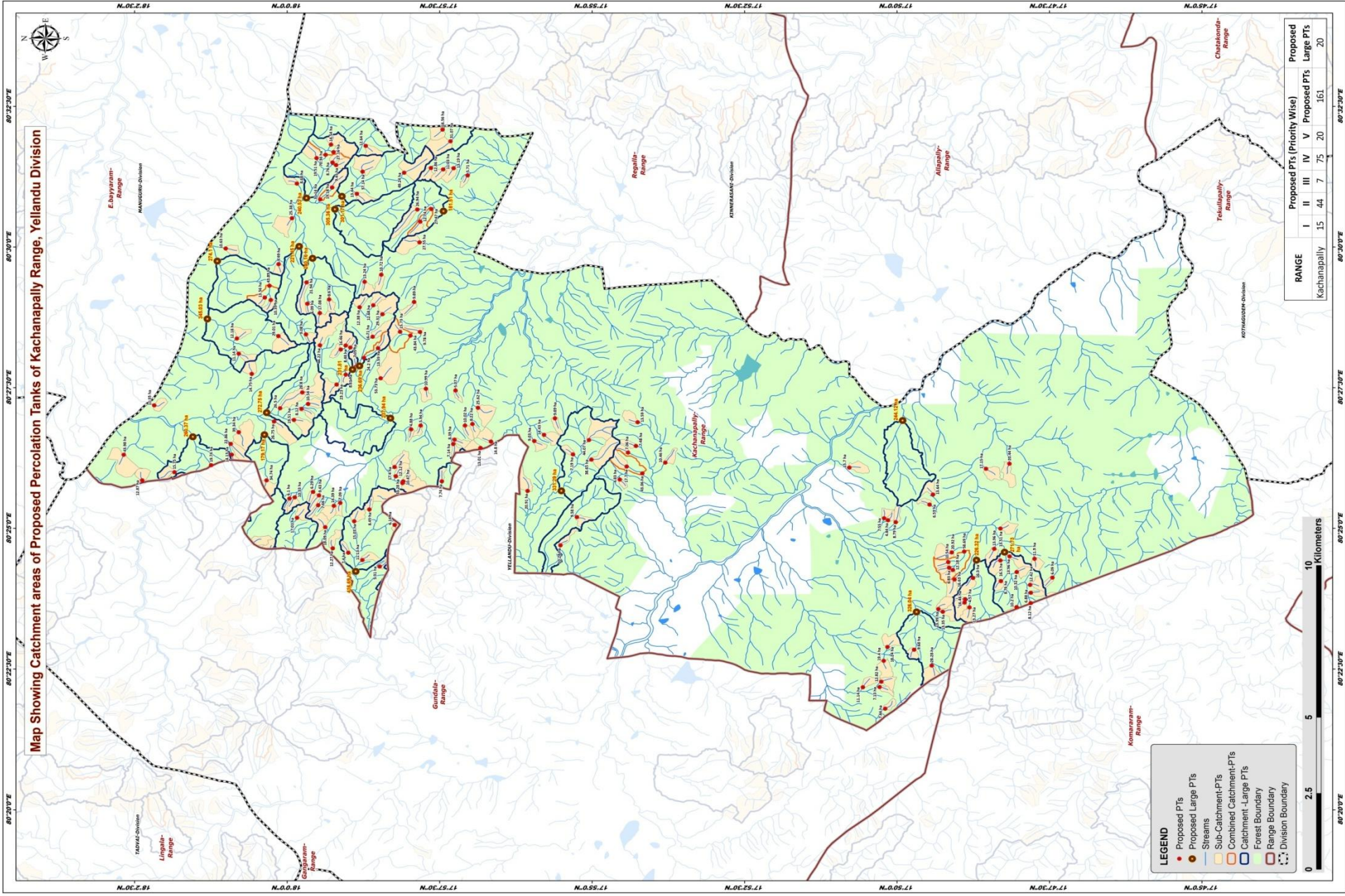
- Proposed PTs
- Proposed Large PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

Suitability Index

- CCTB/SCTB - Highly Suitable
- CCTB/SCTB - Moderately Suitable
- CCTB/SCTB - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

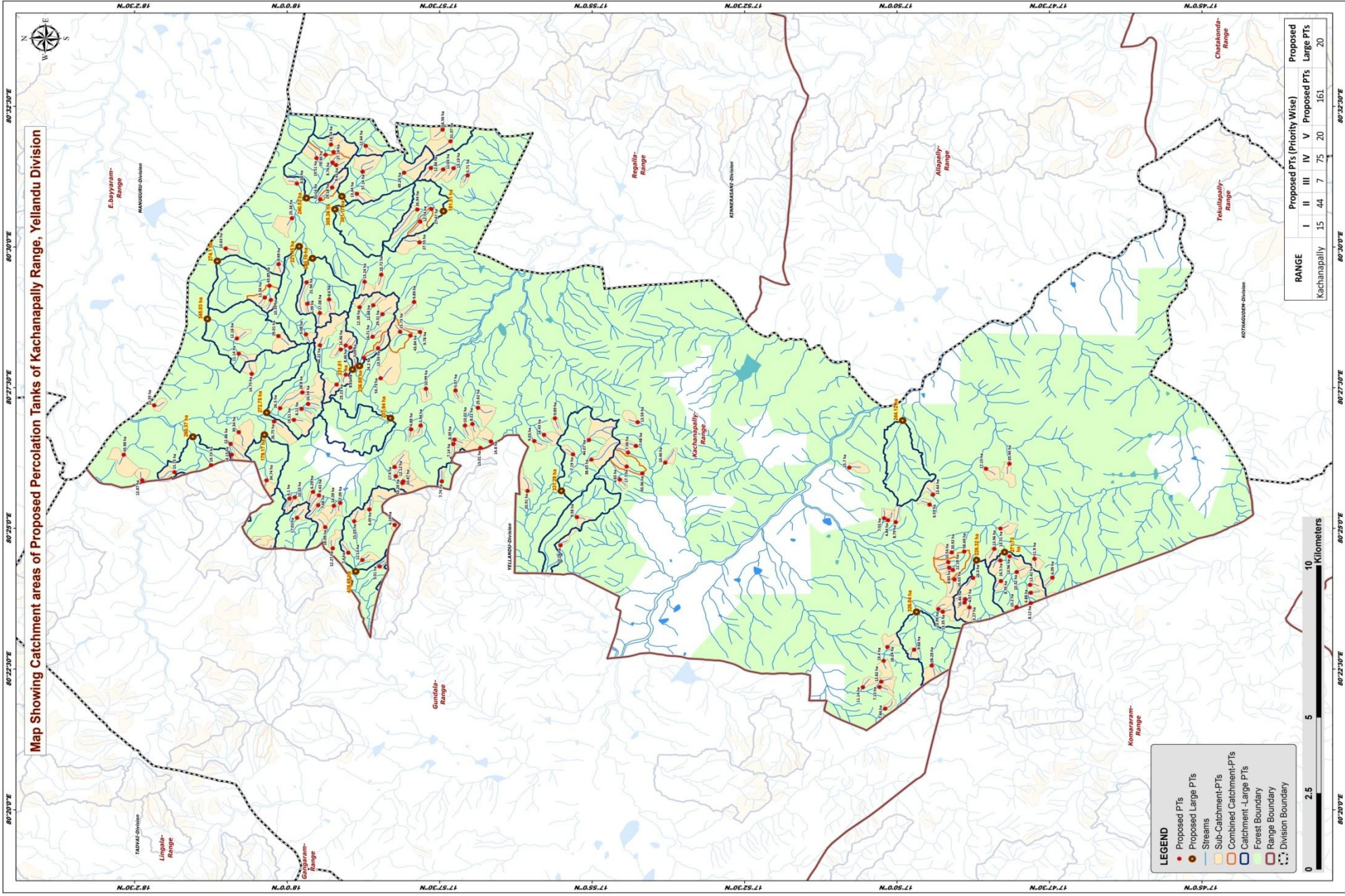


Map Showing Catchment areas of Proposed Percolation Tanks of Kachanapally Range, Yellandu Division



- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Streams
 - Sub-Catchment-PTs
 - Combined Catchment-PTs
 - Catchment-Large PTs
 - Forest Boundary
 - Range Boundary
 - - - Division Boundary

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Kachanapally	15	44	7	75	20	161
						20



Beat wise Abstract of Proposed PT's – Kachanpally Range

S. No.	Beat	Proposed PT's
1	ADAVIRAMAVARAM	8
2	ADAVIRAMAVARM NORTH	4
3	ADAVIRAMAVARM SOUTH	19
4	ADAVIRAMAVARM WEST	12
5	BODAIKUNTA	4
6	JAGGUTHANDA EAST	1
7	JAGGUTHANDA SOUTH	16
8	KARNIGUDEM	20
9	KARNIGUDEM NORTH	3
10	KARNIGUDEM WEST	10
11	KISTAPURAM	13
12	NARSAPURAM	1
13	PEDDATHOGU	8
14	RAVIGUDEM	1
15	SAJJALABODU	2
16	SUDDAREVU NORTH	8
17	SUDDAREVU SOUTH	8
18	SUDDAREVU WEST	5
19	SUDDRAREVU	3
20	VALASALA	1
21	VALASALA NORTH	12
22	VALASALA SOUTH	2
	Total	161

List of Proposed PTs – Kachanpally Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
126	18.001936	80.452306	26.50	II	ADAVIRAMAVARAM	166	18.030781	80.433371	15.75	IV	ADAVIRAMAVARM (W)	206	17.975165	80.470090	13.59	IV	KARNIGUDEM
127	17.998157	80.448839	19.51	II	ADAVIRAMAVARAM	167	18.002385	80.473691	29.01	V	ADAVIRAMAVARM (W)	207	17.985354	80.469701	8.48	IV	KARNIGUDEM
128	18.009679	80.462488	14.75	II	ADAVIRAMAVARAM	168	18.013235	80.445200	39.34	V	ADAVIRAMAVARM (W)	208	17.980205	80.482227	12.38	IV	KARNIGUDEM
129	18.013244	80.468472	11.14	II	ADAVIRAMAVARAM	169	17.802601	80.435890	20.44	II	JAGGUTHANDA EAST	209	17.969116	80.474957	15.73	IV	KARNIGUDEM
130	17.995871	80.456987	28.80	III	ADAVIRAMAVARAM	170	17.802559	80.408432	13.96	I	JAGGUTHANDA (S)	210	17.982735	80.470307	7.05	IV	KARNIGUDEM
131	17.994287	80.453568	10.54	IV	ADAVIRAMAVARAM	171	17.800603	80.403796	10.32	I	JAGGUTHANDA (S)	211	17.976650	80.473479	16.71	IV	KARNIGUDEM
132	17.996077	80.452140	8.12	IV	ADAVIRAMAVARAM	172	17.804927	80.401112	8.76	I	JAGGUTHANDA (S)	212	17.994455	80.483295	6.09	IV	KARNIGUDEM
133	17.986480	80.459332	23.23	IV	ADAVIRAMAVARAM	173	17.796789	80.397651	6.88	I	JAGGUTHANDA (S)	213	17.991051	80.480507	17.08	IV	KARNIGUDEM
134	17.997912	80.425921	10.33	II	ADAVIRAMAVARM (N)	174	17.814712	80.395779	4.57	I	JAGGUTHANDA (S)	214	17.988527	80.484562	8.60	IV	KARNIGUDEM
135	17.999340	80.425566	6.10	IV	ADAVIRAMAVARM (N)	175	17.796952	80.400002	12.42	II	JAGGUTHANDA (S)	215	17.983971	80.462279	8.61	IV	KARNIGUDEM
136	18.005618	80.430957	34.74	V	ADAVIRAMAVARM (N)	176	17.800639	80.393410	10.20	II	JAGGUTHANDA (S)	216	17.984013	80.470896	16.46	IV	KARNIGUDEM
137	18.003571	80.448414	26.75	V	ADAVIRAMAVARM (N)	177	17.790870	80.402149	6.09	II	JAGGUTHANDA (S)	217	17.981400	80.464461	8.95	IV	KARNIGUDEM
138	17.968262	80.430641	10.47	II	ADAVIRAMAVARM SOUTH	178	17.812544	80.402037	16.30	II	JAGGUTHANDA (S)	218	17.994878	80.474216	9.08	IV	KARNIGUDEM
139	17.987214	80.423406	14.39	II	ADAVIRAMAVARM SOUTH	179	17.796766	80.394603	8.12	II	JAGGUTHANDA (S)	219	17.973955	80.480157	29.31	V	KARNIGUDEM
140	17.985481	80.424275	7.09	II	ADAVIRAMAVARM SOUTH	180	17.805081	80.407204	16.50	II	JAGGUTHANDA (S)	220	17.974427	80.461167	53.73	V	KARNIGUDEM
141	17.968484	80.430150	33.28	II	ADAVIRAMAVARM SOUTH	181	17.806760	80.410666	13.96	II	JAGGUTHANDA (S)	221	17.991012	80.470941	44.22	V	KARNIGUDEM
142	17.987547	80.410800	12.27	II	ADAVIRAMAVARM SOUTH	182	17.805071	80.416663	13.51	II	JAGGUTHANDA (S)	222	17.978985	80.467222	24.20	IV	KARNIGUDEM
143	17.997290	80.419848	17.01	II	ADAVIRAMAVARM SOUTH	183	17.795767	80.407738	11.90	II	JAGGUTHANDA (S)	223	17.966306	80.473817	43.84	V	KARNIGUDEM
144	17.979437	80.407356	11.13	II	ADAVIRAMAVARM SOUTH	184	17.813549	80.393324	13.27	II	JAGGUTHANDA (S)	224	18.002326	80.495002	9.49	IV	KARNIGUDEM (N)
145	17.957715	80.430642	7.74	IV	ADAVIRAMAVARM SOUTH	185	17.814970	80.409865	58.69	III	JAGGUTHANDA (S)	225	18.016796	80.499628	10.63	IV	KARNIGUDEM (N)
146	17.992926	80.427552	6.29	IV	ADAVIRAMAVARM SOUTH	186	17.819344	80.406721	10.54	I	KISTAPURAM	226	18.004819	80.488588	43.89	V	KARNIGUDEM (N)
147	17.983278	80.409502	7.40	IV	ADAVIRAMAVARM SOUTH	187	17.817628	80.401596	16.63	I	KISTAPURAM	227	17.944286	80.442451	14.80	II	KARNIGDEM (W)
148	17.991502	80.423606	7.66	IV	ADAVIRAMAVARM SOUTH	188	17.818075	80.404424	12.18	I	KISTAPURAM	228	17.947182	80.440545	13.01	IV	KARNIGDEM (W)
149	17.974727	80.405420	5.31	IV	ADAVIRAMAVARM SOUTH	189	17.833681	80.418549	8.79	II	KISTAPURAM	229	17.949367	80.447635	8.22	IV	KARNIGDEM (W)
150	17.981674	80.418847	15.03	IV	ADAVIRAMAVARM SOUTH	190	17.822049	80.392835	13.99	II	KISTAPURAM	230	17.954269	80.443009	8.39	IV	KARNIGDEM (W)
151	17.970647	80.434916	17.40	IV	ADAVIRAMAVARM SOUTH	191	17.820829	80.392032	13.35	II	KISTAPURAM	231	17.953973	80.457589	5.07	IV	KARNIGDEM (W)
152	17.989574	80.417073	18.09	IV	ADAVIRAMAVARM SOUTH	192	17.824416	80.423751	6.53	II	KISTAPURAM	232	17.951365	80.447206	10.02	IV	KARNIGDEM (W)
153	17.970300	80.432163	12.12	IV	ADAVIRAMAVARM SOUTH	193	17.836859	80.419732	7.55	II	KISTAPURAM	233	17.966122	80.446070	4.88	IV	KARNIGDEM (W)
154	17.977518	80.422335	8.45	IV	ADAVIRAMAVARM SOUTH	194	17.823494	80.426756	13.64	II	KISTAPURAM	234	17.962072	80.458109	10.99	IV	KARNIGDEM (W)
155	17.991308	80.426496	9.43	IV	ADAVIRAMAVARM SOUTH	195	17.835812	80.419147	4.84	II	KISTAPURAM	235	17.963495	80.447192	5.94	IV	KARNIGDEM (W)
156	17.970600	80.417753	6.14	IV	ADAVIRAMAVARM SOUTH	196	17.814862	80.394746	16.46	II	KISTAPURAM	236	17.954589	80.441711	7.14	IV	KARNIGDEM (W)
157	18.020753	80.435456	19.74	I	ADAVIRAMAVARM WEST	197	17.819090	80.405103	6.83	II	KISTAPURAM	237	17.957511	80.534859	16.56	IV	SUDDAREVU (N)
158	18.015437	80.441747	22.86	I	ADAVIRAMAVARM WEST	198	17.818372	80.409601	20.92	II	KISTAPURAM	238	17.960708	80.523475	12.86	IV	SUDDAREVU (N)
159	18.036309	80.453181	11.35	II	ADAVIRAMAVARM WEST	199	17.809001	80.434400	17.15	IV	RAVIGUDEM	239	17.986624	80.524333	9.45	IV	SUDDAREVU (N)
160	18.044647	80.438519	43.98	III	ADAVIRAMAVARM WEST	200	17.963622	80.507580	12.74	IV	BODAIKUNTA	240	17.980961	80.515849	13.44	IV	SUDDAREVU (N)
161	18.006097	80.485090	13.56	IV	ADAVIRAMAVARM WEST	201	17.965280	80.483791	9.89	IV	BODAIKUNTA	241	17.955357	80.531374	31.07	V	SUDDAREVU (N)
162	18.004441	80.484387	10.35	IV	ADAVIRAMAVARM WEST	202	17.963812	80.501451	27.55	V	BODAIKUNTA	242	17.979382	80.522386	37.14	V	SUDDAREVU (N)
163	18.013740	80.472973	12.18	IV	ADAVIRAMAVARM WEST	203	17.960559	80.511326	27.47	V	BODAIKUNTA	243	17.968022	80.522065	49.24	V	SUDDAREVU (N)
164	18.015164	80.438568	14.13	IV	ADAVIRAMAVARM WEST	204	17.963691	80.474880	9.78	IV	KARNIGUDEM	244	17.964395	80.511170	26.94	V	SUDDAREVU (N)
165	18.039601	80.430949	12.87	IV	ADAVIRAMAVARM WEST	205	17.976465	80.482811	12.68	IV	KARNIGUDEM	245	17.987596	80.525069	8.76	IV	SUDDAREVU (S)

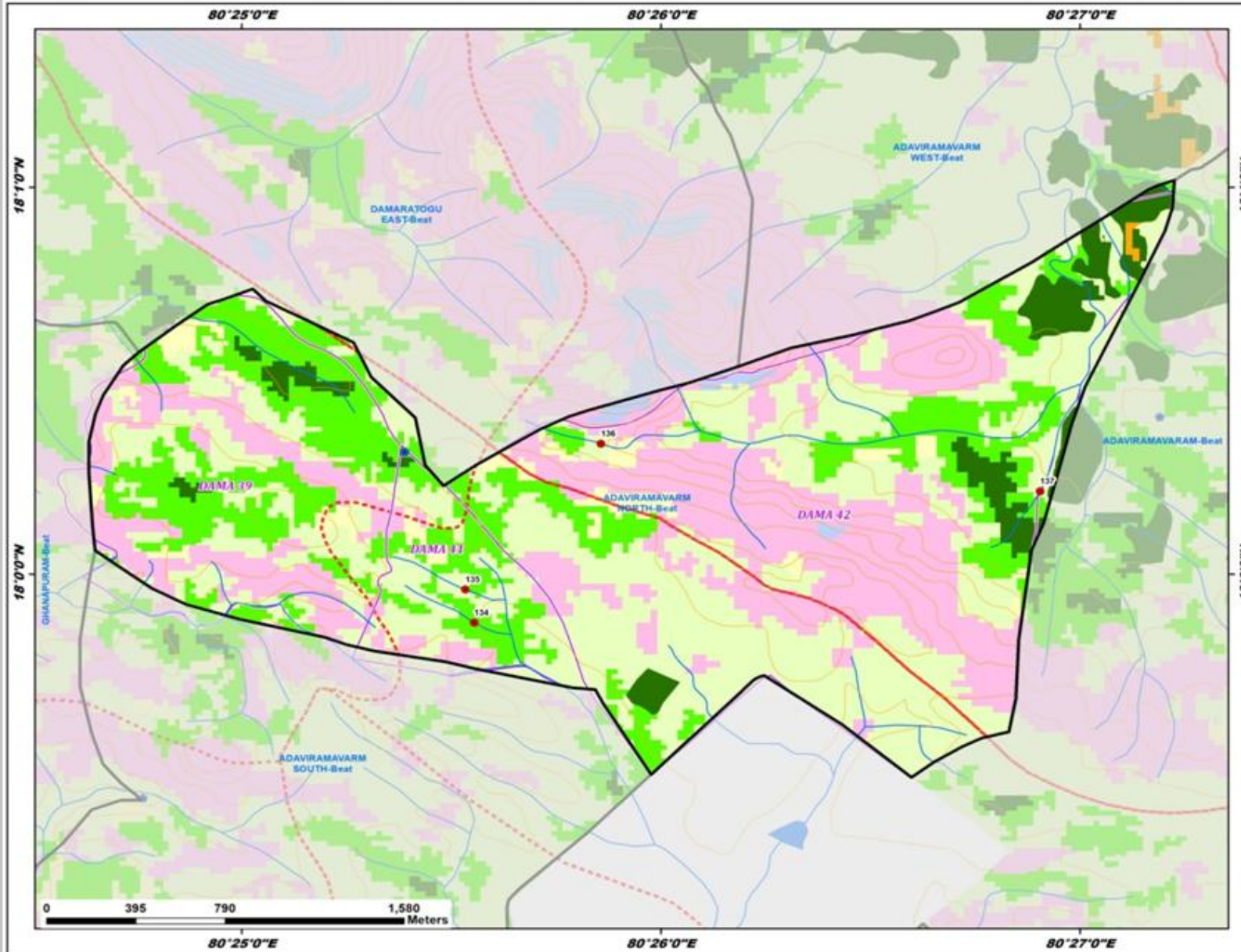
List of Proposed PTs – Kachanpally Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
246	17.997319	80.518852	8.68	IV	SUDDAREVU SOUTH
247	17.988024	80.530387	14.54	IV	SUDDAREVU SOUTH
248	17.978507	80.530028	12.64	IV	SUDDAREVU SOUTH
249	17.991967	80.526380	19.51	IV	SUDDAREVU SOUTH
250	17.998674	80.508600	25.38	V	SUDDAREVU SOUTH
251	17.987323	80.528154	27.16	V	SUDDAREVU SOUTH
252	17.989487	80.527368	70.36	V	SUDDAREVU SOUTH
253	17.978824	80.489757	13.24	IV	SUDDAREVU WEST
254	17.974272	80.491875	10.72	IV	SUDDAREVU WEST
255	17.987689	80.517691	19.18	IV	SUDDAREVU WEST
256	17.994707	80.489588	21.94	IV	SUDDAREVU WEST
257	17.990953	80.514169	31.14	V	SUDDAREVU WEST
258	17.950656	80.521269	5.71	II	SUDDRAREVU
259	17.957337	80.523067	11.03	IV	SUDDRAREVU
260	17.954490	80.523418	13.19	IV	SUDDRAREVU
261	17.846374	80.434738	15.70	II	NARSAPURAM
262	17.828642	80.380782	9.68	I	PEDDATHOGU
263	17.842650	80.369673	11.14	I	PEDDATHOGU
264	17.835946	80.381577	18.24	I	PEDDATHOGU
265	17.837641	80.371322	12.82	I	PEDDATHOGU
266	17.836566	80.363337	7.66	II	PEDDATHOGU
267	17.836957	80.377511	19.40	II	PEDDATHOGU
268	17.838096	80.369739	7.13	II	PEDDATHOGU
269	17.823841	80.376113	28.28	III	PEDDATHOGU
270	17.920816	80.420052	9.58	IV	SAJJALABODU
271	17.925323	80.411711	10.28	IV	SAJJALABODU
272	17.904215	80.448161	13.59	II	VALASALA
273	17.934292	80.427797	20.91	I	VALASALA NORTH
274	17.907224	80.435035	17.70	II	VALASALA NORTH
275	17.896666	80.436212	10.46	II	VALASALA NORTH
276	17.906834	80.439173	7.06	II	VALASALA NORTH
277	17.916851	80.437107	38.65	III	VALASALA NORTH
278	17.917544	80.442888	44.07	III	VALASALA NORTH
279	17.904667	80.441137	7.48	IV	VALASALA NORTH
280	17.932485	80.442626	9.03	IV	VALASALA NORTH
281	17.929792	80.444425	14.43	IV	VALASALA NORTH
282	17.909089	80.431206	4.83	IV	VALASALA NORTH
283	17.921875	80.438630	7.19	IV	VALASALA NORTH
284	17.902928	80.433030	43.06	III	VALASALA NORTH
285	17.926810	80.449318	9.89	IV	VALASALA SOUTH
286	17.947844	80.452435	25.62	V	VALASALA SOUTH

Map Showing Suitability index for Construction of SMC Works of Adaviramavaram North Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
134	17.997912	80.425921	10.33	II
135	17.999340	80.425566	6.10	IV
136	18.005618	80.430957	34.74	V
137	18.003571	80.448414	26.75	V

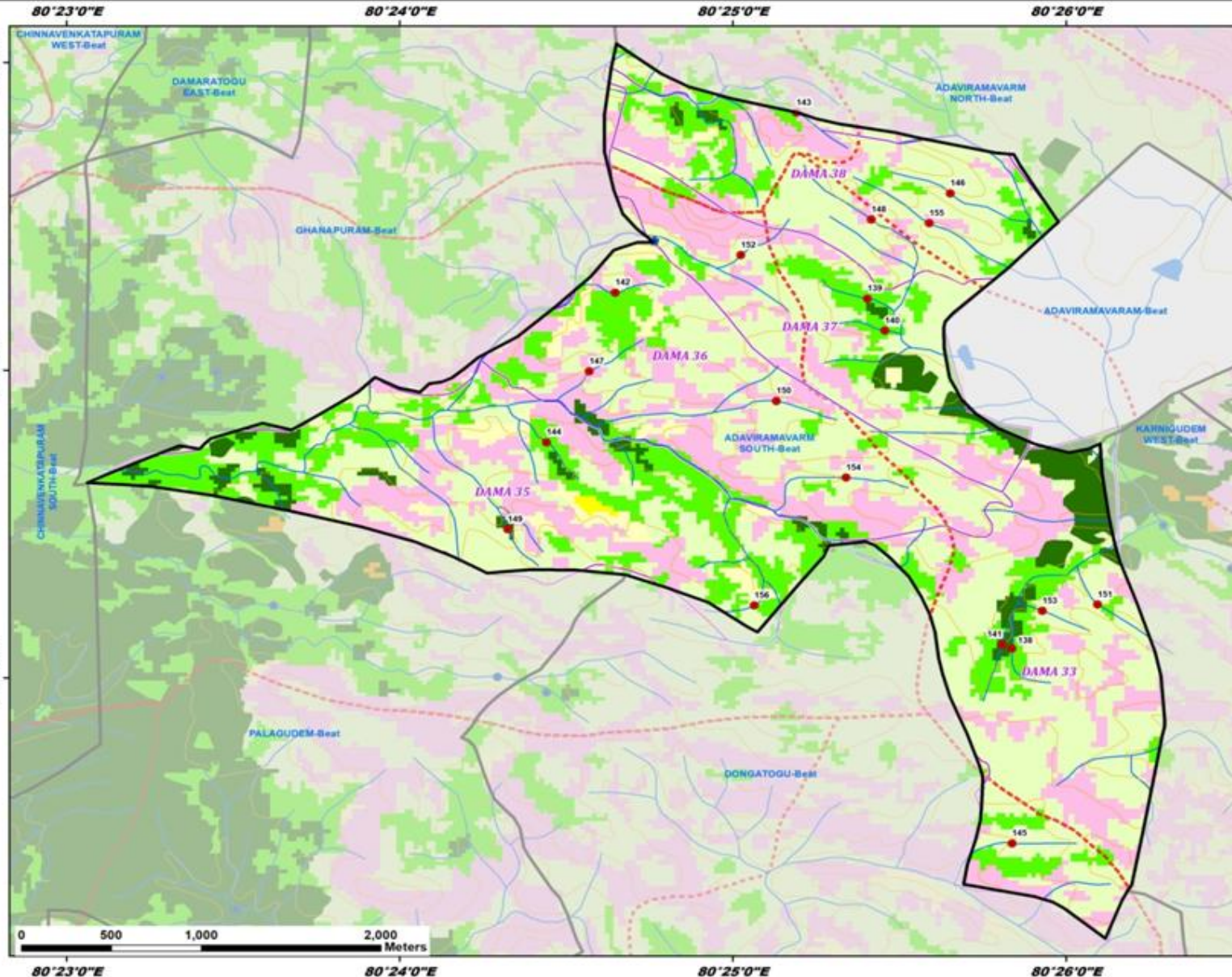
Legend

- Proposed_PTs
 - Existing CD/PTs
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 - Streams
 - Watershed Boundary
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 - Beat Boundary
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- ### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Adaviramavaram South Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
138	17.968262	80.430641	10.47	II
139	17.987214	80.423406	14.39	II
140	17.985481	80.424275	7.09	II
141	17.968484	80.430150	33.28	II
142	17.987547	80.410800	12.27	II
143	17.997290	80.419848	17.01	II
144	17.979437	80.407356	11.13	II
145	17.957715	80.430642	7.74	IV
146	17.992926	80.427552	6.29	IV
147	17.983278	80.409502	7.40	IV
148	17.991502	80.423606	7.66	IV
149	17.974727	80.405420	5.31	IV
150	17.981674	80.418847	15.03	IV
151	17.970647	80.434916	17.40	IV
152	17.989574	80.417073	18.09	IV
153	17.970300	80.432163	12.12	IV
154	17.977518	80.422335	8.45	IV
155	17.991308	80.426496	9.43	IV
156	17.970600	80.417753	6.14	IV

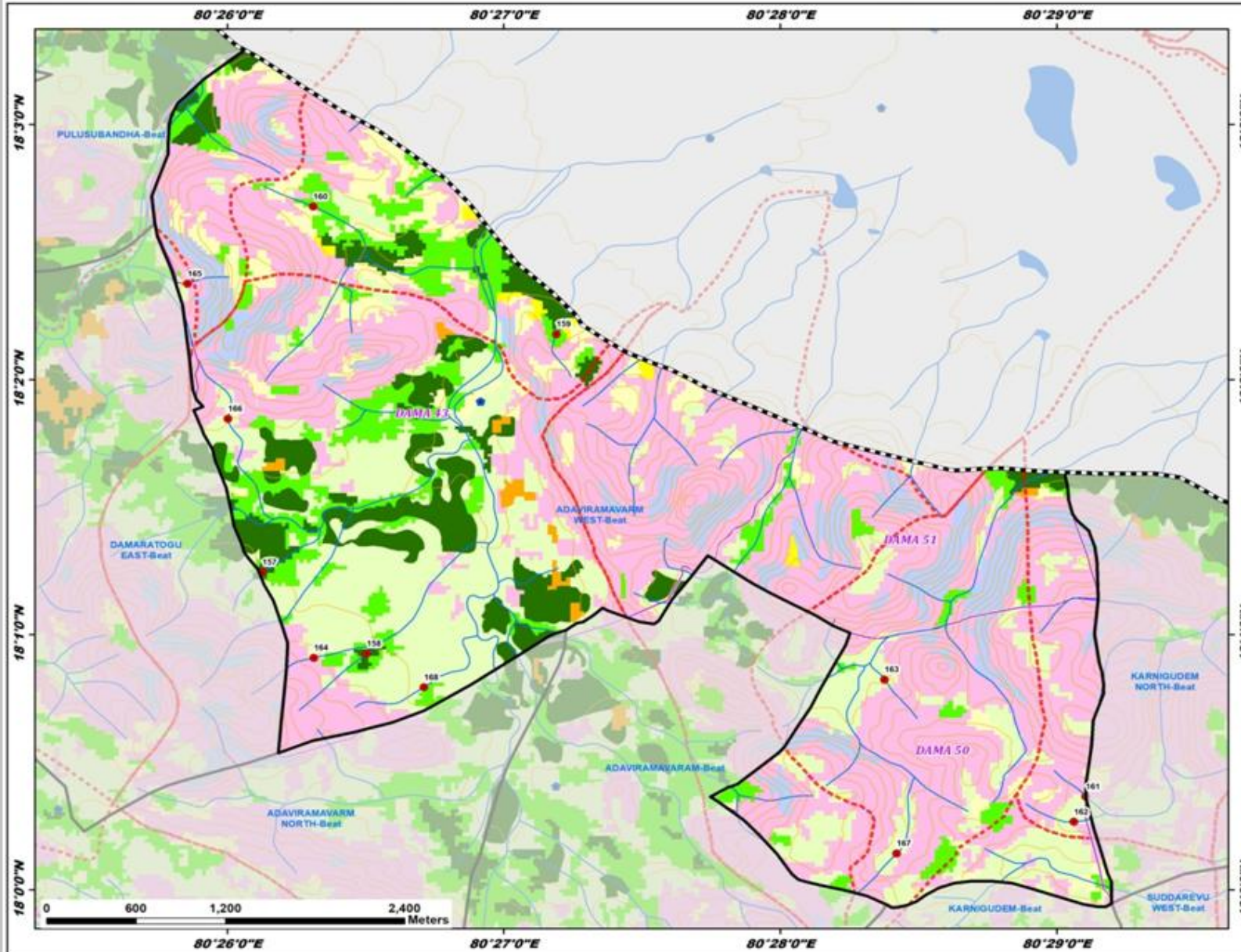
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Adaviramavaram West Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
157	18.020753	80.435456	19.74	I
158	18.015437	80.441747	22.86	I
159	18.036309	80.453181	11.35	II
160	18.044647	80.438519	43.98	III
161	18.006097	80.485090	13.56	IV
162	18.004441	80.484387	10.35	IV
163	18.013740	80.472973	12.18	IV
164	18.015164	80.438568	14.13	IV
165	18.039601	80.430949	12.87	IV
166	18.030781	80.433371	15.75	IV
167	18.002385	80.473691	29.01	V
168	18.013235	80.445200	39.34	V

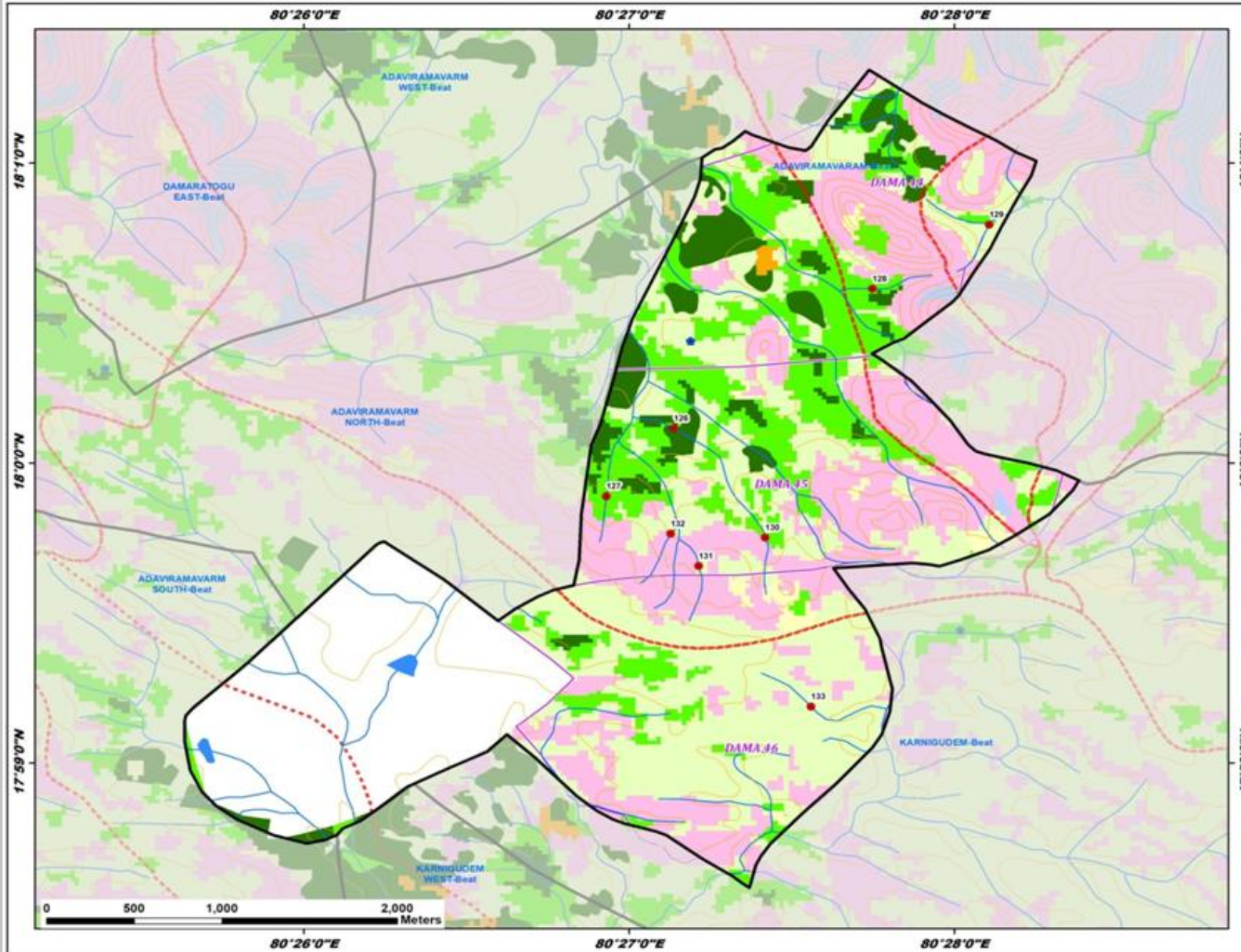
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Adaviramavaram Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
126	18.001936	80.452306	26.50	II
127	17.998157	80.448839	19.51	II
128	18.009679	80.462488	14.75	II
129	18.013244	80.468472	11.14	II
130	17.995871	80.456987	28.80	III
131	17.994287	80.453568	10.54	IV
132	17.996077	80.452140	8.12	IV
133	17.986480	80.459332	23.23	IV

Legend

- Proposed_PTs
- Existing_CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

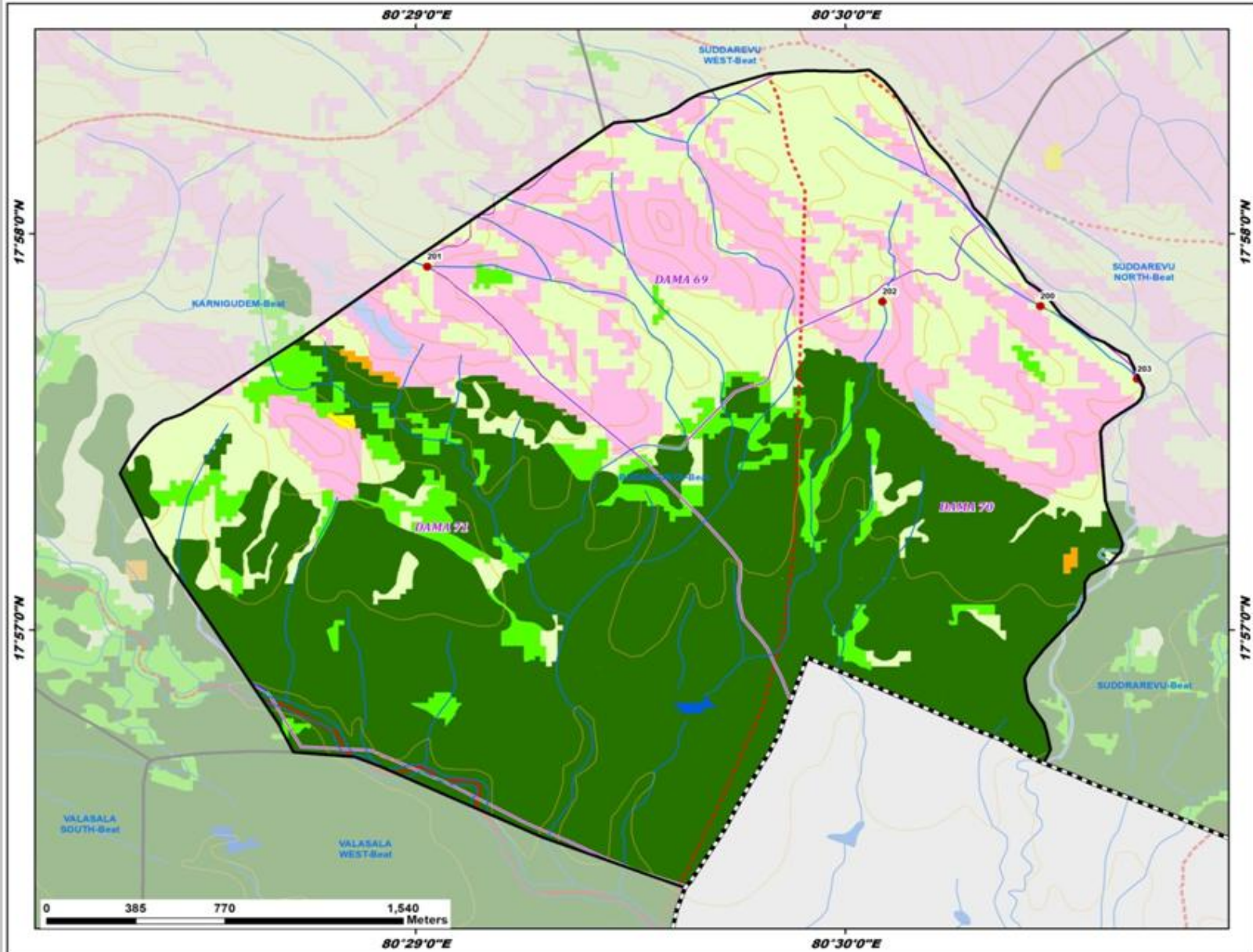
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Bodaikunta Beat



Division : Yellandu
Range : Kachanapally



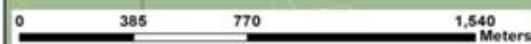
ID	Latitude	Longitude	Catchment Area_Ha	Priority
200	17.963622	80.507580	12.74	IV
201	17.965280	80.483791	9.89	IV
202	17.963812	80.501451	27.55	V
203	17.960559	80.511326	27.47	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

