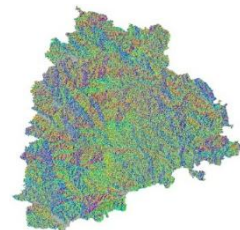
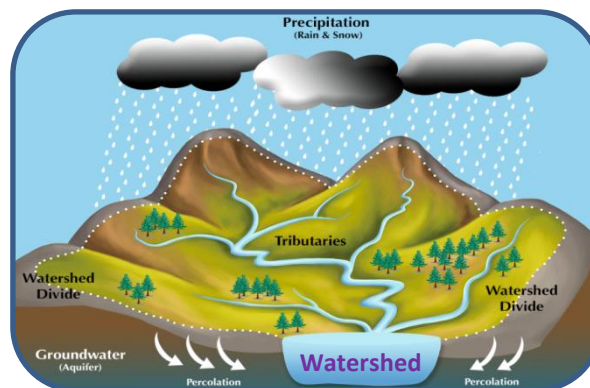


# Government of Telangana – Forest Department



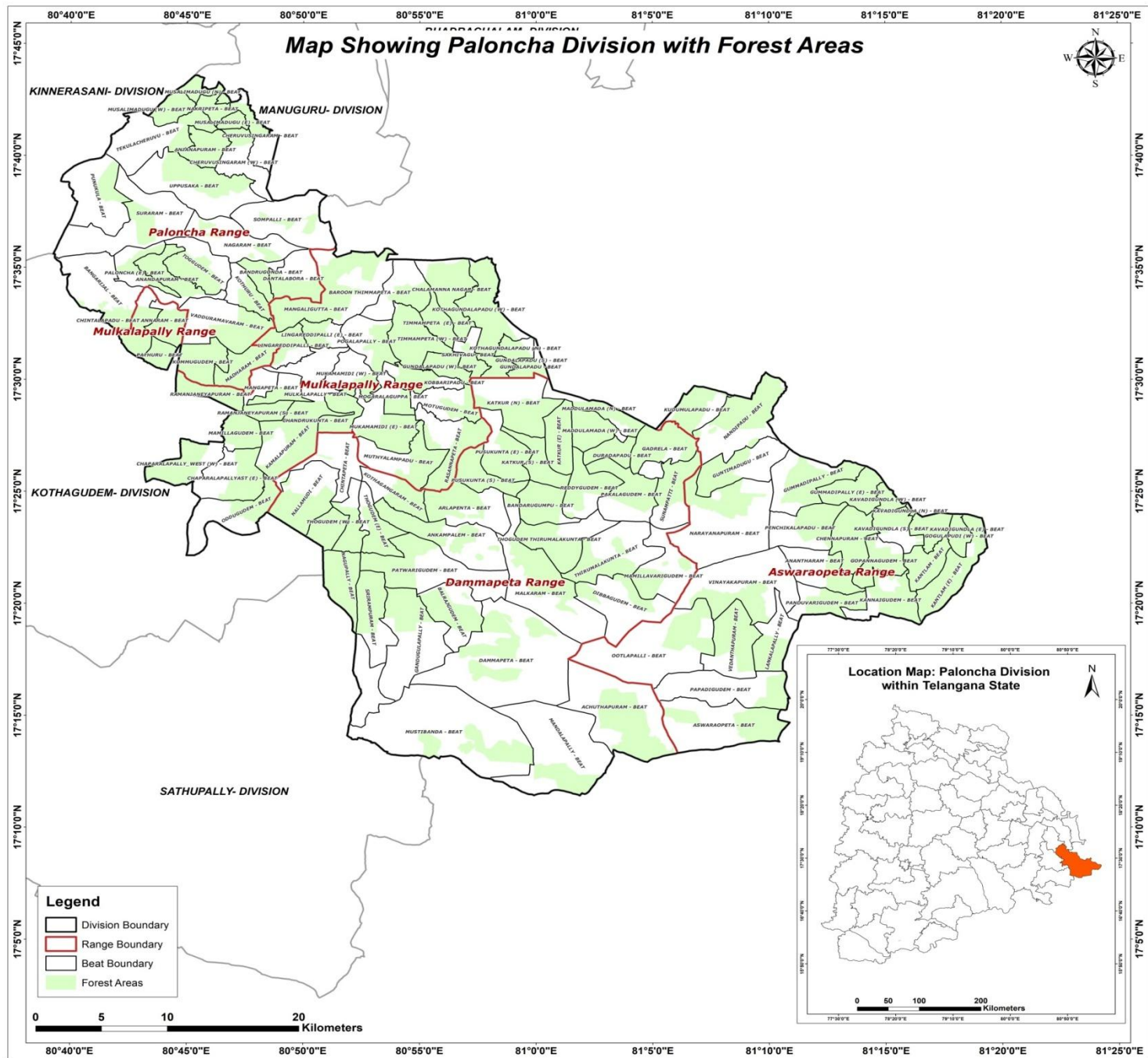
## SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS



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

**Circle: Bhadradri**  
**District: Bhadradri Kothagudem**  
**Division: Paloncha**

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



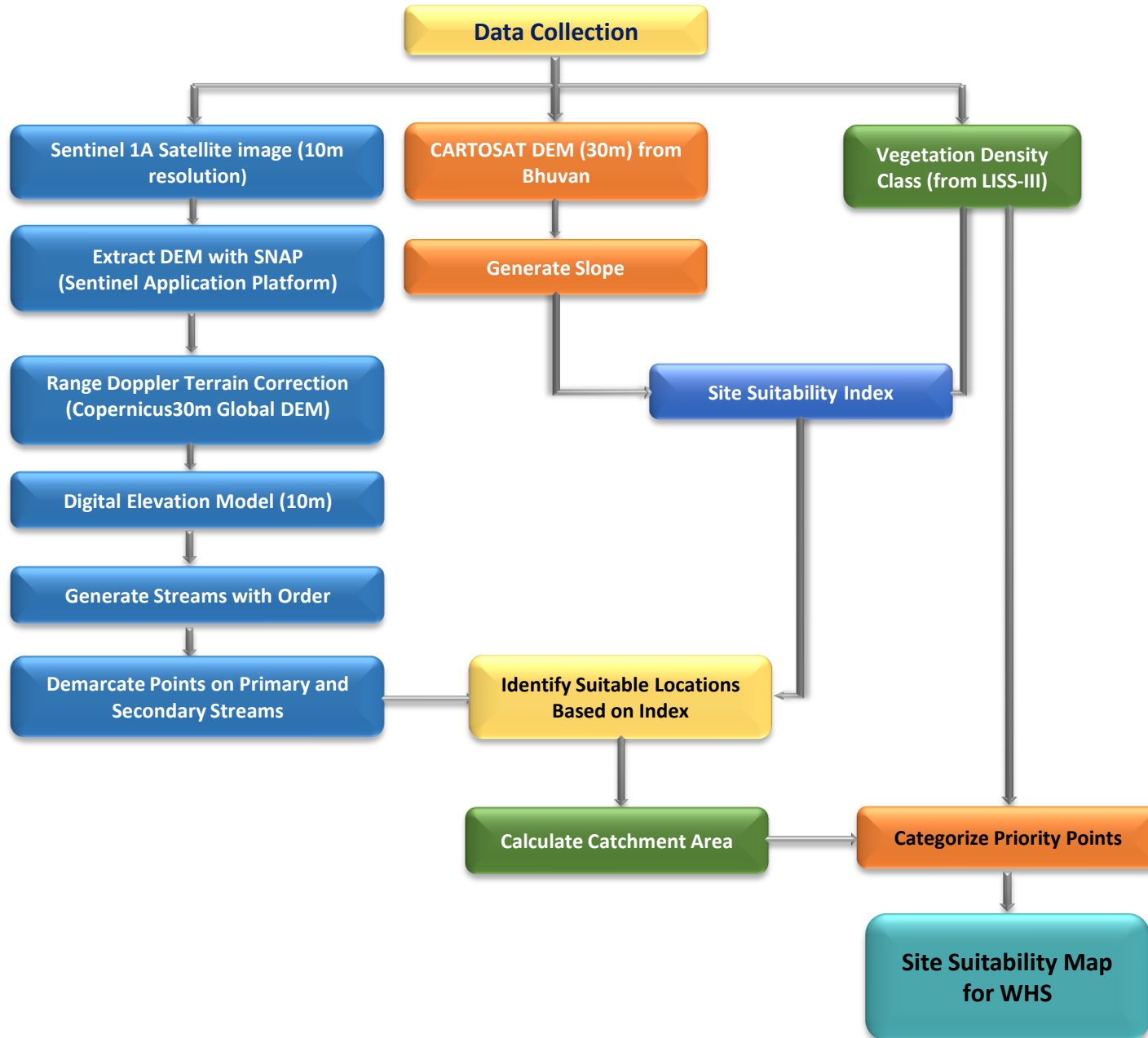
## METHODOLOGY

**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.



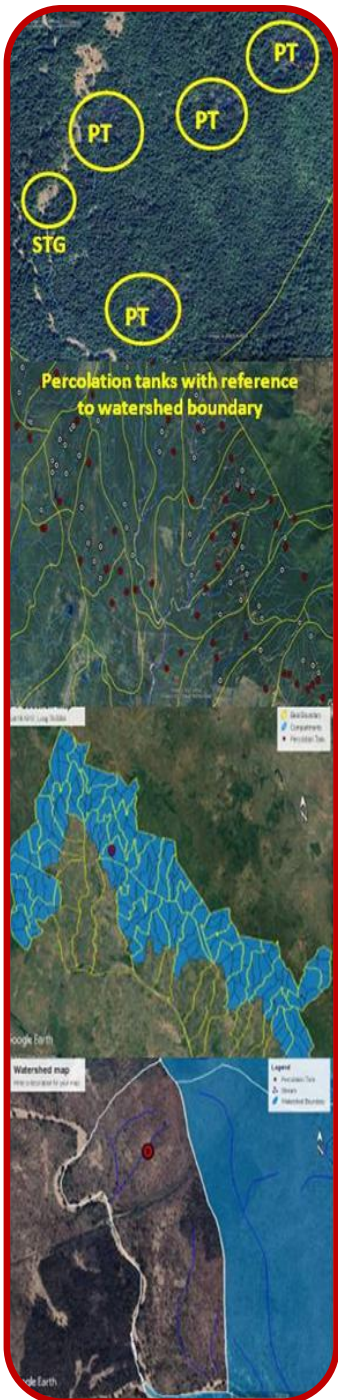
## Suitability criteria for Check-Dams and Percolation Tanks ( SITE SUITABILITY INDEX)

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





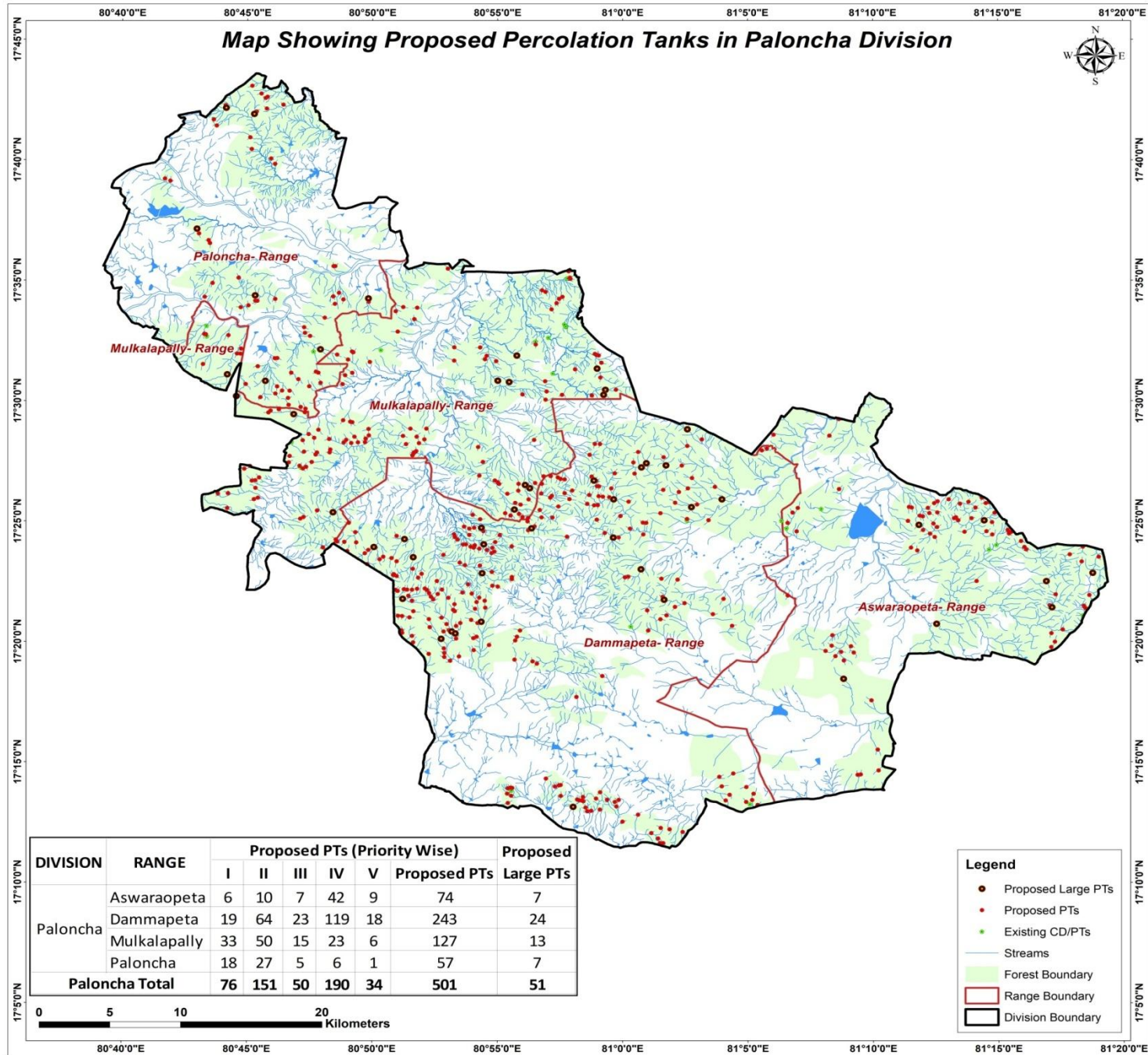
## PRIORITY CLASSES FOR PERCOLATION TANK

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





# Map Showing Proposed Percolation Tanks in Paloncha Division

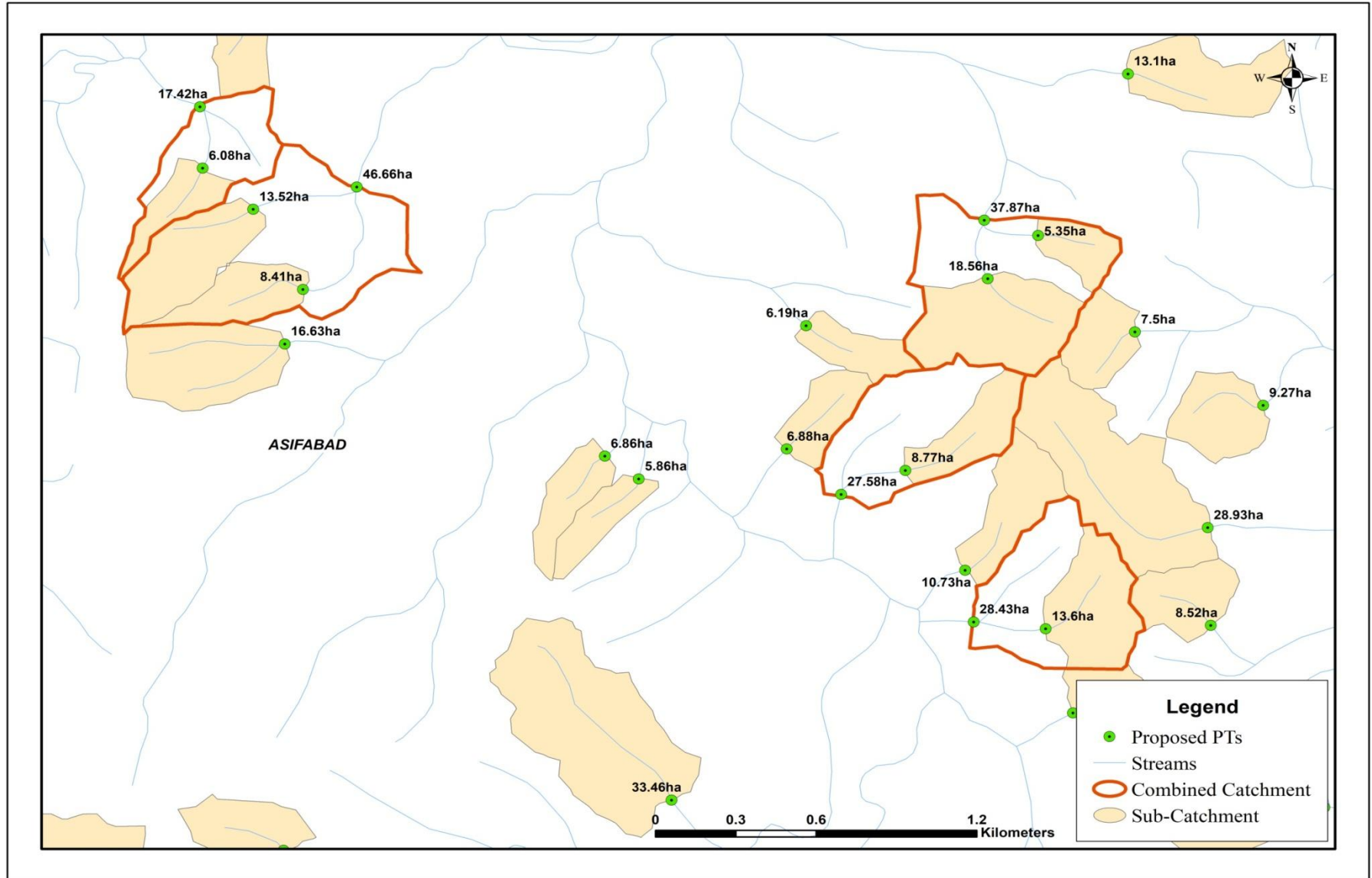


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Paloncha	Aswaraopeta	6	10	7	42	9	74	7
	Dammapeta	19	64	23	119	18	243	24
	Mulkalapally	33	50	15	23	6	127	13
	Paloncha	18	27	5	6	1	57	7
<b>Paloncha Total</b>		<b>76</b>	<b>151</b>	<b>50</b>	<b>190</b>	<b>34</b>	<b>501</b>	<b>51</b>

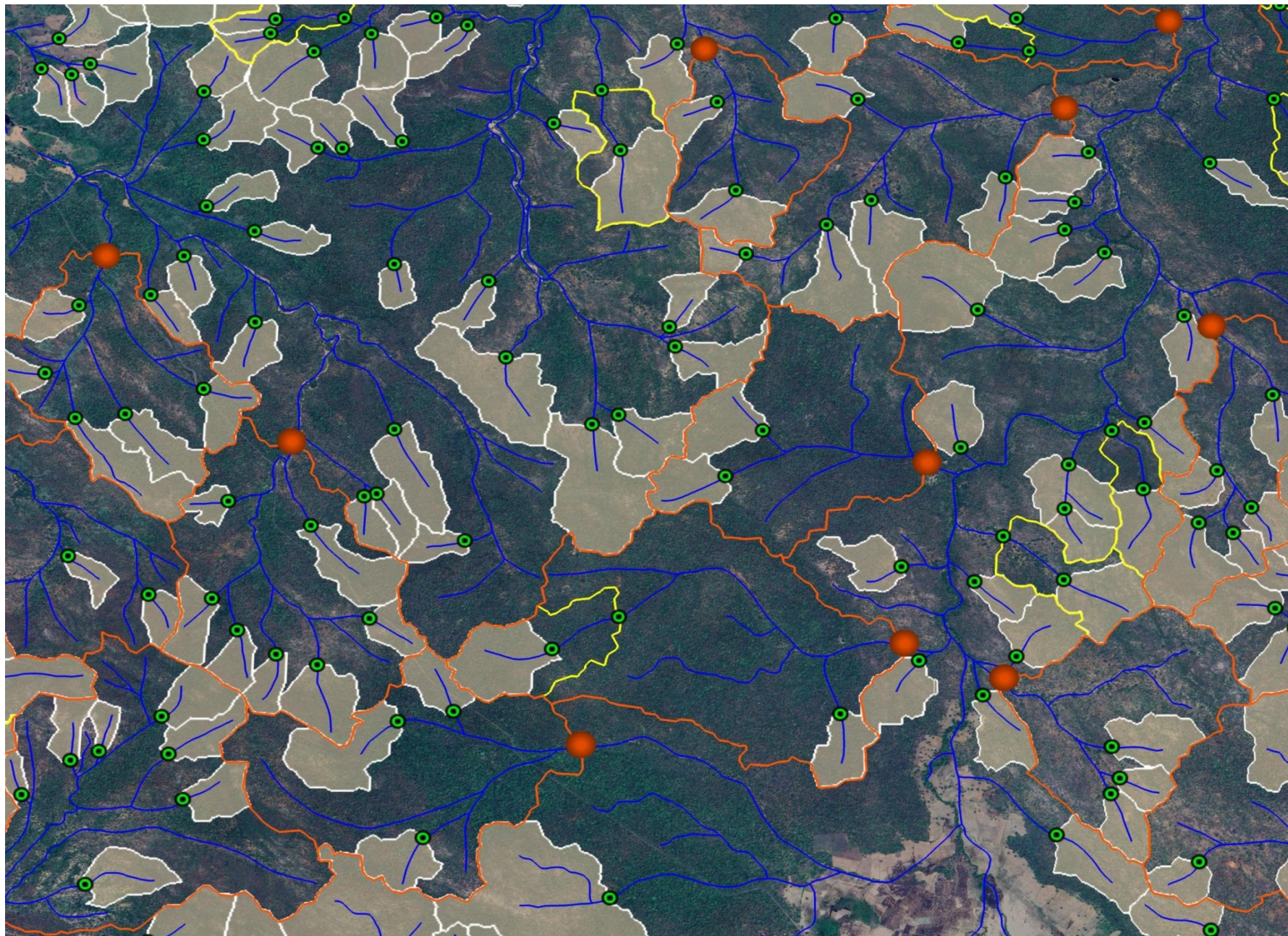
- Legend**
- Proposed Large PTs
  - Proposed PTs
  - Existing CD/PTs
  - Streams
  - Forest Boundary
  - Range Boundary
  - Division Boundary



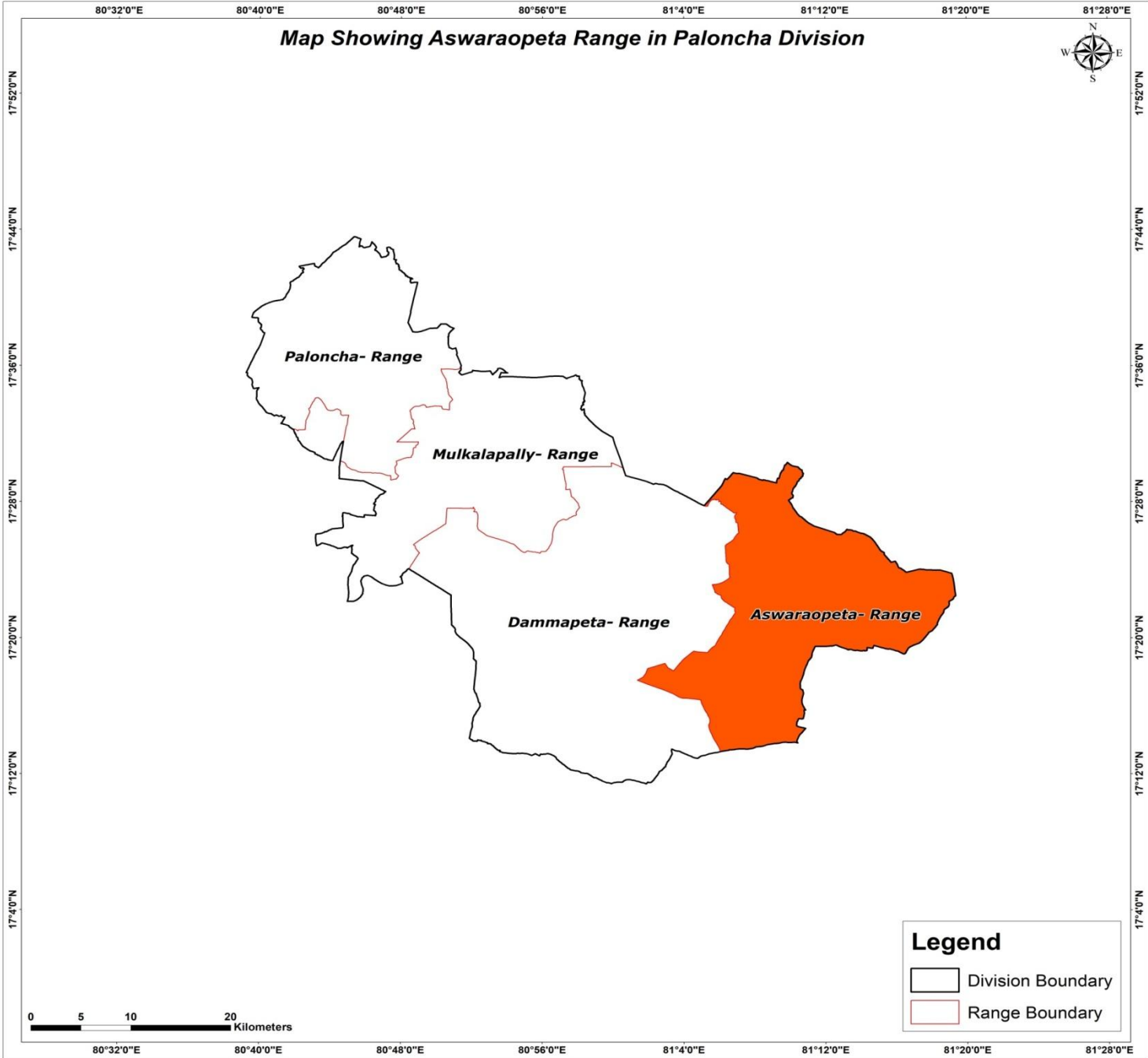
# CATCHMENT AREA



# Sample Catchment Map



# Map Showing Aswaraopeta Range in Paloncha Division



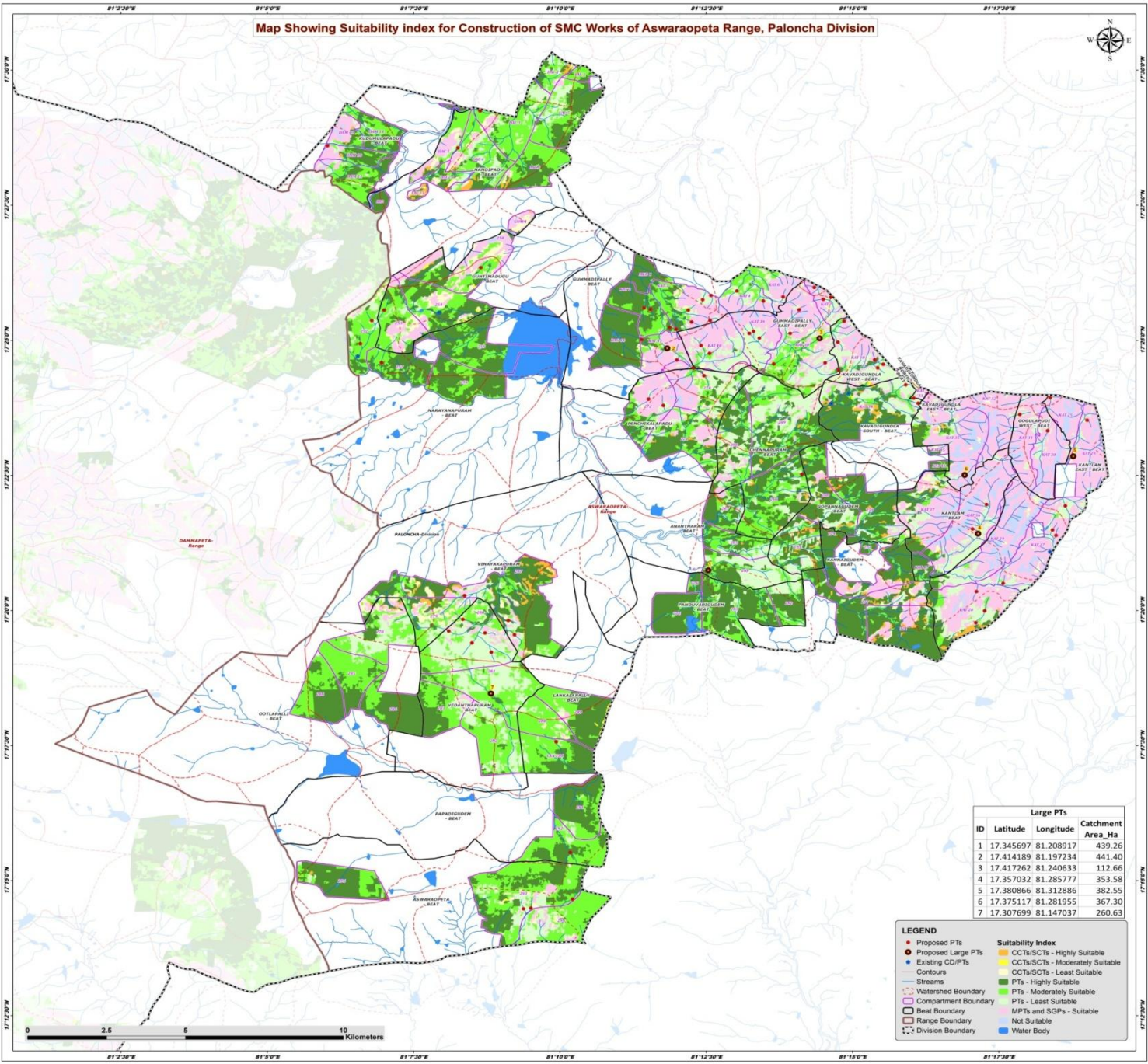
17°52'0"N  
17°44'0"N  
17°36'0"N  
17°28'0"N  
17°20'0"N  
17°12'0"N  
17°4'0"N

17°52'0"N  
17°44'0"N  
17°36'0"N  
17°28'0"N  
17°20'0"N  
17°12'0"N  
17°4'0"N

80°32'0"E 80°40'0"E 80°48'0"E 80°56'0"E 81°4'0"E 81°12'0"E 81°20'0"E 81°28'0"E

80°32'0"E 80°40'0"E 80°48'0"E 80°56'0"E 81°4'0"E 81°12'0"E 81°20'0"E 81°28'0"E

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



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
1	17.345697	81.208917	439.26
2	17.414189	81.197234	441.40
3	17.417262	81.240633	112.66
4	17.357032	81.285777	353.58
5	17.380866	81.312886	382.55
6	17.375117	81.281955	367.30
7	17.307699	81.147037	260.63

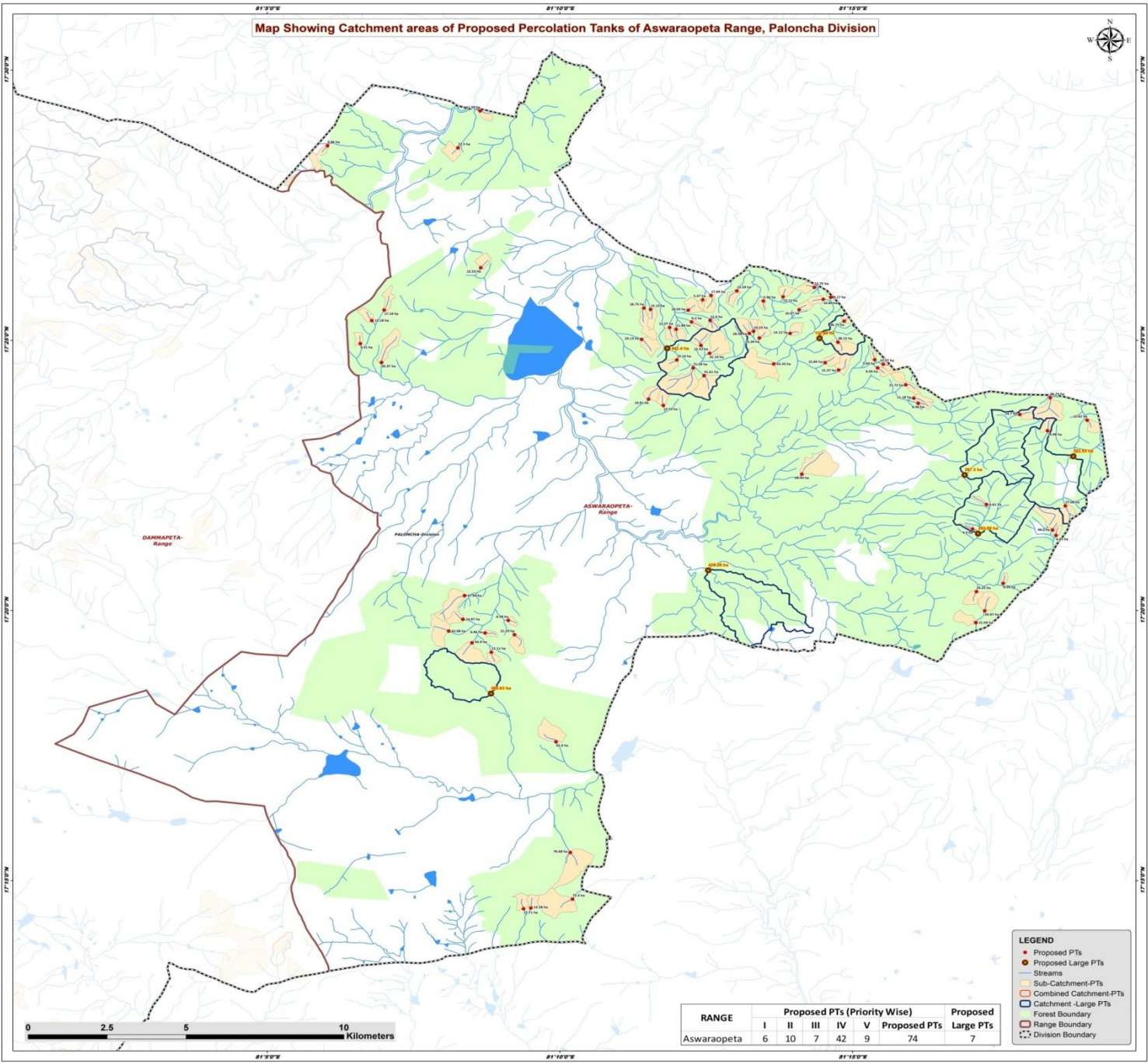
**LEGEND**

- 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

Map Showing Catchment areas of Proposed Percolation Tanks of Aswaraopeta Range, Paloncha Division



0 2.5 5 10 Kilometers

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Aswaraopeta	6	10	7	42	9	74
						7

- 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 – Aswaraopeta Range

S. No.	Beat	Proposed PT's
1	ASWARAOPETA	3
2	CHENNAPURAM	1
3	GOGULAPUDI WEST	2
4	GUMMADIPALLY	15
5	GUMMADIPALLY EAST	13
6	GUNTIMADUGU	2
7	KANTLAM	2
8	KANTLAM EAST	9
9	KAVADIGUNDLA SOUTH	3
10	KAVADIGUNDLA WEST	5
11	KUDUMULAPADU	1
12	LANKALAPALLY	1
13	NANDIPADU	2
14	NARAYANAPURAM	3
15	PAPADIGUDEM	1
16	PENCHIKALAPADU	3
17	VEDANTHAPURAM	5
18	VINAYAKAPURAM	3
	<b>Total</b>	<b>74</b>

## List of Proposed PTs – Aswaraopeta Range

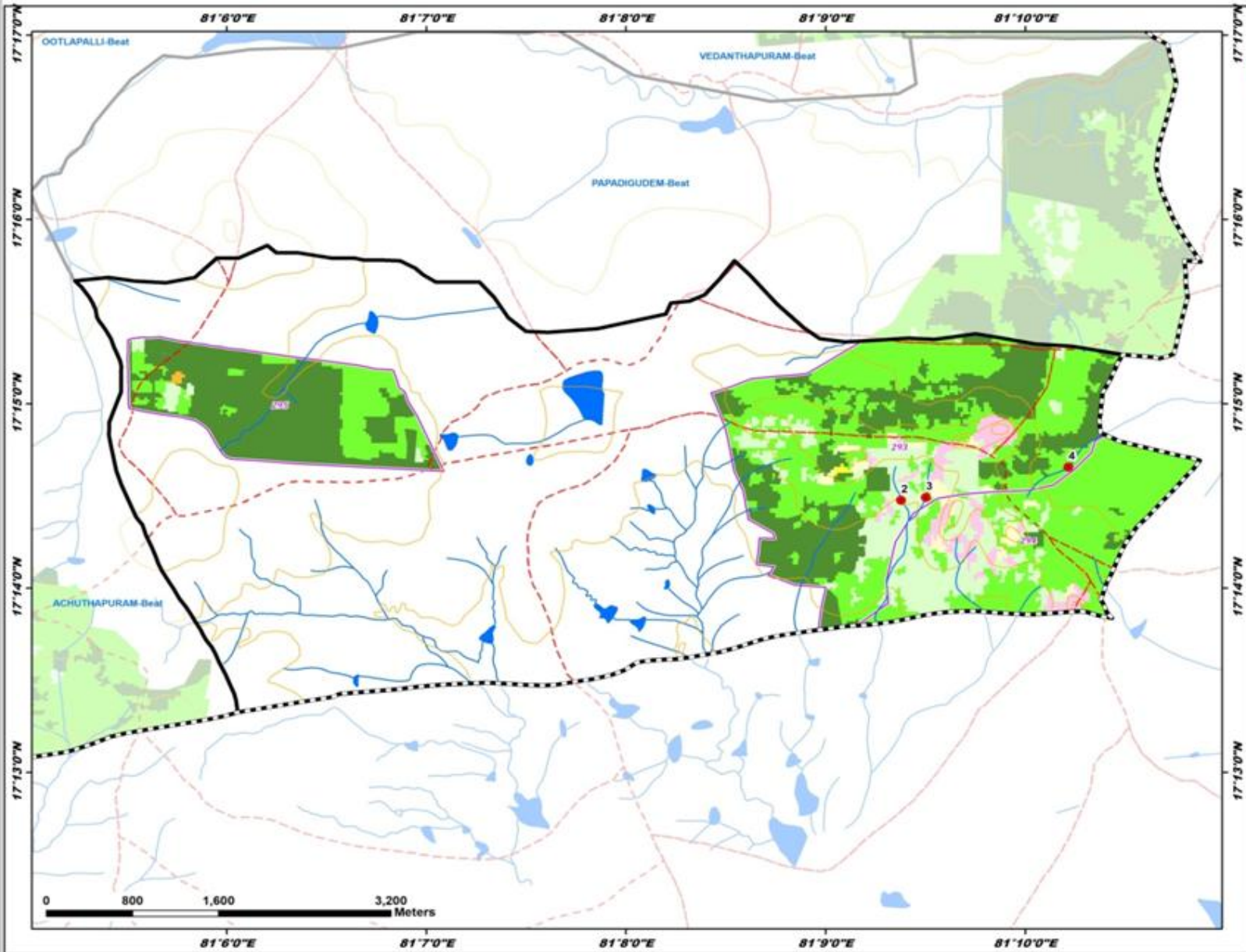
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	17.375349	81.235587	69.44	III	CHENNAPURAM
2	17.241284	81.156318	17.71	IV	ASWARAOPETA
3	17.241540	81.158385	13.28	IV	ASWARAOPETA
4	17.244289	81.170281	73.30	IV	ASWARAOPETA
5	17.292811	81.165567	42.40	V	LANKALAPALLY
6	17.258696	81.169642	74.68	III	PAPADIGUEM
7	17.420086	81.199777	11.88	I	GUMMADIPALLY
8	17.426185	81.192506	15.15	I	GUMMADIPALLY
9	17.420616	81.197927	12.07	I	GUMMADIPALLY
10	17.416950	81.189953	24.13	I	GUMMADIPALLY
11	17.426626	81.190603	26.75	III	GUMMADIPALLY
12	17.422335	81.204183	6.20	IV	GUMMADIPALLY
13	17.422785	81.209477	12.40	IV	GUMMADIPALLY
14	17.428791	81.224648	5.94	IV	GUMMADIPALLY
15	17.410608	81.199969	19.14	IV	GUMMADIPALLY
16	17.430077	81.230251	13.12	IV	GUMMADIPALLY
17	17.429192	81.207334	5.47	IV	GUMMADIPALLY
18	17.425955	81.203221	18.03	IV	GUMMADIPALLY
19	17.408135	81.204640	71.28	IV	GUMMADIPALLY
20	17.430492	81.209715	17.04	IV	GUMMADIPALLY
21	17.431901	81.217075	13.59	IV	GUMMADIPALLY
22	17.407491	81.246038	21.47	II	GUMMADIPALLY (E)
23	17.412645	81.209301	41.19	III	GUMMADIPALLY (E)
24	17.432992	81.239140	13.75	IV	GUMMADIPALLY (E)
25	17.409382	81.227599	63.33	IV	GUMMADIPALLY (E)
26	17.417375	81.223474	15.26	IV	GUMMADIPALLY (E)
27	17.419436	81.221841	10.23	IV	GUMMADIPALLY (E)
28	17.429298	81.241704	10.89	IV	GUMMADIPALLY (E)
29	17.418793	81.232266	14.12	IV	GUMMADIPALLY (E)
30	17.426090	81.234818	10.07	IV	GUMMADIPALLY (E)
31	17.418784	81.220659	18.38	IV	GUMMADIPALLY (E)
32	17.409754	81.242224	15.84	IV	GUMMADIPALLY (E)
33	17.415067	81.206846	22.41	IV	GUMMADIPALLY (E)
34	17.429956	81.243815	9.17	IV	GUMMADIPALLY (E)
35	17.476655	81.100482	6.86	II	KUDUMULAPADU
36	17.487426	81.143953	11.59	II	NANDIPADU
37	17.476029	81.137648	22.50	II	NANDIPADU
38	17.388760	81.305560	14.98	IV	GOGULAPUDI (W)
39	17.393749	81.297641	14.70	IV	GOGULAPUDI (W)
40	17.366005	81.288182	6.61	IV	KANTLAM

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
41	17.358461	81.284219	4.90	IV	KANTLAM
42	17.392027	81.316840	15.62	IV	KANTLAM EAST
43	17.329559	81.285169	21.03	IV	KANTLAM EAST
44	17.339154	81.285299	20.25	IV	KANTLAM EAST
45	17.356491	81.307957	6.43	IV	KANTLAM EAST
46	17.341692	81.292910	6.38	IV	KANTLAM EAST
47	17.365586	81.310612	27.08	V	KANTLAM EAST
48	17.398945	81.306281	46.73	V	KANTLAM EAST
49	17.333214	81.287651	29.97	V	KANTLAM EAST
50	17.358147	81.306951	44.20	V	KANTLAM EAST
51	17.398810	81.267469	11.18	II	KAVADIGUNDLA SOUTH
52	17.402924	81.265189	21.72	IV	KAVADIGUNDLA SOUTH
53	17.397217	81.268700	6.36	IV	KAVADIGUNDLA SOUTH
54	17.410662	81.256354	5.44	I	KAVADIGUNDLA WEST
55	17.408165	81.257161	9.59	II	KAVADIGUNDLA WEST
56	17.422583	81.247621	36.75	III	KAVADIGUNDLA WEST
57	17.409290	81.258749	22.27	IV	KAVADIGUNDLA WEST
58	17.416075	81.245858	28.15	V	KAVADIGUNDLA WEST
59	17.425982	81.116627	17.19	II	GUNTIMADUGU
60	17.439044	81.144126	15.53	II	GUNTIMADUGU
61	17.415635	81.109844	9.31	II	NARAYANAPURAM
62	17.409796	81.115872	35.97	III	NARAYANAPURAM
63	17.422768	81.113115	13.18	IV	NARAYANAPURAM
64	17.405756	81.207738	41.61	III	PENCHIKALAPADU
65	17.398500	81.191916	19.81	IV	PENCHIKALAPADU
66	17.396569	81.196121	13.53	IV	PENCHIKALAPADU
67	17.330595	81.139050	14.97	II	VEDANTHAPURAM
68	17.326382	81.145371	6.46	IV	VEDANTHAPURAM
69	17.320444	81.147170	12.11	IV	VEDANTHAPURAM
70	17.323338	81.141644	44.90	V	VEDANTHAPURAM
71	17.326966	81.135020	42.08	V	VEDANTHAPURAM
72	17.330270	81.151965	6.58	I	VINAYAKAPURAM
73	17.325836	81.153747	21.25	IV	VINAYAKAPURAM
74	17.337888	81.139543	47.94	V	VINAYAKAPURAM

# Map Showing Suitability Index for Construction of SMC Works of Aswaraopeta Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
2	17.241284	81.156318	17.71	IV
3	17.241540	81.158385	13.28	IV
4	17.244289	81.170281	73.30	IV

**LEGEND**

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

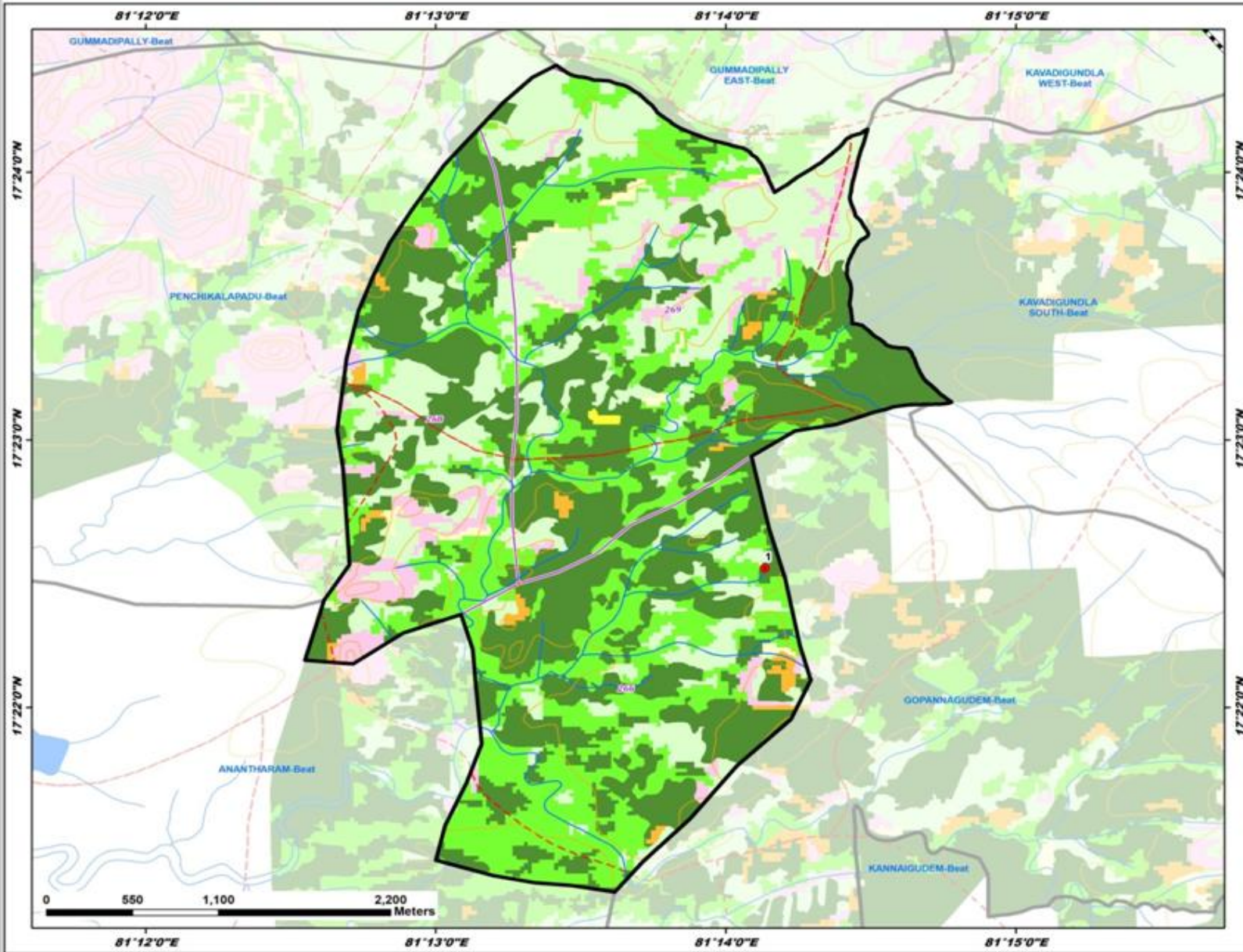
**Suitability Index**

- 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 Chennapuram Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
1	17.375349	81.295587	69.44	III

**LEGEND**

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

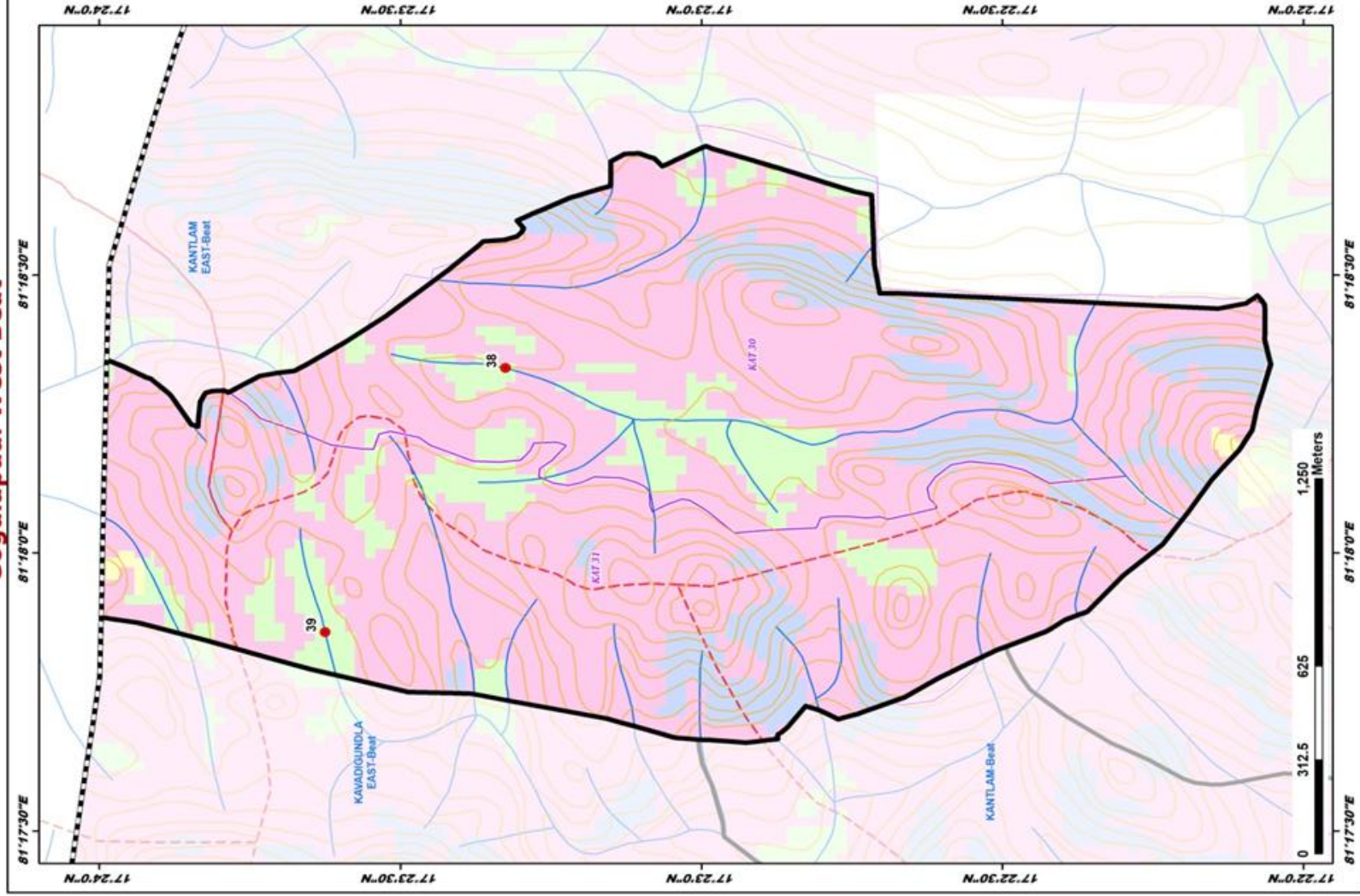
**Suitability Index**

- 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 Gogulapudi West Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
38	17.385760	81.305560	14.98	IV
39	17.393749	81.297641	14.70	IV

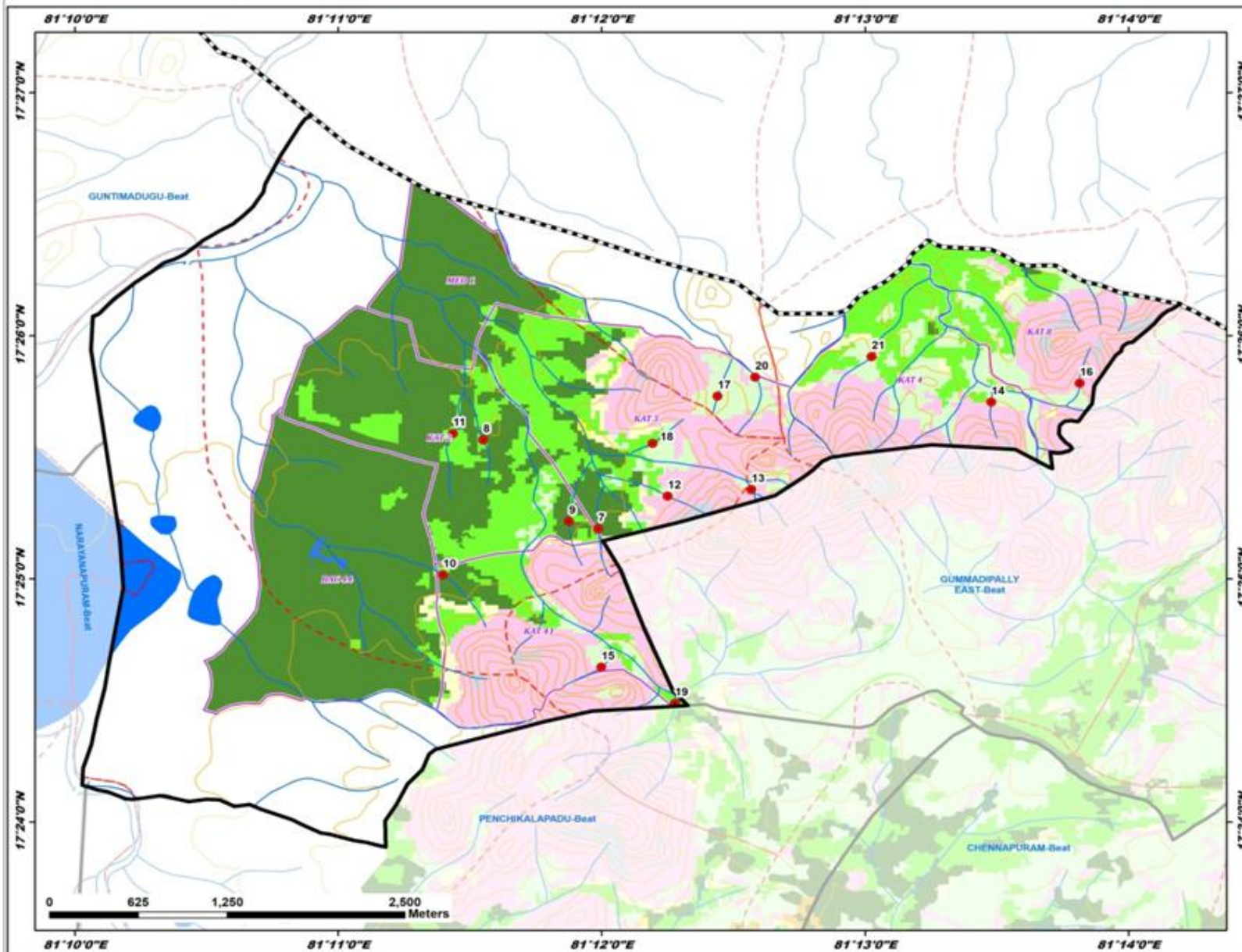
## LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Gummadipally Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
7	17.420086	81.199777	11.88	I
8	17.426185	81.192506	15.15	I
9	17.420616	81.197927	12.07	I
10	17.418950	81.189953	24.13	I
11	17.426626	81.190603	26.75	III
12	17.422335	81.204183	6.20	IV
13	17.422785	81.209477	12.40	IV
14	17.428791	81.224648	5.94	IV
15	17.410608	81.199969	19.14	IV
16	17.430077	81.230251	13.12	IV
17	17.429192	81.207334	5.47	IV
18	17.425955	81.203221	18.03	IV
19	17.408135	81.204640	71.28	IV
20	17.430492	81.209715	17.04	IV
21	17.431901	81.217075	13.59	IV

**LEGEND**

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

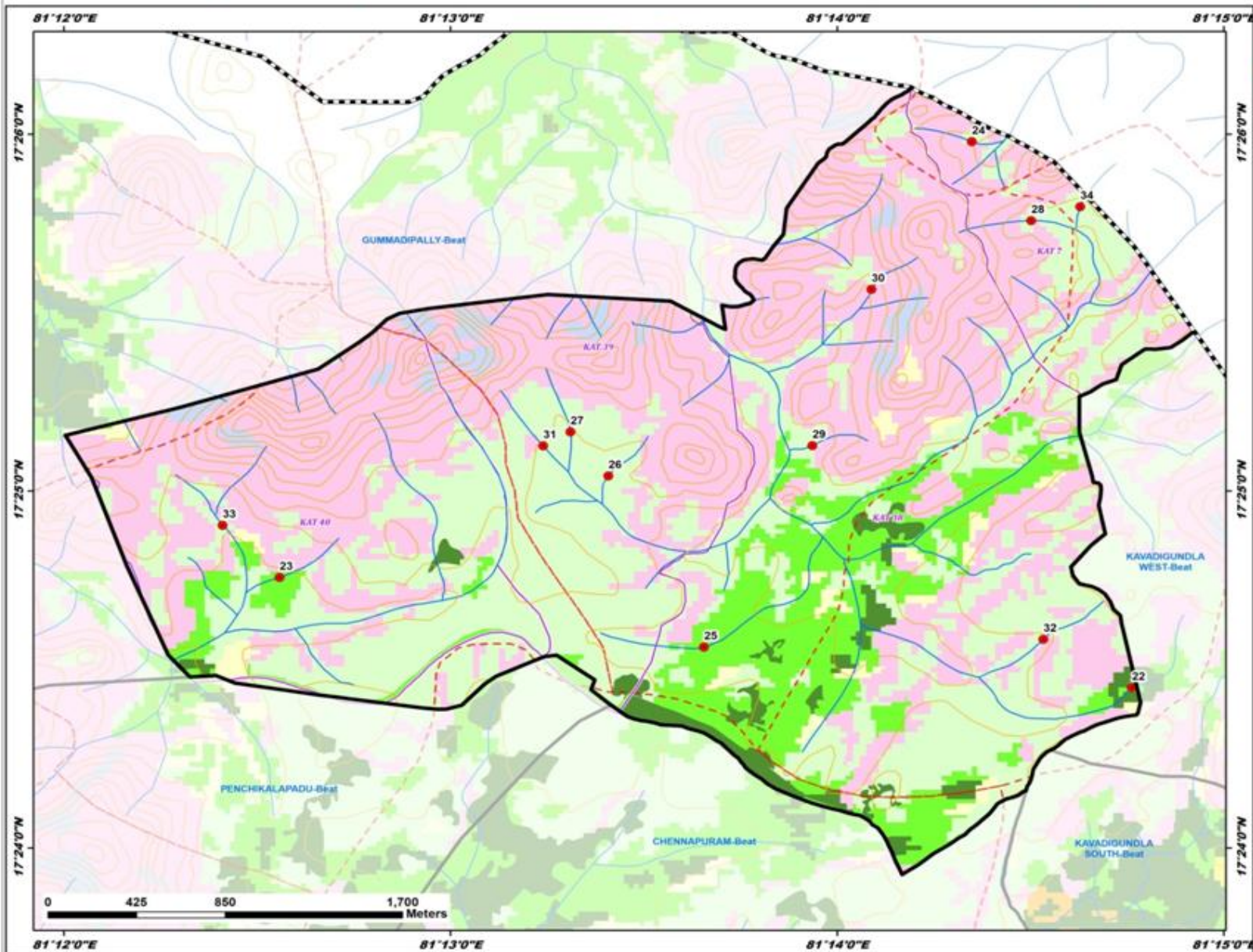
**Suitability Index**

- 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 Gummadipally East Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
22	17.407491	81.246038	21.47	II
23	17.412645	81.209301	41.19	III
24	17.482992	81.258140	13.75	IV
25	17.409382	81.227599	63.33	IV
26	17.417375	81.223474	15.26	IV
27	17.419436	81.221841	10.23	IV
28	17.429298	81.241704	10.89	IV
29	17.418793	81.232266	14.12	IV
30	17.426090	81.234818	10.07	IV
31	17.418784	81.220659	18.38	IV
32	17.409754	81.242224	15.84	IV
33	17.415067	81.206846	22.41	IV
34	17.429956	81.243815	9.17	IV

