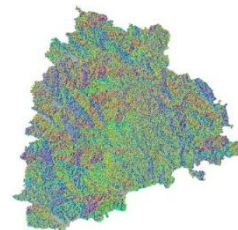
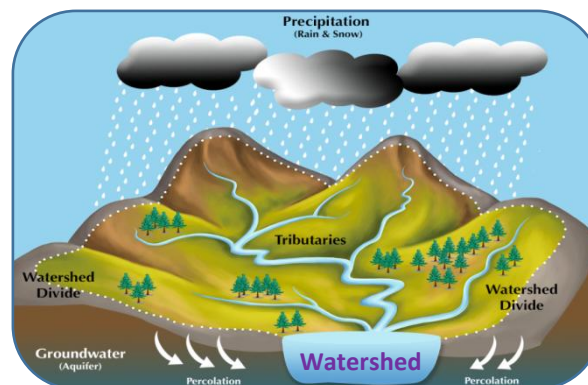


# Government of Telangana – Forest Department



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



Prepared at Geomatics Centre  
Office of PrI. Chief Conservator of Forests  
Aranya Bhavan, Hyderabad - 04

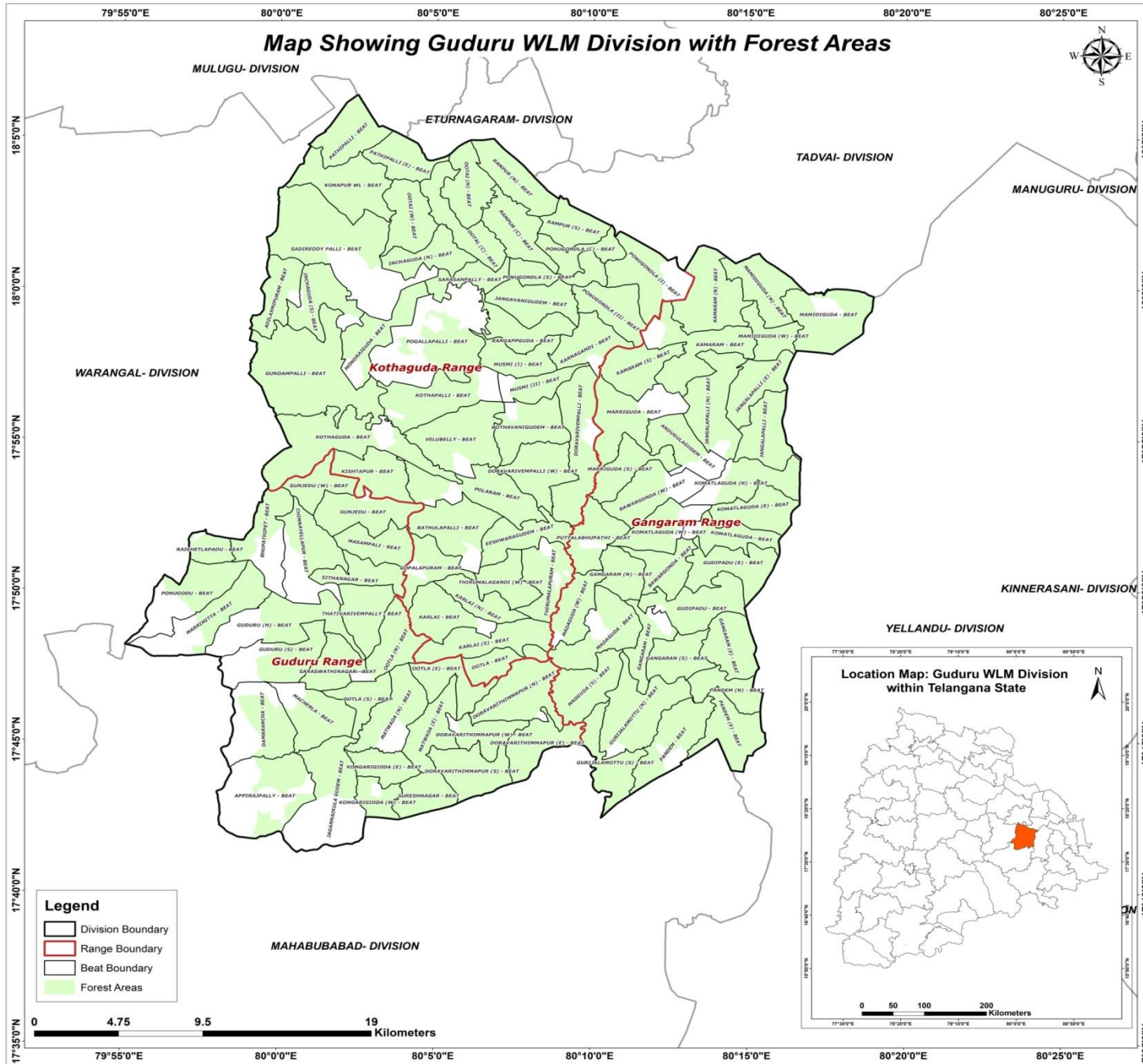


# **SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS**

**Circle: Bhadradi**  
**District: Mahabubabad**  
**Division: Guduru WLM**

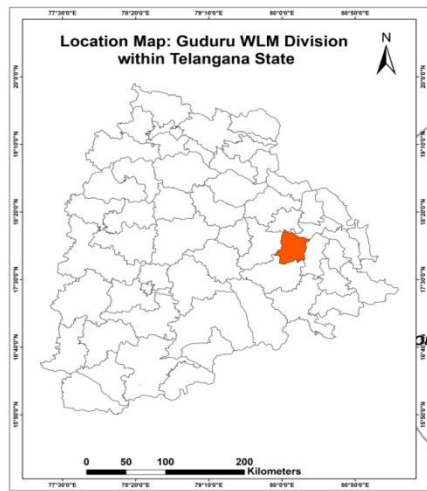
**Prepared at Geomatics Centre  
O/o Prl.Chief Conservator of Forests  
Aranya Bhavan, Saifabad  
Hyderabad - 500004**