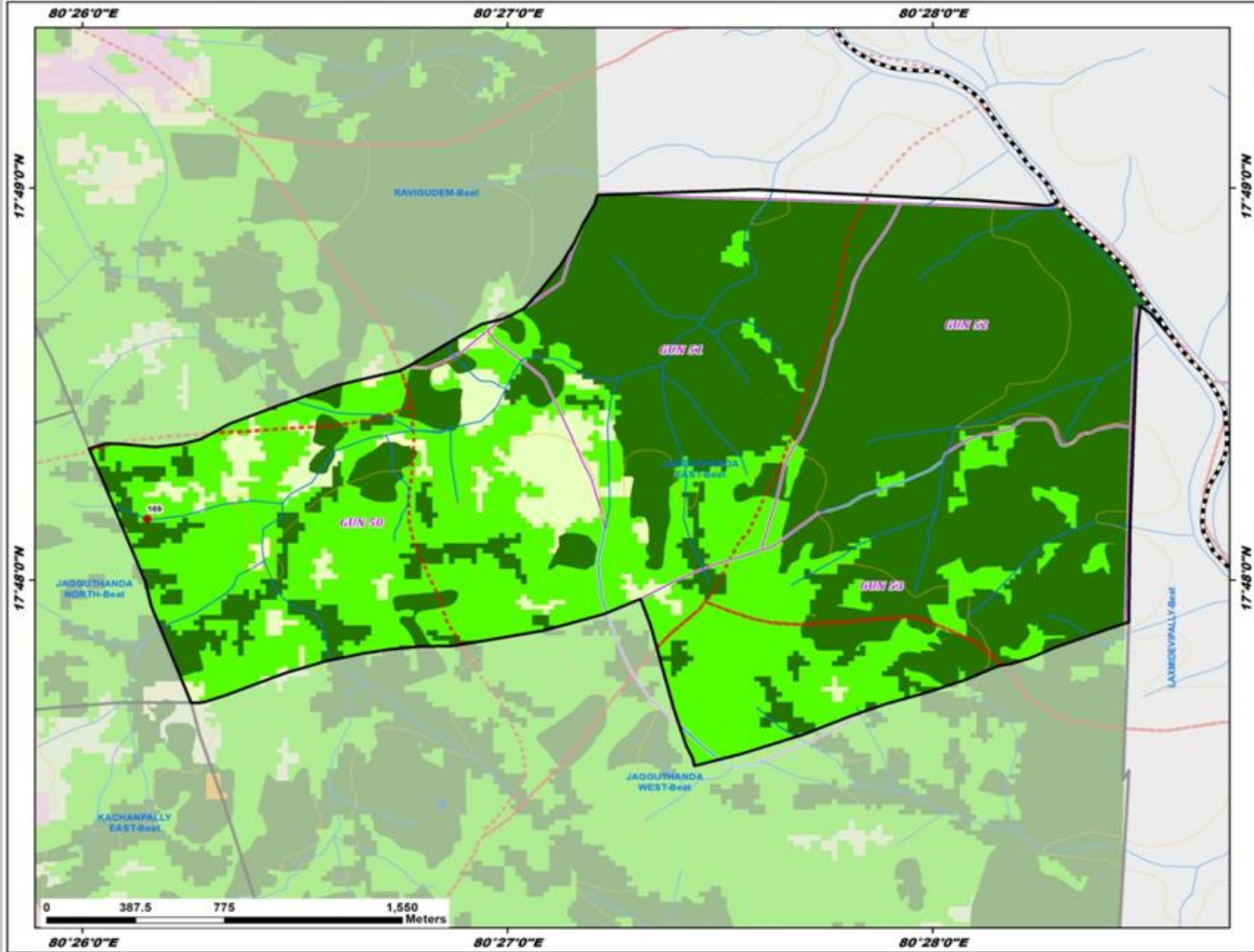
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Jagguthanda East Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
169	17.802601	80.435890	20.44	II

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

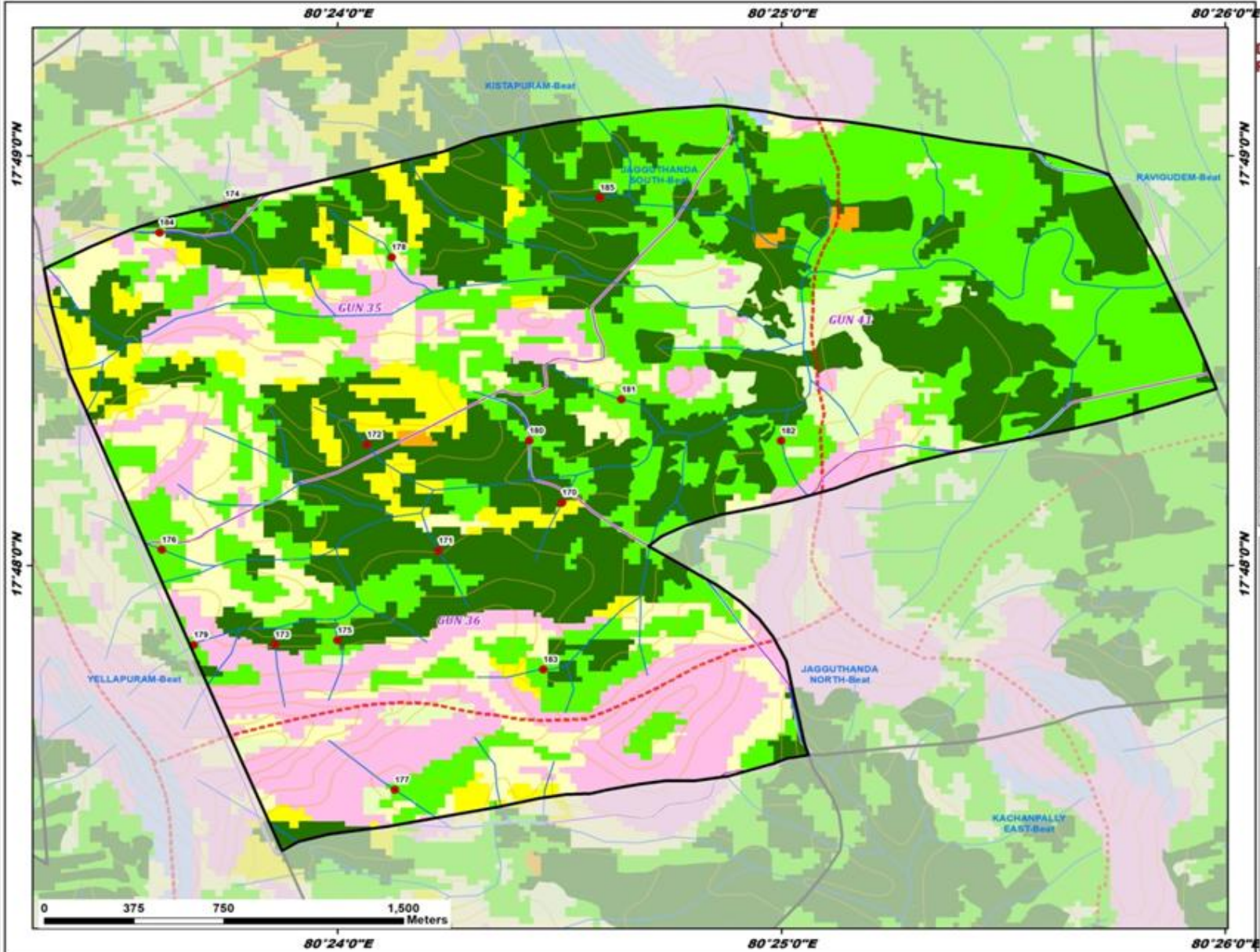
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Jagguthanda South Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
170	17.802559	80.408432	13.96	I
171	17.800603	80.403796	10.32	I
172	17.804927	80.401112	8.76	I
173	17.796789	80.397651	6.88	I
174	17.814712	80.395779	4.57	I
175	17.796952	80.400002	12.42	II
176	17.800639	80.393410	10.20	II
177	17.790870	80.402149	6.09	II
178	17.812544	80.402037	16.30	II
179	17.796766	80.394603	8.12	II
180	17.805081	80.407204	16.50	II
181	17.806760	80.410666	13.96	II
182	17.805071	80.416663	13.51	II
183	17.795767	80.407738	11.90	II
184	17.813549	80.393324	13.27	II
185	17.814970	80.409865	58.69	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

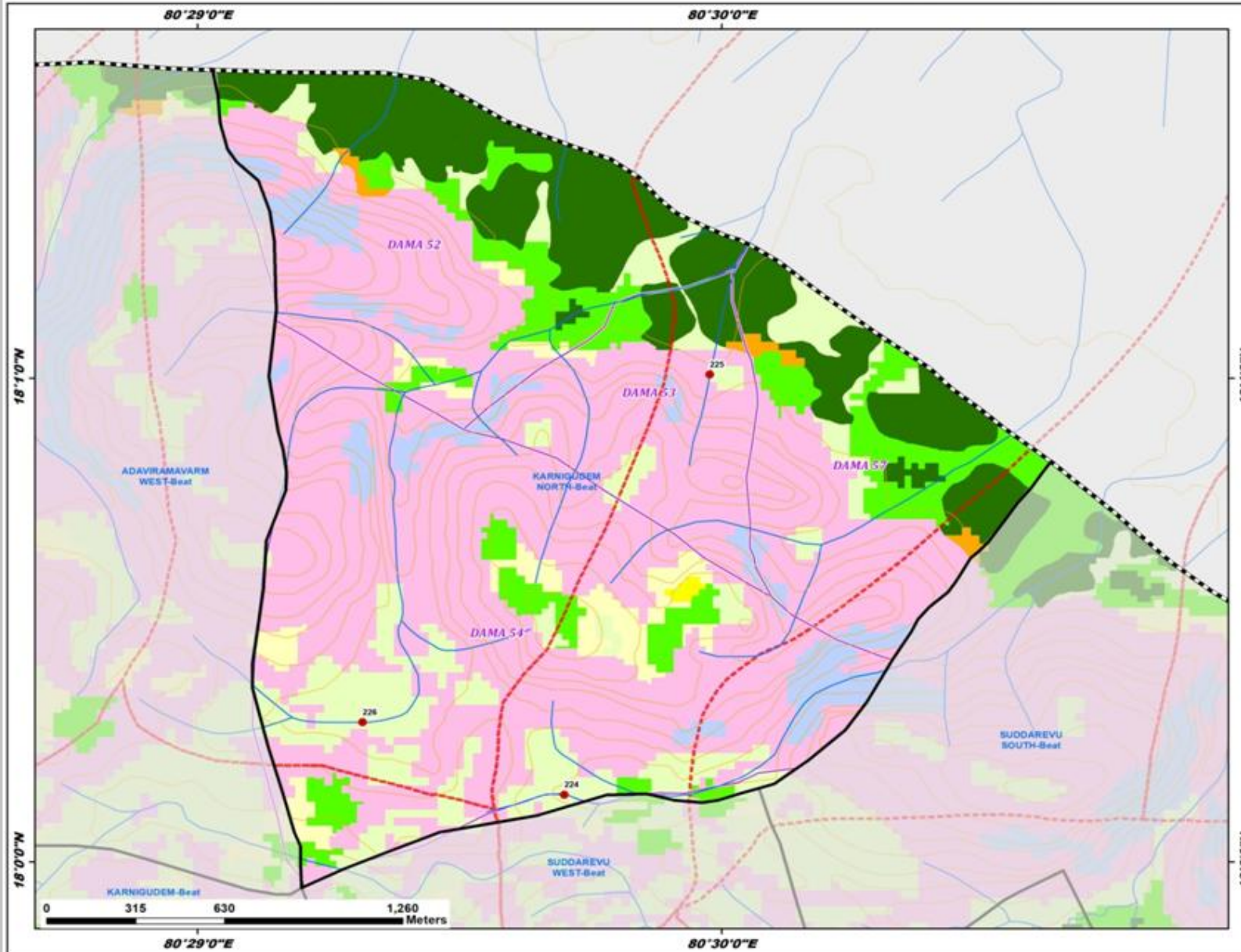
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Karnigudem North Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
224	18.002326	80.495002	9.49	IV
225	18.016796	80.499628	10.63	IV
226	18.004819	80.488588	43.89	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

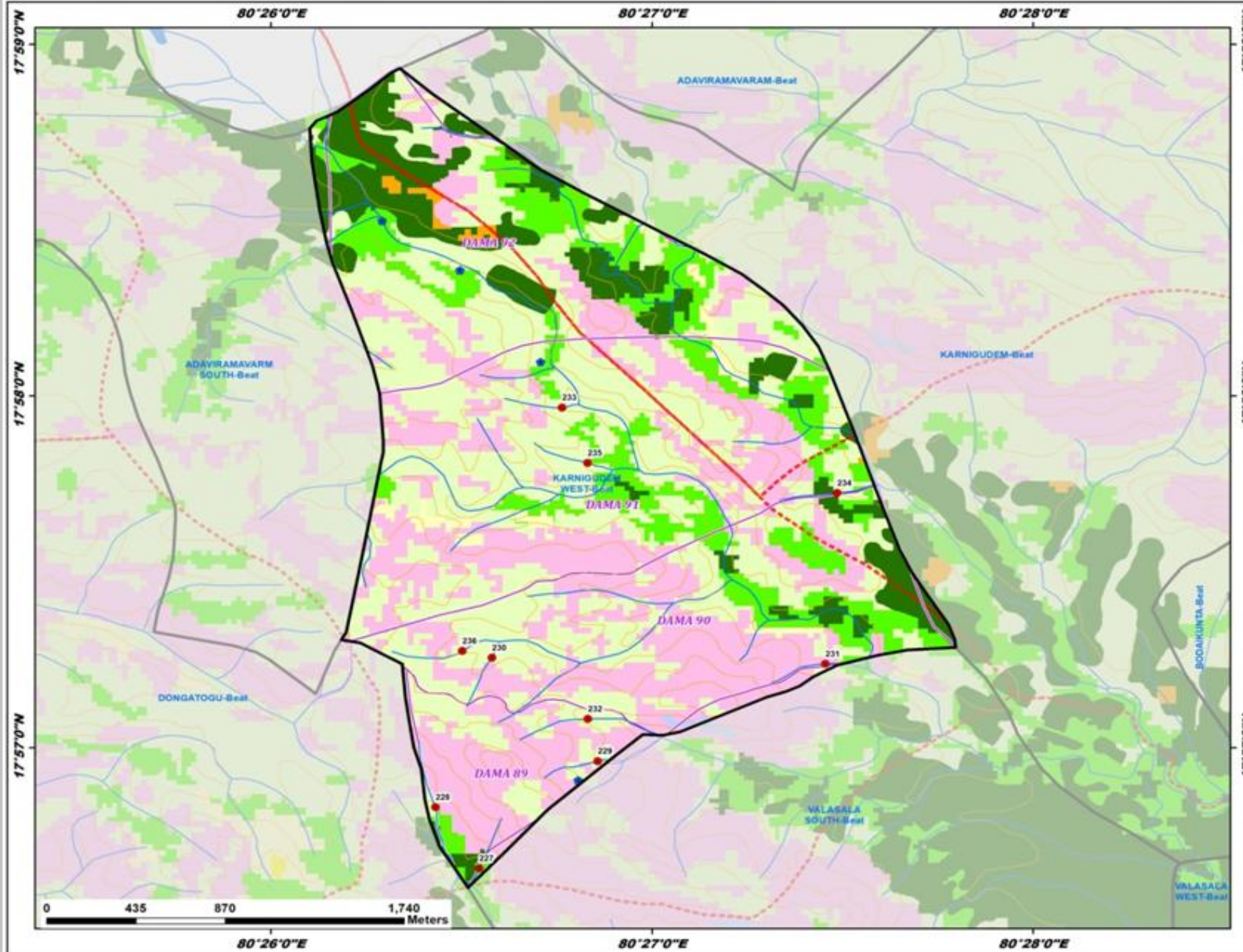
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Karnigudem West Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
227	17.944286	80.442451	14.80	III
228	17.947182	80.440545	13.01	IV
229	17.949367	80.447635	8.22	IV
230	17.954269	80.443009	8.39	IV
231	17.953973	80.457589	5.07	IV
232	17.951365	80.447206	10.02	IV
233	17.966122	80.446070	4.88	IV
234	17.962072	80.458109	10.99	IV
235	17.963495	80.447192	5.94	IV
236	17.954589	80.441711	7.14	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

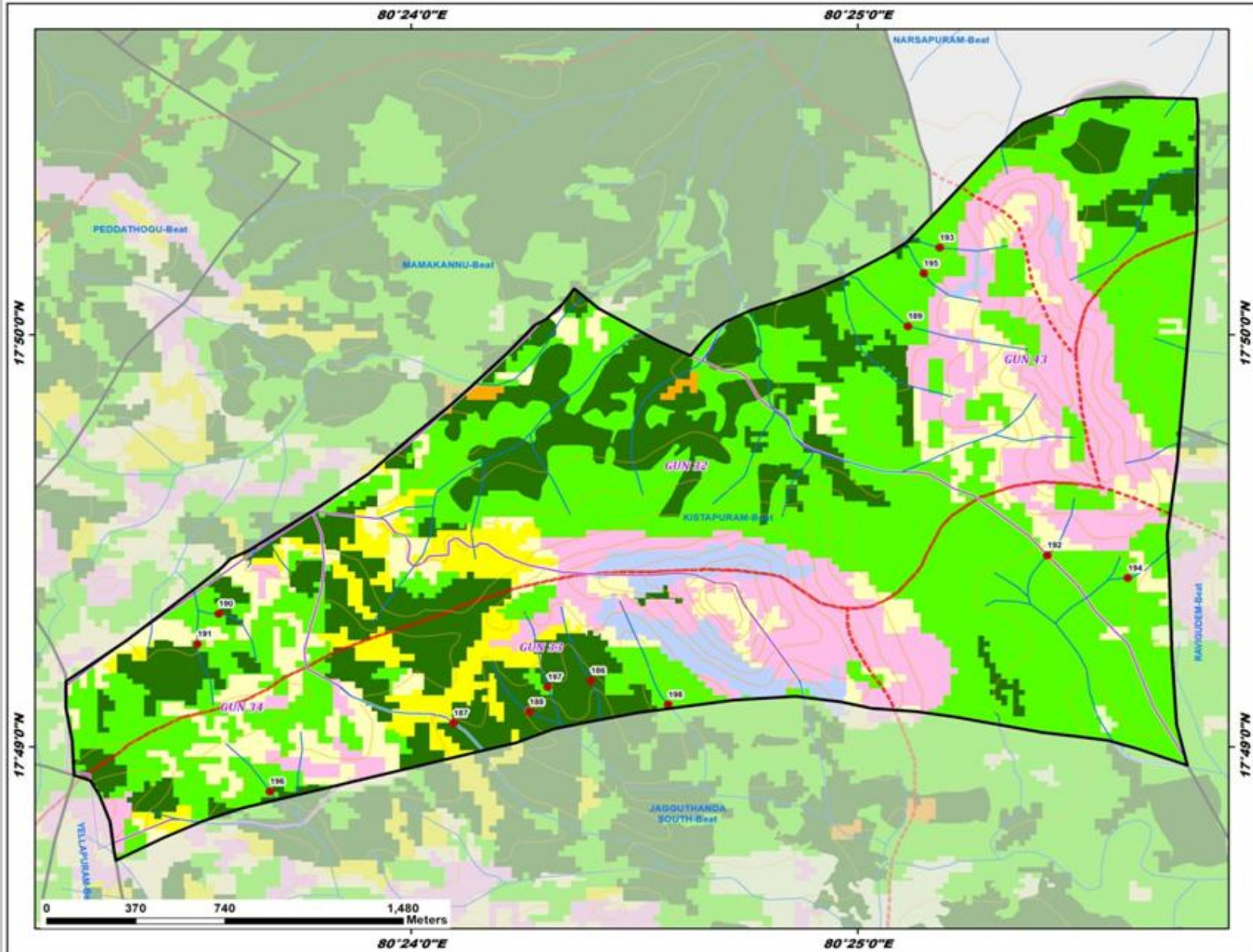
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Kistapuram Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
186	17.819344	80.406721	10.54	I
187	17.817628	80.401596	16.63	I
188	17.818075	80.404424	12.18	I
189	17.833681	80.418549	8.79	II
190	17.822049	80.392835	13.99	II
191	17.820829	80.392032	13.35	II
192	17.824416	80.423751	6.53	II
193	17.836859	80.419732	7.55	II
194	17.823494	80.426756	13.64	II
195	17.835812	80.419147	4.84	II
196	17.814862	80.394746	16.46	II
197	17.819090	80.405103	6.83	II
198	17.818372	80.409601	20.92	II

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

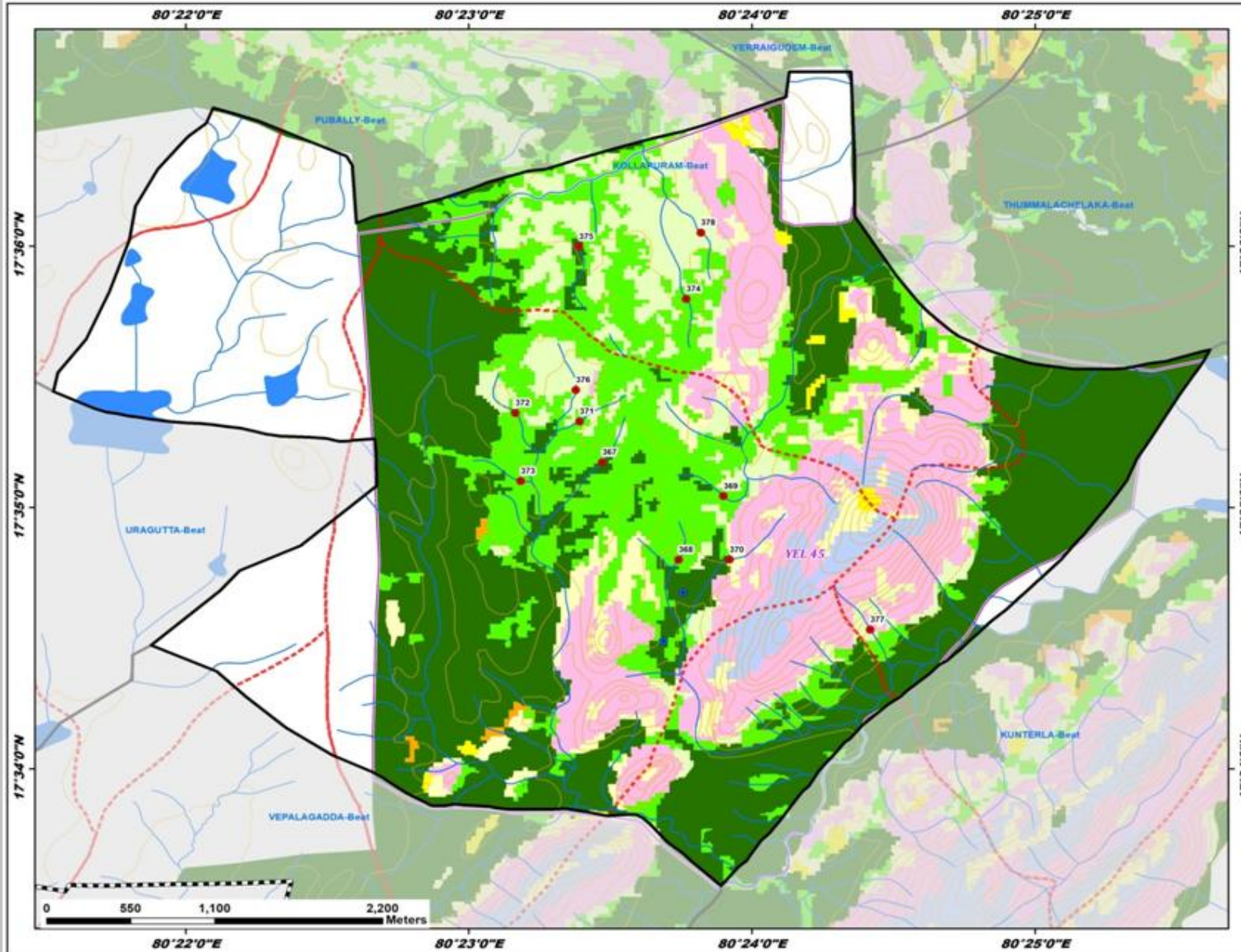
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Kollapuram Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
367	17.586225	80.391185	12.02	I
368	17.580006	80.395694	12.10	II
369	17.584068	80.398322	22.75	II
370	17.580018	80.398578	25.13	II
371	17.588835	80.389857	9.23	II
372	17.589377	80.386071	15.61	II
373	17.585026	80.386408	9.80	II
374	17.596644	80.396139	17.66	II
375	17.599987	80.389825	36.32	II
376	17.590837	80.389647	7.53	IV
377	17.575549	80.406964	14.44	IV
378	17.600876	80.397007	17.55	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

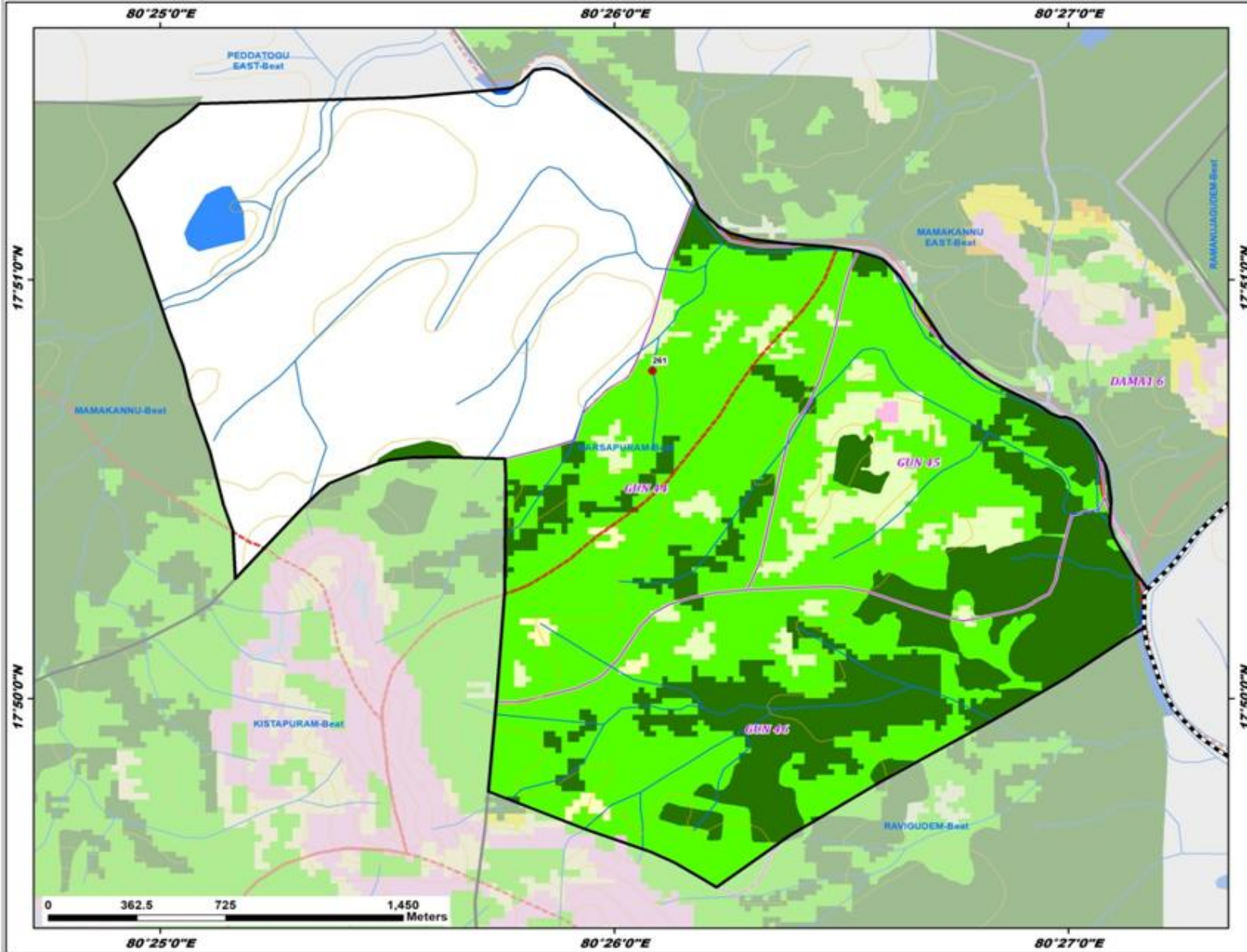
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Narsapuram Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
261	17.846374	80.434738	15.70	II

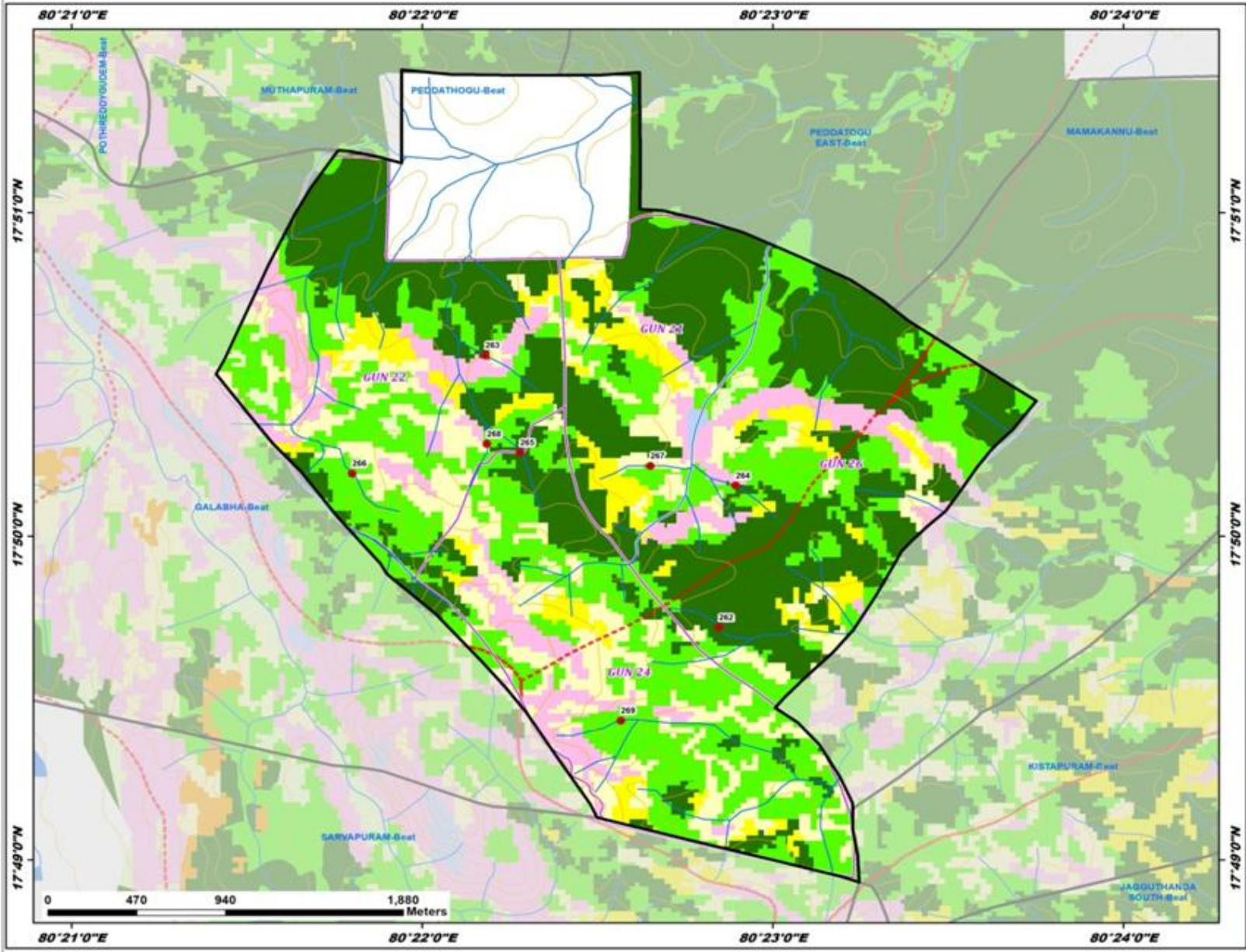
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPts - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Peddathogu Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
262	17.828642	80.380782	9.68	I
263	17.842650	80.369673	11.14	I
264	17.835946	80.381577	18.24	I
265	17.837641	80.371322	12.82	I
266	17.836566	80.363337	7.66	II
267	17.836957	80.377511	19.40	II
268	17.838096	80.369739	7.13	II
269	17.823841	80.376113	28.28	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

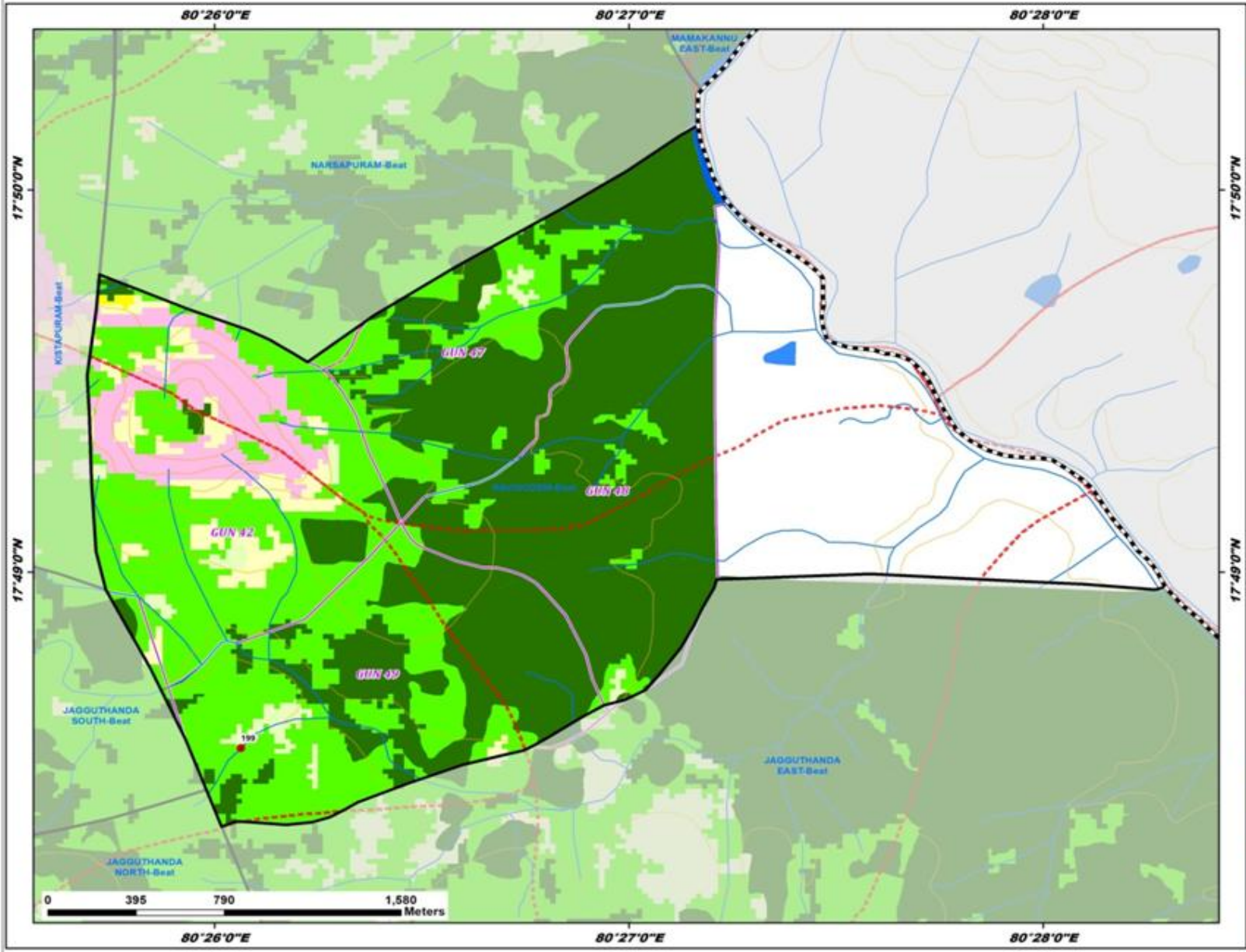
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Ravigudem Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
199	17.809001	80.434400	17.15	IV

Legend

- Proposed_PTs
- Existing CD/Pts
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

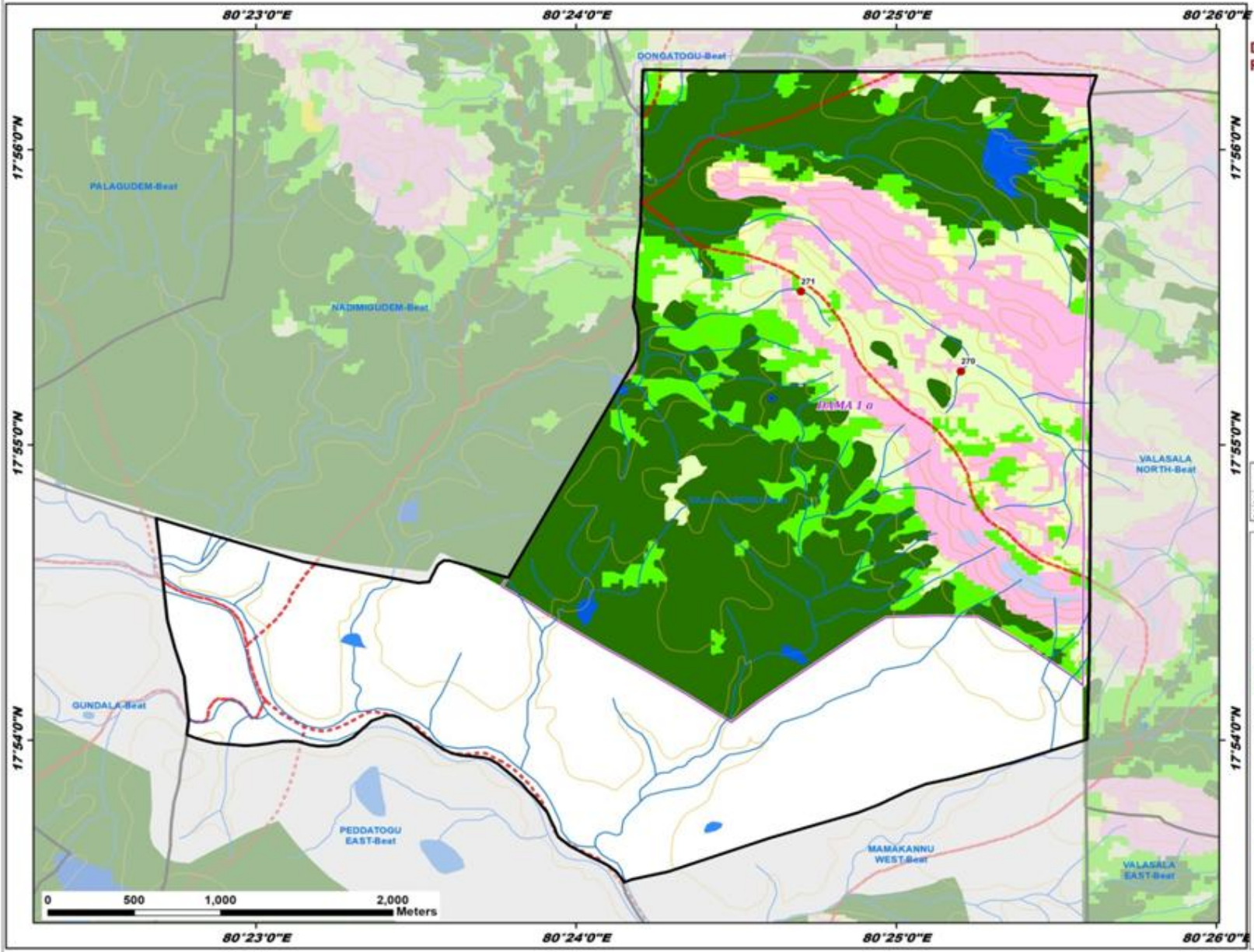
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Sajjalabodu Beat



Division : Yellandu
Range : Kachanapally



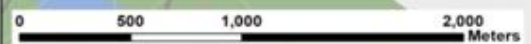
ID	Latitude	Longitude	Catchment Area_Ha	Priority
270	17.920816	80.420052	9.58	IV
271	17.925323	80.411711	10.28	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

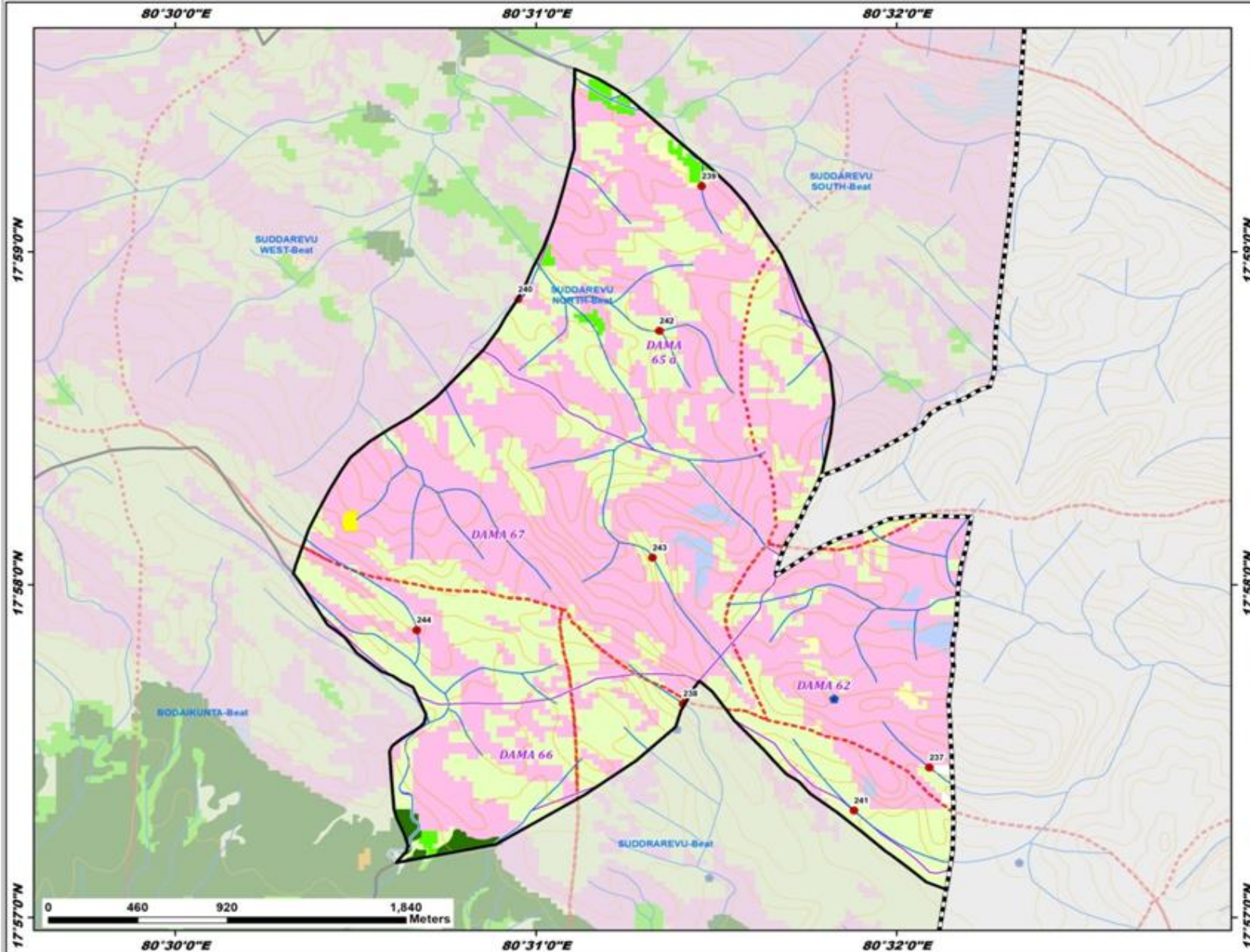
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Suddarevu North Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
237	17.957511	80.534859	16.56	IV
238	17.960708	80.523475	12.86	IV
239	17.986624	80.524333	9.45	IV
240	17.980961	80.515849	13.44	IV
241	17.955357	80.531374	31.07	V
242	17.979382	80.522386	37.14	V
243	17.968022	80.522065	49.24	V
244	17.964395	80.511170	26.94	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