**LEGEND**

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

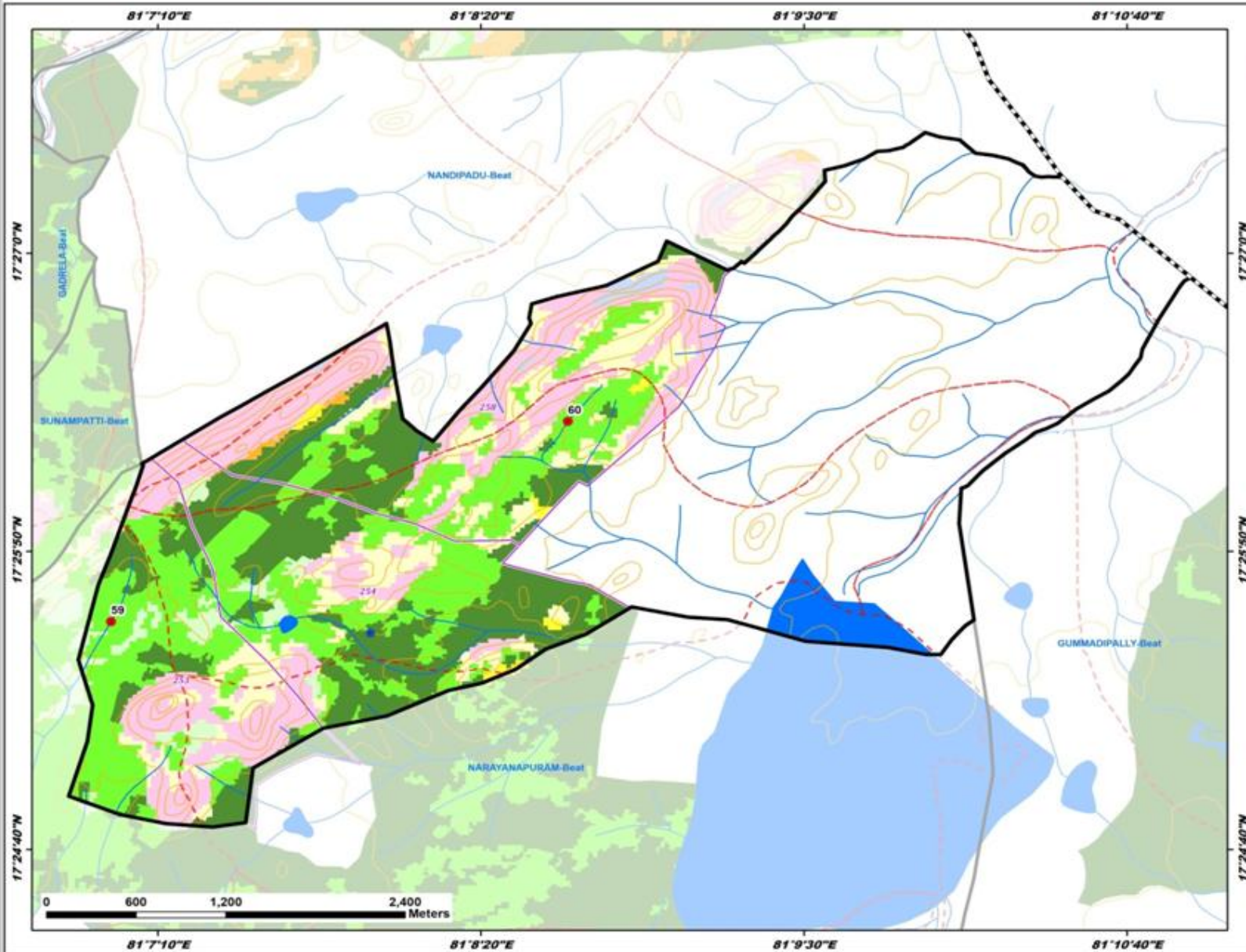
**Suitability Index**

- 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 Guntimadugu Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha.	PRIORITY
59	17.425962	81.116627	17.19	II
60	17.439044	81.144326	15.53	II

**LEGEND**

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

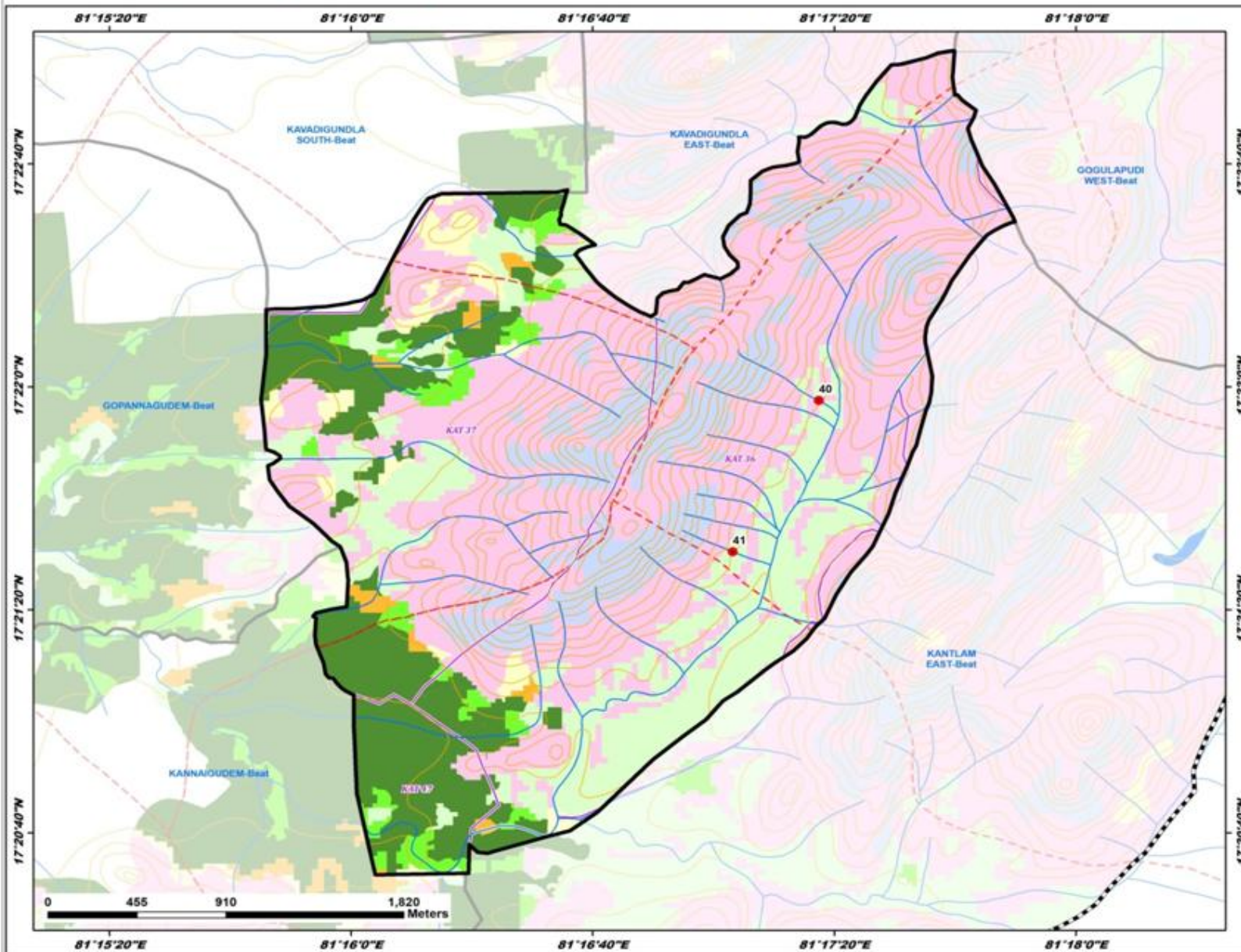
**Suitability Index**

- 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 Kantlam Beat



Division : Paloncha  
Range : Aswaraopeta



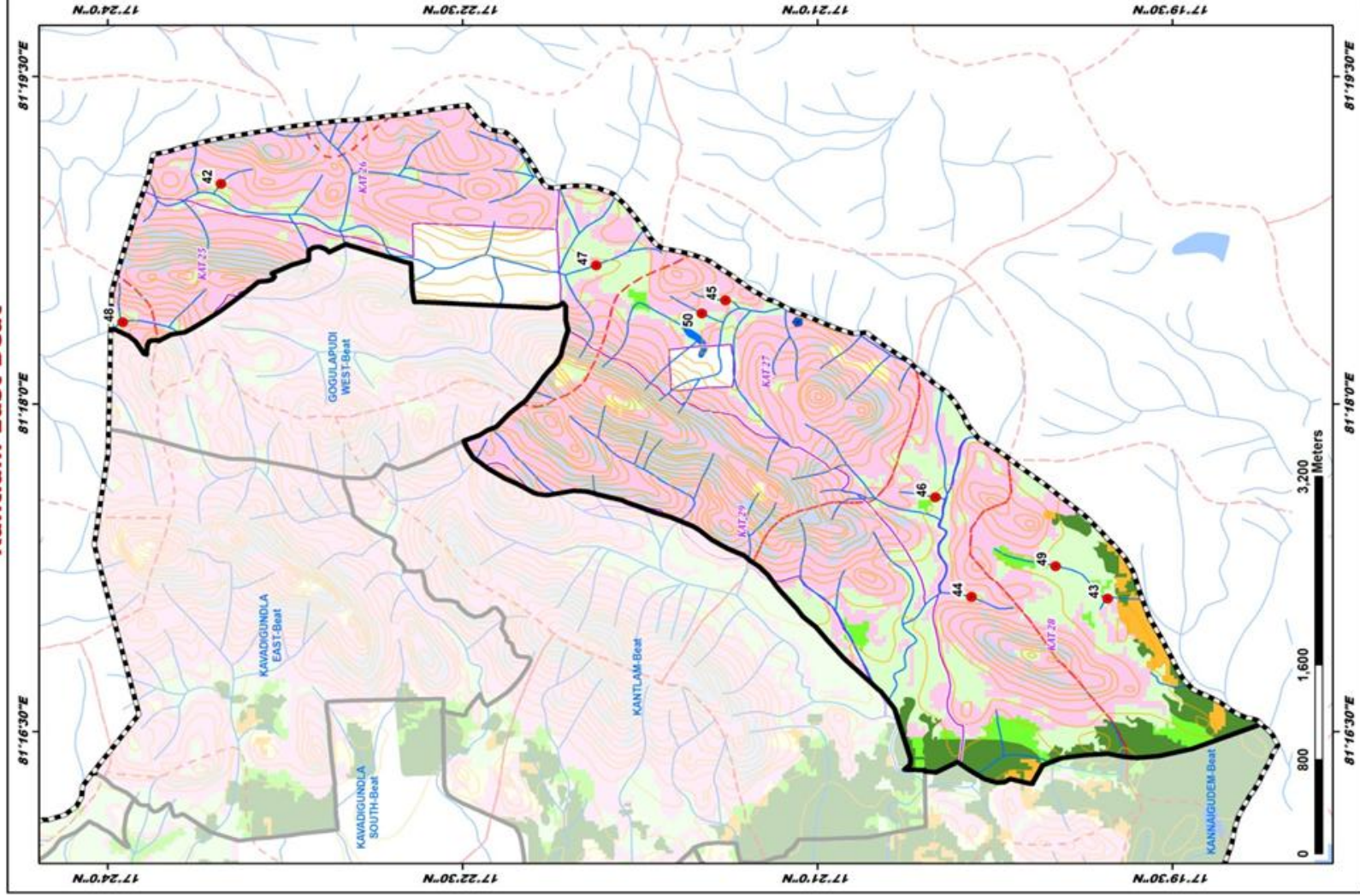
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
40	17.366005	81.288382	6.61	IV
41	17.358861	81.284219	4.90	IV

- LEGEND**
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - - - Watershed Boundary
  - - - Compartment Boundary
  - ▭ Beat Boundary
  - ▭ Division Boundary
- Suitability Index**
- CCTs/SGTs - Highly Suitable
  - CCTs/SGTs - Moderately Suitable
  - CCTs/SGTs - 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 Kantlam East Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
42	17.30207	81.31680	15.62	IV
43	17.32959	81.28189	21.03	IV
44	17.339154	81.28299	20.25	IV
45	17.356491	81.307957	6.43	IV
46	17.341892	81.292910	6.38	IV
47	17.365586	81.310612	27.08	V
48	17.398945	81.306281	46.73	V
49	17.333214	81.297651	29.97	V
50	17.358147	81.306951	44.20	V

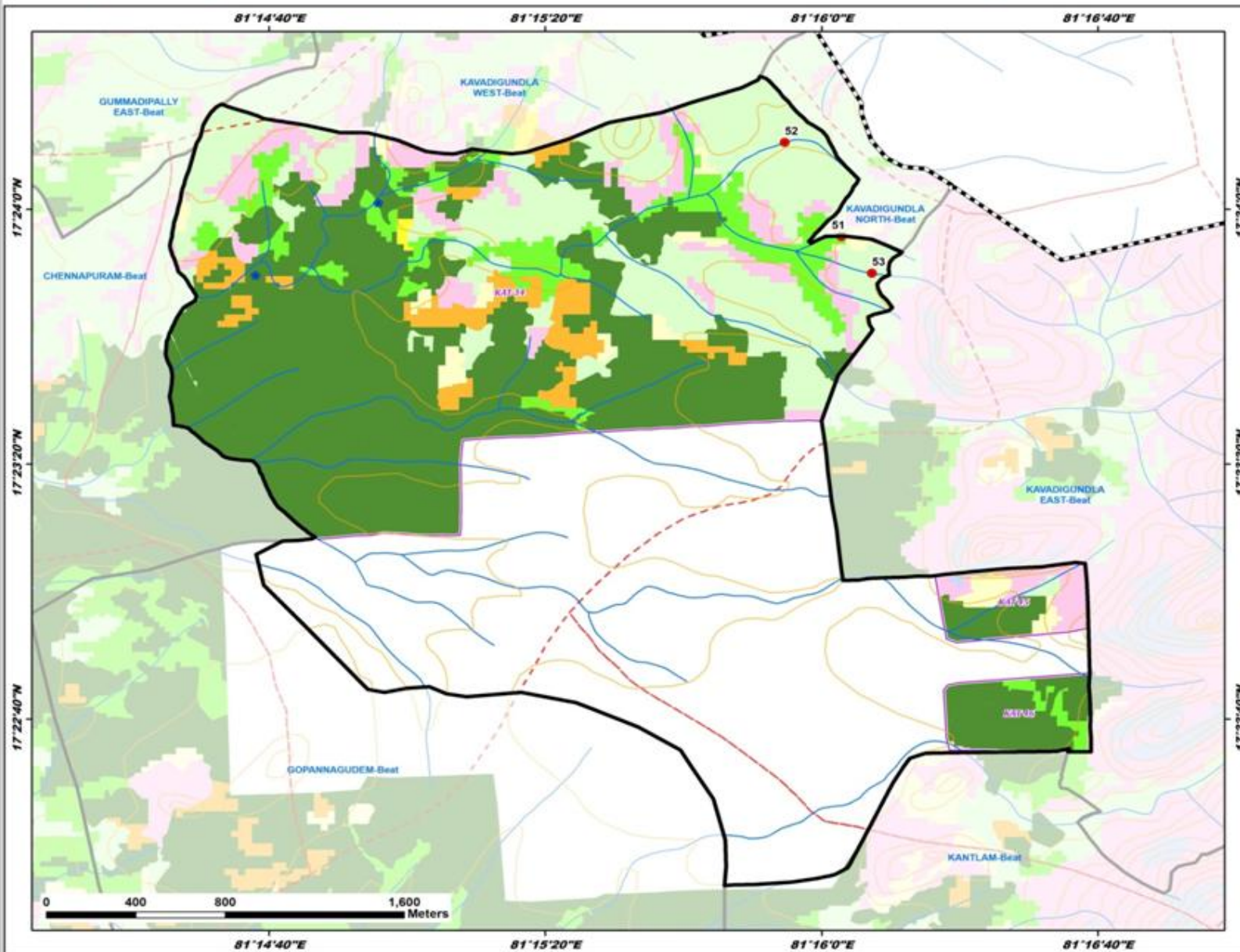
### LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Kavadi Gundla South Beat



Division : Paloncha  
Range : Aswaraopeta



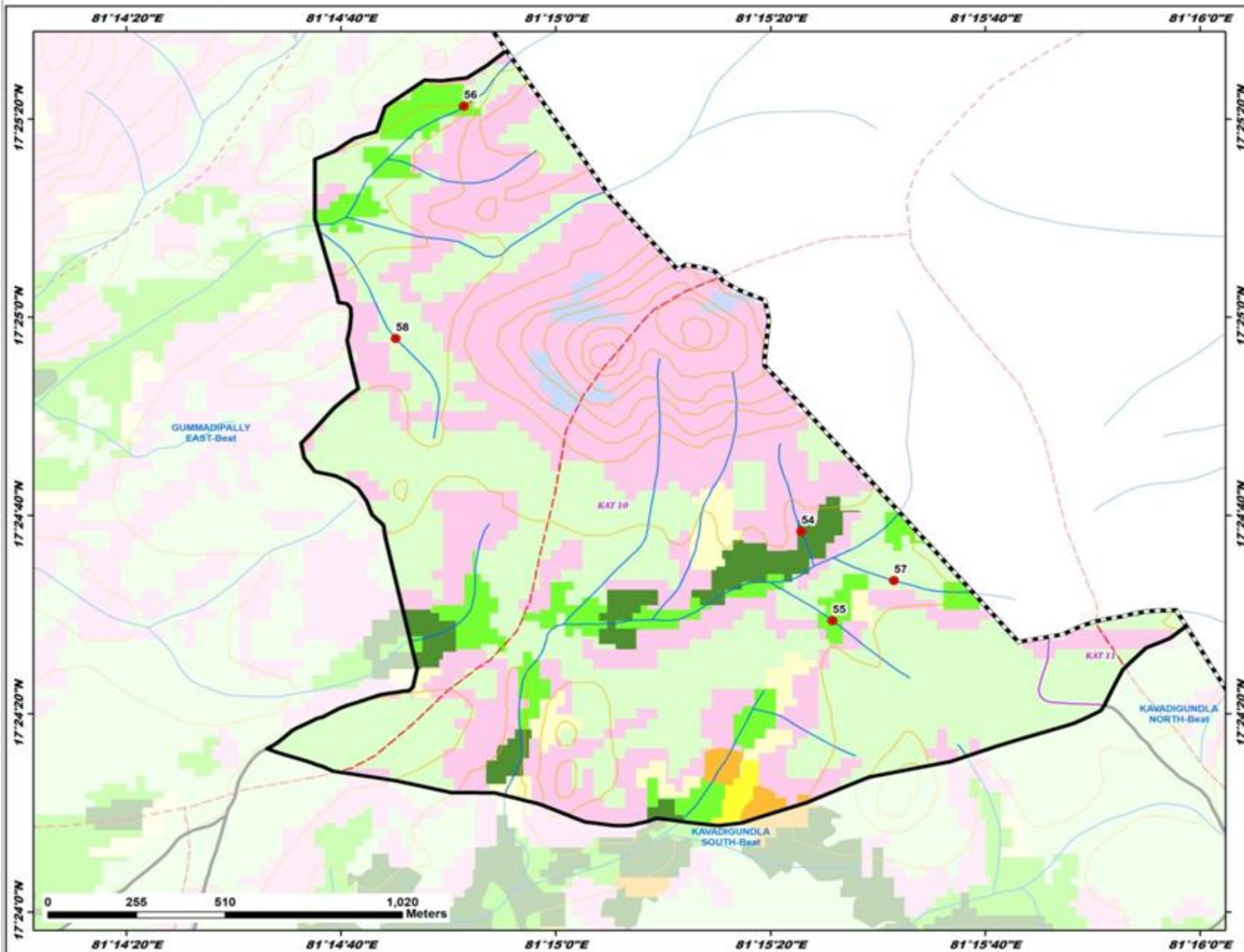
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
S1	17.398830	81.267469	11.18	II
S2	17.402934	81.265389	21.72	IV
S3	17.397217	81.268700	6.96	IV

- 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 Kavadi Gundla West Beat



Division : Paloncha  
Range : Aswaraopeta



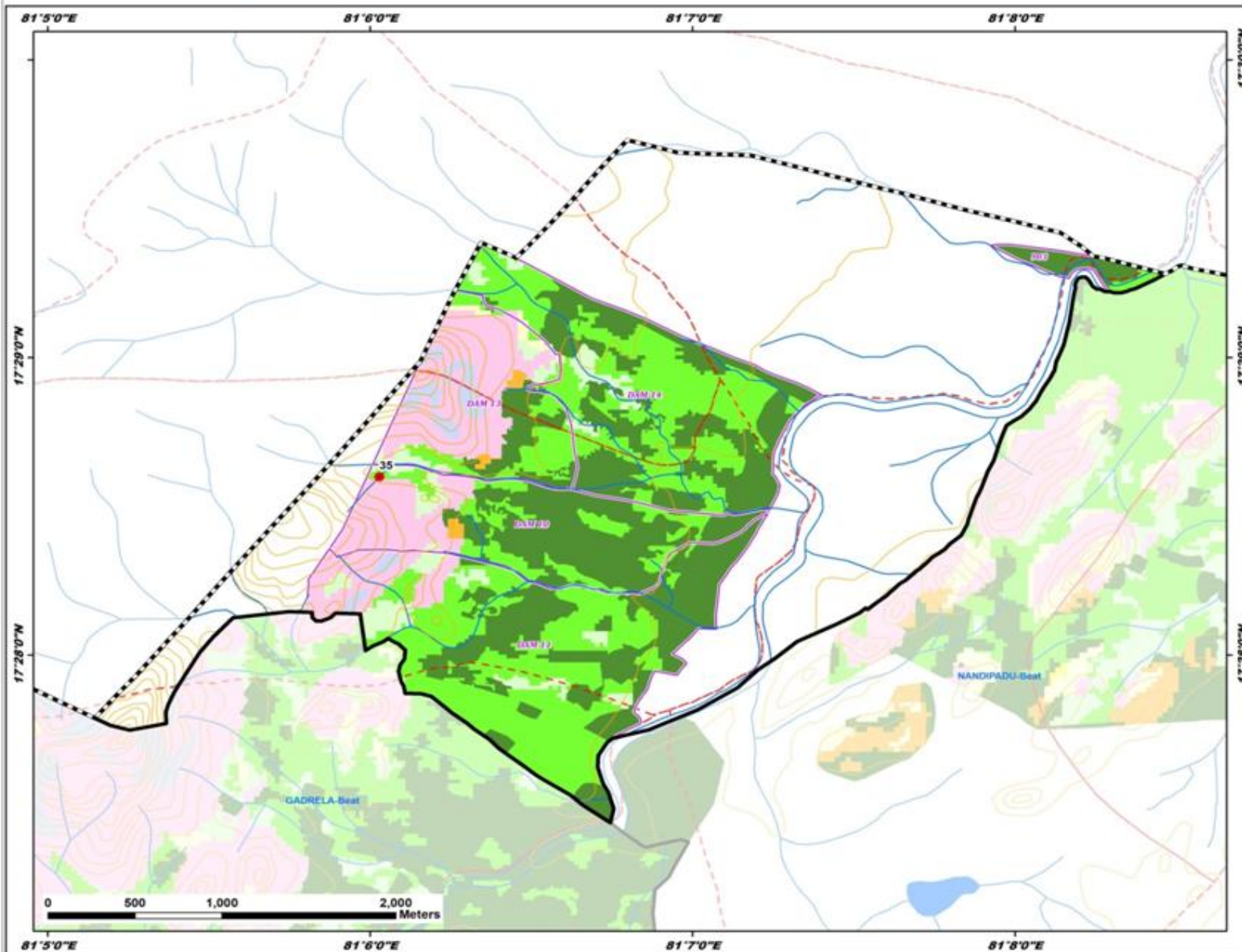
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
54	17.410662	81.256354	5.44	I
55	17.408165	81.257361	9.59	II
56	17.422583	81.247621	36.75	III
57	17.409290	81.258749	22.27	IV
58	17.416075	81.245858	28.15	V

- 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 Kudumulapadu Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
35	17.476655	81.100482	6.86	II

**LEGEND**

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

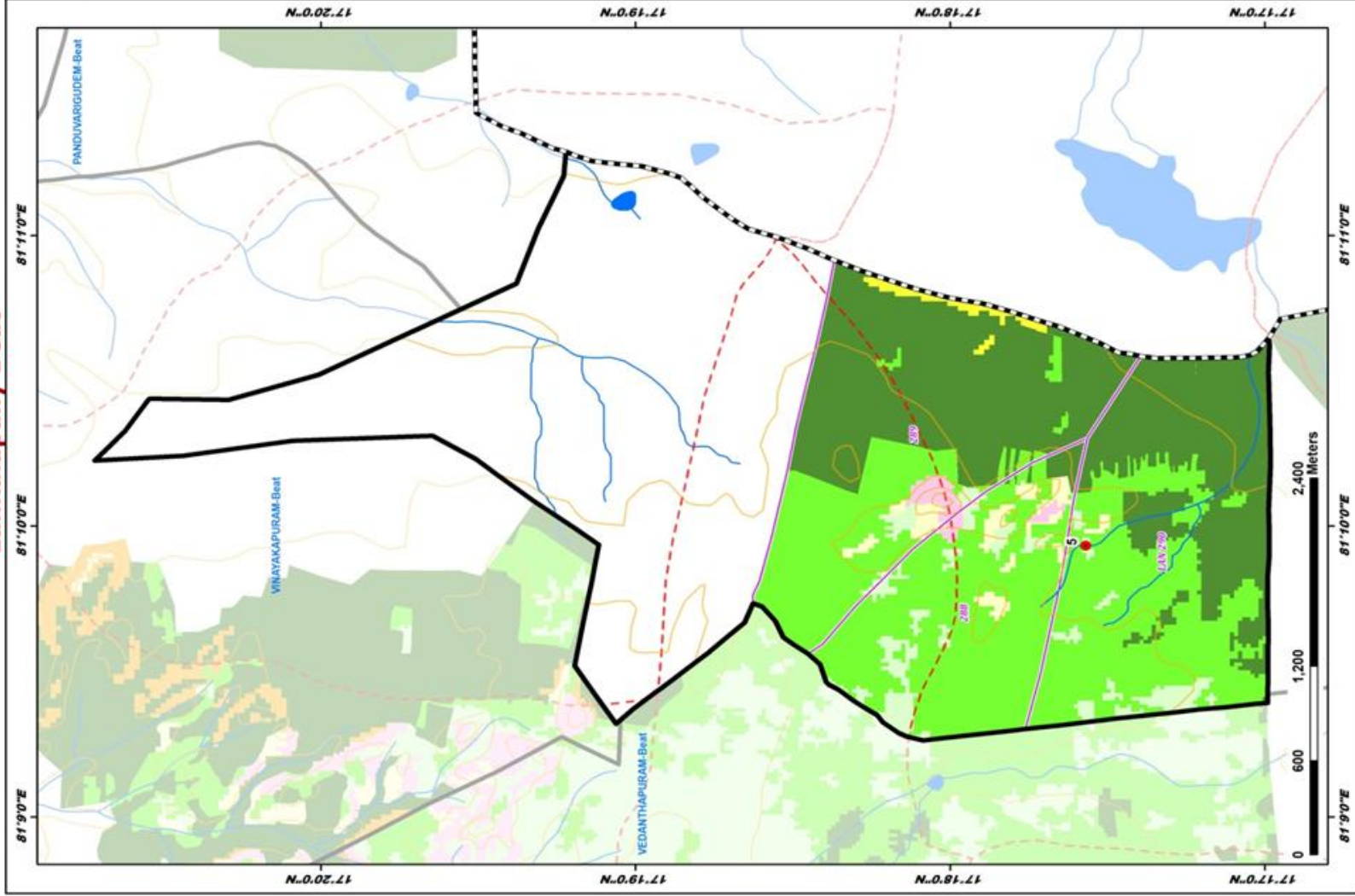
**Suitability Index**

- 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 Lankalappally Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
5	17.20211	81.16557	42.40	V

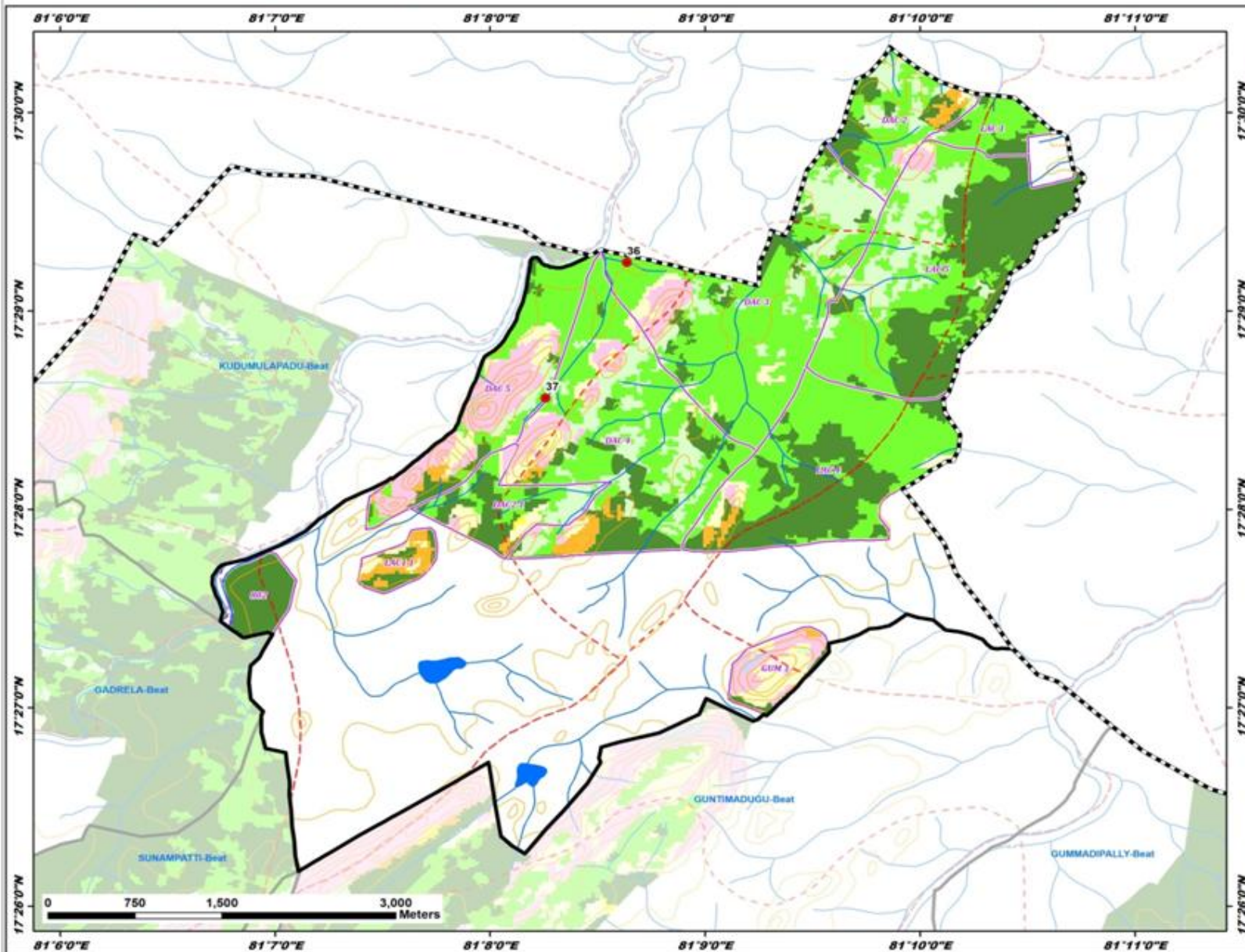
**LEGEND**

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Nandipadu Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
36	17.467426	81.143953	11.59	ii
37	17.476029	81.137648	22.50	ii

**LEGEND**

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

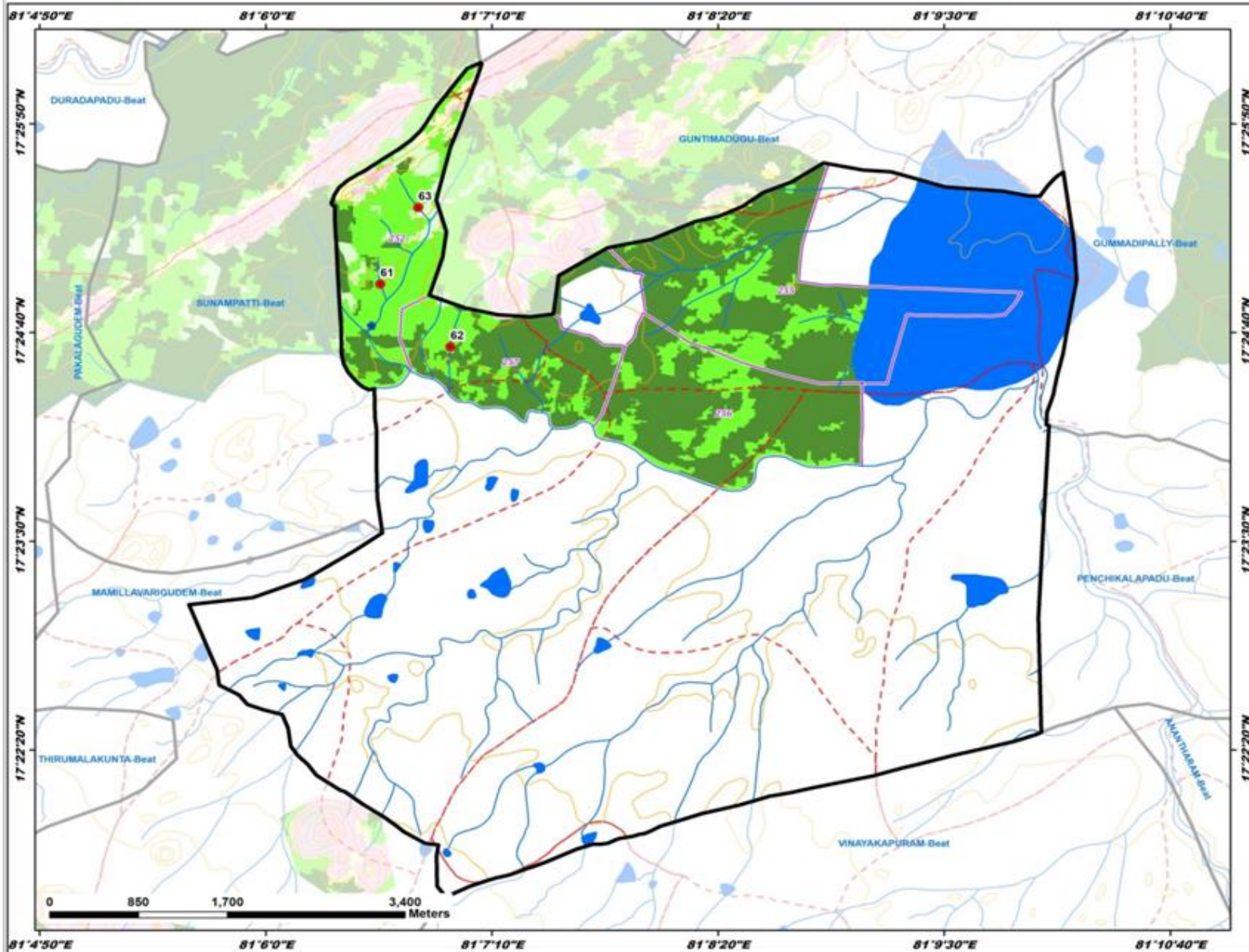
**Suitability Index**

- 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 Narayanapuram Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
61	17.415635	81.109884	9.31	II
62	17.409796	81.115872	35.97	III
63	17.422768	81.113115	13.18	IV

**LEGEND**

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

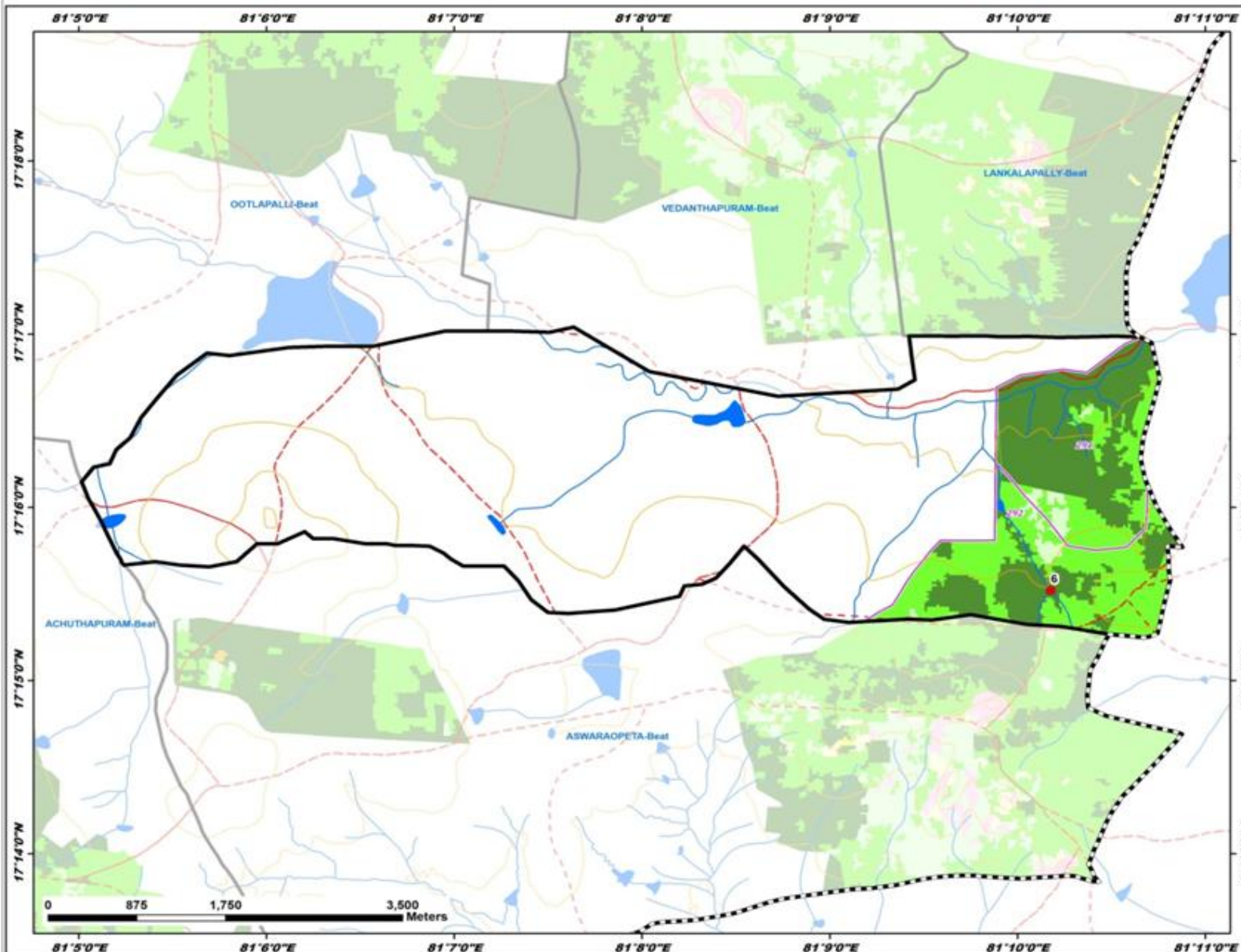
**Suitability Index**

- 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 Papadigudem Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
6	17.25896	81.169642	74.68	III

**LEGEND**

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

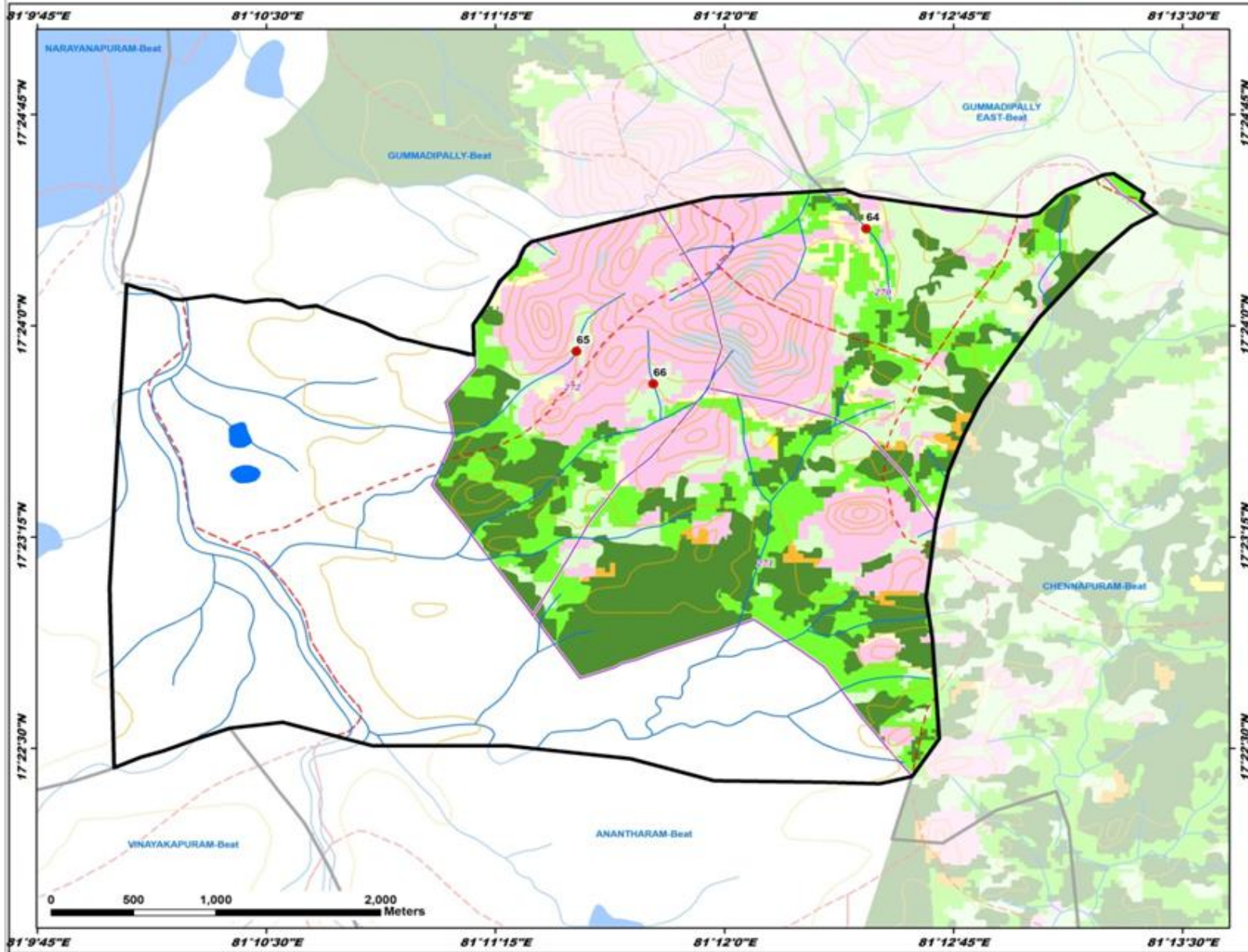
**Suitability Index**

- 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 Penchikalapadu Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
64	17.405756	81.207738	41.61	III
65	17.398500	81.191896	15.81	IV
66	17.396549	81.196121	13.53	IV

**LEGEND**

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

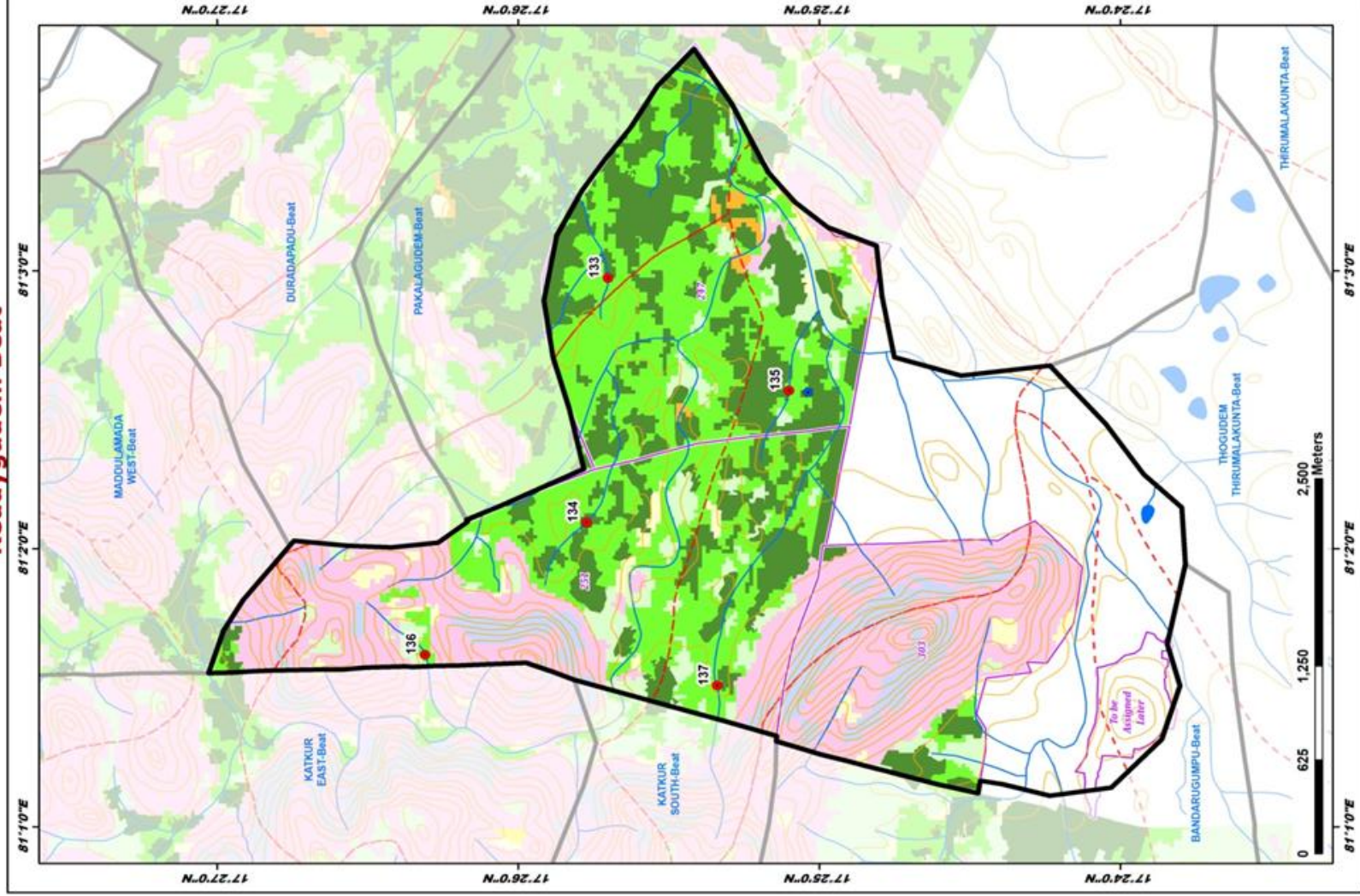
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Reddygudem Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
133	17.42832	81.06904	8.27	II
134	17.42949	81.09491	35.91	II
135	17.41838	81.06264	29.02	III
136	17.43883	81.02702	28.10	III
137	17.42206	81.02511	42.71	III

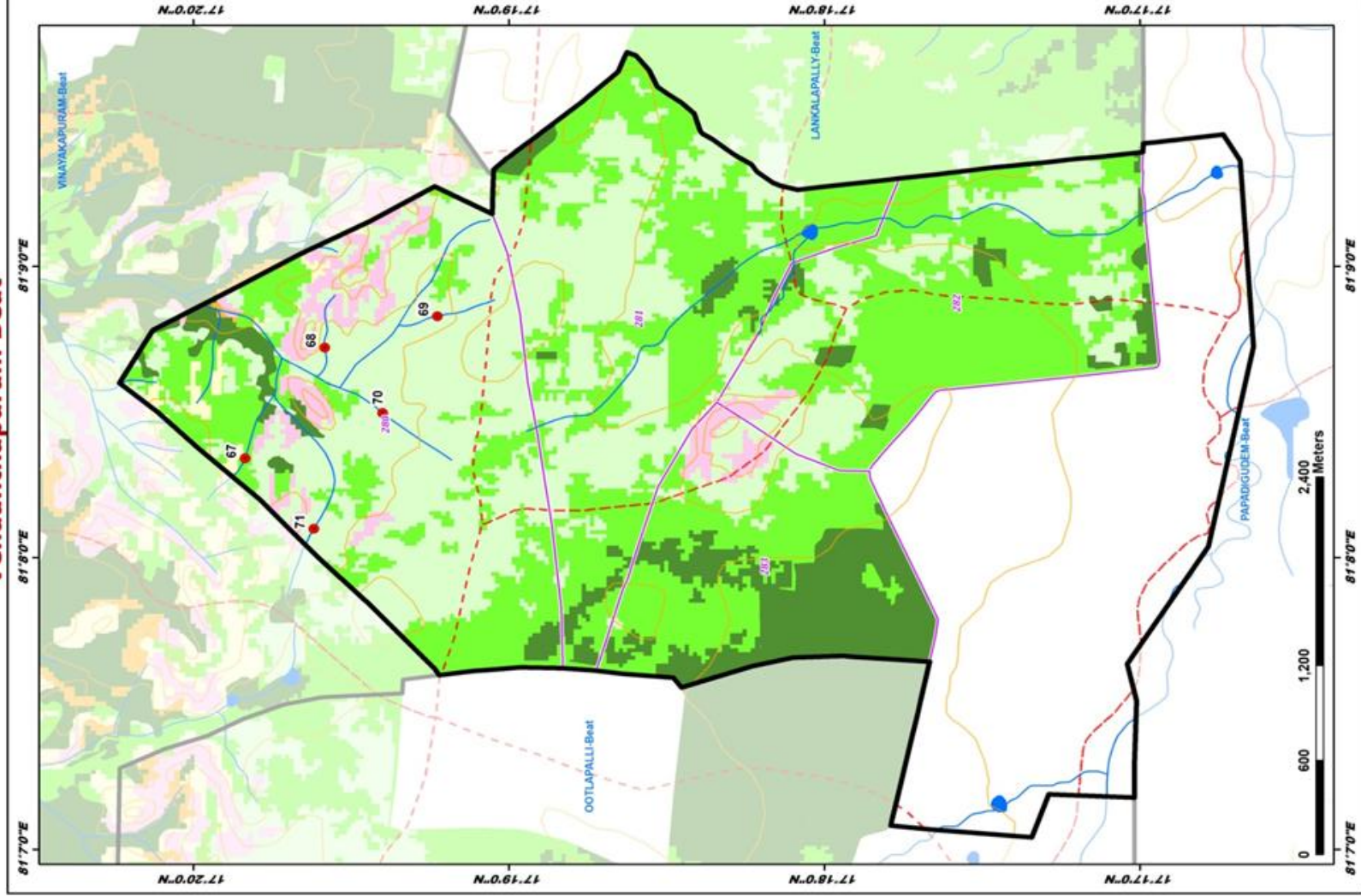
## LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability index for Construction of SMC Works of Vandanthapuram Beat



Division : Paloncha  
Range : Aswaraopeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
67	17.330595	81.139050	14.97	II
68	17.330582	81.145371	6.46	IV
69	17.330444	81.147170	12.11	IV
70	17.333338	81.141644	44.90	V
71	17.332866	81.135020	42.08	V

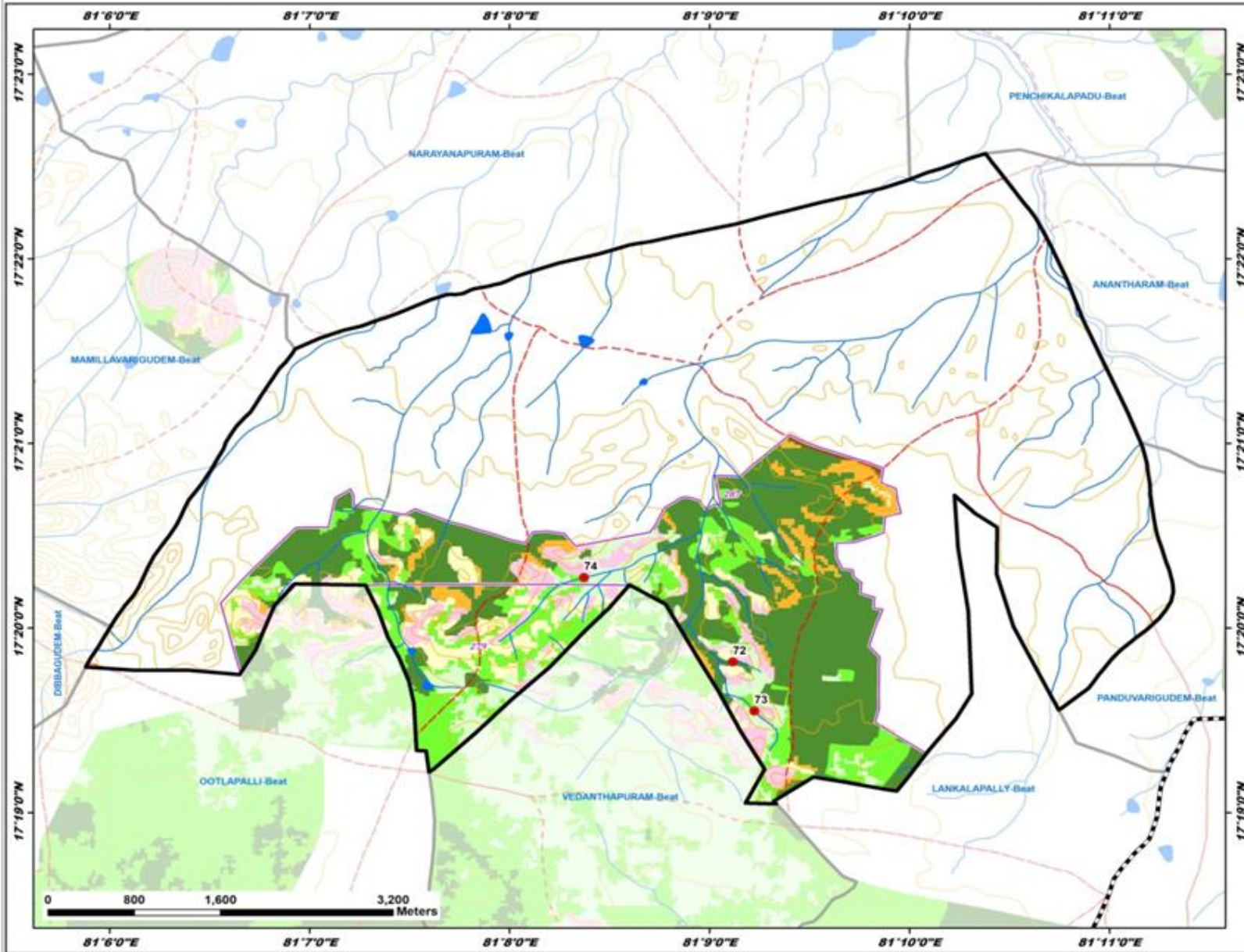
## LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Vinayakapuram Beat



Division : Paloncha  
Range : Aswaraopeta



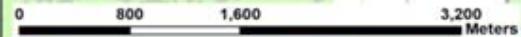
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
72	17.330270	81.151965	6.58	I
73	17.325836	81.153747	21.25	IV
74	17.337888	81.139543	47.94	V

**LEGEND**

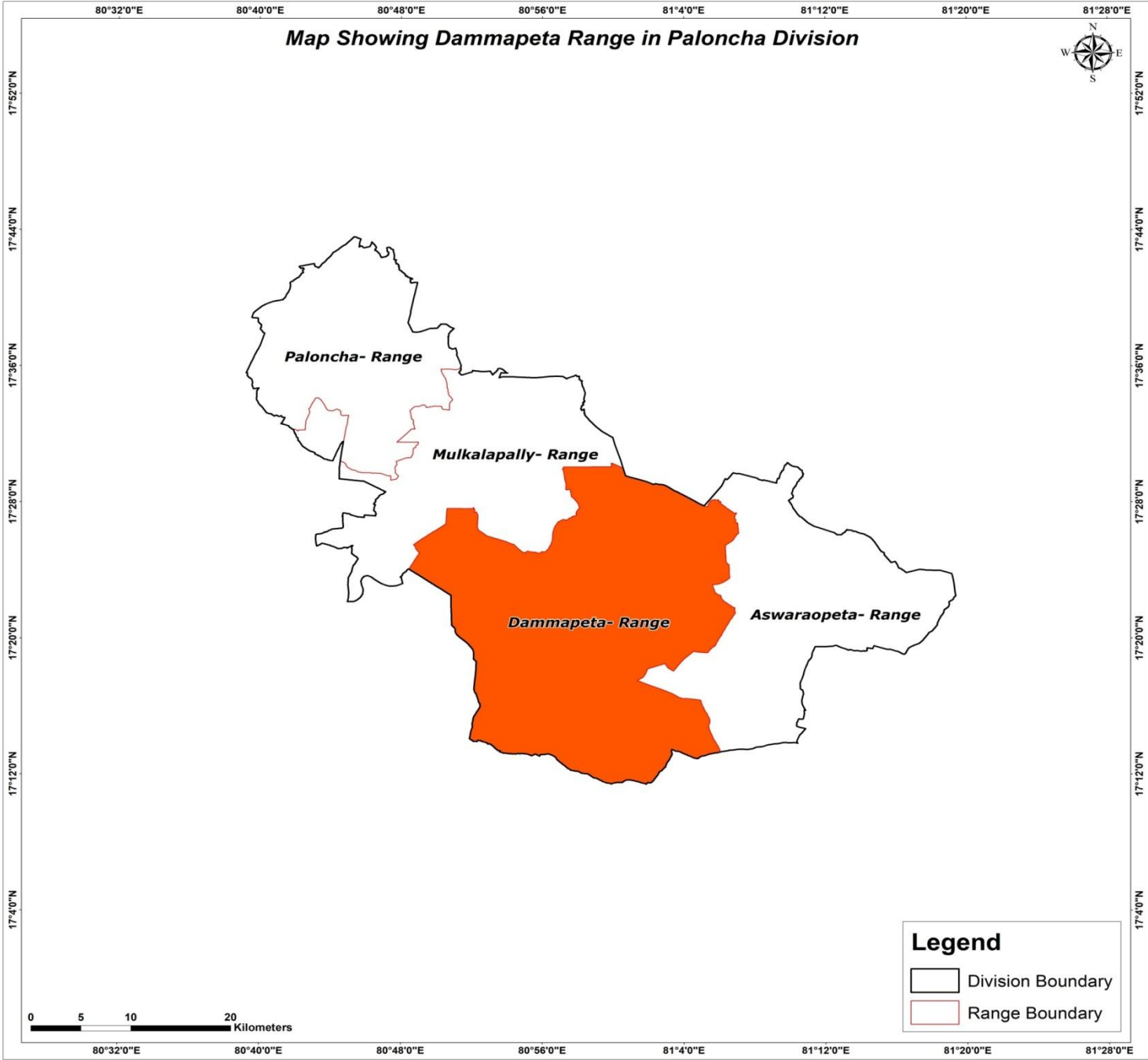
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

**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 Dammapeta Range in Paloncha Division



17°52'0"N  
17°44'0"N  
17°36'0"N  
17°28'0"N  
17°20'0"N  
17°12'0"N  
17°4'0"N

17°52'0"N  
17°44'0"N  
17°36'0"N  
17°28'0"N  
17°20'0"N  
17°12'0"N  
17°4'0"N

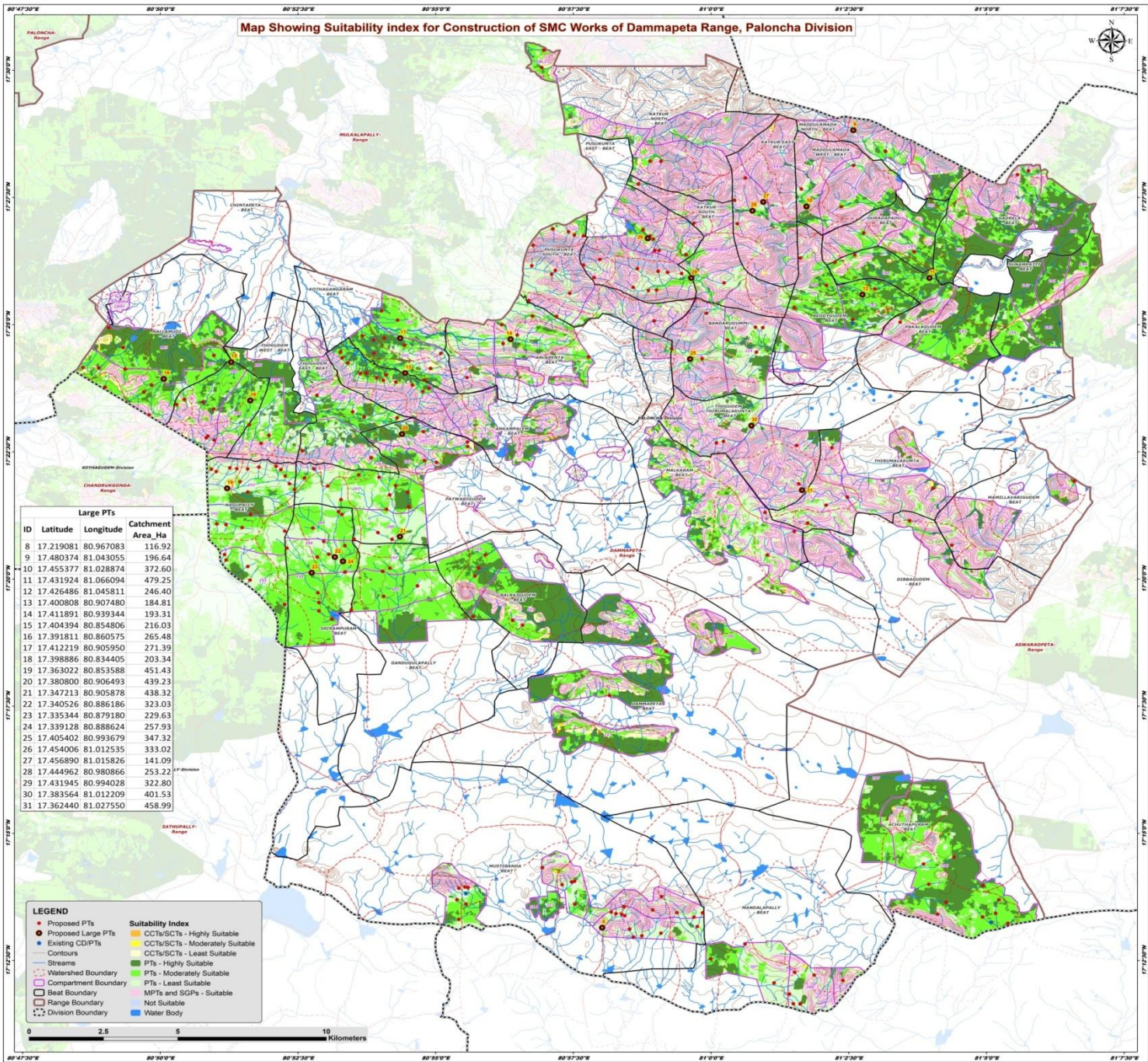
80°32'0"E 80°40'0"E 80°48'0"E 80°56'0"E 81°4'0"E 81°12'0"E 81°20'0"E 81°28'0"E