# Map Showing Guduru WLM Division with Forest Areas



**Legend**

- Division Boundary
- Range Boundary
- Beat Boundary
- Forest Areas



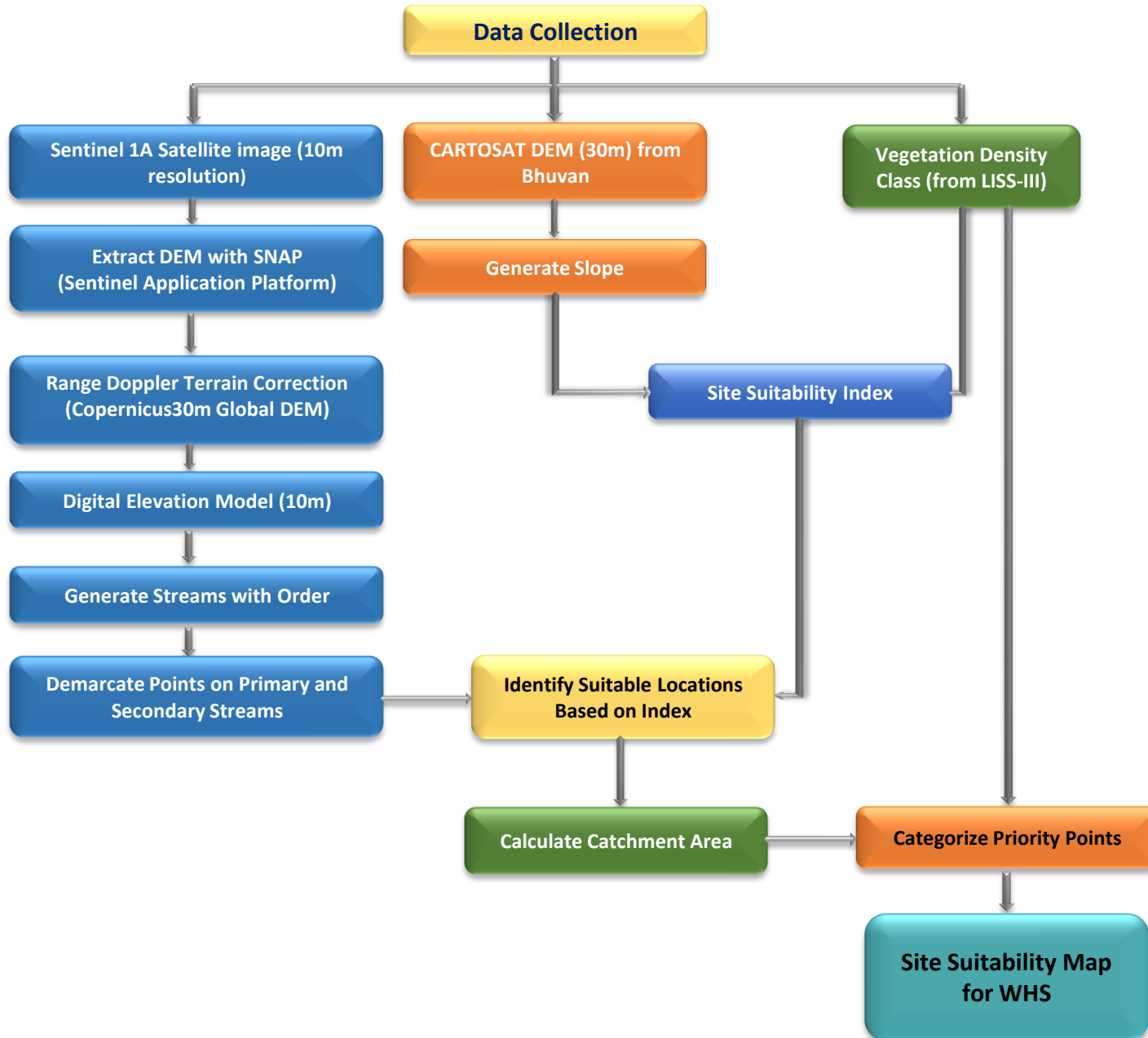
## METHODOLOGY

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

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



# FLOW CHART FOR METHODOLOGY



## Guidelines for building Percolation Tanks:

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



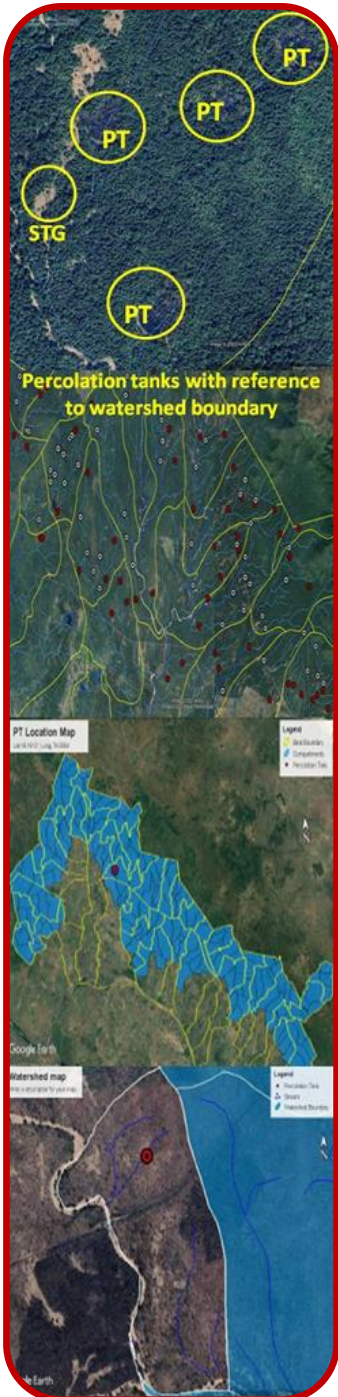
## Suitability criteria for Check-Dams and Percolation Tanks ( SITE SUITABILITY INDEX)