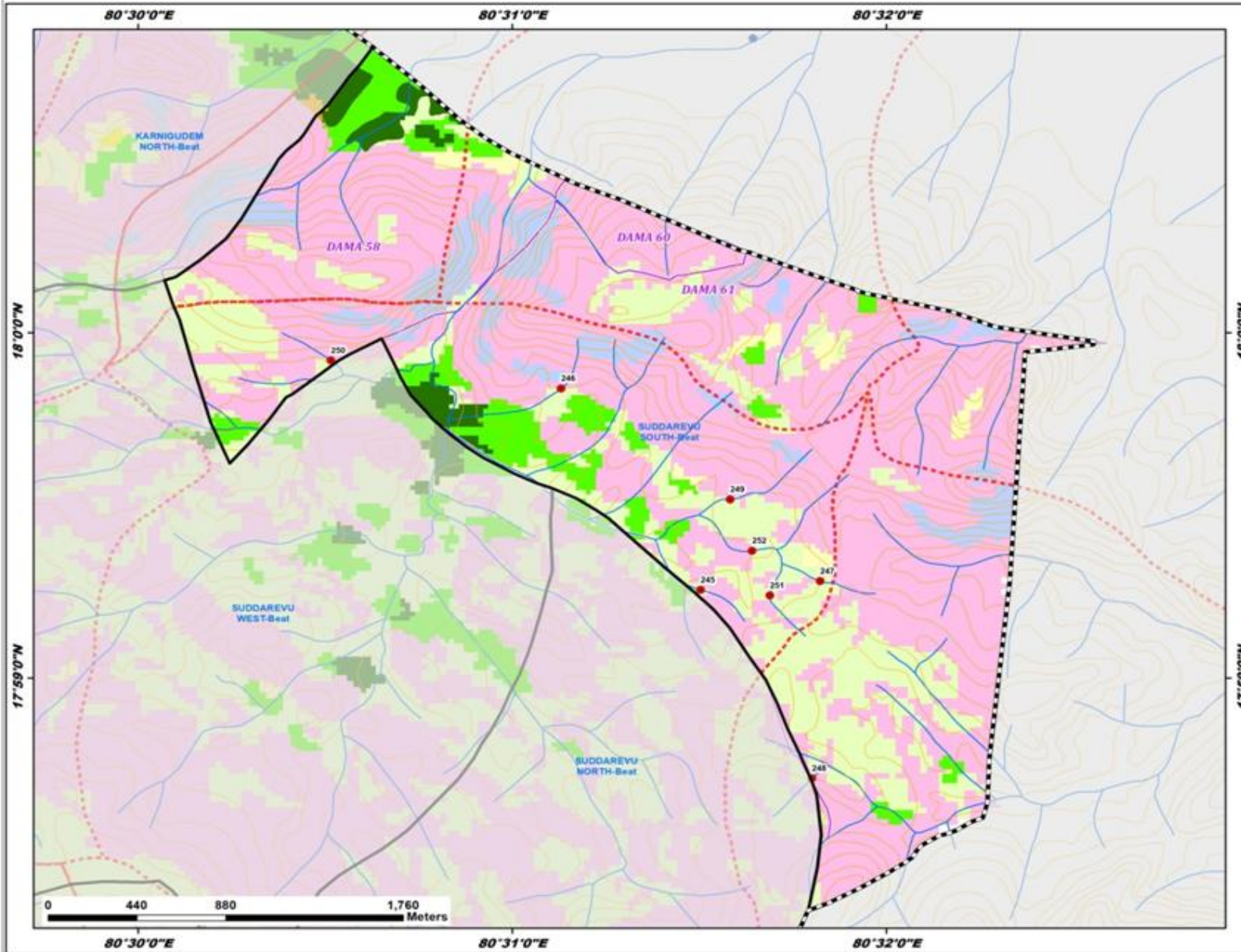
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Suddarevu South Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
245	17.987596	80.525069	8.76	IV
246	17.997319	80.518852	8.68	IV
247	17.988024	80.530387	14.54	IV
248	17.978507	80.530028	12.64	IV
249	17.991967	80.526380	19.51	IV
250	17.998674	80.508600	25.38	V
251	17.987323	80.528154	27.16	V
252	17.989487	80.527368	70.36	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

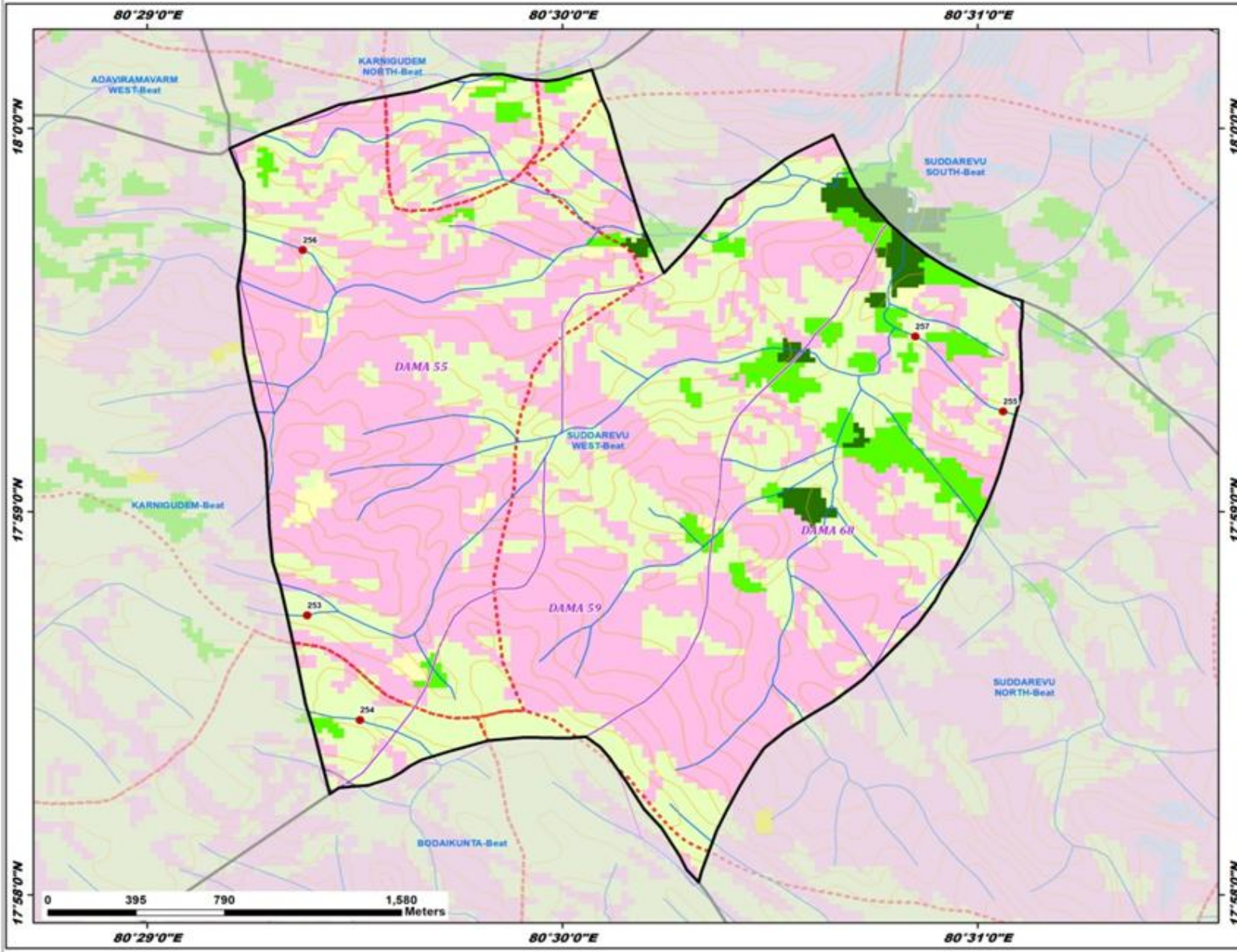
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Suddarevu West Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
253	17.978824	80.489757	13.24	IV
254	17.974272	80.491875	10.72	IV
255	17.987689	80.517691	19.18	IV
256	17.994707	80.489588	21.94	IV
257	17.990953	80.514169	31.14	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

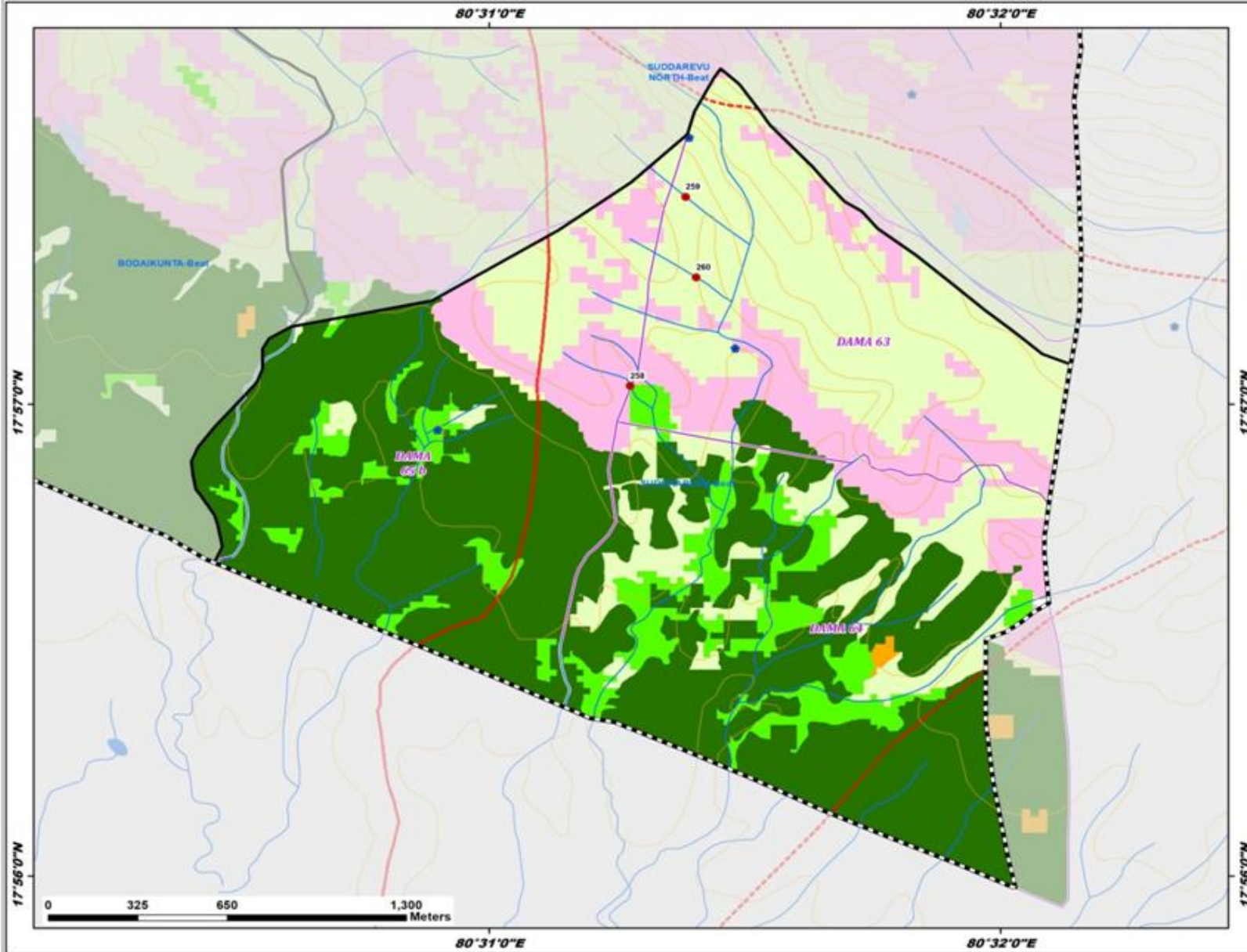
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Suddarevu Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
258	17.950656	80.521269	5.71	II
259	17.957337	80.523067	11.03	IV
260	17.954490	80.523418	13.19	IV

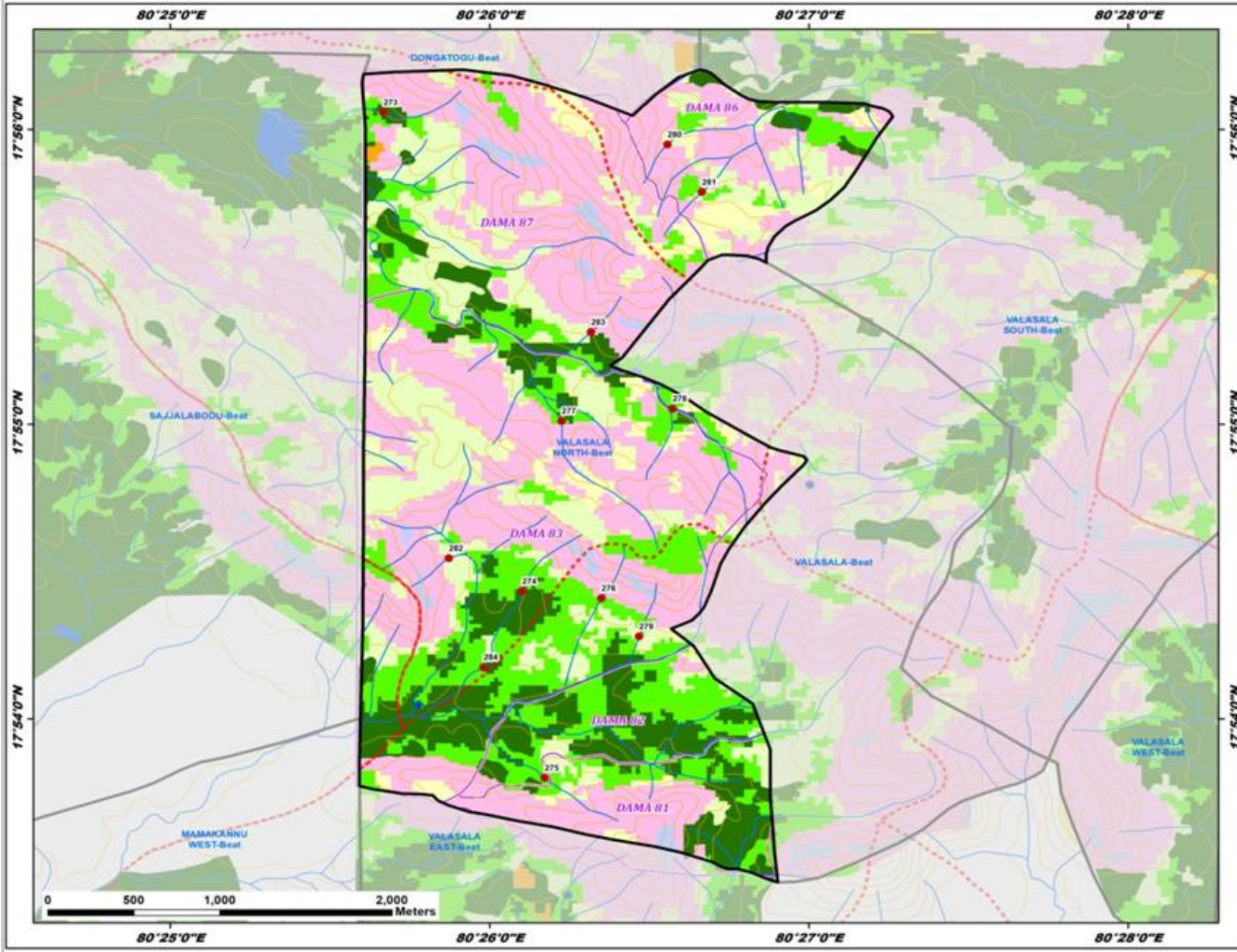
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP's - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Valasala North Beat



Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
273	17.934292	80.427797	20.91	I
274	17.907224	80.435035	17.70	II
275	17.896666	80.436212	10.46	II
276	17.906834	80.439173	7.06	II
277	17.916851	80.437107	38.65	III
278	17.917544	80.442888	44.07	III
279	17.904667	80.441137	7.48	IV
280	17.932485	80.442626	9.03	IV
281	17.929792	80.444425	14.43	IV
282	17.909089	80.431206	4.83	IV
283	17.921875	80.438630	7.19	IV
284	17.902928	80.433030	43.06	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

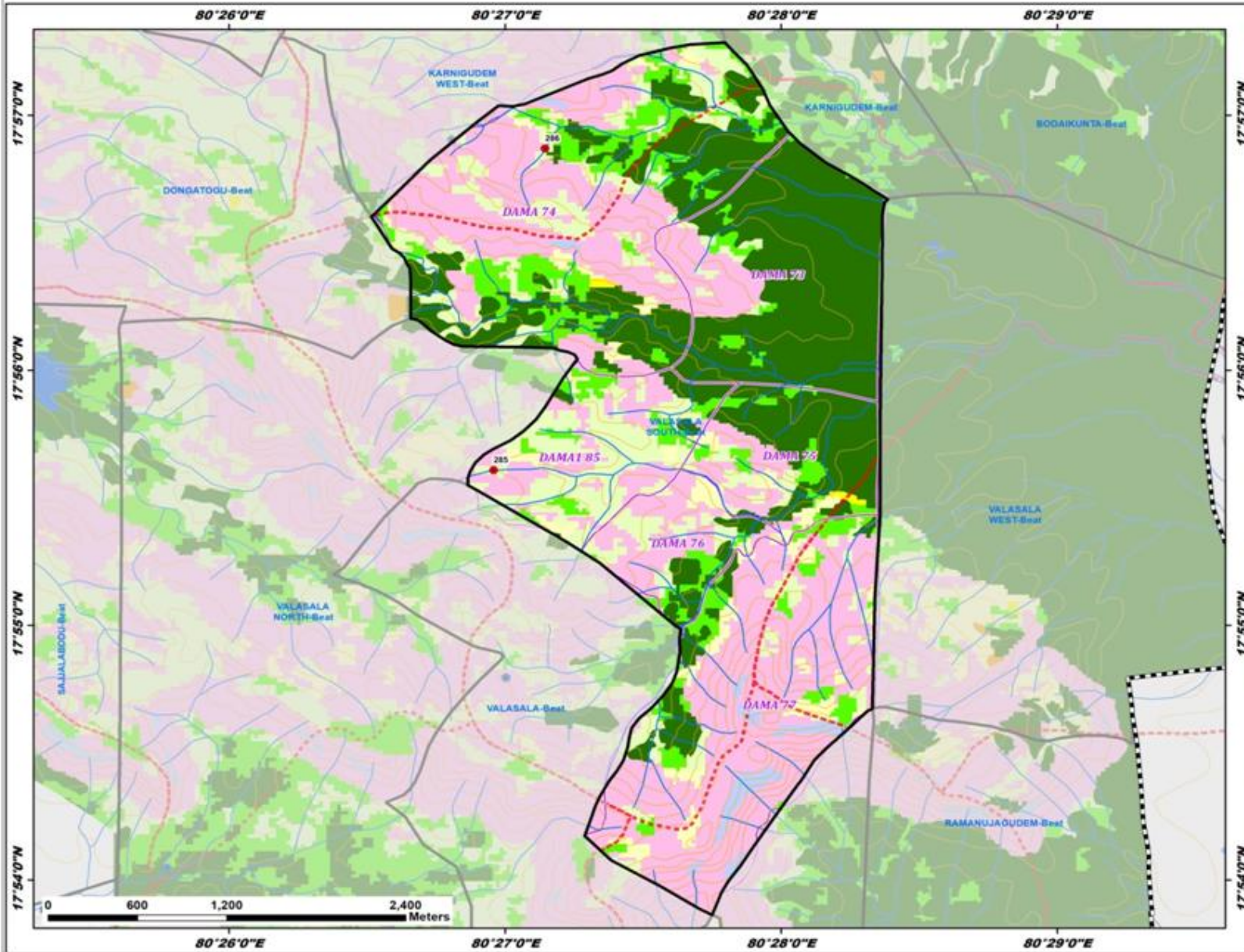
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Valasala South Beat



Division : Yellandu
Range : Kachanapally



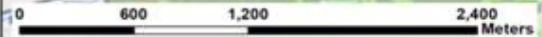
ID	Latitude	Longitude	Catchment Area_Ha	Priority
285	17.926810	80.449318	9.89	IV
286	17.947844	80.452435	25.62	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

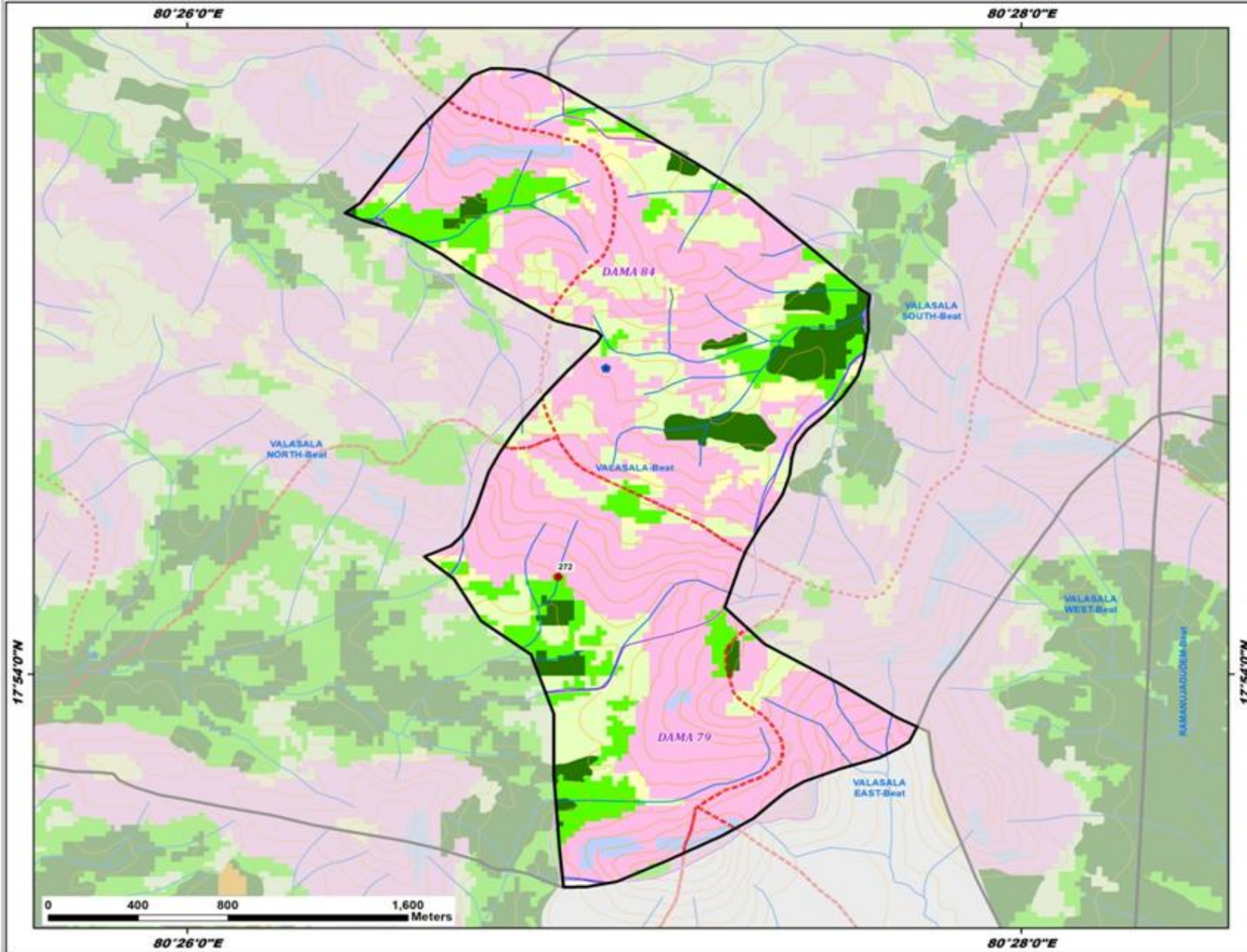
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Valasala Beat



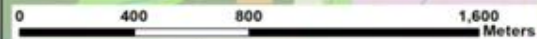
Division : Yellandu
Range : Kachanapally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
272	17.904215	80.448161	13.59	II

Legend

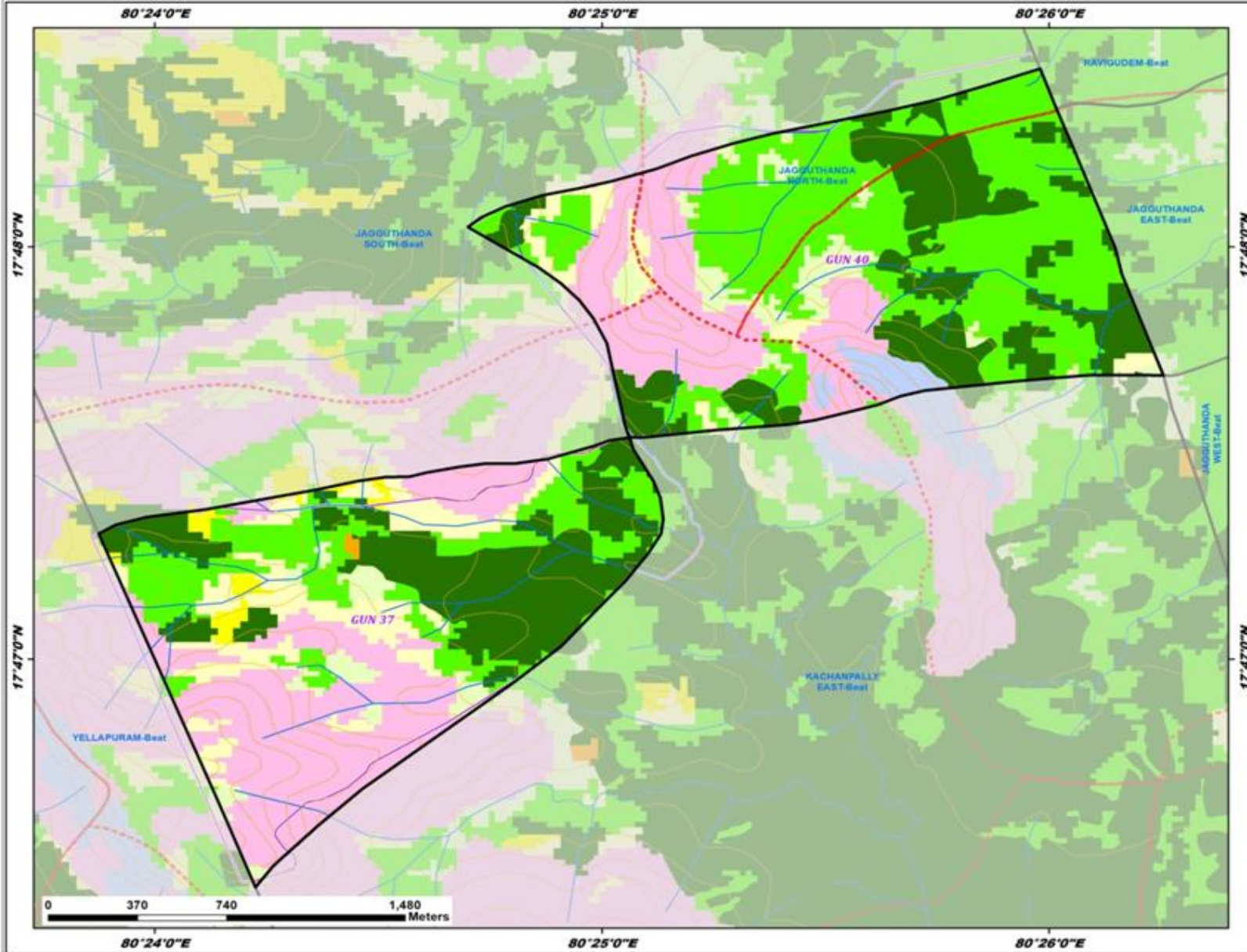
- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body



Map Showing Suitability index for Construction of SMC Works of Jagguthanda North Beat



Division : Yellandu
Range : Kachanpally



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

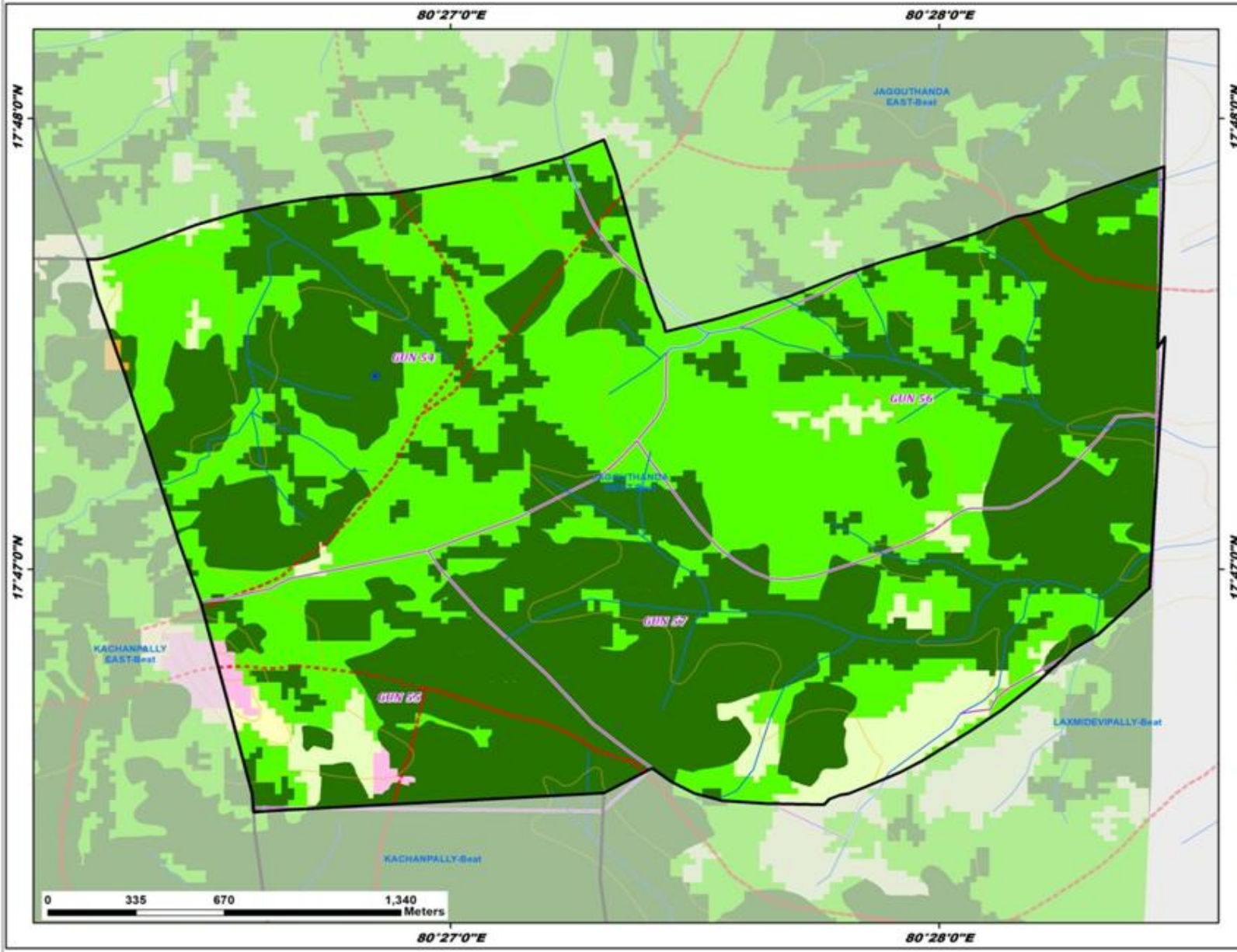
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Jagguthanda West Beat



Division : Yellandu
Range : Kachanpally

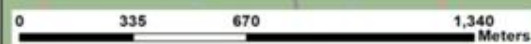


Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

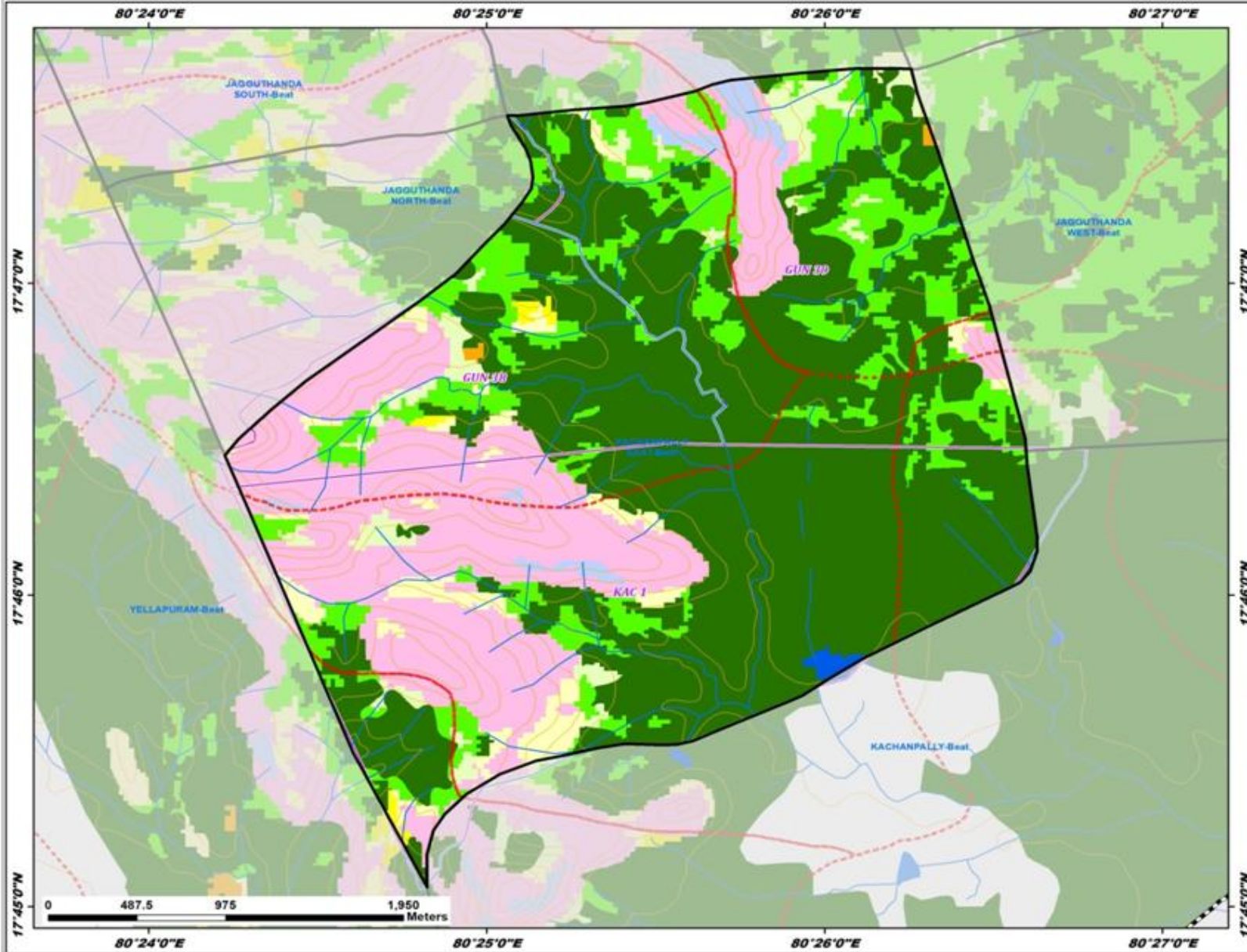
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Kachanpally East Beat



Division : Yellandu
Range : Kachanpally



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

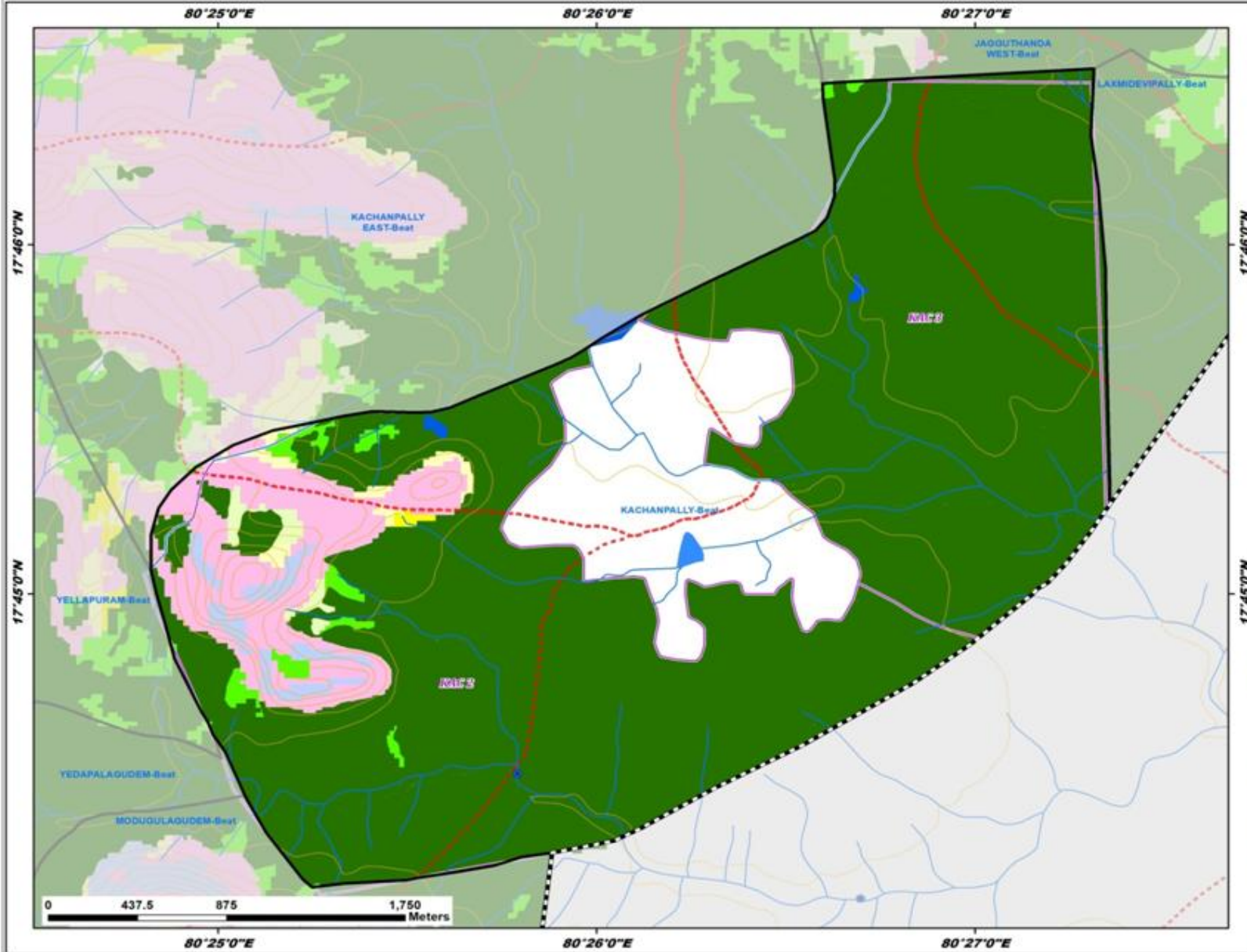
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Kachanpally Beat



Division : Yellandu
Range : Kachanpally



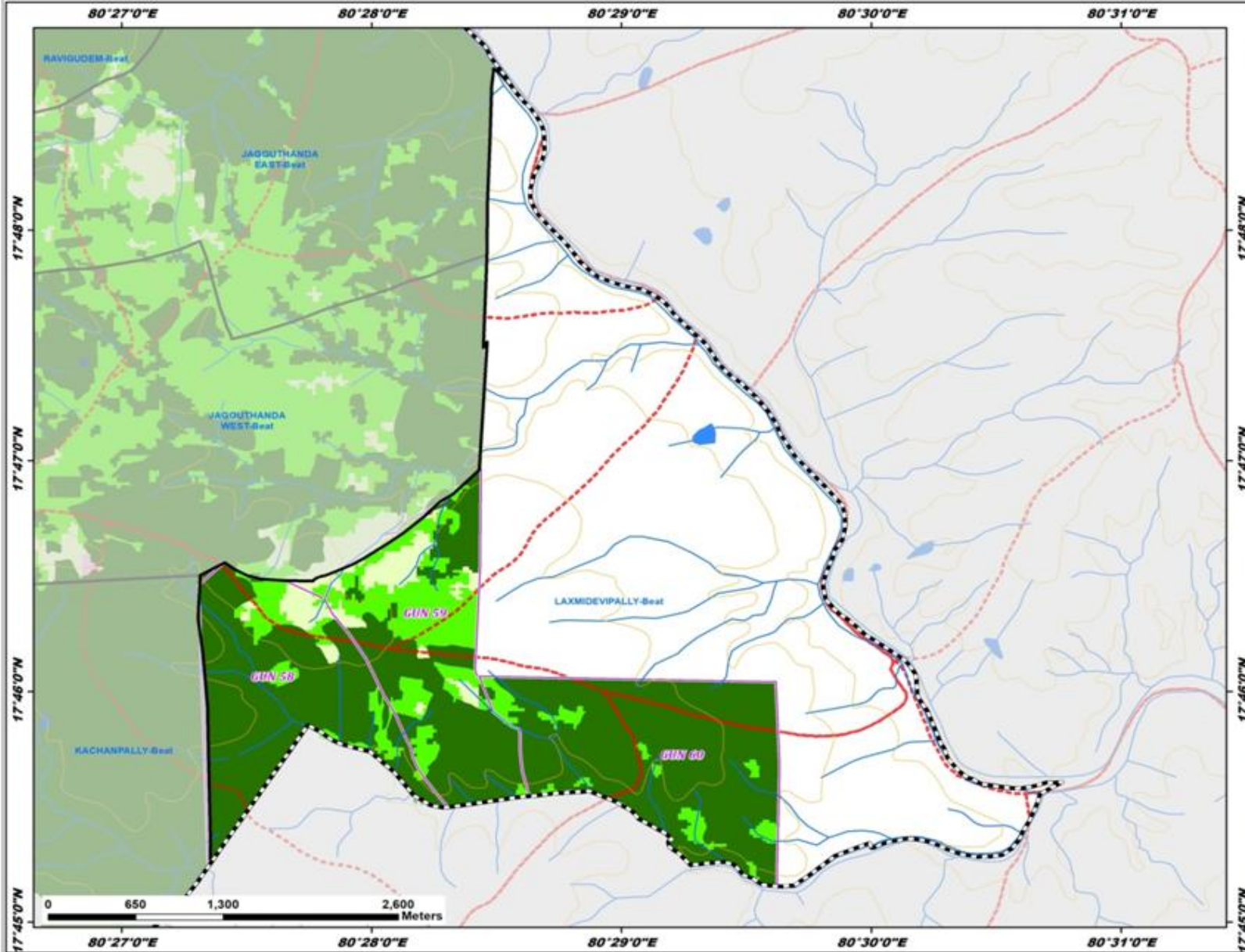
Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP's - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Laxmidevipally Beat