80°32'0"E 80°40'0"E 80°48'0"E 80°56'0"E 81°4'0"E 81°12'0"E 81°20'0"E 81°28'0"E

0 5 10 20 Kilometers

**Legend**  
Division Boundary  
Range Boundary

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



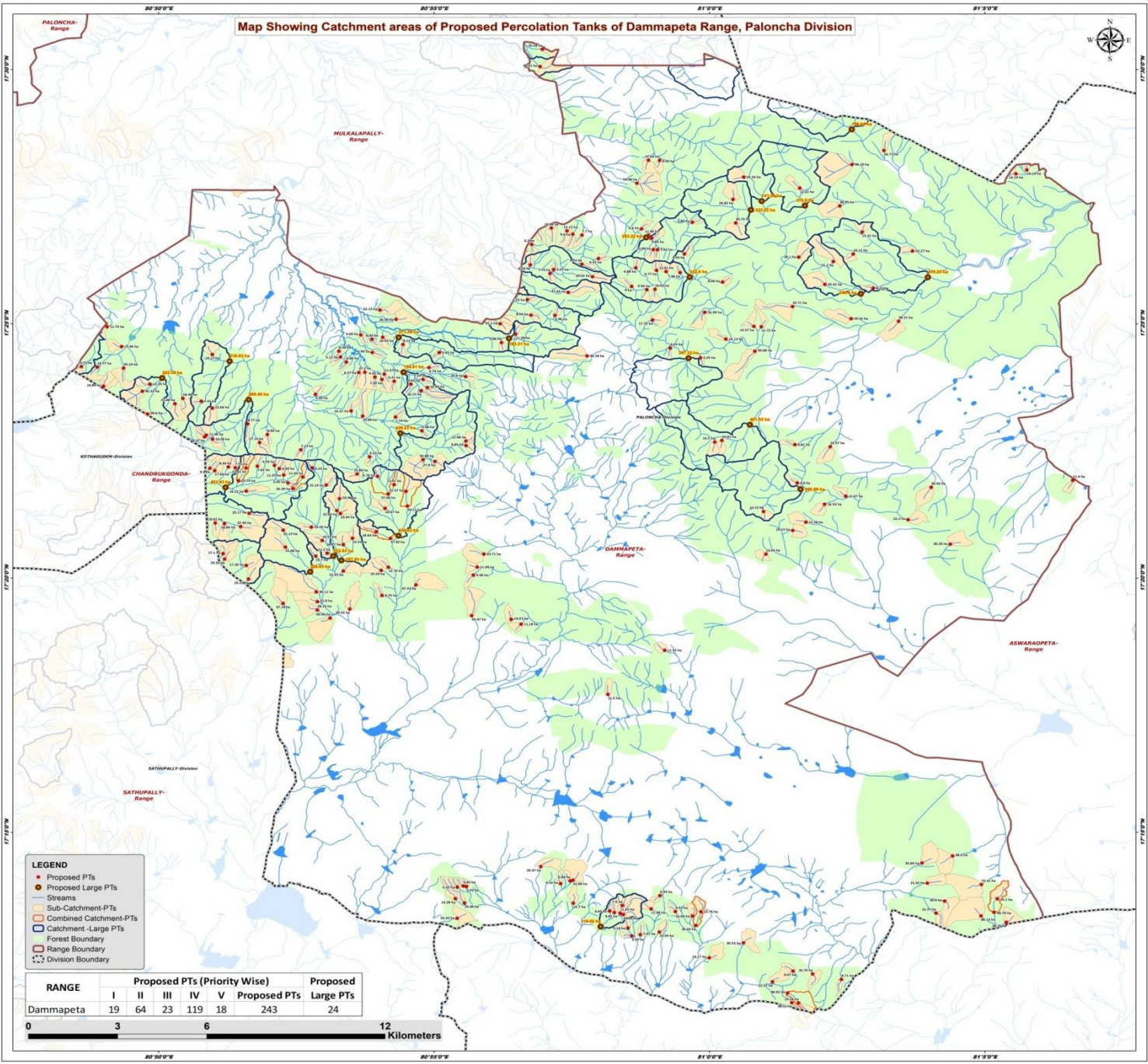
ID	Latitude	Longitude	Catchment Area_Ha
8	17.219081	80.967083	116.92
9	17.480374	81.043055	196.64
10	17.455377	81.028874	372.60
11	17.431924	81.066094	479.25
12	17.426486	81.045811	246.40
13	17.400808	80.907480	184.81
14	17.411891	80.939344	193.31
15	17.404394	80.854806	216.03
16	17.391811	80.860575	265.48
17	17.412219	80.905950	271.39
18	17.398886	80.834405	203.34
19	17.363022	80.853588	451.43
20	17.380800	80.906493	439.23
21	17.347213	80.905878	438.32
22	17.340526	80.886186	323.03
23	17.335344	80.879180	229.63
24	17.339128	80.888624	257.93
25	17.405402	80.993679	347.32
26	17.454006	81.012535	333.02
27	17.456890	81.015826	141.09
28	17.444962	80.980866	253.22
29	17.431945	80.994028	322.80
30	17.383564	81.012209	401.53
31	17.362440	81.027550	458.99

**LEGEND**

- Proposed PTs
- Proposed Large PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary
- CCITs/SCTs - Highly Suitable
- CCITs/SCTs - Moderately Suitable
- CCITs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SCPs - Suitable
- Not Suitable
- Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Dammapeta Range, Paloncha 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	
Dammapeta	19	64	23	119	18	243

0 3 6 12 Kilometers

## Beat wise Abstract of Proposed PT's – Dummapeta Range

S. No.	Beat	Proposed PT's
1	ACHUTHAPURAM	10
2	ANKAMPALEM	12
3	ARLAPENTA	6
4	BALRAJGUEDEM	6
5	BANDARUGUMPU	7
6	CHINTAPETA	7
7	DAMMAPETA	2
8	DIBBAGUEDEM	1
9	DURADAPADU	2
10	GADRELA	2
11	GANDUGULAPALLY	5
12	KATKUR EAST	3
13	KATKUR NORTH	4
14	KATKUR SOUTH	3
15	KOTHAGANGARAM	10
16	MADDULAMADA NORTH	1
17	MADDULAMADA WEST	3
18	MALKARAM	3
19	MAMILLAVARIGUEDEM	2
20	MANDALAPALLY	9
21	MUSTIBANDA	26
22	NAGUPALLY	22
23	NALLAMUDI	10
24	PAKALAGUEDEM	3
25	PATWARIGUEDEM	20
26	PUSUKUNTA EAST	16
27	PUSUKUNTA SOUTH	12
28	REDDYGUEDEM	5
29	SRIRAMPURAM	13
30	THIRUMALAKUNTA	5
31	THOGUEDEM EAST	6
32	THOGUEDEM THIRUMALAKUNTA	4
33	THOGUEDEM WEST	3
	<b>Total</b>	<b>243</b>

## List of Proposed PTs – Dammamet 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
75	17.228202	81.087102	24.10	II	ACHUTHAPURAM	115	17.224192	80.969789	6.64	IV	MUSTIBANDA	155	17.399351	80.926210	10.80	IV	ARLAPENTA
76	17.227452	81.071155	30.90	II	ACHUTHAPURAM	116	17.229247	80.985042	6.34	IV	MUSTIBANDA	156	17.391288	80.846230	7.41	I	CHINTAPETA
77	17.220500	81.089806	30.76	III	ACHUTHAPURAM	117	17.223682	80.971222	8.81	IV	MUSTIBANDA	157	17.389002	80.849558	22.66	I	CHINTAPETA
78	17.242240	81.073568	38.40	III	ACHUTHAPURAM	118	17.223997	80.989697	6.53	IV	MUSTIBANDA	158	17.390462	80.838258	23.88	II	CHINTAPETA
79	17.232886	81.082281	74.41	III	ACHUTHAPURAM	119	17.223006	80.973895	44.09	V	MUSTIBANDA	159	17.392215	80.840630	18.36	II	CHINTAPETA
80	17.223519	81.068557	12.37	IV	ACHUTHAPURAM	120	17.234290	80.958731	42.89	V	MUSTIBANDA	160	17.380162	80.847746	11.06	IV	CHINTAPETA
81	17.233314	81.065895	21.42	IV	ACHUTHAPURAM	121	17.219432	80.995850	26.64	V	MUSTIBANDA	161	17.379609	80.847253	8.37	IV	CHINTAPETA
82	17.222577	81.082193	80.13	IV	ACHUTHAPURAM	122	17.440503	81.061481	10.27	I	DURADAPADU	162	17.378838	80.849634	10.09	IV	CHINTAPETA
83	17.239942	81.064311	35.84	V	ACHUTHAPURAM	123	17.446714	81.046184	15.31	II	DURADAPADU	163	17.411614	80.897894	6.03	I	KOTHAGANGARAM
84	17.223789	81.086130	40.79	III	ACHUTHAPURAM	124	17.467066	81.096040	19.19	II	GADRELA	164	17.421180	80.900297	22.17	I	KOTHAGANGARAM
85	17.309644	80.986446	11.52	I	DAMMAPETA	125	17.465826	81.092738	12.19	IV	GADRELA	165	17.412263	80.901127	10.92	I	KOTHAGANGARAM
86	17.295166	80.969283	11.50	II	DAMMAPETA	126	17.473440	81.052805	16.71	I	MADDULAMADA (N)	166	17.409876	80.907278	8.13	I	KOTHAGANGARAM
87	17.208851	80.999930	23.17	II	MANDALAPALLY	127	17.455287	81.039434	38.95	III	MADDULAMADA (W)	167	17.407278	80.897988	6.99	I	KOTHAGANGARAM
88	17.213753	81.010285	30.52	III	MANDALAPALLY	128	17.461110	81.027331	12.61	IV	MADDULAMADA (W)	168	17.398425	80.913325	7.53	I	KOTHAGANGARAM
89	17.204505	81.025289	9.07	IV	MANDALAPALLY	129	17.468855	81.043116	98.19	V	MADDULAMADA (W)	169	17.413012	80.894478	6.69	II	KOTHAGANGARAM
90	17.200959	81.019094	21.27	IV	MANDALAPALLY	130	17.439526	81.043502	10.12	II	PAKALAGUDEM	170	17.402325	80.915138	6.74	II	KOTHAGANGARAM
91	17.194071	81.026959	14.34	IV	MANDALAPALLY	131	17.437058	81.037506	51.20	IV	PAKALAGUDEM	171	17.418126	80.905178	28.58	III	KOTHAGANGARAM
92	17.203566	81.031209	16.74	IV	MANDALAPALLY	132	17.417506	81.057228	38.31	V	PAKALAGUDEM	172	17.407224	80.918237	5.65	IV	KOTHAGANGARAM
93	17.201765	81.039915	8.71	IV	MANDALAPALLY	133	17.428352	81.049604	8.27	II	REDDYGUDEM	173	17.415681	80.817754	11.73	I	NALLAMUDI
94	17.194154	81.024893	38.51	V	MANDALAPALLY	134	17.429549	81.034931	35.91	II	REDDYGUDEM	174	17.402475	80.814733	14.77	II	NALLAMUDI
95	17.197307	81.023643	46.02	V	MANDALAPALLY	135	17.418338	81.042854	29.02	III	REDDYGUDEM	175	17.396889	80.830715	12.35	II	NALLAMUDI
96	17.226763	80.958807	15.70	II	MUSTIBANDA	136	17.438493	81.027002	28.10	III	REDDYGUDEM	176	17.409186	80.822118	15.66	II	NALLAMUDI
97	17.221790	80.923664	35.43	III	MUSTIBANDA	137	17.422306	81.025151	42.71	III	REDDYGUDEM	177	17.402642	80.809950	13.72	II	NALLAMUDI
98	17.224872	80.982340	11.48	IV	MUSTIBANDA	138	17.407674	80.887895	6.49	I	ANKAMPALEM	178	17.396190	80.816651	14.89	II	NALLAMUDI
99	17.216047	80.976520	5.29	IV	MUSTIBANDA	139	17.395744	80.914632	16.99	I	ANKAMPALEM	179	17.406585	80.849576	19.17	II	NALLAMUDI
100	17.232400	80.925509	4.83	IV	MUSTIBANDA	140	17.400169	80.901626	11.47	I	ANKAMPALEM	180	17.394559	80.828404	40.33	III	NALLAMUDI
101	17.228253	80.923125	13.28	IV	MUSTIBANDA	141	17.396866	80.909636	5.63	II	ANKAMPALEM	181	17.402135	80.822699	29.24	III	NALLAMUDI
102	17.222553	80.994835	10.69	IV	MUSTIBANDA	142	17.404134	80.890129	6.06	II	ANKAMPALEM	182	17.387115	80.829973	28.60	V	NALLAMUDI
103	17.223489	80.972980	11.65	IV	MUSTIBANDA	143	17.405792	80.888359	5.12	II	ANKAMPALEM	183	17.373058	80.897141	6.23	II	THOJUDEM EAST
104	17.216445	80.979092	7.41	IV	MUSTIBANDA	144	17.394736	80.912773	16.15	II	ANKAMPALEM	184	17.386405	80.895065	24.89	II	THOJUDEM EAST
105	17.232214	80.926510	5.01	IV	MUSTIBANDA	145	17.400793	80.895705	27.20	II	ANKAMPALEM	185	17.388096	80.891563	10.37	II	THOJUDEM EAST
106	17.234078	80.957821	6.48	IV	MUSTIBANDA	146	17.399196	80.898803	4.95	IV	ANKAMPALEM	186	17.393532	80.880756	9.39	IV	THOJUDEM EAST
107	17.218642	80.975358	9.16	IV	MUSTIBANDA	147	17.397842	80.904616	6.41	IV	ANKAMPALEM	187	17.375361	80.876383	7.13	IV	THOJUDEM EAST
108	17.226018	80.973671	7.60	IV	MUSTIBANDA	148	17.400704	80.893901	8.27	IV	ANKAMPALEM	188	17.386106	80.905020	7.74	IV	THOJUDEM EAST
109	17.217290	80.984834	10.34	IV	MUSTIBANDA	149	17.398429	80.900876	7.39	IV	ANKAMPALEM	189	17.383856	80.860300	8.77	II	THOJUDEM WEST
110	17.233178	80.954942	6.14	IV	MUSTIBANDA	150	17.416689	80.936700	15.20	I	ARLAPENTA	190	17.377748	80.863869	17.13	II	THOJUDEM WEST
111	17.238730	80.948970	24.47	IV	MUSTIBANDA	151	17.406118	80.962971	46.18	III	ARLAPENTA	191	17.380367	80.866242	8.89	IV	THOJUDEM WEST
112	17.226810	80.925885	23.36	IV	MUSTIBANDA	152	17.410502	80.937081	6.96	IV	ARLAPENTA	192	17.336901	80.929720	11.49	I	BALRAJGUDEM
113	17.232031	80.923700	5.32	IV	MUSTIBANDA	153	17.419489	80.945980	8.04	IV	ARLAPENTA	193	17.334283	80.928551	9.48	II	BALRAJGUDEM
114	17.223957	80.997428	15.76	IV	MUSTIBANDA	154	17.413252	80.941353	11.39	IV	ARLAPENTA	194	17.319765	80.940031	13.57	II	BALRAJGUDEM

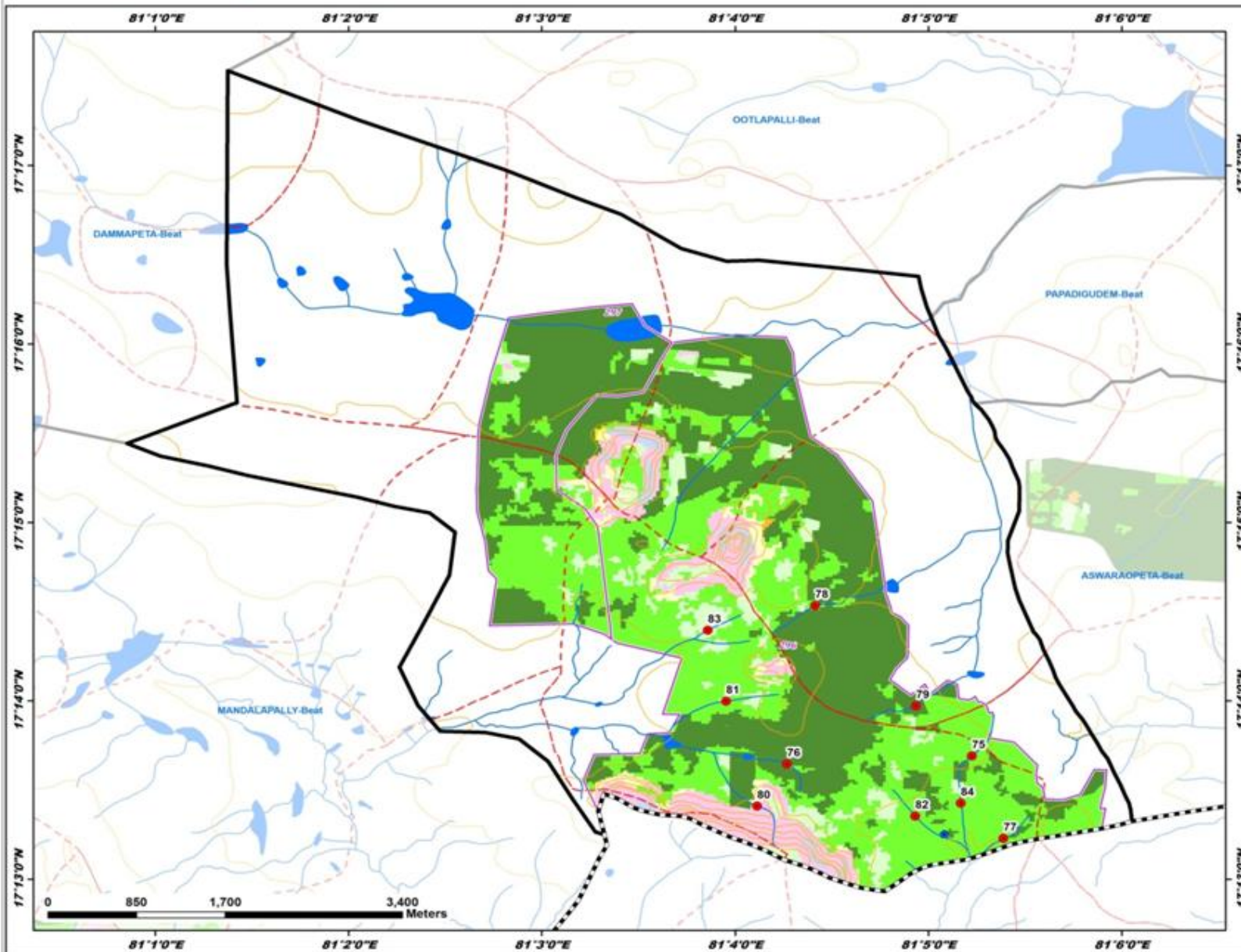
## List of Proposed PTs – Dammamet Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
195	17.320982	80.928060	43.47	II	BALRAJGUDEM	235	17.363796	80.884038	15.14	IV	PATWARIGUDEM	275	17.444694	80.982503	9.83	II	PUSUKUNTA EAST
196	17.318202	80.942993	11.18	II	BALRAJGUDEM	236	17.378233	80.926295	11.06	IV	PATWARIGUDEM	276	17.445728	80.981512	11.46	II	PUSUKUNTA EAST
197	17.341179	80.931728	33.71	II	BALRAJGUDEM	237	17.366654	80.899581	5.78	IV	PATWARIGUDEM	277	17.439555	80.992450	9.93	II	PUSUKUNTA EAST
198	17.336869	80.902847	11.79	II	GANDUGULAPALLY	238	17.381611	80.912957	5.48	IV	PATWARIGUDEM	278	17.427831	80.981047	9.56	IV	PUSUKUNTA EAST
199	17.335859	80.900669	25.59	II	GANDUGULAPALLY	239	17.356159	80.901845	16.67	IV	PATWARIGUDEM	279	17.436200	80.961379	9.33	IV	PUSUKUNTA EAST
200	17.327625	80.900920	9.75	II	GANDUGULAPALLY	240	17.346361	80.892014	14.51	IV	PATWARIGUDEM	280	17.440997	80.983010	10.89	IV	PUSUKUNTA EAST
201	17.323174	80.891168	34.52	III	GANDUGULAPALLY	241	17.356909	80.908588	43.11	II	PATWARIGUDEM	281	17.433397	80.991124	7.86	IV	PUSUKUNTA EAST
202	17.331070	80.911174	47.53	V	GANDUGULAPALLY	242	17.362640	80.873981	26.39	III	PATWARIGUDEM	282	17.427964	80.983509	10.02	IV	PUSUKUNTA EAST
203	17.354535	80.860697	23.17	I	NAGUPALLY	243	17.360870	80.902760	57.68	V	PATWARIGUDEM	283	17.438050	80.966411	6.32	IV	PUSUKUNTA EAST
204	17.361817	80.859843	16.22	II	NAGUPALLY	244	17.346337	80.903490	37.92	V	PATWARIGUDEM	284	17.434167	80.984014	6.77	IV	PUSUKUNTA EAST
205	17.351370	80.850451	10.62	II	NAGUPALLY	245	17.355396	80.887277	22.69	II	SRIRAMPURAM	285	17.433764	80.986872	11.41	IV	PUSUKUNTA EAST
206	17.350179	80.858156	37.95	III	NAGUPALLY	246	17.350034	80.879539	10.45	II	SRIRAMPURAM	286	17.447736	80.979425	6.60	IV	PUSUKUNTA EAST
207	17.324994	80.870966	37.19	III	NAGUPALLY	247	17.344260	80.889220	16.77	II	SRIRAMPURAM	287	17.434993	80.977733	6.88	IV	PUSUKUNTA EAST
208	17.369996	80.863214	7.62	IV	NAGUPALLY	248	17.325592	80.881370	22.80	II	SRIRAMPURAM	288	17.428886	80.976462	9.00	IV	PUSUKUNTA EAST
209	17.369395	80.859802	12.61	IV	NAGUPALLY	249	17.340499	80.880862	10.70	II	SRIRAMPURAM	289	17.432089	80.964615	20.02	IV	PUSUKUNTA EAST
210	17.339529	80.853287	19.33	IV	NAGUPALLY	250	17.354482	80.888343	23.64	II	SRIRAMPURAM	290	17.440960	80.984302	5.62	IV	PUSUKUNTA EAST
211	17.369171	80.869835	6.69	IV	NAGUPALLY	251	17.320227	80.885210	50.49	III	SRIRAMPURAM	291	17.419405	80.953249	6.96	II	PUSUKUNTA SOUTH
212	17.369712	80.854414	8.34	IV	NAGUPALLY	252	17.322873	80.881337	28.16	III	SRIRAMPURAM	292	17.445755	80.961404	7.70	II	PUSUKUNTA SOUTH
213	17.349021	80.871042	22.13	IV	NAGUPALLY	253	17.328788	80.881044	90.11	IV	SRIRAMPURAM	293	17.433141	80.951785	7.74	IV	PUSUKUNTA SOUTH
214	17.337417	80.859844	17.26	IV	NAGUPALLY	254	17.345609	80.882846	16.33	IV	SRIRAMPURAM	294	17.424593	80.944908	6.23	IV	PUSUKUNTA SOUTH
215	17.370232	80.868391	4.59	IV	NAGUPALLY	255	17.343454	80.871671	51.06	IV	SRIRAMPURAM	295	17.447114	80.956887	15.15	IV	PUSUKUNTA SOUTH
216	17.369294	80.848832	9.30	IV	NAGUPALLY	256	17.335605	80.889207	22.97	IV	SRIRAMPURAM	296	17.434438	80.952871	5.07	IV	PUSUKUNTA SOUTH
217	17.368529	80.850282	17.69	IV	NAGUPALLY	257	17.341449	80.884321	11.20	IV	SRIRAMPURAM	297	17.442669	80.946213	6.20	IV	PUSUKUNTA SOUTH
218	17.364532	80.872461	5.45	IV	NAGUPALLY	258	17.411631	81.004974	14.13	II	BANDARUGUMPU	298	17.446035	80.958674	9.60	IV	PUSUKUNTA SOUTH
219	17.341317	80.852795	17.10	IV	NAGUPALLY	259	17.408687	80.988128	4.63	II	BANDARUGUMPU	299	17.448027	80.952147	16.98	IV	PUSUKUNTA SOUTH
220	17.367076	80.871163	11.07	IV	NAGUPALLY	260	17.420401	80.998595	16.99	IV	BANDARUGUMPU	300	17.417896	80.982794	17.76	IV	PUSUKUNTA SOUTH
221	17.369460	80.856531	7.91	IV	NAGUPALLY	261	17.405525	80.997272	5.35	IV	BANDARUGUMPU	301	17.435970	80.945778	8.26	IV	PUSUKUNTA SOUTH
222	17.351154	80.853242	18.84	IV	NAGUPALLY	262	17.415805	81.013460	14.57	IV	BANDARUGUMPU	302	17.426950	80.957238	37.44	V	PUSUKUNTA SOUTH
223	17.332975	80.860510	25.21	V	NAGUPALLY	263	17.415678	81.015679	12.72	IV	BANDARUGUMPU	303	17.352460	81.060092	22.20	II	DIBBAGUDEM
224	17.365208	80.857474	23.74	II	NAGUPALLY	264	17.407661	81.013738	50.68	V	BANDARUGUMPU	304	17.348930	81.025203	19.13	IV	MALKARAM
225	17.361731	80.908186	22.37	I	PATWARIGUDEM	265	17.457432	81.007151	24.82	IV	KATKUR EAST	305	17.341197	81.017072	13.26	IV	MALKARAM
226	17.363926	80.904565	11.47	II	PATWARIGUDEM	266	17.449736	81.007938	30.73	V	KATKUR EAST	306	17.355135	81.016368	10.72	IV	MALKARAM
227	17.366423	80.876994	11.43	II	PATWARIGUDEM	267	17.464736	81.010384	25.34	V	KATKUR EAST	307	17.365370	81.109936	11.40	II	MAMILLAVARIGUDEM
228	17.376747	80.926318	9.85	II	PATWARIGUDEM	268	17.470286	80.981550	17.64	II	KATKUR NORTH	308	17.344427	81.072870	30.29	V	MAMILLAVARIGUDEM
229	17.367426	80.893402	15.89	II	PATWARIGUDEM	269	17.470221	80.984922	9.45	II	KATKUR NORTH	309	17.363055	81.067112	30.56	II	THIRUMALAKUNTA
230	17.371547	80.916942	27.80	III	PATWARIGUDEM	270	17.500948	80.948738	48.91	III	KATKUR NORTH	310	17.376350	81.036555	23.57	IV	THIRUMALAKUNTA
231	17.359347	80.888061	19.96	IV	PATWARIGUDEM	271	17.506627	80.949421	25.18	III	KATKUR NORTH	311	17.351632	81.029192	21.38	IV	THIRUMALAKUNTA
232	17.372132	80.913339	50.88	IV	PATWARIGUDEM	272	17.462722	80.978043	54.38	IV	KATKUR SOUTH	312	17.357479	81.034840	16.53	IV	THIRUMALAKUNTA
233	17.369441	80.879812	5.33	IV	PATWARIGUDEM	273	17.449924	80.994800	5.85	IV	KATKUR SOUTH	313	17.360137	81.041239	11.67	IV	THIRUMALAKUNTA
234	17.348519	80.899222	18.64	IV	PATWARIGUDEM	274	17.430332	81.003973	8.06	IV	KATKUR SOUTH	314	17.364478	81.026593	9.80	IV	THOGUDEM THIRUMALAKUNTA
												315	17.377921	81.001599	14.50	IV	THOGUDEM THIRUMALAKUNTA
												316	17.378418	81.003759	10.81	IV	THOGUDEM THIRUMALAKUNTA
												317	17.377031	81.025859	8.81	IV	THOGUDEM THIRUMALAKUNTA

# Map Showing Suitability Index for Construction of SMC Works of Achuthapuram Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
75	17.228202	81.087102	24.10	II
76	17.227452	81.071155	30.90	II
77	17.220500	81.069806	30.76	III
78	17.242340	81.073568	36.40	III
79	17.232886	81.082281	74.41	III
80	17.223519	81.068557	12.37	IV
81	17.233114	81.065895	21.42	IV
82	17.222577	81.082193	80.13	IV
83	17.239542	81.064911	35.84	V
84	17.223789	81.086130	40.79	III

**LEGEND**

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

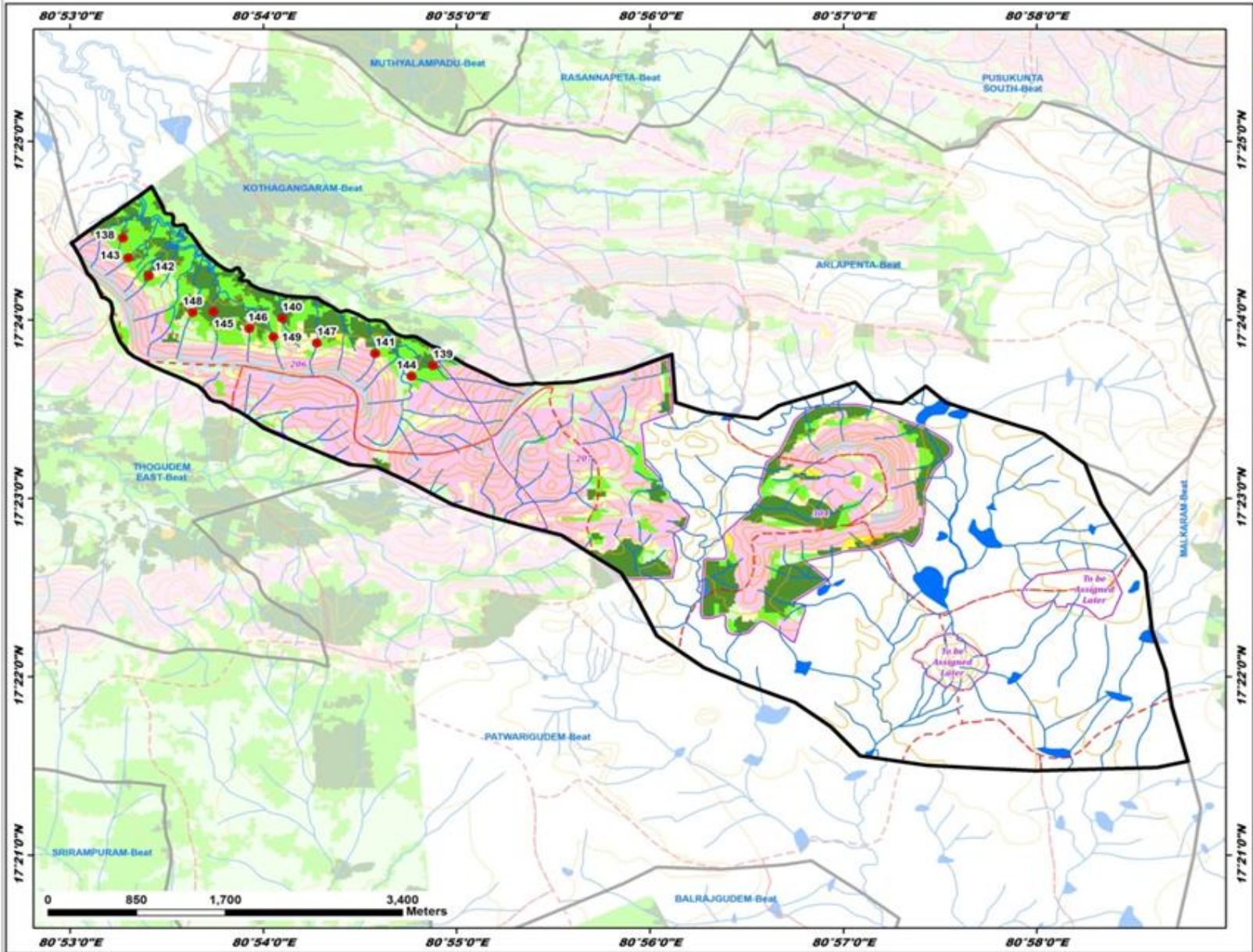
**Suitability Index**

- 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 Ankampalem Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
138	17.407674	80.887895	6.49	I
139	17.395744	80.914632	16.99	I
140	17.400169	80.901626	11.47	I
141	17.396066	80.909036	5.63	II
142	17.404134	80.890129	6.06	II
143	17.405792	80.888359	5.12	II
144	17.394736	80.912773	16.15	II
145	17.400793	80.895705	27.20	II
146	17.399196	80.896803	4.95	IV
147	17.397942	80.904614	6.41	IV
148	17.400704	80.899901	8.27	IV
149	17.398429	80.900076	7.39	IV

**LEGEND**

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

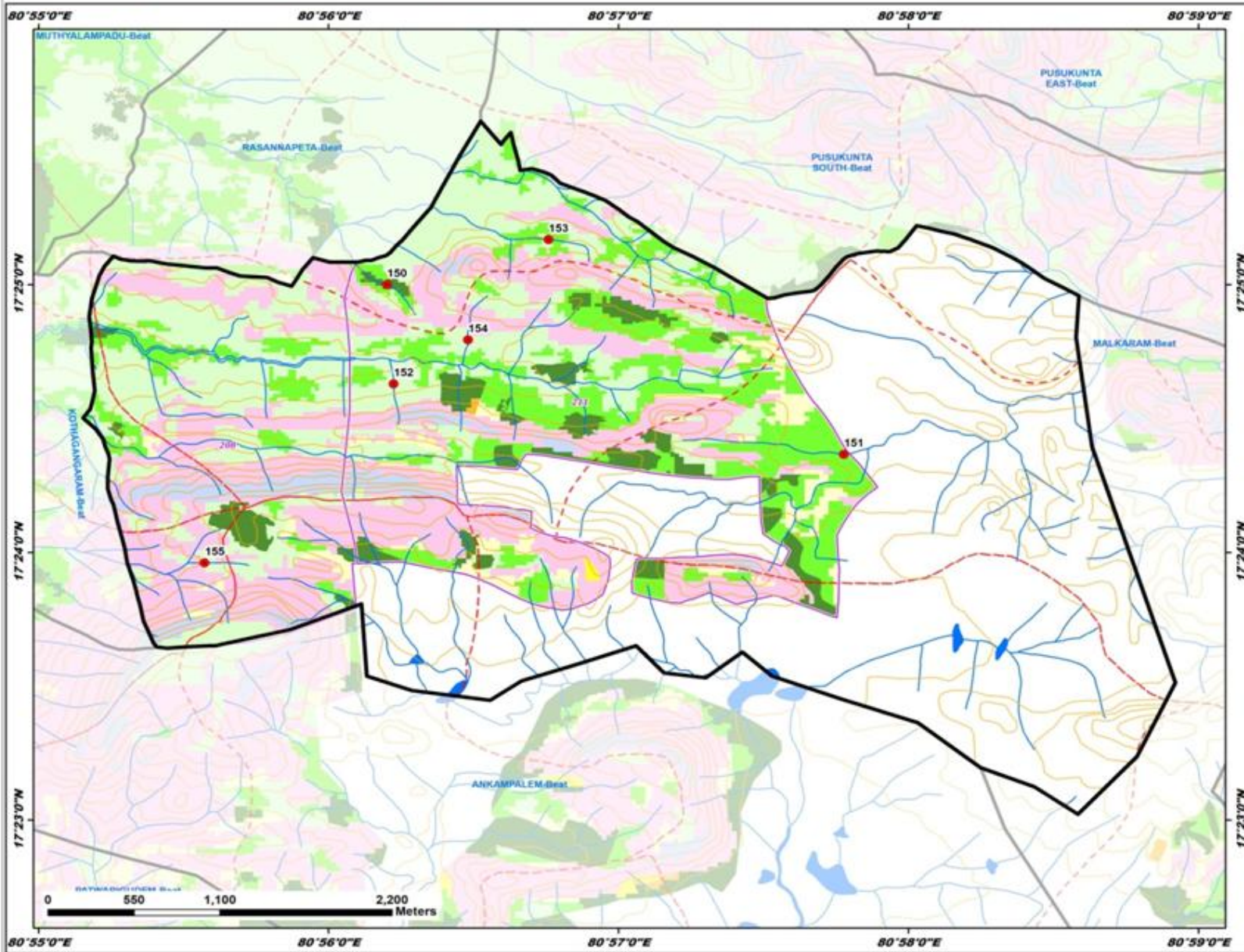
**Suitability Index**

- 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 Arlapenta Beat



Division : Paloncha  
Range : Dammapeta



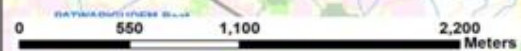
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
150	17.416689	80.936700	15.20	I
151	17.406118	80.962971	46.18	III
152	17.420502	80.937081	6.96	IV
153	17.419489	80.949980	8.04	IV
154	17.433252	80.941953	11.99	IV
155	17.399351	80.926210	10.80	IV

**LEGEND**

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

**Suitability Index**

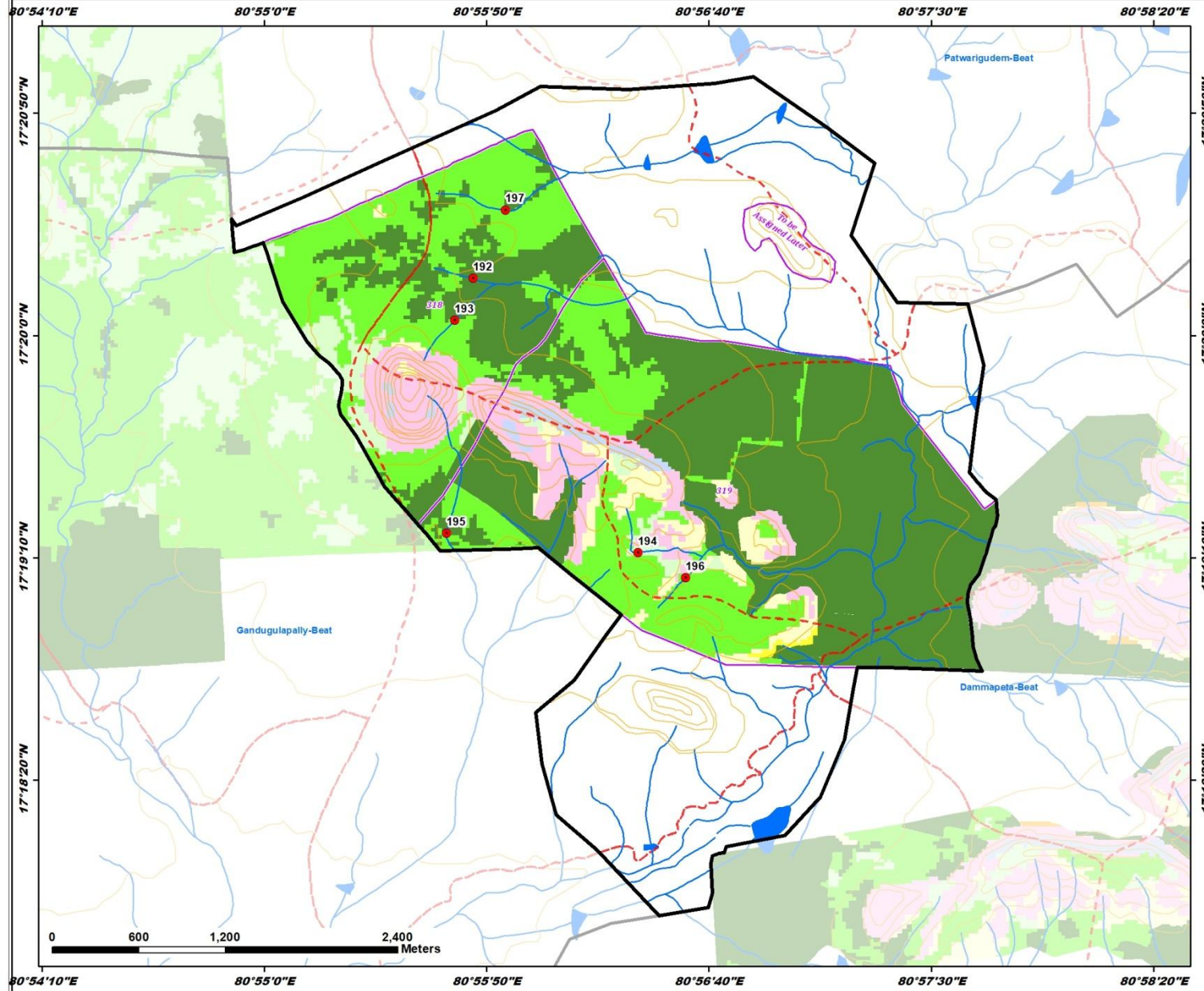
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Balrajgudem Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
192	17.336901	80.929720	11.49	I
193	17.334283	80.928551	9.48	II
194	17.319765	80.940031	13.57	II
195	17.320982	80.928060	43.47	II
196	17.318202	80.942993	11.18	II
197	17.341179	80.931728	33.71	II

**LEGEND**

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

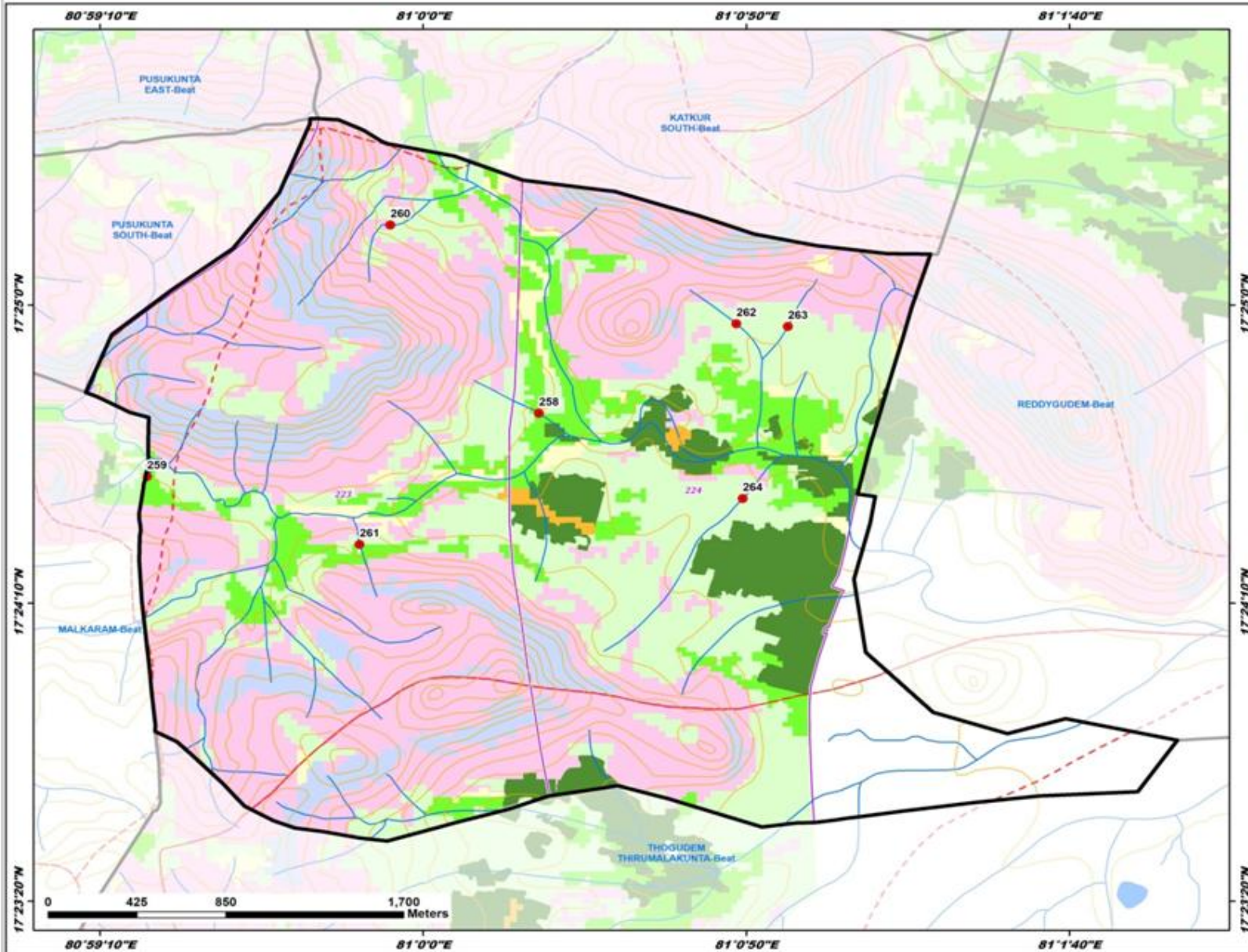
**Suitability Index**

- 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 Bandarugumpu Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
258	17.411631	81.004974	14.13	II
259	17.408687	80.988128	4.63	II
260	17.420401	80.998095	16.99	IV
261	17.409525	80.997272	5.35	IV
262	17.415805	81.013460	14.57	IV
263	17.415678	81.015679	12.72	IV
264	17.407661	81.013738	50.68	V

**LEGEND**

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

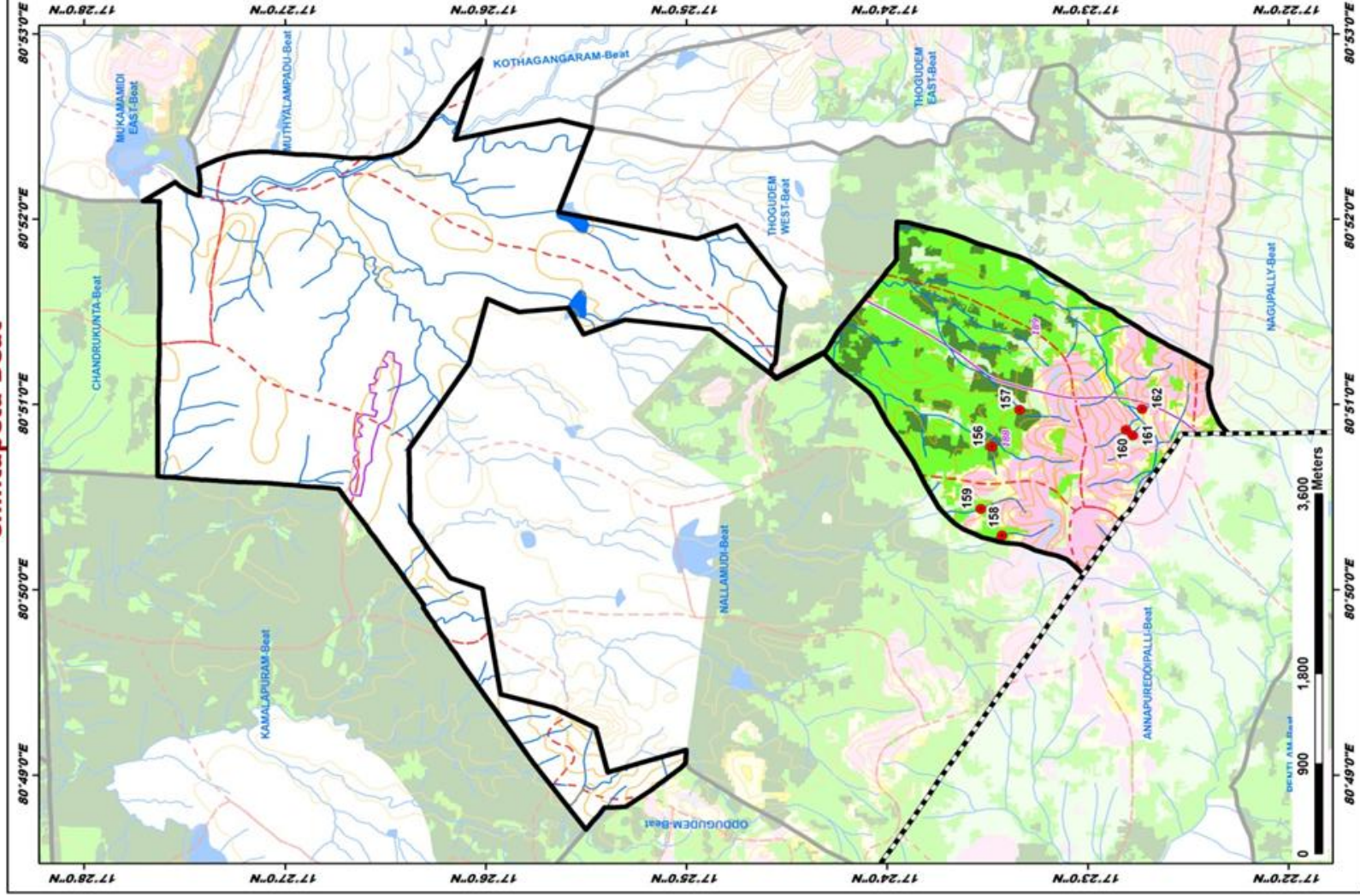
**Suitability Index**

- 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 Chintapeta Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
156	17.391288	80.846230	7.41	I
157	17.390002	80.849558	22.66	I
158	17.390462	80.838258	21.88	II
159	17.392215	80.840630	18.36	II
160	17.380162	80.847746	11.06	IV
161	17.379609	80.847253	8.37	IV
162	17.378838	80.849634	10.09	IV

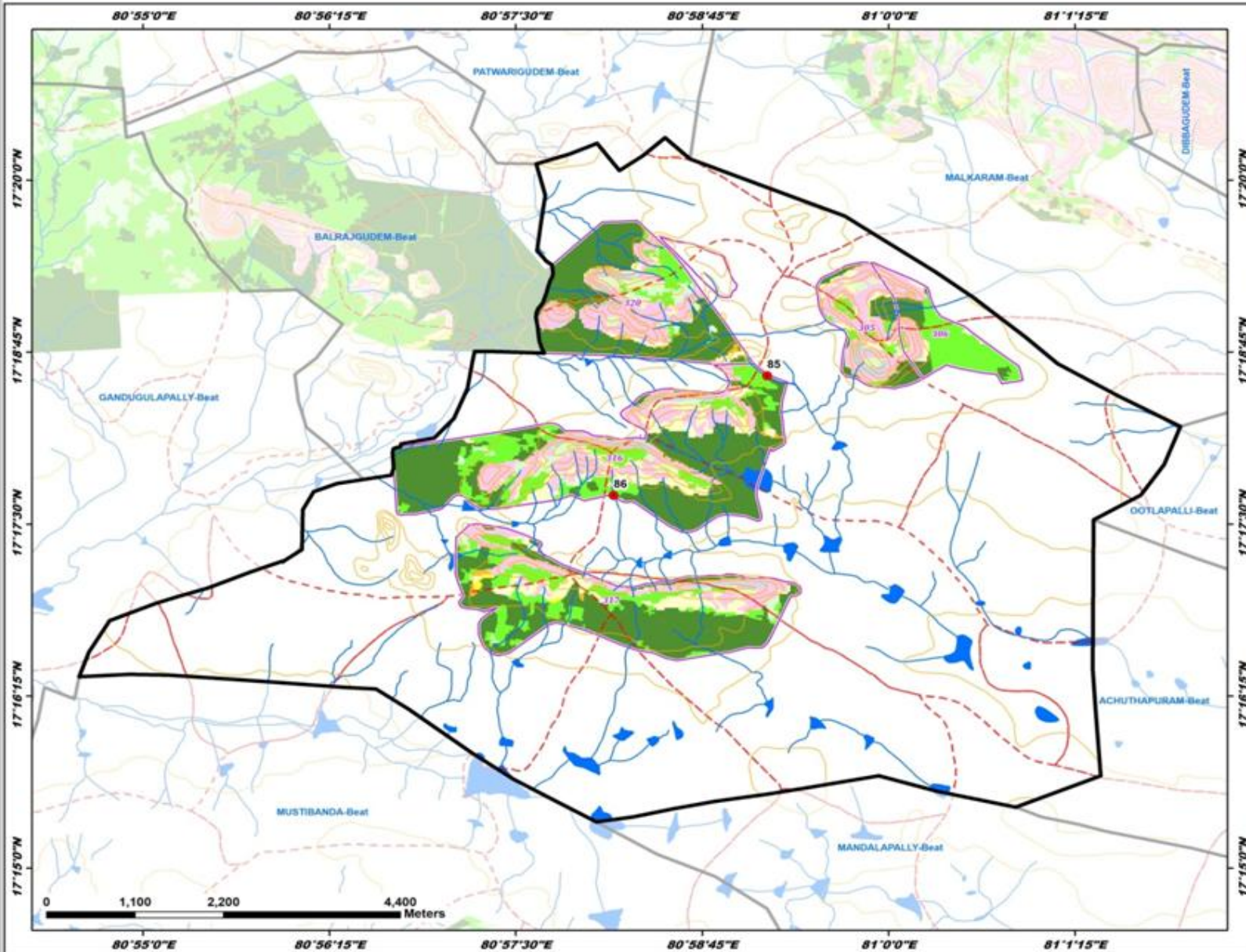
### LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Dammapeta Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
85	17.309644	80.966446	11.52	I
86	17.295146	80.969283	11.90	II

**LEGEND**

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

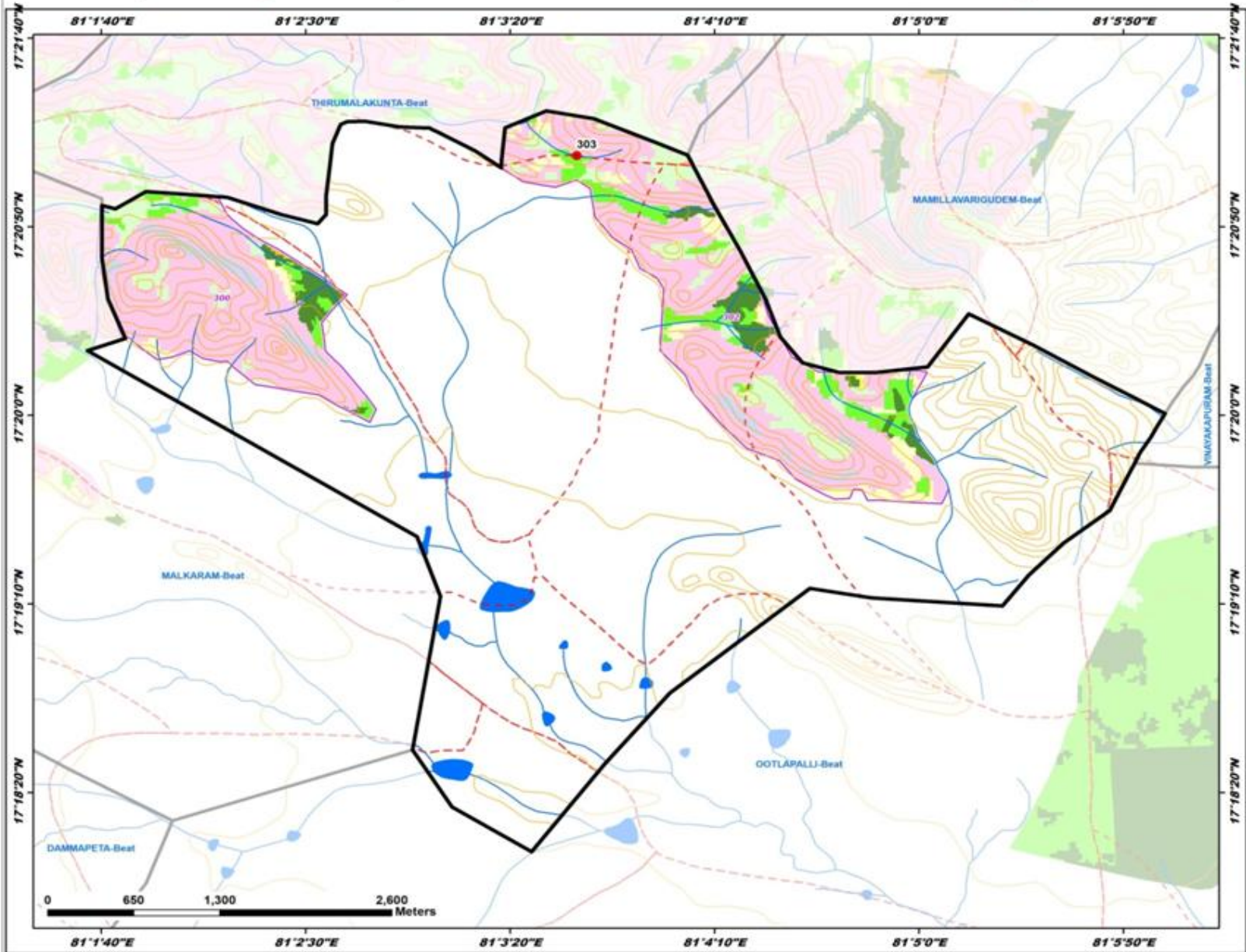
**Suitability Index**

- 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 Dibbagudem Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
303	17.352460	81.060092	22.20	II

**LEGEND**

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

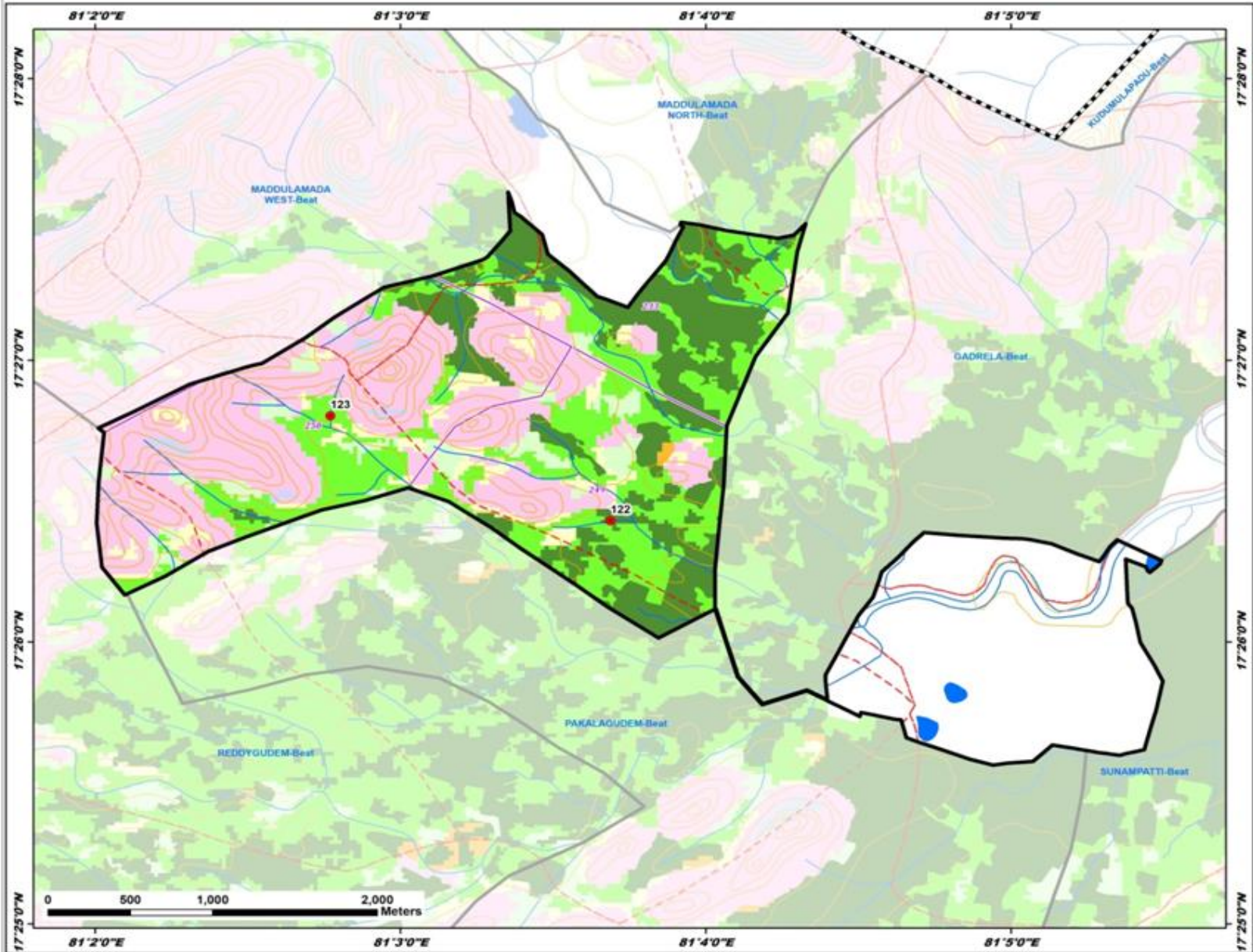
**Suitability Index**

- 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 Duradapadu Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
122	17.44593	81.061481	10.27	I
123	17.446714	81.046184	15.31	II