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

## Suitability criteria for Continuous/Staggered contour trenches

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

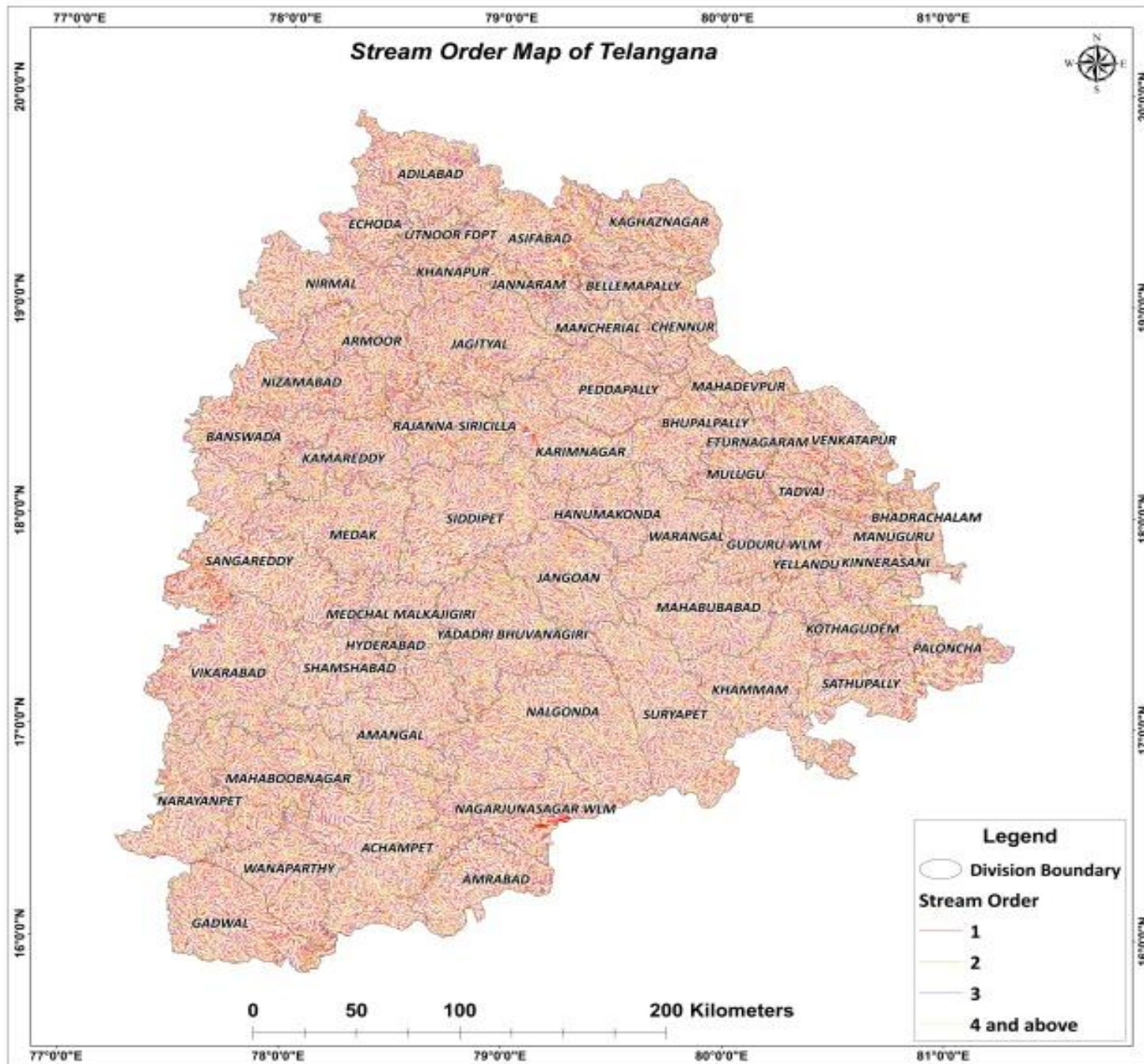


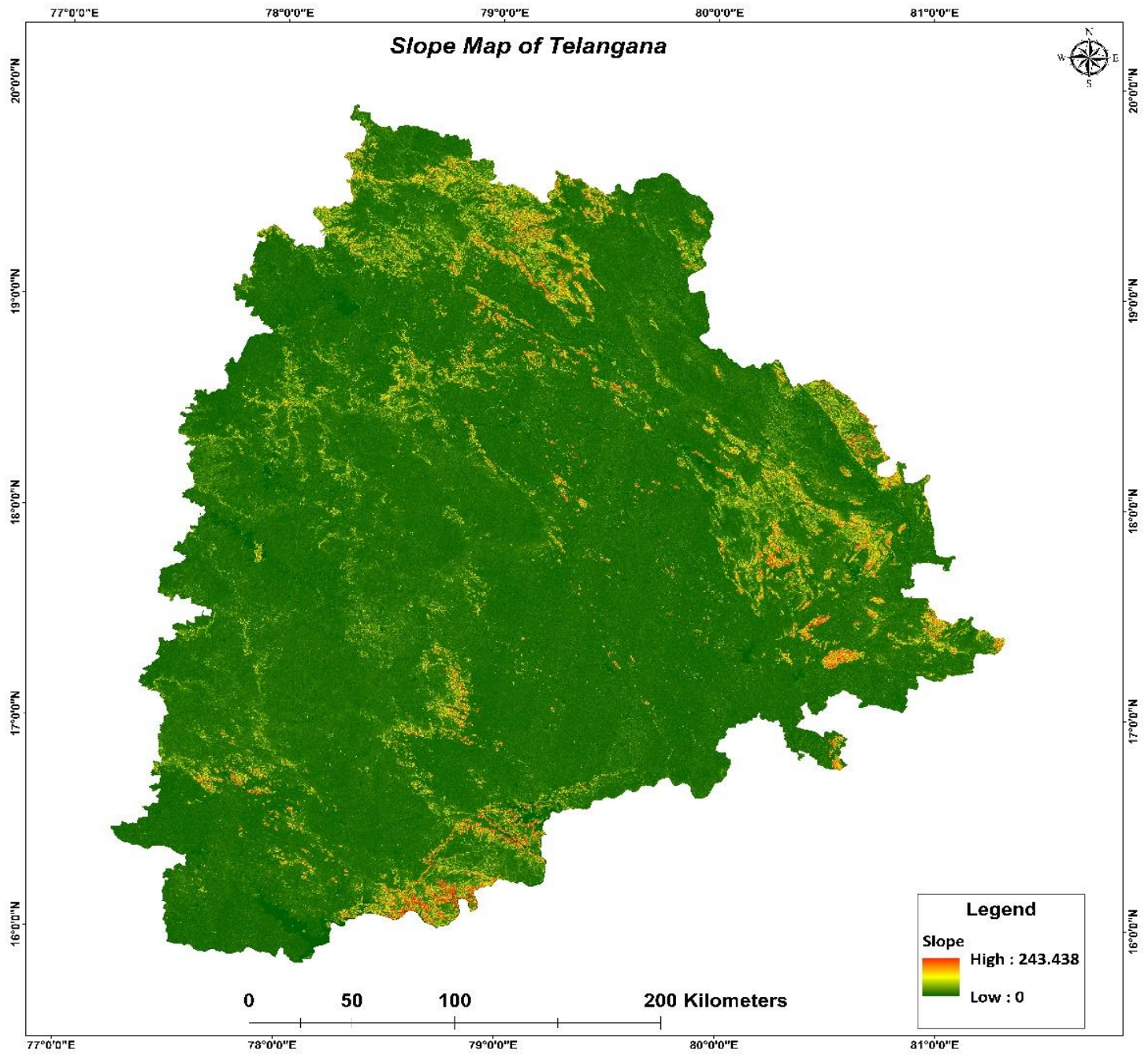