Division : Yellandu
Range : Kachanpally



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

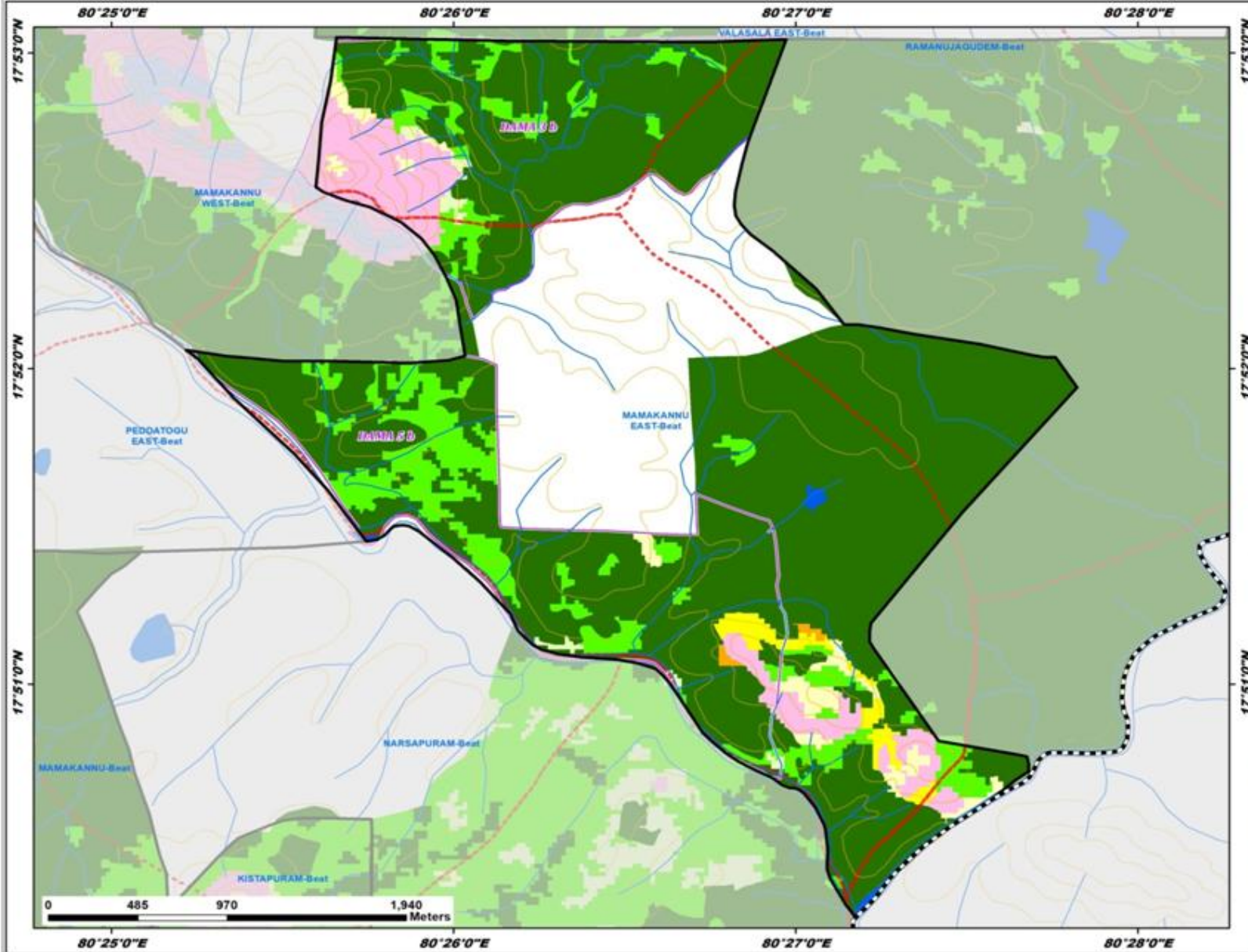
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Mamakannu East Beat



Division : Yellandu
Range : Kachanpally



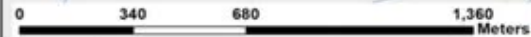
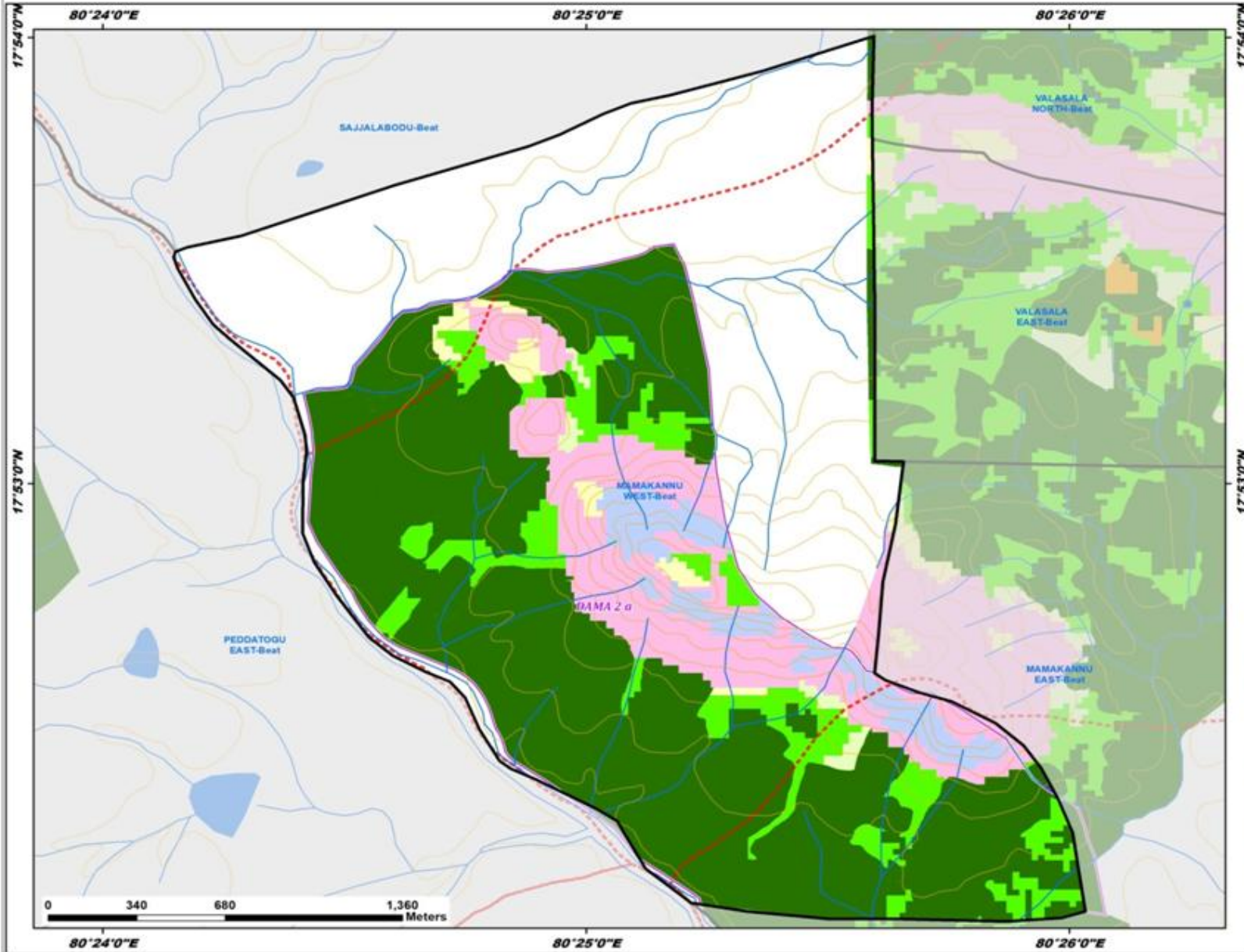
Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Mamakannu West Beat



Division : Yellandu
Range : Kachanapally



Legend

- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

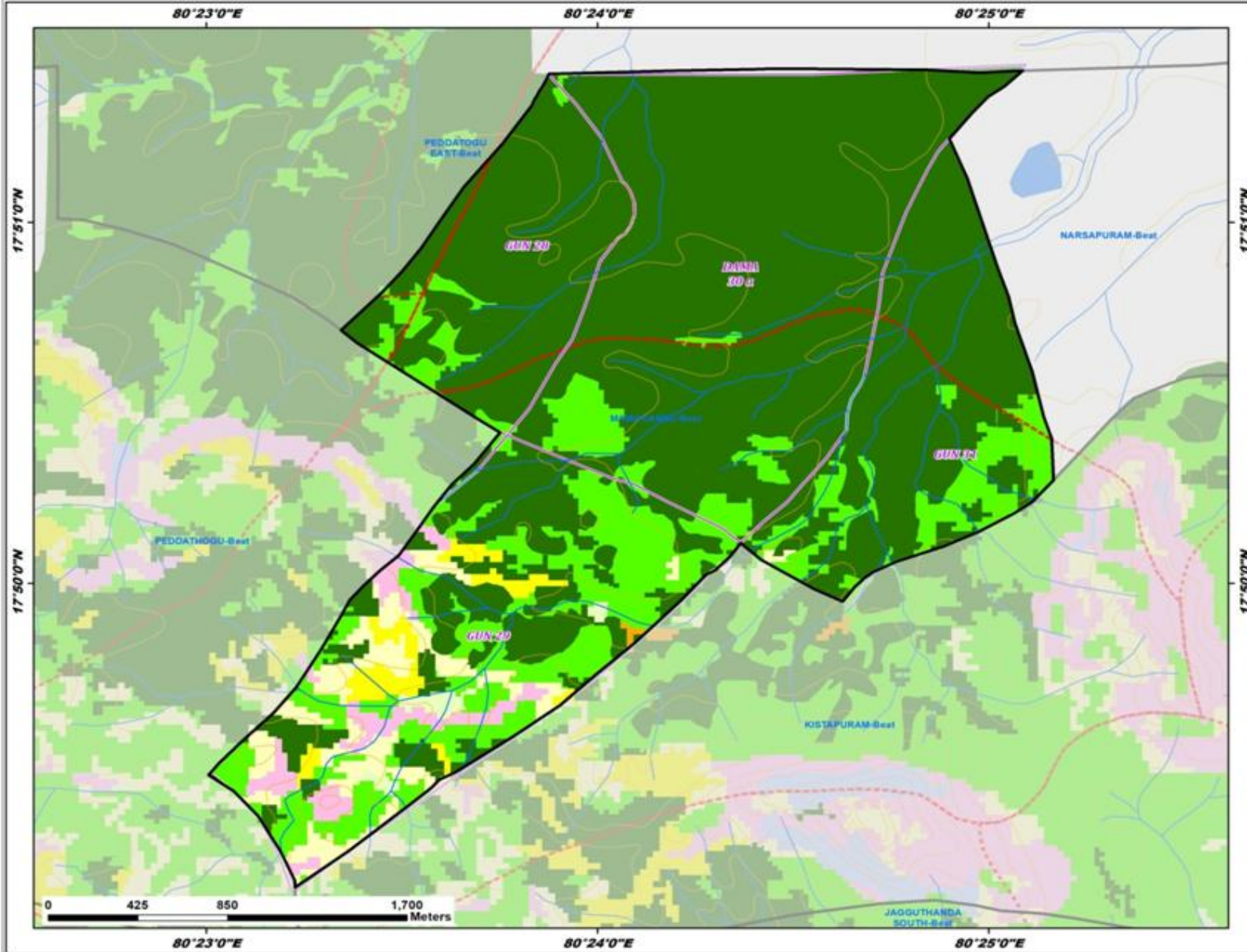
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Mamakannu Beat



Division : Yellandu
Range : Kachanpally



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

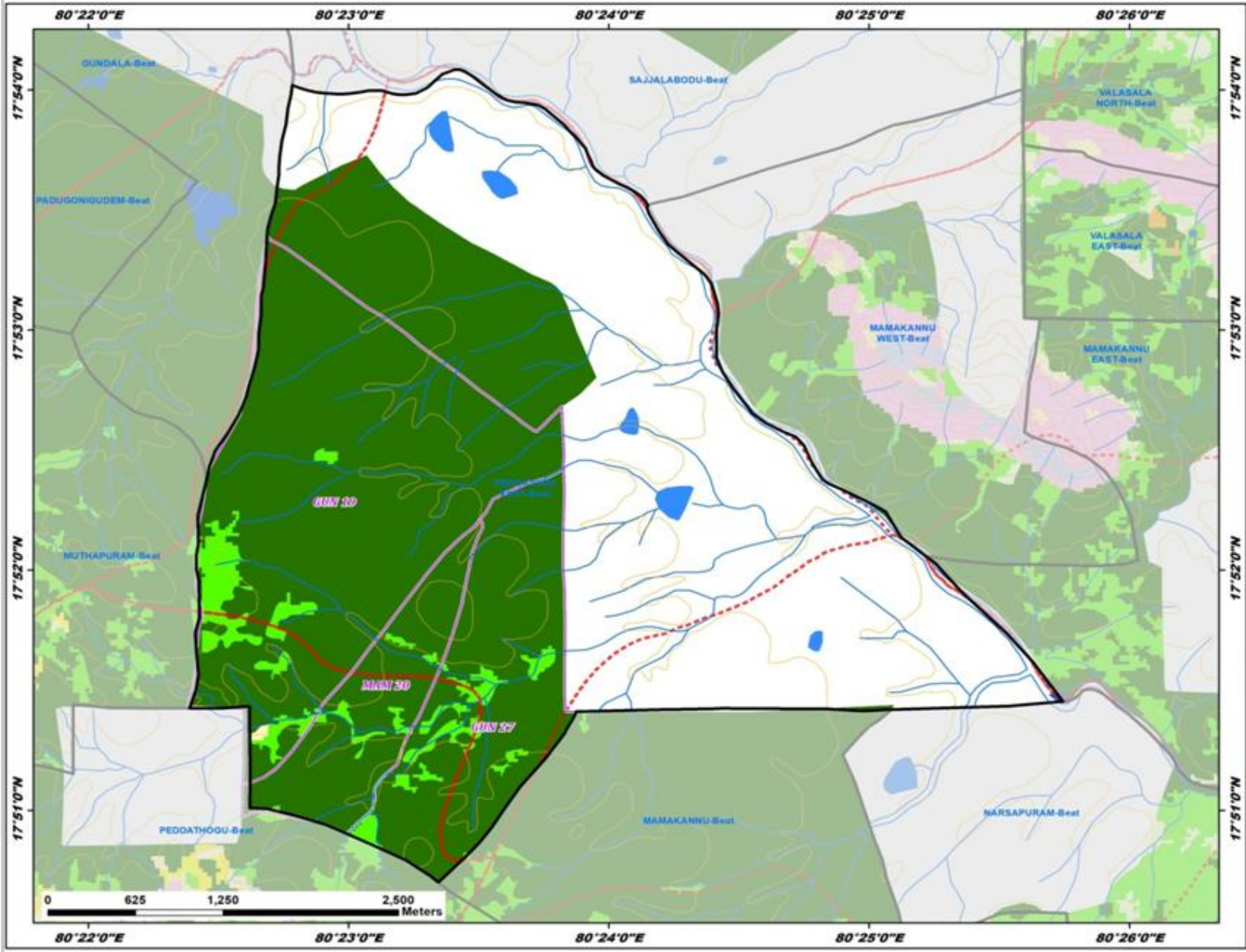
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Peddatogu East Beat



Division : Yellandu
Range : Kachanapally

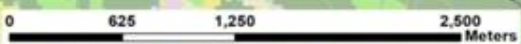


Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



80°22'0"E 80°23'0"E 80°24'0"E 80°25'0"E 80°26'0"E

17°54'0"N
17°53'0"N
17°52'0"N
17°51'0"N

17°54'0"N
17°53'0"N
17°52'0"N
17°51'0"N



MUTHAPURAM-Beat
MAMAKANNU WEST-Beat
MAMAKANNU EAST-Beat
NARSAPURAM-Beat

GUNDALA-Beat SAJJALABODU-Beat VALASALA NORTH-Beat

PADUGONIGUDEM-Beat VALASALA EAST-Beat

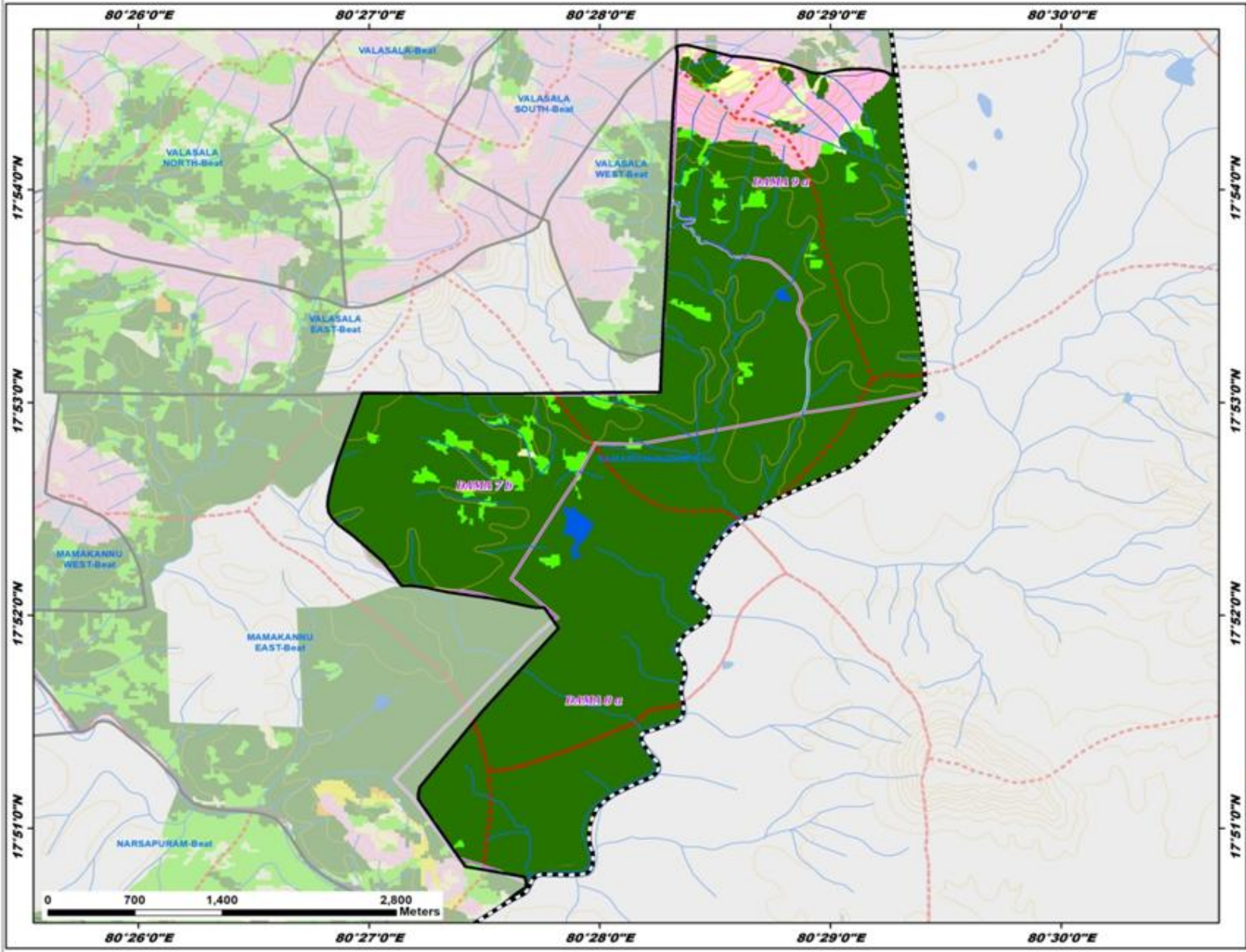
MUTHAPURAM-Beat MAMAKANNU WEST-Beat MAMAKANNU EAST-Beat

PEDDATHOGU-Beat MAMAKANNU-Beat NARSAPURAM-Beat

Map Showing Suitability index for Construction of SMC Works of Ramanujagudem Beat



Division : Yellandu
Range : Kachanapally



Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

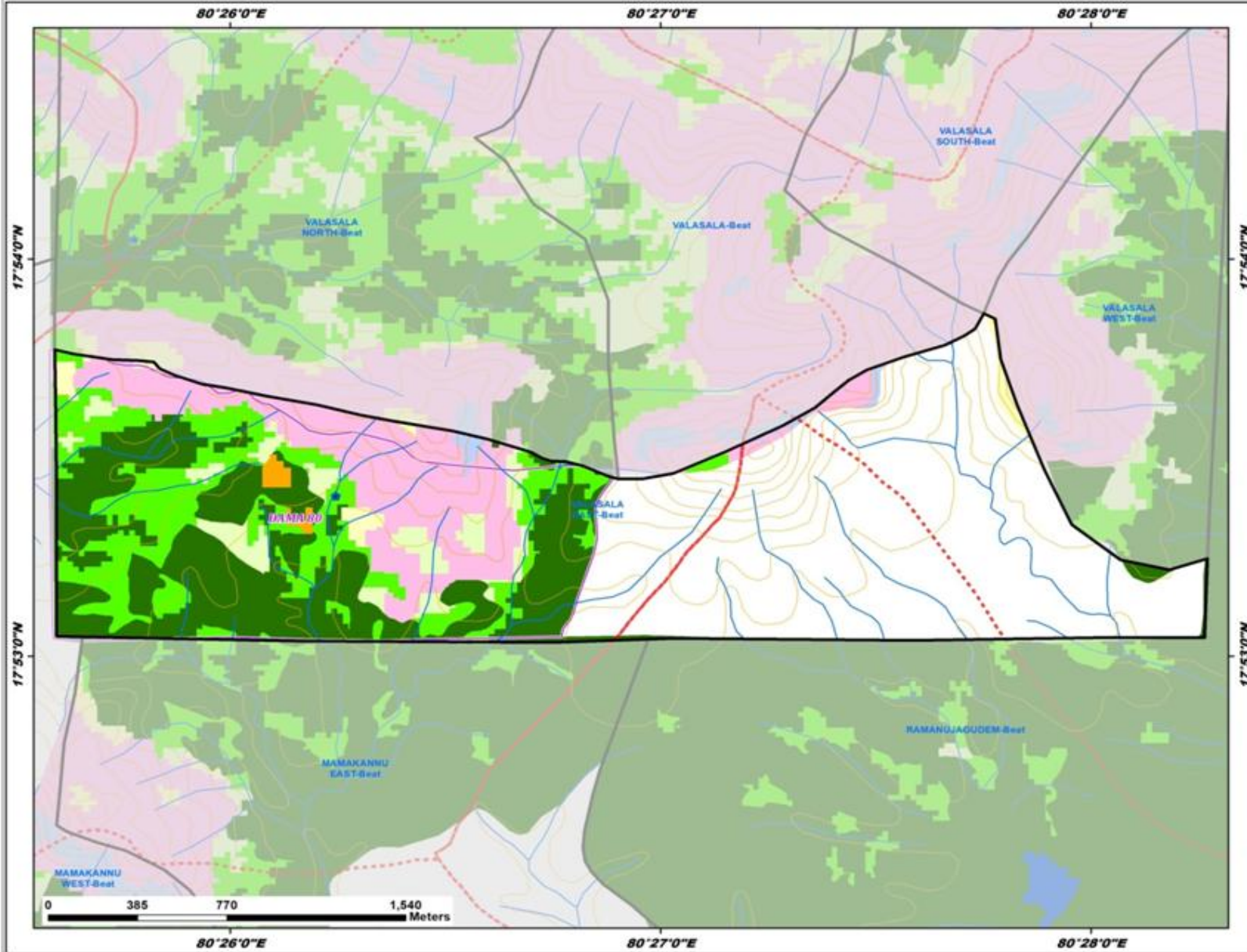
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Valasala East Beat



Division : Yellandu
Range : Kachanapally

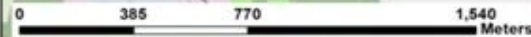


Legend

- Existing CD/PTs
- Contours
- Streams
- ⋯ Watershed Boundary
- ⎓ Compartment Boundary
- ⎓ Beat Boundary
- ⎓ Division Boundary

Suitability Index

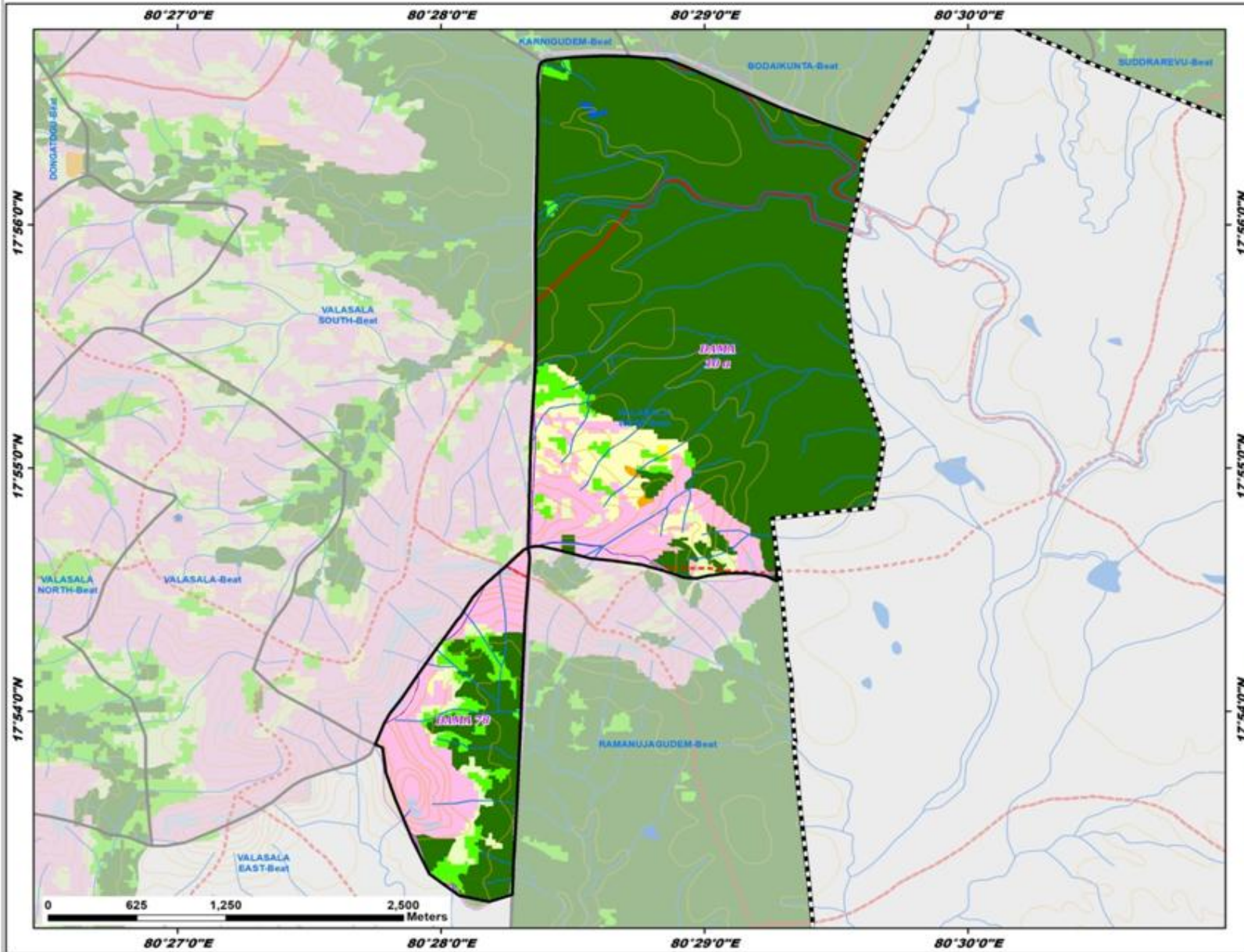
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Valasala West Beat



Division : Yellandu
Range : Kachanapally



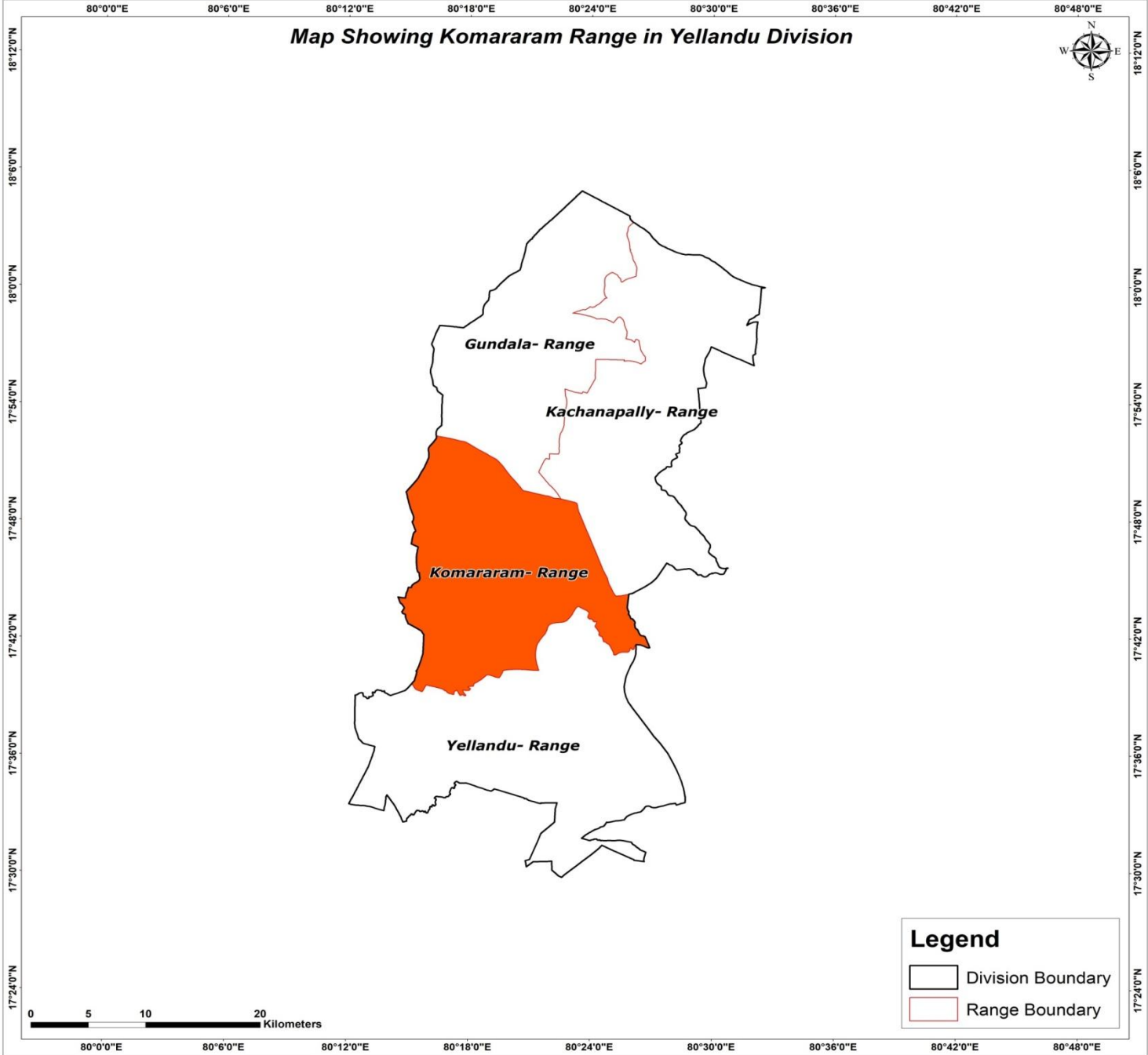
Legend

- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- Beat Boundary
- - - Division Boundary

Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Komararam Range in Yellandu Division



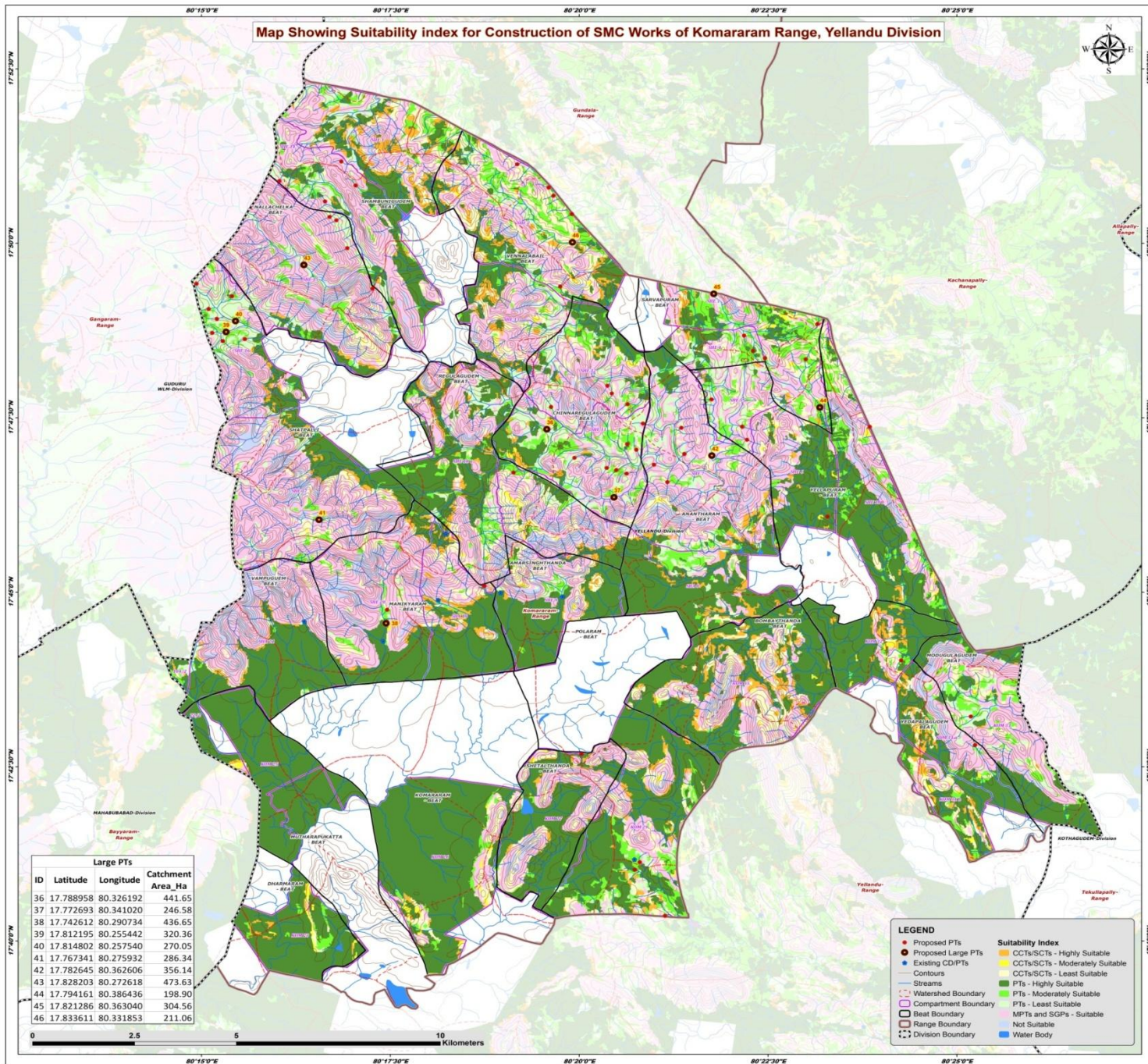
18°12'0"N
18°6'0"N
18°0'0"N
17°54'0"N
17°48'0"N
17°42'0"N
17°36'0"N
17°30'0"N
17°24'0"N

80°0'0"E 80°6'0"E 80°12'0"E 80°18'0"E 80°24'0"E 80°30'0"E 80°36'0"E 80°42'0"E 80°48'0"E

18°12'0"N
18°6'0"N
18°0'0"N
17°54'0"N
17°48'0"N
17°42'0"N
17°36'0"N
17°30'0"N
17°24'0"N

80°0'0"E 80°6'0"E 80°12'0"E 80°18'0"E 80°24'0"E 80°30'0"E 80°36'0"E 80°42'0"E 80°48'0"E

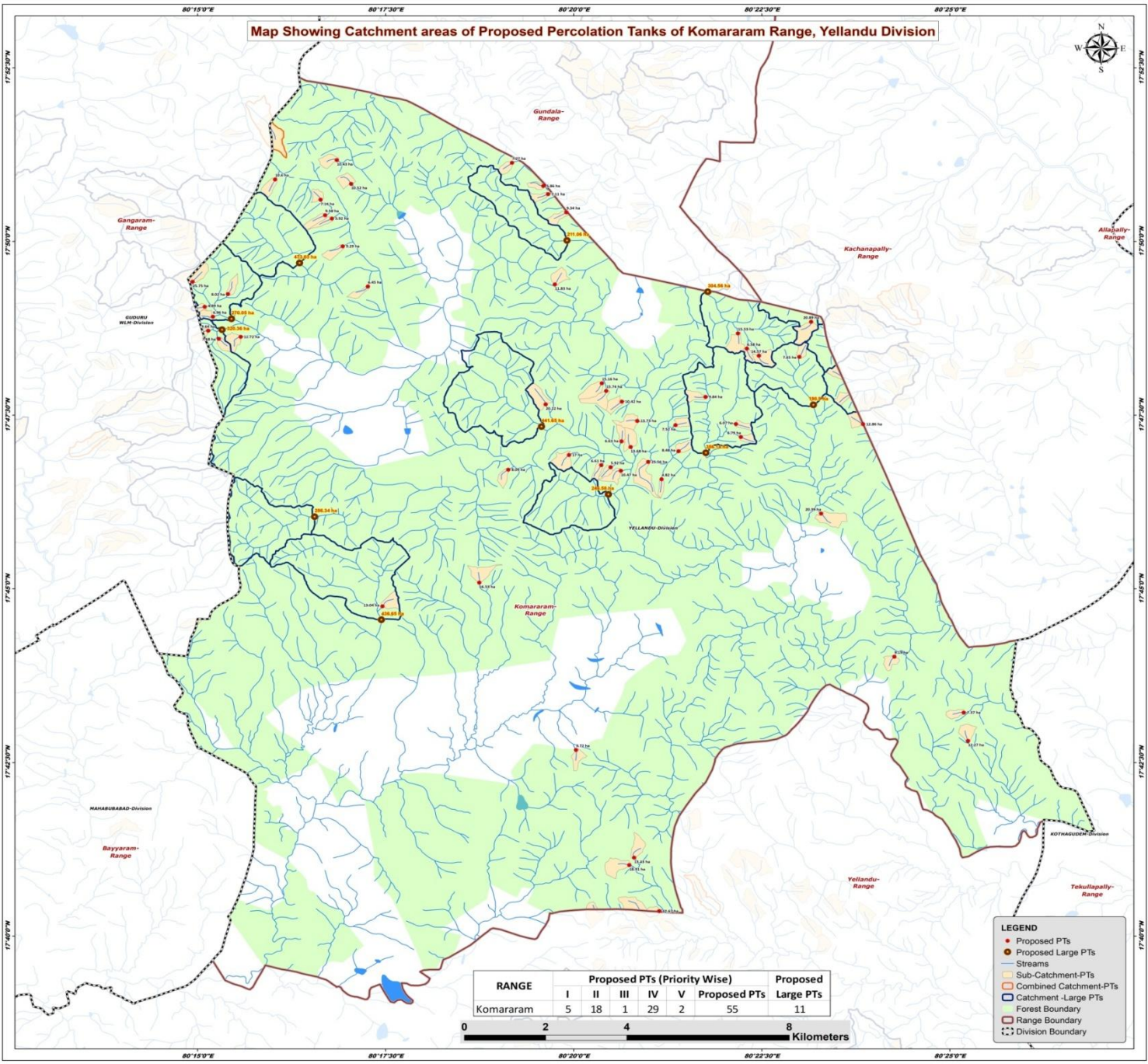
Map Showing Suitability index for Construction of SMC Works of Komaram Range, Yellandu Division



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
36	17.788958	80.326192	441.65
37	17.772693	80.341020	246.58
38	17.742612	80.290734	436.65
39	17.812195	80.255442	320.36
40	17.814802	80.257540	270.05
41	17.767341	80.275932	286.34
42	17.782645	80.362606	356.14
43	17.828203	80.272618	473.63
44	17.794161	80.386436	198.90
45	17.821286	80.363040	304.56
46	17.833611	80.331853	211.06

- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Existing CDP/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Range Boundary
 - Division Boundary
 - CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - MPTs and SGP - Not Suitable
 - Water Body

Map Showing Catchment areas of Proposed Percolation Tanks of Komararam Range, Yellandu Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Komararam	5	18	1	29	2	55
						11



- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Streams
 - Sub-Catchment-PTs
 - Combined Catchment-PTs
 - Catchment -Large PTs
 - ▭ Forest Boundary
 - ▭ Range Boundary
 - ⋯ Division Boundary

Beat wise Abstract of Proposed PT's – Komararam Range

S. No.	Beat	Proposed PT's
1	ANANTHARAM	4
2	CHINNAREGULAGUDEM	11
3	MANIKYARAM	2
4	MODUGULAGUDEM	1
5	NALLACHELKA	4
6	POLARAM	3
7	REGULAGUDEM	1
8	SARVAPURAM	5
9	SHAMBUNIGUDEM	4
10	SHATPALLI	7
11	SHETALTHANDA	1
12	VENNALABAIL	5
13	YEDAPALAGUDEM	2
14	YELLAPURAM	5
	Total	55

List of Proposed PTs – Komararam Range

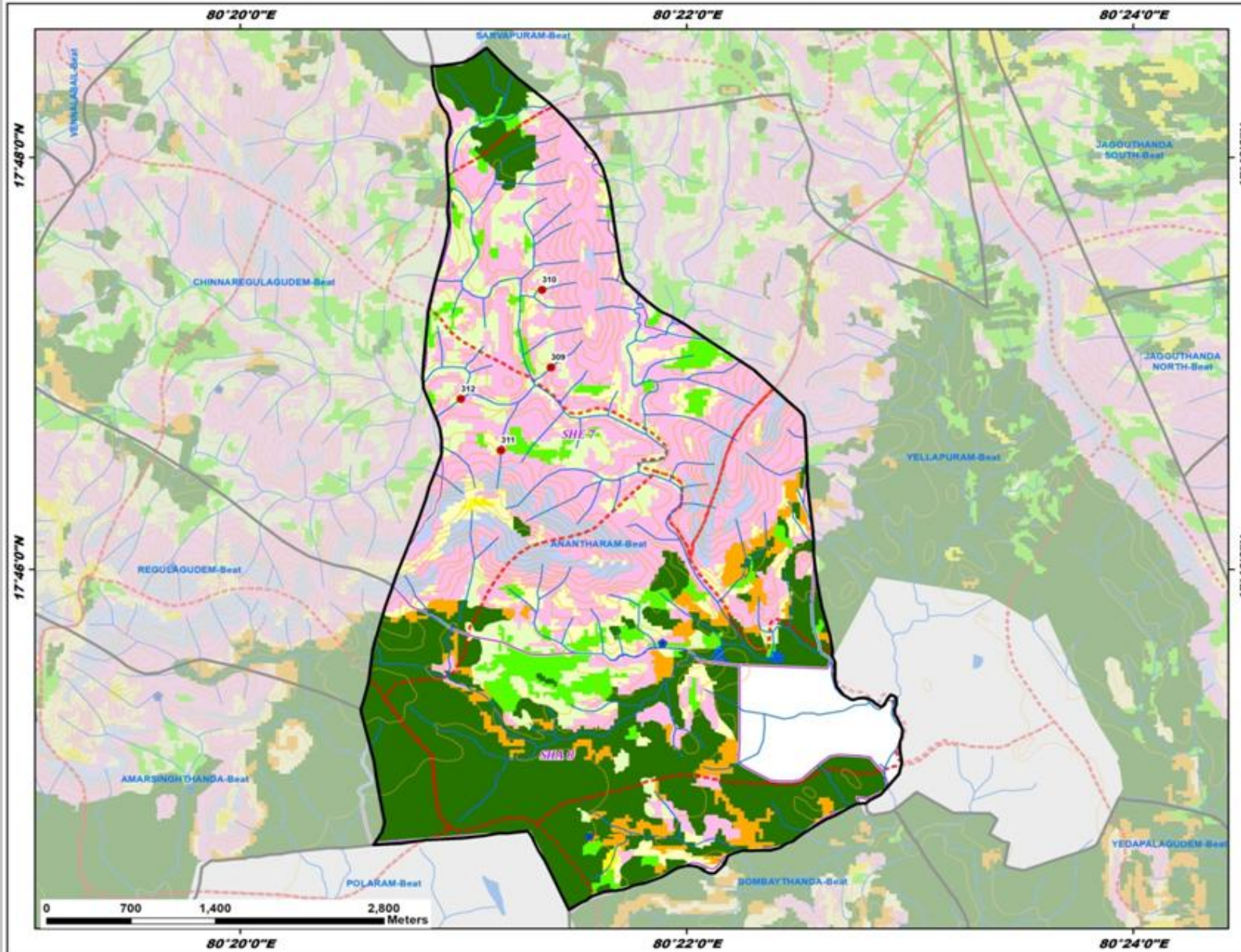
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
287	17.711358	80.333845	9.72	I	SHETALTHANDA
288	17.794930	80.344006	10.42	II	CHINNAREGULAGUDEM
289	17.794271	80.327133	20.22	II	CHINNAREGULAGUDEM
290	17.785405	80.343915	6.63	II	CHINNAREGULAGUDEM
291	17.779193	80.341531	5.92	II	CHINNAREGULAGUDEM
292	17.782125	80.332319	17.00	IV	CHINNAREGULAGUDEM
293	17.799341	80.339573	15.16	IV	CHINNAREGULAGUDEM
294	17.797505	80.340533	15.74	IV	CHINNAREGULAGUDEM
295	17.790307	80.347414	13.73	IV	CHINNAREGULAGUDEM
296	17.784037	80.345949	13.68	IV	CHINNAREGULAGUDEM
297	17.778334	80.343794	10.47	IV	CHINNAREGULAGUDEM
298	17.779694	80.339449	6.61	IV	CHINNAREGULAGUDEM
299	17.751497	80.312422	16.53	I	MANIKYARAM
300	17.745818	80.290980	13.04	II	MANIKYARAM
301	17.778602	80.318862	8.09	II	REGULAGUDEM
302	17.817666	80.251603	4.89	II	SHATPALLI
303	17.820741	80.256763	8.02	II	SHATPALLI
304	17.810467	80.259569	11.72	IV	SHATPALLI
305	17.811949	80.252391	9.64	IV	SHATPALLI
306	17.809988	80.254717	7.68	IV	SHATPALLI
307	17.815302	80.253424	6.96	IV	SHATPALLI
308	17.823688	80.248922	25.75	V	SHATPALLI
309	17.783016	80.356554	8.48	IV	ANANTHARAM
310	17.789284	80.355889	7.52	IV	ANANTHARAM
311	17.776316	80.352814	4.82	IV	ANANTHARAM
312	17.780460	80.349836	25.56	V	ANANTHARAM
313	17.832199	80.282171	9.29	IV	NALLACHELKA
314	17.839655	80.278297	9.58	IV	NALLACHELKA
315	17.822546	80.287760	6.45	IV	NALLACHELKA
316	17.838873	80.279774	5.92	IV	NALLACHELKA
317	17.807643	80.371689	6.58	I	SARVAPURAM
318	17.814068	80.385938	20.89	II	SARVAPURAM
319	17.805645	80.383328	7.65	II	SARVAPURAM
320	17.805951	80.374366	14.57	IV	SARVAPURAM
321	17.811299	80.369716	15.53	IV	SARVAPURAM
322	17.848245	80.267206	10.60	IV	SHAMBUNIGUDEM
323	17.852882	80.280882	10.43	IV	SHAMBUNIGUDEM
324	17.843354	80.277269	7.16	IV	SHAMBUNIGUDEM
325	17.847187	80.284046	10.52	IV	SHAMBUNIGUDEM
326	17.840358	80.331720	9.34	II	VENNALABAIL