**LEGEND**

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

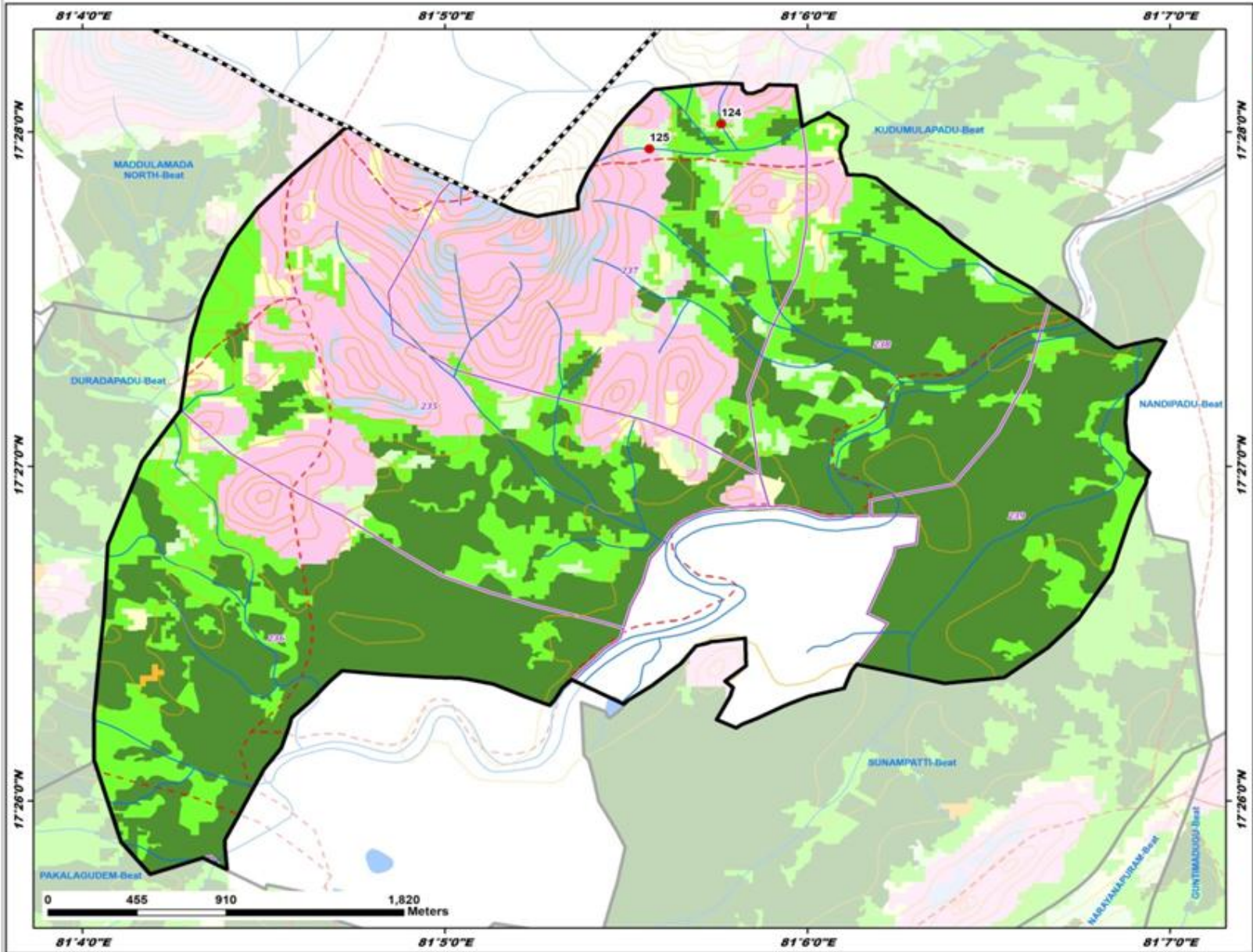
**Suitability Index**

- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - 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 Gadrela Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
124	17.467066	81.096040	19.19	II
125	17.465826	81.092738	12.19	IV

**LEGEND**

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

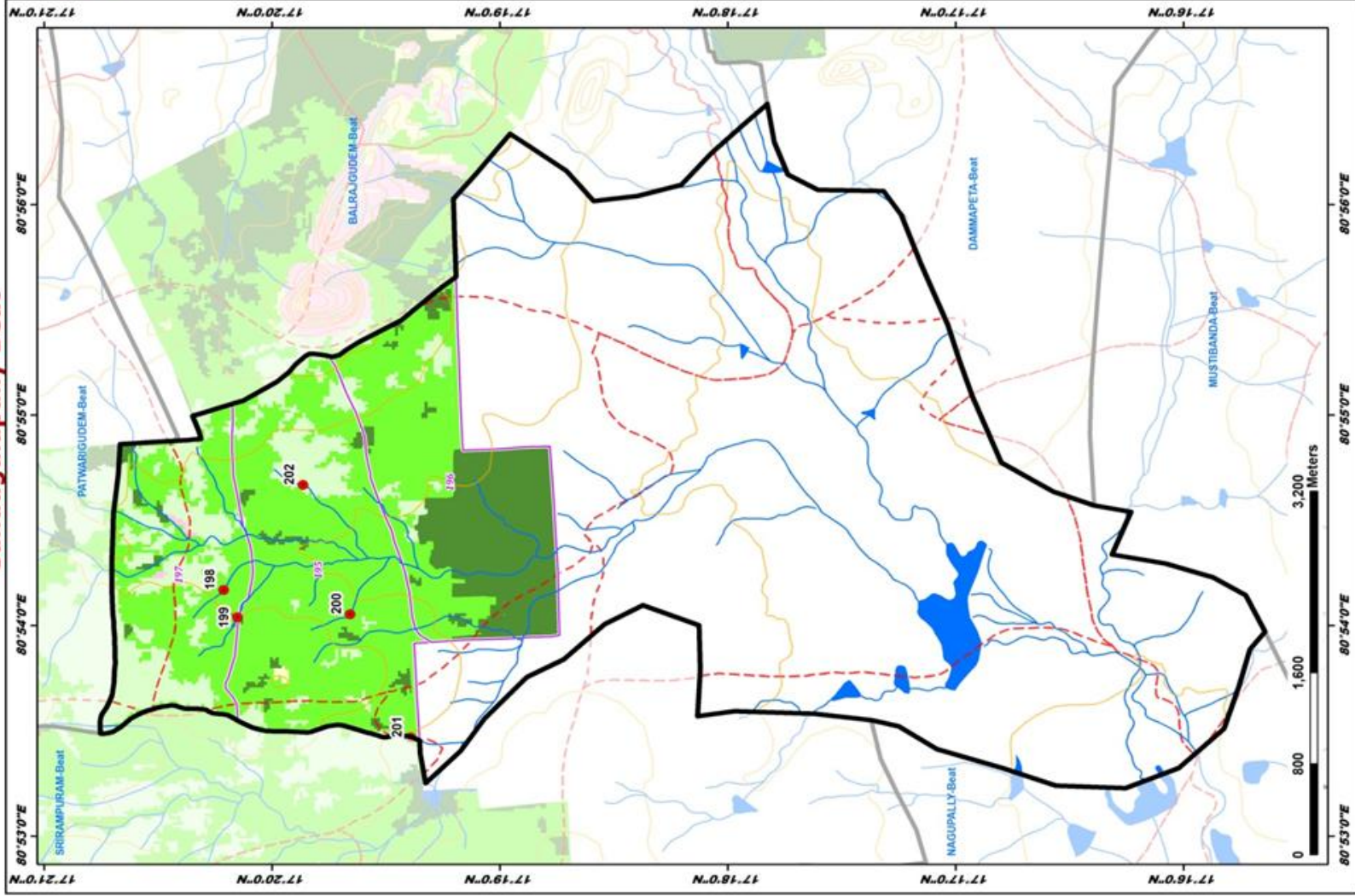
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Gandugulapally Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
198	17.33689	80.90247	11.79	II
199	17.33559	80.90069	25.59	II
200	17.32725	80.90020	9.75	II
201	17.32374	80.89168	34.52	III
202	17.33100	80.91174	47.53	V

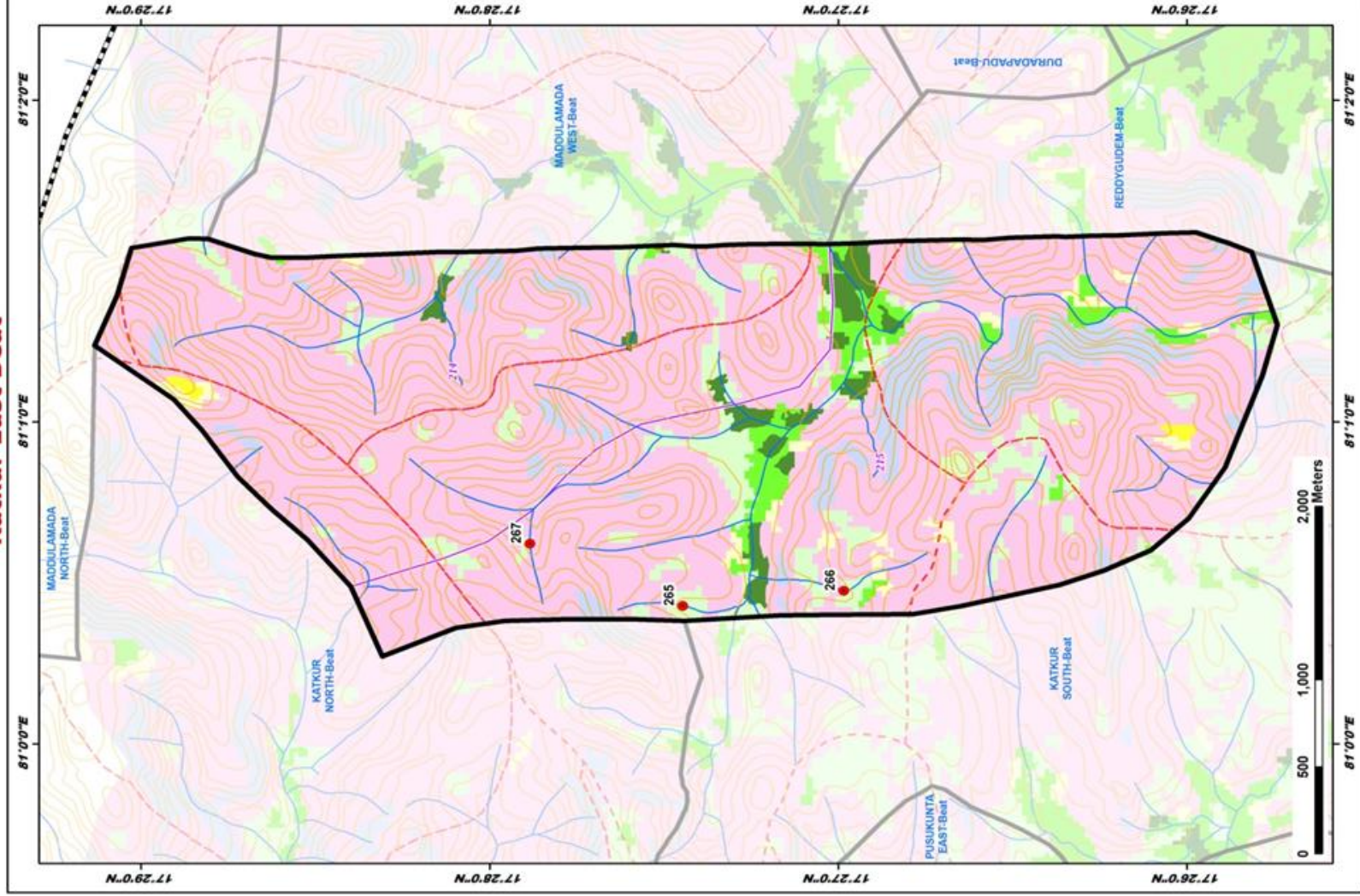
### LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability index for Construction of SMC Works of Katkur East Beat



Division : Paloncha  
Range : Dammameta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
265	17.657032	81.007151	24.82	IV
266	17.469736	81.007938	30.73	V
267	17.464736	81.010384	25.34	V

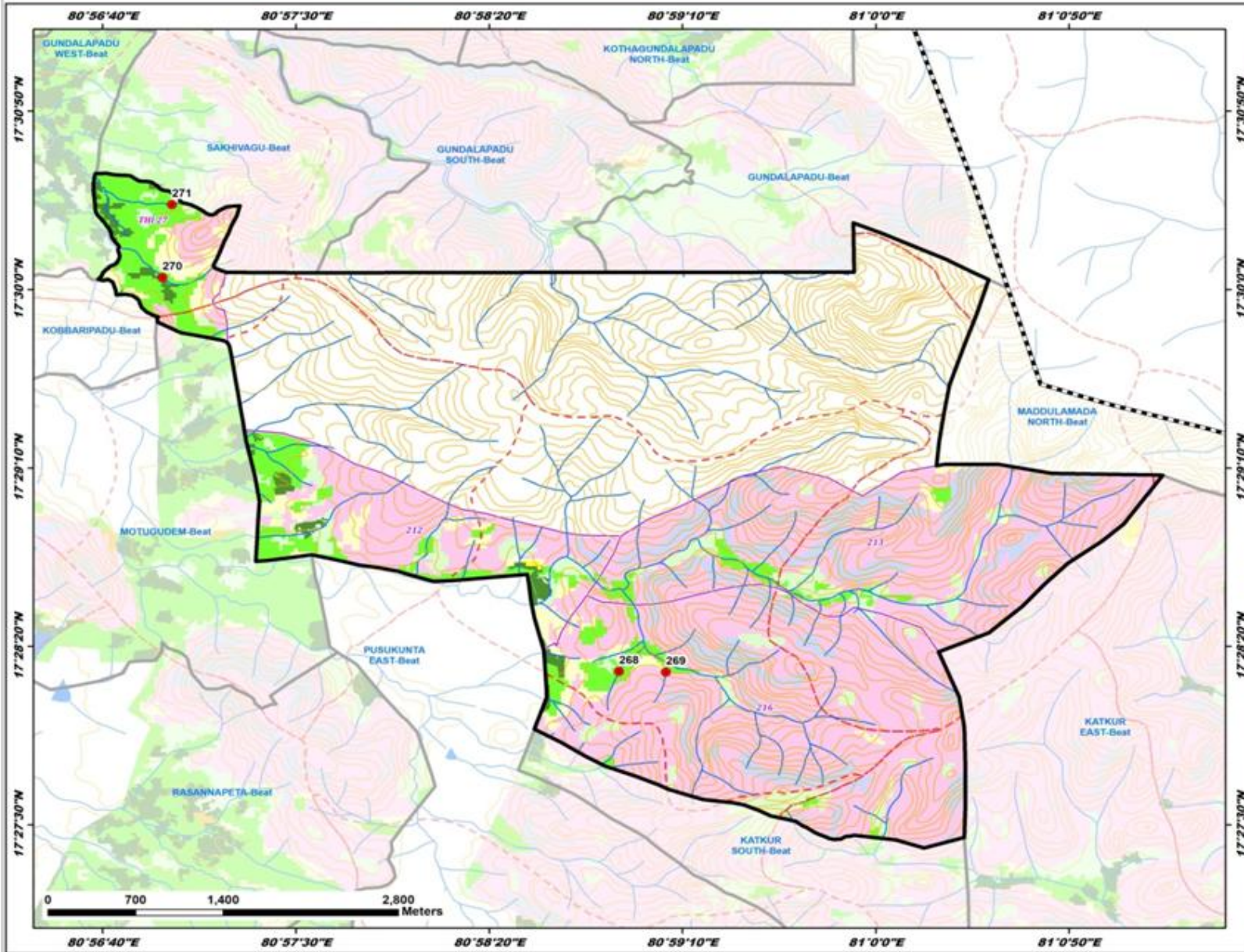
### LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Katkur North Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
268	17.470286	80.981550	17.64	II
269	17.470221	80.984922	9.45	II
270	17.500948	80.948738	48.91	III
271	17.506627	80.949421	25.18	III

**LEGEND**

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

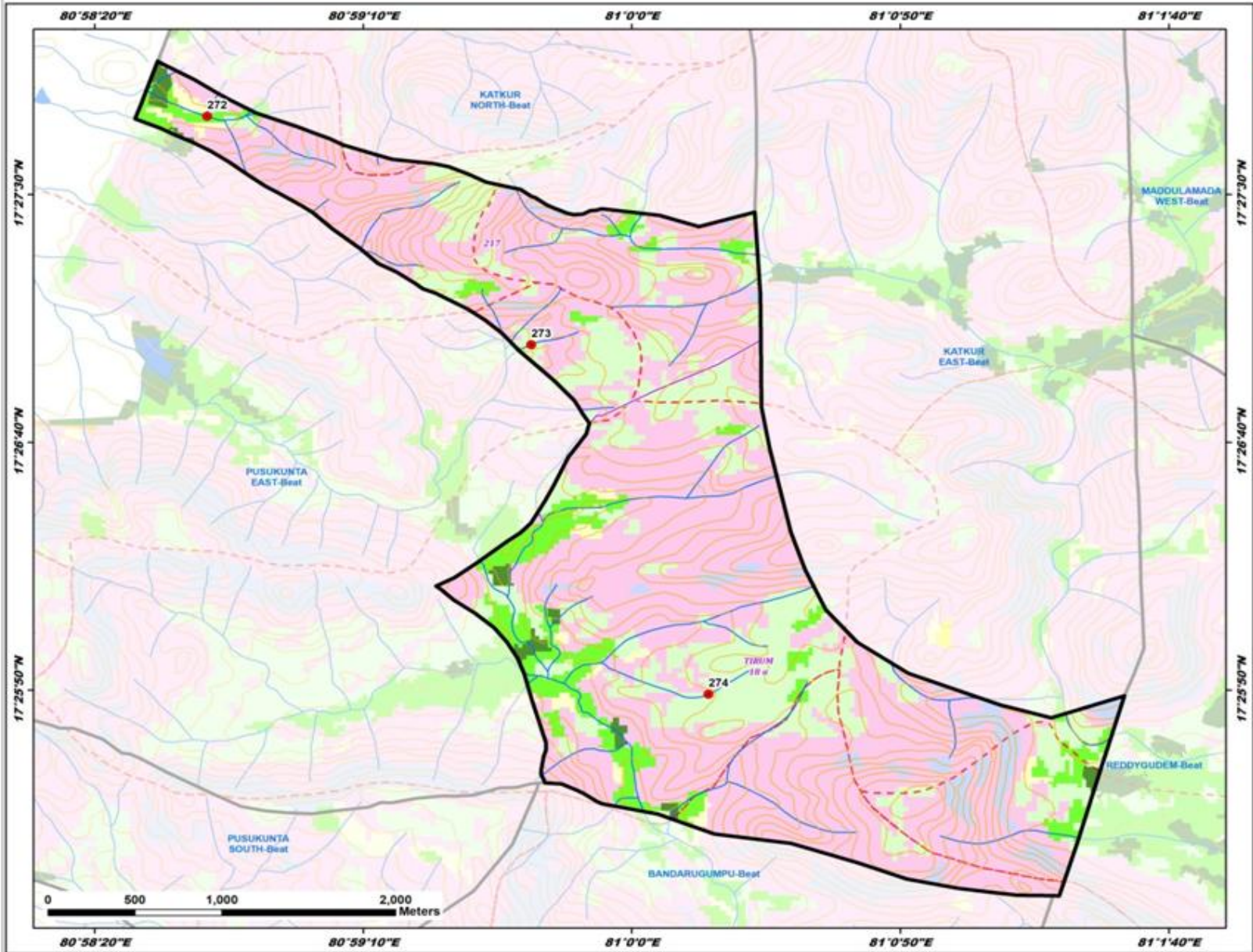
**Suitability Index**

- 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 Katkur South Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
272	17.462722	80.978043	54.38	IV
273	17.449924	80.994800	5.85	IV
274	17.430332	81.003973	8.06	IV

**LEGEND**

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

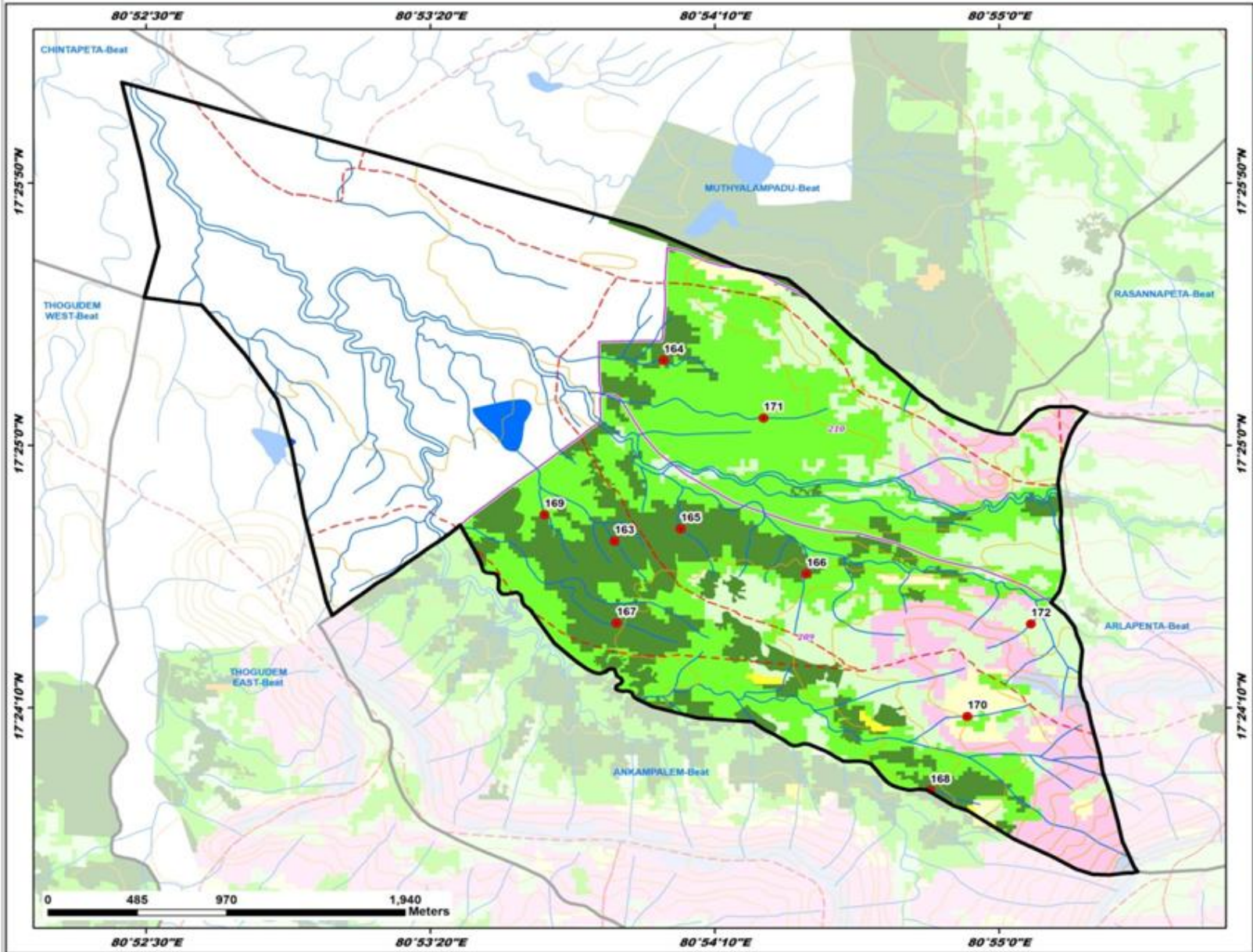
**Suitability Index**

- CCTs/STs - Highly Suitable
- CCTs/STs - Moderately Suitable
- CCTs/STs - 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 Kothagangaram Beat



Division : Paloncha  
Range : Dammapeta



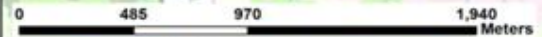
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
163	17.411614	80.897894	6.03	I
164	17.421180	80.900297	22.17	I
165	17.412263	80.901227	10.92	I
166	17.409876	80.907278	8.13	I
167	17.407278	80.897988	6.99	I
168	17.398425	80.913325	7.53	I
169	17.413012	80.894478	6.09	II
170	17.402325	80.915188	6.74	II
171	17.418136	80.905178	28.58	III
172	17.407224	80.918297	5.65	IV

**LEGEND**

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

**Suitability Index**

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

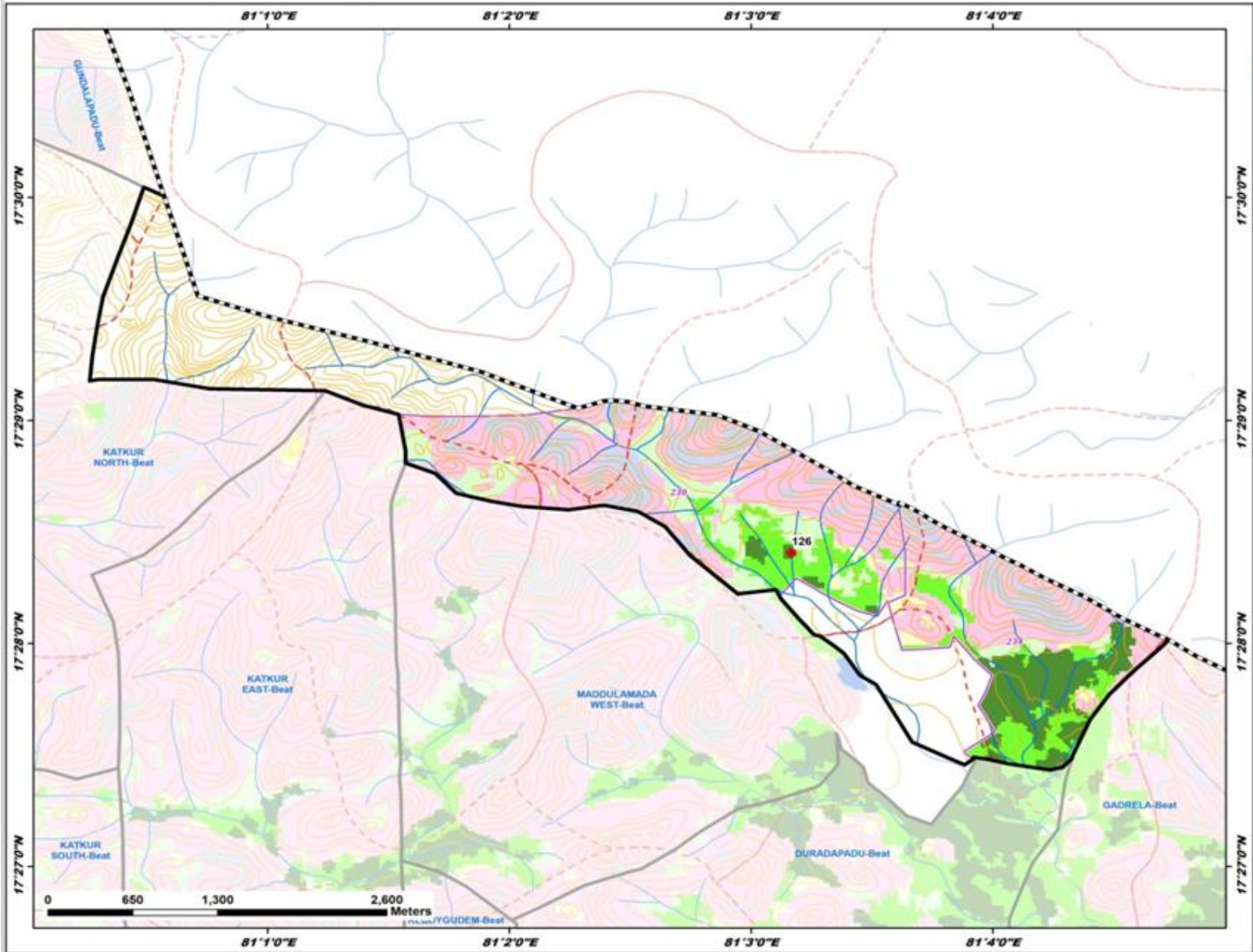


Map coordinates: Longitude (80°52'30"E to 80°55'0"E) and Latitude (17°24'10"N to 17°25'50"N).

# Map Showing Suitability Index for Construction of SMC Works of Maddulamada North Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
126	17.473440	81.052805	16.71	i

**LEGEND**

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

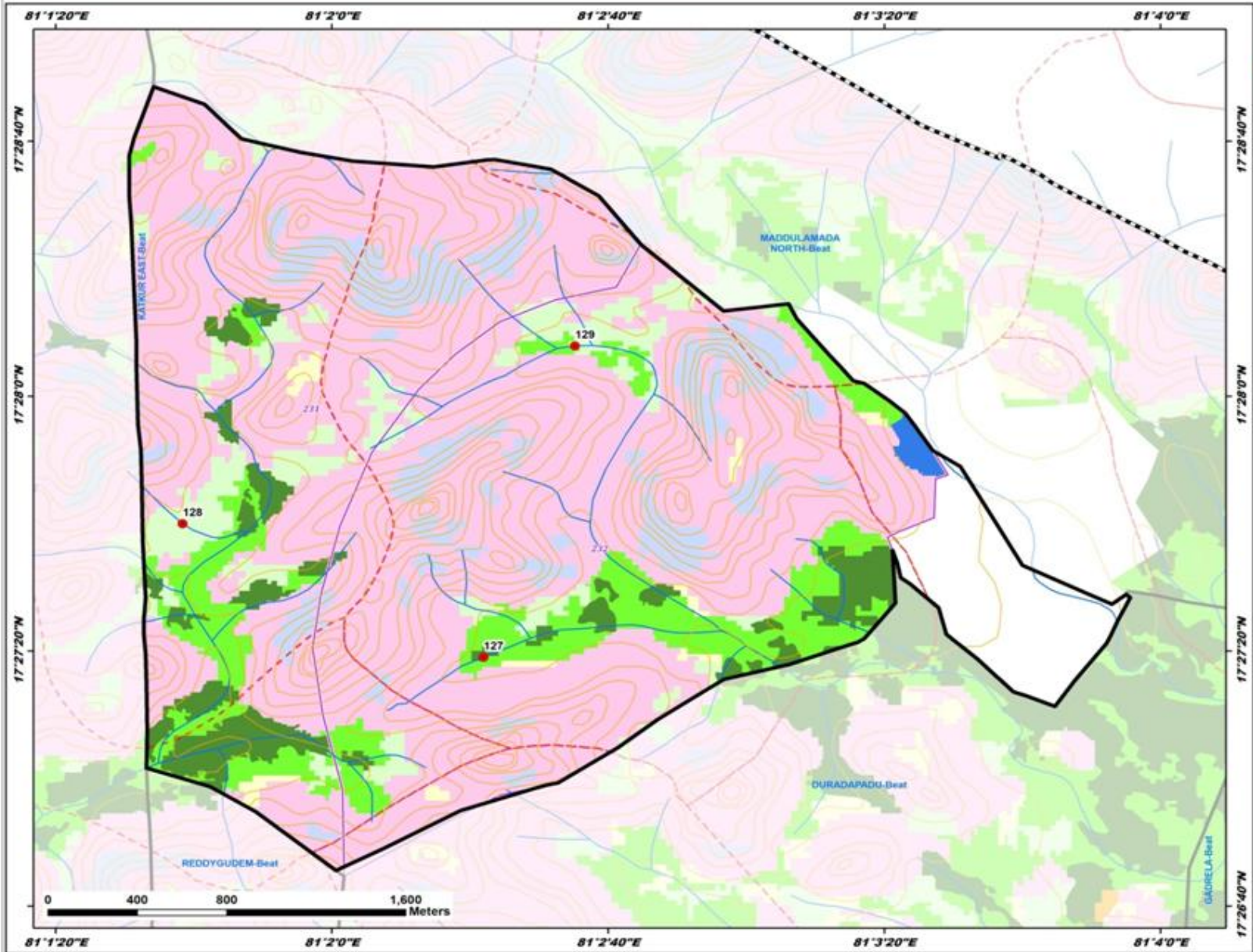
**Suitability Index**

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

# Map Showing Suitability Index for Construction of SMC Works of Maddulamada West Beat



Division : Paloncha  
Range : Dammapeta



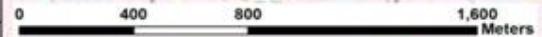
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
127	17.455287	81.089434	38.95	III
128	17.461130	81.027381	12.61	IV
129	17.468855	81.043116	98.19	V

**LEGEND**

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

**Suitability Index**

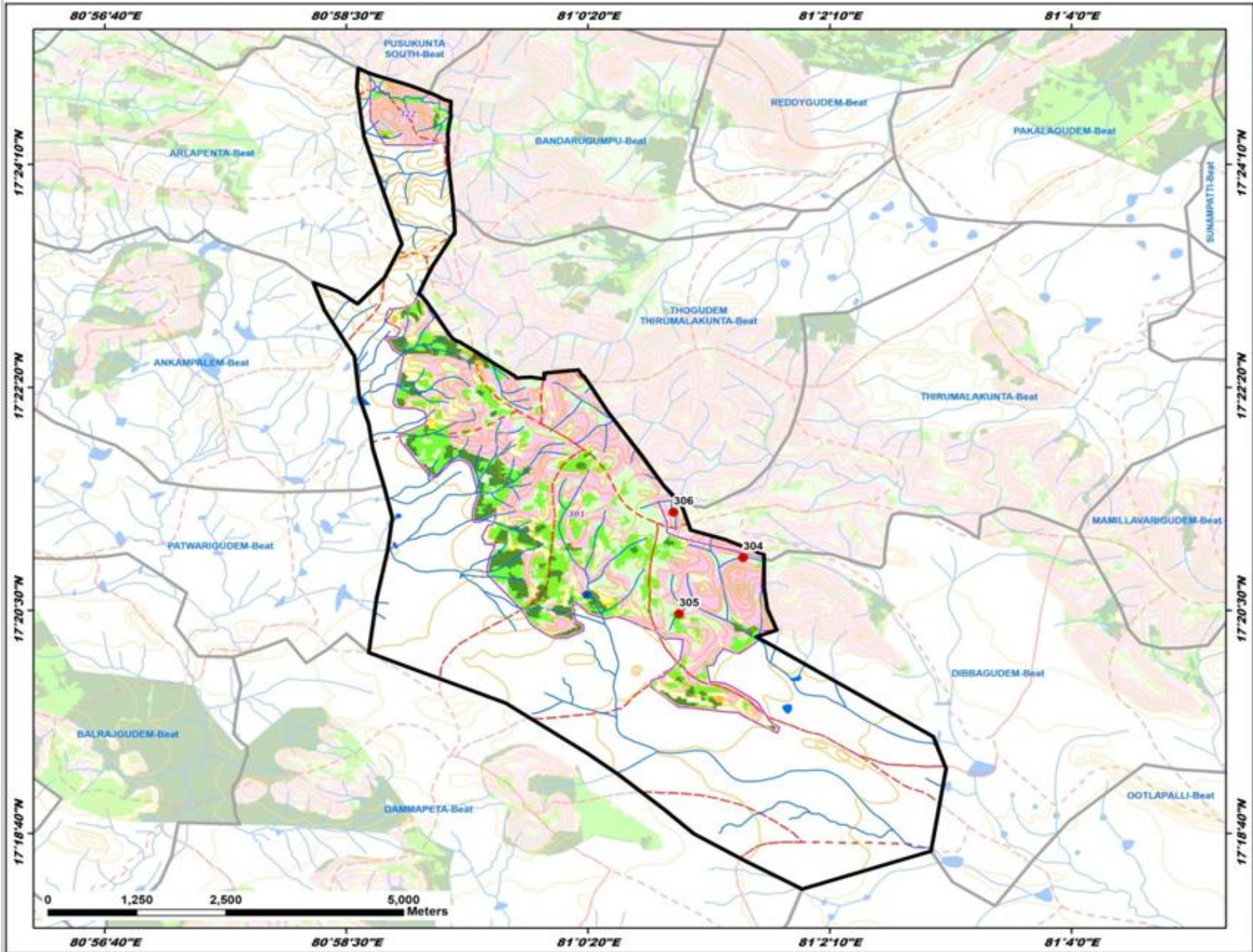
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Malkaram Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
304	17.348990	81.025203	19.13	IV
305	17.343197	81.017072	13.26	IV
306	17.355135	81.016968	10.72	IV

**LEGEND**

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

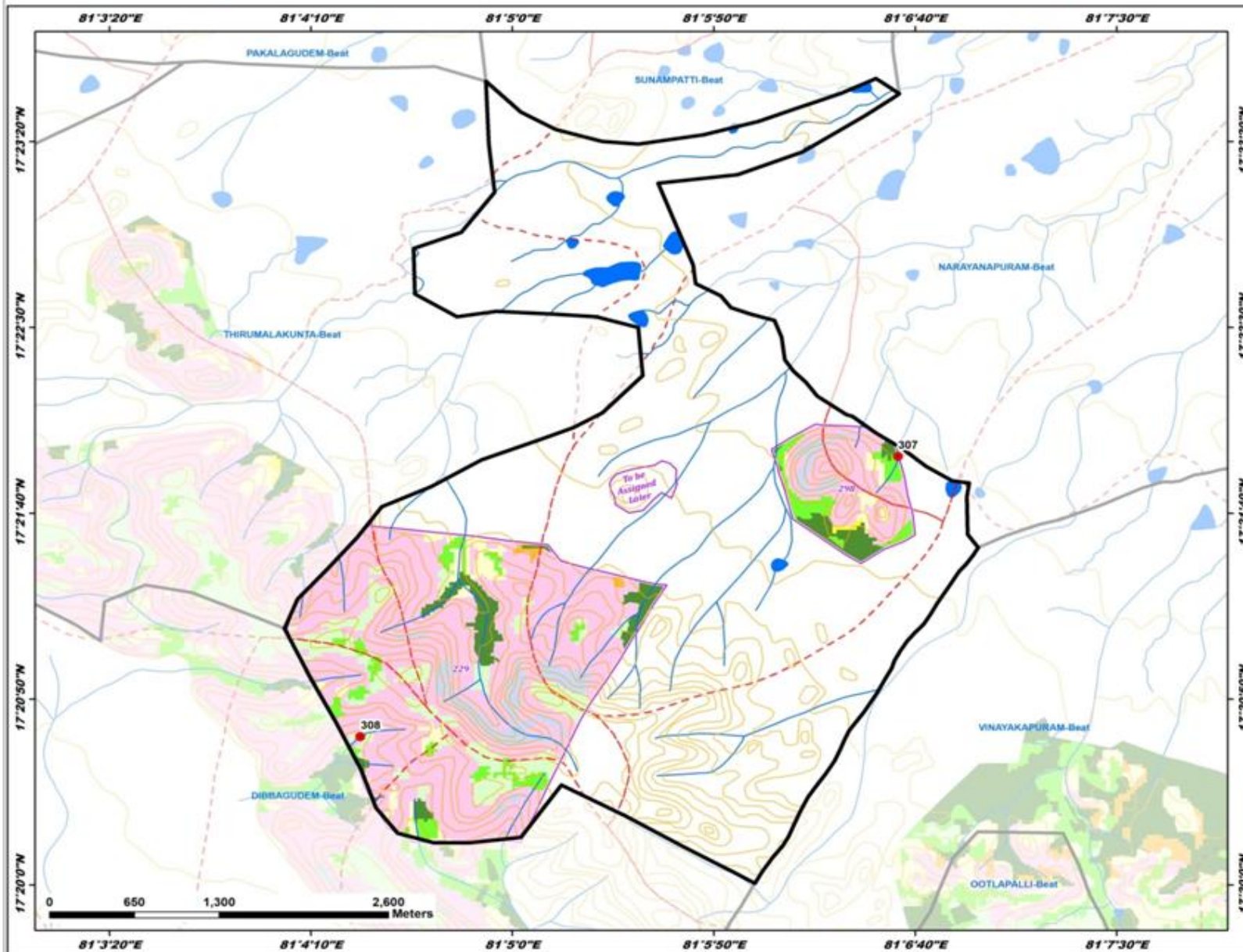
**Suitability Index**

- CCTs/STCs - Highly Suitable
- CCTs/STCs - Moderately Suitable
- CCTs/STCs - 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 Mamillavarigudem Beat



Division : Paloncha  
Range : Dammapeta



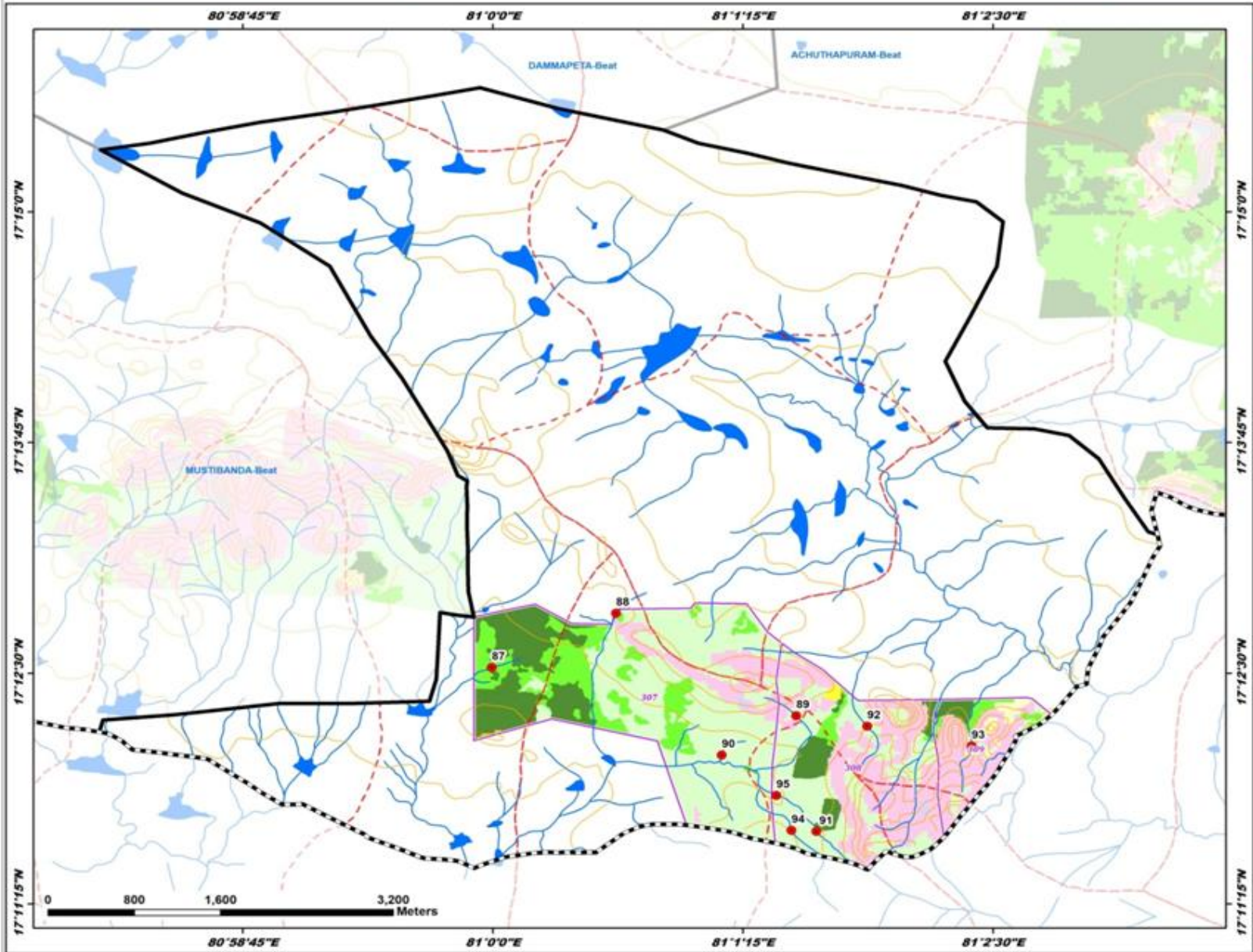
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
307	17.365370	81.109996	11.40	II
308	17.344427	81.072870	30.29	V

- 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 Mandalapally Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
87	17.208851	80.999950	23.17	II
88	17.213753	81.050285	30.52	III
89	17.204905	81.025289	9.07	IV
90	17.200959	81.019094	21.27	IV
91	17.194071	81.026959	14.34	IV
92	17.203566	81.031209	16.74	IV
93	17.201765	81.039915	8.71	IV
94	17.194154	81.024893	38.51	V
95	17.197307	81.023643	46.02	V

**LEGEND**

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

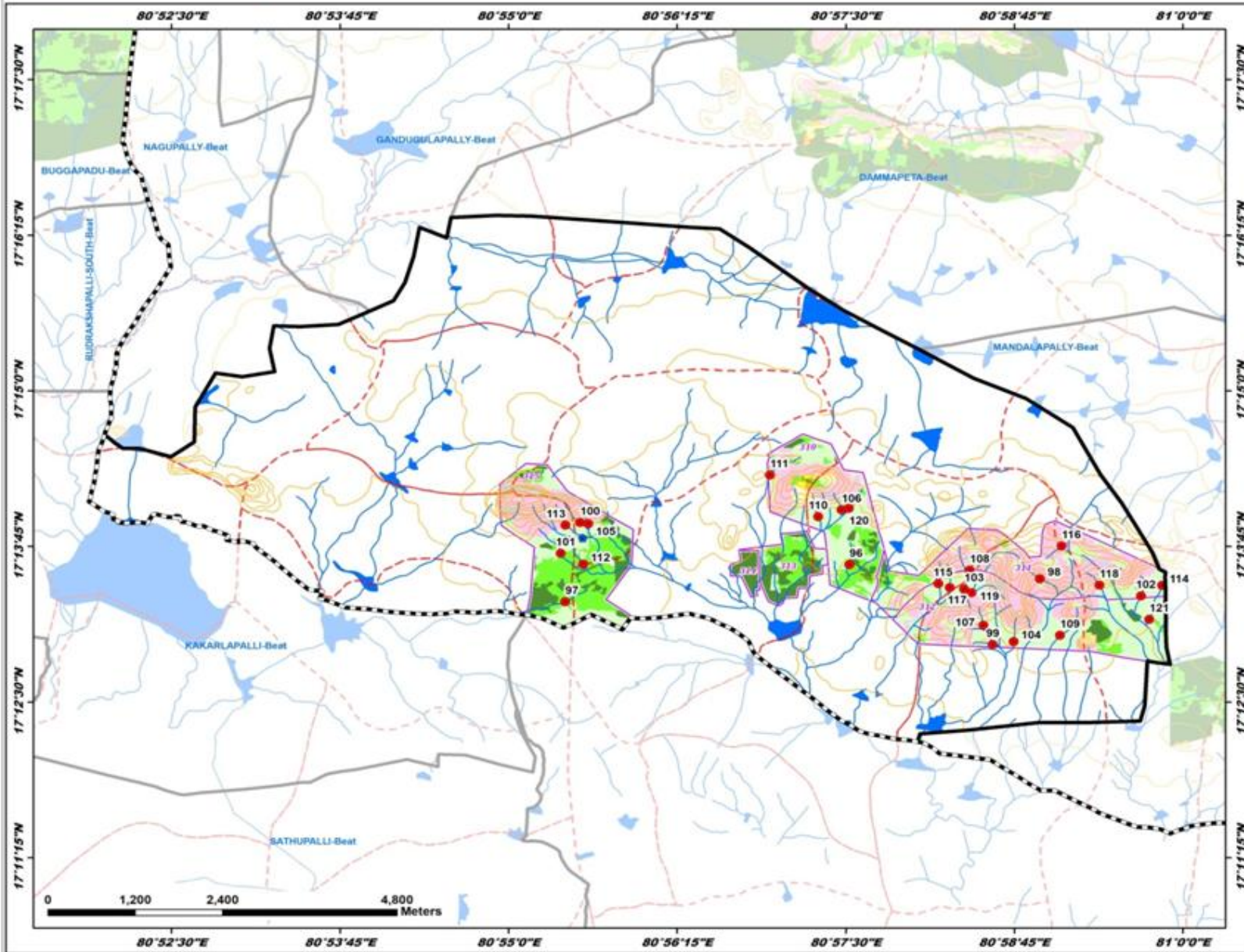
**Suitability Index**

- 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 Mustibanda Beat



Division : Paloncha  
Range : Dammapeta



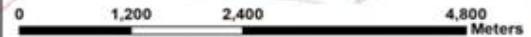
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
96	17.226763	80.958807	15.70	II
97	17.221790	80.923664	35.43	III
98	17.224872	80.982340	11.48	IV
99	17.216047	80.976520	5.29	IV
100	17.232400	80.925509	4.83	IV
101	17.228253	80.923125	13.28	IV
102	17.222553	80.994835	10.69	IV
103	17.223489	80.972980	11.65	IV
104	17.216445	80.979092	7.41	IV
105	17.232214	80.926510	5.01	IV
106	17.234078	80.957821	6.48	IV
107	17.218642	80.975358	9.16	IV
108	17.226018	80.973671	7.60	IV
109	17.217290	80.984834	10.34	IV
110	17.231178	80.954942	6.54	IV
111	17.236790	80.948970	24.47	IV
112	17.224610	80.925885	23.36	IV
113	17.232011	80.923700	5.32	IV
114	17.223957	80.997428	15.76	IV
115	17.224192	80.969789	6.64	IV
116	17.229247	80.989042	6.34	IV
117	17.223682	80.971222	8.81	IV
118	17.223997	80.989687	6.53	IV
119	17.223006	80.973895	44.09	V
120	17.234290	80.958791	42.89	V
121	17.219432	80.995850	26.64	V

**LEGEND**

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

**Suitability Index**

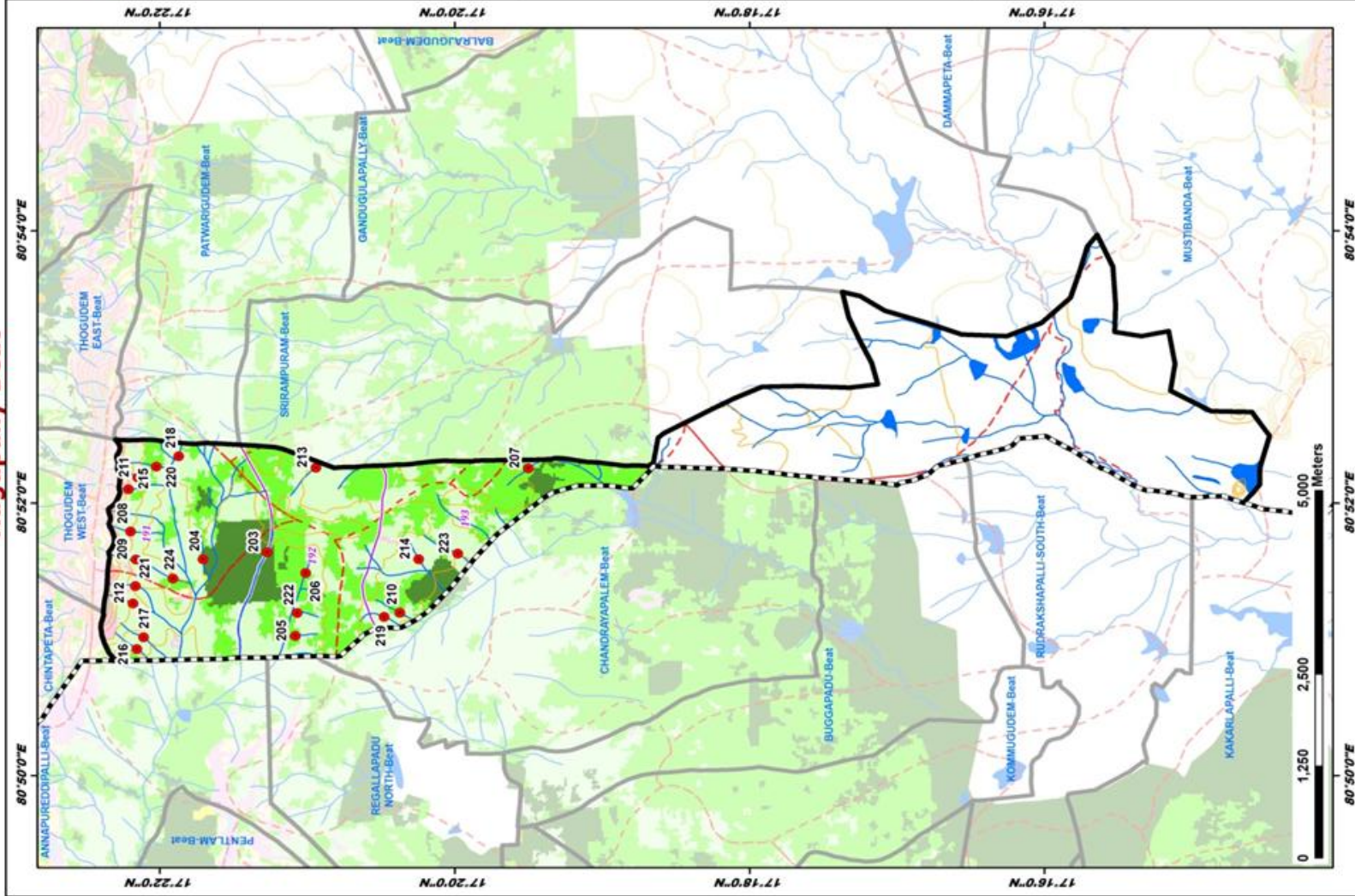
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Nagapally Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
203	17.154535	80.860697	23.17	I
204	17.161817	80.859843	14.22	II
205	17.151170	80.850451	10.62	II
206	17.150179	80.851156	37.95	III
207	17.124994	80.870666	37.19	III
208	17.169996	80.863214	7.62	IV
209	17.169195	80.859802	12.61	IV
210	17.139529	80.853287	19.33	IV
211	17.169171	80.869835	6.69	IV
212	17.169712	80.854414	8.34	IV
213	17.149021	80.871042	22.13	IV
214	17.137417	80.859844	17.26	IV
215	17.170232	80.848391	4.59	IV
216	17.169294	80.848332	9.30	IV
217	17.148529	80.850282	17.69	IV
218	17.164332	80.872461	5.45	IV
219	17.141317	80.857795	17.10	IV
220	17.167078	80.871163	11.07	IV
221	17.169460	80.856531	7.91	IV
222	17.151154	80.853242	18.84	IV
223	17.132775	80.866510	25.21	V
224	17.165208	80.857474	23.74	II

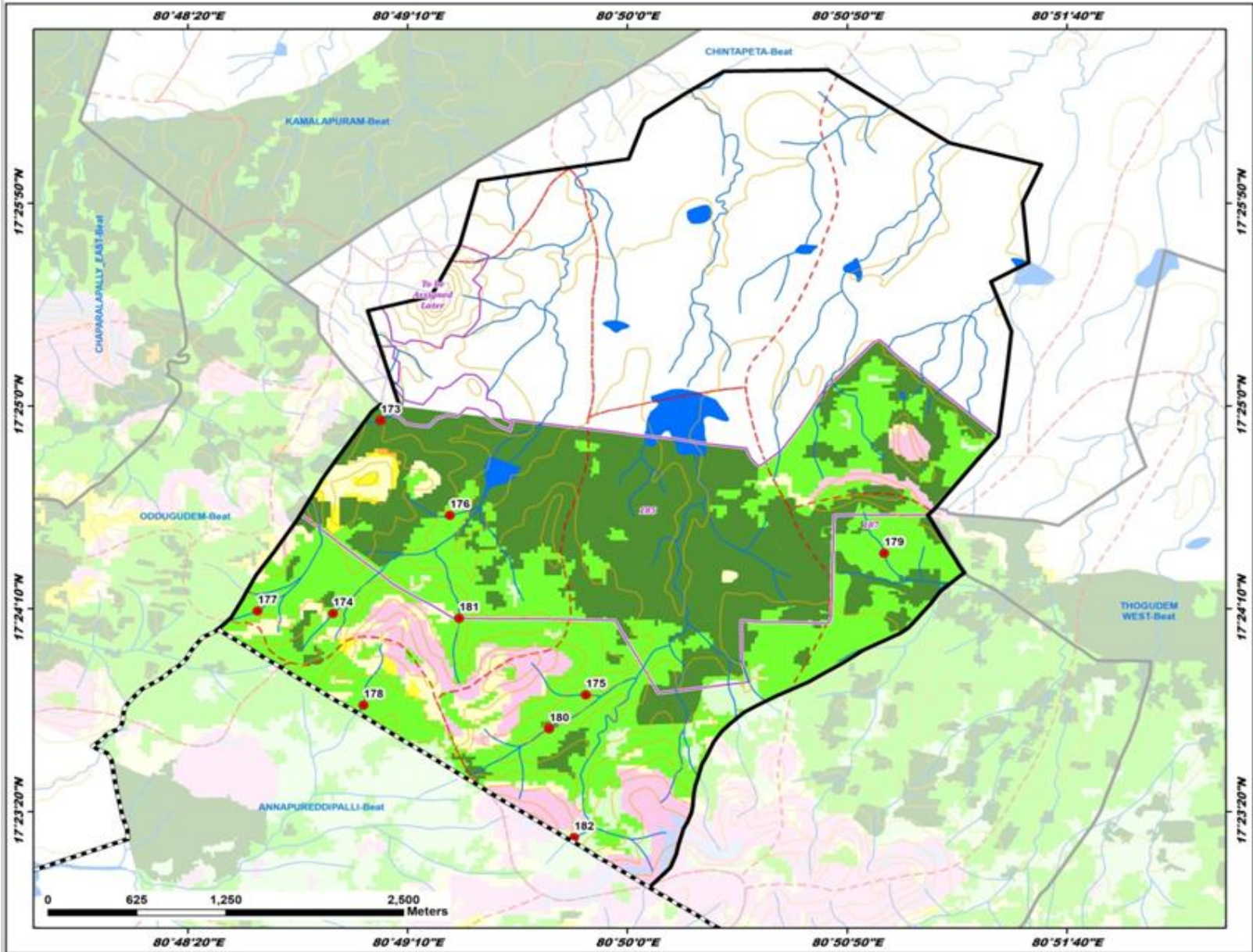
**LEGEND**

- Proposed PTIs
- Existing CD/PTIs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTIs - Highly Suitable
- PTIs - Moderately Suitable
- PTIs - Least Suitable
- MPTIs and SGP's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Nallamudi Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
173	17.435661	80.817754	11.79	I
174	17.402475	80.834793	14.77	II
175	17.396889	80.830715	12.35	II
176	17.409186	80.822118	15.66	II
177	17.402642	80.809950	13.72	II
178	17.396190	80.831651	14.89	II
179	17.405585	80.849576	19.17	II
180	17.394559	80.828404	40.33	III
181	17.402135	80.822699	29.24	III
182	17.387115	80.829973	28.60	V

**LEGEND**

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

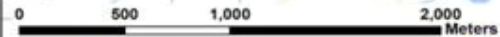
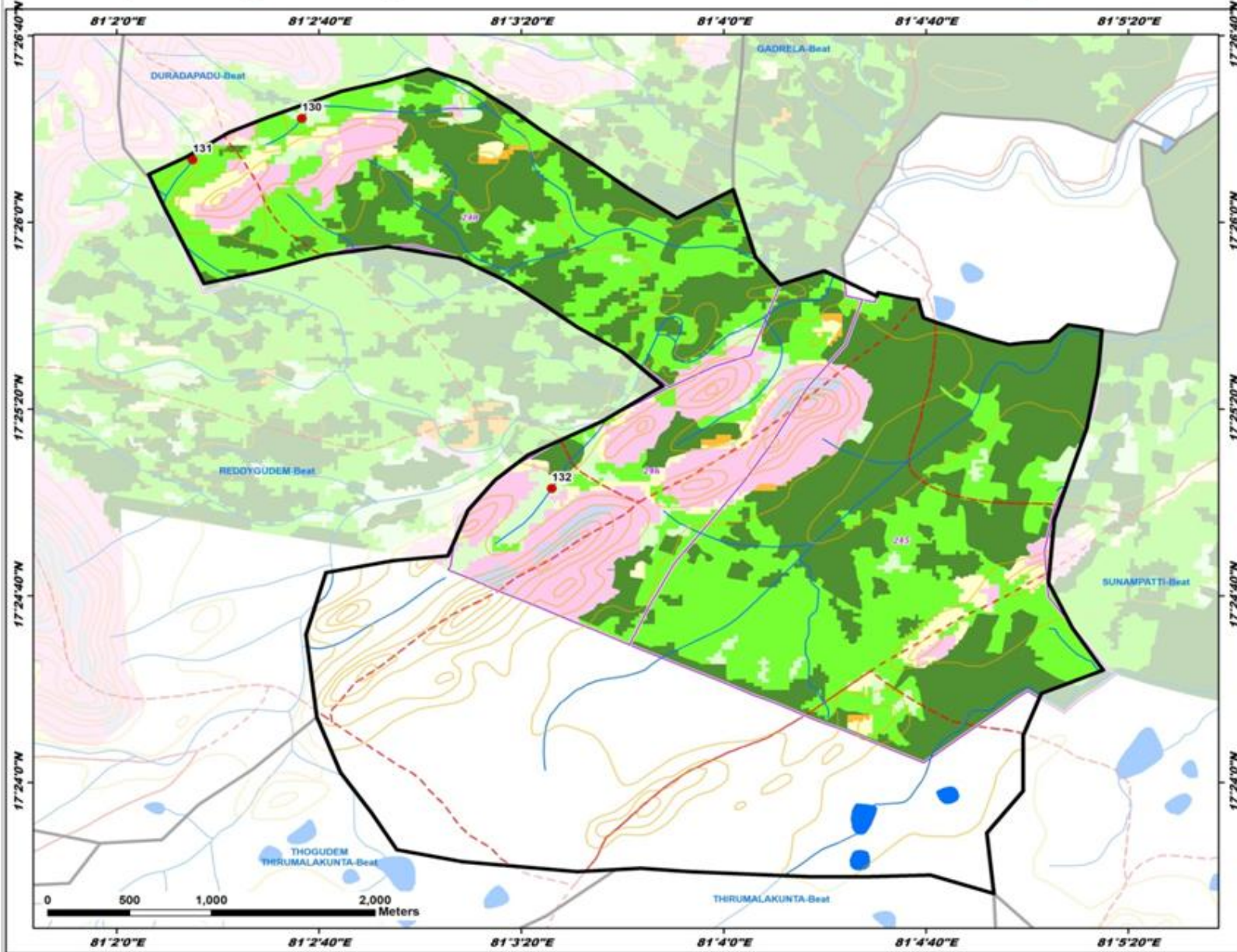
**Suitability Index**

- 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 Pakalagudem Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
130	17.439526	81.043502	10.12	II
131	17.437068	81.037506	51.20	IV
132	17.437506	81.057228	38.31	V