## PRIORITY CLASSES FOR PERCOLATION TANK

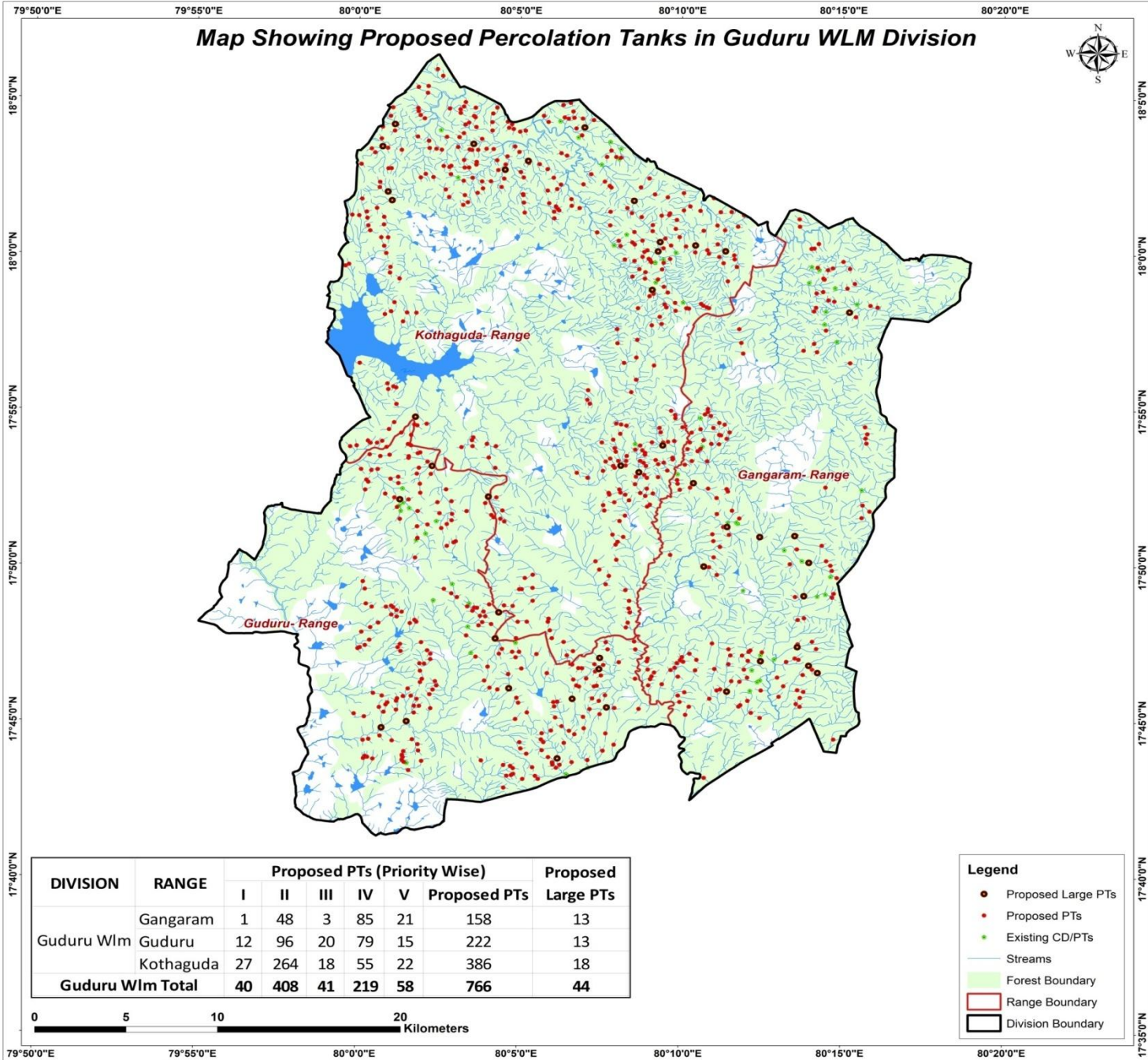
Priority	Catchment Area(Ha)	Density Class
1	0-25	Scrub
	0-25	Blank
2	0-25	Open Forest
	25-50	Blank
3	25-50	Open Forest
	>50	Scrub & blank
4	0-25	Dense Forest
	>50	Open Forest
5	25-50	Dense Forest
	>50	Dense Forest