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
327	17.846661	80.326616	5.86	II	VENNALABAIL
328	17.844719	80.327666	7.11	II	VENNALABAIL
329	17.823050	80.329156	11.83	II	VENNALABAIL
330	17.852242	80.319674	7.27	IV	VENNALABAIL
331	17.768067	80.388128	20.39	I	YELLAPURAM
332	17.789520	80.397430	12.86	I	YELLAPURAM
333	17.796069	80.362565	9.84	II	YELLAPURAM
334	17.789552	80.369270	6.07	IV	YELLAPURAM
335	17.786431	80.370363	6.79	IV	YELLAPURAM
336	17.720332	80.419742	7.37	IV	MODUGULAGUDEM
337	17.685520	80.346723	13.43	II	POLARAM
338	17.683734	80.345653	18.91	II	POLARAM
339	17.672696	80.352304	42.67	III	POLARAM
340	17.733728	80.404356	9.19	II	YEDAPALAGUDEM
341	17.713539	80.420677	12.27	IV	YEDAPALAGUDEM

Map Showing Suitability index for Construction of SMC Works of Anantharam Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
309	17.783016	80.356554	8.48	IV
310	17.789284	80.355889	7.52	IV
311	17.776316	80.352814	4.82	IV
312	17.780460	80.349836	25.56	V

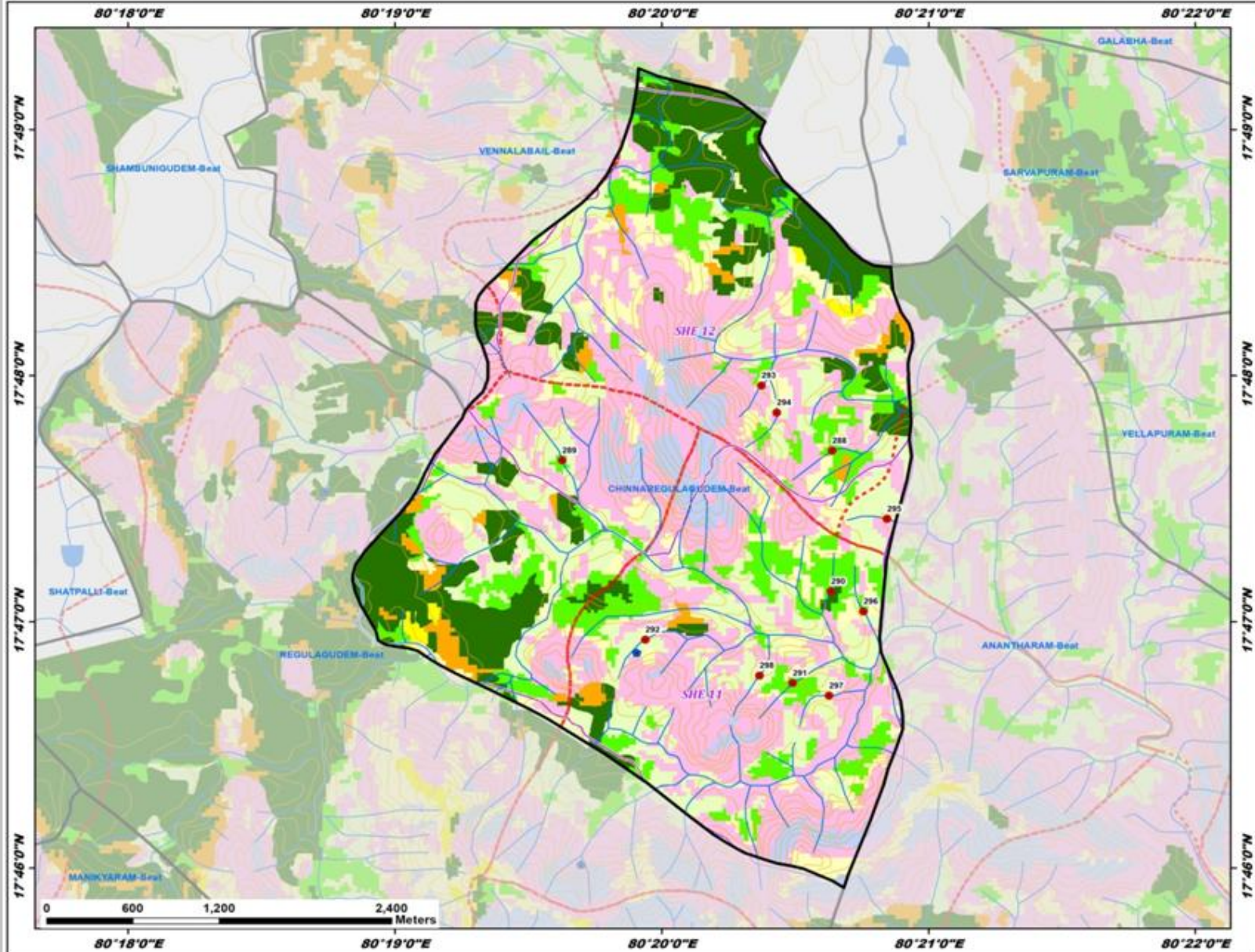
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Chinnaregulagudem Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
288	17.794930	80.344006	10.42	II
289	17.794271	80.327133	20.22	II
290	17.785405	80.343915	6.63	II
291	17.779193	80.341531	5.92	II
292	17.782125	80.332319	17.00	IV
293	17.799341	80.339573	15.16	IV
294	17.797505	80.340533	15.74	IV
295	17.790307	80.347414	13.73	IV
296	17.784037	80.345949	13.68	IV
297	17.778334	80.343794	10.47	IV
298	17.779694	80.339449	6.61	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

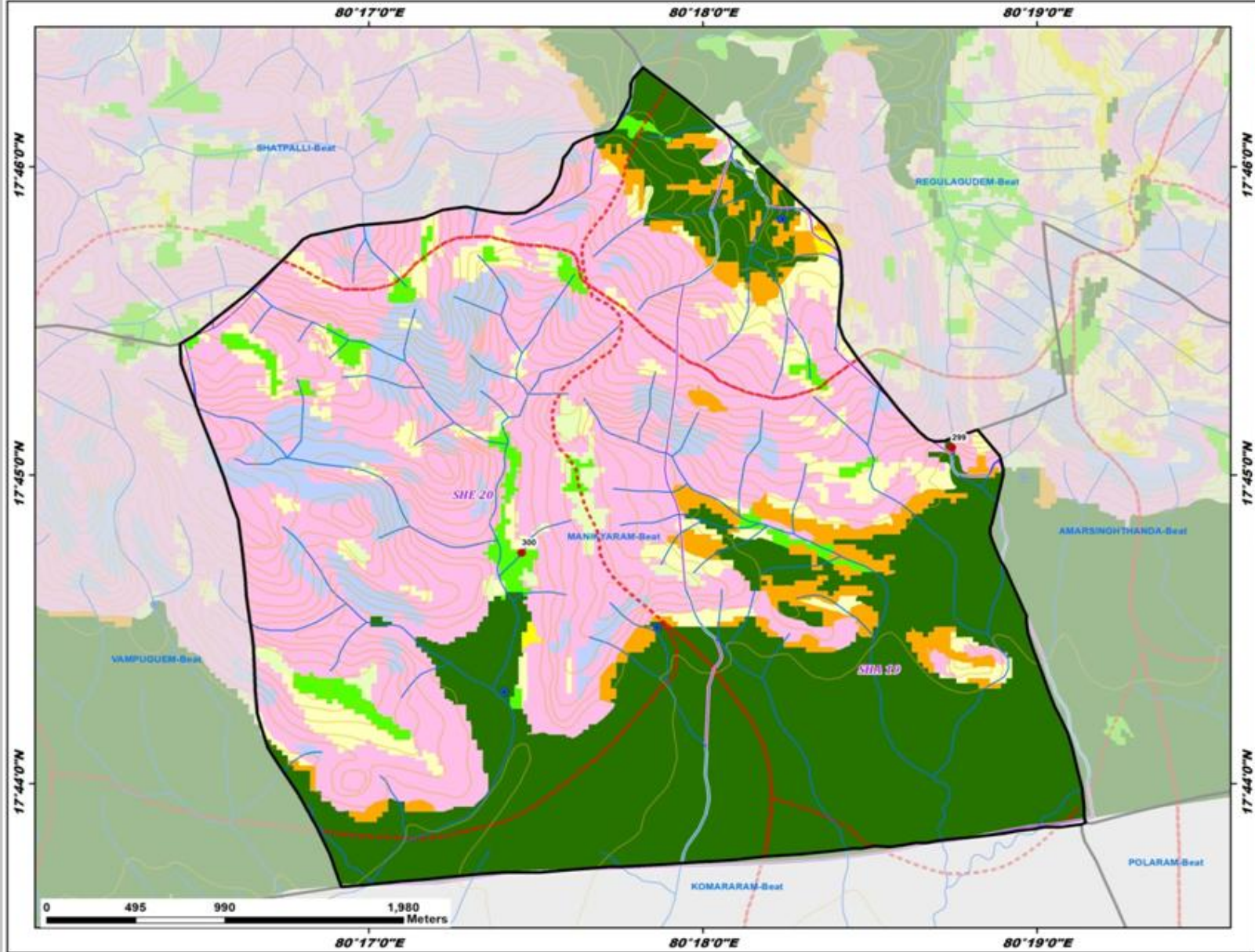
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Manikyaram Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
299	17.751497	80.312422	16.53	I
300	17.745818	80.290980	13.04	II

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

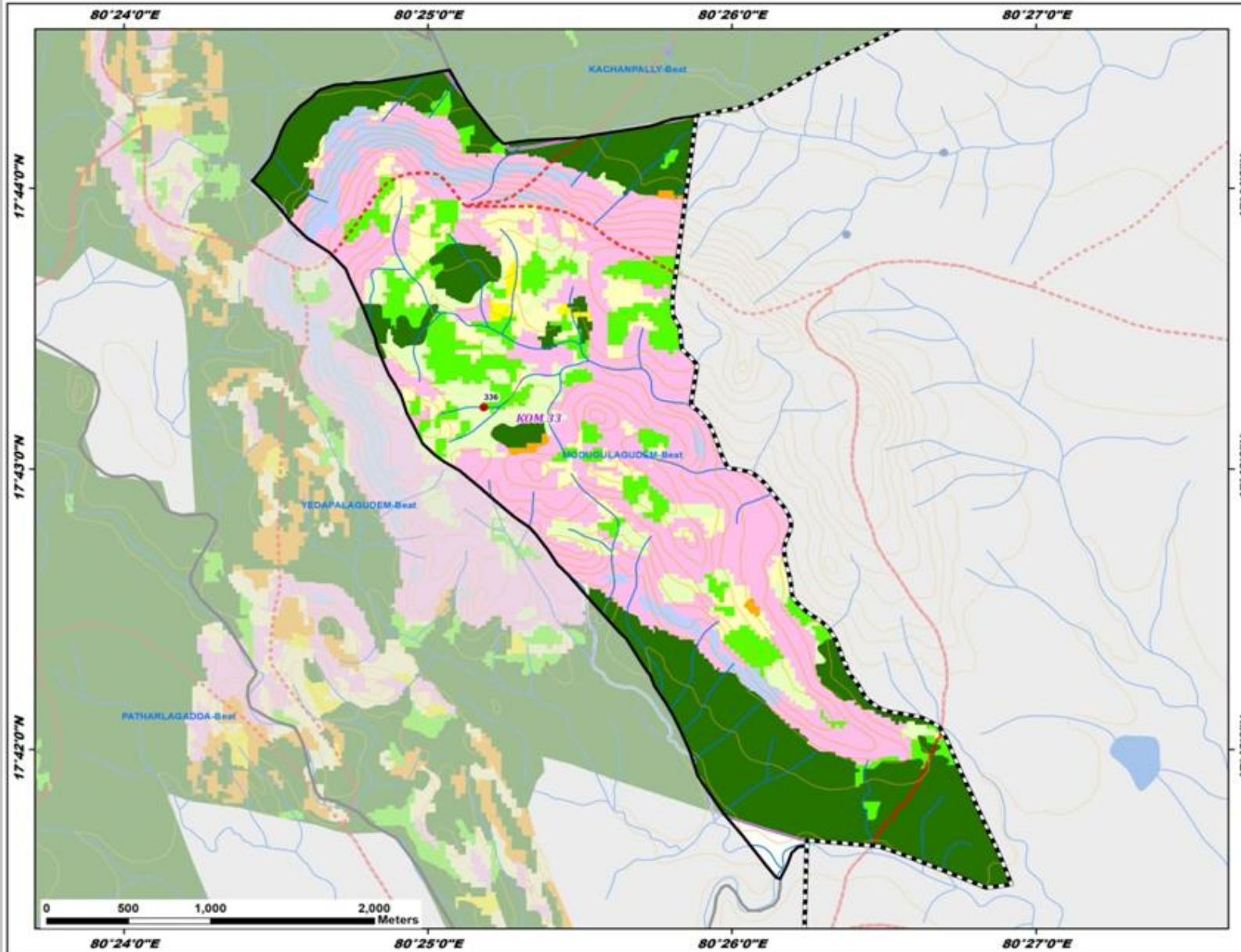
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Modugulagudem Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
336	17.720332	80.419742	7.37	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

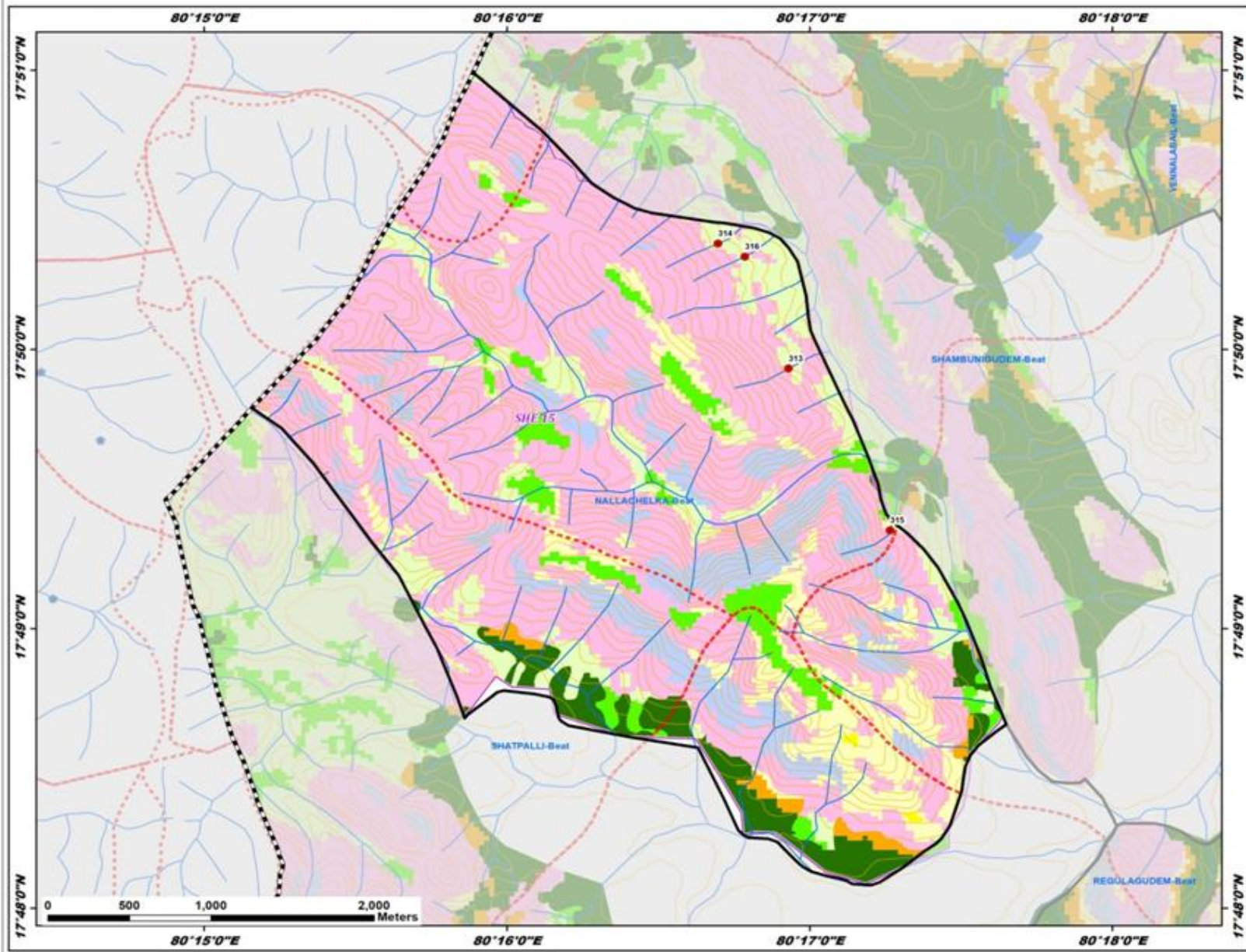
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Nallachelka Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
313	17.832199	80.282171	9.29	IV
314	17.839655	80.278297	9.58	IV
315	17.822546	80.287760	6.45	IV
316	17.838873	80.279774	5.92	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

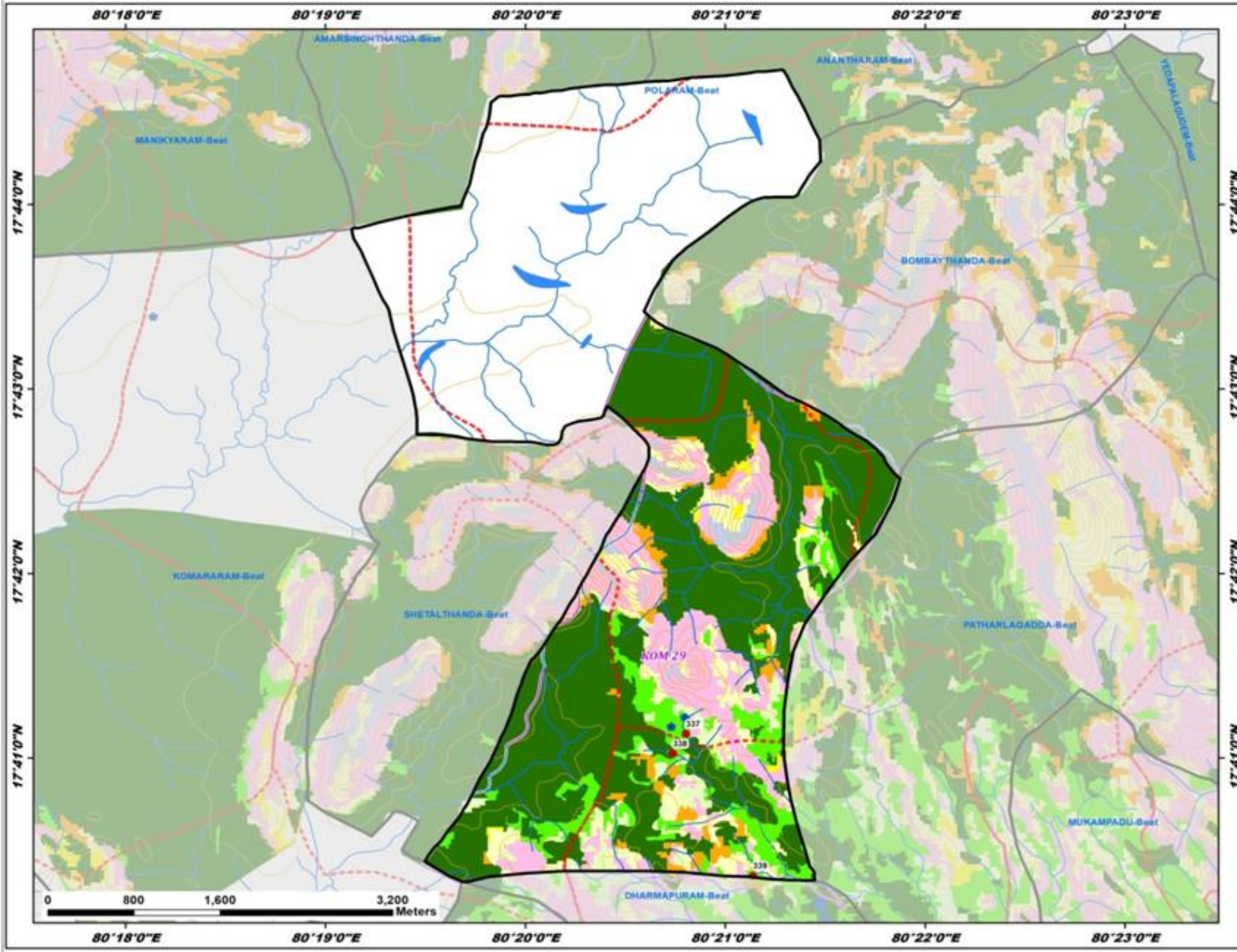
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Polaram Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
337	17.685520	80.346723	13.43	II
338	17.683734	80.345653	18.91	III
339	17.672696	80.352304	42.67	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

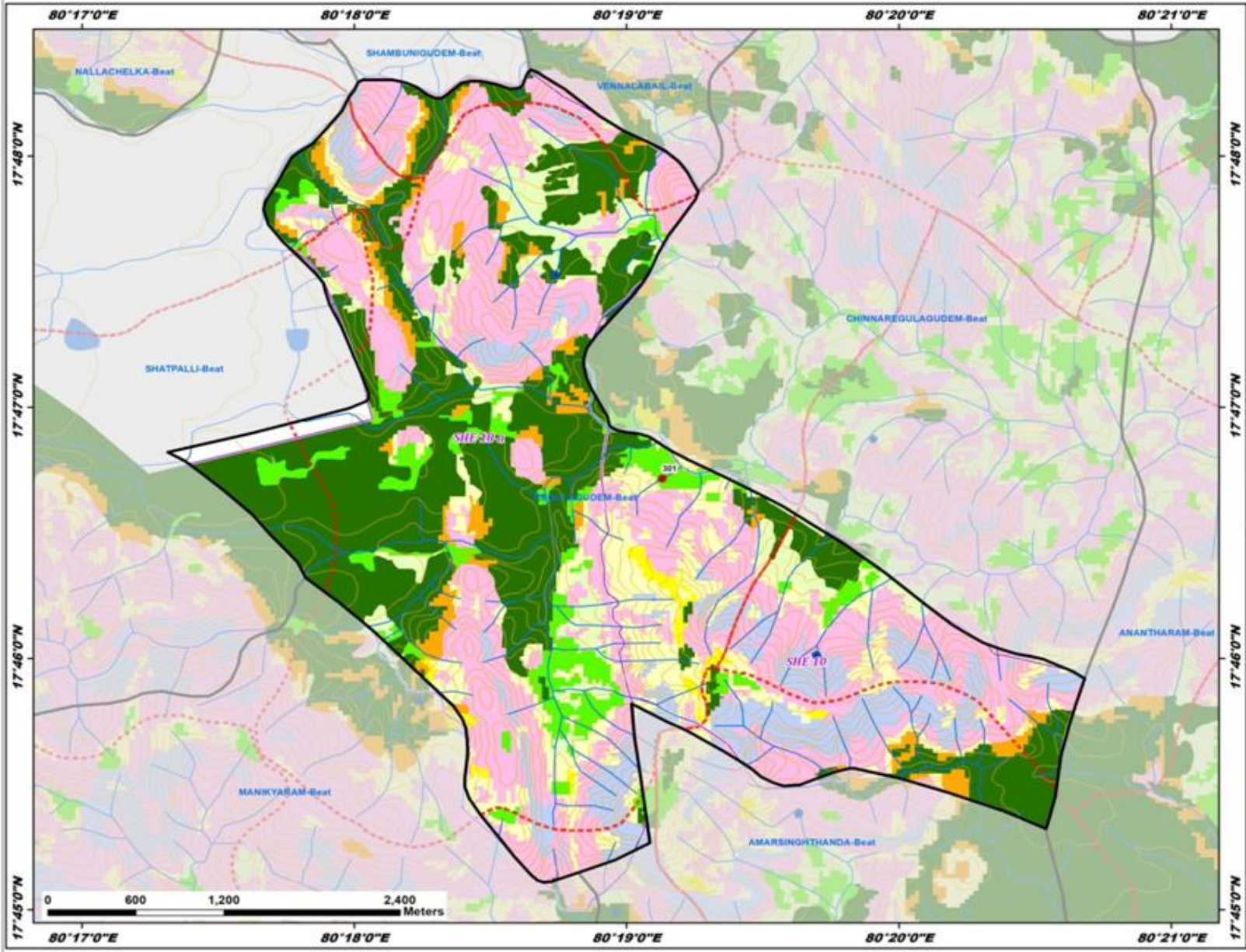
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Regulagudem Beat



Division : Yellandu
Range : Komararam



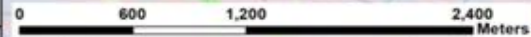
ID	Latitude	Longitude	Catchment Area_Ha	Priority
301	17.778602	80.318862	8.09	II

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

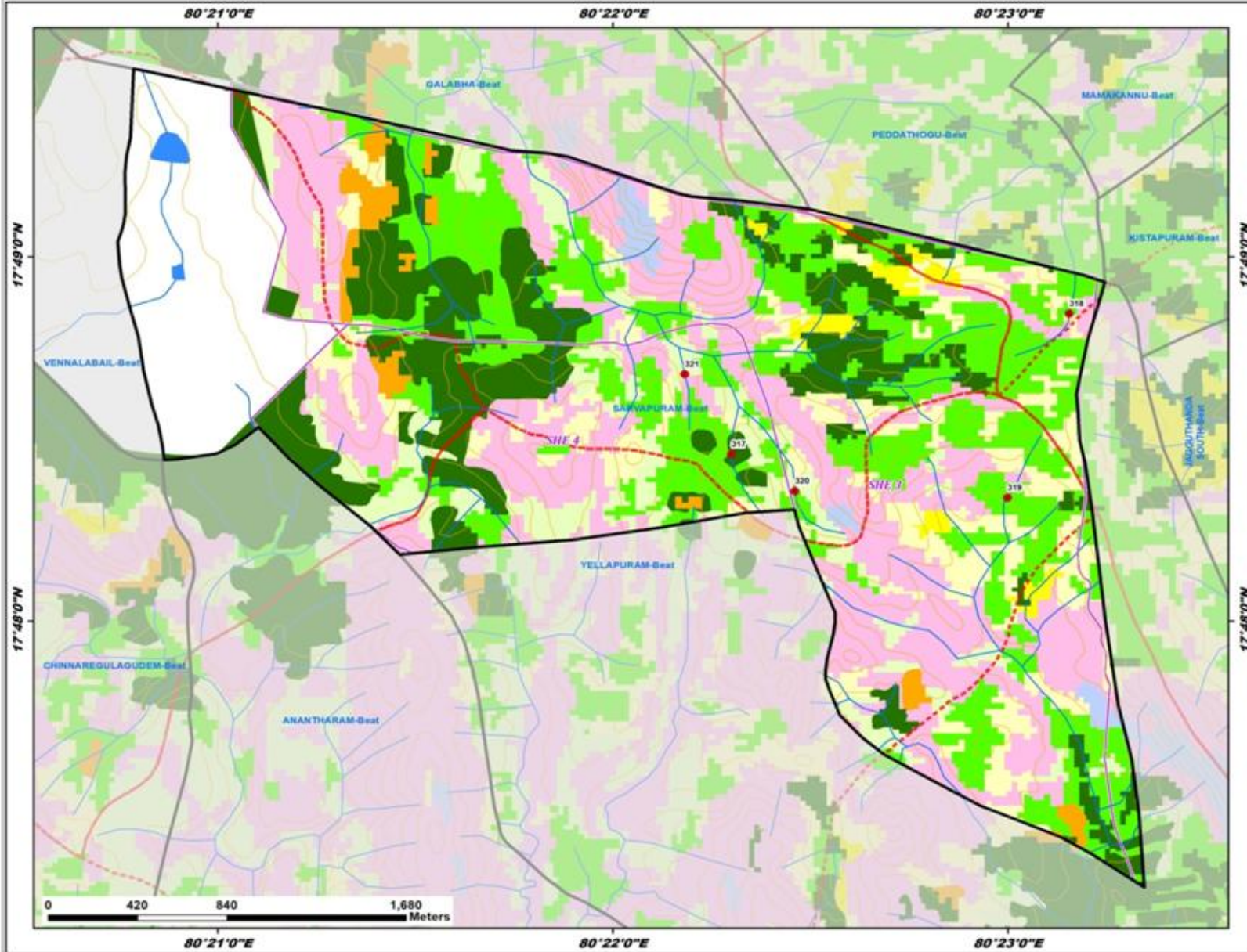
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Sarvapuram Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
317	17.807643	80.371689	6.58	I
318	17.814068	80.385938	20.89	II
319	17.805645	80.383328	7.65	II
320	17.805951	80.374366	14.57	IV
321	17.811299	80.369716	15.53	IV

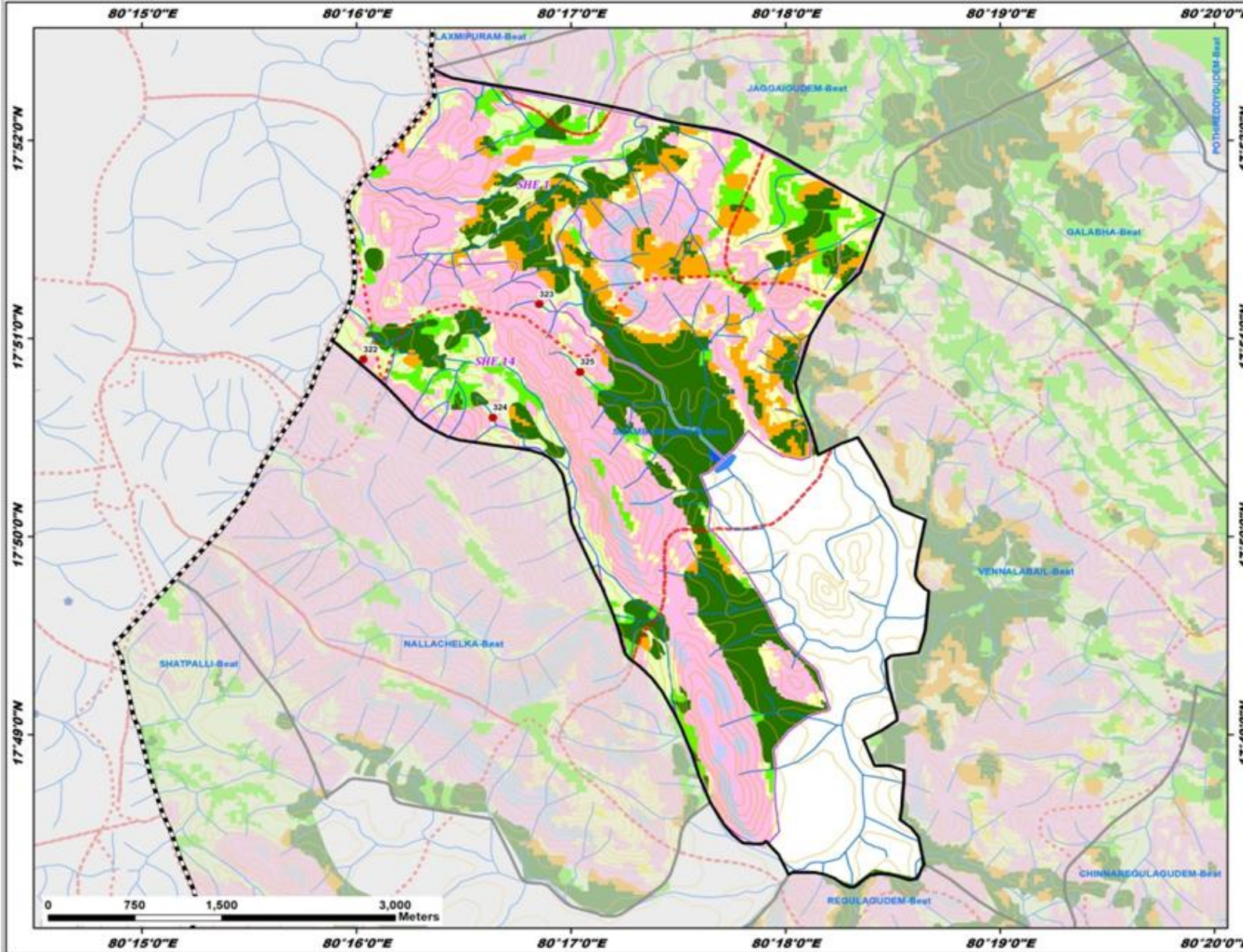
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP's - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Shambunigudem Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
322	17.848245	80.267206	10.60	IV
323	17.852882	80.280882	10.43	IV
324	17.843354	80.277269	7.16	IV
325	17.847187	80.284046	10.52	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

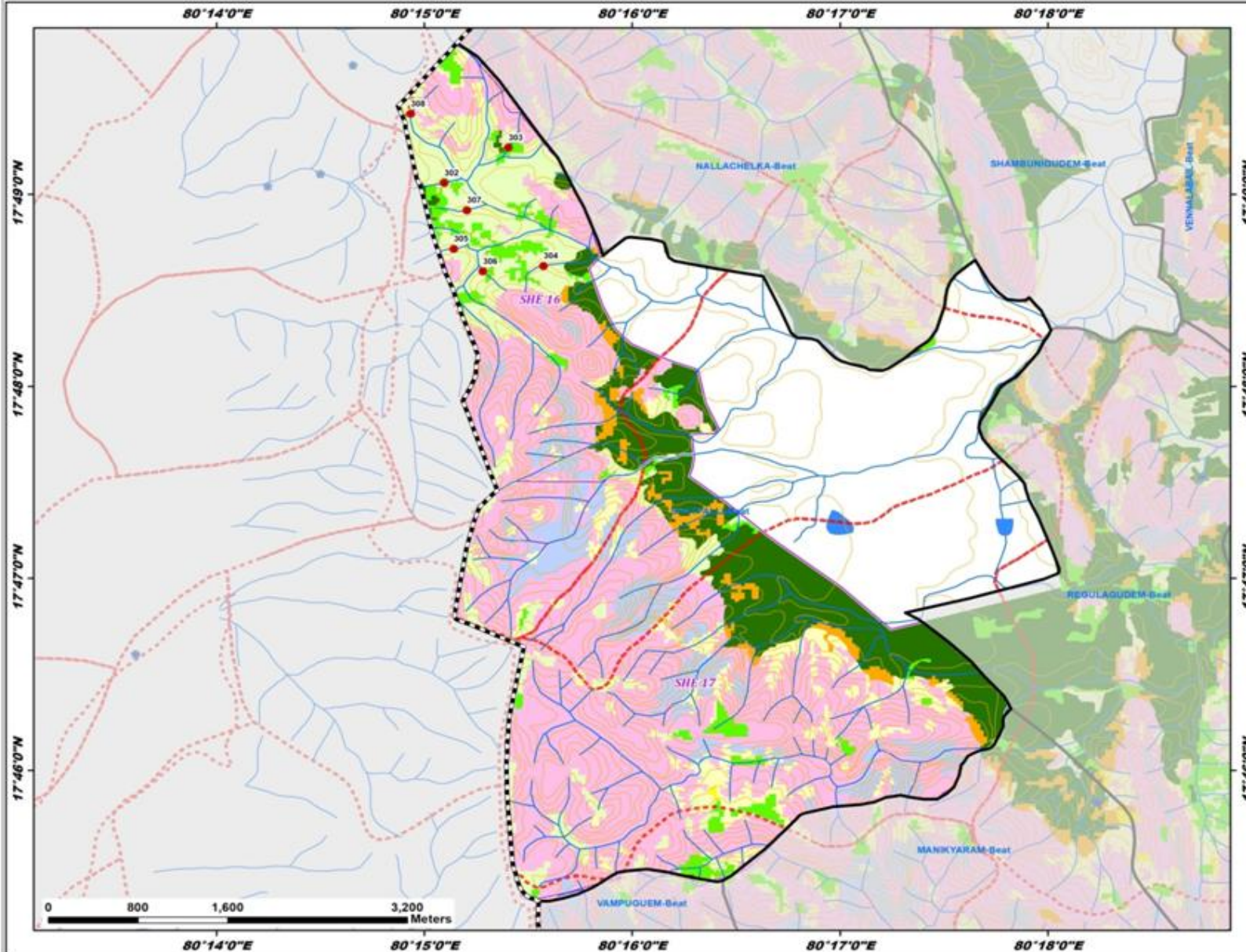
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Shatpalli Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
302	17.817666	80.251603	4.89	II
303	17.820741	80.256763	8.02	II
304	17.810467	80.259569	11.72	IV
305	17.811949	80.252391	9.64	IV
306	17.809988	80.254717	7.68	IV
307	17.815302	80.253424	6.96	IV
308	17.823688	80.248922	25.75	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

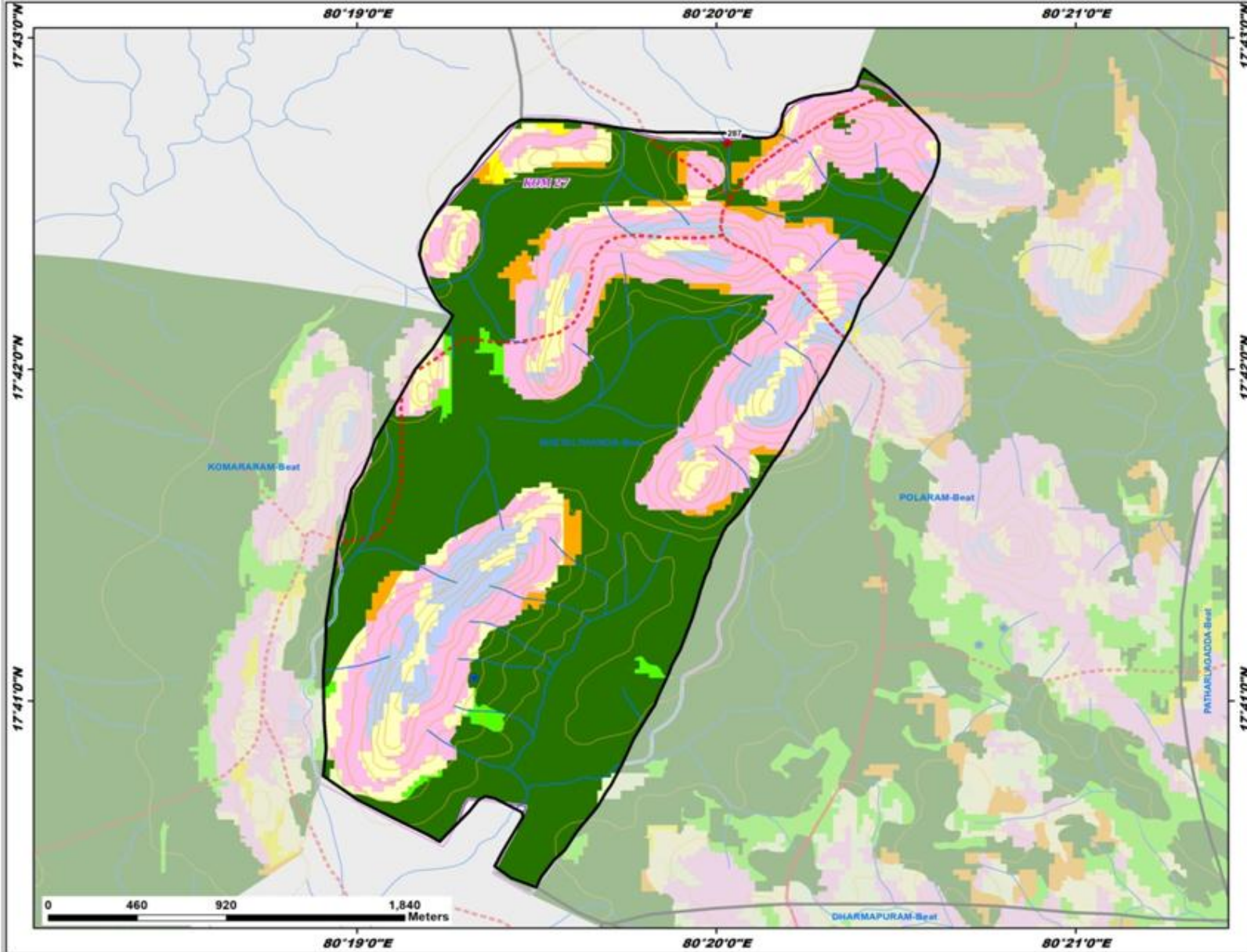
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Shetalthanda Beat



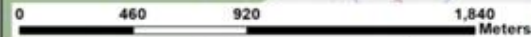
Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
287	17.711358	80.333845	9.72	1