**LEGEND**

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

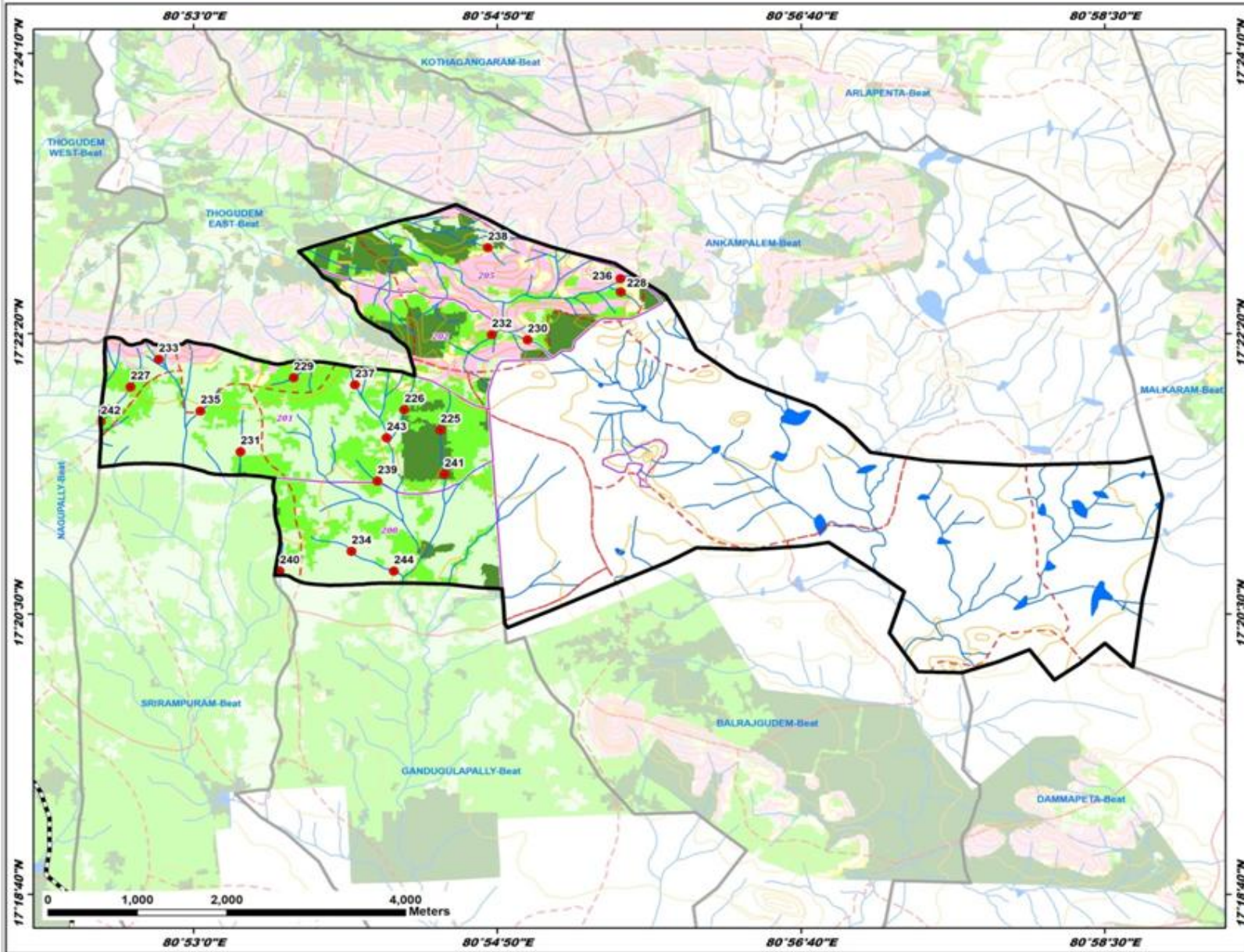
**Suitability Index**

- 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 Patwarigudem Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
225	17.361731	80.908186	22.37	I
226	17.363928	80.904565	11.47	II
227	17.366423	80.876994	11.43	II
228	17.376747	80.926318	9.85	II
229	17.367426	80.893402	15.89	II
230	17.371547	80.916942	27.80	III
231	17.359347	80.888061	19.96	IV
232	17.372132	80.913339	50.88	IV
233	17.369441	80.879812	5.33	IV
234	17.348519	80.892222	18.64	IV
235	17.363796	80.884038	15.14	IV
236	17.378233	80.926295	11.06	IV
237	17.366654	80.899581	5.78	IV
238	17.381611	80.912917	5.48	IV
239	17.356139	80.903845	16.67	IV
240	17.346361	80.892014	14.51	IV
241	17.356909	80.908588	43.11	II
242	17.362640	80.873961	26.39	III
243	17.360870	80.902760	57.68	V
244	17.346337	80.903490	37.92	V

**LEGEND**

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

**Suitability Index**

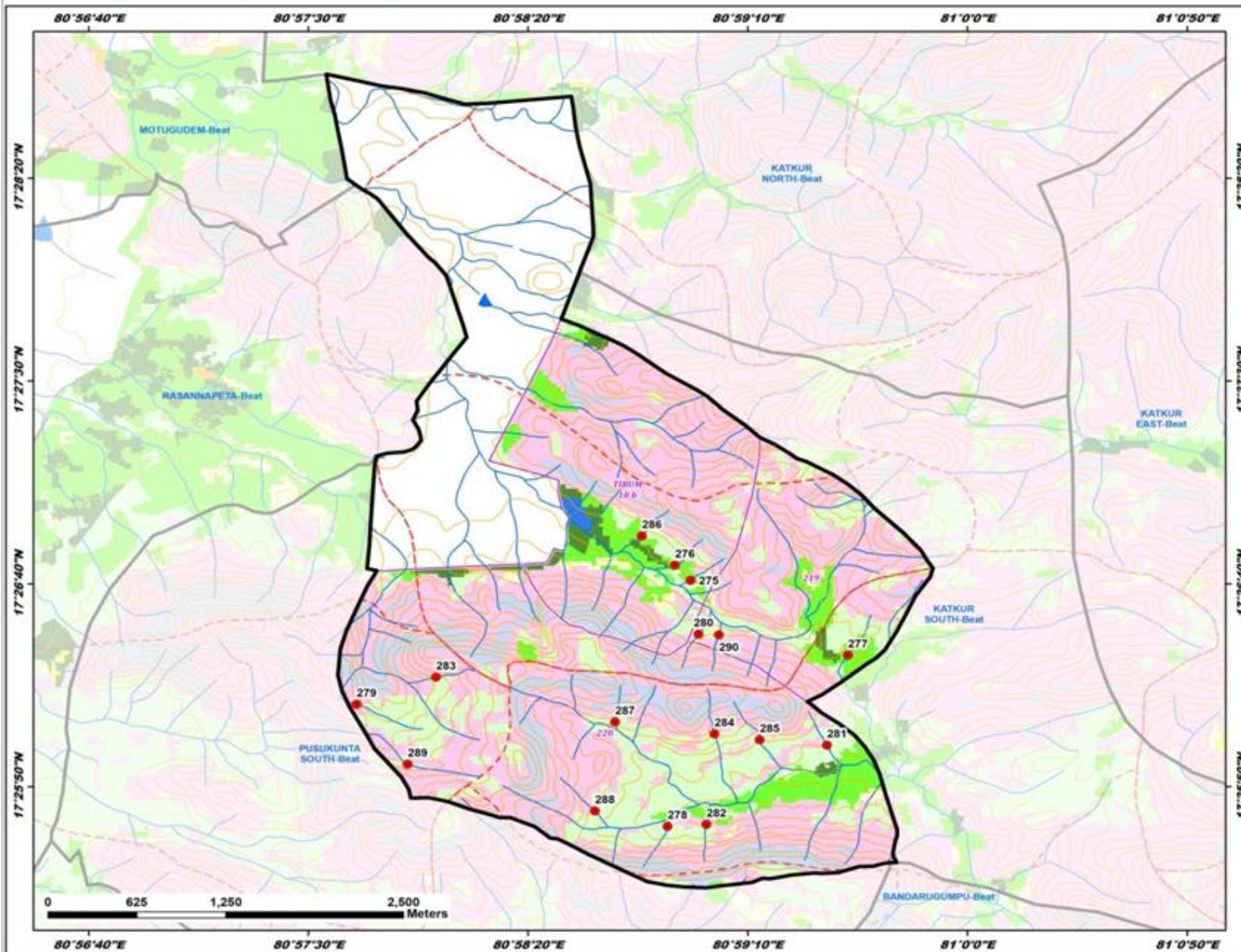
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Pusukunta East Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
275	17.44604	80.98253	9.83	II
276	17.445728	80.981512	11.46	II
277	17.43955	80.992450	9.93	II
278	17.427831	80.981047	9.56	IV
279	17.436200	80.961379	9.33	IV
280	17.440997	80.983010	10.89	IV
281	17.433397	80.991124	7.86	IV
282	17.427964	80.983509	10.02	IV
283	17.438050	80.966411	6.32	IV
284	17.434167	80.984014	6.77	IV
285	17.433764	80.986872	11.41	IV
286	17.447736	80.979425	6.60	IV
287	17.434993	80.977733	6.88	IV
288	17.432886	80.976462	9.00	IV
289	17.432089	80.964615	20.02	IV
290	17.440960	80.984302	5.62	IV

**LEGEND**

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

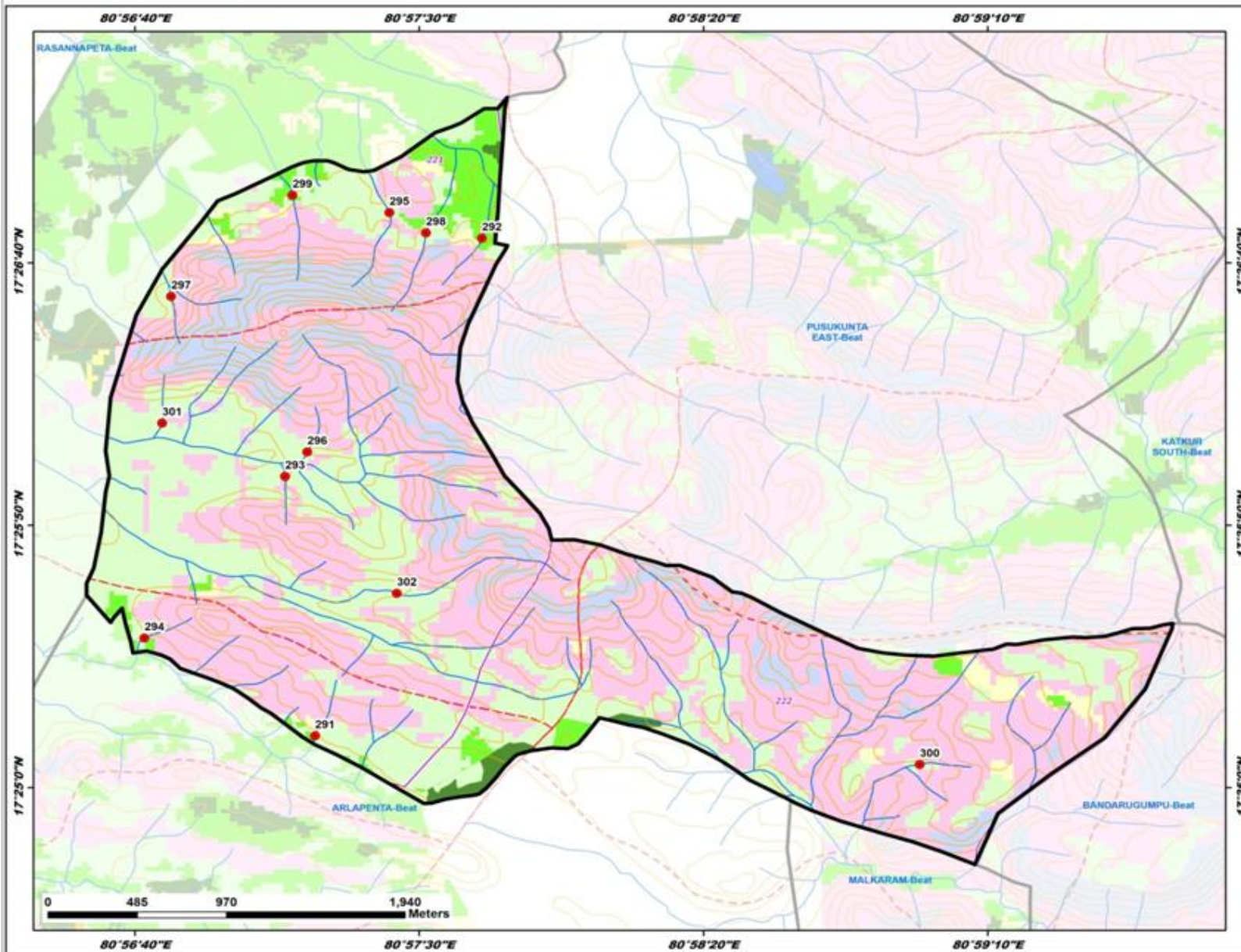
**Suitability Index**

- 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 Pusukunta South Beat



Division : Paloncha  
Range : Dammapeta



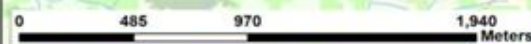
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
291	17.419405	80.953249	6.96	II
292	17.445755	80.961404	7.70	II
293	17.433141	80.951785	7.74	IV
294	17.424593	80.944908	6.23	IV
295	17.447114	80.956887	15.15	IV
296	17.434438	80.952871	5.07	IV
297	17.442669	80.946213	6.20	IV
298	17.446035	80.958674	9.60	IV
299	17.448027	80.952147	16.98	IV
300	17.417896	80.982794	17.76	IV
301	17.435970	80.945778	8.26	IV
302	17.426950	80.957238	37.44	V

**LEGEND**

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

**Suitability Index**

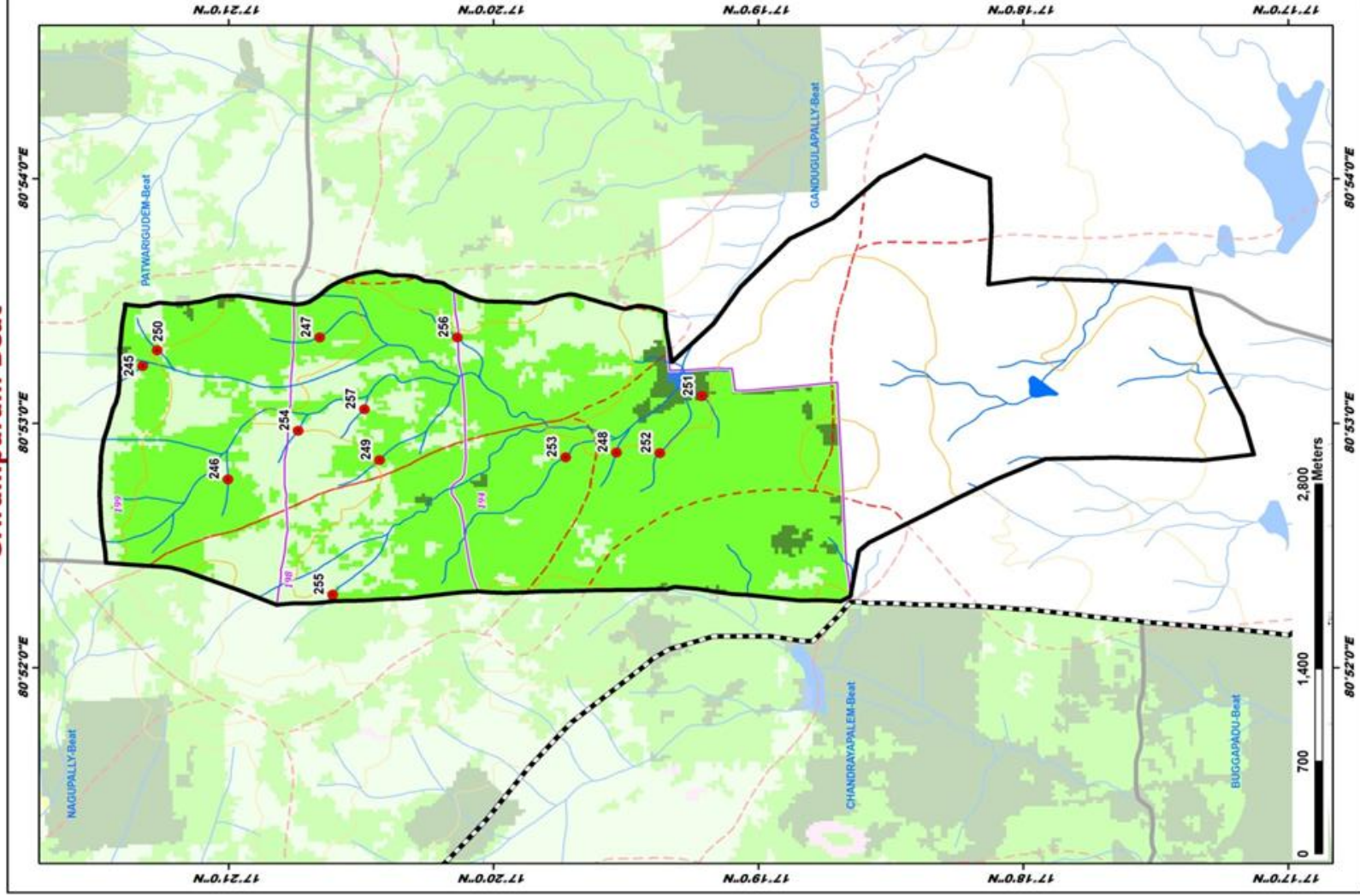
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Srirampuram Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
245	17.355396	80.887277	22.69	III
246	17.350094	80.879539	10.45	III
247	17.344360	80.889220	16.77	III
248	17.335592	80.881370	22.80	III
249	17.340089	80.880662	10.70	III
250	17.345482	80.888343	23.64	III
251	17.330227	80.885210	50.49	III
252	17.322973	80.881137	26.16	III
253	17.328788	80.881044	90.11	IV
254	17.345609	80.882646	16.33	IV
255	17.343464	80.878171	51.06	IV
256	17.335665	80.889207	22.97	IV
257	17.341449	80.884321	11.20	IV

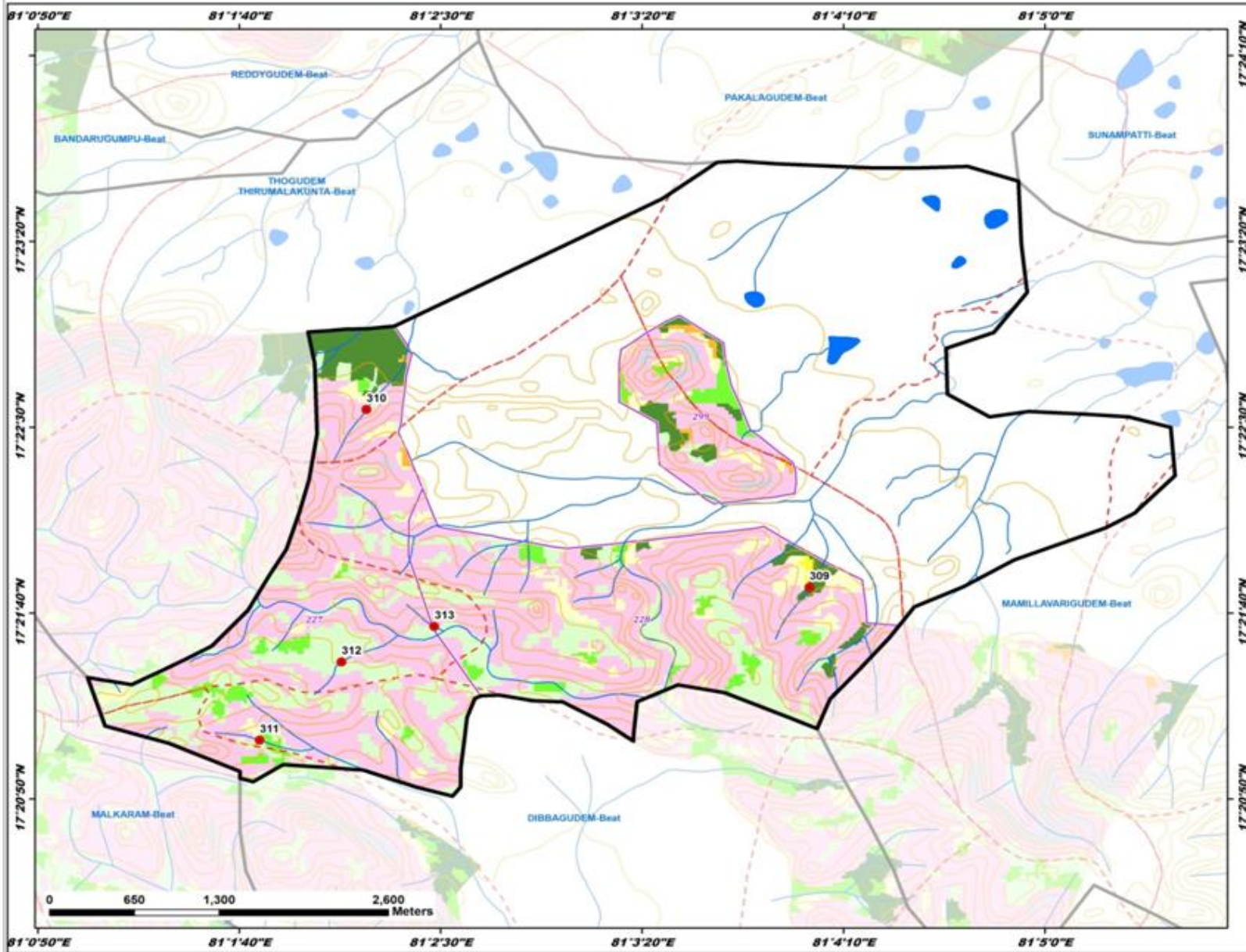
### LEGEND

- Proposed PTIs
- Existing CD/PTIs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTIs - Highly Suitable
- PTIs - Moderately Suitable
- PTIs - Least Suitable
- MPTIs and SGPs - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Thirumalakunta Beat



Division : Paloncha  
Range : Dammapeta



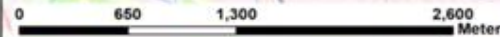
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
309	17.36305	81.06712	30.56	II
310	17.37630	81.03655	23.57	IV
311	17.35362	81.02912	21.38	IV
312	17.35747	81.03480	16.53	IV
313	17.36013	81.04129	11.67	IV

**LEGEND**

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

**Suitability Index**

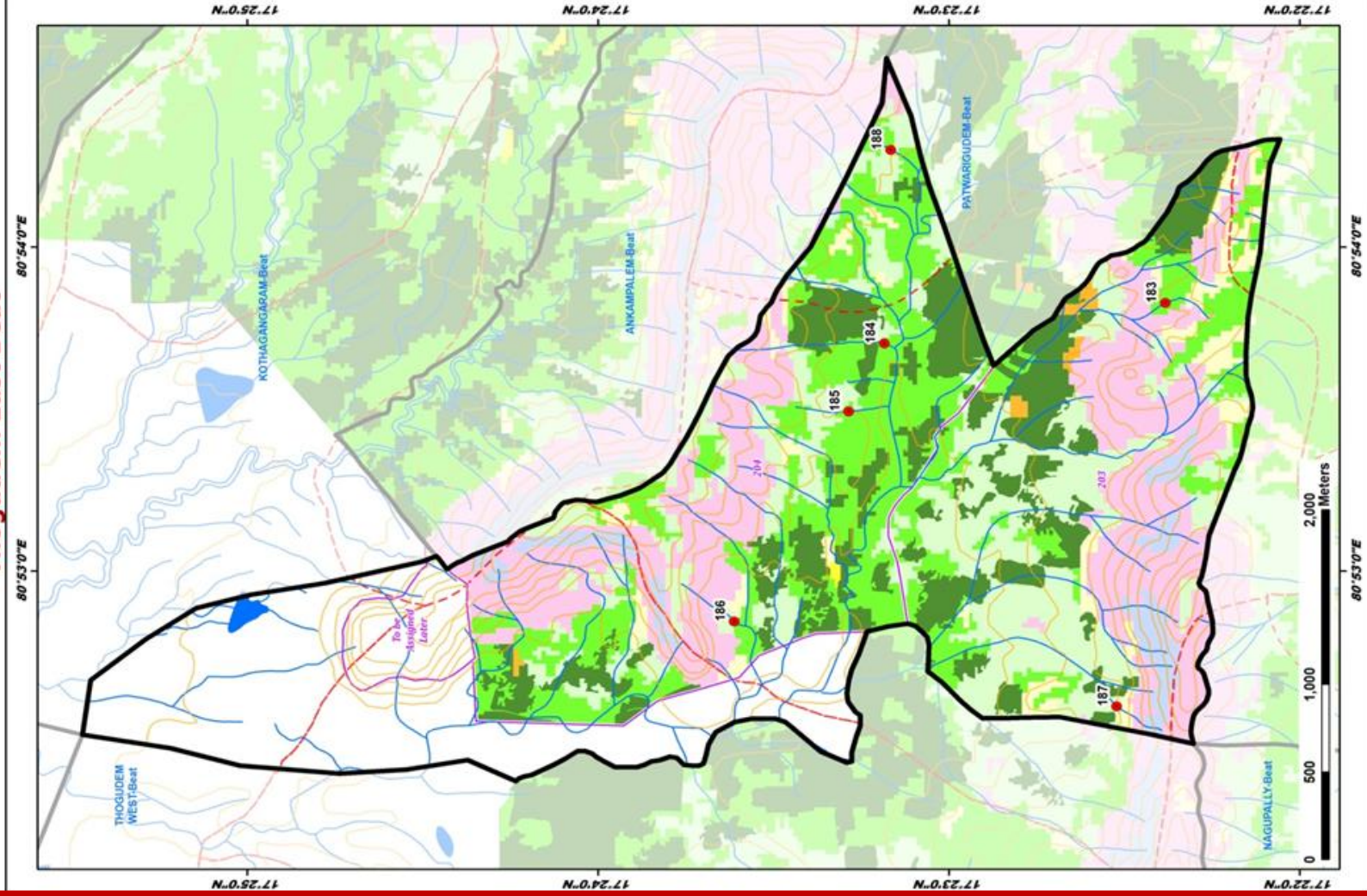
- Orange: CCTs/STs - Highly Suitable
- Yellow: CCTs/STs - Moderately Suitable
- Light Green: CCTs/STs - Least Suitable
- Dark Green: PTs - Highly Suitable
- Light Green: PTs - Moderately Suitable
- Light Green: PTs - Least Suitable
- Pink: MPTs and SGPs - Suitable
- Blue: Not Suitable
- Blue: Water Body



# Map Showing Suitability index for Construction of SMC Works of Thogudem East Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
183	17.379058	80.897141	6.23	II
184	17.386405	80.899065	24.89	II
185	17.388096	80.891563	10.37	II
186	17.393332	80.880756	9.39	IV
187	17.375361	80.876383	7.13	IV
188	17.386106	80.905020	7.74	IV

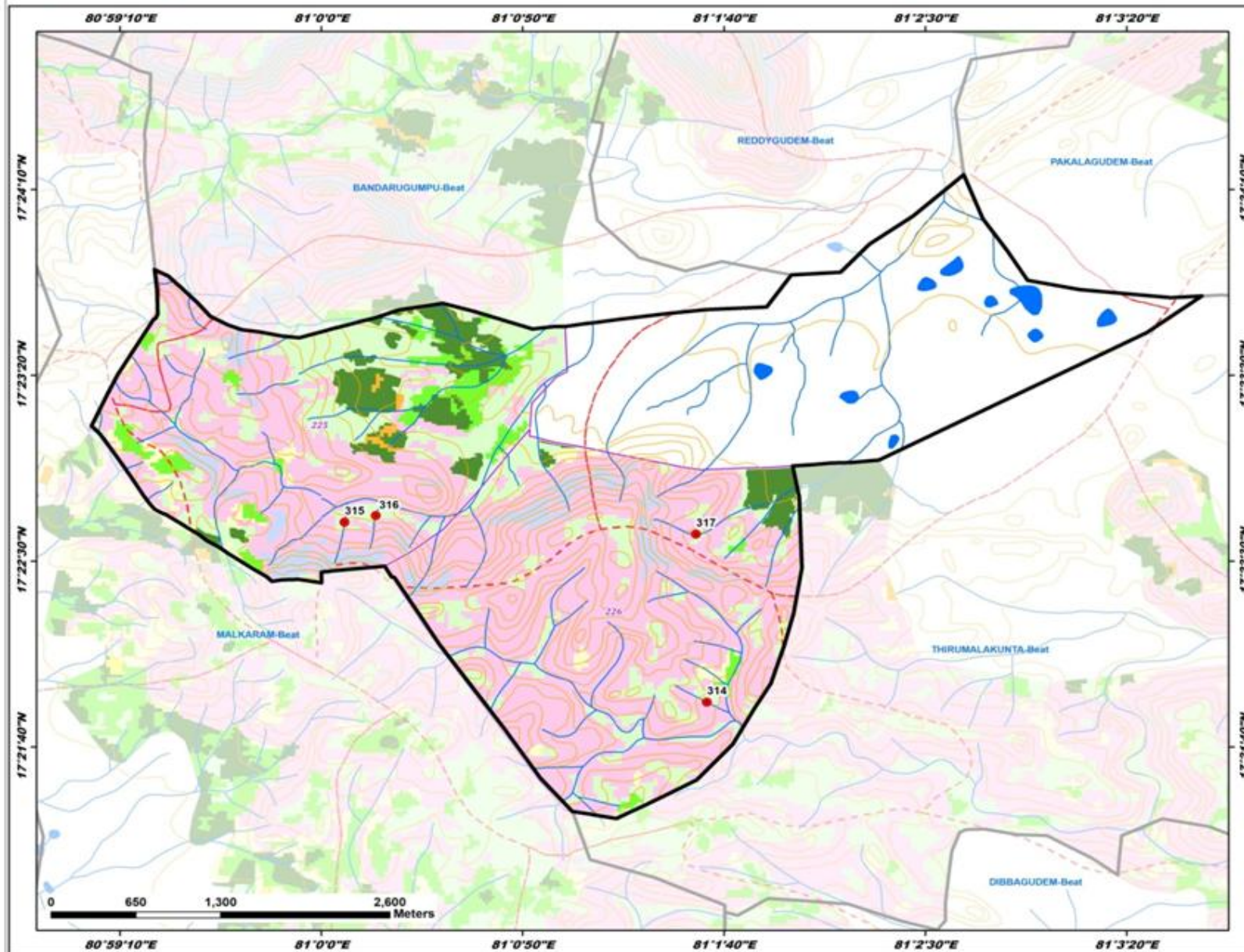
**LEGEND**

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Thogudem Thirumalakunta Beat



Division : Paloncha  
Range : Dammapeta



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
314	17.364476	81.026593	9.80	IV
315	17.377921	81.001599	14.50	IV
316	17.378418	81.003759	10.81	IV
317	17.377031	81.025859	8.81	IV

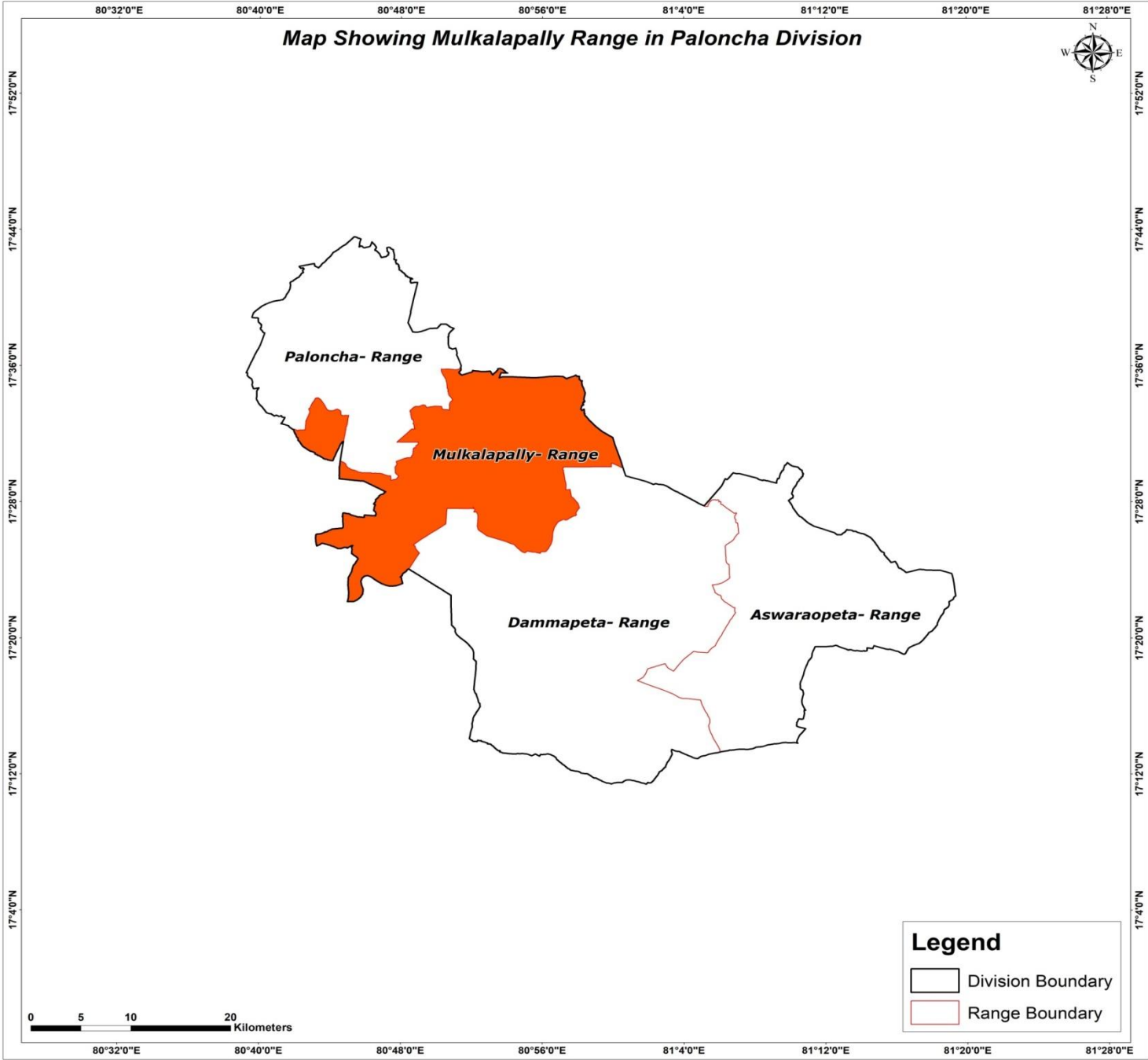
**LEGEND**

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

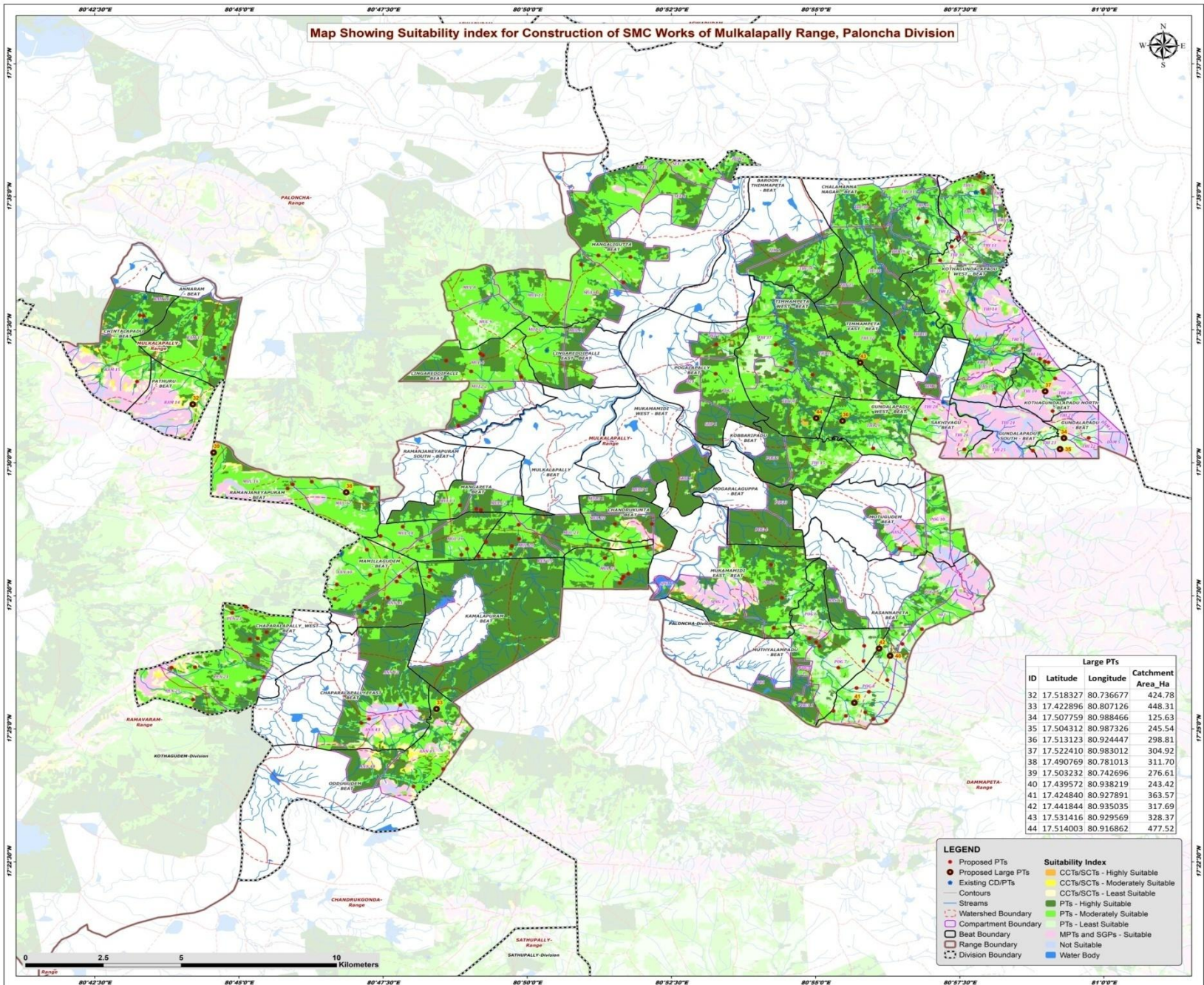
**Suitability Index**

- 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 Mulkalapally Range in Paloncha Division



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



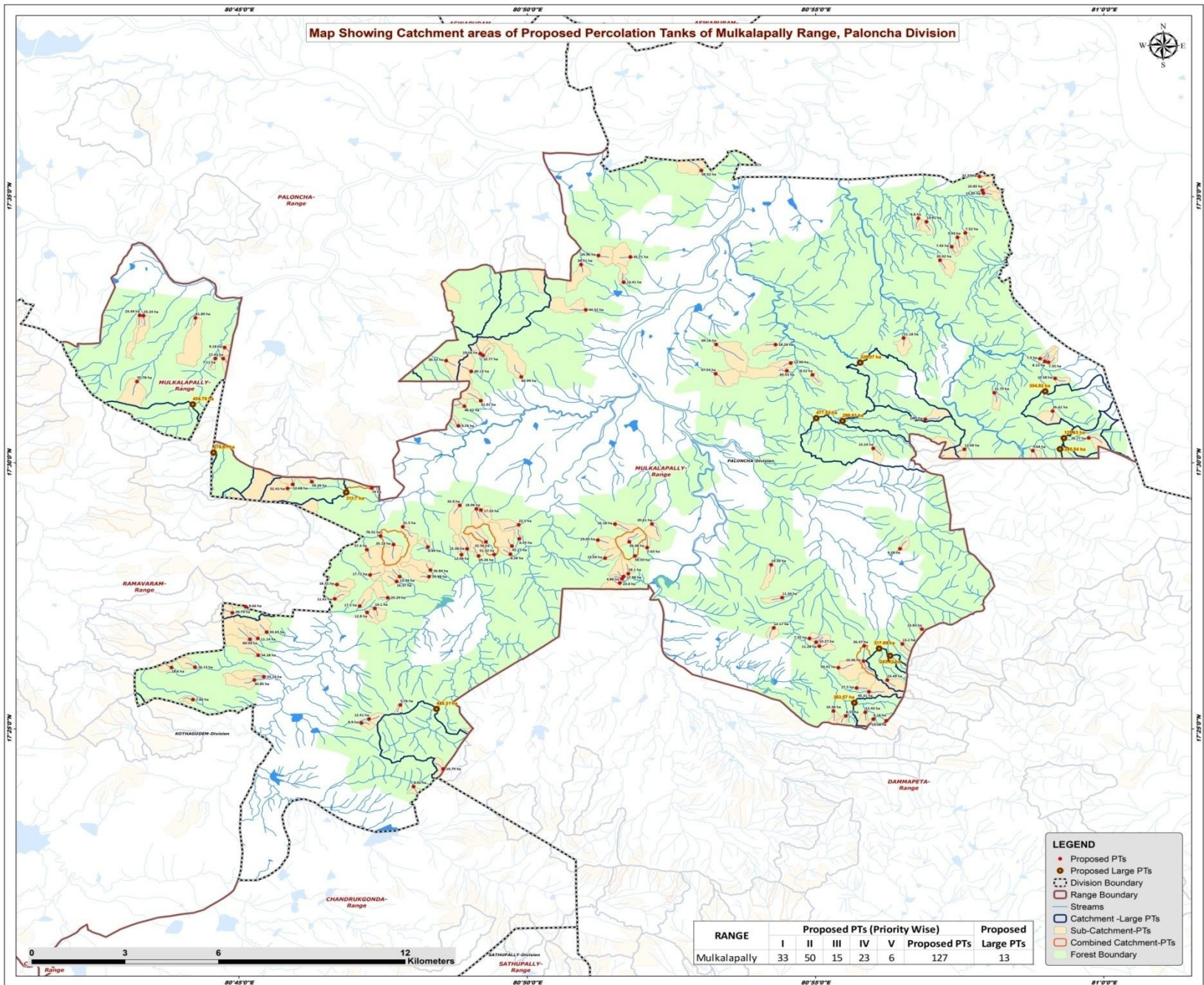
Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
32	17.518327	80.736677	424.78
33	17.422896	80.807126	448.31
34	17.507759	80.988466	125.63
35	17.504312	80.987326	245.54
36	17.513123	80.924447	298.81
37	17.522410	80.983012	304.92
38	17.490769	80.781013	311.70
39	17.503232	80.742696	276.61
40	17.439572	80.938219	243.42
41	17.424840	80.927891	363.57
42	17.441844	80.935035	317.69
43	17.531416	80.929569	328.37
44	17.514003	80.916862	477.52

**LEGEND**

- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed 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



Map Showing Catchment areas of Proposed Percolation Tanks of Mulkalapally Range, Paloncha Division



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

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Mulkalapally	33	50	15	23	6	127
						13

## Beat wise Abstract of Proposed PT's – Mulkalapally Range

S. No.	Beat	Proposed PT's
1	ANNARAM	4
2	CHALAMANNA NAGAR	4
3	CHANDRUKUNTA	10
4	CHAPARALAPALLY_EAST	3
5	CHAPARALAPALLY_WEST	11
6	CHINTALAPADU	3
7	GUNDALAPADU	1
8	GUNDALAPADU SOUTH	1
9	GUNDALAPADU WEST	1
10	KAMALAPURAM	2
11	KOTHAGUNDALAPADU NORTH	2
12	KOTHAGUNDALAPADU WEST	10
13	LINGAREDDIPALLI	8
14	MAMILLAGUDEM	10
15	MANGALIGUTTA	6
16	MANGAPETA	3
17	MOTUGUDEM	1
18	MUKAMAMIDI EAST	3
19	MULKALAPALLY	8
20	MUTHYALAMPADU	6
21	ODDUGUDEM	2
22	POGALAPALLY	2
23	RAMANJANEYAPURAM	4
24	RAMANJANEYAPURAM SOUTH	6
25	RASANNAPETA	10
26	SAKHIVAGU	2
27	TIMMAMPETA WEST	4
	<b>Total</b>	<b>127</b>

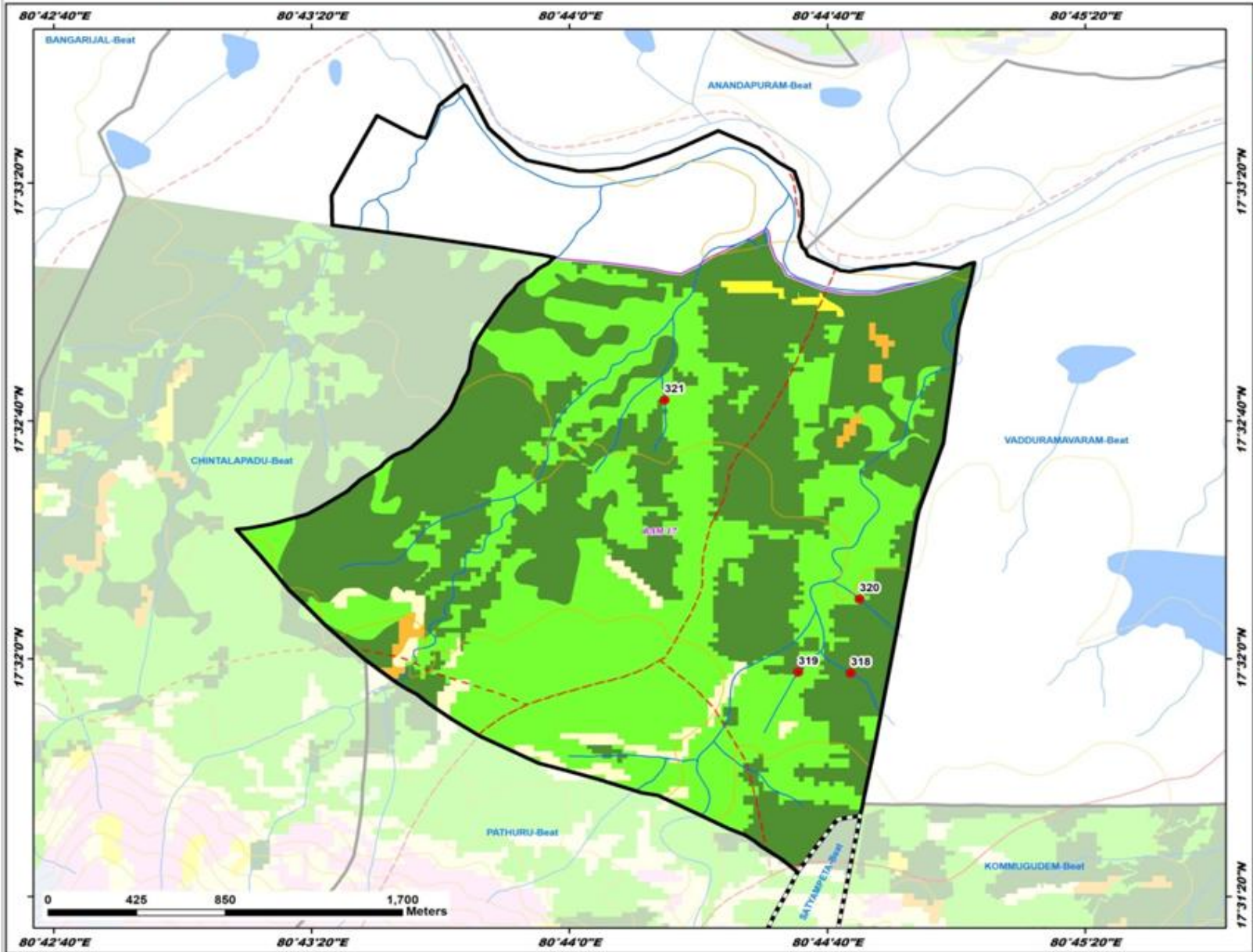
## List of Proposed PTs – Mulkalapally Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
318	17.532667	80.745462	17.43	I	ANNARAM	360	17.572045	80.959950	7.52	I	KOTHAGUNDALAPADU(W)	402	17.473925	80.828928	45.27	II	MULKALAPALLY
319	17.532707	80.743197	7.11	II	ANNARAM	361	17.531788	80.982922	8.13	II	KOTHAGUNDALAPADU(W)	403	17.471369	80.828486	8.28	II	MULKALAPALLY
320	17.536124	80.745842	9.18	II	ANNARAM	362	17.531495	80.983998	7.35	II	KOTHAGUNDALAPADU(W)	404	17.471276	80.823771	51.32	IV	MULKALAPALLY
321	17.545423	80.737436	81.89	IV	ANNARAM	363	17.532638	80.981524	7.30	II	KOTHAGUNDALAPADU(W)	405	17.493258	80.765577	12.68	II	RAMANJANEYAPURAM
322	17.546100	80.722418	23.24	I	CHINTALAPADU	364	17.521952	80.968338	11.75	II	KOTHAGUNDALAPADU(W)	406	17.491977	80.764076	52.41	IV	RAMANJANEYAPURAM
323	17.546217	80.721332	23.49	II	CHINTALAPADU	365	17.585408	80.964872	10.85	II	KOTHAGUNDALAPADU(W)	407	17.494093	80.771075	59.39	IV	RAMANJANEYAPURAM
324	17.525489	80.720554	55.78	IV	CHINTALAPADU	366	17.563468	80.952647	20.02	IV	KOTHAGUNDALAPADU(W)	408	17.492104	80.788426	74.00	IV	RAMANJANEYAPURAM
325	17.418481	80.785393	8.90	I	CHAPARALAPALLY(E)	367	17.567714	80.956012	7.43	IV	KOTHAGUNDALAPADU(W)	409	17.473069	80.815957	15.36	II	RAMANJANEYAPURAM (S)
326	17.419775	80.787597	12.41	II	CHAPARALAPALLY(E)	368	17.504266	80.959688	11.49	II	SAKHIVAGU	410	17.471201	80.814321	12.36	II	RAMANJANEYAPURAM (S)
327	17.424175	80.796656	5.76	II	CHAPARALAPALLY(E)	369	17.513627	80.948388	24.50	II	SAKHIVAGU	411	17.473654	80.804639	8.44	II	RAMANJANEYAPURAM (S)
328	17.435881	80.730507	18.60	I	CHAPARALAPALLY(W)	370	17.480833	80.858685	16.18	I	CHANDRUKUNTA	412	17.479984	80.797384	31.50	III	RAMANJANEYAPURAM (S)
329	17.432984	80.757208	23.14	I	CHAPARALAPALLY(W)	371	17.464400	80.861176	17.88	I	CHANDRUKUNTA	413	17.474409	80.794674	35.18	III	RAMANJANEYAPURAM (S)
330	17.445015	80.755481	11.14	I	CHAPARALAPALLY(W)	372	17.465292	80.862541	18.10	I	CHANDRUKUNTA	414	17.477067	80.790935	78.52	IV	RAMANJANEYAPURAM (S)
331	17.453036	80.748089	28.79	II	CHAPARALAPALLY(W)	373	17.462340	80.860096	23.80	I	CHANDRUKUNTA	415	17.473099	80.941074	9.28	II	MOTUGUEM
332	17.446978	80.758017	43.65	II	CHAPARALAPALLY(W)	374	17.480852	80.869370	20.61	I	CHANDRUKUNTA	416	17.448303	80.904581	12.17	I	MUKAMAMIDI EAST
333	17.454896	80.752008	9.66	II	CHAPARALAPALLY(W)	375	17.470160	80.855813	15.59	II	CHANDRUKUNTA	417	17.468079	80.903841	19.35	I	MUKAMAMIDI EAST
334	17.425844	80.736725	7.66	II	CHAPARALAPALLY(W)	376	17.473435	80.867998	7.63	II	CHANDRUKUNTA	418	17.457791	80.907022	11.34	II	MUKAMAMIDI EAST
335	17.431962	80.754476	30.85	II	CHAPARALAPALLY(W)	377	17.463658	80.860740	4.86	II	CHANDRUKUNTA	419	17.442558	80.917745	11.28	I	MUTHYALAMPADU
336	17.435976	80.737315	16.13	II	CHAPARALAPALLY(W)	378	17.475265	80.862826	26.48	III	CHANDRUKUNTA	420	17.444997	80.914905	7.35	I	MUTHYALAMPADU
337	17.444744	80.753186	60.58	III	CHAPARALAPALLY(W)	379	17.470830	80.864432	59.55	IV	CHANDRUKUNTA	421	17.443791	80.916859	10.27	I	MUTHYALAMPADU
338	17.439733	80.755574	54.28	III	CHAPARALAPALLY(W)	380	17.533684	80.820584	10.77	I	LINGAREDDIPALLI	422	17.437920	80.930547	10.06	IV	MUTHYALAMPADU
339	17.466414	80.805353	26.84	II	KAMALAPURAM	381	17.534233	80.819766	19.16	I	LINGAREDDIPALLI	423	17.435829	80.923264	43.41	V	MUTHYALAMPADU
340	17.464355	80.804941	29.98	III	KAMALAPURAM	382	17.511599	80.813455	9.78	I	LINGAREDDIPALLI	424	17.442667	80.930746	26.47	V	MUTHYALAMPADU
341	17.455119	80.784905	17.50	I	MAMILLAGUEDEM	383	17.532025	80.809895	30.52	II	LINGAREDDIPALLI	425	17.527910	80.887805	37.54	III	POGALAPALLY
342	17.464890	80.787910	17.72	I	MAMILLAGUEDEM	384	17.528664	80.817162	40.13	III	LINGAREDDIPALLI	426	17.537096	80.887941	69.16	IV	POGALAPALLY
343	17.457761	80.793041	20.29	II	MAMILLAGUEDEM	385	17.517745	80.815169	46.62	III	LINGAREDDIPALLI	427	17.421855	80.931056	12.43	I	RASANNAPETA
344	17.454401	80.789269	14.10	II	MAMILLAGUEDEM	386	17.519469	80.819920	31.91	III	LINGAREDDIPALLI	428	17.419730	80.933373	6.16	I	RASANNAPETA
345	17.453168	80.787067	12.80	II	MAMILLAGUEDEM	387	17.526929	80.831612	60.99	IV	LINGAREDDIPALLI	429	17.447899	80.947387	13.83	II	RASANNAPETA
346	17.464350	80.796458	13.94	II	MAMILLAGUEDEM	388	17.556587	80.861238	13.41	I	MANGALIGUTTA	430	17.420730	80.925413	8.55	IV	RASANNAPETA
347	17.462828	80.795606	16.37	II	MAMILLAGUEDEM	389	17.562110	80.848881	34.51	II	MANGALIGUTTA	431	17.419224	80.937112	13.38	IV	RASANNAPETA
348	17.457388	80.777699	11.61	II	MAMILLAGUEDEM	390	17.564956	80.853913	24.96	II	MANGALIGUTTA	432	17.431953	80.937385	23.49	IV	RASANNAPETA
349	17.472800	80.786992	37.40	III	MAMILLAGUEDEM	391	17.547953	80.850242	44.52	III	MANGALIGUTTA	433	17.422298	80.921835	10.38	IV	RASANNAPETA
350	17.461896	80.778301	18.71	IV	MAMILLAGUEDEM	392	17.564524	80.863166	35.71	III	MANGALIGUTTA	434	17.443277	80.941777	13.20	IV	RASANNAPETA
351	17.404100	80.809041	10.79	II	ODDUGUEDEM	393	17.591595	80.883641	58.32	IV	MANGALIGUTTA	435	17.428271	80.932097	45.31	V	RASANNAPETA
352	17.398601	80.800494	8.92	II	ODDUGUEDEM	394	17.485594	80.818643	18.06	I	MANGAPETA	436	17.429455	80.928545	27.50	V	RASANNAPETA
353	17.507814	80.995607	26.77	V	GUNDALAPADU	395	17.485211	80.819968	17.03	I	MANGAPETA	437	17.539094	80.942109	21.18	I	CHALAMANNA NAGAR
354	17.503822	80.979461	9.64	II	GUNDALAPADU SOUTH	396	17.486677	80.813859	33.90	III	MANGAPETA	438	17.575539	80.948732	13.91	II	CHALAMANNA NAGAR
355	17.504531	80.933339	15.24	IV	GUNDALAPADU WEST	397	17.475256	80.821396	22.56	I	MULKALAPALLY	439	17.570663	80.957686	9.93	IV	CHALAMANNA NAGAR
356	17.526441	80.985898	10.58	II	KOTHAGUNDALAPADU(N)	398	17.480599	80.830872	22.50	II	MULKALAPALLY	440	17.576633	80.946372	6.80	IV	CHALAMANNA NAGAR
357	17.516237	80.985180	26.41	V	KOTHAGUNDALAPADU(N)	399	17.476200	80.831041	6.55	II	MULKALAPALLY	441	17.527584	80.915792	8.52	I	TIMMAMPETA WEST
358	17.589704	80.964046	22.37	I	KOTHAGUNDALAPADU(W)	400	17.475814	80.853763	23.05	II	MULKALAPALLY	442	17.531260	80.909502	13.99	I	TIMMAMPETA WEST
359	17.584500	80.965158	15.85	I	KOTHAGUNDALAPADU(W)	401	17.470814	80.819273	24.26	II	MULKALAPALLY	443	17.537036	80.905100	18.26	II	TIMMAMPETA WEST
												444	17.528840	80.908363	44.53	III	TIMMAMPETA WEST

# Map Showing Suitability Index for Construction of SMC Works of Annaram Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
318	17.532667	80.745462	17.43	I
319	17.532707	80.743197	7.11	II
320	17.536124	80.745842	9.18	II
321	17.545423	80.737436	81.89	IV

**LEGEND**

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

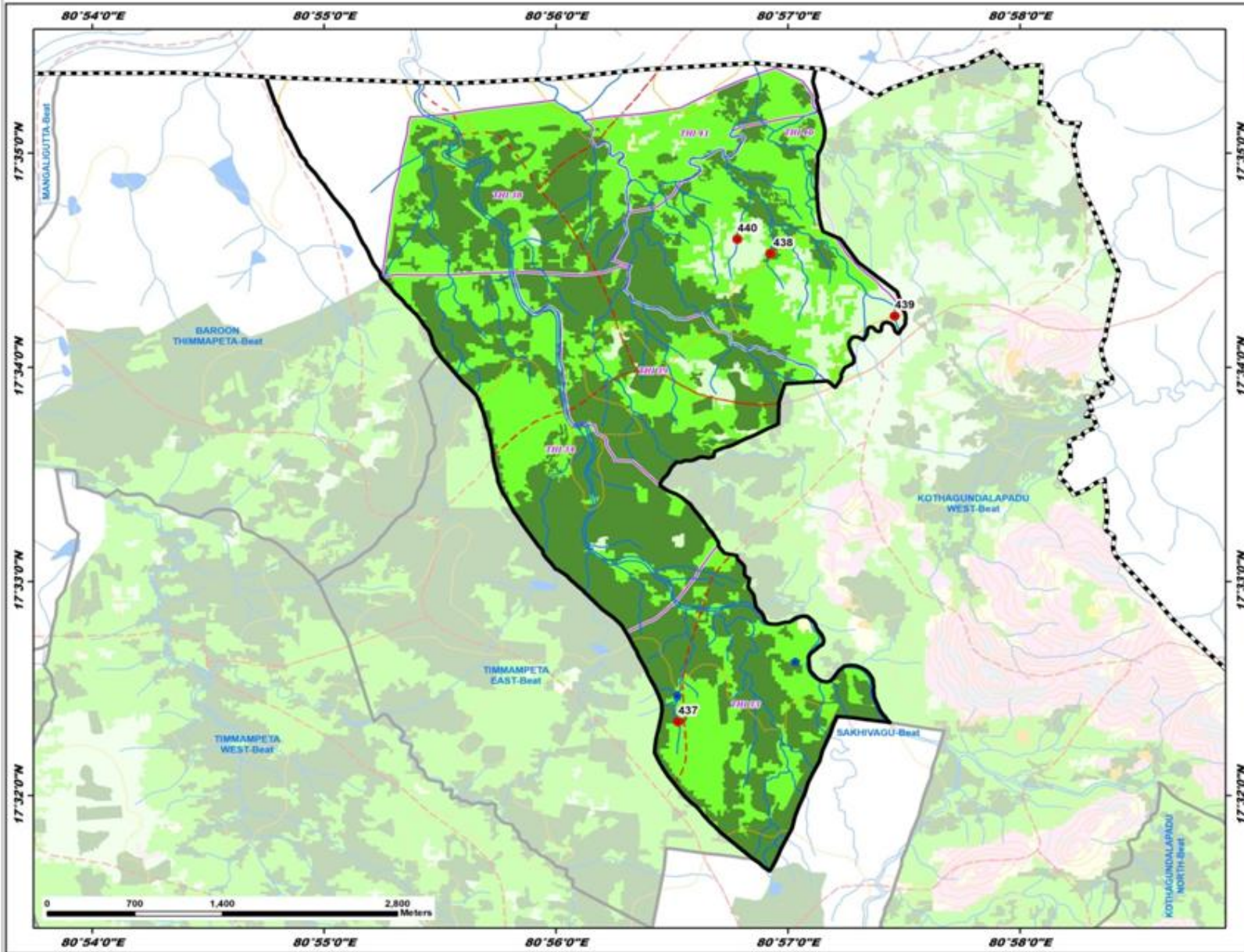
**Suitability Index**

- 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 Chalamanna Nagar Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
437	17.539094	80.942109	21.18	I
438	17.575539	80.948732	13.91	II
439	17.570663	80.957086	9.93	IV
440	17.576633	80.946372	6.80	IV