# Map Showing Proposed Percolation Tanks in Guduru WLM Division

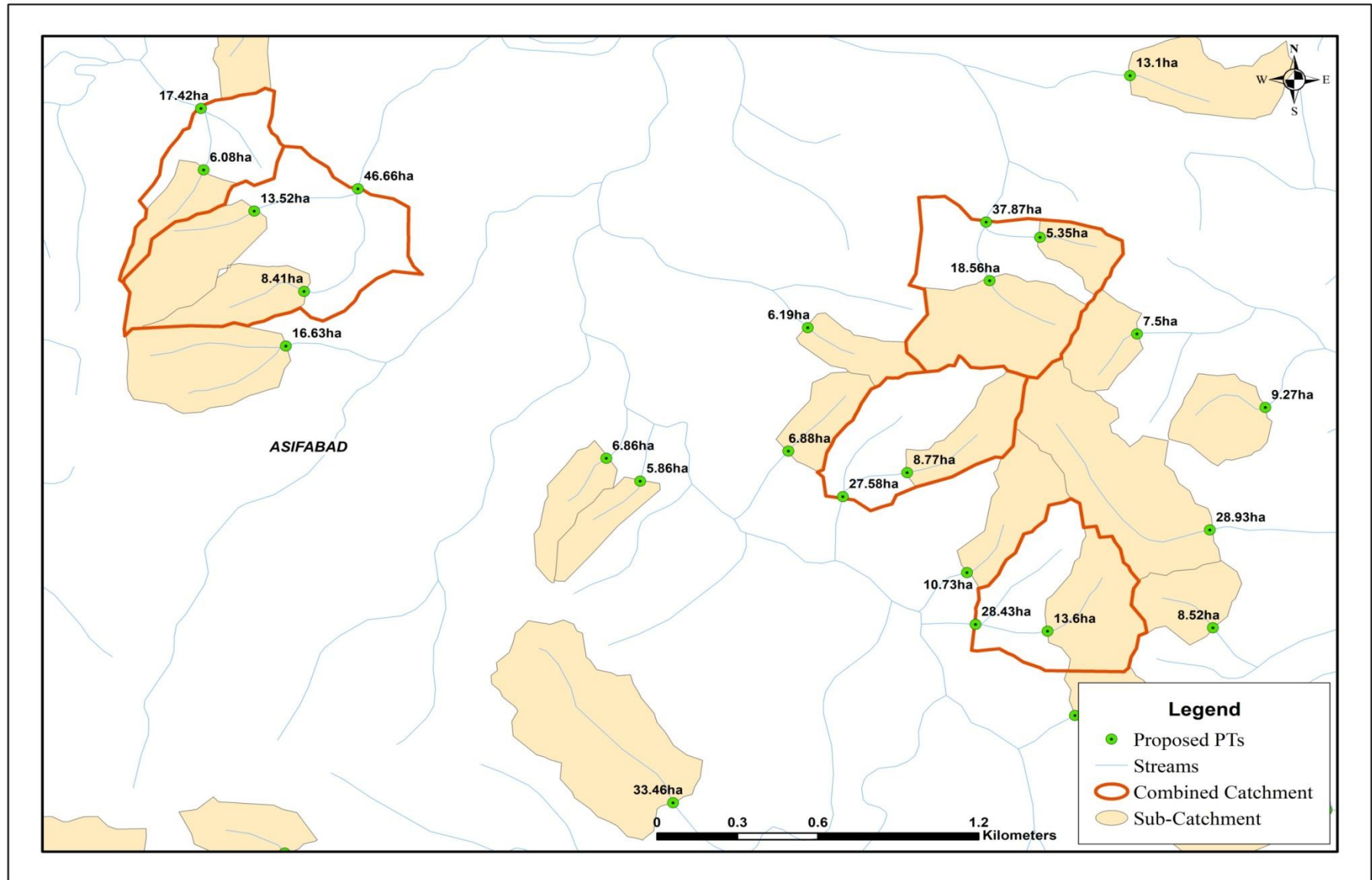


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Guduru Wlm	Gangaram	1	48	3	85	21	158	13
	Guduru	12	96	20	79	15	222	13
	Kothaguda	27	264	18	55	22	386	18
<b>Guduru Wlm Total</b>		<b>40</b>	<b>408</b>	<b>41</b>	<b>219</b>	<b>58</b>	<b>766</b>	<b>44</b>