Legend

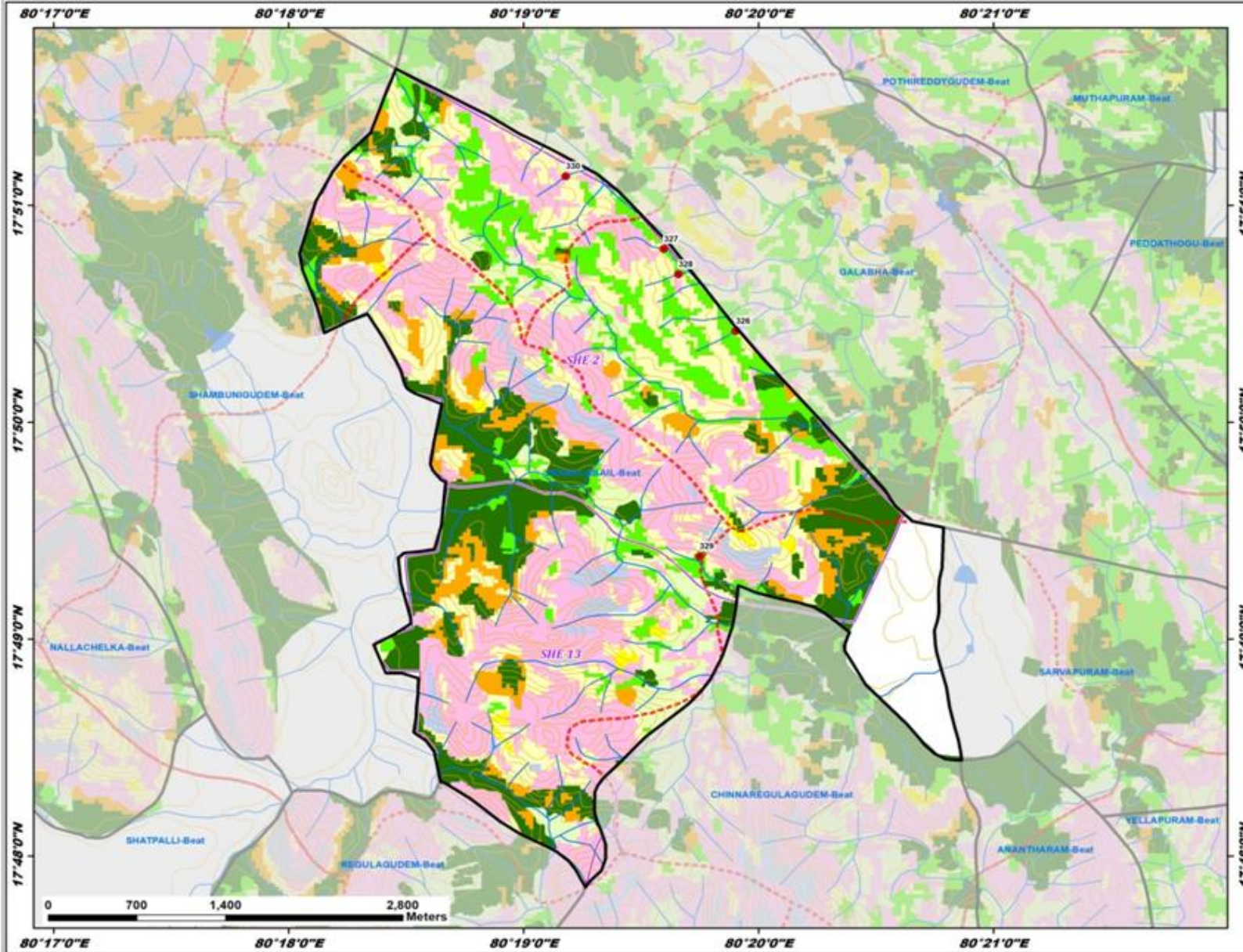
- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body



Map Showing Suitability index for Construction of SMC Works of Vennalabail Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
326	17.840358	80.331720	9.34	II
327	17.846661	80.326616	5.86	II
328	17.844719	80.327666	7.11	II
329	17.823050	80.329156	11.83	II
330	17.852242	80.319674	7.27	IV

Legend

- Proposed_PT
- Existing CD/PT
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

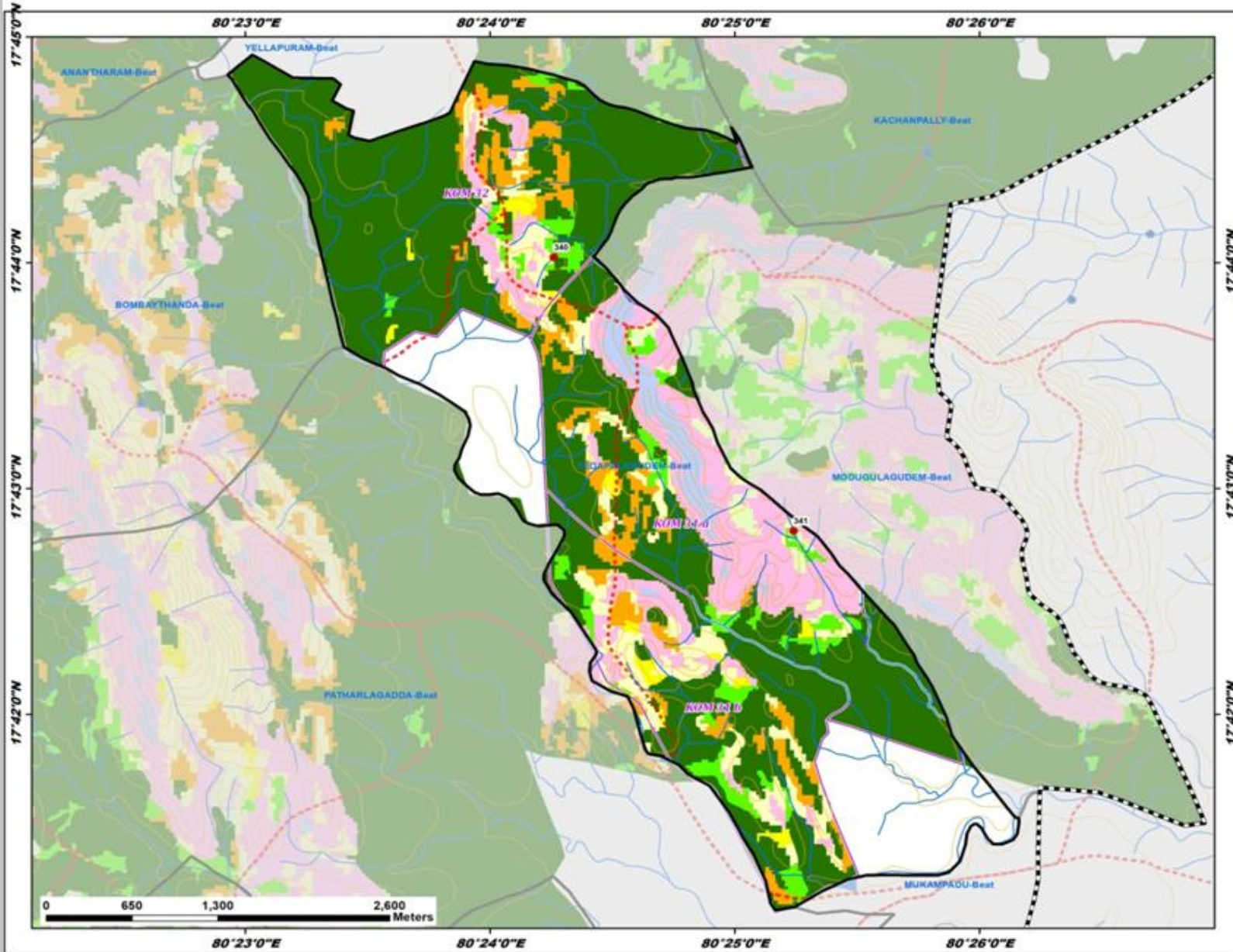
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Yedapalagudem Beat



Division : Yellandu
Range : Komararam



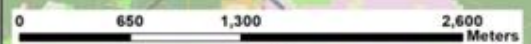
ID	Latitude	Longitude	Catchment Area_Ha	Priority
340	17.733728	80.404356	9.19	II
341	17.713539	80.420677	12.27	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

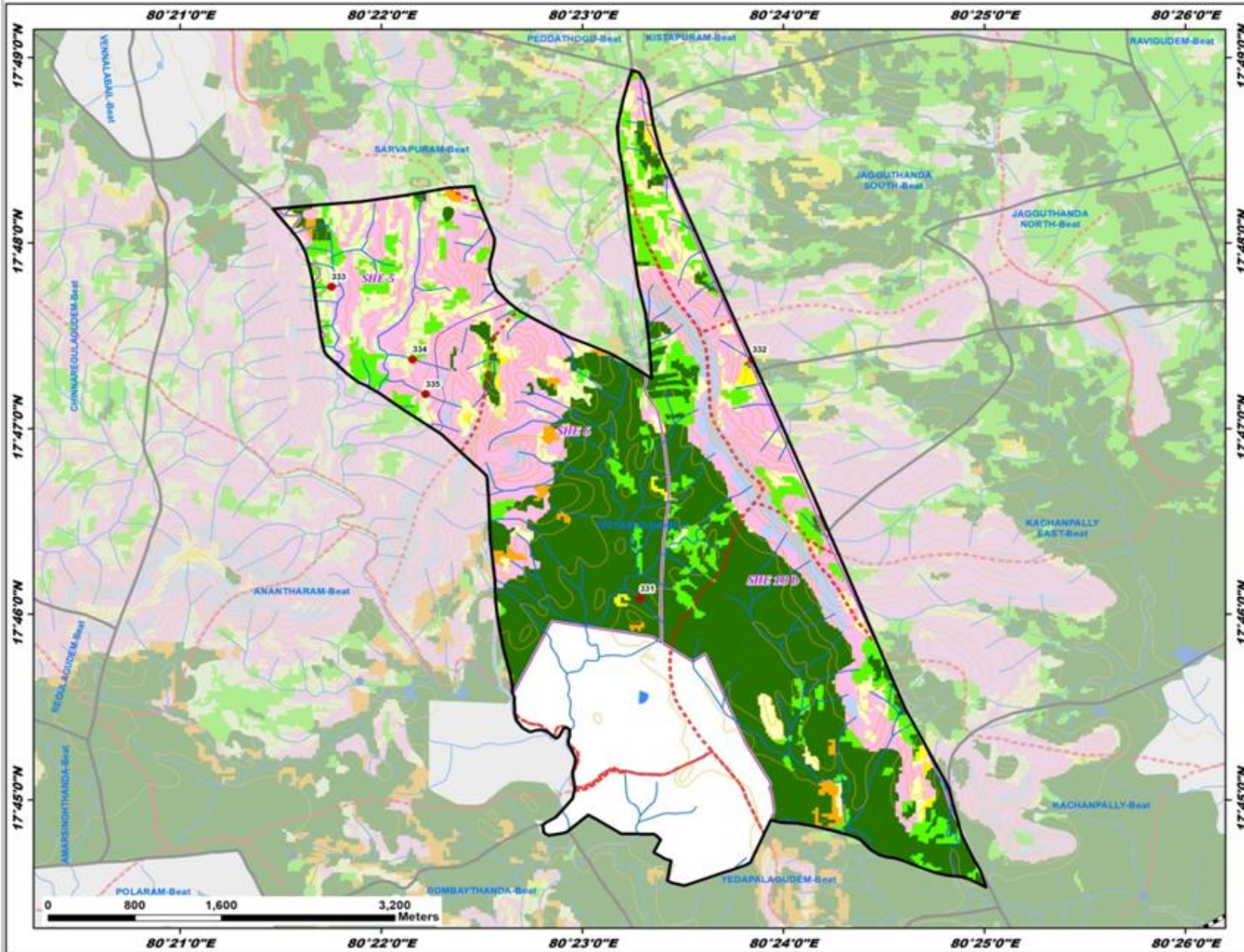
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Yellapuram Beat



Division : Yellandu
Range : Komararam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
331	17.768067	80.388128	20.39	I
332	17.789520	80.397430	12.86	I
333	17.796069	80.362565	9.84	II
334	17.789552	80.369270	6.07	IV
335	17.786431	80.370363	6.79	IV

Legend

- Proposed_PTs
- Existing CD/Pts
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

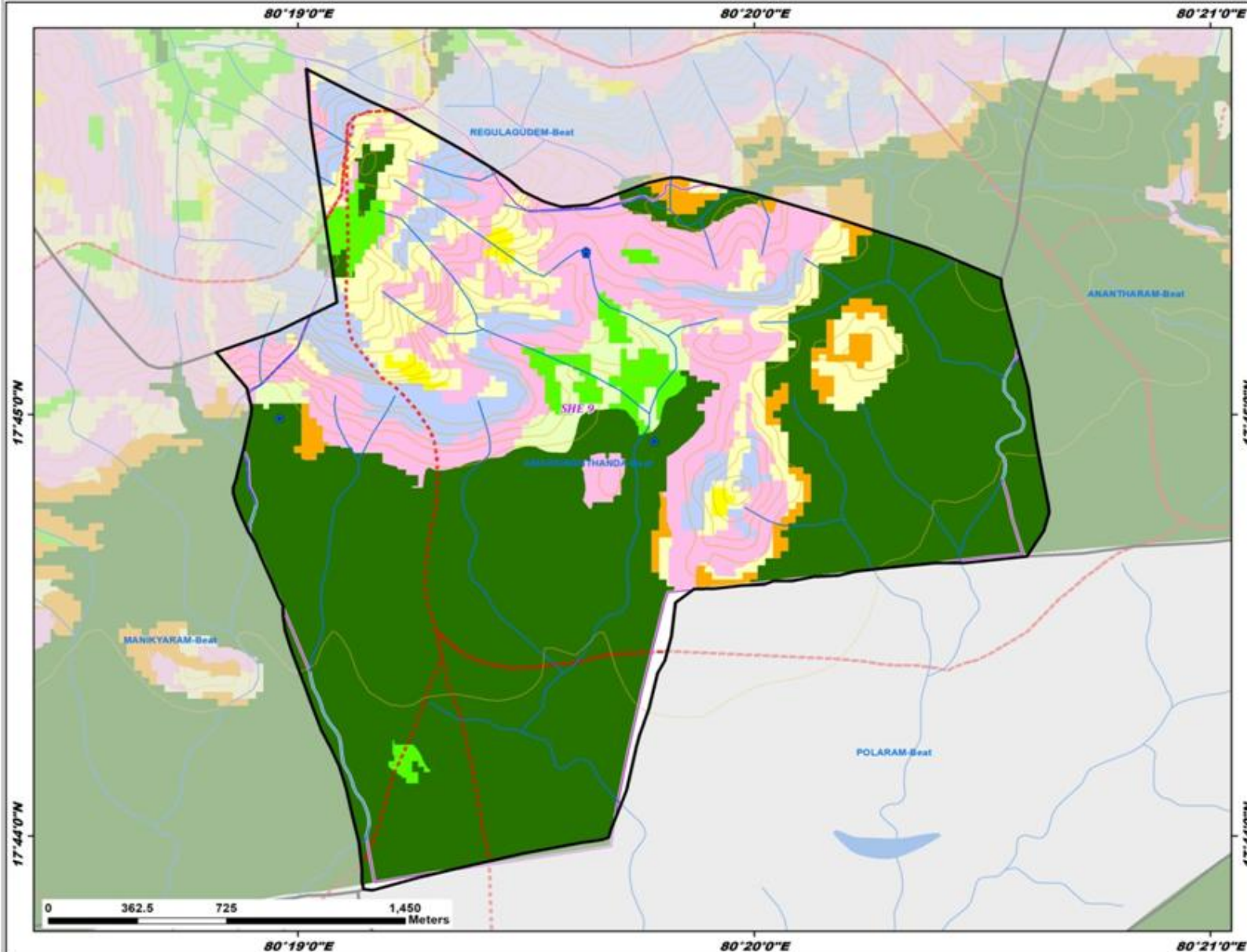
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Amarsinghthanda Beat



Division : Yellandu
Range : Komararam



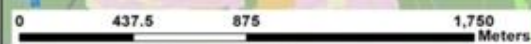
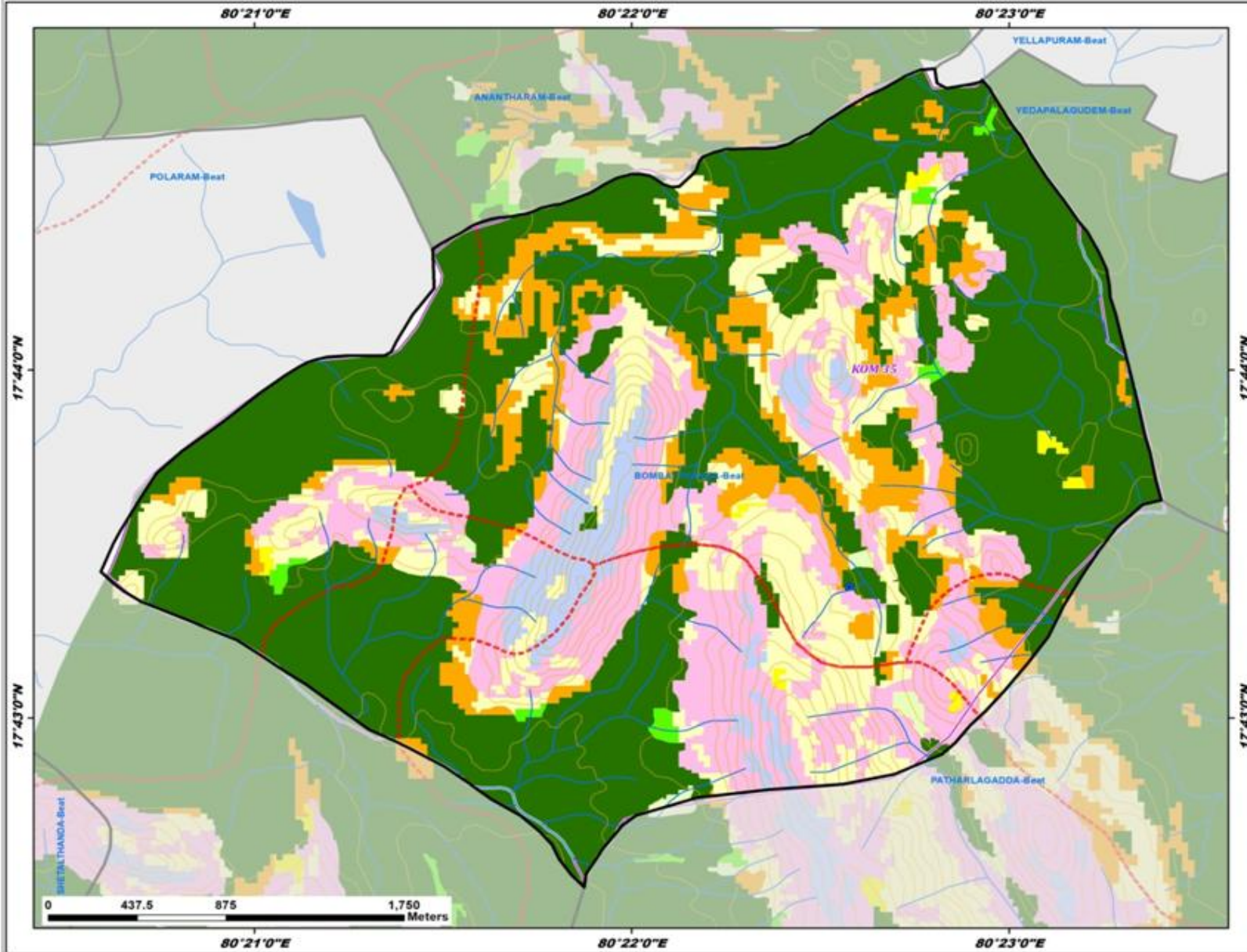
Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- Suitability Index**
 - CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Bombaythanda Beat



Division : Yellandu
Range : Komararam

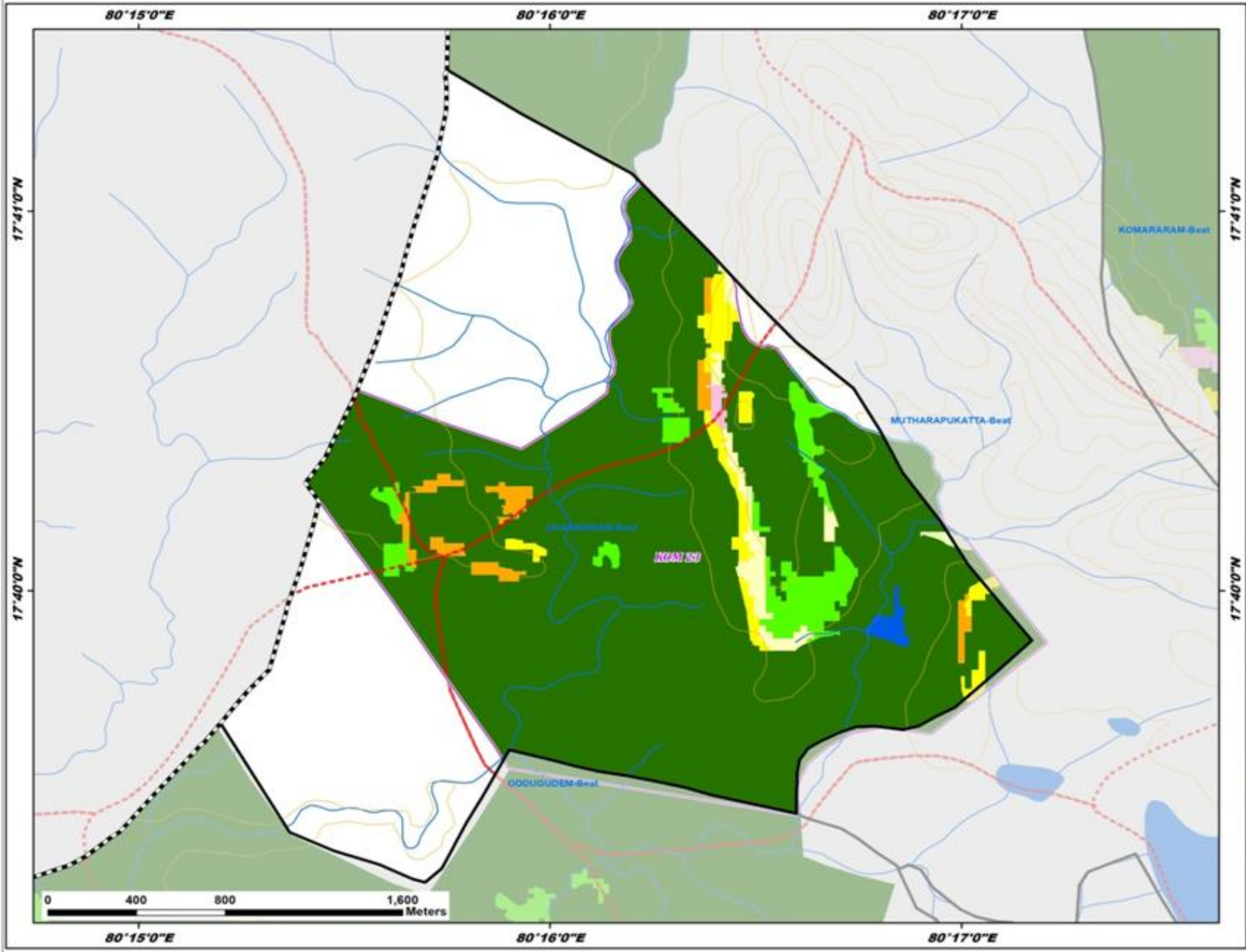


- Legend**
- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- Orange: CCTs/SCTs - Highly Suitable
 - Yellow: CCTs/SCTs - Moderately Suitable
 - Light Yellow: CCTs/SCTs - Least Suitable
 - Dark Green: PTs - Highly Suitable
 - Light Green: PTs - Moderately Suitable
 - Yellow-Green: PTs - Least Suitable
 - Pink: MPTs and SGPs - Suitable
 - Light Purple: Not Suitable
 - Blue: Water Body

Map Showing Suitability index for Construction of SMC Works of Dharmaram Beat



Division : Yellandu
Range : Komararam



Legend

- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- Compartment Boundary
- Beat Boundary
- - - Division Boundary

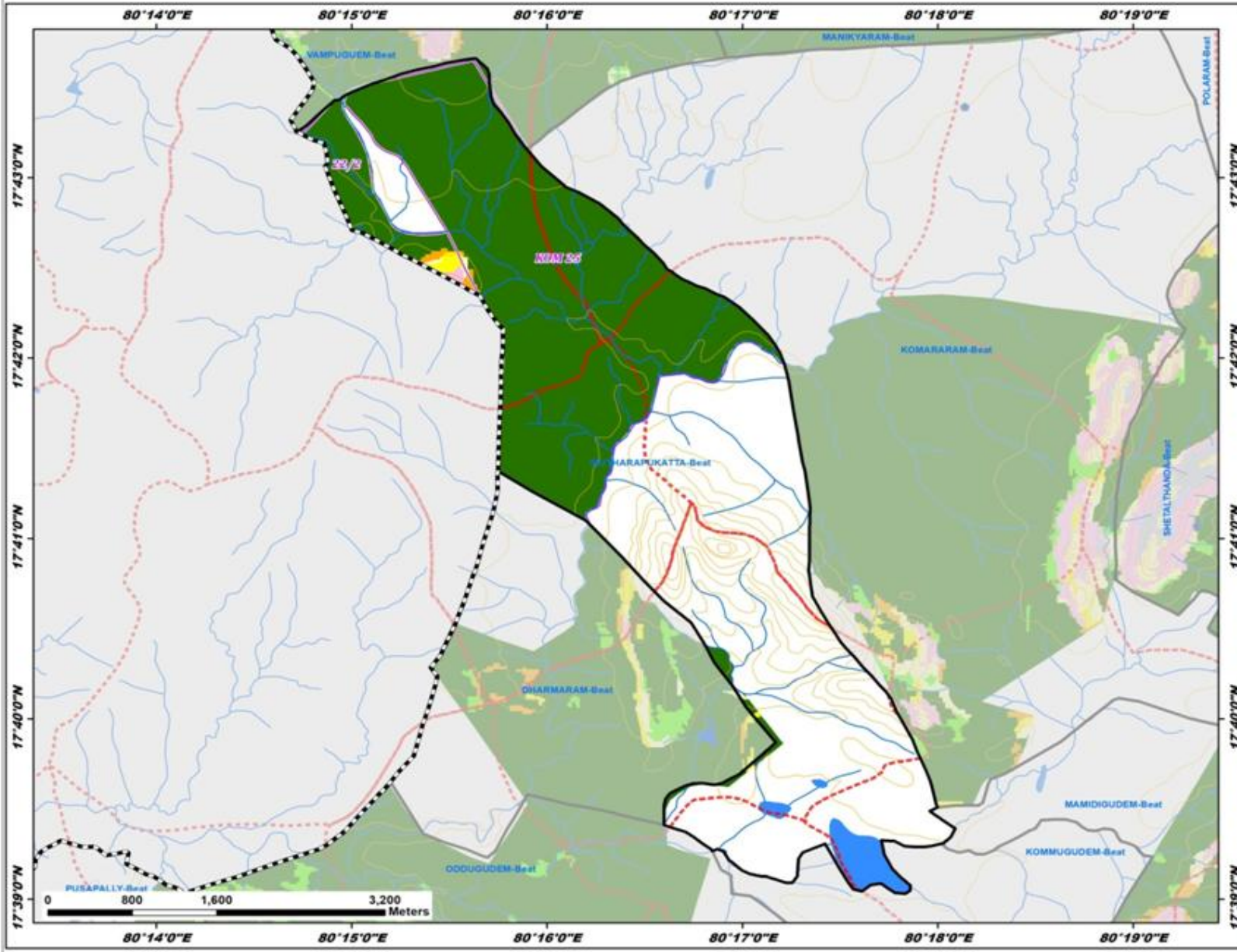
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Mutharapukatta Beat



Division : Yellandu
Range : Komararam

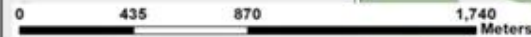
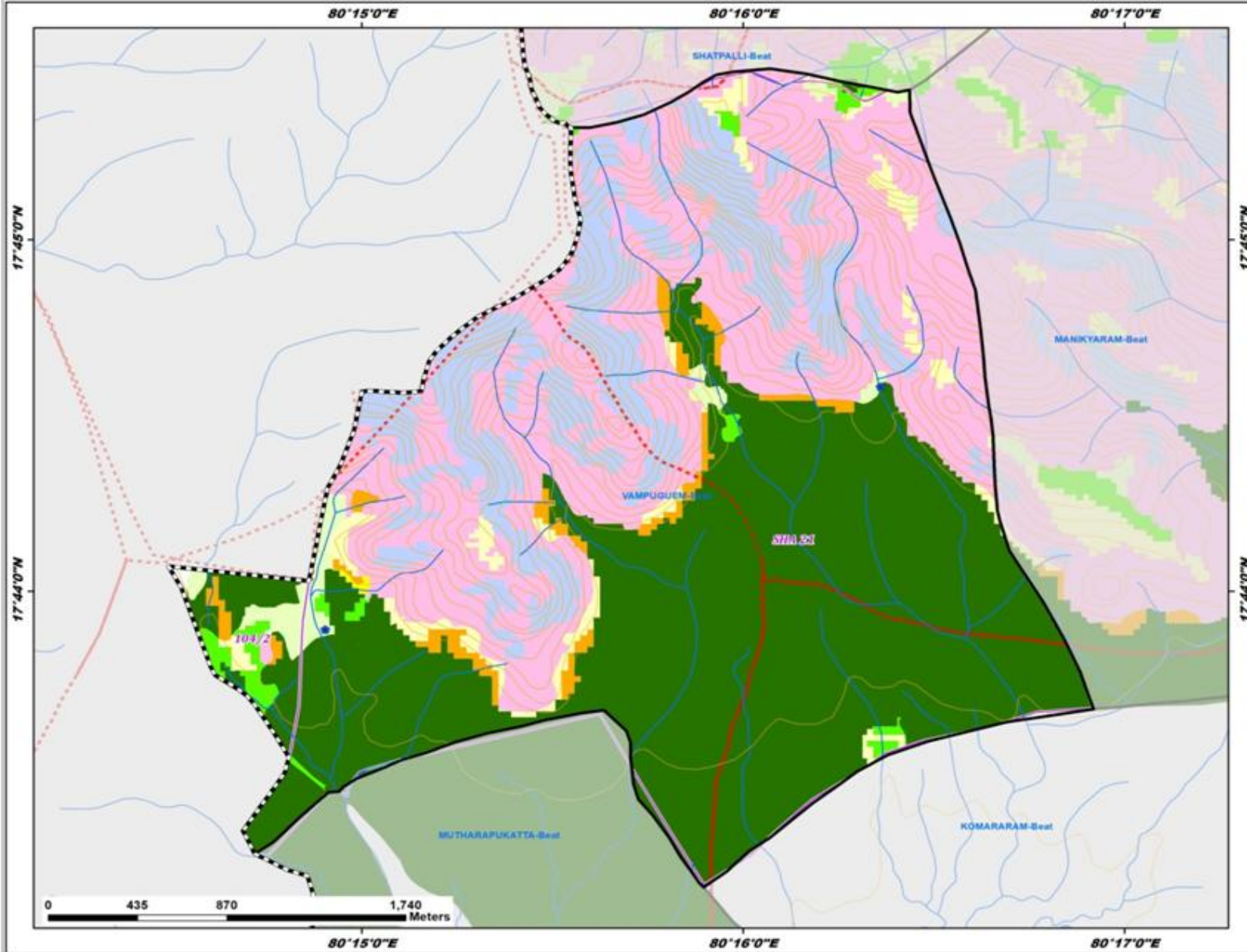


- Legend**
- Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - - - Compartment Boundary
 - Beat Boundary
 - - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP's - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Vampuguem Beat



Division : Yellandu
Range : Komararam

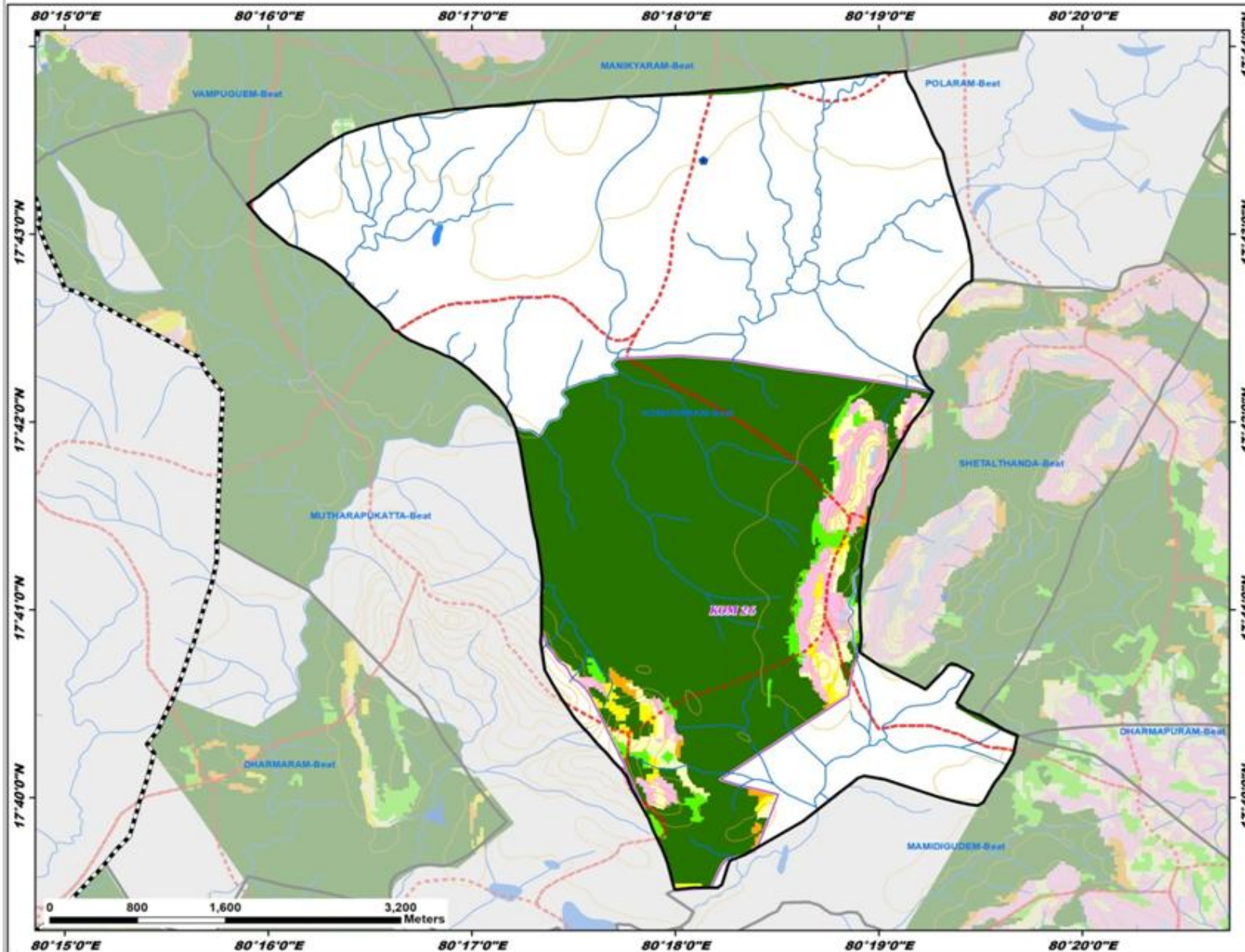


- Legend**
- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Komararam Beat



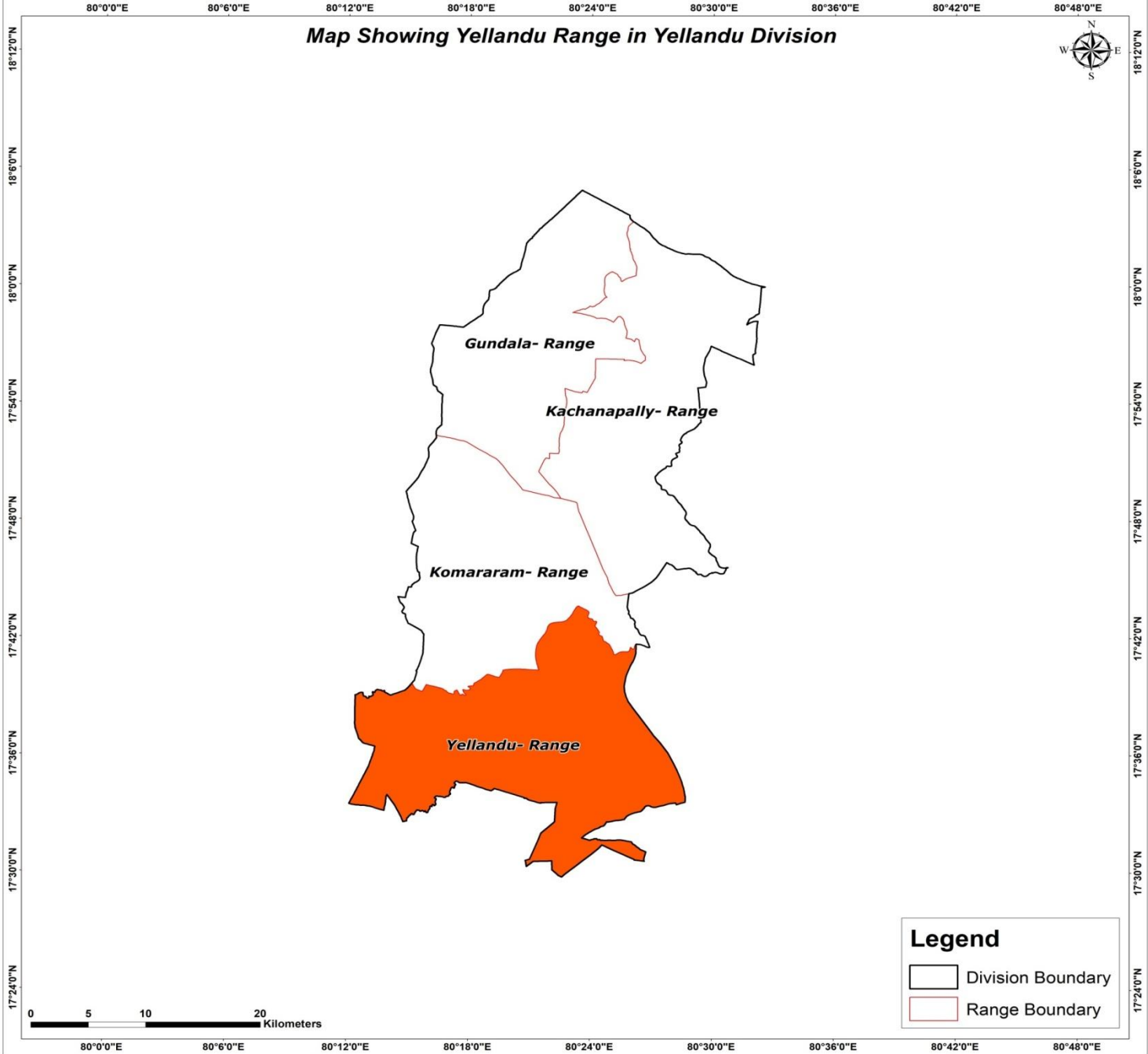
Division : Yellandu
Range : Komararam



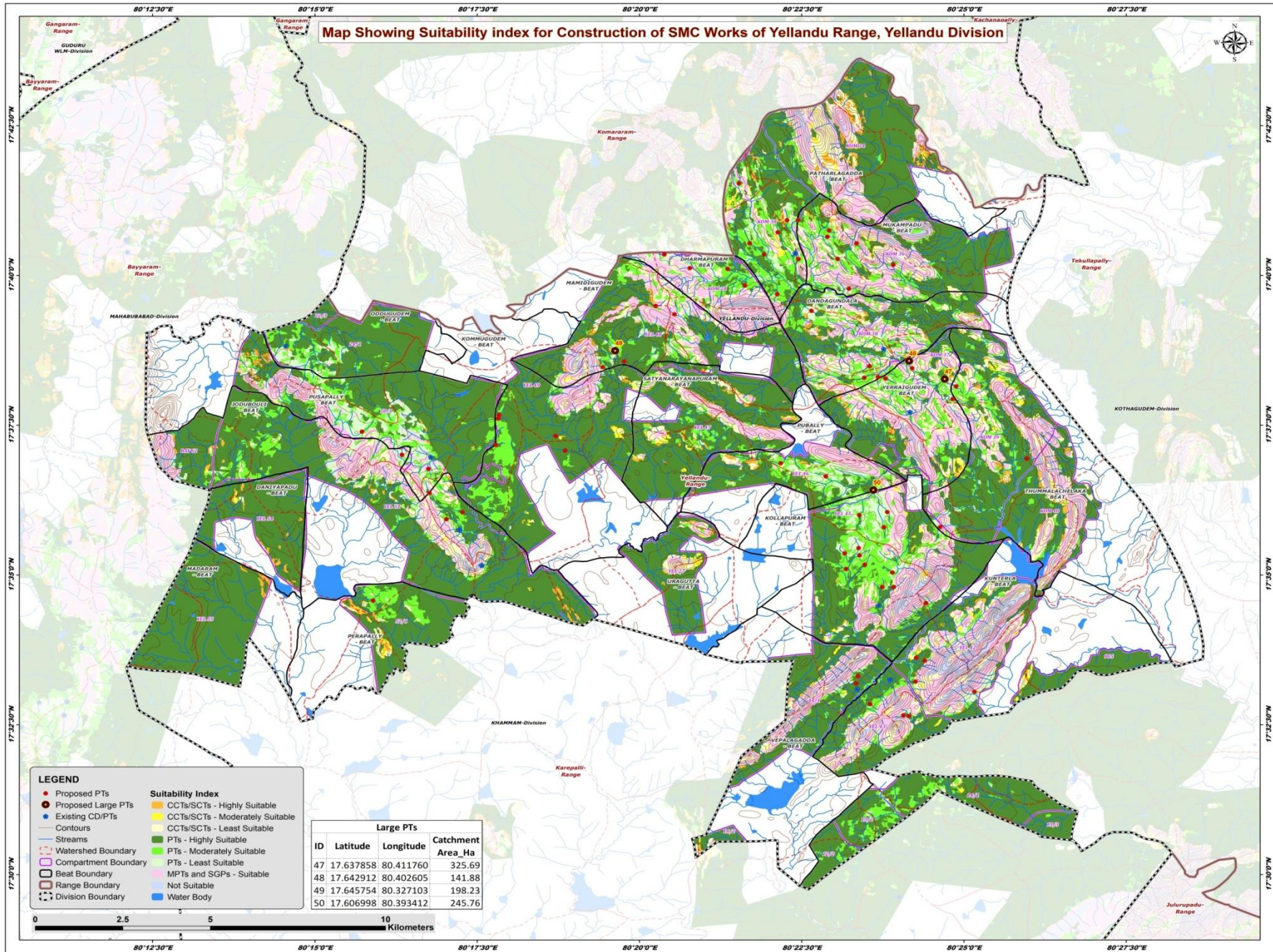
Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body

Map Showing Yellandu Range in Yellandu Division



Map Showing Suitability index for Construction of SMC Works of Yellandu Range, Yellandu Division