**LEGEND**

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

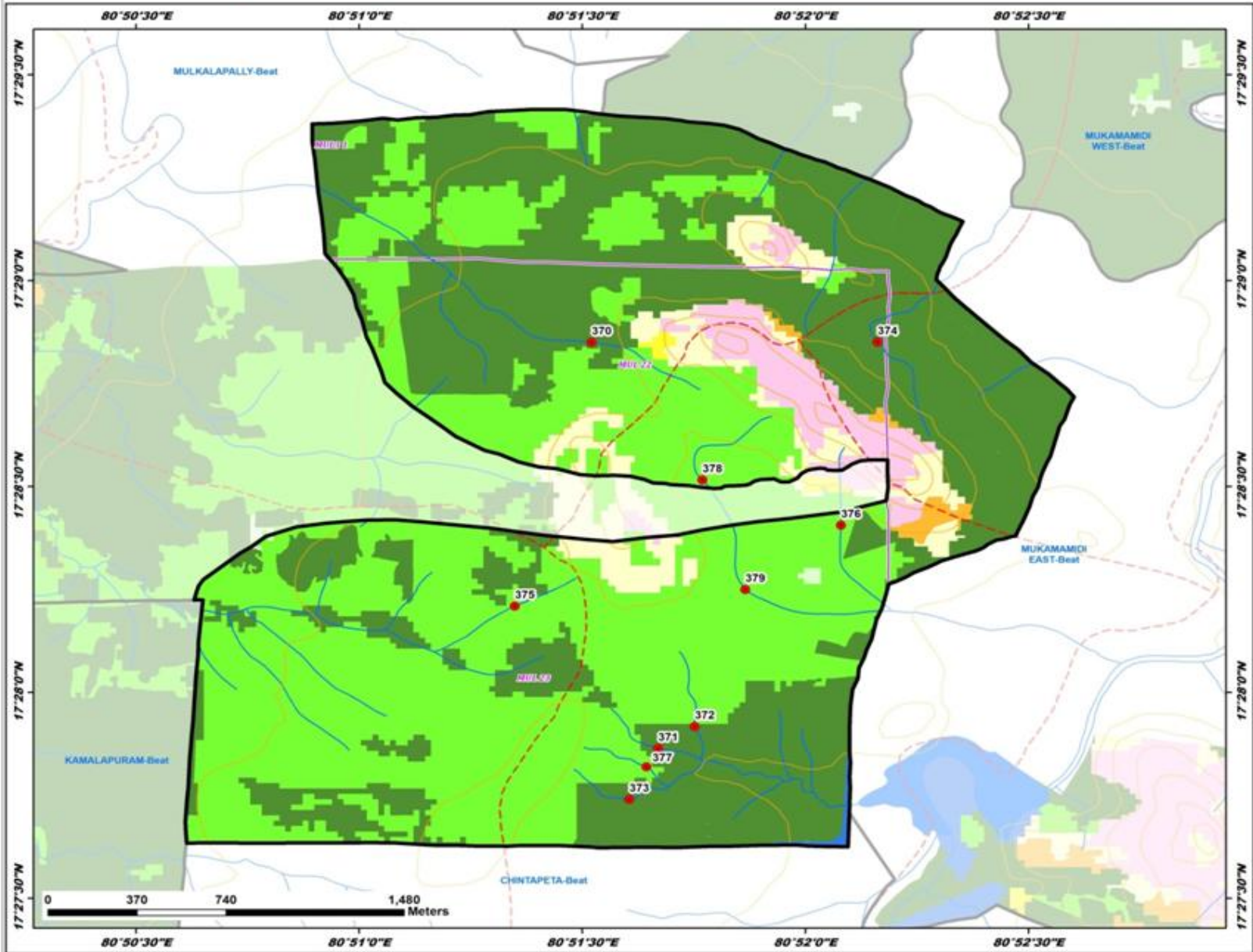
**Suitability Index**

- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - 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 Chandrukunta Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
370	17.460833	80.856665	16.18	I
371	17.464400	80.861176	17.88	I
372	17.465292	80.862541	18.10	I
373	17.462340	80.860096	23.90	I
374	17.460552	80.869370	20.61	I
375	17.470160	80.859813	15.59	II
376	17.473435	80.867998	7.63	II
377	17.463658	80.860740	4.86	II
378	17.475265	80.862826	26.48	III
379	17.470830	80.864832	59.55	IV

**LEGEND**

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

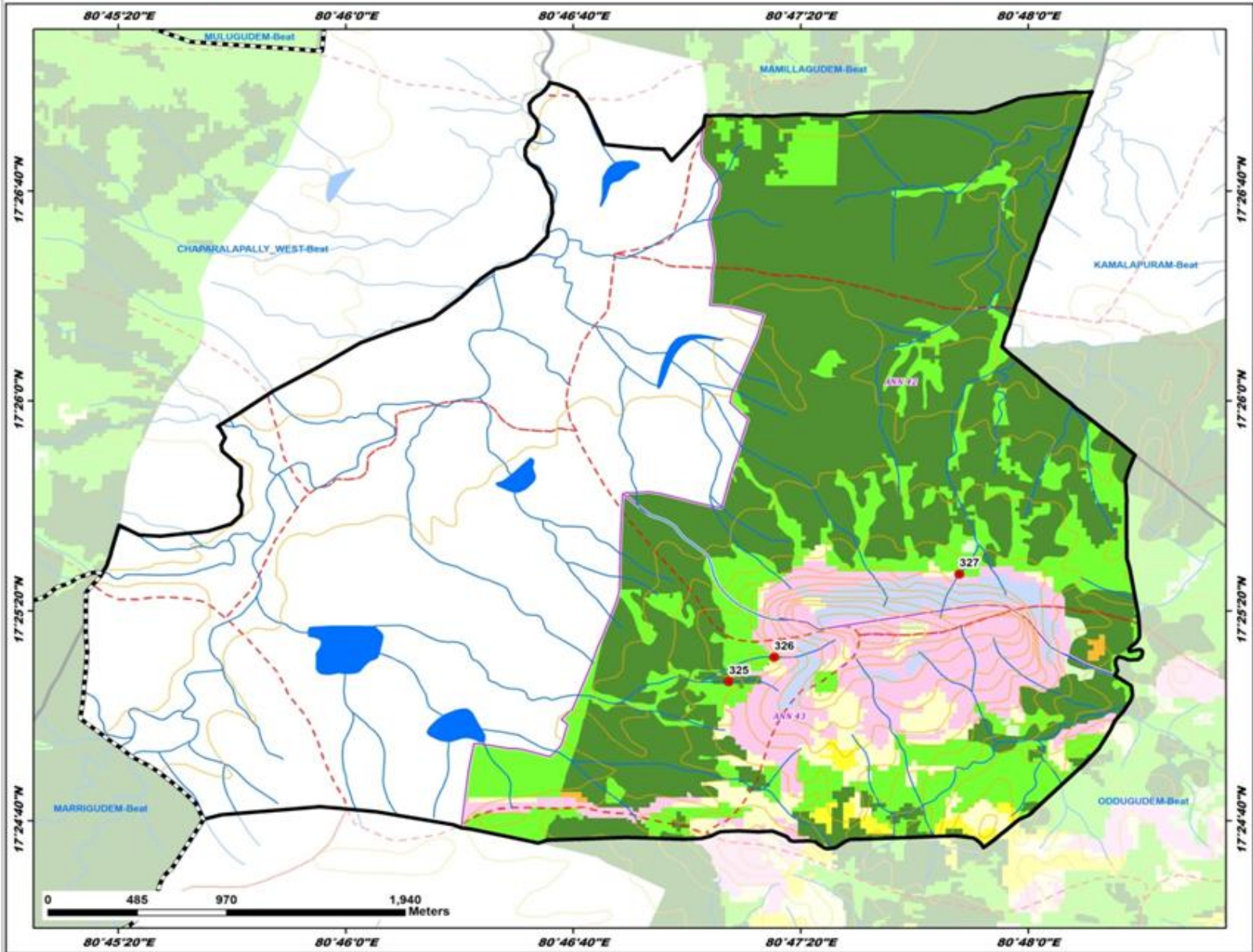
**Suitability Index**

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

# Map Showing Suitability Index for Construction of SMC Works of Chaparalappally East Beat



Division : Paloncha  
Range : Mulkalappally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
325	17.418481	80.785393	8.90	I
326	17.419775	80.787597	12.41	II
327	17.424175	80.796656	5.76	II

**LEGEND**

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

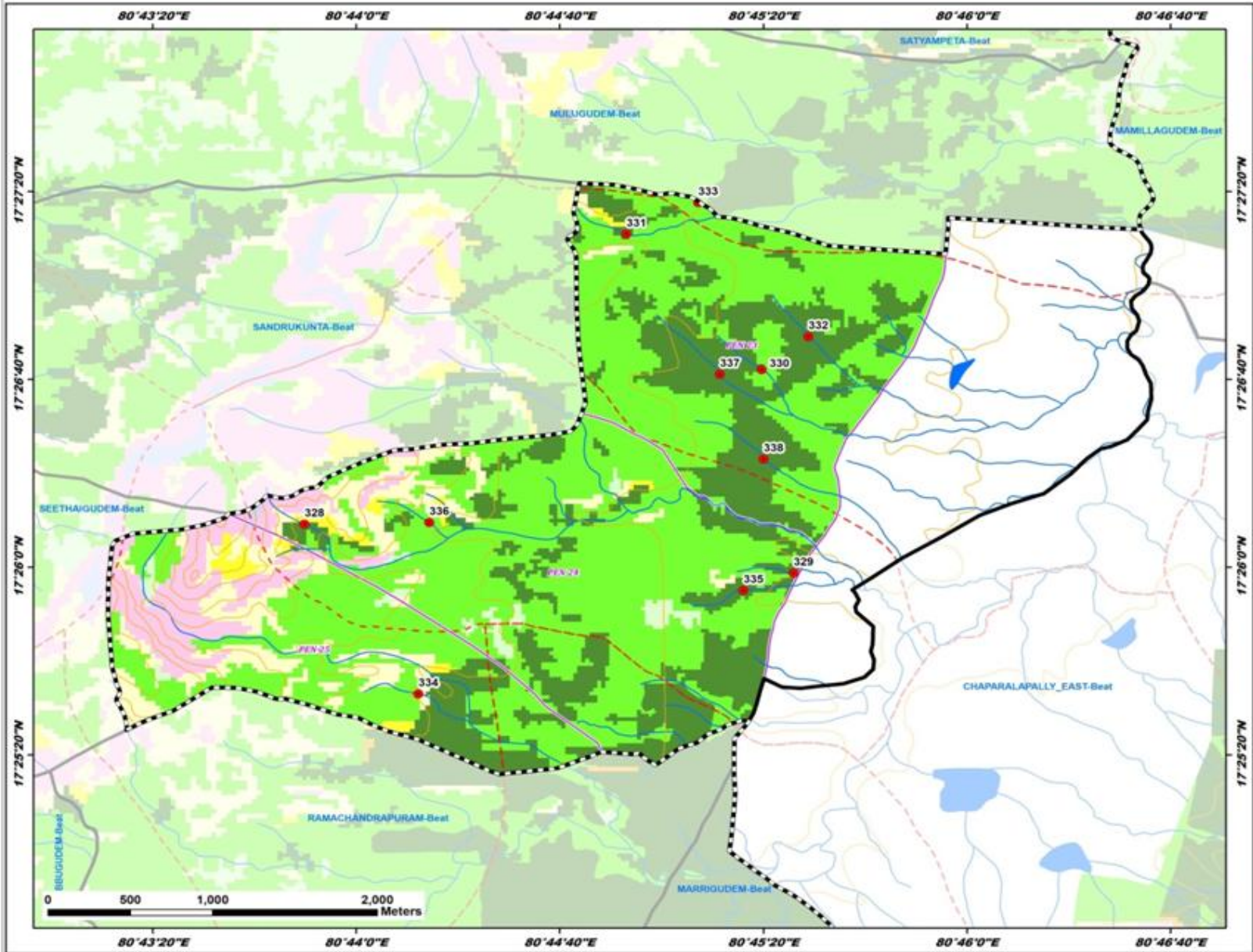
**Suitability Index**

- 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 Chaparalapally West Beat



Division : Paloncha  
Range : Mulkalapally



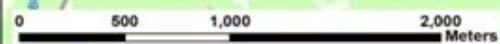
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
328	17.435881	80.730507	18.60	I
329	17.432984	80.757208	25.14	I
330	17.445015	80.755481	11.14	I
331	17.453036	80.748889	28.79	II
332	17.446978	80.758017	43.65	II
333	17.454886	80.752008	9.66	II
334	17.425884	80.736725	7.66	II
335	17.431962	80.754476	30.85	II
336	17.439576	80.737315	16.13	II
337	17.444744	80.753186	60.58	II
338	17.439793	80.755574	54.28	II

**LEGEND**

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

**Suitability Index**

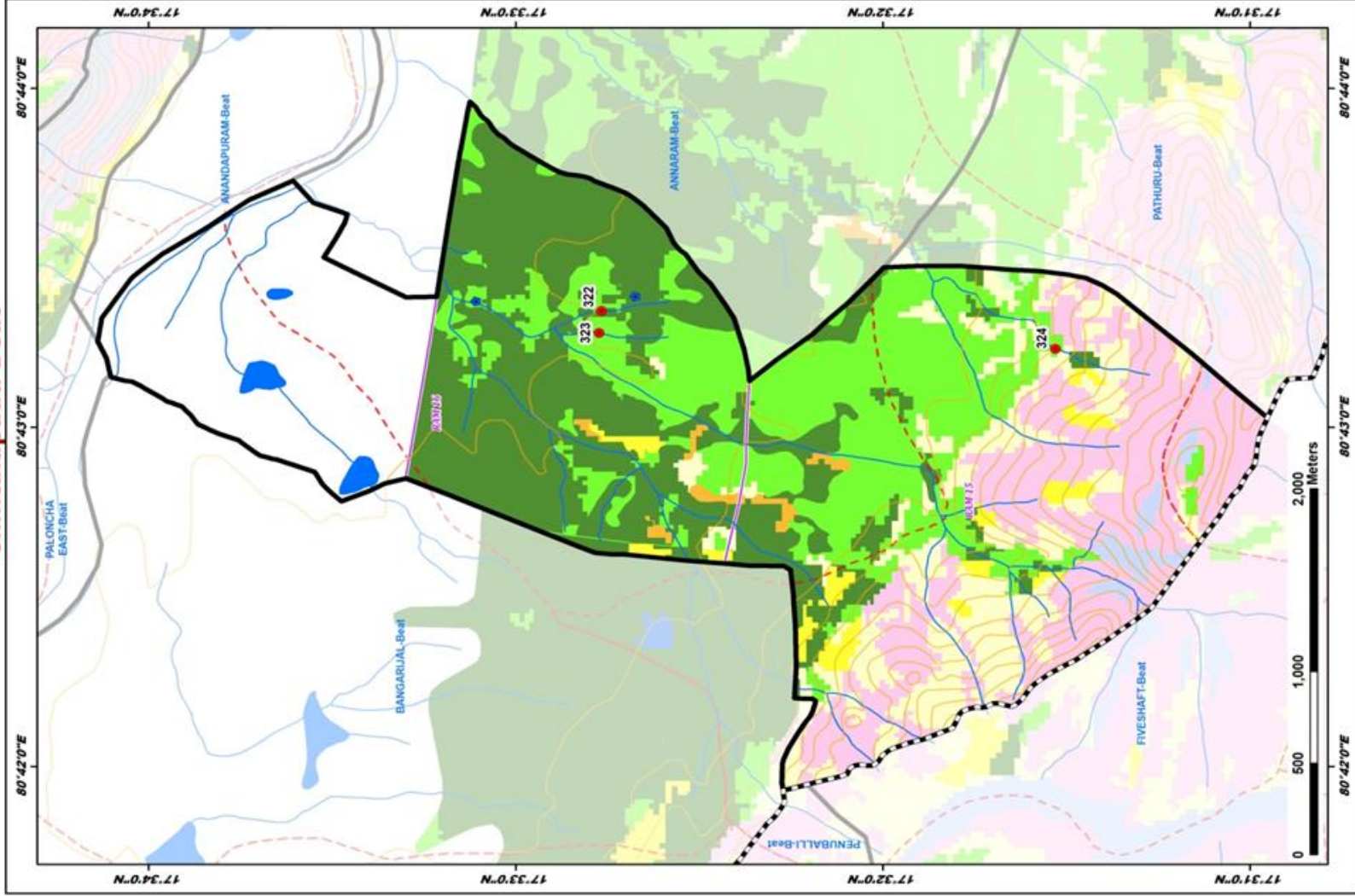
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Chintalapadu Beat



Division : Paloncha  
Range : Mulikalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
322	17.56500	80.72218	23.24	I
323	17.56827	80.72332	23.49	II
324	17.55289	80.72054	55.78	IV

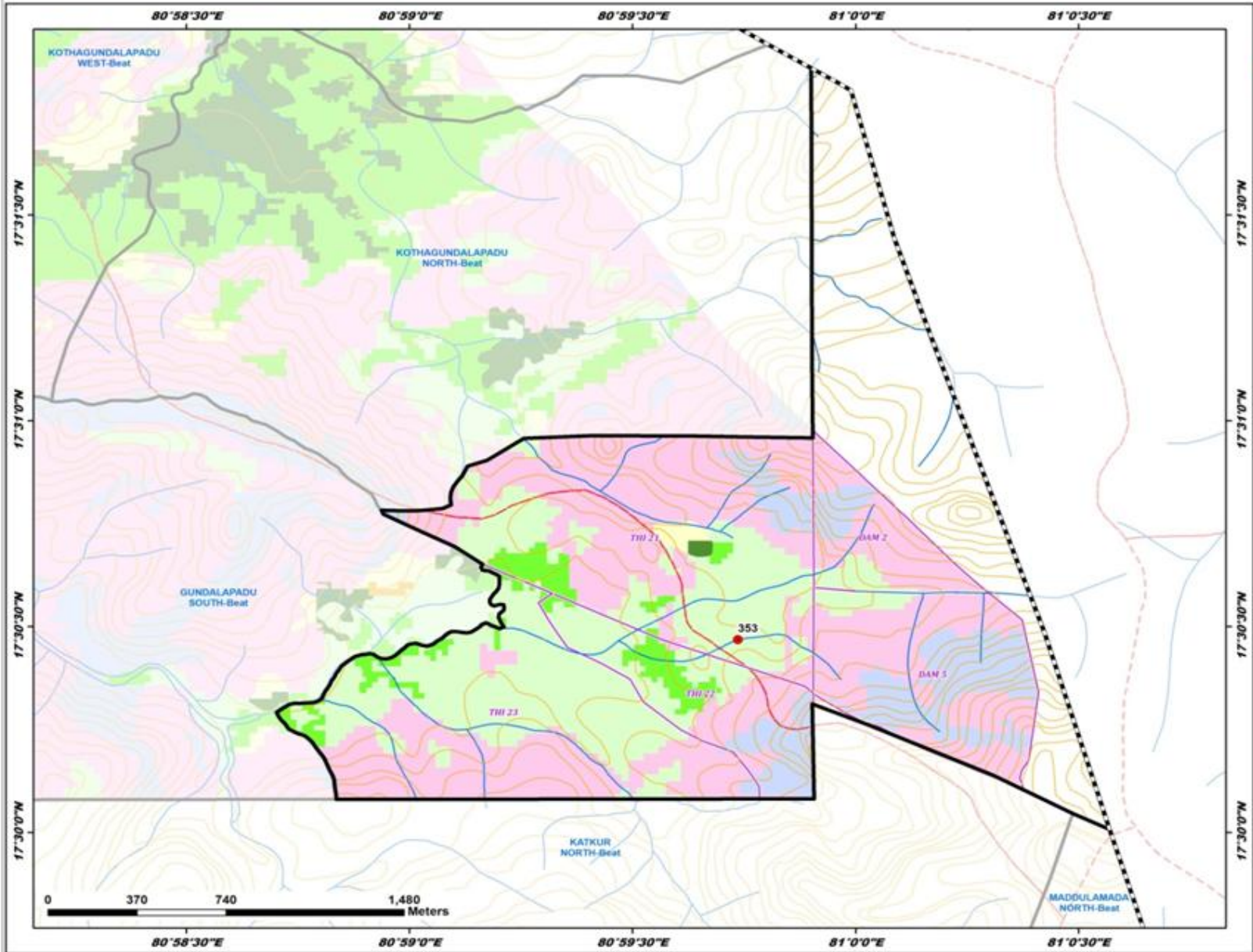
### LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat 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 SGPs - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Gundalapadu Beat



Division : Paloncha  
Range : Mulkalapally



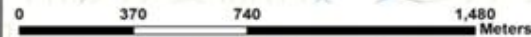
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
353	17.507814	80.995607	26.77	V

**LEGEND**

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

**Suitability Index**

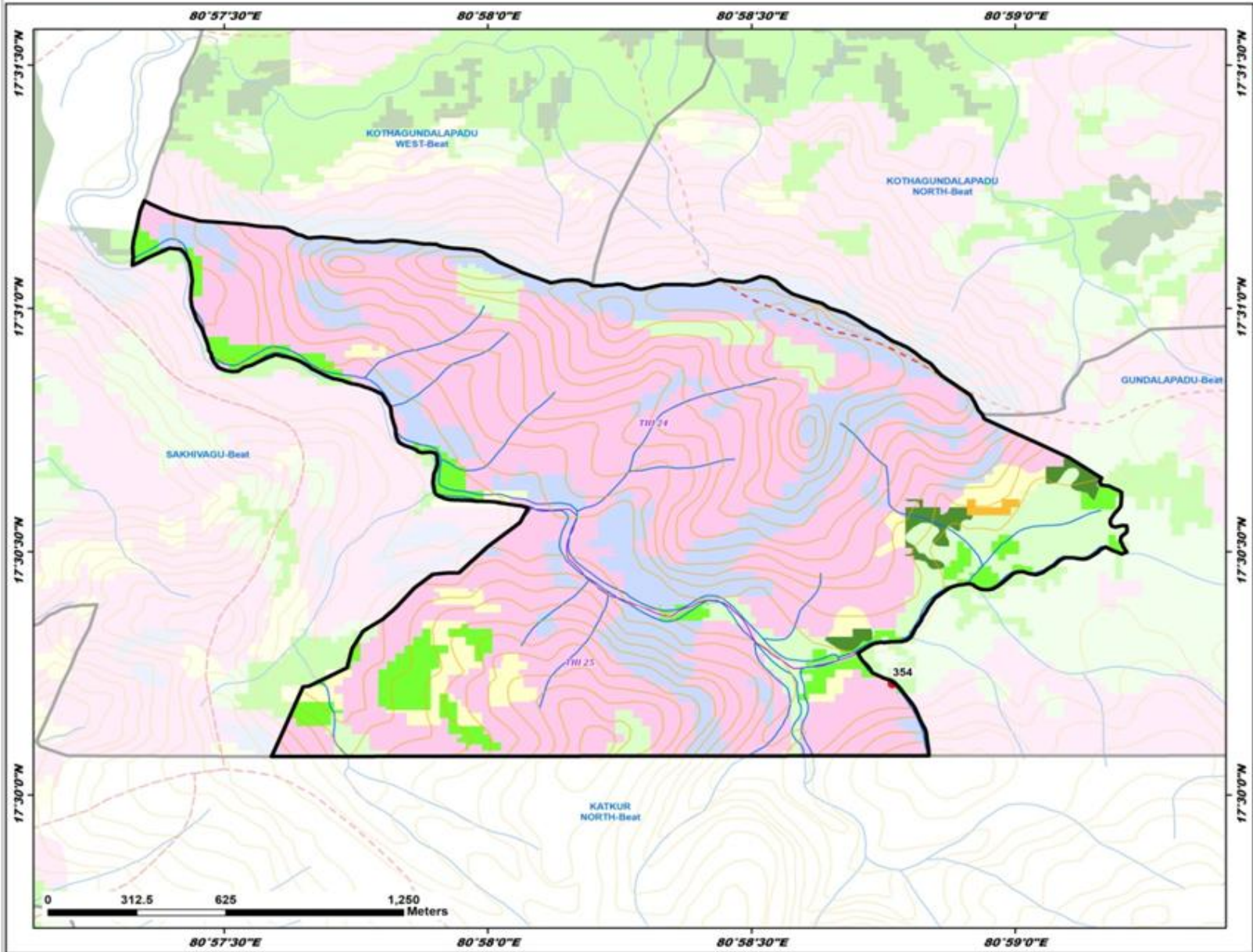
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Gundalapadu South Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
354	17.503822	80.979461	9.64	II

**LEGEND**

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

**Suitability Index**

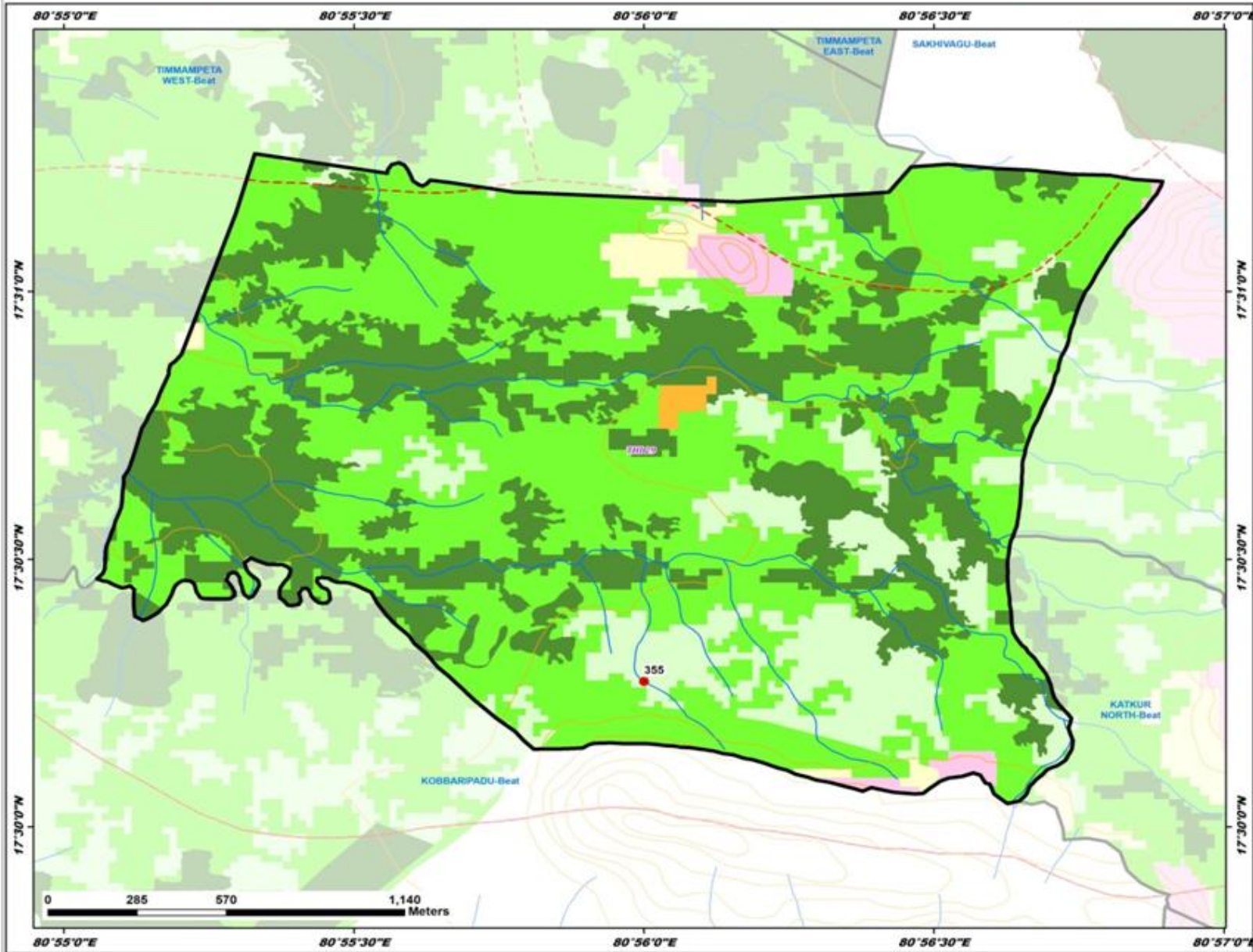
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Gundalapadu West Beat



Division : Paloncha  
Range : Mulkalapally



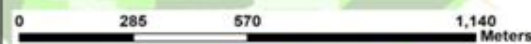
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
355	17.504531	80.933339	15.24	IV

**LEGEND**

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

**Suitability Index**

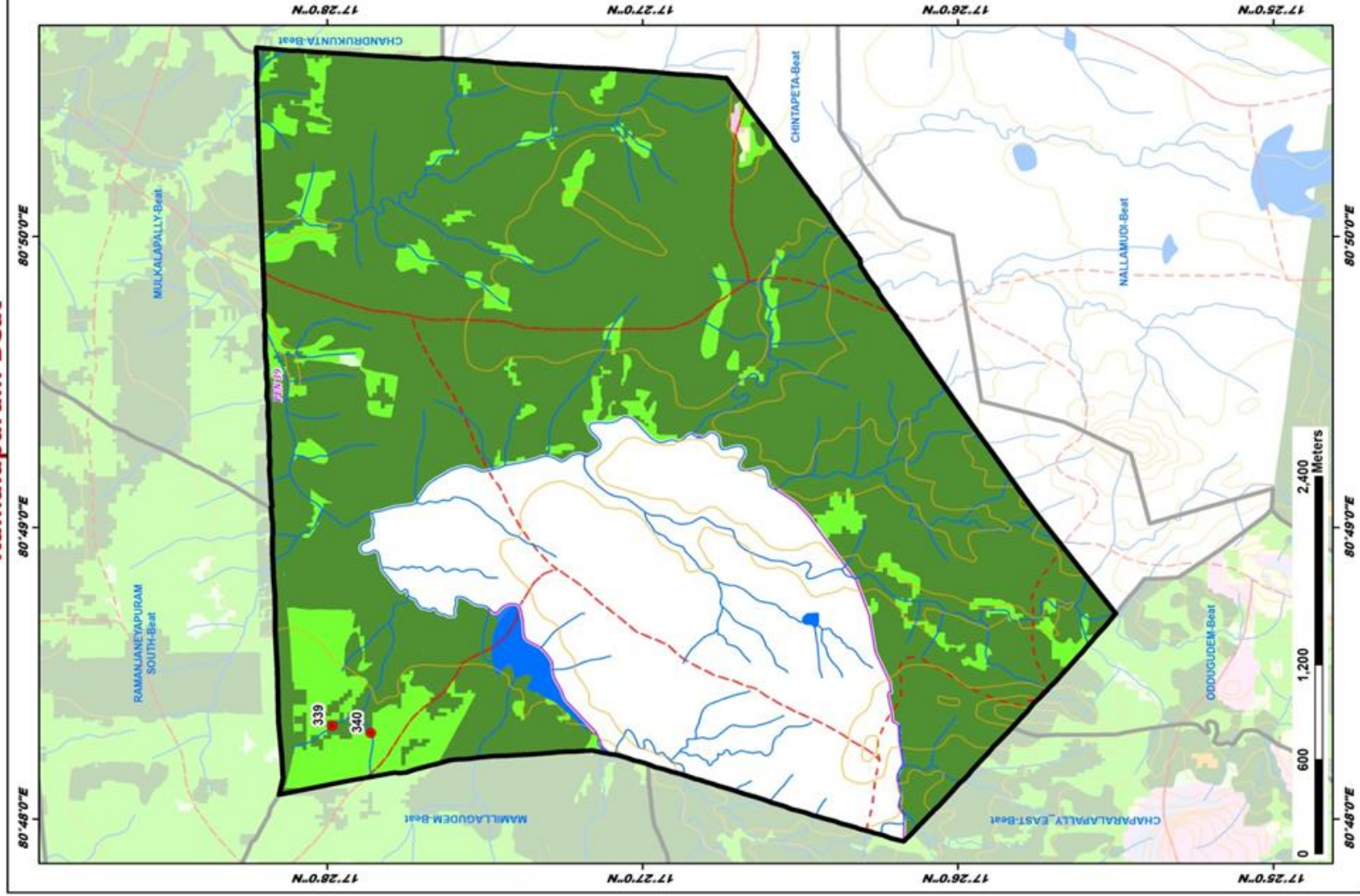
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Kamalapuram Beat



Division : Paloncha  
Range : Mulikalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
339	17.466414	80.805353	26.94	II
340	17.464355	80.804941	29.98	III

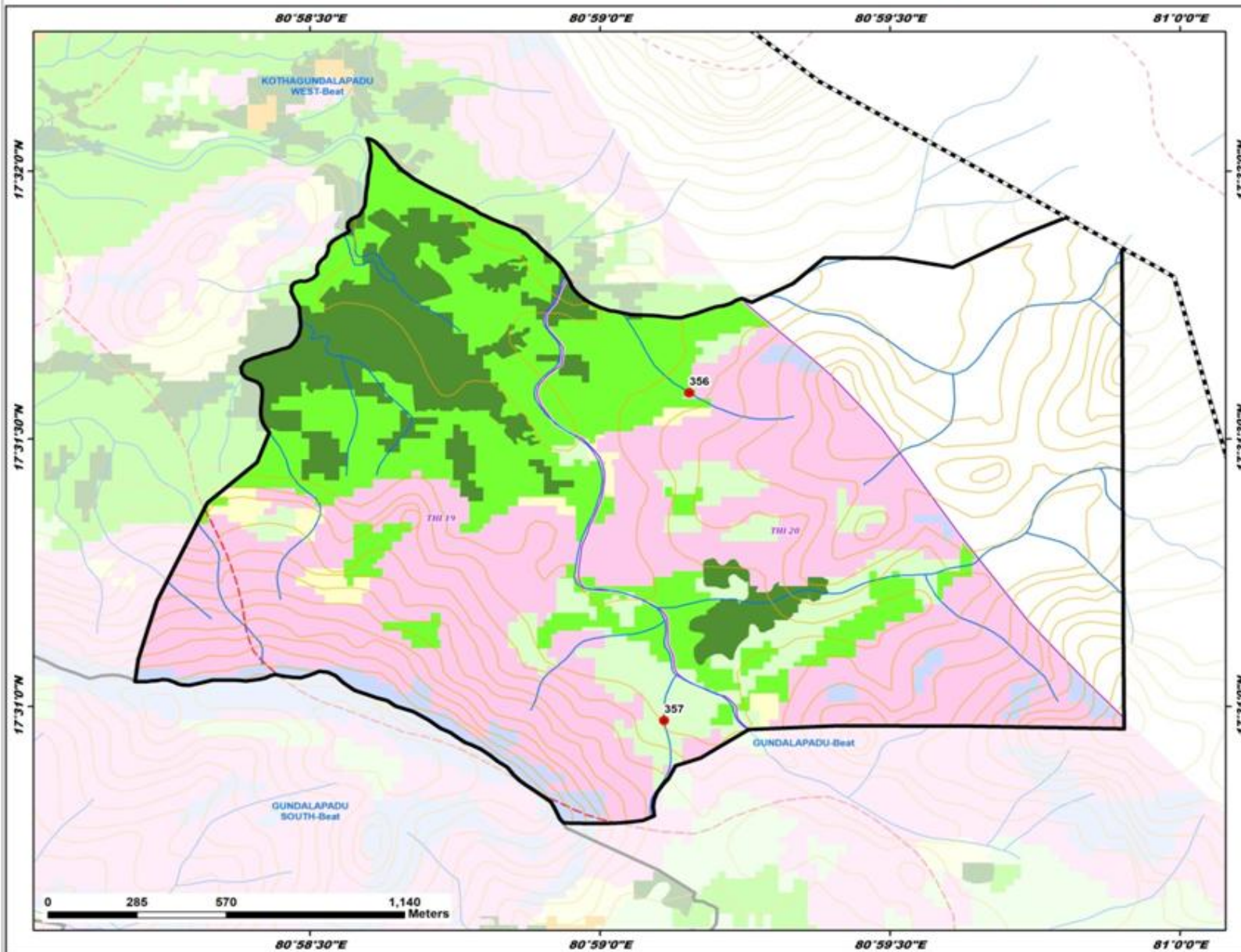
## LEGEND

- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Brown line)
- Streams (Blue line)
- Watershed Boundary (Red dashed line)
- Compartment Boundary (Black dashed line)
- Beat Boundary (Black solid line)
- Division Boundary (Black dashed line)
- CCTs/SCTs - Highly Suitable (Dark Green)
- CCTs/SCTs - Moderately Suitable (Light Green)
- CCTs/SCTs - Least Suitable (Yellow)
- PTs - Highly Suitable (Dark Green)
- PTs - Moderately Suitable (Light Green)
- PTs - Least Suitable (Yellow)
- MPTs and SGP's - Suitable (Pink)
- Not Suitable (White)
- Water Body (Blue)

# Map Showing Suitability Index for Construction of SMC Works of Kothagundalapadu North Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
356	17.526441	80.985898	10.58	H
357	17.516237	80.985180	26.41	V

**LEGEND**

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

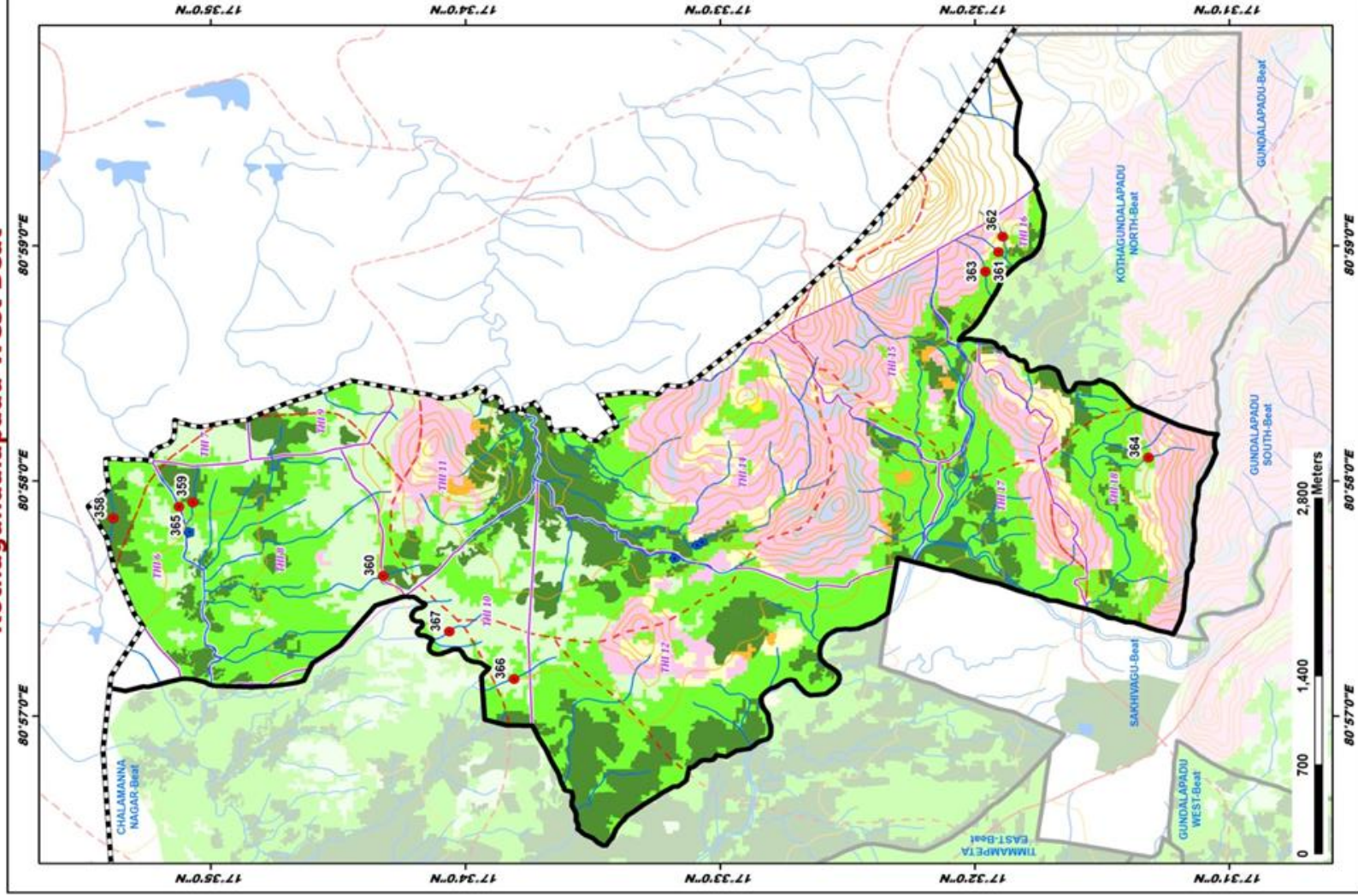
**Suitability Index**

- 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 Kothagundalapadu West Beat



Division : Paloncha  
Range : Mulikalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
358	17.587004	80.964046	22.37	I
359	17.584500	80.961538	15.85	I
360	17.572045	80.959950	7.52	I
361	17.531788	80.982022	8.13	II
362	17.531495	80.983998	7.35	II
363	17.532638	80.981524	7.30	II
364	17.521952	80.968338	11.75	II
365	17.565408	80.954872	10.85	II
366	17.563468	80.952647	20.02	IV
367	17.567714	80.956012	7.43	IV

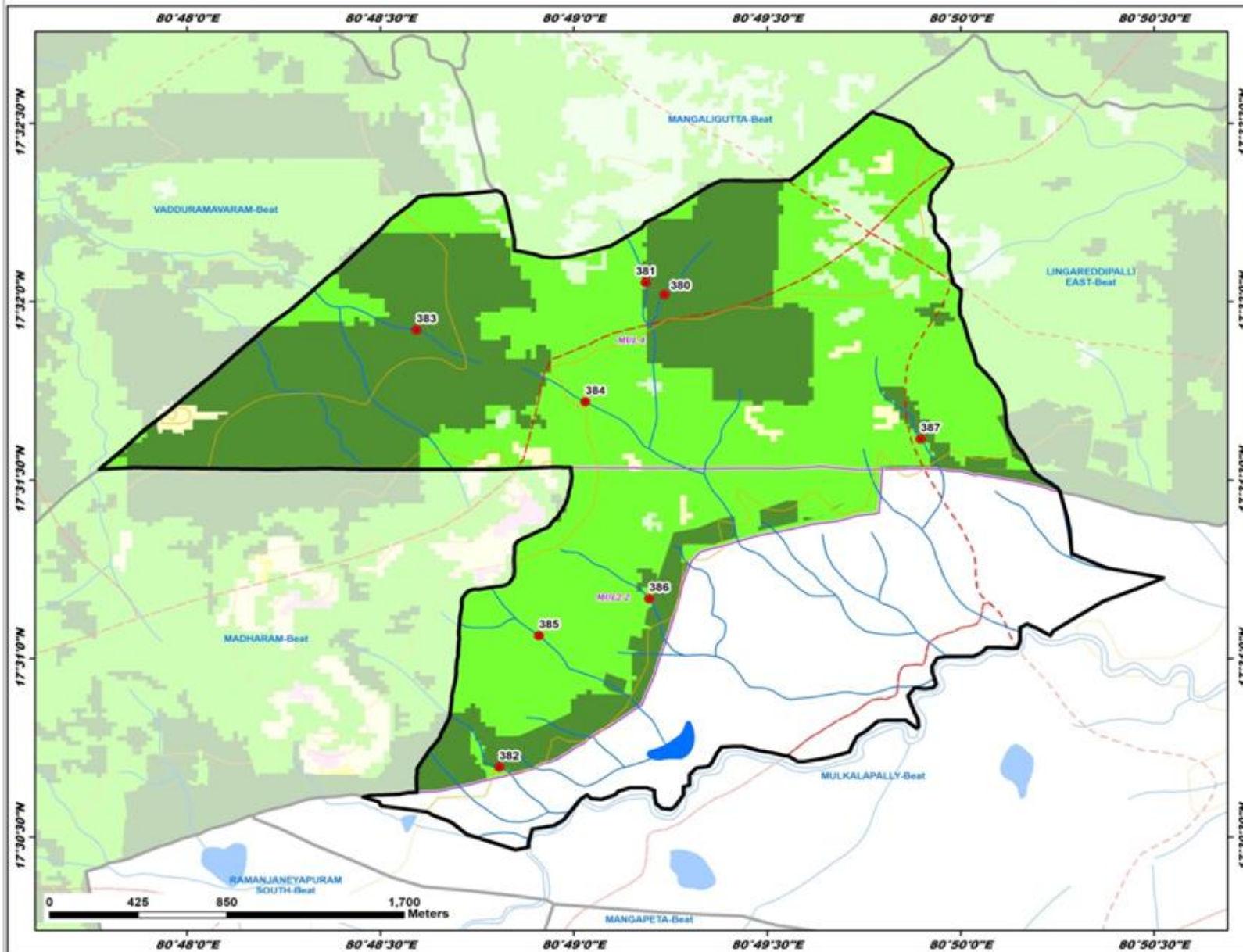
### LEGEND

- Proposed PTIs
- Existing CD/PTIs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTIs - Highly Suitable
- PTIs - Moderately Suitable
- PTIs - Least Suitable
- MPTIs and SGP's - Suitable
- Not Suitable
- Water Body

# Map Showing Suitability Index for Construction of SMC Works of Lingareddypalli Beat



Division : Paloncha  
Range : Mulkalapally



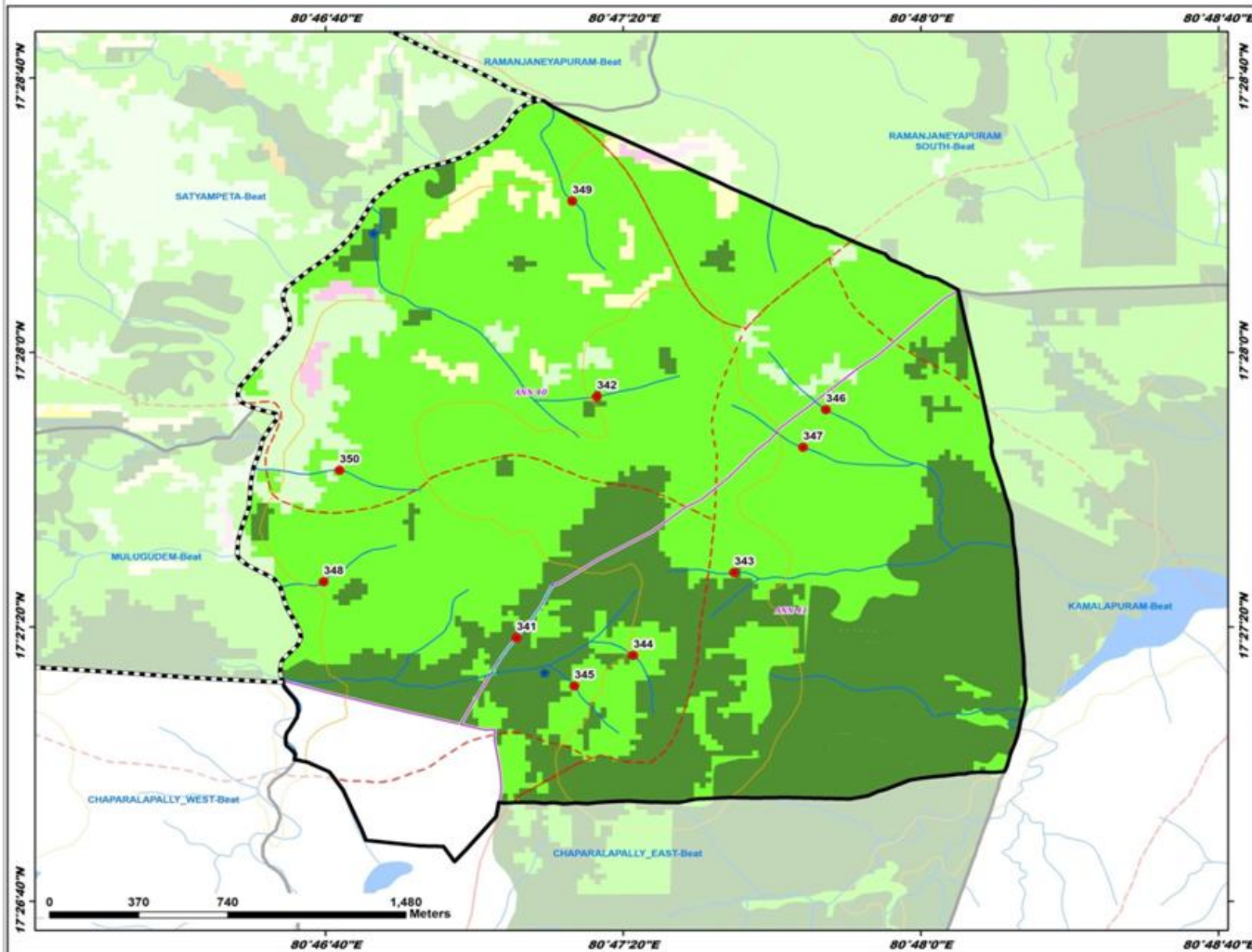
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
380	17.533684	80.820584	10.77	I
381	17.534233	80.819766	15.16	I
382	17.511599	80.819455	9.78	I
383	17.532025	80.809895	30.52	II
384	17.528664	80.817162	40.13	III
385	17.517745	80.815169	46.62	III
386	17.519469	80.819920	31.91	III
387	17.526929	80.831612	60.99	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 Mamillagudem Beat



Division : Paloncha  
Range : Mulkalapally



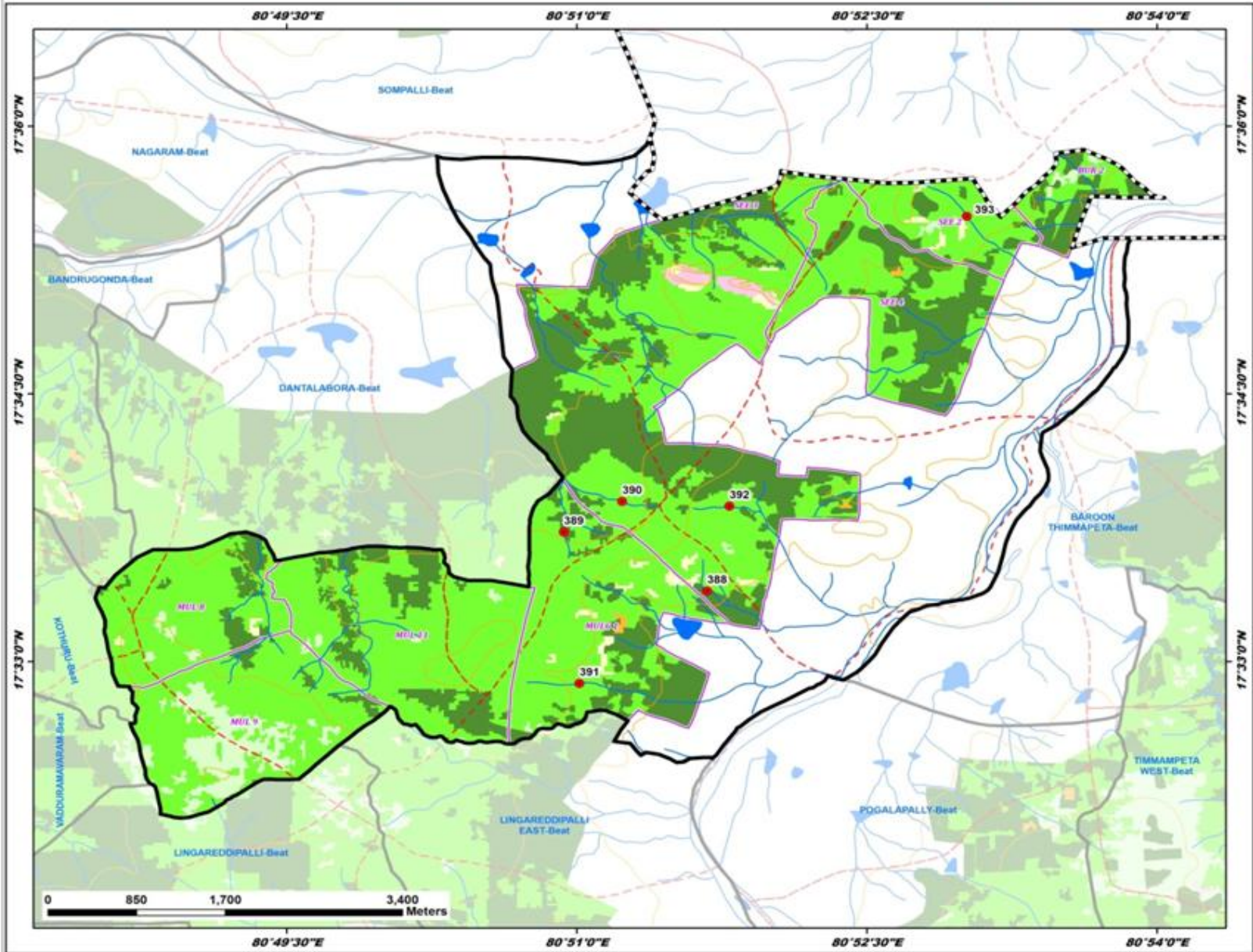
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
341	17.455119	80.784905	17.50	I
342	17.464880	80.787910	17.72	I
343	17.457761	80.793041	20.29	II
344	17.454401	80.789269	14.10	II
345	17.453168	80.787067	12.80	II
346	17.464330	80.796458	13.94	II
347	17.462828	80.795606	16.37	II
348	17.457888	80.777699	11.61	II
349	17.472800	80.786992	37.40	III
350	17.461896	80.778301	18.71	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 Mangaligutta Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
388	17.556587	80.861238	13.41	I
389	17.562110	80.848881	34.51	II
390	17.564956	80.853913	24.96	II
391	17.547953	80.850242	44.52	III
392	17.564524	80.863166	35.71	III
393	17.591595	80.883641	58.32	IV

**LEGEND**

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

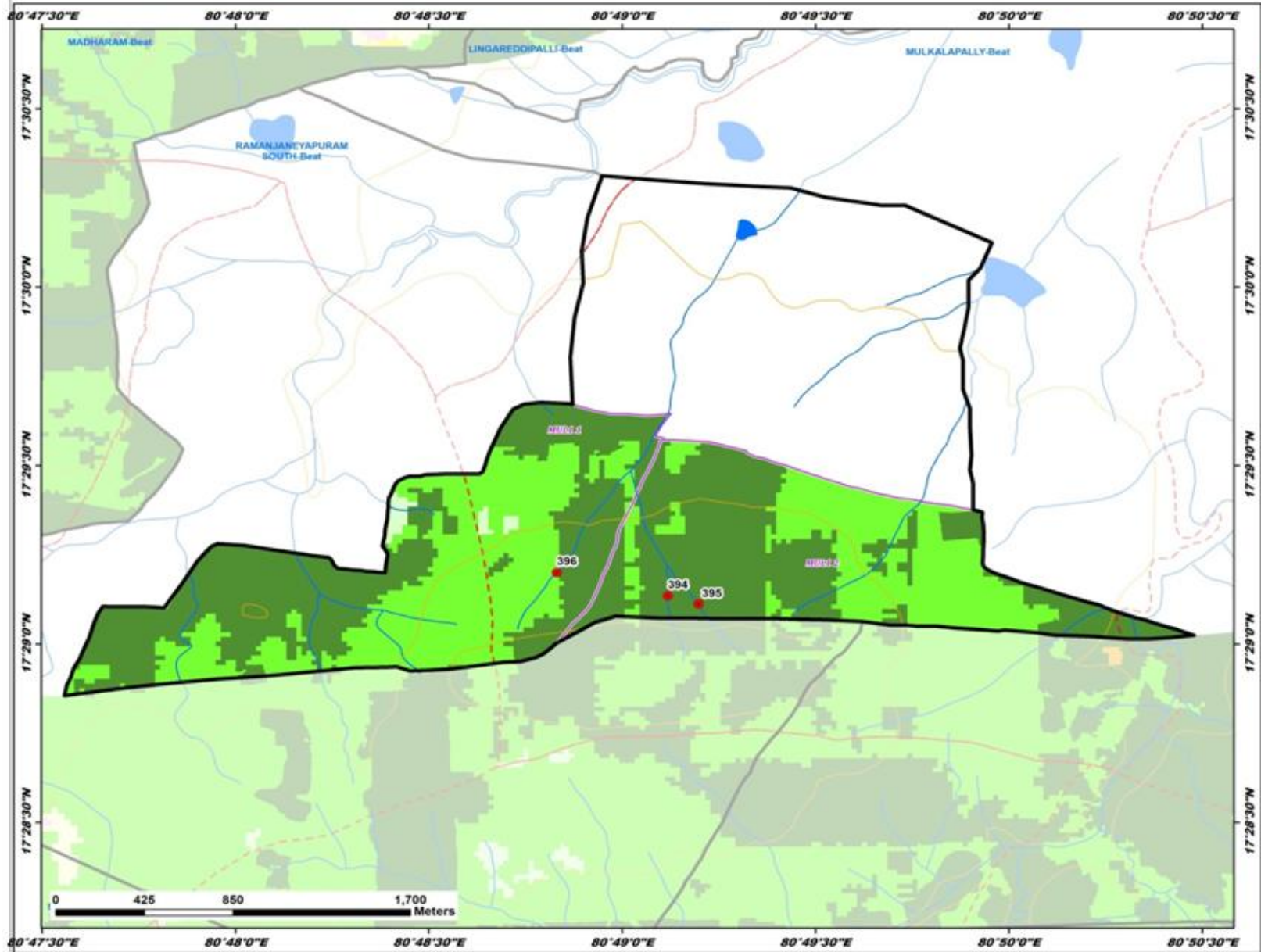
**Suitability Index**

- 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 Mangapeta Beat



Division : Paloncha  
Range : Mulkalapally



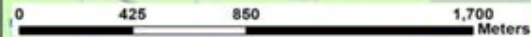
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
394	17.485594	80.818643	18.06	I
395	17.485211	80.819968	17.03	I
396	17.486677	80.819859	33.90	III

**LEGEND**

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

**Suitability Index**

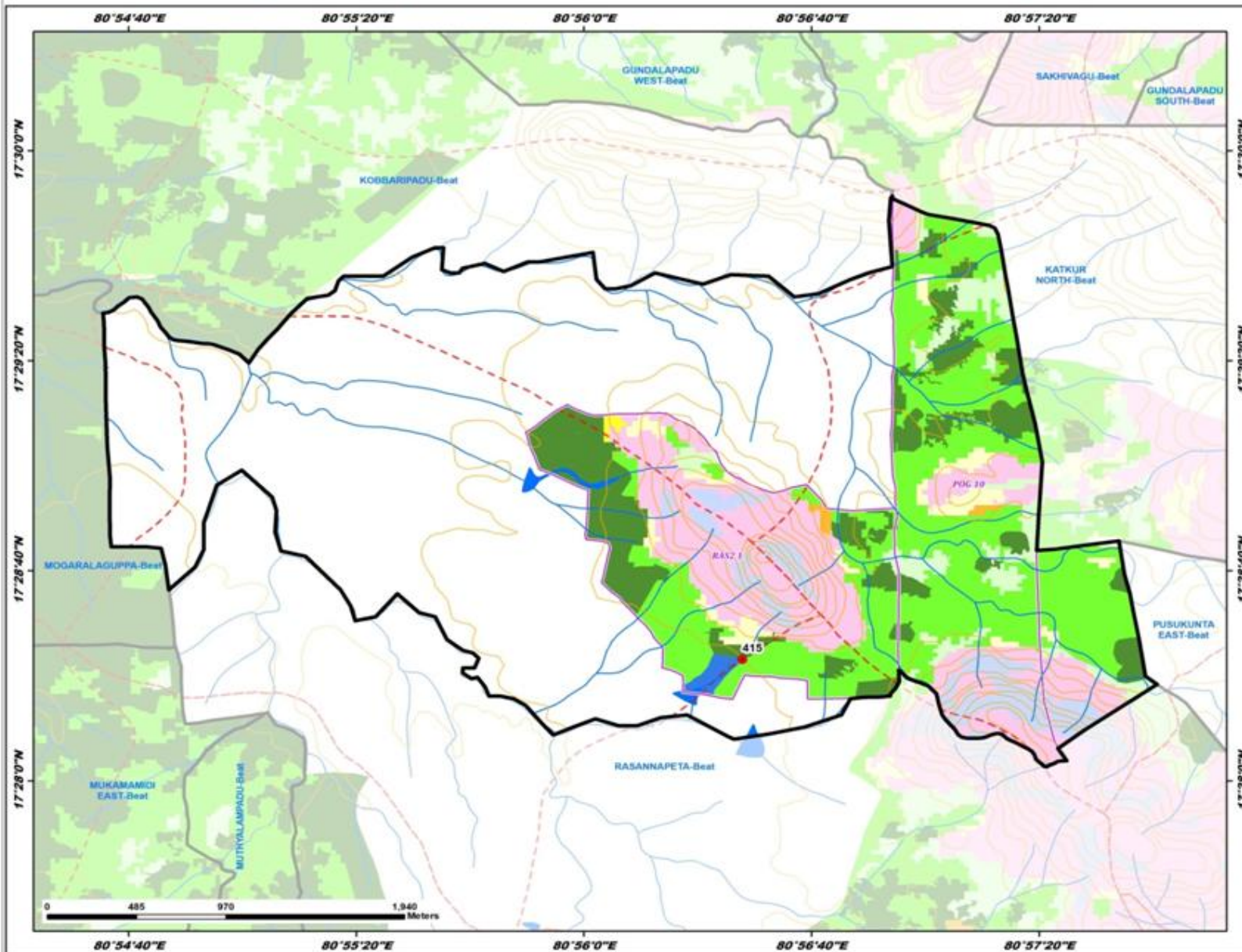
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Motugudem Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
415	17.473099	80.941074	9.28	II