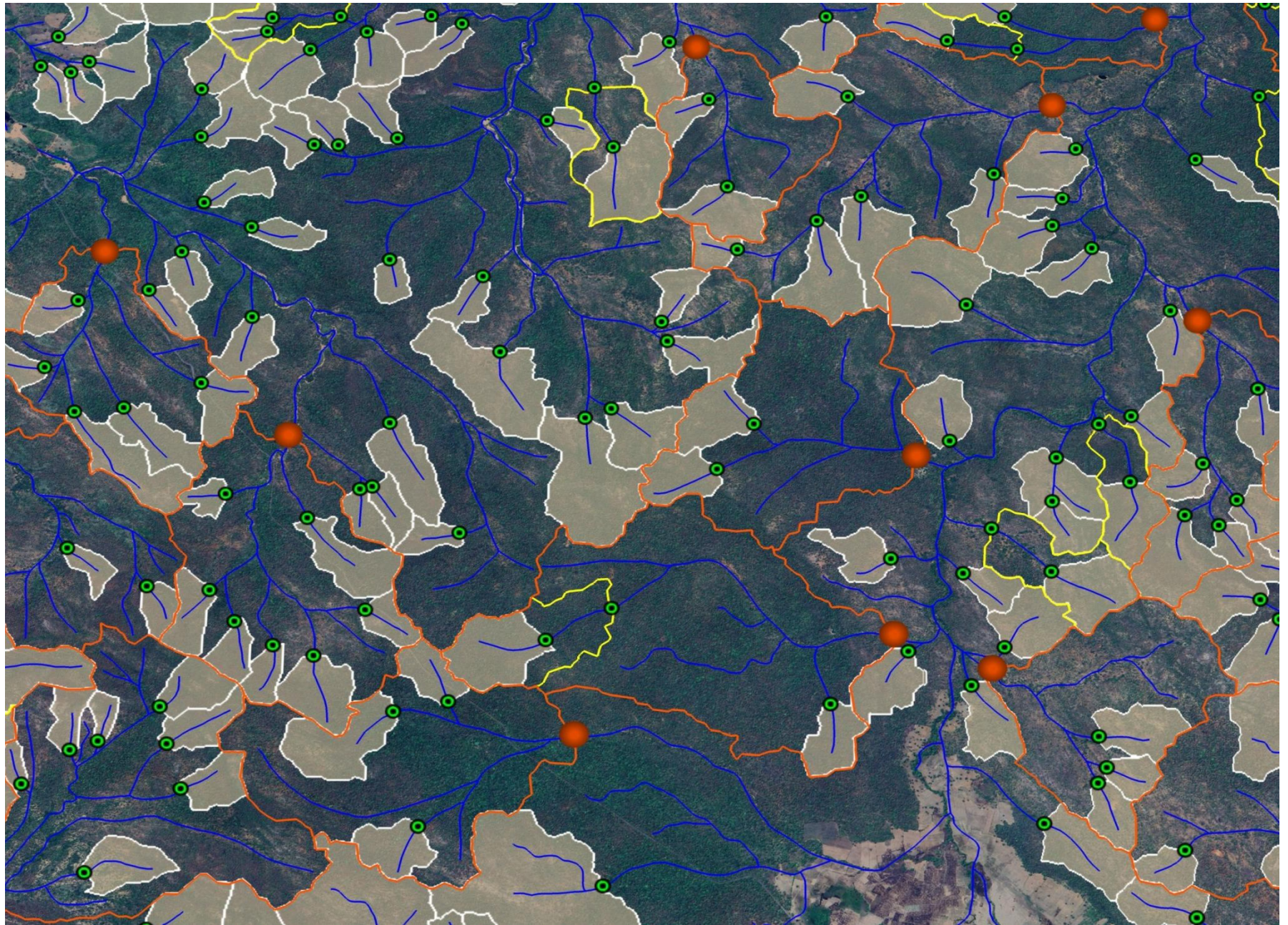
- Legend**
- Proposed Large PTs
  - Proposed PTs
  - Existing CD/PTs
  - Streams
  - Forest Boundary
  - Range Boundary
  - Division Boundary