LEGEND

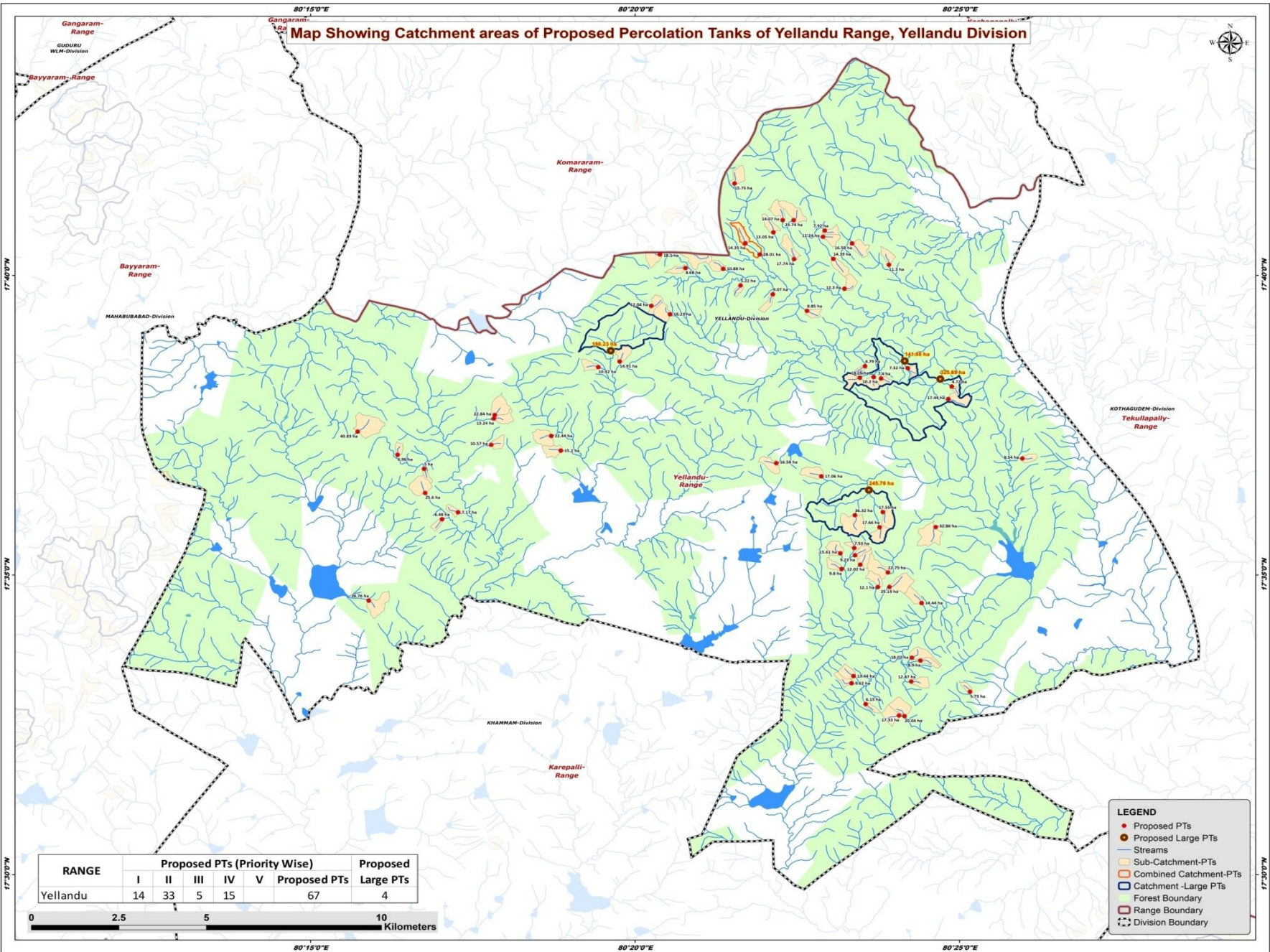
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
47	17.637858	80.411760	325.69
48	17.642912	80.402605	141.88
49	17.645754	80.327103	198.23
50	17.606998	80.393412	245.76



Map Showing Catchment areas of Proposed Percolation Tanks of Yellandu Range, Yellandu Division



- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Streams
 - ▭ Sub-Catchment-PTs
 - ▭ Combined Catchment-PTs
 - ▭ Catchment -Large PTs
 - ▭ Forest Boundary
 - ▭ Range Boundary
 - ▭ Division Boundary

RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
	I	II	III	IV	V		
Yellandu	14	33	5	15	67	4	



Beat wise Abstract of Proposed PT's – Yellandu Range

S. No.	Beat	Proposed PT's
1	DANDAGUNDALA	4
2	DHARMAPURAM	4
3	JODUBOULI	4
4	KOLLAPURAM	12
5	KOMMUGUEDEM	5
6	KUNTERLA	7
7	MAMIDIGUEDEM	4
8	MUKAMPADU	7
9	PATHARLAGADDA	7
10	PERAPALLY	1
11	PUBALLY	2
12	PUSAPALLY	2
13	THUMMALACHELAKA	3
14	VEPALAGADDA	2
15	YERRAIGUEDEM	3
	Total	67

List of Proposed PTs – Yellandu Range

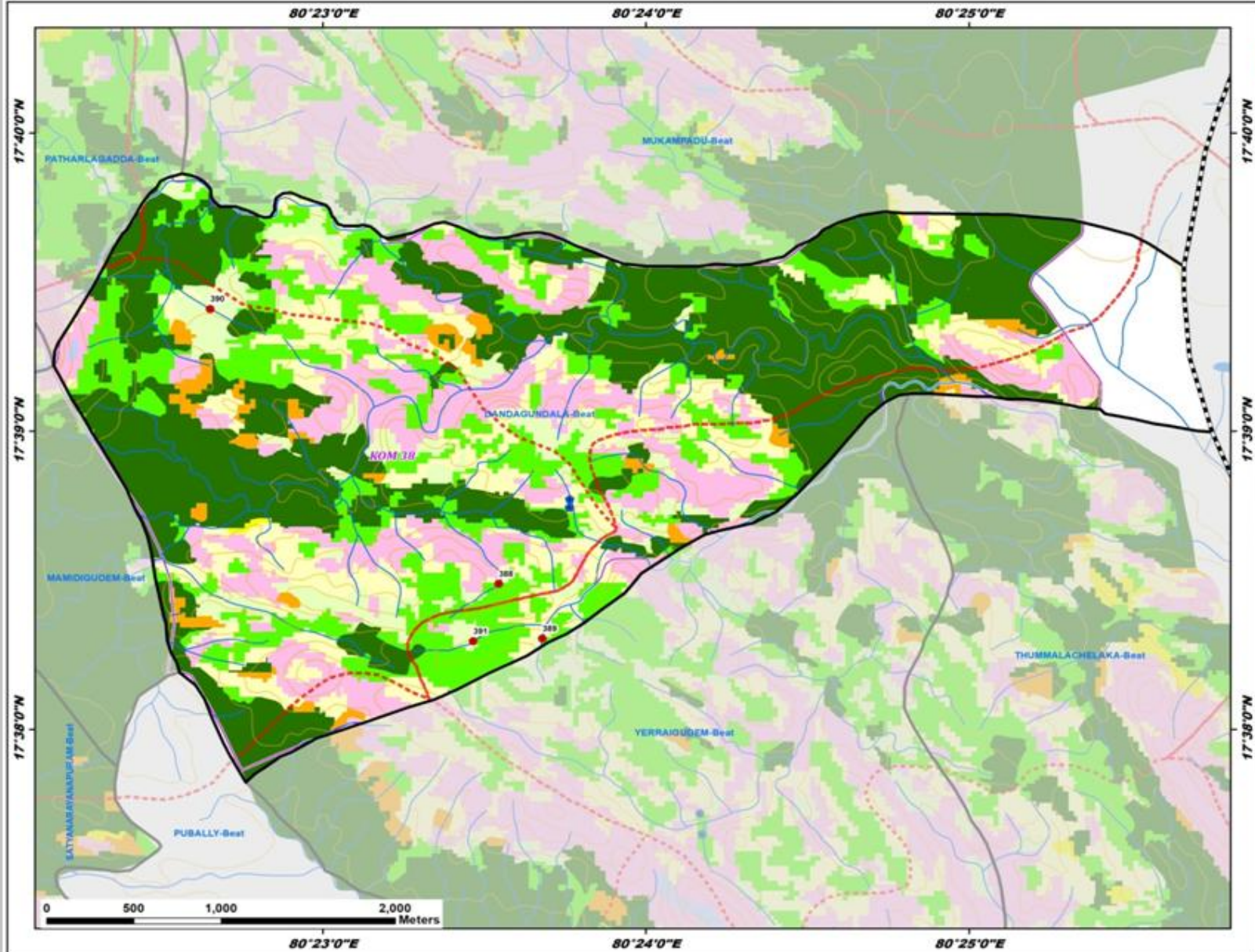
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
342	17.663910	80.360466	5.22	II	DHARMAPURAM
343	17.668534	80.356000	10.88	II	DHARMAPURAM
344	17.668752	80.346296	8.68	IV	DHARMAPURAM
345	17.672543	80.339770	18.10	IV	DHARMAPURAM
346	17.669672	80.398568	11.30	I	MUKAMPADU
347	17.671311	80.384273	14.39	II	MUKAMPADU
348	17.682072	80.374091	23.74	II	MUKAMPADU
349	17.675638	80.389090	16.58	II	MUKAMPADU
350	17.679199	80.382071	7.92	II	MUKAMPADU
351	17.677447	80.381636	11.24	II	MUKAMPADU
352	17.663001	80.387137	12.30	IV	MUKAMPADU
353	17.682054	80.371281	14.07	II	PATHARLAGADDA
354	17.661482	80.368726	9.07	II	PATHARLAGADDA
355	17.692264	80.358904	15.75	II	PATHARLAGADDA
356	17.671238	80.374201	17.74	II	PATHARLAGADDA
357	17.678664	80.368879	13.05	II	PATHARLAGADDA
358	17.675667	80.361687	14.35	II	PATHARLAGADDA
359	17.672531	80.365373	28.01	III	PATHARLAGADDA
360	17.600785	80.287924	7.17	I	JODUBOULI
361	17.598880	80.283811	6.48	II	JODUBOULI
362	17.616793	80.272364	6.96	II	JODUBOULI
363	17.606185	80.279437	25.60	III	JODUBOULI
364	17.623229	80.262119	40.83	III	PUSAPALLY
365	17.612893	80.279166	5.00	IV	PUSAPALLY
366	17.576220	80.264957	26.76	III	PERAPALLY
367	17.586225	80.391185	12.02	I	KOLLAPURAM
368	17.580006	80.395694	12.10	II	KOLLAPURAM
369	17.584068	80.398322	22.75	II	KOLLAPURAM
370	17.580018	80.398678	25.13	II	KOLLAPURAM
371	17.588835	80.389857	9.23	II	KOLLAPURAM
372	17.589377	80.386071	15.61	II	KOLLAPURAM
373	17.585026	80.386408	9.80	II	KOLLAPURAM
374	17.596644	80.396139	17.66	II	KOLLAPURAM
375	17.599987	80.389825	36.32	II	KOLLAPURAM
376	17.590837	80.389647	7.53	IV	KOLLAPURAM
377	17.575549	80.406964	14.44	IV	KOLLAPURAM
378	17.600876	80.397007	17.55	IV	KOLLAPURAM
379	17.544081	80.402567	20.04	I	KUNTERLA
380	17.560333	80.404432	18.02	I	KUNTERLA
381	17.559547	80.406635	8.90	II	KUNTERLA

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
382	17.547437	80.392577	6.15	II	KUNTERLA
383	17.553718	80.404288	12.47	IV	KUNTERLA
384	17.550855	80.419371	5.73	IV	KUNTERLA
385	17.544272	80.401167	17.33	IV	KUNTERLA
386	17.555214	80.389464	13.44	I	VEPALAGADDA
387	17.553226	80.388967	9.62	I	VEPALAGADDA
388	17.641468	80.392417	4.79	II	DANDAGUNDALA
389	17.638412	80.394662	10.20	II	DANDAGUNDALA
390	17.656838	80.377529	8.85	IV	DANDAGUNDALA
391	17.638256	80.391093	18.26	IV	DANDAGUNDALA
392	17.615774	80.432809	8.54	I	THUMMALACHELAKA
393	17.635802	80.414695	4.72	II	THUMMALACHELAKA
394	17.596672	80.410574	32.86	III	THUMMALACHELAKA
395	17.638038	80.396516	7.40	II	YERRAIGUDEM
396	17.640876	80.403390	7.32	IV	YERRAIGUDEM
397	17.632324	80.413785	17.49	IV	YERRAIGUDEM
398	17.619581	80.296421	10.57	I	KOMMUGUDEM
399	17.617957	80.314306	15.20	I	KOMMUGUDEM
400	17.622049	80.311832	22.44	I	KOMMUGUDEM
401	17.627845	80.297298	22.84	I	KOMMUGUDEM
402	17.626862	80.297106	13.24	I	KOMMUGUDEM
403	17.642733	80.329413	14.91	I	MAMIDIGUDEM
404	17.641179	80.323917	10.92	II	MAMIDIGUDEM
405	17.658233	80.337520	12.04	II	MAMIDIGUDEM
406	17.655893	80.342364	18.23	IV	MAMIDIGUDEM
407	17.614474	80.369645	16.58	II	PUBALLY
408	17.610805	80.381201	17.06	II	PUBALLY

Map Showing Suitability index for Construction of SMC Works of Dandagundala Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
388	17.641468	80.392417	4.79	II
389	17.638412	80.394662	10.20	II
390	17.656838	80.377529	8.85	IV
391	17.638256	80.391093	18.26	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

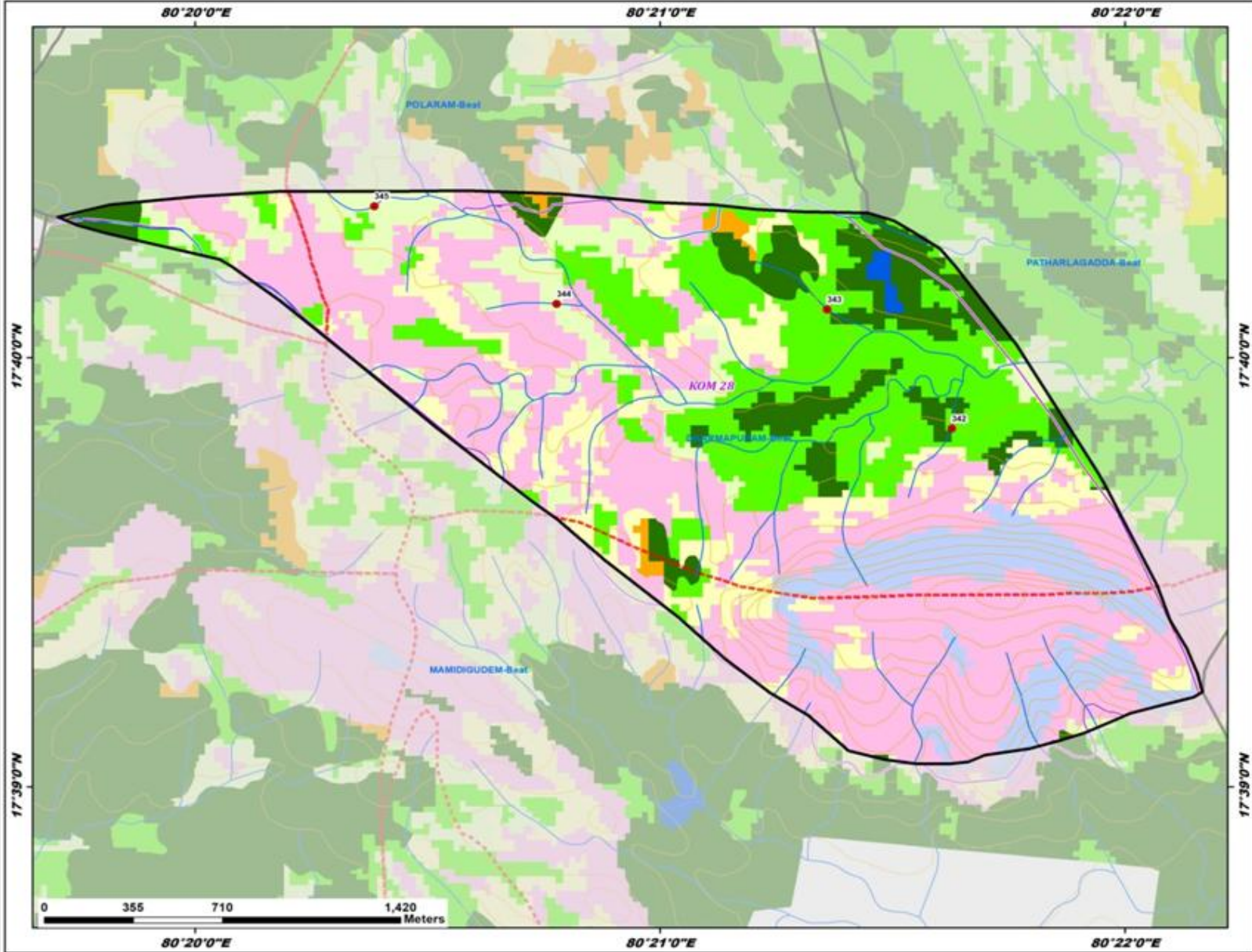
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Dharmapuram Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
342	17.663910	80.360466	5.22	II
343	17.668534	80.356000	10.88	II
344	17.668752	80.346296	8.68	IV
345	17.672543	80.339770	18.10	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

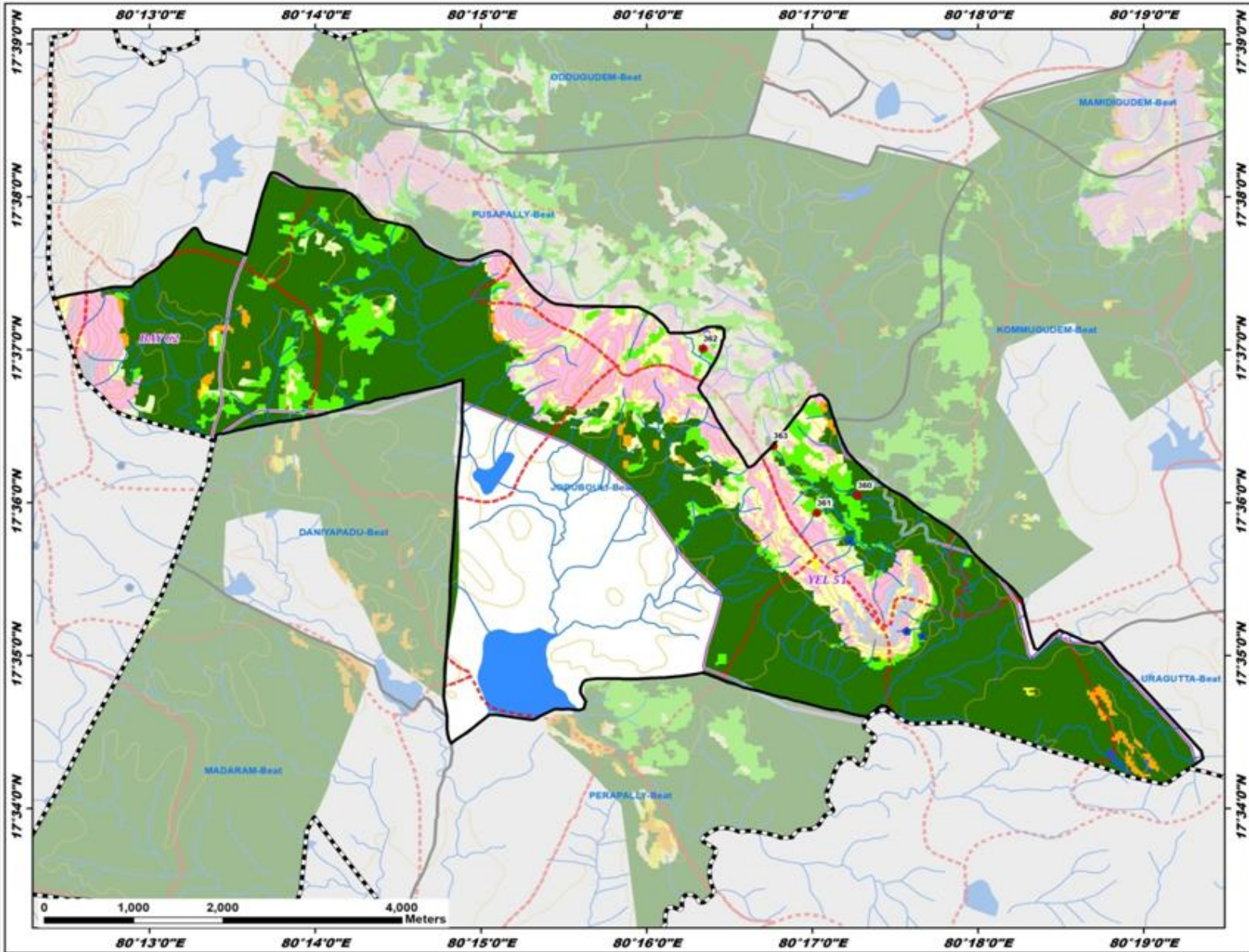
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Jodubouli Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
360	17.600785	80.287924	7.17	I
361	17.598880	80.283811	6.48	II
362	17.616793	80.272364	6.96	II
363	17.606185	80.279437	25.60	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

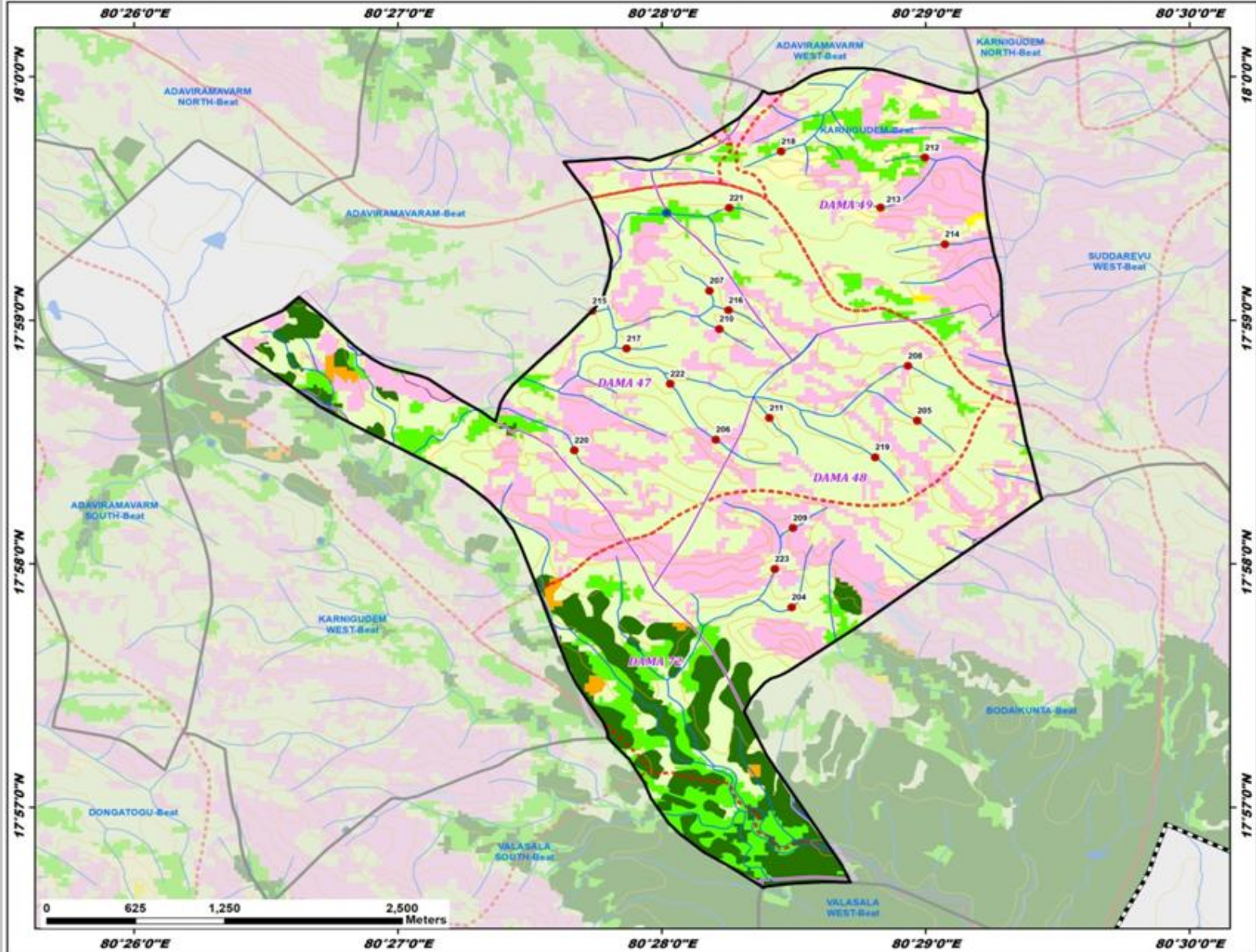
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Karnigudem Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
204	17.963691	80.474880	9.78	IV
205	17.976465	80.482811	12.68	IV
206	17.975165	80.470090	13.59	IV
207	17.985354	80.469701	8.48	IV
208	17.980205	80.482227	12.38	IV
209	17.969116	80.474957	15.73	IV
210	17.982735	80.470307	7.05	IV
211	17.976650	80.473479	16.71	IV
212	17.994455	80.483295	6.09	IV
213	17.991051	80.480507	17.08	IV
214	17.988527	80.484562	8.60	IV
215	17.983971	80.462279	8.61	IV
216	17.984013	80.470896	16.46	IV
217	17.981400	80.464461	8.95	IV
218	17.994878	80.474216	9.08	IV
219	17.973955	80.480157	29.31	V
220	17.974427	80.461167	53.73	V
221	17.991012	80.470941	44.22	V
222	17.978985	80.467222	24.20	IV
223	17.966306	80.473817	43.84	V

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

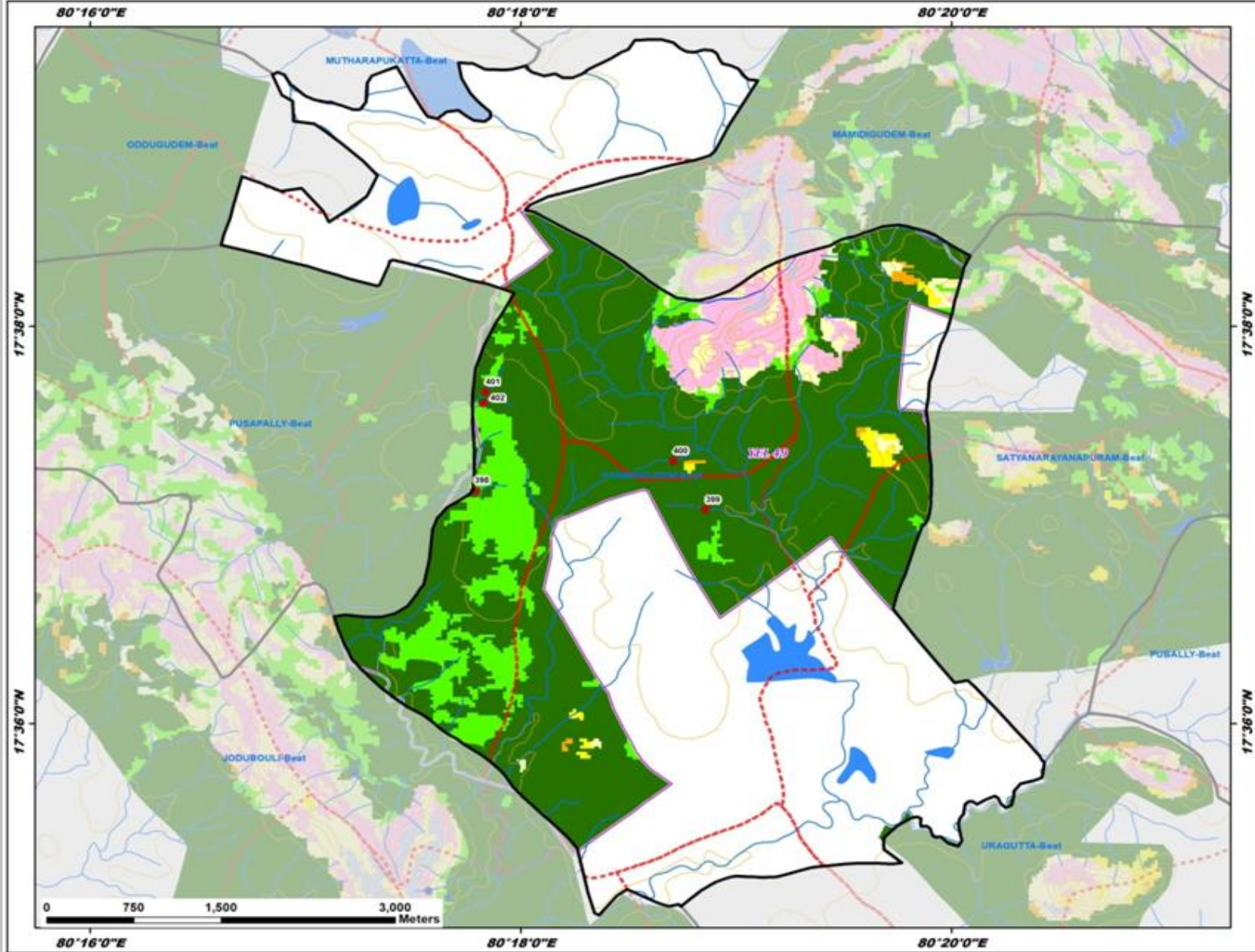
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Kommugudem Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
398	17.619581	80.296421	10.57	I
399	17.617957	80.314306	15.20	I
400	17.622049	80.311832	22.44	I
401	17.627845	80.297298	22.84	I
402	17.626862	80.297106	13.24	I

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- ▭ Beat Boundary
- - - Division Boundary

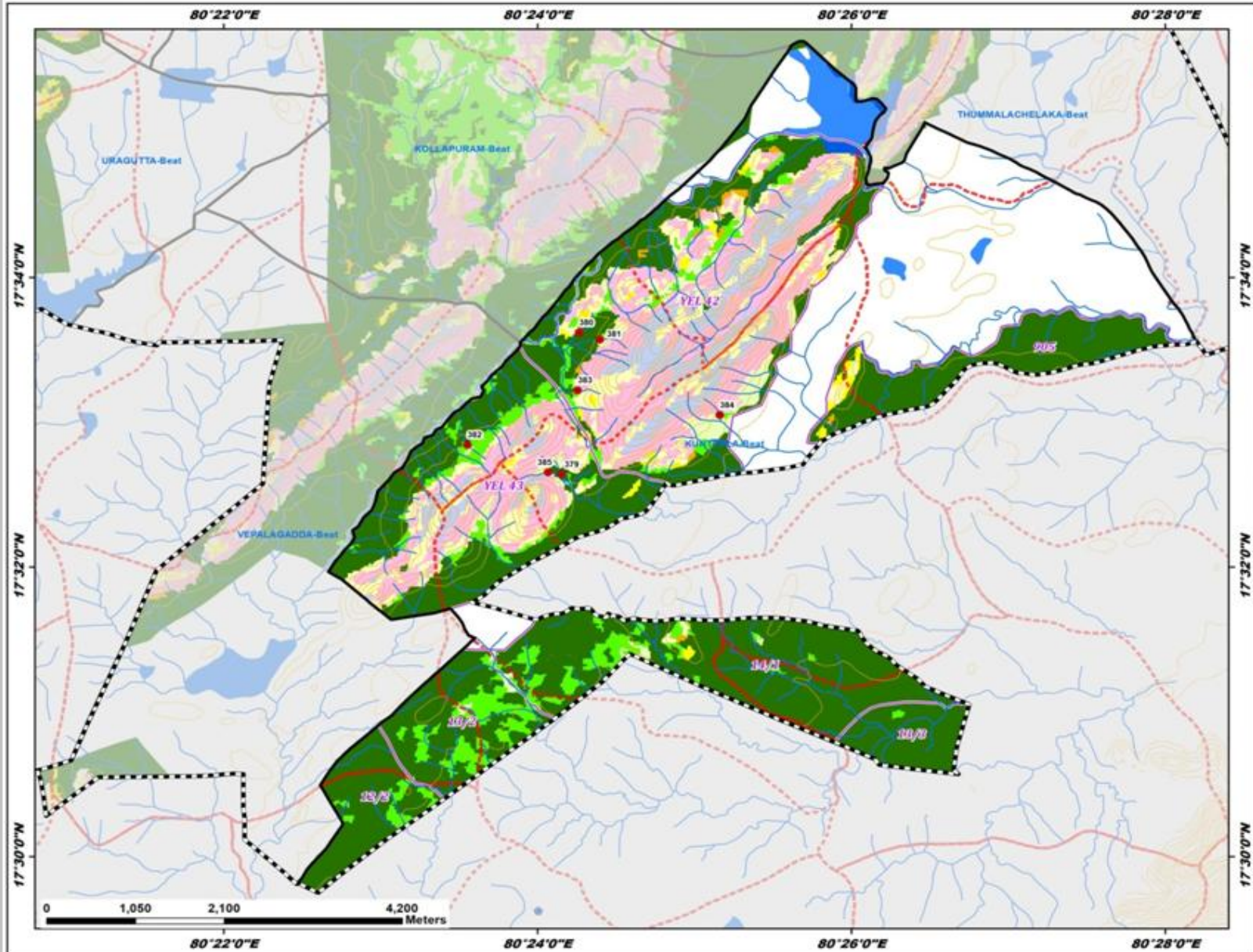
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Kunterla Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
379	17.544081	80.402567	20.04	I
380	17.560333	80.404432	18.02	I
381	17.559547	80.406635	8.90	II
382	17.547437	80.392577	6.15	II
383	17.553718	80.404288	12.47	IV
384	17.550855	80.419371	5.73	IV
385	17.544272	80.401167	17.33	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

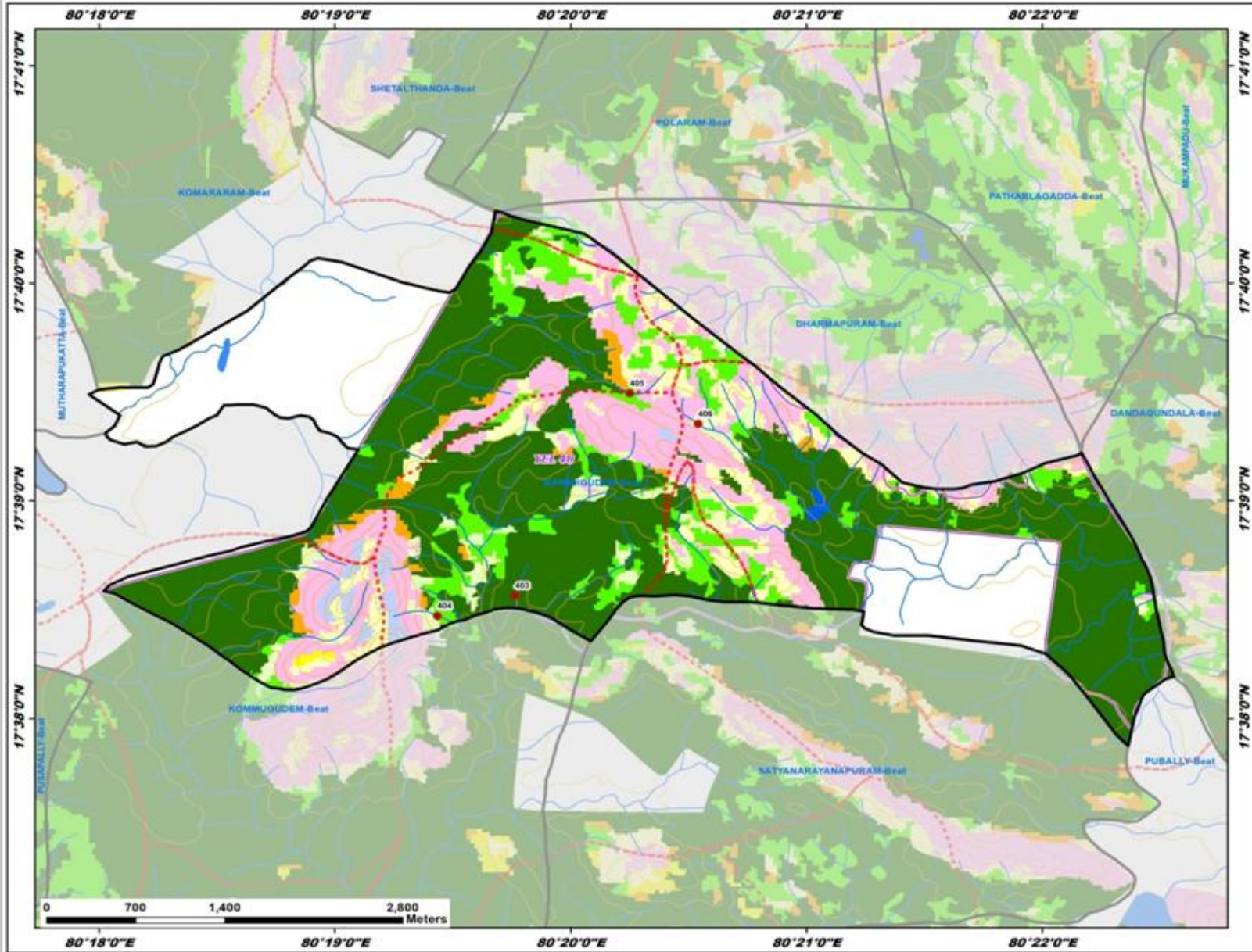
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Mamidigudem Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
403	17.642733	80.329413	14.91	I
404	17.641179	80.323917	10.92	II
405	17.658233	80.337520	12.04	II
406	17.655893	80.342364	18.23	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

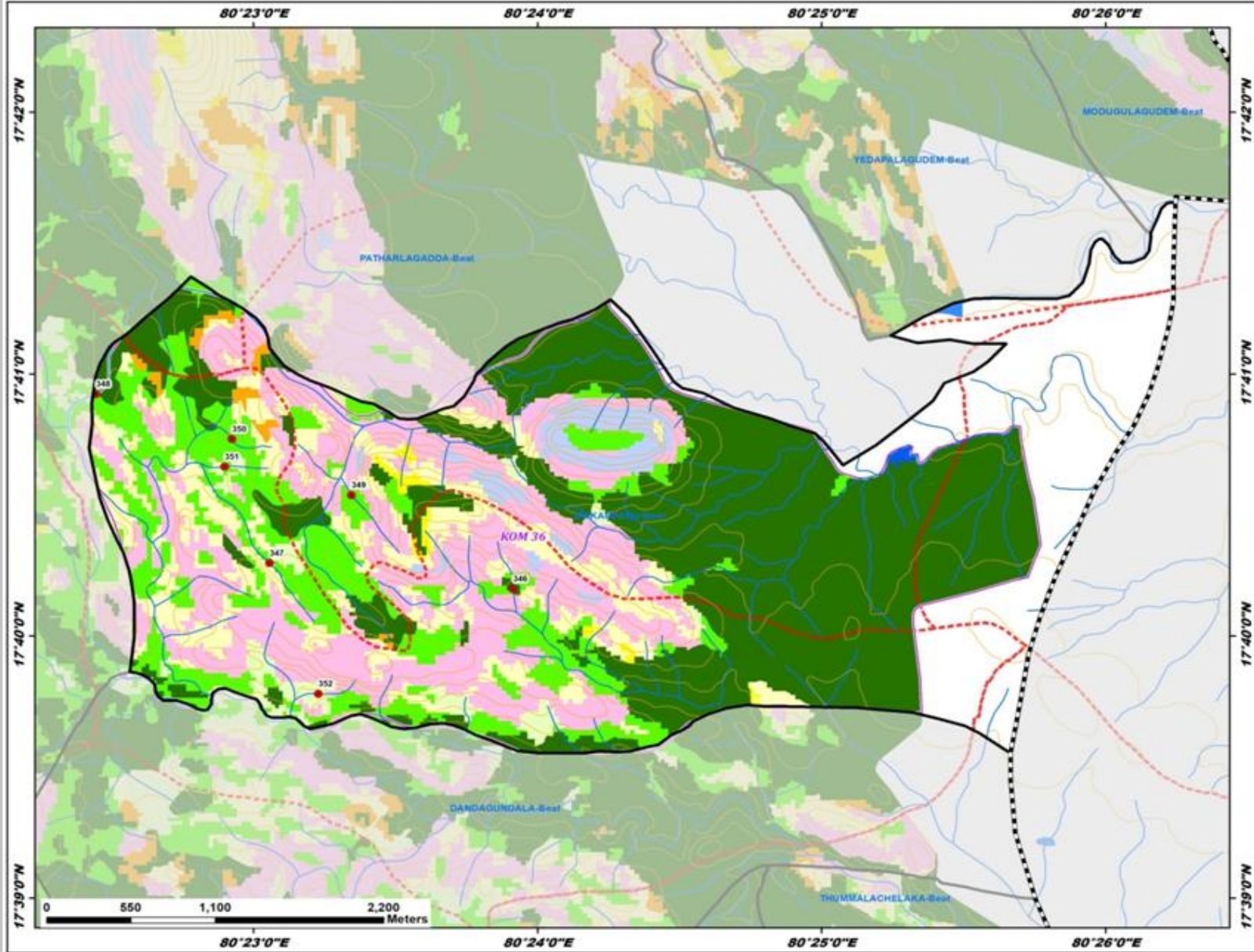
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Mukampadu Beat



Division : Yellandu
Range : Yellandu



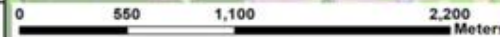
ID	Latitude	Longitude	Catchment Area_Ha	Priority
346	17.669672	80.398568	11.30	I
347	17.671311	80.384273	14.39	II
348	17.682072	80.374091	23.74	II
349	17.675638	80.389090	16.58	II
350	17.679199	80.382071	7.92	II
351	17.677447	80.381636	11.24	II
352	17.663001	80.387137	12.30	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

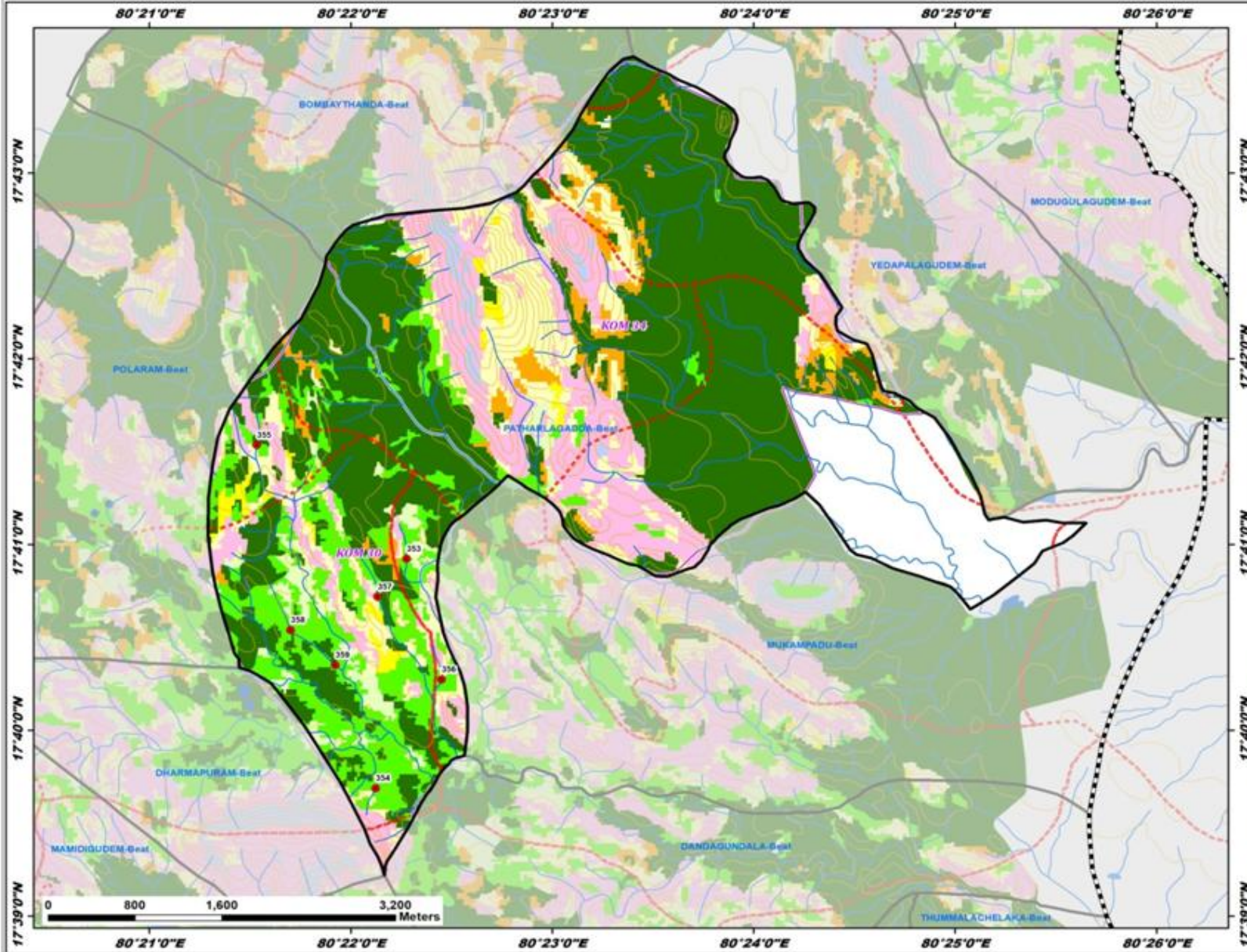
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Patharlagadda Beat