**LEGEND**

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

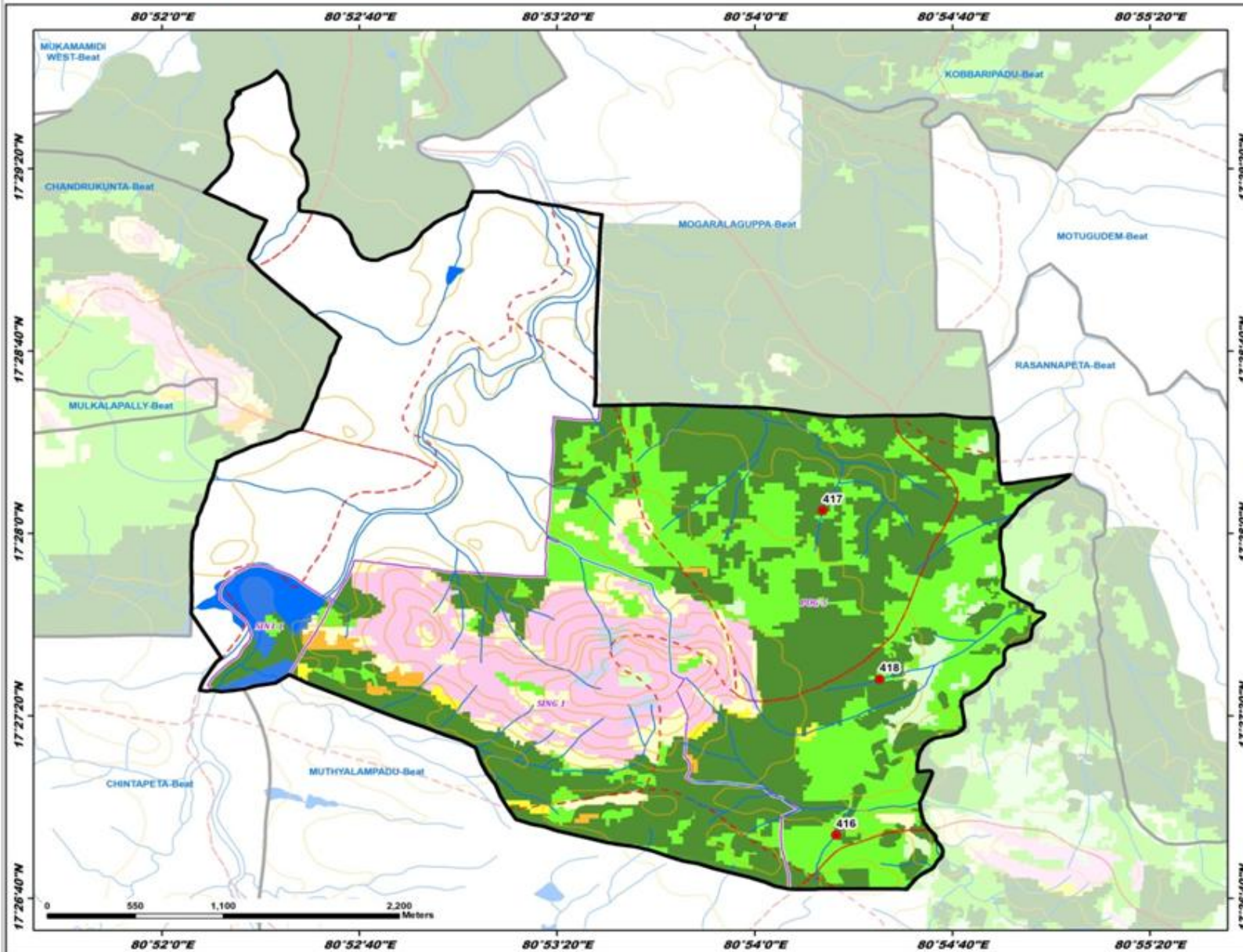
**Suitability Index**

- 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 Mukamamidi East Beat



Division : Paloncha  
Range : Mulkalapally



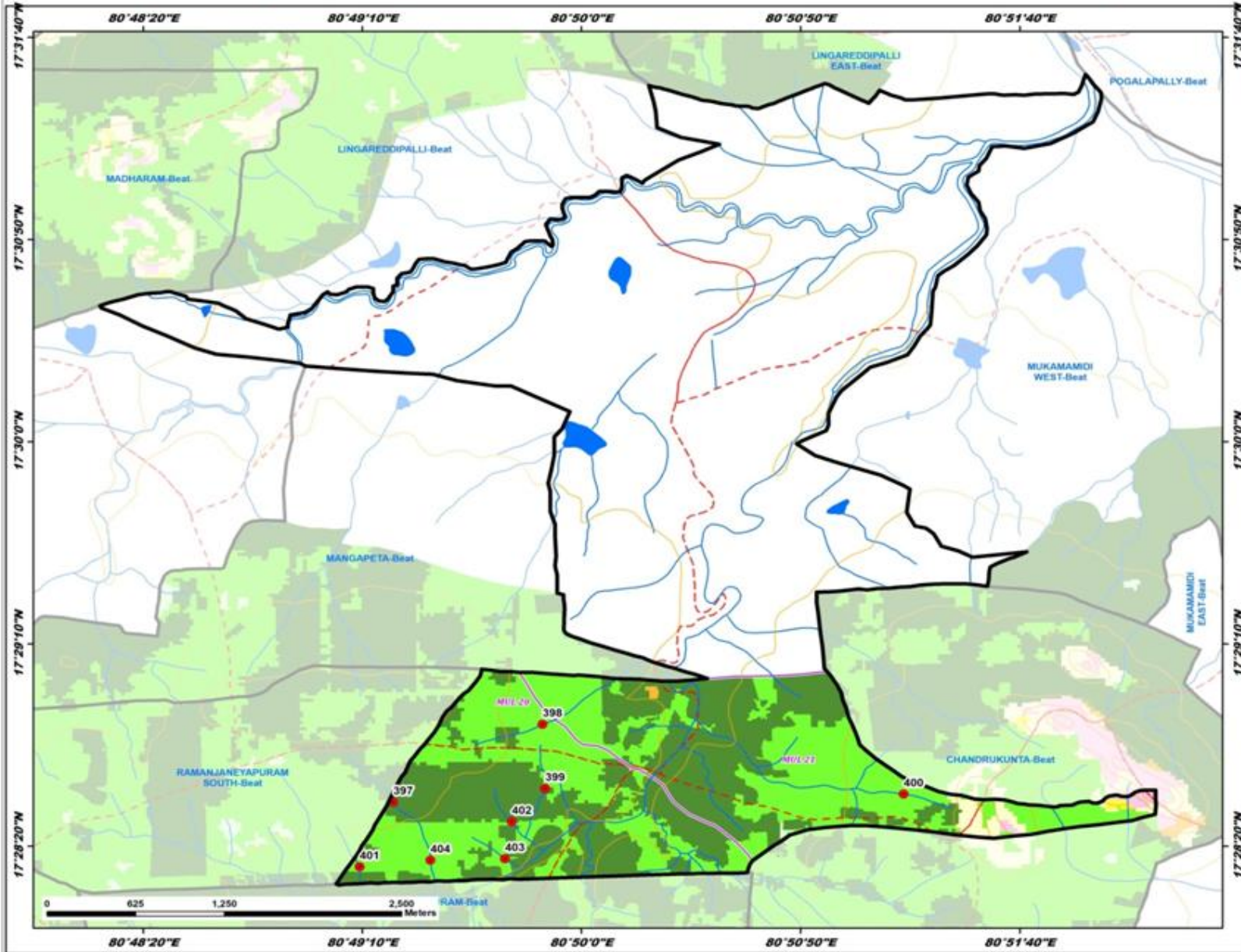
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
416	17.448303	80.904581	12.17	I
417	17.468079	80.903841	19.35	I
418	17.457791	80.907022	11.34	II

- 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 Mulkalapally Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
397	17.475256	80.821396	22.56	I
398	17.480599	80.830872	22.50	II
399	17.476200	80.831041	6.55	II
400	17.475814	80.853763	23.05	II
401	17.470814	80.819273	24.26	II
402	17.473925	80.829928	45.27	II
403	17.471360	80.829486	8.28	II
404	17.471276	80.829771	51.32	IV

**LEGEND**

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

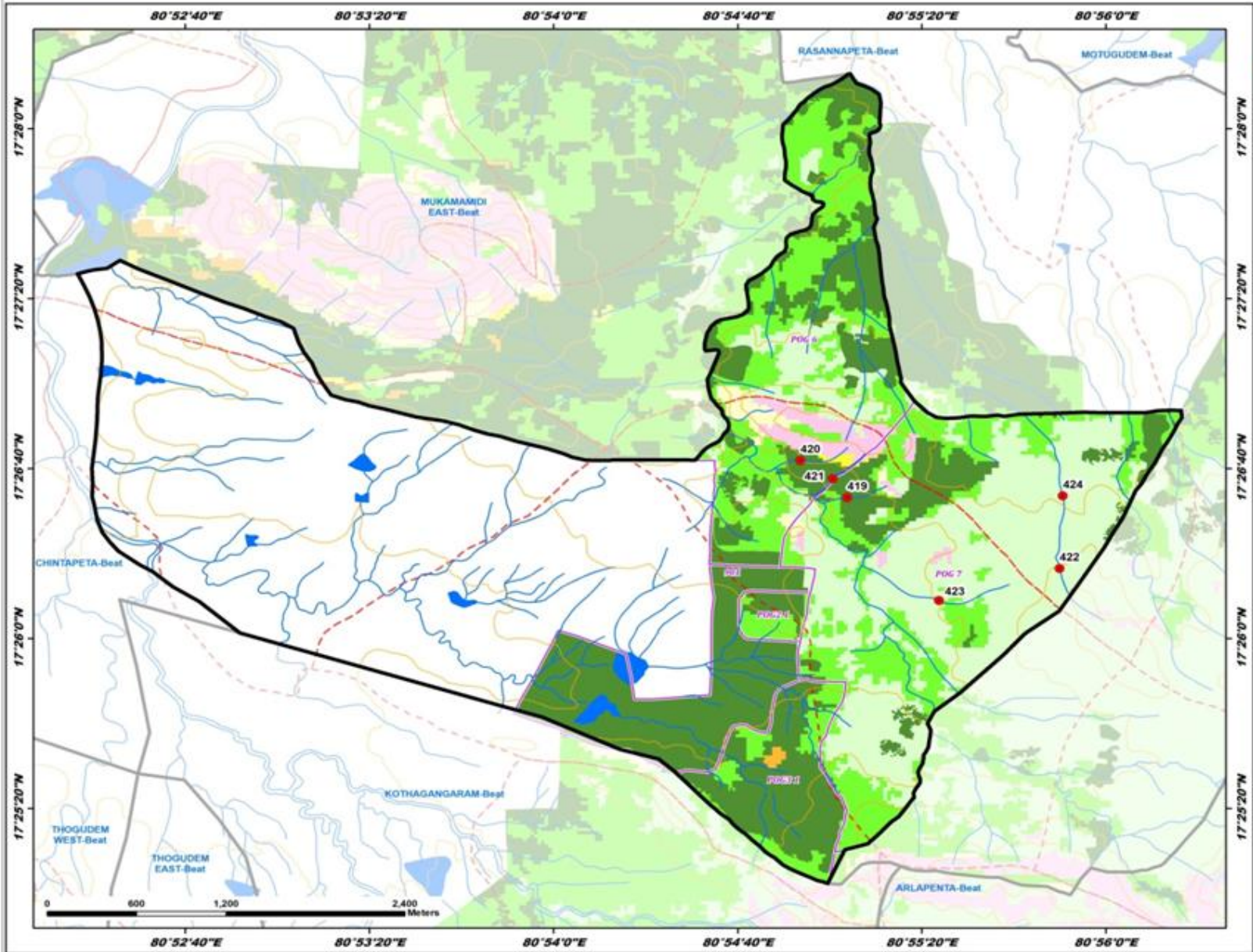
**Suitability Index**

- 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 Muthyalampadu Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
419	17.442558	80.937745	11.28	I
420	17.444997	80.934805	7.35	I
421	17.443791	80.936809	10.27	I
422	17.437930	80.930547	10.06	IV
423	17.435829	80.923264	43.41	V
424	17.442667	80.930746	26.47	V

**LEGEND**

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

**Suitability Index**

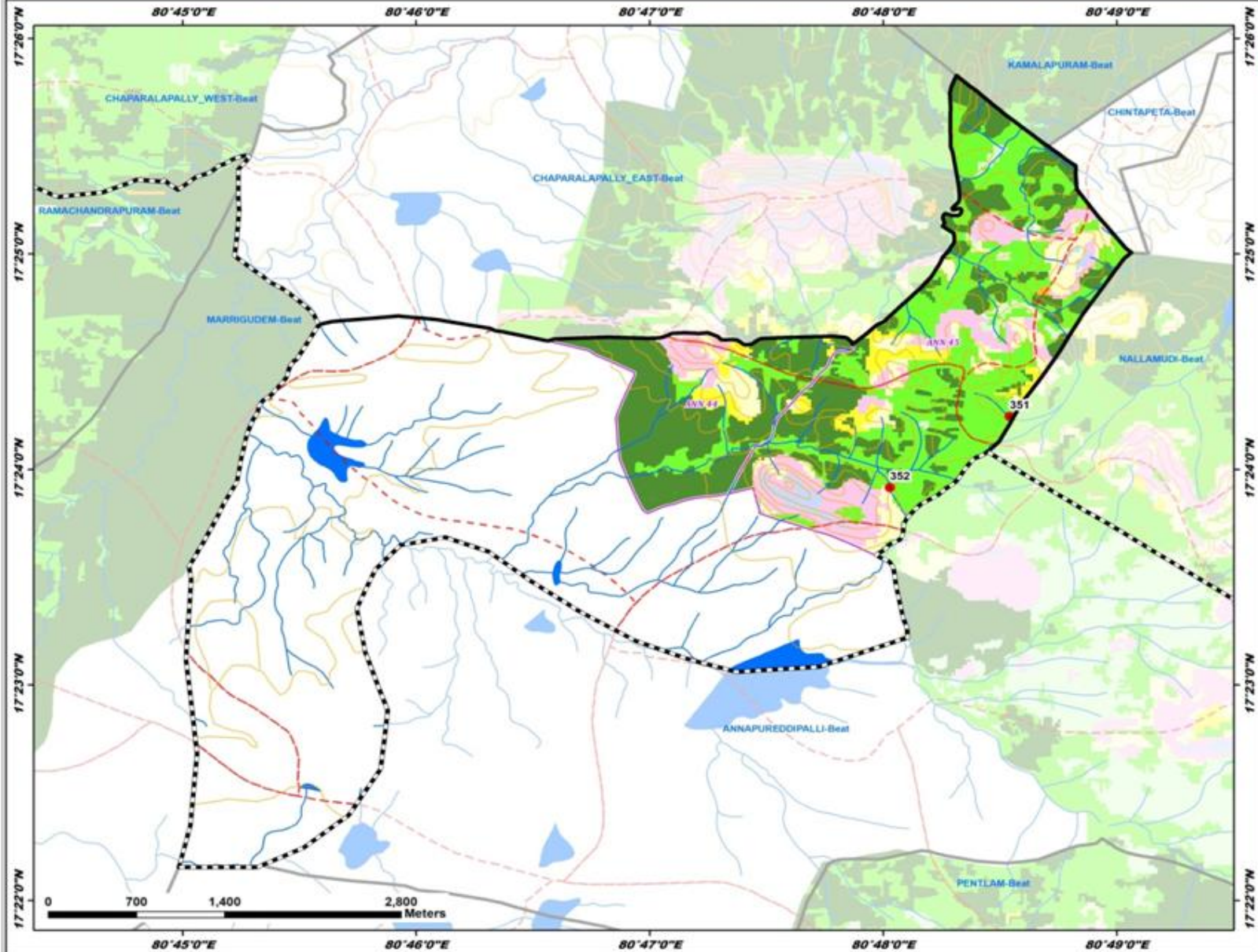
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Oddugudem Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
351	17.404100	80.809041	10.79	II
352	17.398601	80.800494	8.92	II

**LEGEND**

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

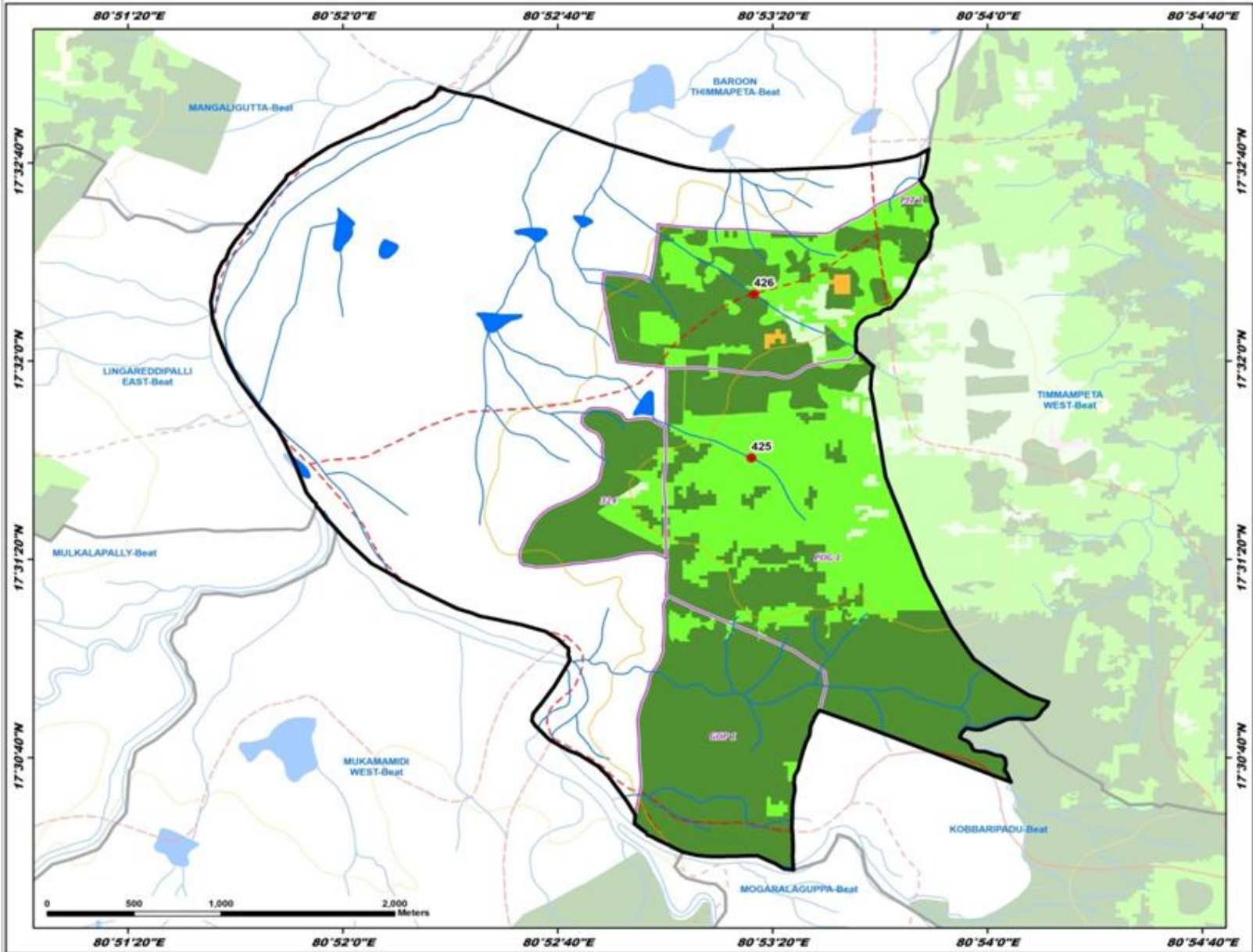
**Suitability Index**

- 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 Pogalapally Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
425	17.527950	80.887805	37.54	III
426	17.537096	80.887941	69.16	IV

**LEGEND**

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

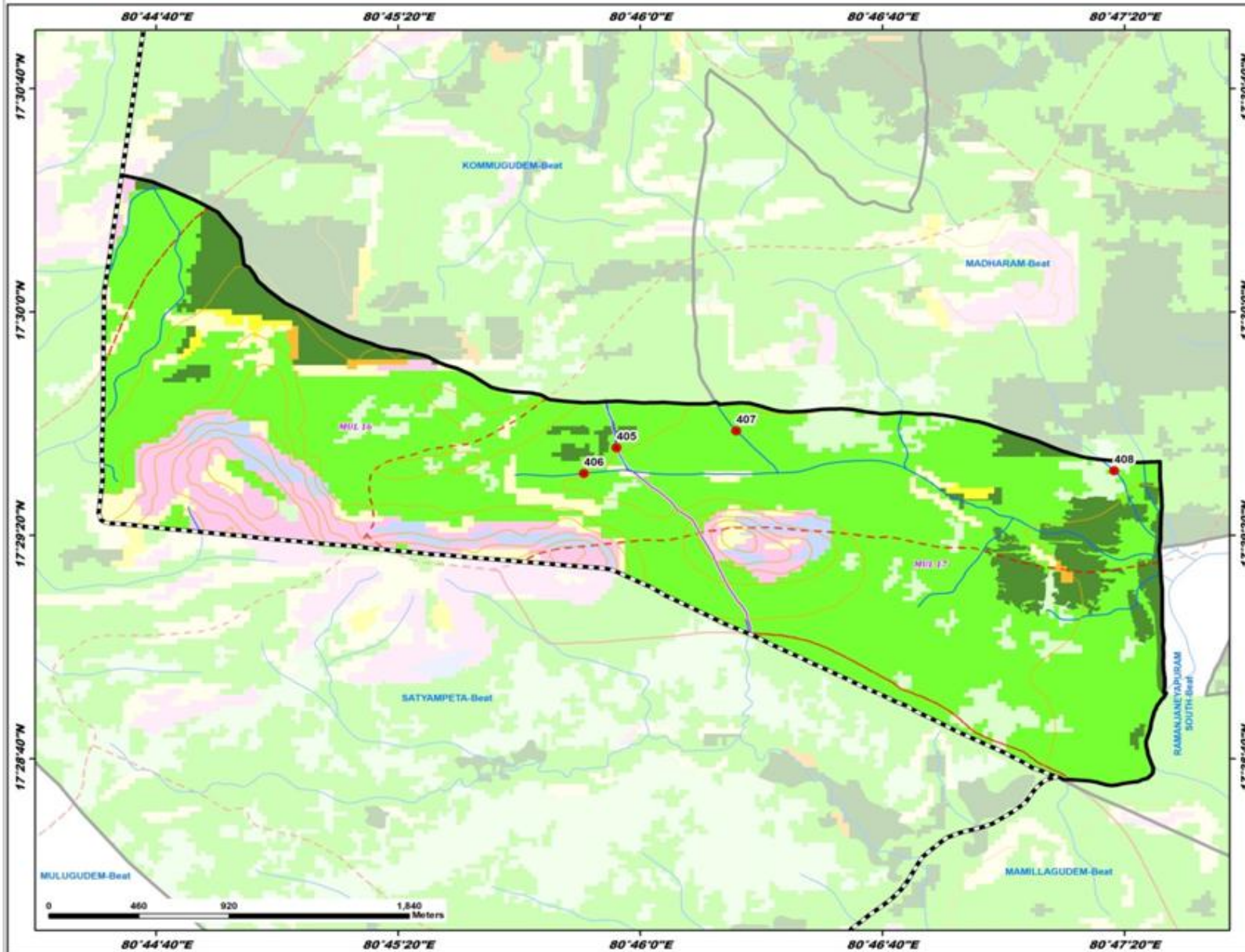
**Suitability Index**

- 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 Ramanjaneyapuram Beat



Division : Paloncha  
Range : Mulkalapally



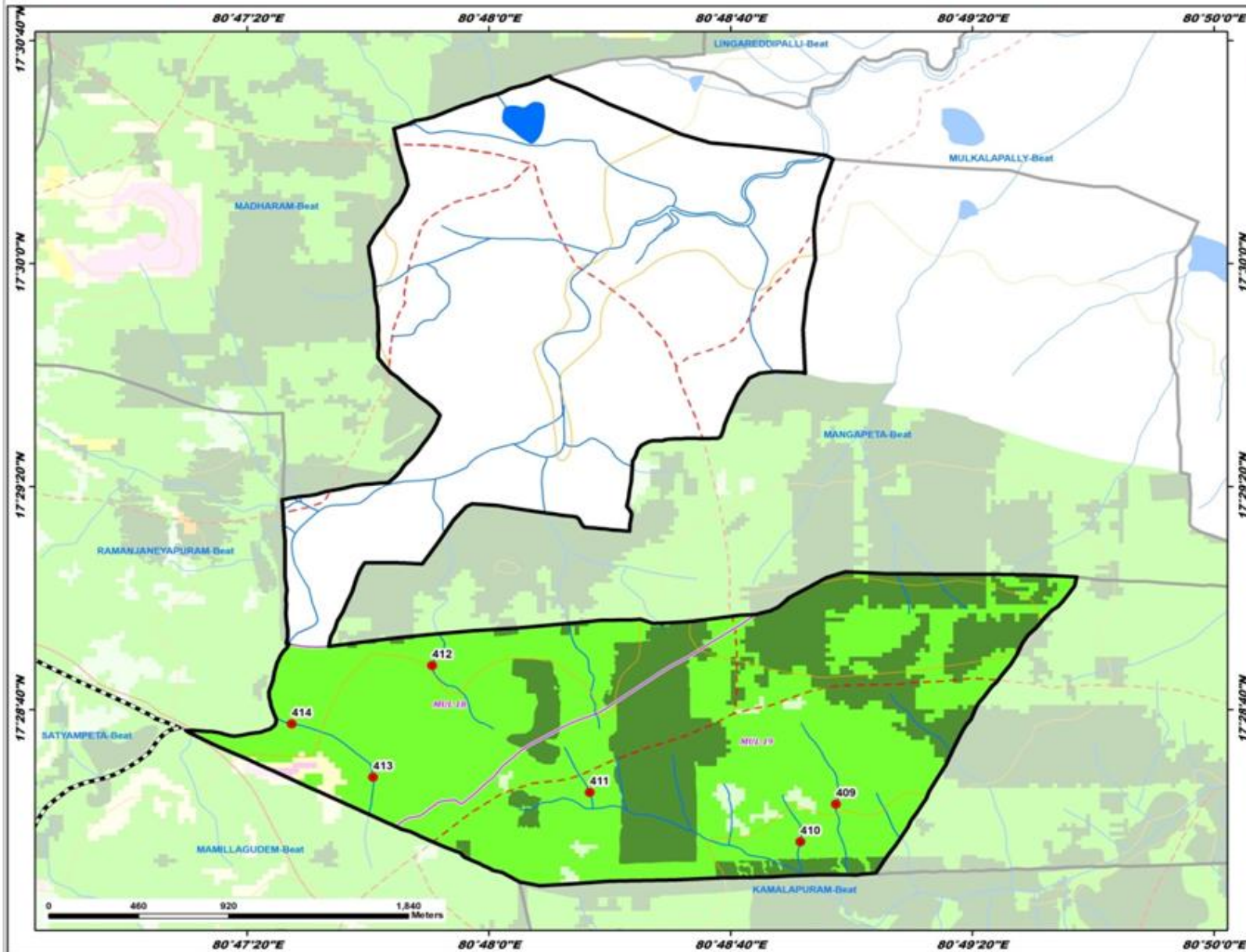
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
405	17.493258	80.765577	12.68	II
406	17.491977	80.764076	52.41	IV
407	17.494093	80.771075	59.39	IV
408	17.492104	80.788426	74.00	IV

- LEGEND**
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - Watershed Boundary
  - Compartment Boundary
  - Beat Boundary
  - Division Boundary
- Suitability Index**
- CCTs/SGPs - Highly Suitable
  - CCTs/SGPs - Moderately Suitable
  - CCTs/SGPs - 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 Ramanjaneyapuram South Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
409	17.473069	80.815957	15.36	II
410	17.471201	80.814321	12.36	II
411	17.473654	80.804639	8.44	II
412	17.479984	80.797384	31.50	III
413	17.474409	80.794674	35.18	III
414	17.477067	80.790835	78.52	IV

**LEGEND**

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

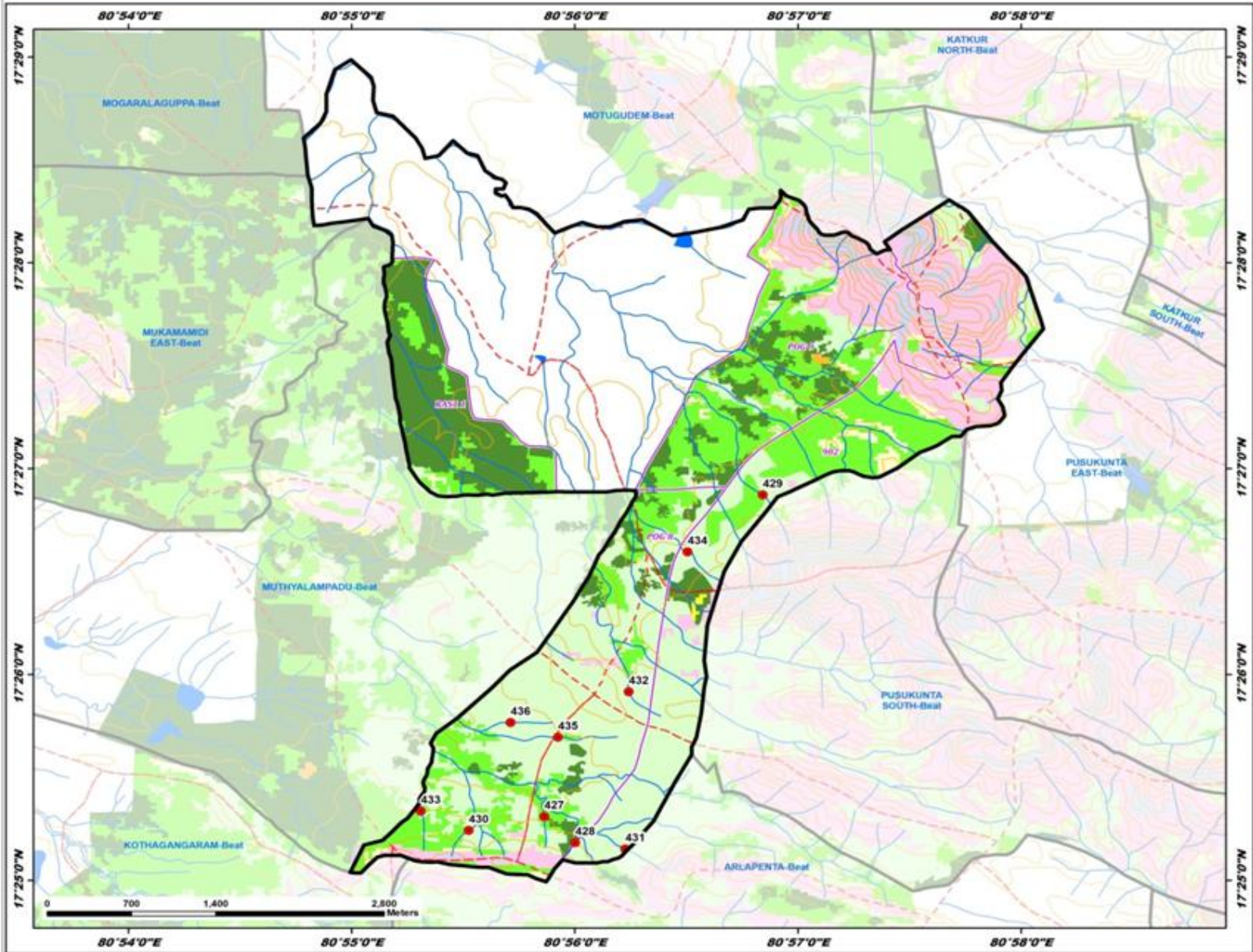
**Suitability Index**

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

# Map Showing Suitability Index for Construction of SMC Works of Rasannapeta Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
427	17.421855	80.931056	12.43	I
428	17.419730	80.933373	6.16	I
429	17.447899	80.947387	13.83	II
430	17.420730	80.925413	8.55	IV
431	17.439224	80.937112	13.38	IV
432	17.431993	80.937385	23.49	IV
433	17.422298	80.921895	10.38	IV
434	17.443277	80.941777	13.20	IV
435	17.428271	80.932097	45.31	V
436	17.429455	80.928545	27.50	V

**LEGEND**

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

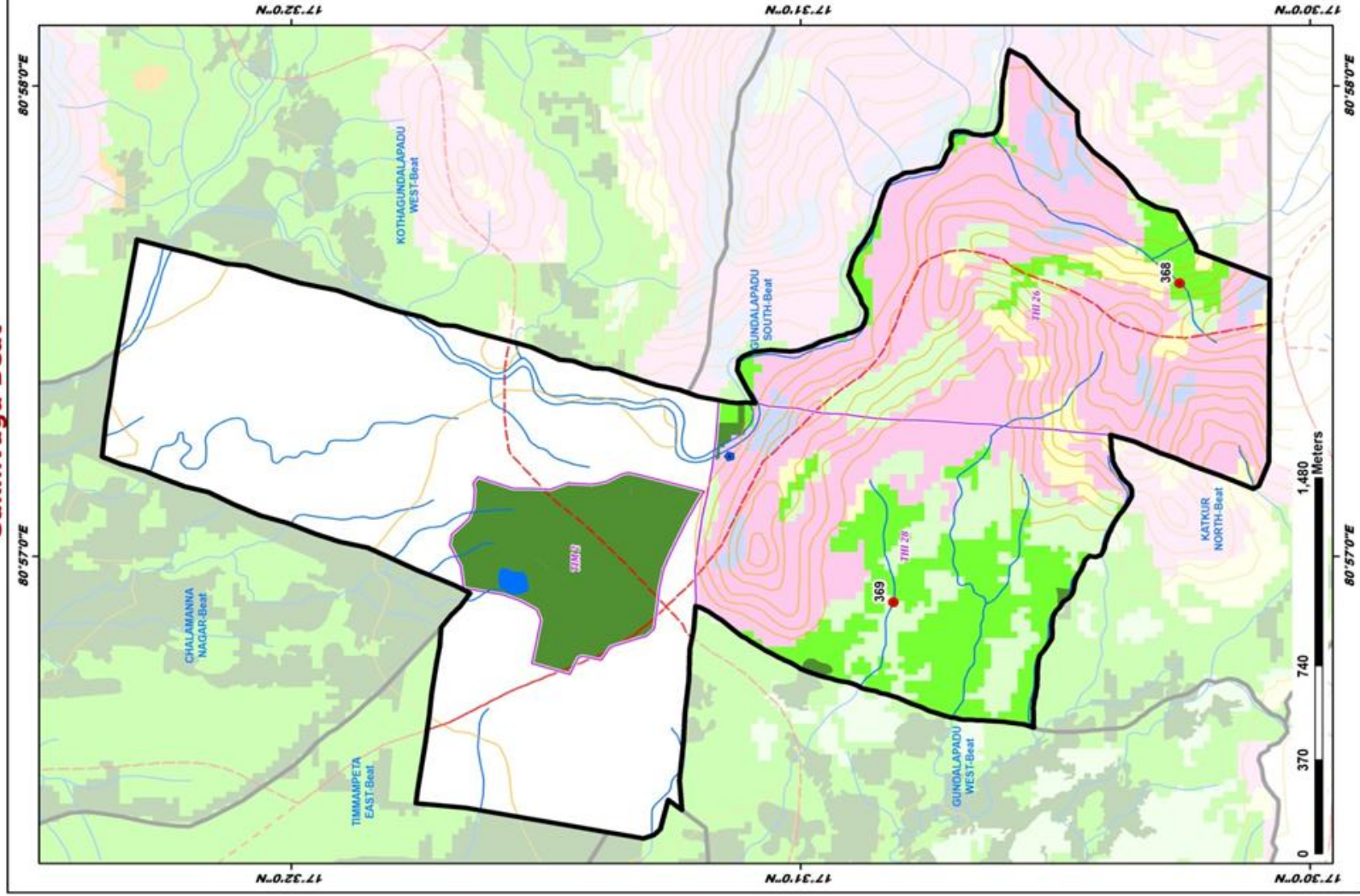
**Suitability Index**

- 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 Sakhivagu Beat



Division : Paloncha  
Range : Mulikalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
368	17.504266	80.959688	11.49	II
369	17.513827	80.948388	24.50	II

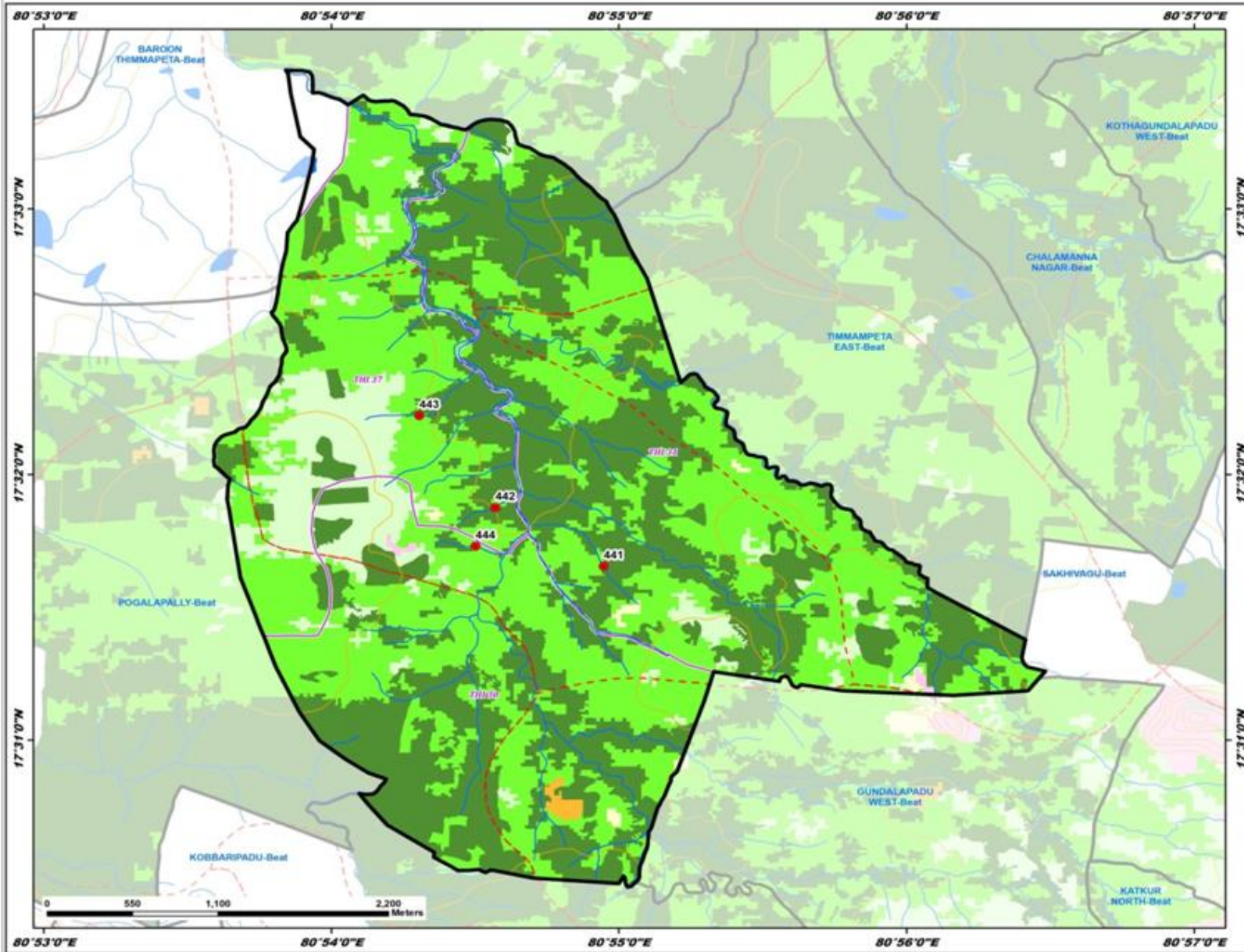
### LEGEND

- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Yellow line)
- Streams (Blue line)
- Watershed Boundary (Red dashed line)
- Compartment Boundary (Purple dashed line)
- Beat Boundary (Black solid line)
- Division Boundary (Black dashed line)
- CCTs/SCTs - Highly Suitable (Orange)
- CCTs/SCTs - Moderately Suitable (Yellow)
- CCTs/SCTs - Least Suitable (Light Green)
- PTs - Highly Suitable (Green)
- PTs - Moderately Suitable (Light Green)
- PTs - Least Suitable (Pink)
- MPTs and SGP's - Suitable (Light Blue)
- Not Suitable (White)
- Water Body (Dark Blue)

# Map Showing Suitability Index for Construction of SMC Works of Timmampeta West Beat



Division : Paloncha  
Range : Mulkalapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
441	17.527584	80.915792	8.52	I
442	17.531260	80.909502	13.99	I
443	17.537036	80.905100	18.26	II
444	17.528840	80.908363	44.53	III

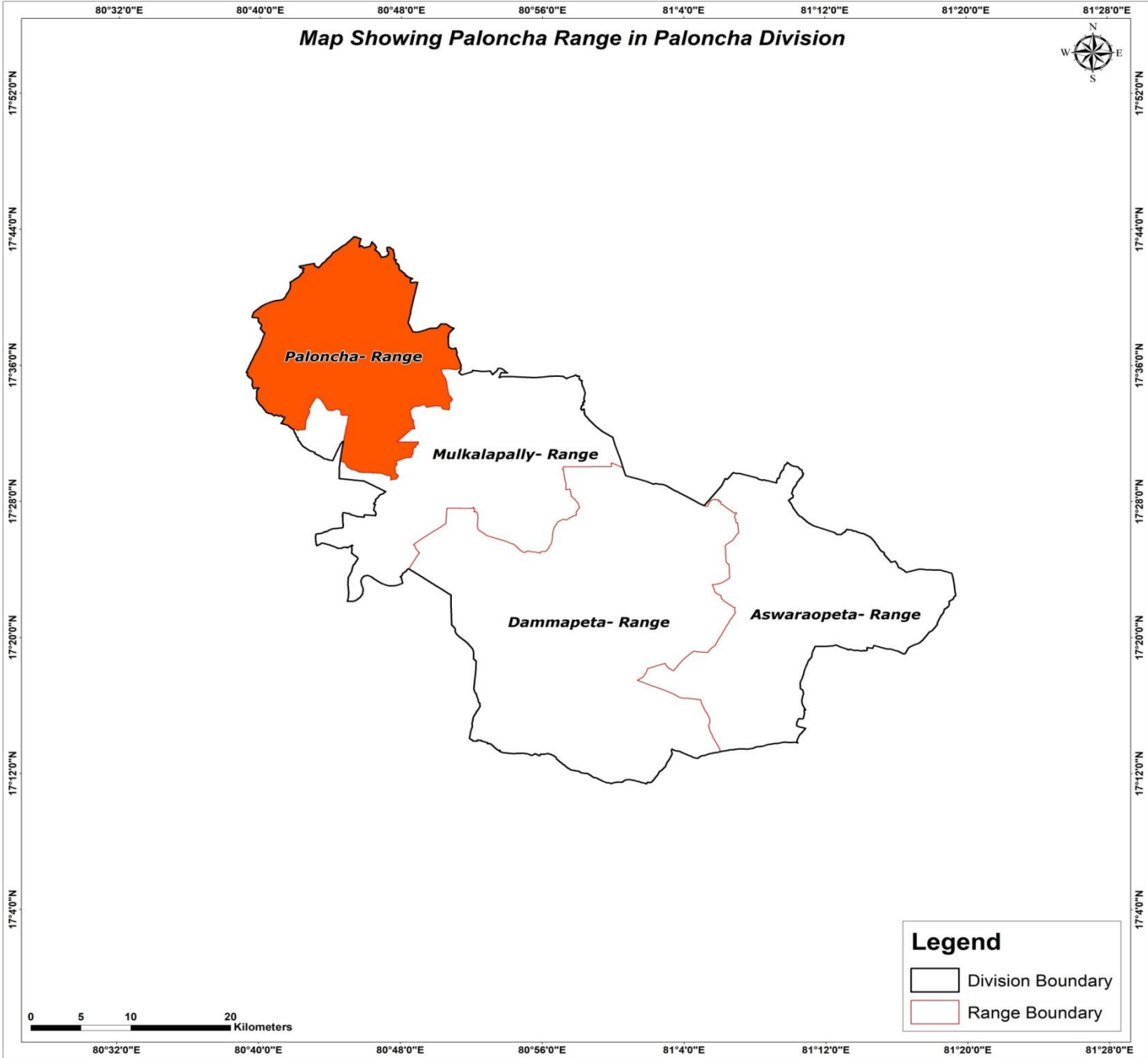
**LEGEND**

- 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 Paloncha Range in Paloncha Division



17°52'0"N  
17°44'0"N  
17°36'0"N  
17°28'0"N  
17°20'0"N  
17°12'0"N  
17°4'0"N

17°52'0"N  
17°44'0"N  
17°36'0"N  
17°28'0"N  
17°20'0"N  
17°12'0"N  
17°4'0"N

80°32'0"E 80°40'0"E 80°48'0"E 80°56'0"E 81°4'0"E 81°12'0"E 81°20'0"E 81°28'0"E

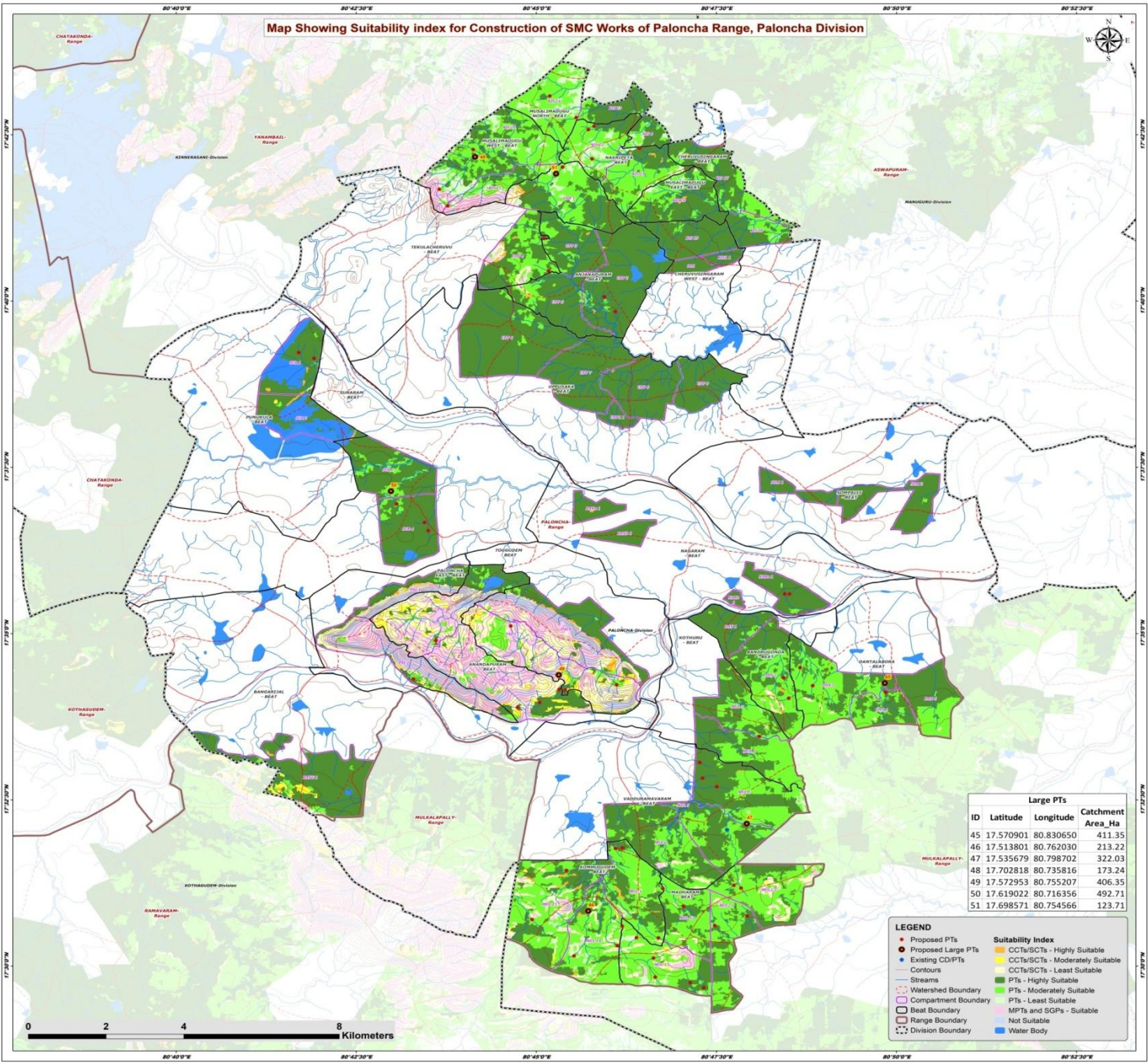
80°32'0"E 80°40'0"E 80°48'0"E 80°56'0"E 81°4'0"E 81°12'0"E 81°20'0"E 81°28'0"E

0 5 10 20 Kilometers

**Legend**

- Division Boundary
- Range Boundary

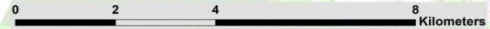
Map Showing Suitability index for Construction of SMC Works of Paloncha Range, Paloncha Division



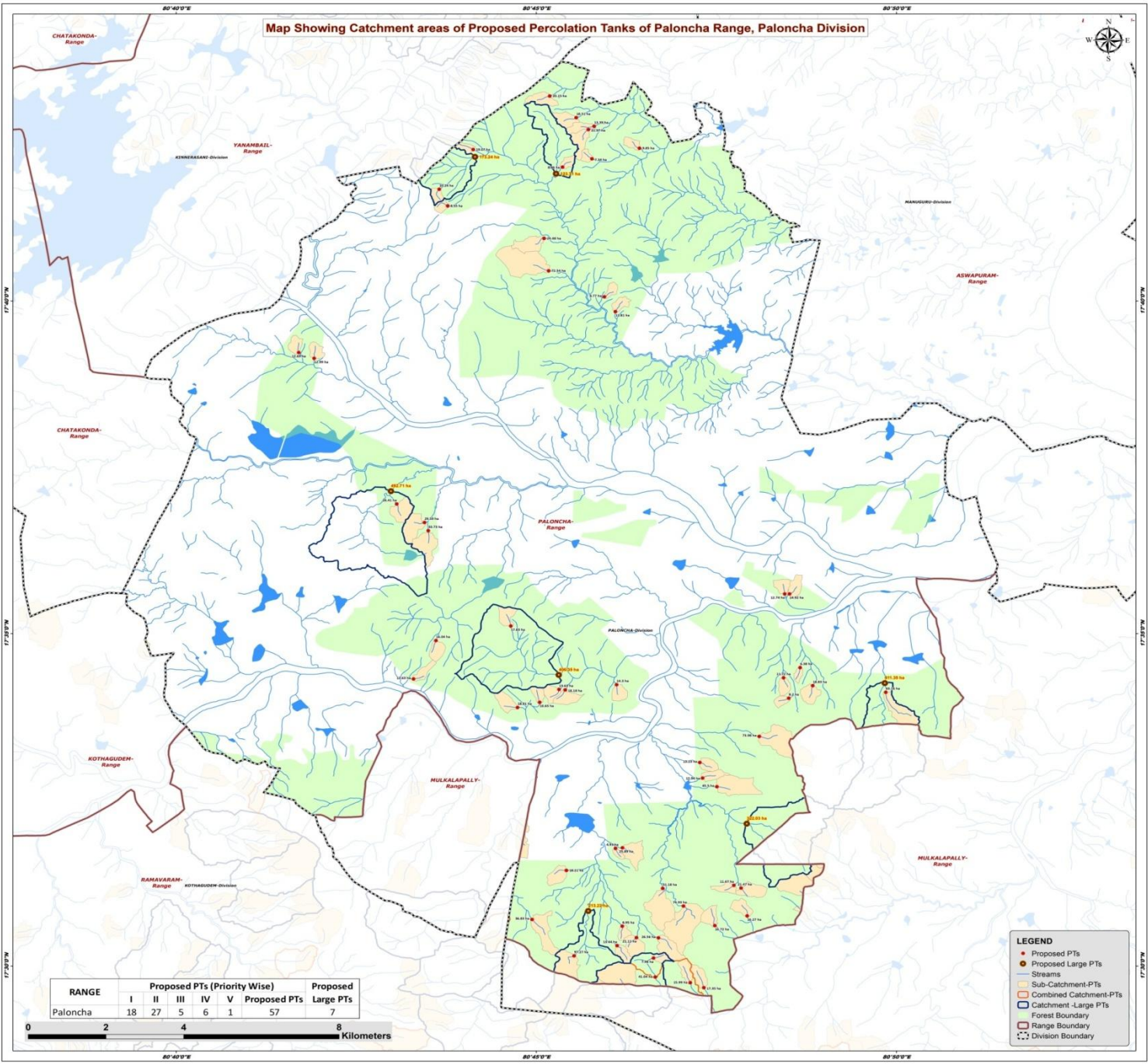
Large Pits			
ID	Latitude	Longitude	Catchment Area_Ha
45	17.570901	80.830650	411.35
46	17.513801	80.762030	213.22
47	17.535679	80.798702	322.03
48	17.702818	80.735816	173.24
49	17.572953	80.755207	406.35
50	17.619022	80.716356	492.71
51	17.698571	80.754566	123.71

**LEGEND**

- Proposed Pits
- Proposed Large Pits
- Existing CD/Pits
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary
- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - Least Suitable
- Pits - Highly Suitable
- Pits - Moderately Suitable
- Pits - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Paloncha	18	27	5	6	1	57
						7

0 2 4 8 Kilometers

- 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 – Paloncha Range

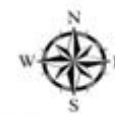
S. No.	Beat	Proposed PT's
1	ANANDAPURAM	4
2	ANJANAPURAM	2
3	BANDRUGONDA	2
4	DANTALABORA	3
5	KOMMUGUDEM	8
6	KOTHURU	1
7	MADHARAM	11
8	MUSALIMADUGU NORTH	2
9	MUSALIMADUGU WEST	3
10	NAGARAM	2
11	NAKRIPETA	4
12	PALONCHA EAST	1
13	PUNUKULA	2
14	SURARAM	3
15	TEKULACHERUVU	3
16	TOGGUDEM	3
17	VADDURAMAVARAM	3
	<b>Total</b>	<b>57</b>

## List of Proposed PTs – Paloncha Range

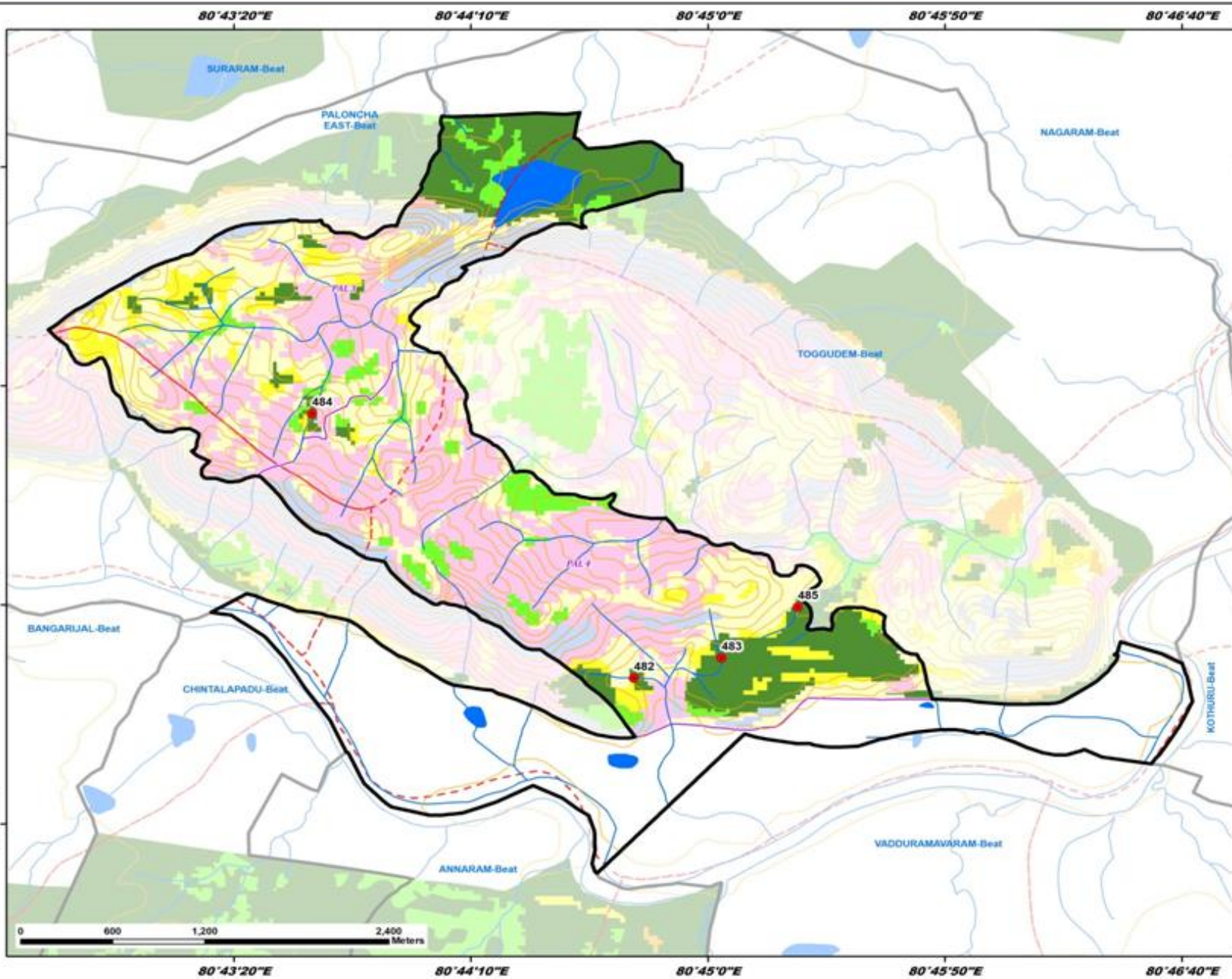
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
445	17.572242	80.807202	11.72	II	BANDRUGONDA
446	17.567120	80.808412	8.20	II	BANDRUGONDA
447	17.570257	80.813957	18.83	II	DANTALABORA
448	17.574801	80.811040	6.38	II	DANTALABORA
449	17.568617	80.830861	63.16	III	DANTALABORA
450	17.523959	80.756978	18.21	II	KOMMUGUDEM
451	17.509975	80.769887	8.95	II	KOMMUGUDEM
452	17.529496	80.768325	4.93	II	KOMMUGUDEM
453	17.505101	80.768702	13.44	II	KOMMUGUDEM
454	17.529638	80.769936	25.89	II	KOMMUGUDEM
455	17.511664	80.749029	36.83	III	KOMMUGUDEM
456	17.507055	80.778265	26.56	III	KOMMUGUDEM
457	17.502562	80.758768	97.27	V	KOMMUGUDEM
458	17.557557	80.801583	73.98	IV	KOTHURU
459	17.494569	80.788768	17.35	I	MADHARAM
460	17.510137	80.791319	16.72	I	MADHARAM
461	17.495822	80.785629	15.99	I	MADHARAM
462	17.507103	80.773185	21.11	II	MADHARAM
463	17.512565	80.798810	16.27	II	MADHARAM
464	17.519531	80.797396	21.47	II	MADHARAM
465	17.520236	80.795734	11.67	II	MADHARAM
466	17.501998	80.777131	7.98	II	MADHARAM
467	17.515026	80.784044	74.93	IV	MADHARAM
468	17.519457	80.779241	51.18	IV	MADHARAM
469	17.497246	80.777537	41.04	III	MADHARAM
470	17.547112	80.788491	12.94	I	VADDURAMAVARAM
471	17.551022	80.787846	13.23	I	VADDURAMAVARAM
472	17.544947	80.791805	45.50	II	VADDURAMAVARAM
473	17.712640	80.759265	18.51	II	MUSALIMADUGU NORTH
474	17.718062	80.753125	20.15	II	MUSALIMADUGU NORTH
475	17.690497	80.729498	8.55	II	MUSALIMADUGU WEST
476	17.704637	80.735406	19.07	II	MUSALIMADUGU WEST
477	17.694679	80.727555	10.24	IV	MUSALIMADUGU WEST
478	17.704965	80.773885	9.85	I	NAKRIPETA
479	17.710475	80.763388	13.39	II	NAKRIPETA
480	17.702303	80.762880	7.34	II	NAKRIPETA
481	17.709637	80.762051	21.97	II	NAKRIPETA
482	17.564809	80.745664	18.81	I	ANANDAPURAM
483	17.566094	80.750802	10.65	I	ANANDAPURAM
484	17.581580	80.726795	16.04	I	ANANDAPURAM

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
485	17.569315	80.755279	13.63	I	ANANDAPURAM
486	17.593254	80.807495	12.74	I	NAGARAM
487	17.593247	80.808585	14.92	I	NAGARAM
488	17.571955	80.721595	12.63	II	PALONCHA EAST
489	17.569212	80.756695	18.18	I	TOGGUDEM
490	17.570519	80.768580	14.30	II	TOGGUDEM
491	17.585204	80.744116	17.83	IV	TOGGUDEM
492	17.663994	80.768311	11.81	I	ANJANAPURAM
493	17.667726	80.765756	8.77	I	ANJANAPURAM
494	17.653751	80.695040	12.69	I	PUNUKULA
495	17.652291	80.698595	12.99	I	PUNUKULA
496	17.609114	80.725003	33.73	II	SURARAM
497	17.611167	80.724149	29.59	II	SURARAM
498	17.615803	80.717712	26.41	III	SURARAM
499	17.682359	80.751816	24.48	I	TEKULACHERUVU
500	17.700239	80.756083	8.86	II	TEKULACHERUVU
501	17.674262	80.752876	72.54	IV	TEKULACHERUVU

# Map Showing Suitability Index for Construction of SMC Works of Anandapuram Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
482	17.564809	80.745664	18.81	I
483	17.566094	80.750802	10.65	I
484	17.581580	80.726795	16.04	I
485	17.569315	80.755279	13.63	I