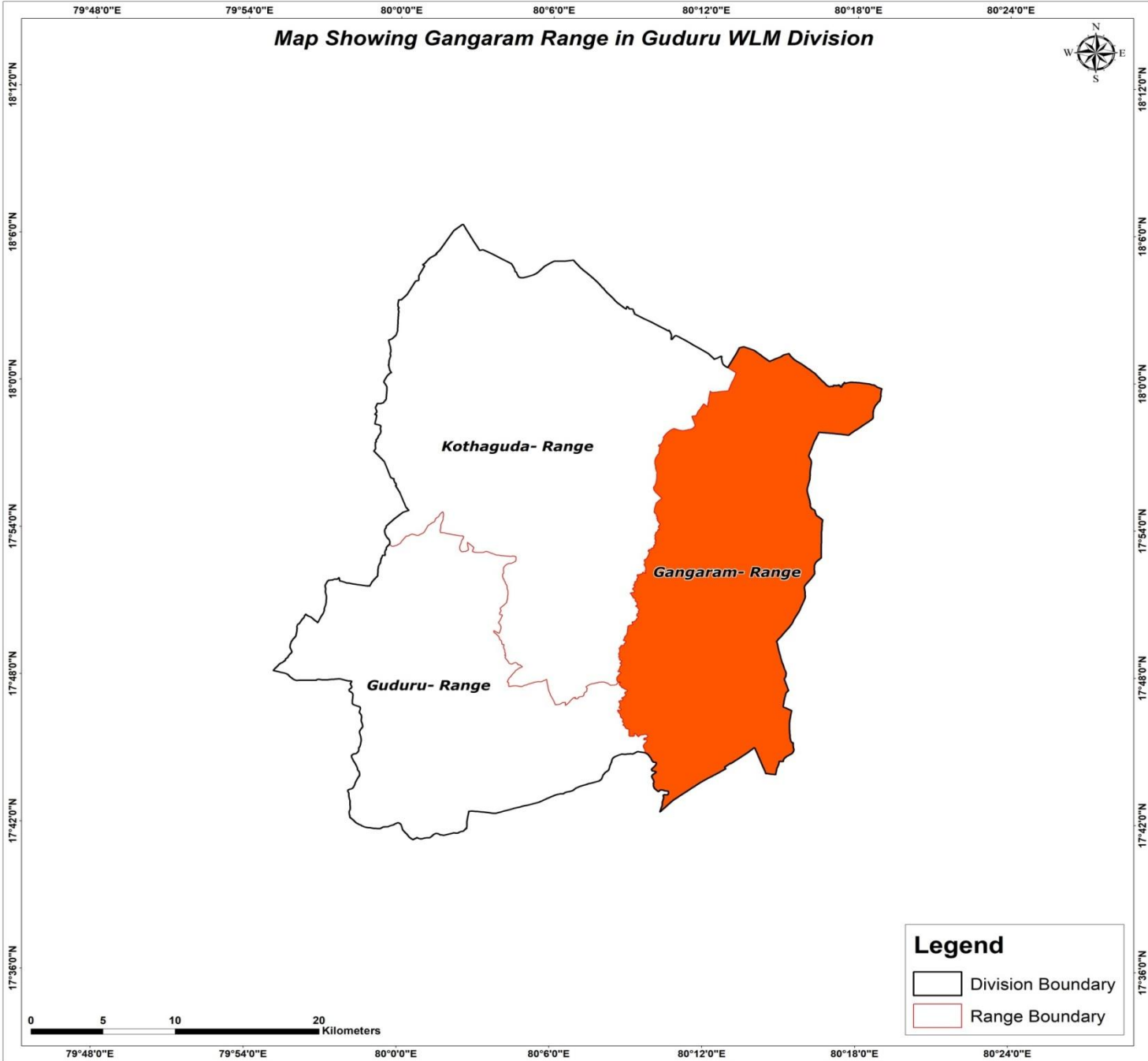
# CATCHMENT AREA



# Sample Catchment Map



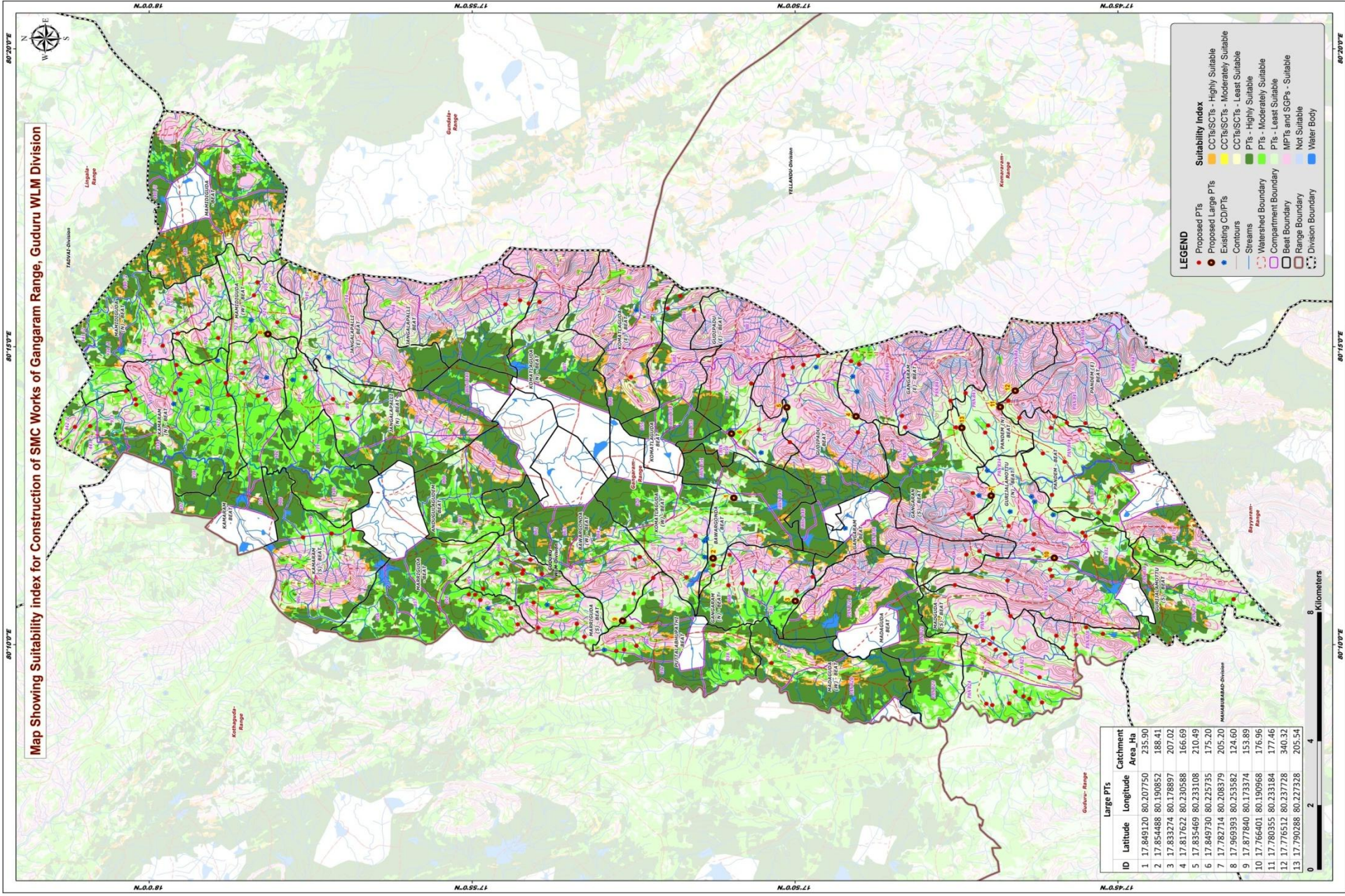
# Map Showing Gangaram Range in Guduru WLM Division