Division : Yellandu
Range : Yellandu



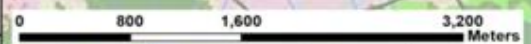
ID	Latitude	Longitude	Catchment Area_Ha	Priority
353	17.682054	80.371281	14.07	II
354	17.661482	80.368726	9.07	II
355	17.692264	80.358904	15.75	II
356	17.671238	80.374201	17.74	II
357	17.678664	80.368879	13.05	II
358	17.675667	80.361687	14.35	II
359	17.672531	80.365373	28.01	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

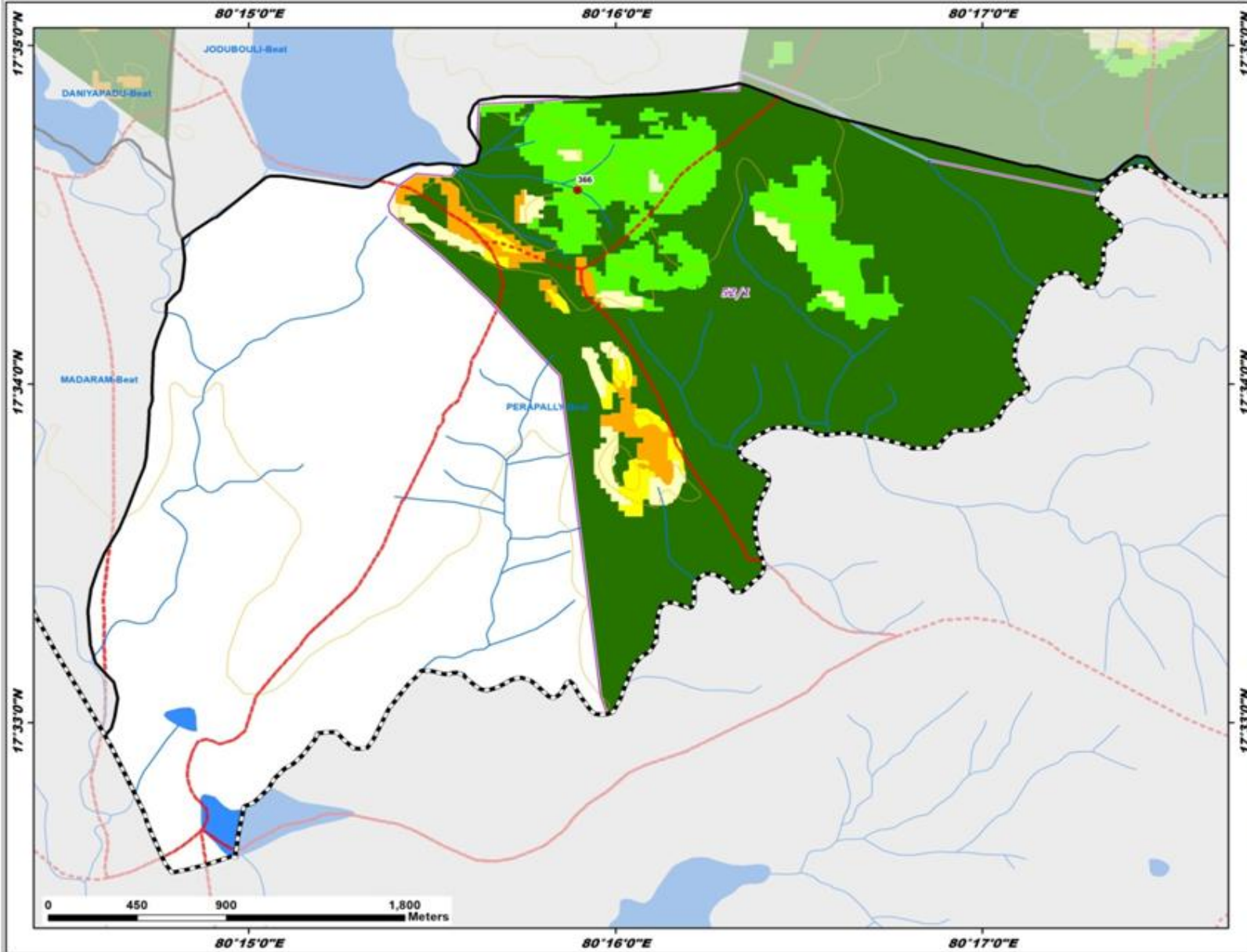
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Perapally Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
366	17.576220	80.264957	26.76	III

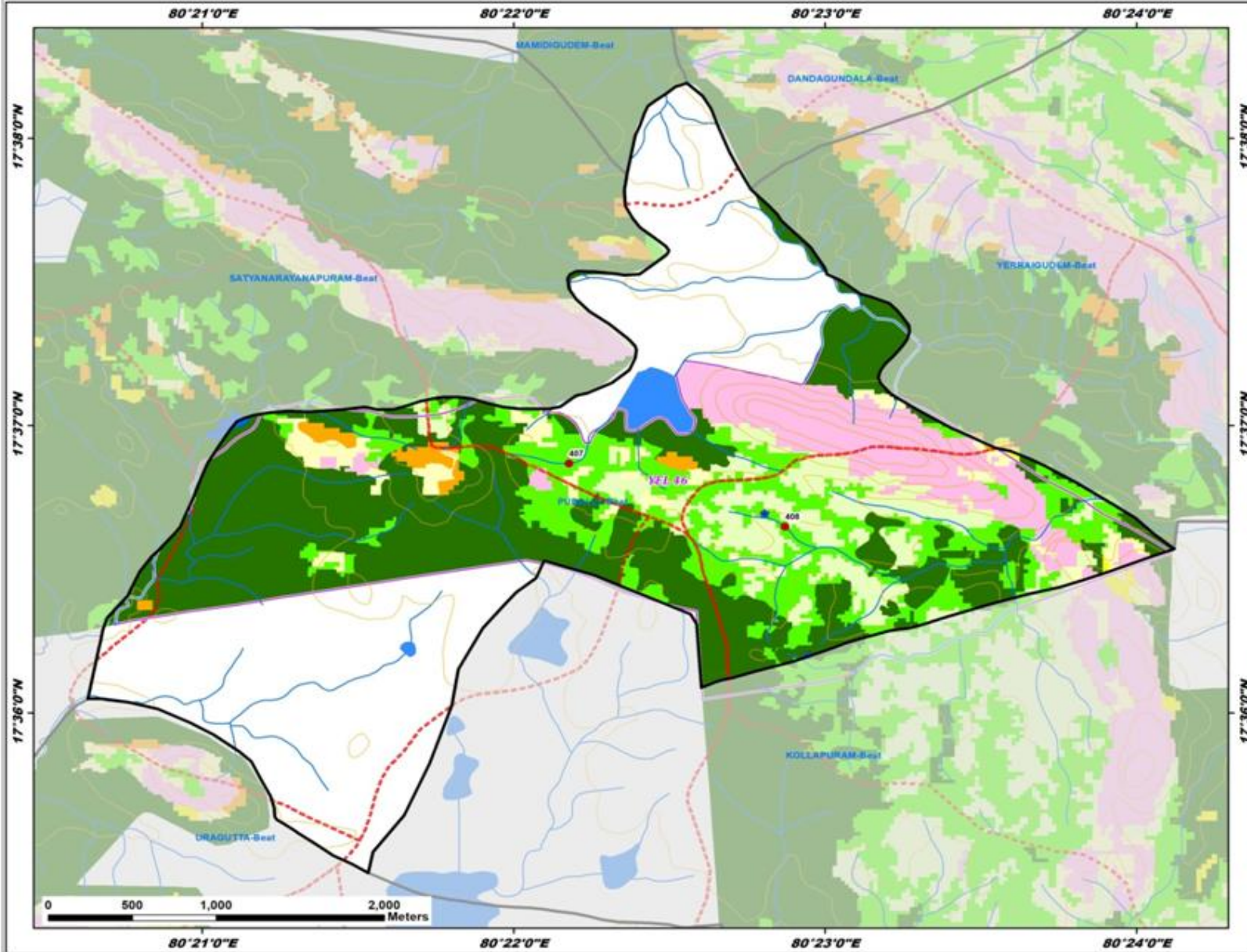
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Pubally Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
407	17.614474	80.369645	16.58	II
408	17.610805	80.381201	17.06	II

Legend

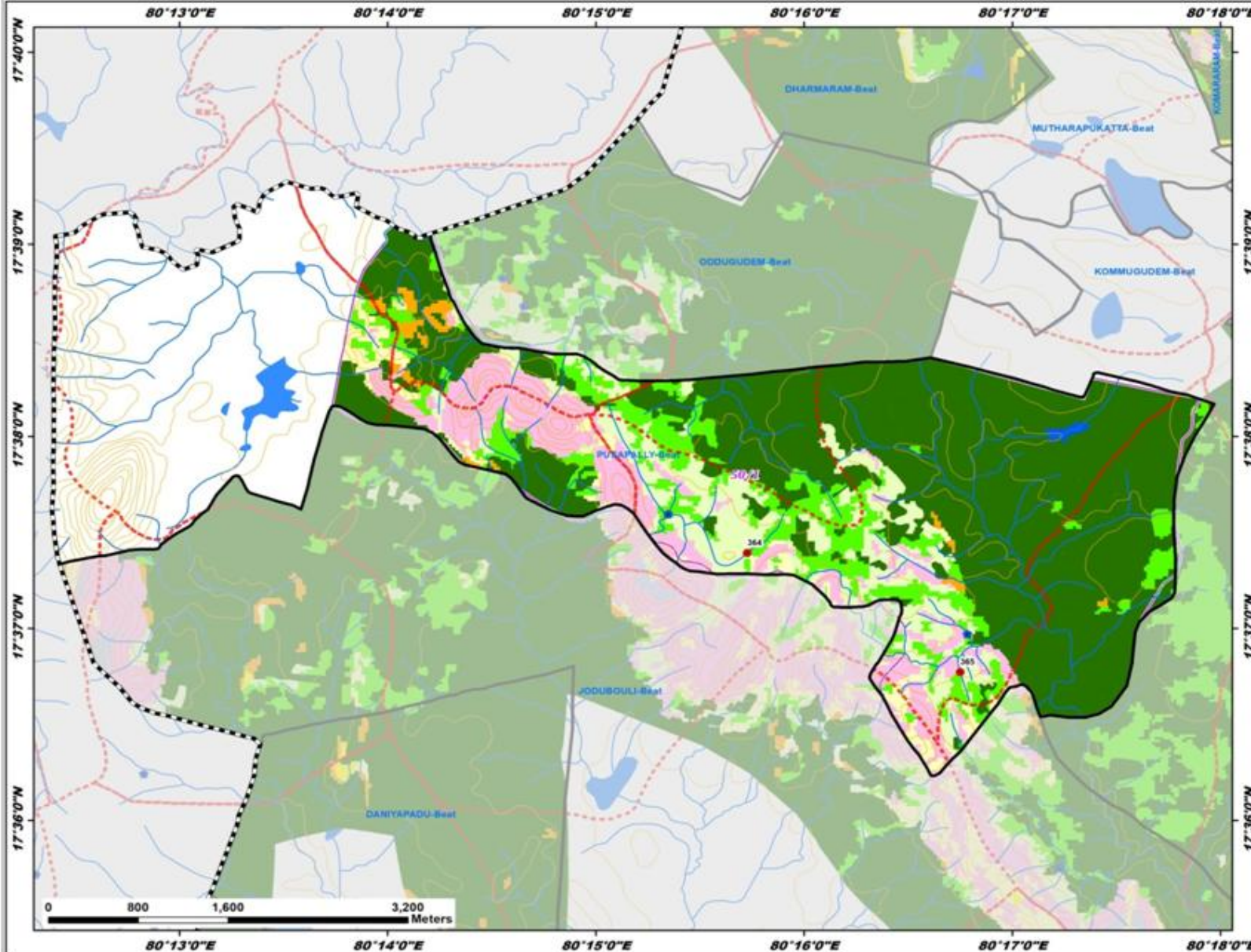
- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGTs - Suitable
 - Not Suitable
 - Water Body



Map Showing Suitability index for Construction of SMC Works of Pusapally Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
364	17.623229	80.262119	40.83	III
365	17.612893	80.279166	5.00	IV

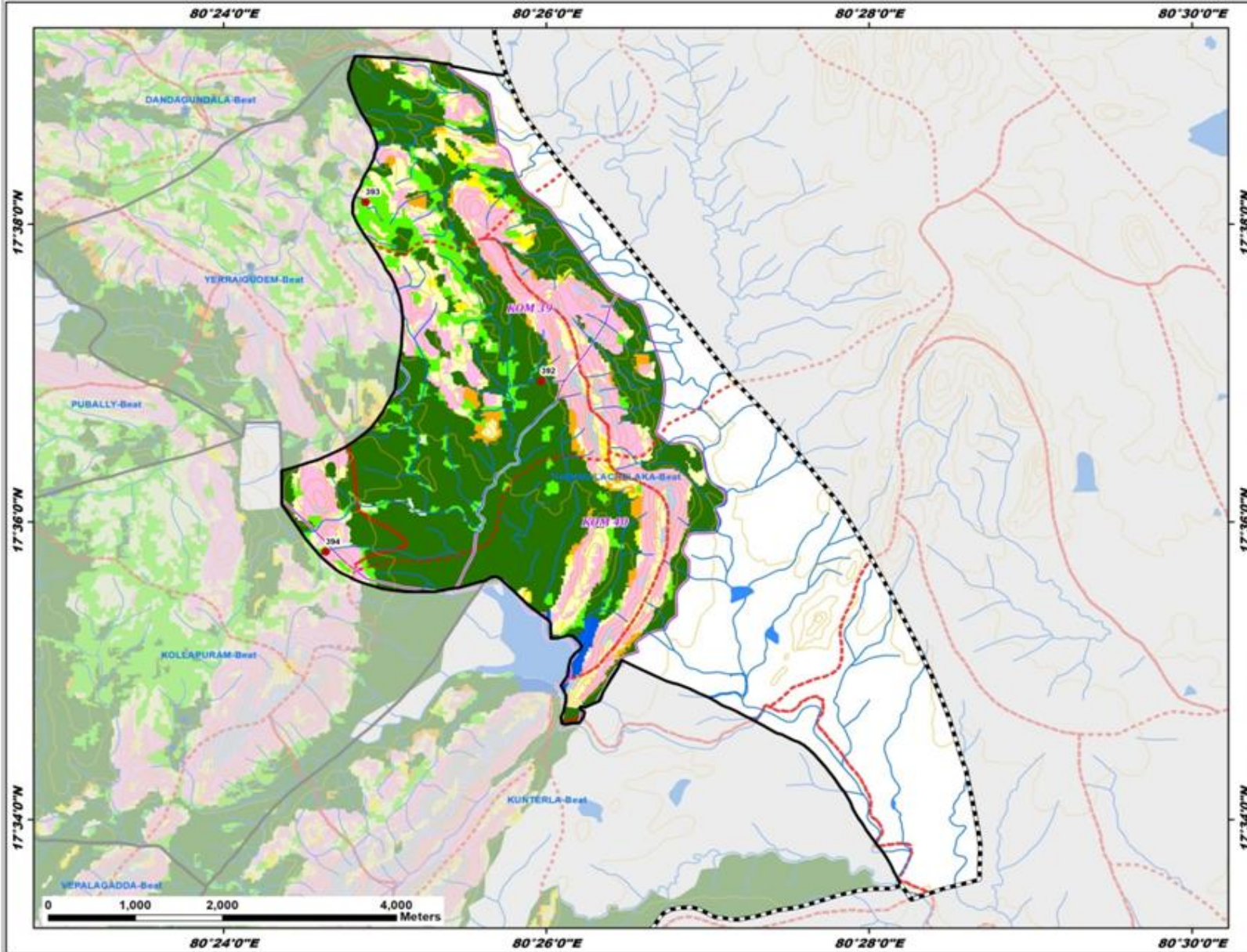
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPts - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Thummalachelaka Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
392	17.615774	80.432809	8.54	I
393	17.635802	80.414695	4.72	II
394	17.596672	80.410574	32.86	III

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

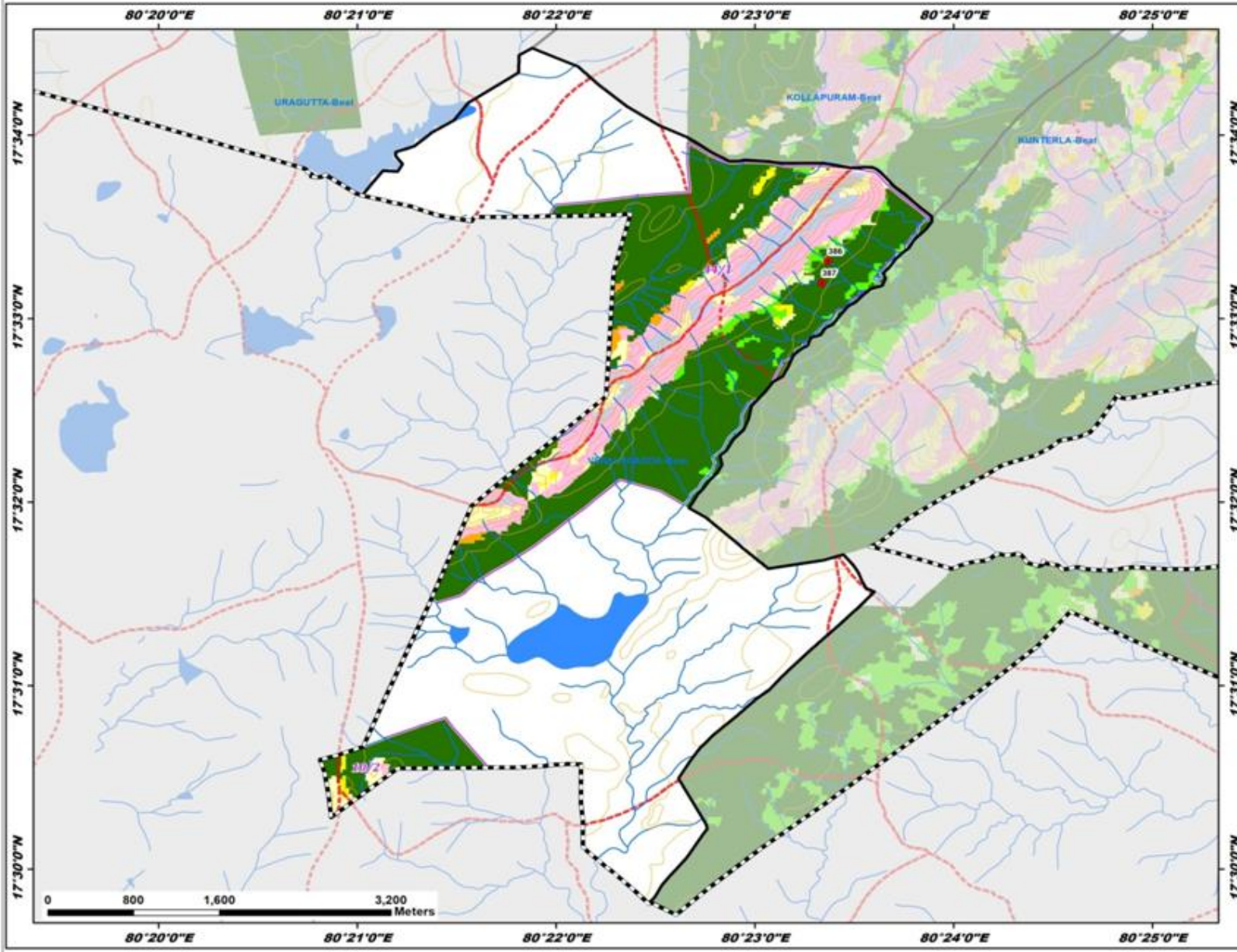
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Vepalagadda Beat



Division : Yellandu
Range : Yellandu



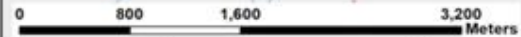
ID	Latitude	Longitude	Catchment Area_Ha	Priority
386	17.555214	80.389464	13.44	I
387	17.553226	80.388967	9.62	I

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

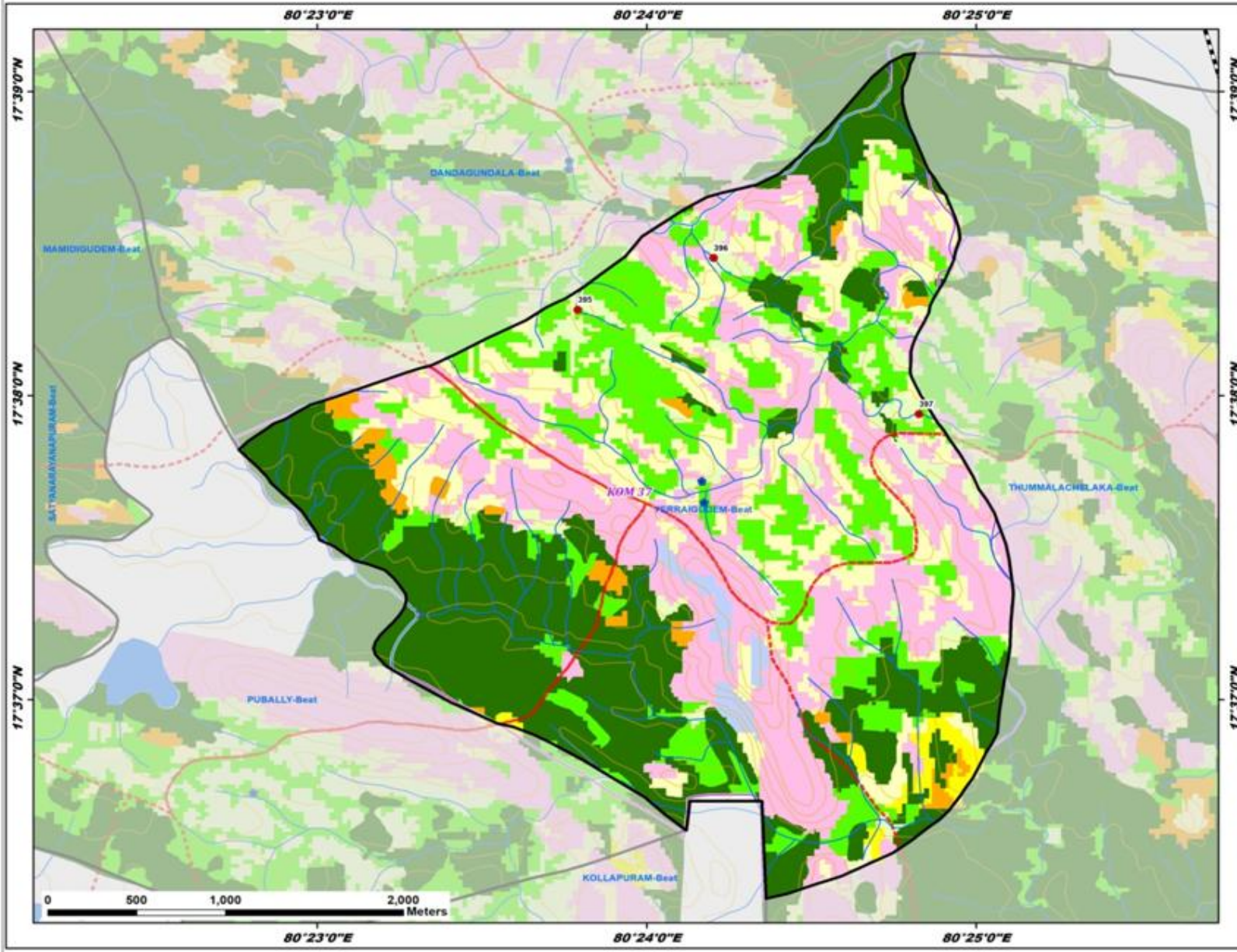
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- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Yerraigudem Beat



Division : Yellandu
Range : Yellandu



ID	Latitude	Longitude	Catchment Area_Ha	Priority
395	17.638038	80.396516	7.40	II
396	17.640876	80.403390	7.32	IV
397	17.632324	80.413785	17.49	IV

Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

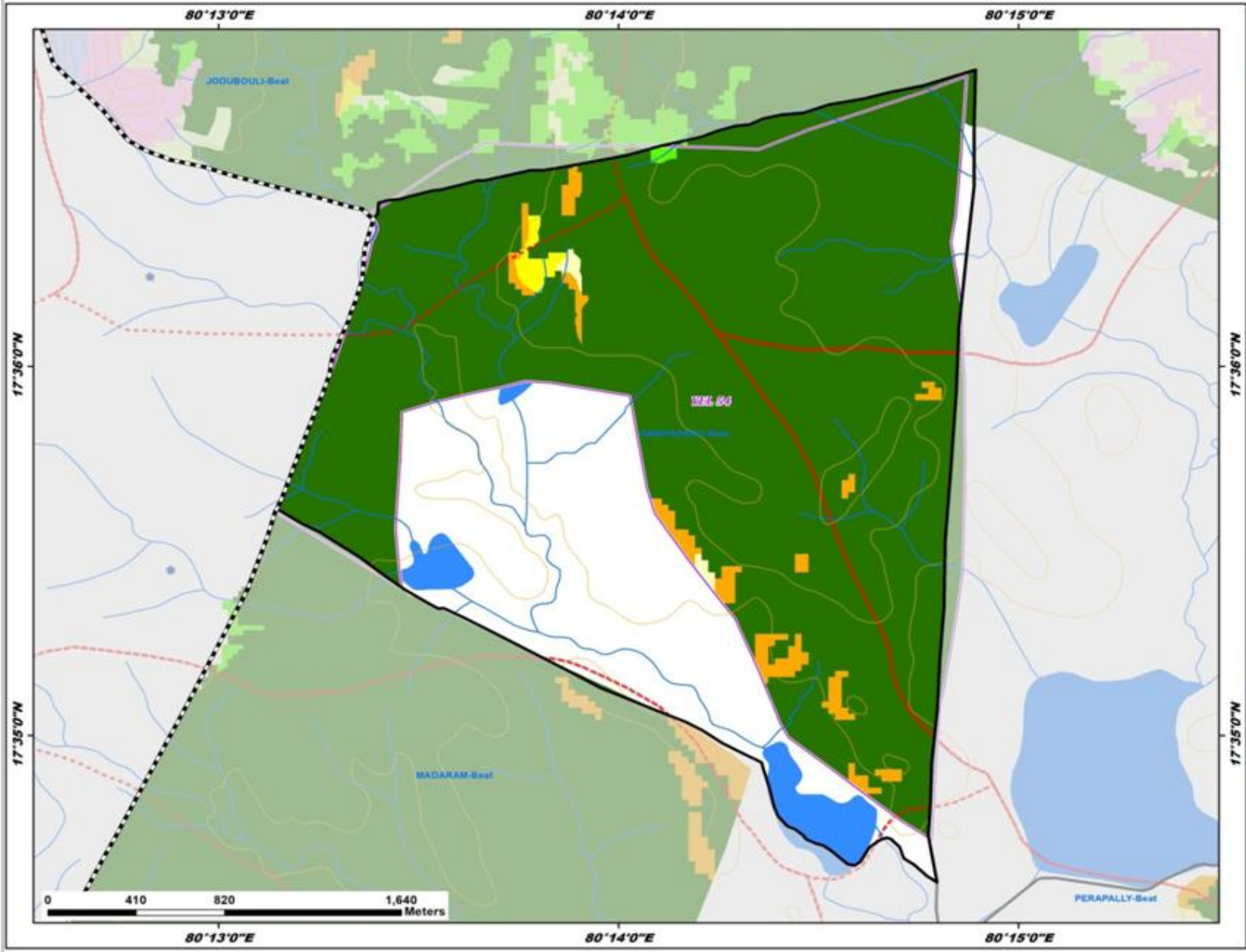
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Daniyapadu Beat



Division : Yellandu
Range : Yellandu

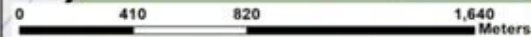


Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



80°13'0"E 80°14'0"E 80°15'0"E

17°36'0"N

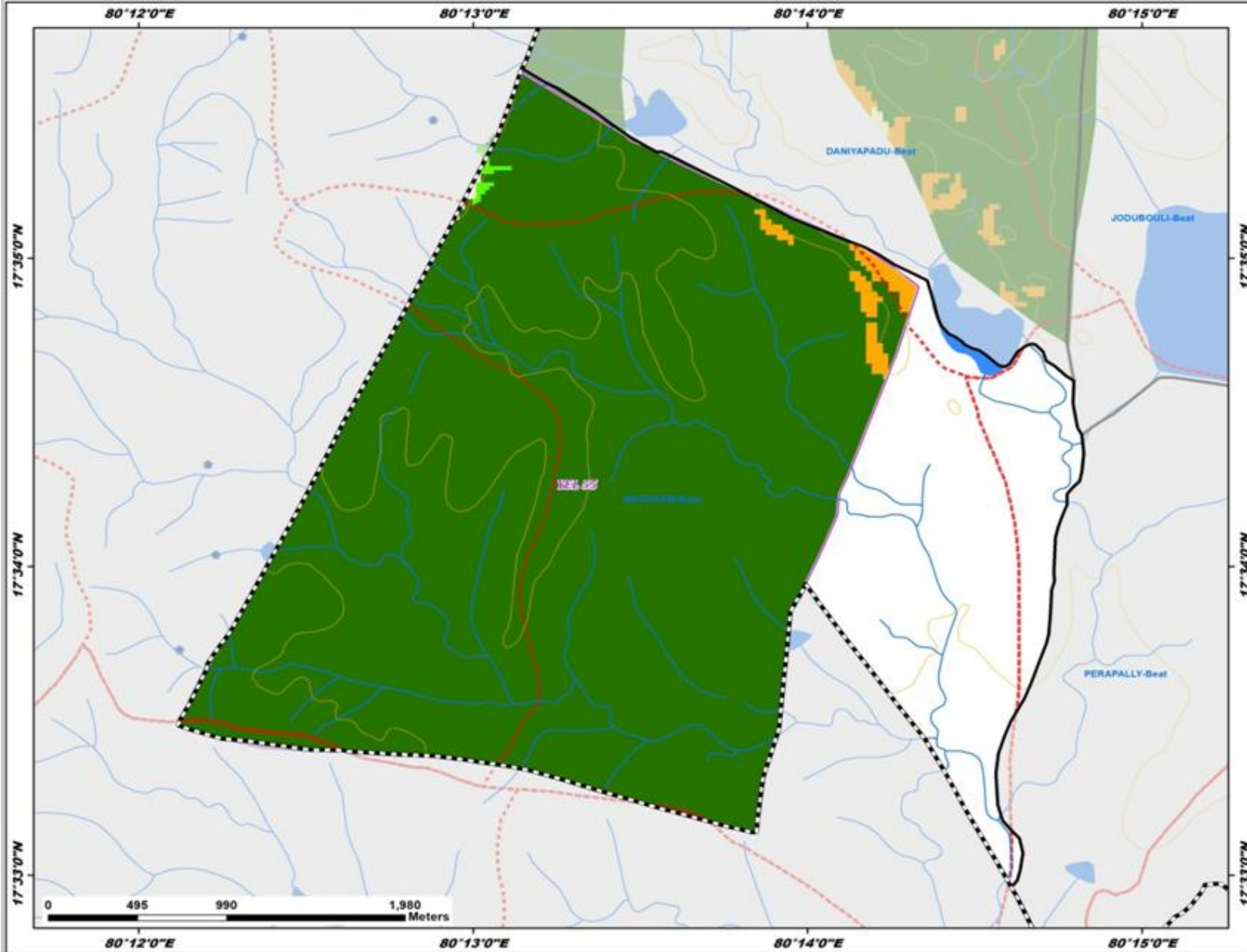
17°35'0"N

80°13'0"E 80°14'0"E 80°15'0"E

Map Showing Suitability index for Construction of SMC Works of Madaram Beat



Division : Yellandu
Range : Yellandu



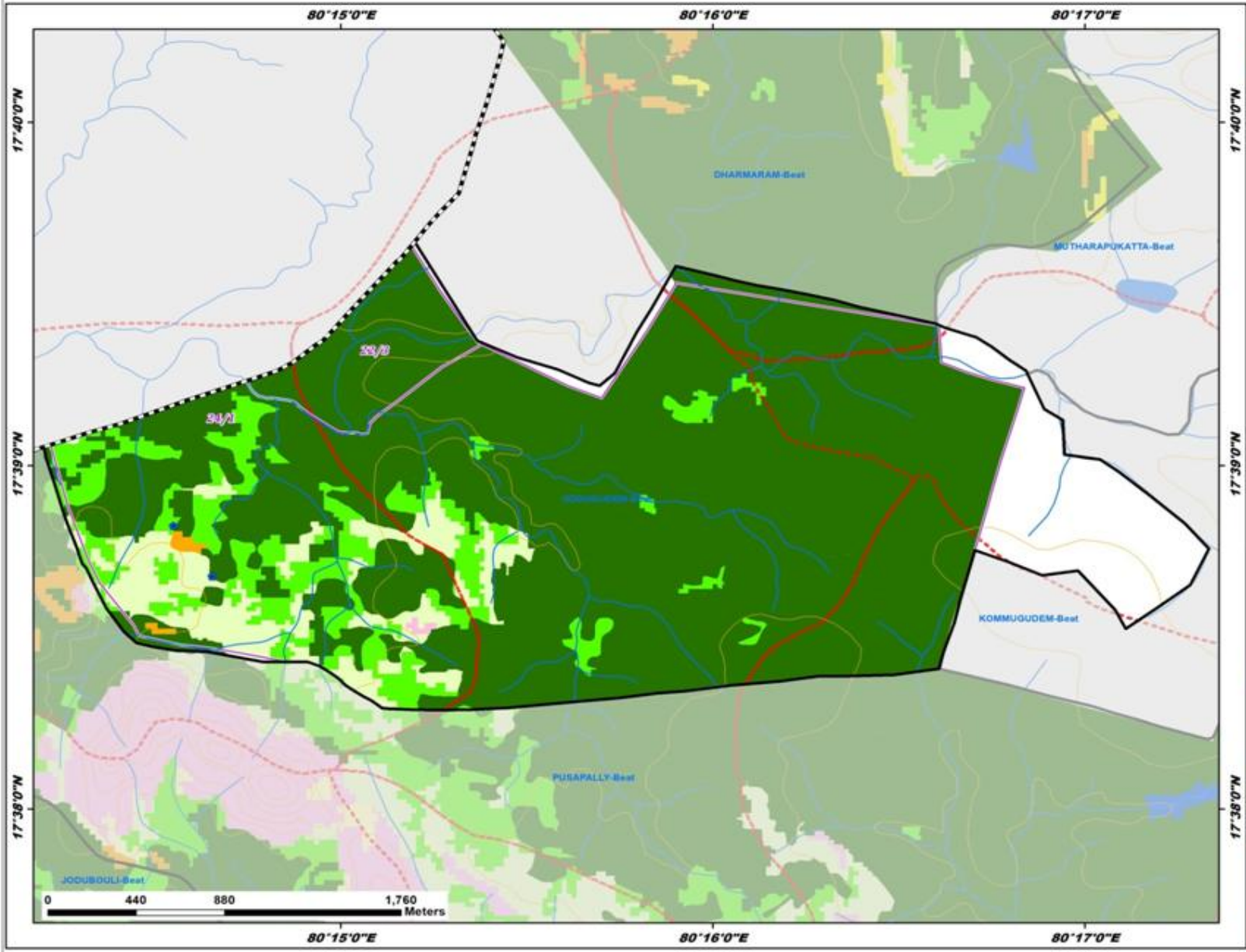
Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP's - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Oddugudem Beat



Division : Yellandu
Range : Yellandu

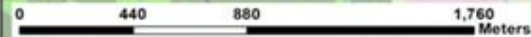


Legend

- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

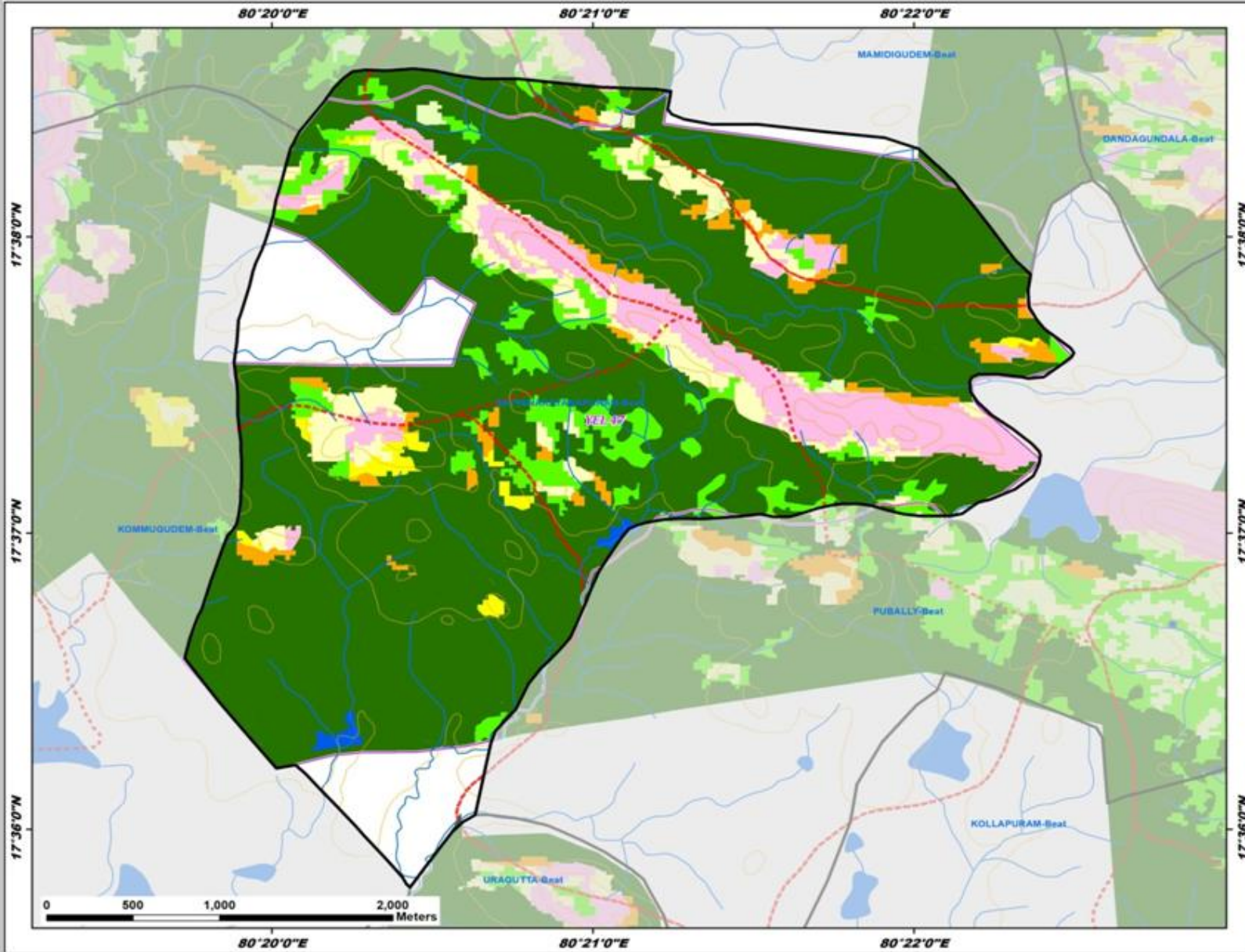
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Satyanarayanapuram Beat



Division : Yellandu
Range : Yellandu



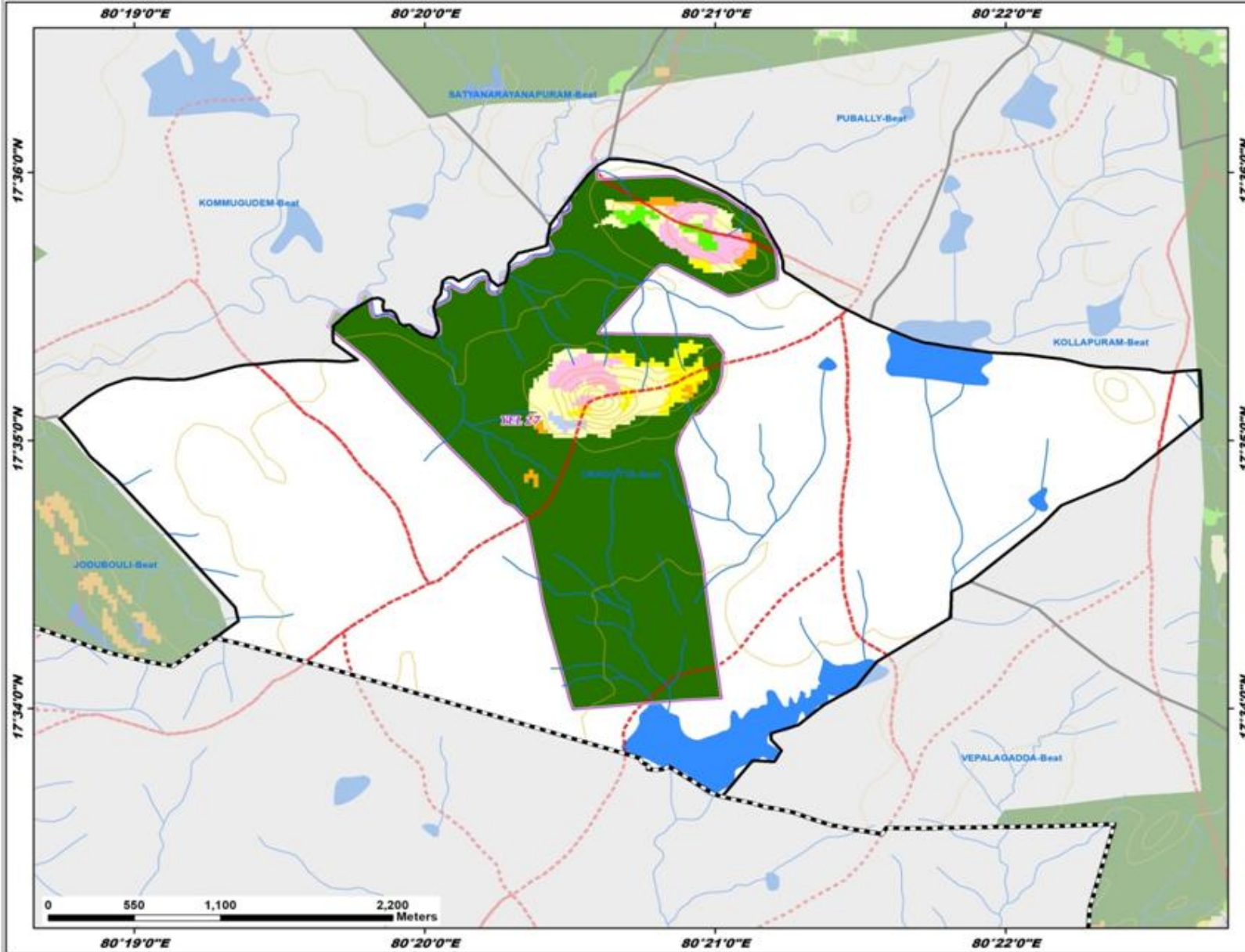
Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Uragutta Beat



Division : Yellandu
Range : Yellandu



Legend

- Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGP - Suitable
 - Not Suitable
 - Water Body