**LEGEND**

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

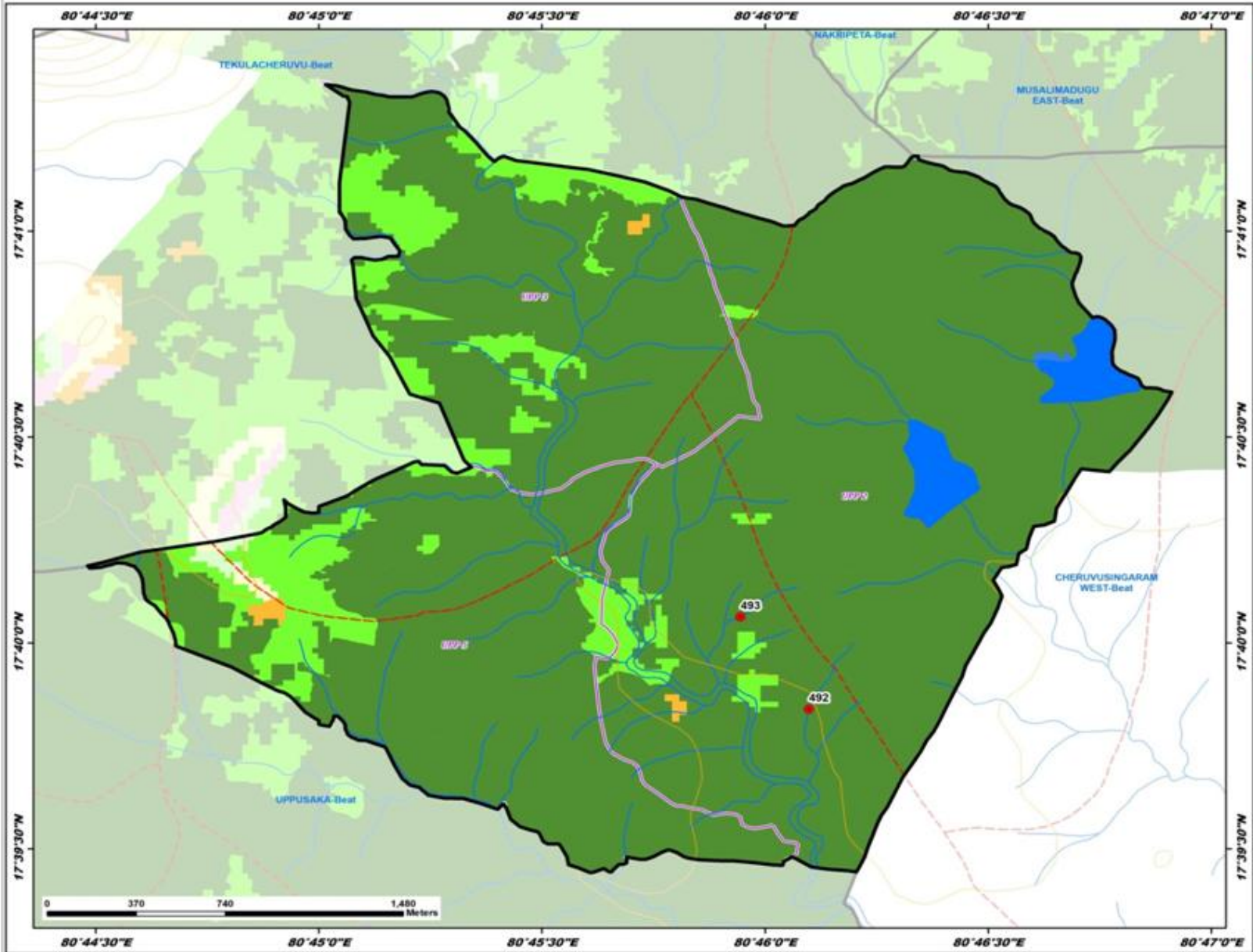
**Suitability Index**

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

# Map Showing Suitability Index for Construction of SMC Works of Anjanapuram Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
492	17.663994	80.768311	11.81	1
493	17.667726	80.765756	8.77	1

**LEGEND**

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

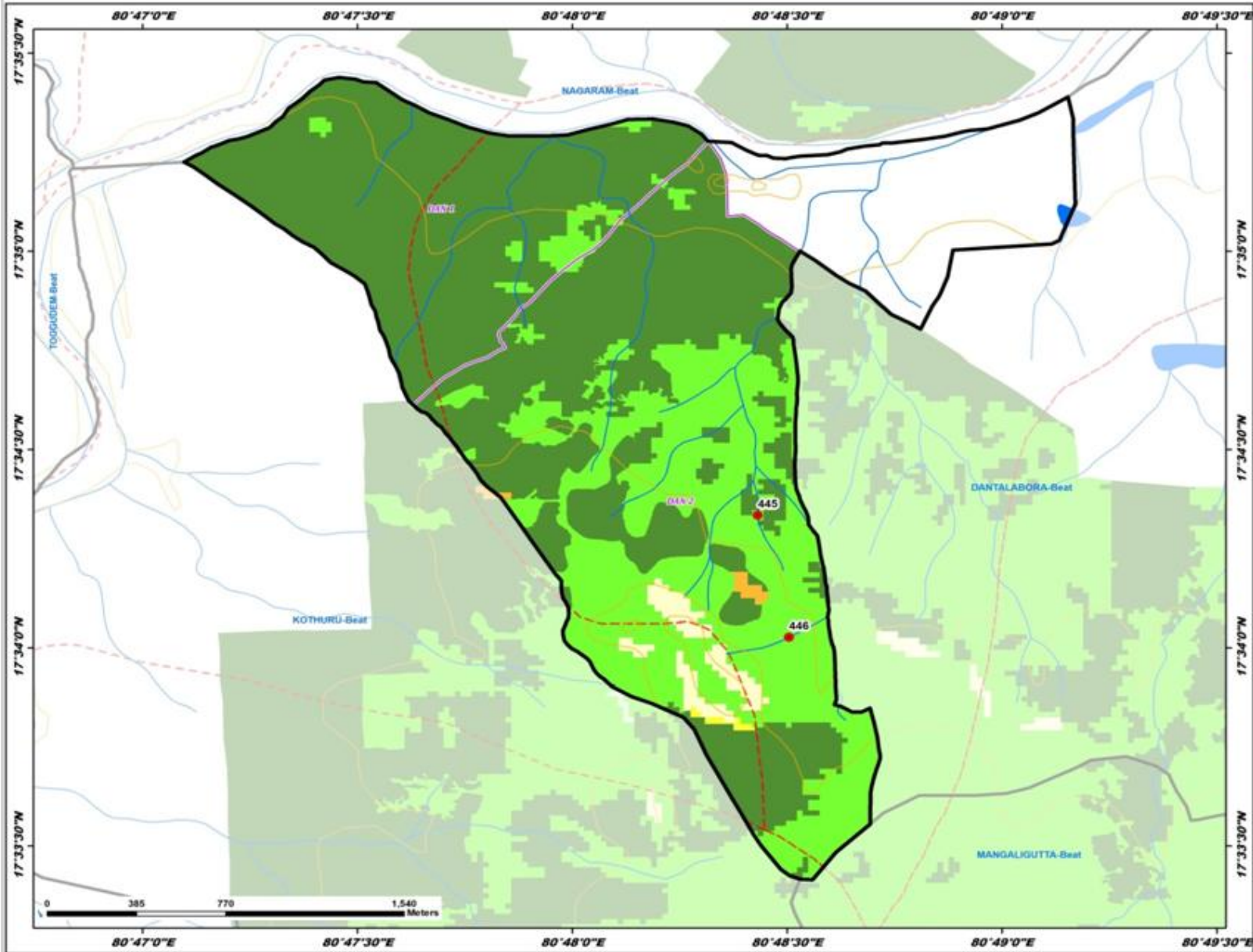
**Suitability Index**

- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - 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 Bandrugonda Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
445	17.572242	80.807202	11.72	II
446	17.567120	80.808412	8.20	II

**LEGEND**

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

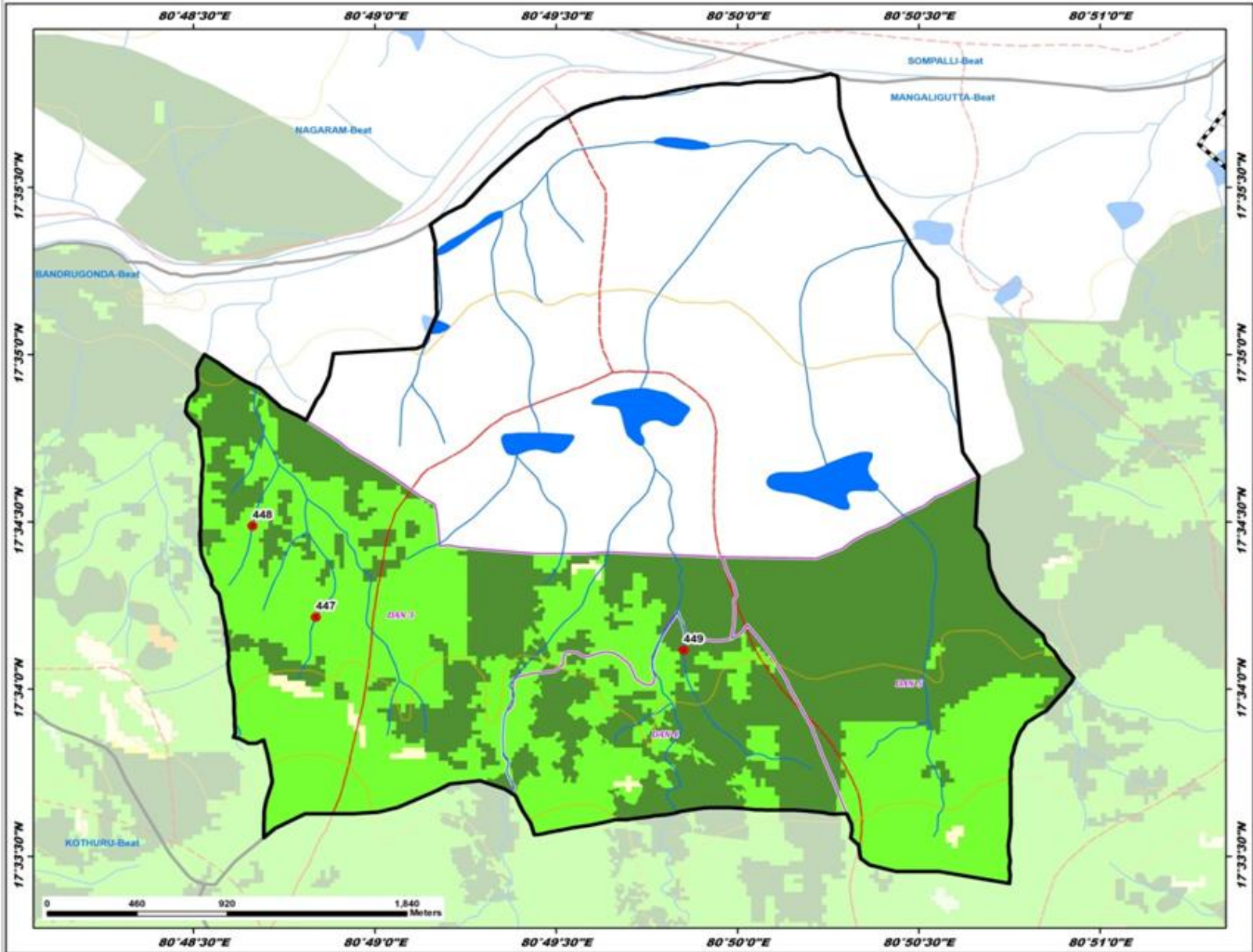
**Suitability Index**

- 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 Dantalabora Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
447	17.570257	80.813957	18.83	II
448	17.574801	80.811040	6.38	II
449	17.568617	80.830861	63.16	III

**LEGEND**

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

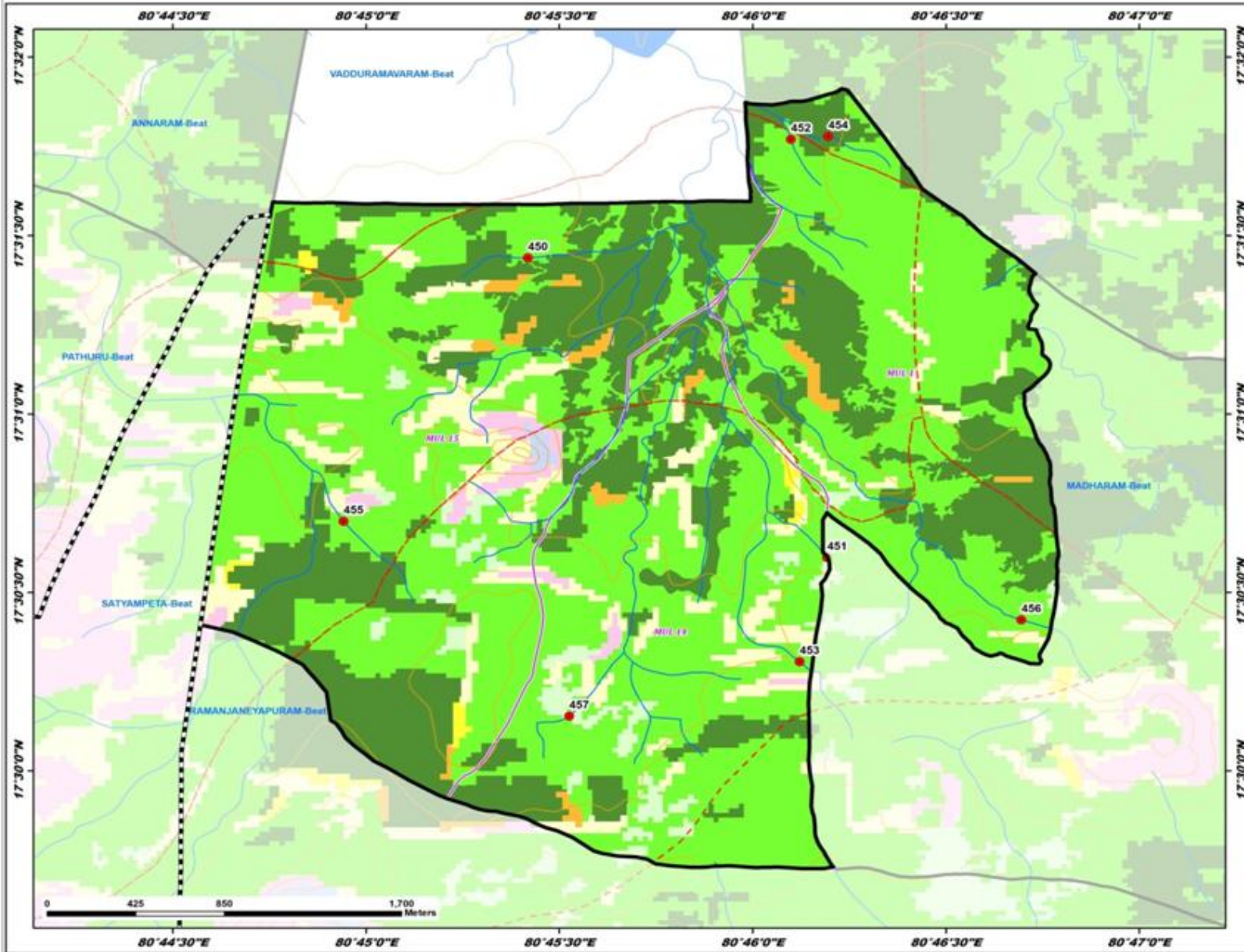
**Suitability Index**

- 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 Kommugudem Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
450	17.523959	80.756978	18.21	II
451	17.509975	80.769887	8.95	II
452	17.529496	80.768325	4.93	II
453	17.505101	80.768702	13.44	II
454	17.529698	80.769996	25.89	II
455	17.511664	80.749029	36.83	III
456	17.507055	80.778265	26.56	III
457	17.502562	80.758768	97.27	V

**LEGEND**

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

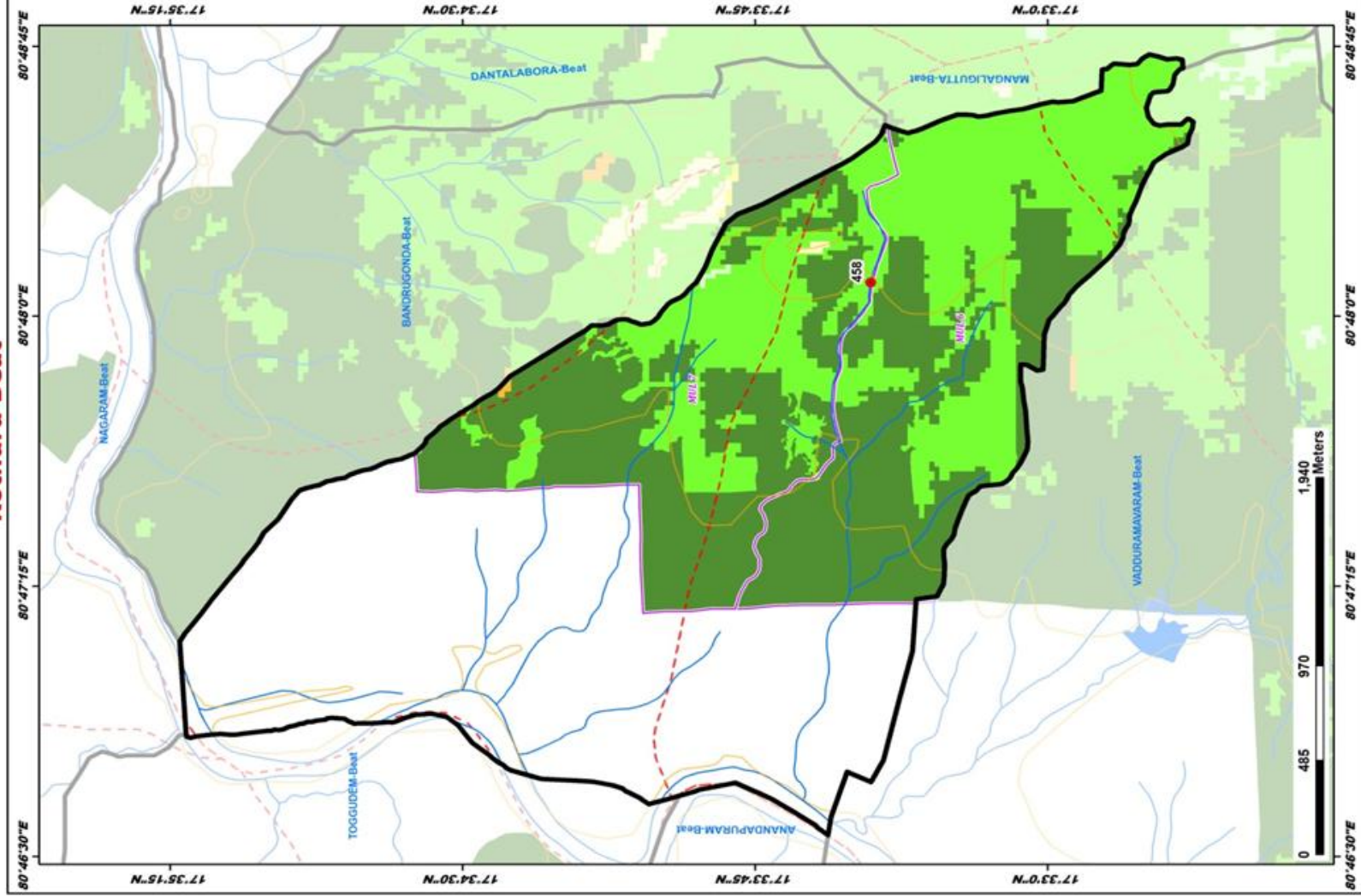
**Suitability Index**

- 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 Kothuru Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	Priority
458	17.55757	80.801583	73.98	IV

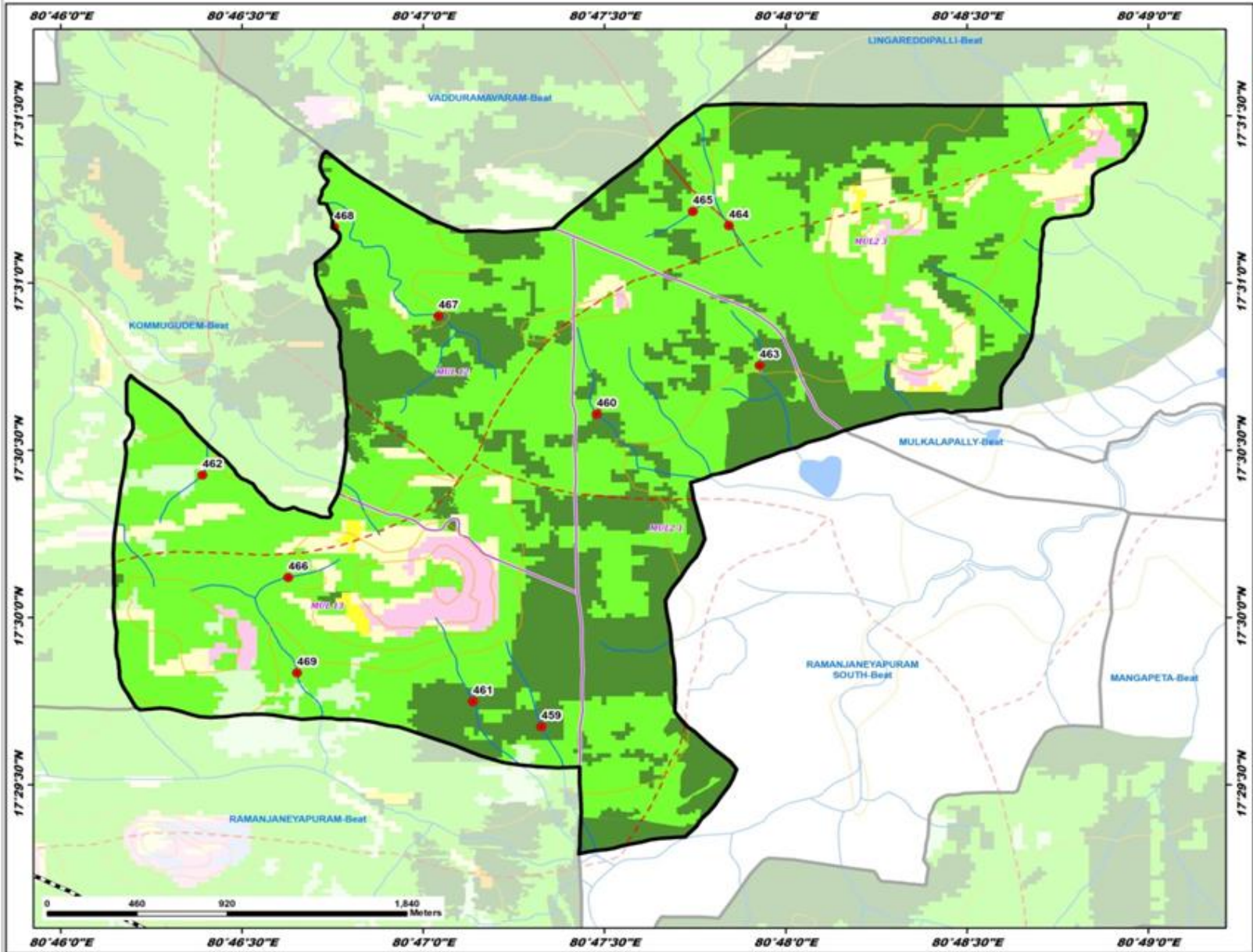
**LEGEND**

- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Orange line)
- Streams (Blue line)
- Watershed Boundary (Red dashed line)
- Compartment Boundary (Black dashed line)
- Beat Boundary (Black solid line)
- Division Boundary (Black dashed line)
- CCTs/SCTs - Highly Suitable (Dark Green)
- CCTs/SCTs - Moderately Suitable (Light Green)
- CCTs/SCTs - Least Suitable (Yellow)
- PTs - Highly Suitable (Dark Green)
- PTs - Moderately Suitable (Light Green)
- PTs - Least Suitable (Yellow)
- MPTs and SGP's - Suitable (Pink)
- Not Suitable (Light Blue)
- Water Body (Blue)

# Map Showing Suitability Index for Construction of SMC Works of Madharam Beat



Division : Paloncha  
Range : Paloncha



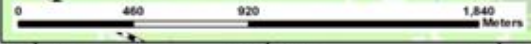
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
459	17.494569	80.788768	17.35	I
460	17.510137	80.791319	16.72	I
461	17.495822	80.785629	15.99	I
462	17.507103	80.773185	21.11	II
463	17.512565	80.798810	16.27	II
464	17.519531	80.797396	21.47	II
465	17.520236	80.795734	11.67	II
466	17.501998	80.777131	7.98	II
467	17.515026	80.784044	74.93	IV
468	17.519457	80.779241	51.18	IV
469	17.497246	80.777537	41.04	III

**LEGEND**

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

**Suitability Index**

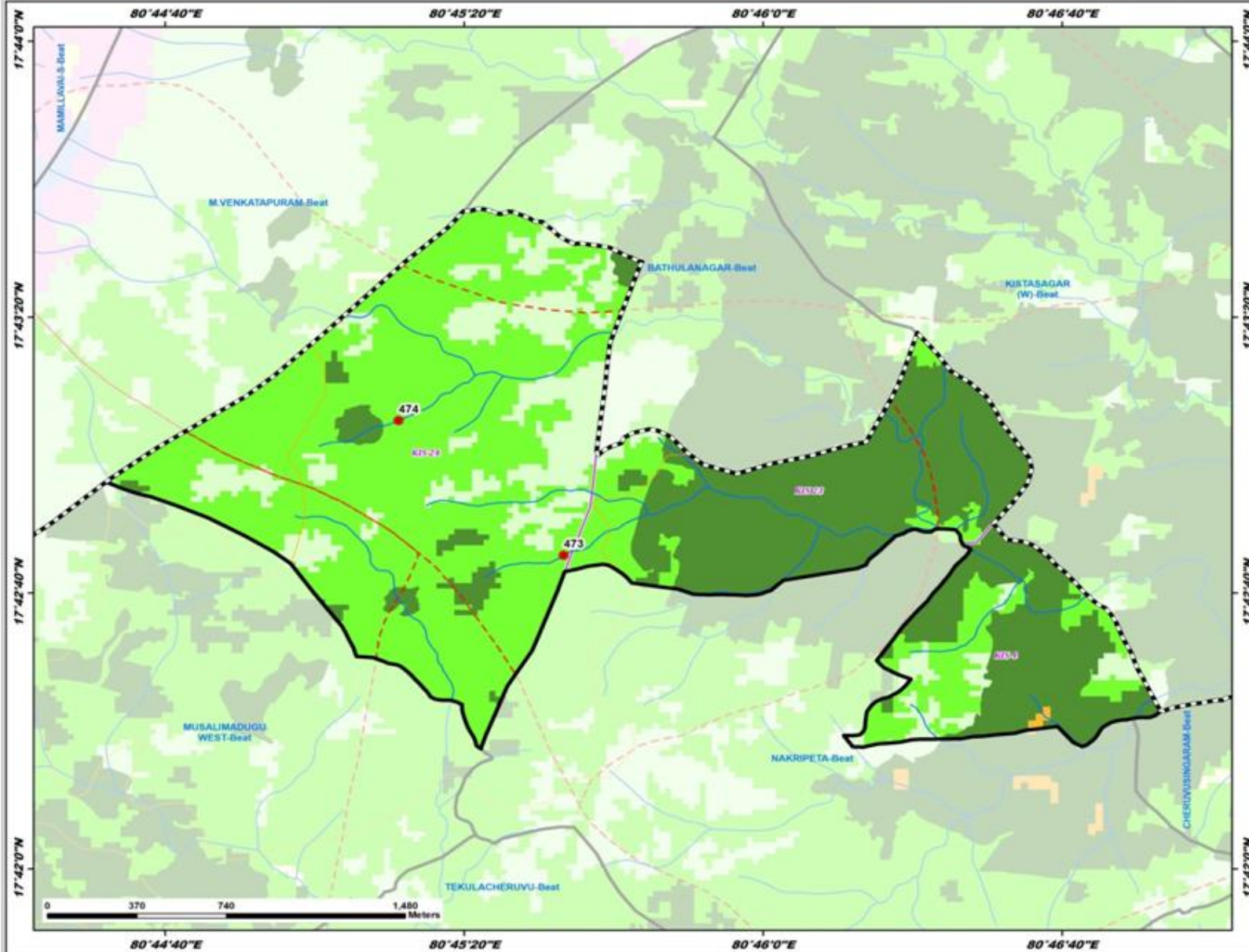
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Musalimadugu North Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
473	17.712640	80.759265	18.51	II
474	17.718062	80.753125	20.15	II

**LEGEND**

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

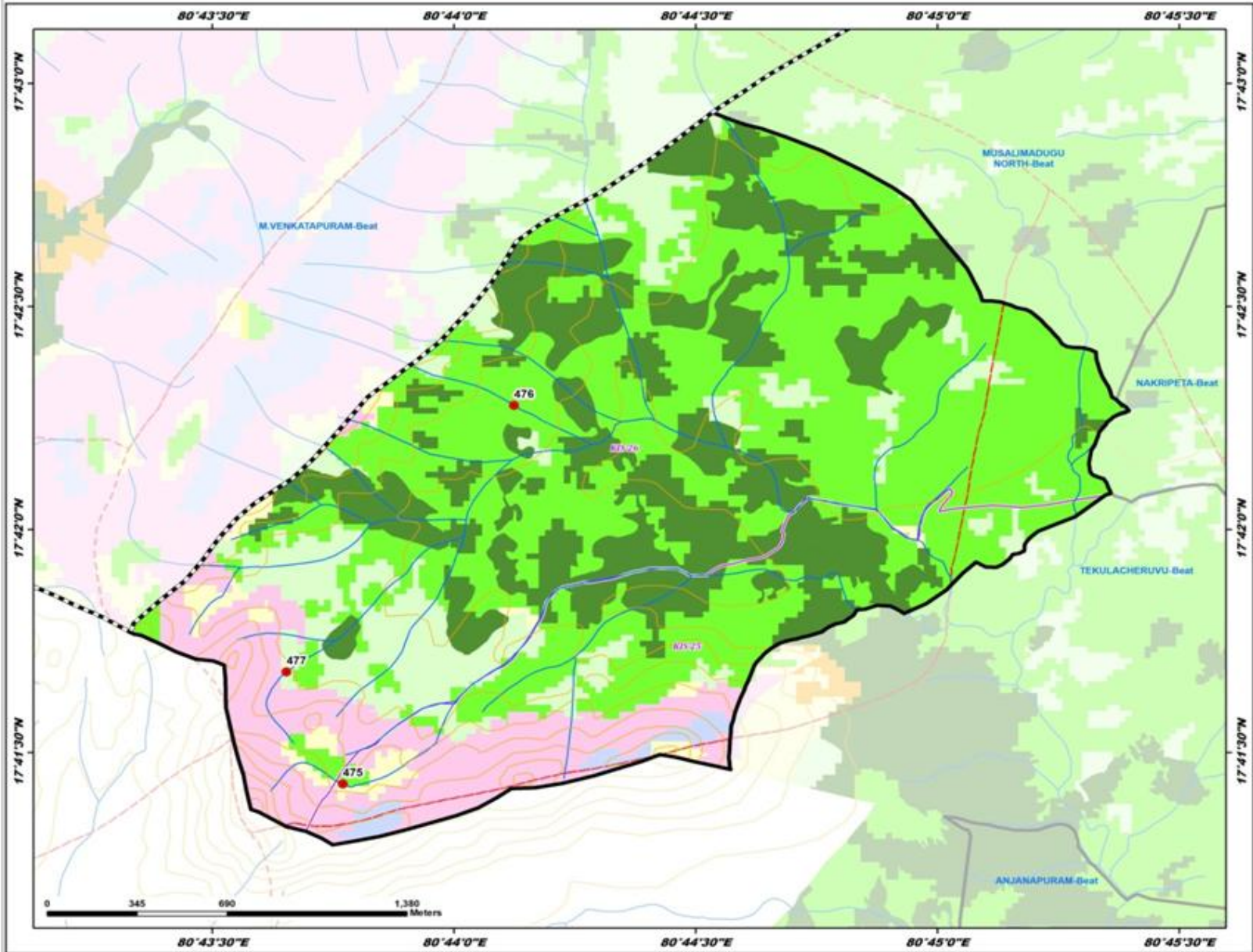
**Suitability Index**

- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - 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 Musalimadugu West Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
475	17.690497	80.729488	8.55	II
476	17.704637	80.735406	15.07	II
477	17.694679	80.727555	10.24	IV

**LEGEND**

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

**Suitability Index**

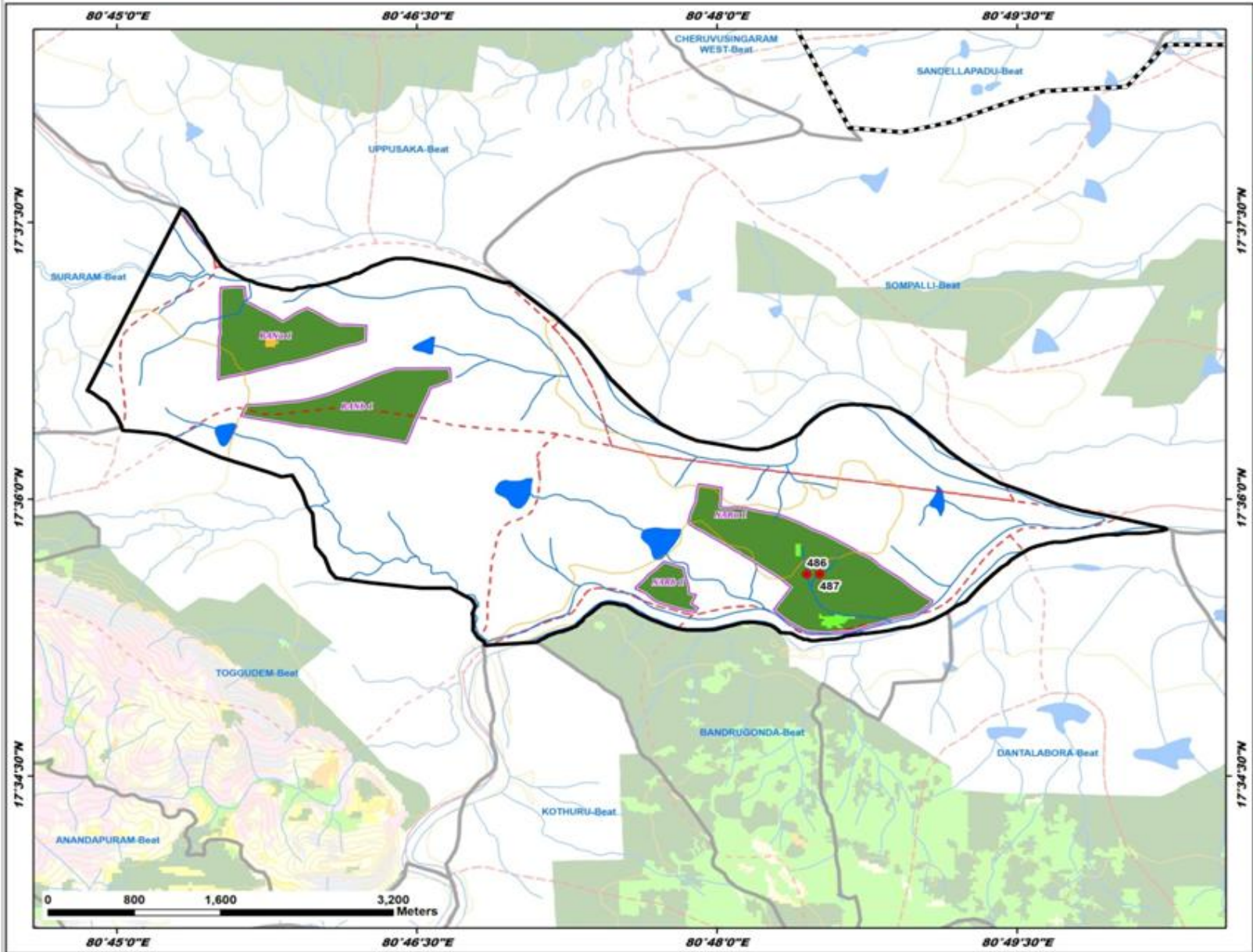
- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability Index for Construction of SMC Works of Nagaram Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
486	17.593254	80.807495	12.74	1
487	17.593247	80.808585	14.92	1

**LEGEND**

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

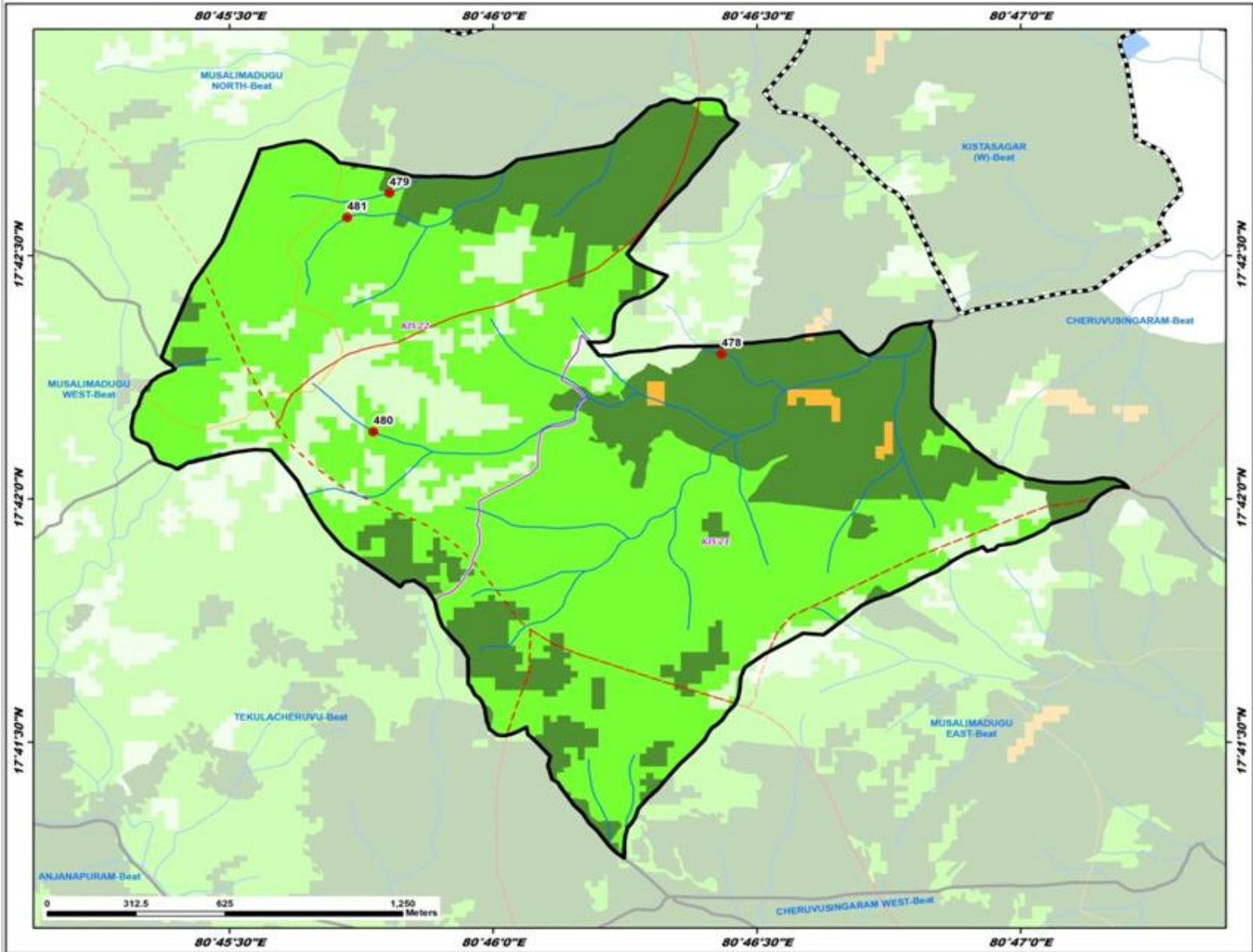
**Suitability Index**

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

# Map Showing Suitability Index for Construction of SMC Works of Nakripeta Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
478	17.704965	80.773885	9.85	I
479	17.710475	80.763388	13.39	II
480	17.702303	80.762880	7.34	II
481	17.709637	80.762051	21.97	II

**LEGEND**

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

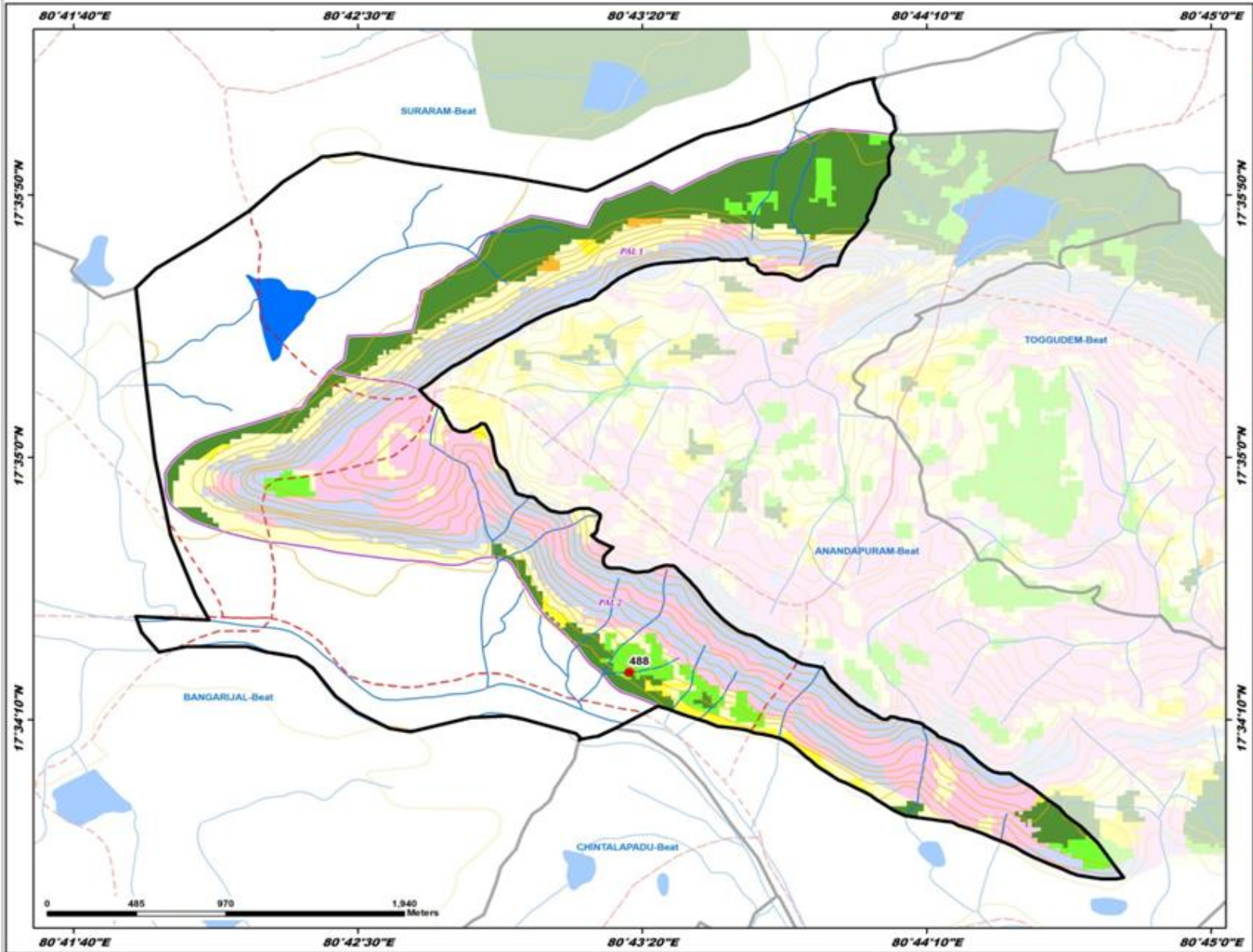
**Suitability Index**

- 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 Paloncha East Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
488	17.571955	80.721595	12.63	II

**LEGEND**

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

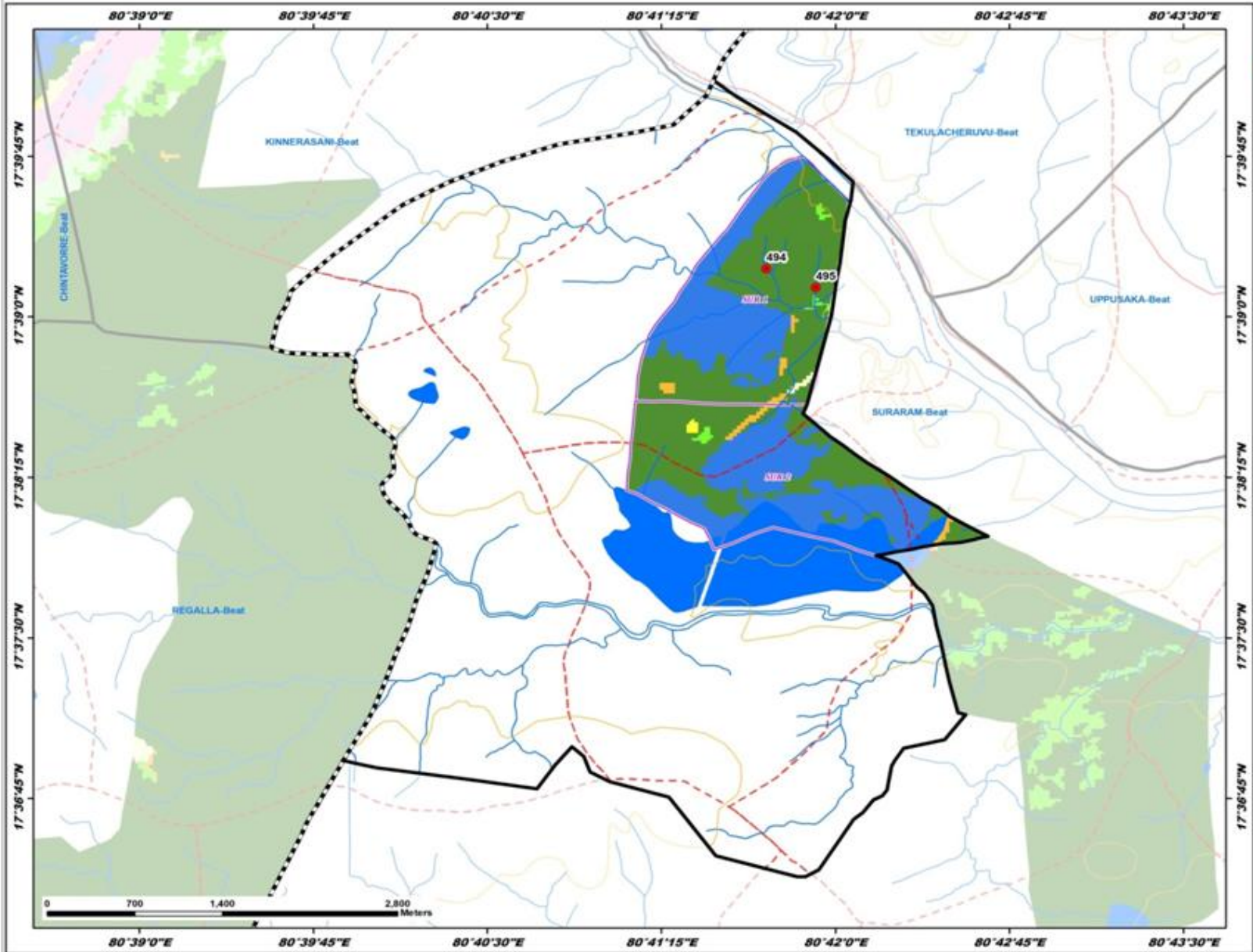
**Suitability Index**

- 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 Pudukula Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
494	17.653751	80.695040	12.69	i
495	17.652291	80.698595	12.99	i

**LEGEND**

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

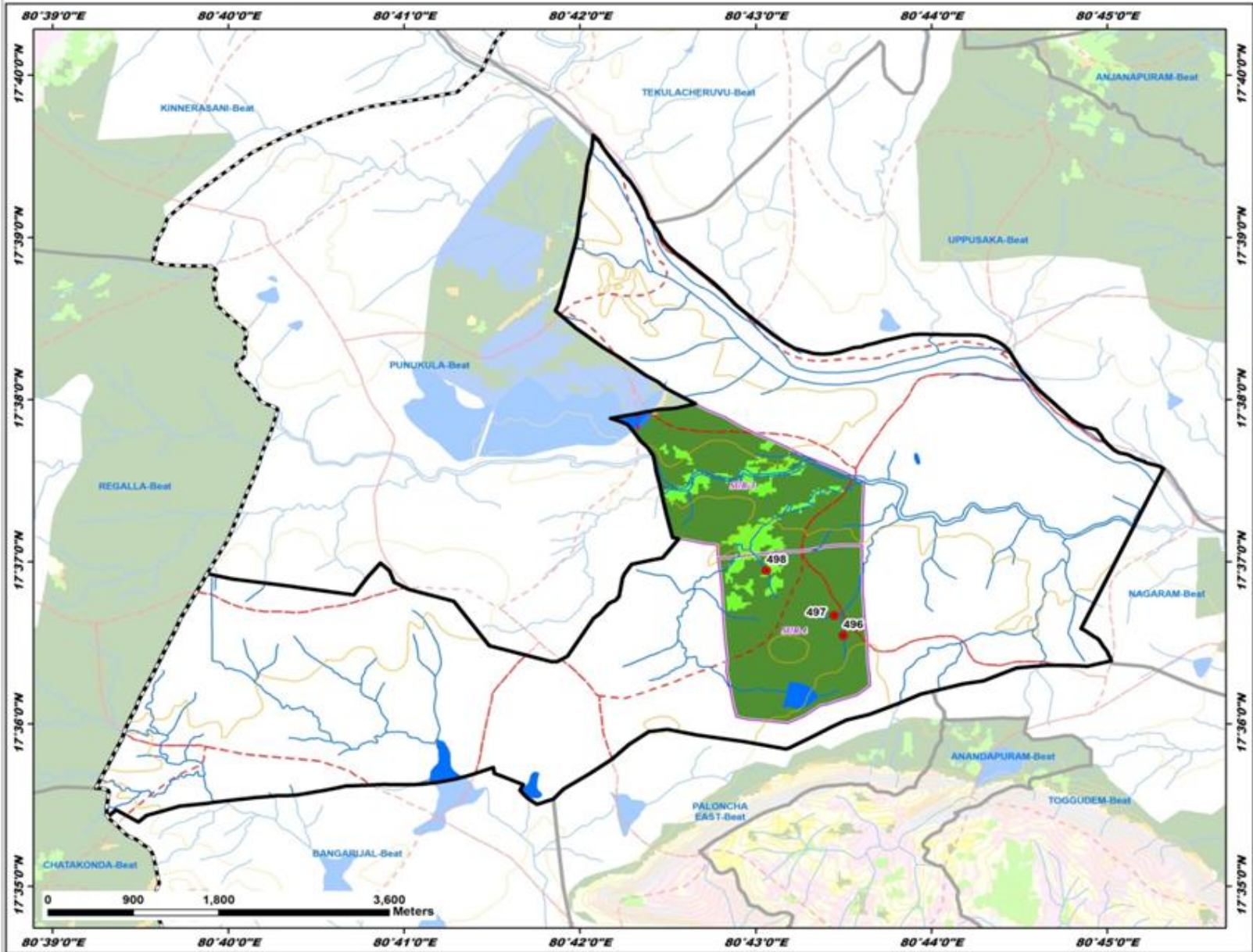
**Suitability Index**

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

# Map Showing Suitability Index for Construction of SMC Works of Suraram Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
496	17.609114	80.725003	33.73	II
497	17.611367	80.734349	29.59	II
498	17.615803	80.717712	26.41	III

**LEGEND**

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

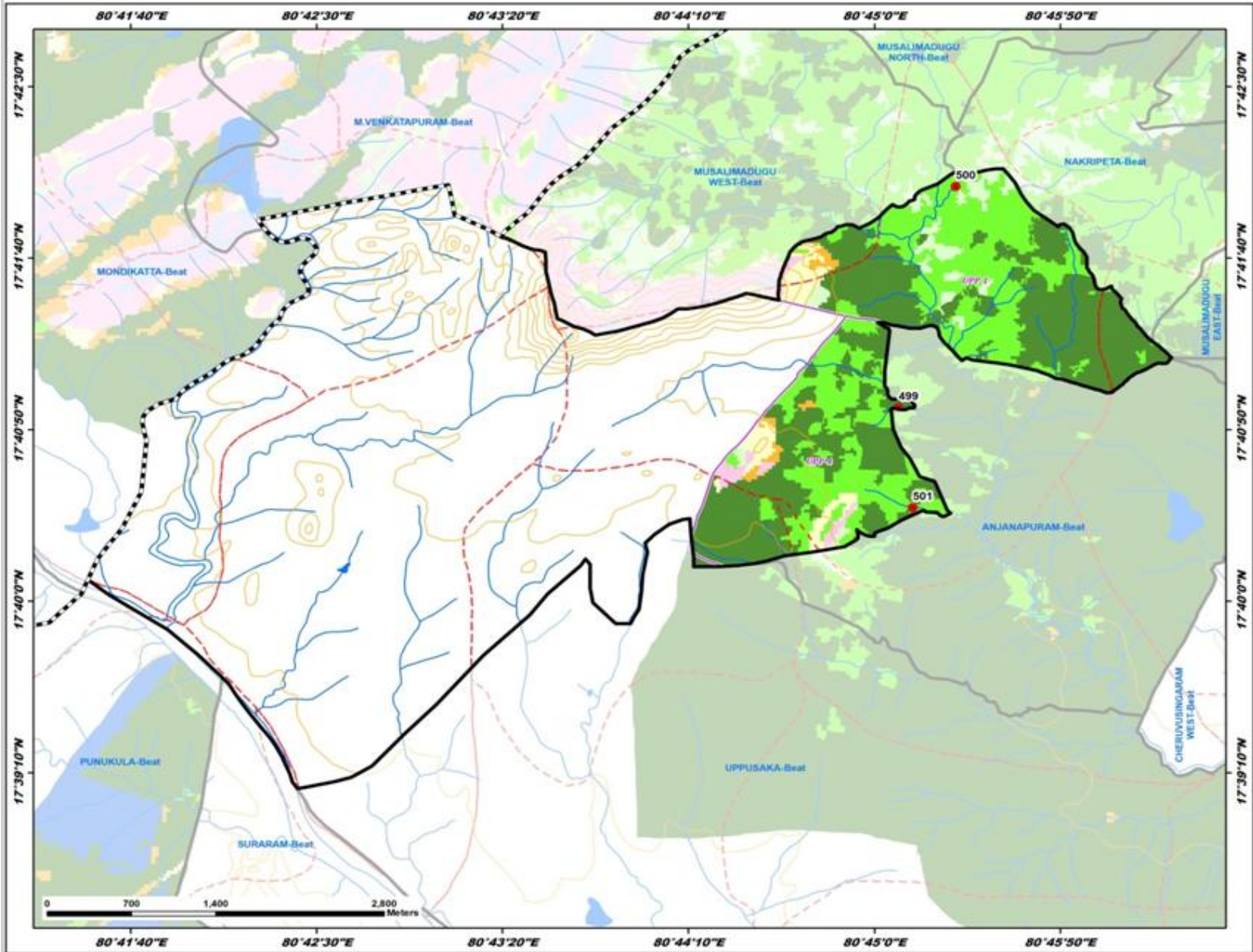
**Suitability Index**

- 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 Tekulacheruvu Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
499	17.682359	80.751215	24.48	I
500	17.700299	80.756083	8.86	II
501	17.674262	80.752676	72.54	IV

**LEGEND**

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

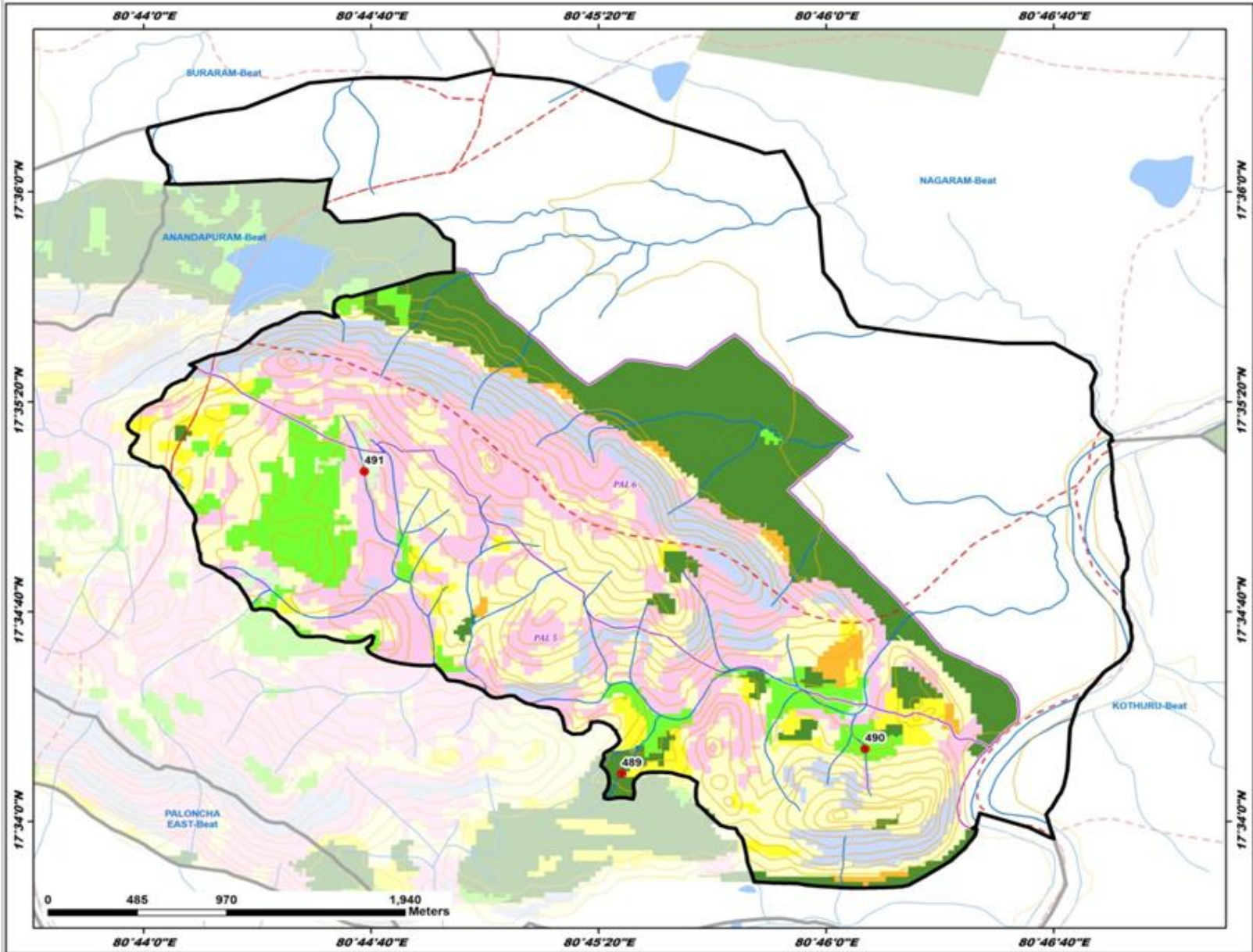
**Suitability Index**

- 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 Toggudem Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
489	17.569212	80.756695	18.18	I
490	17.570519	80.768580	14.30	II
491	17.585204	80.744116	17.83	IV

**LEGEND**

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

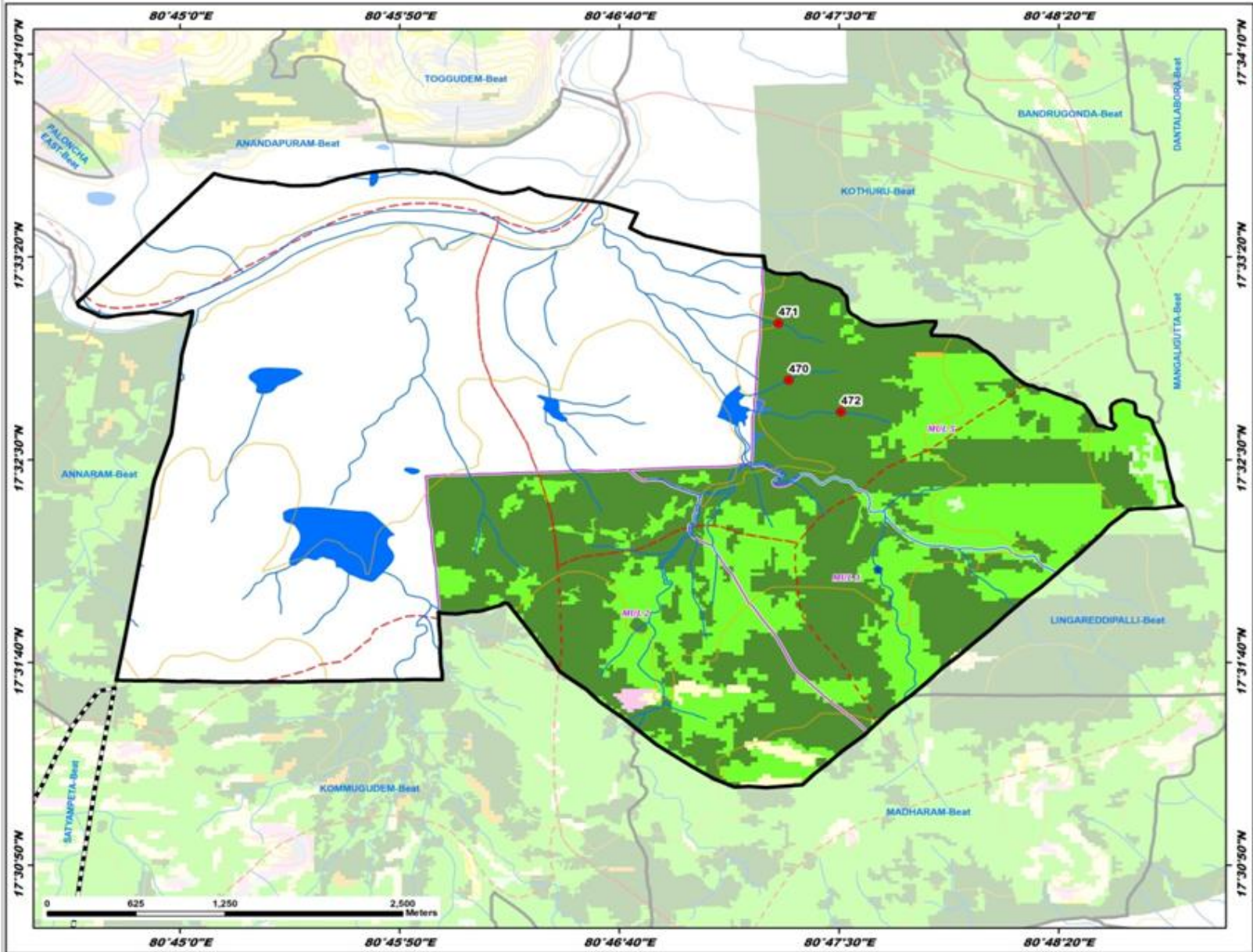
**Suitability Index**

- 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 Vadduramavaram Beat



Division : Paloncha  
Range : Paloncha



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
470	17.547112	80.788491	12.94	I
471	17.553022	80.787946	13.23	I
472	17.544947	80.791805	45.50	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