0 5 10 20 Kilometers

**Legend**  
Division Boundary  
Range Boundary

Map Showing Suitability index for Construction of SMC Works of Gangaram Range, Guduru WLM Division



ID	Latitude	Longitude	Catchment Area, Ha
1	17.849120	80.207750	235.90
2	17.854488	80.190652	188.41
3	17.833274	80.178897	207.02
4	17.817622	80.230588	166.69
5	17.835469	80.233108	210.49
6	17.849730	80.225735	175.20
7	17.782714	80.208379	205.20
8	17.969393	80.233582	124.60
9	17.877840	80.173374	153.89
10	17.766001	80.190968	176.96
11	17.780355	80.233184	177.46
12	17.776512	80.237728	340.32
13	17.790388	80.227328	205.54

**LEGEND**

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

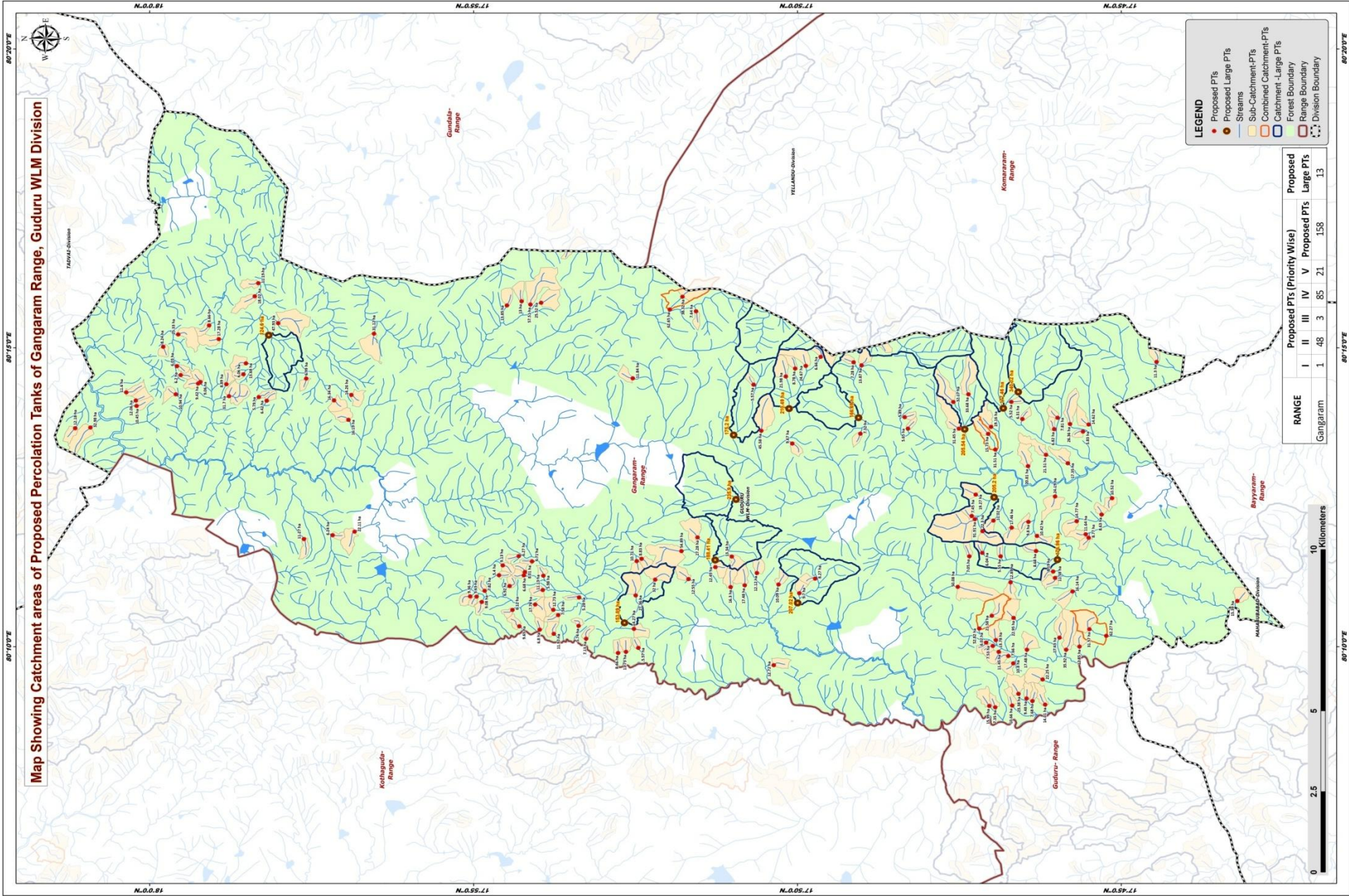
**Suitability Index**

- CCTS/SCTs - Highly Suitable
- CCTS/SCTs - Moderately Suitable
- CCTS/SCTs - Least Suitable
- PIs - Highly Suitable
- PIs - Moderately Suitable
- PIs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map showing geographical coordinates: 80°10'0"E, 80°15'0"E, 80°20'0"E, 17°55'0"N, 18°0'0"N, 18°5'0"N, 17°50'0"N, 17°55'0"N, 18°0'0"N.

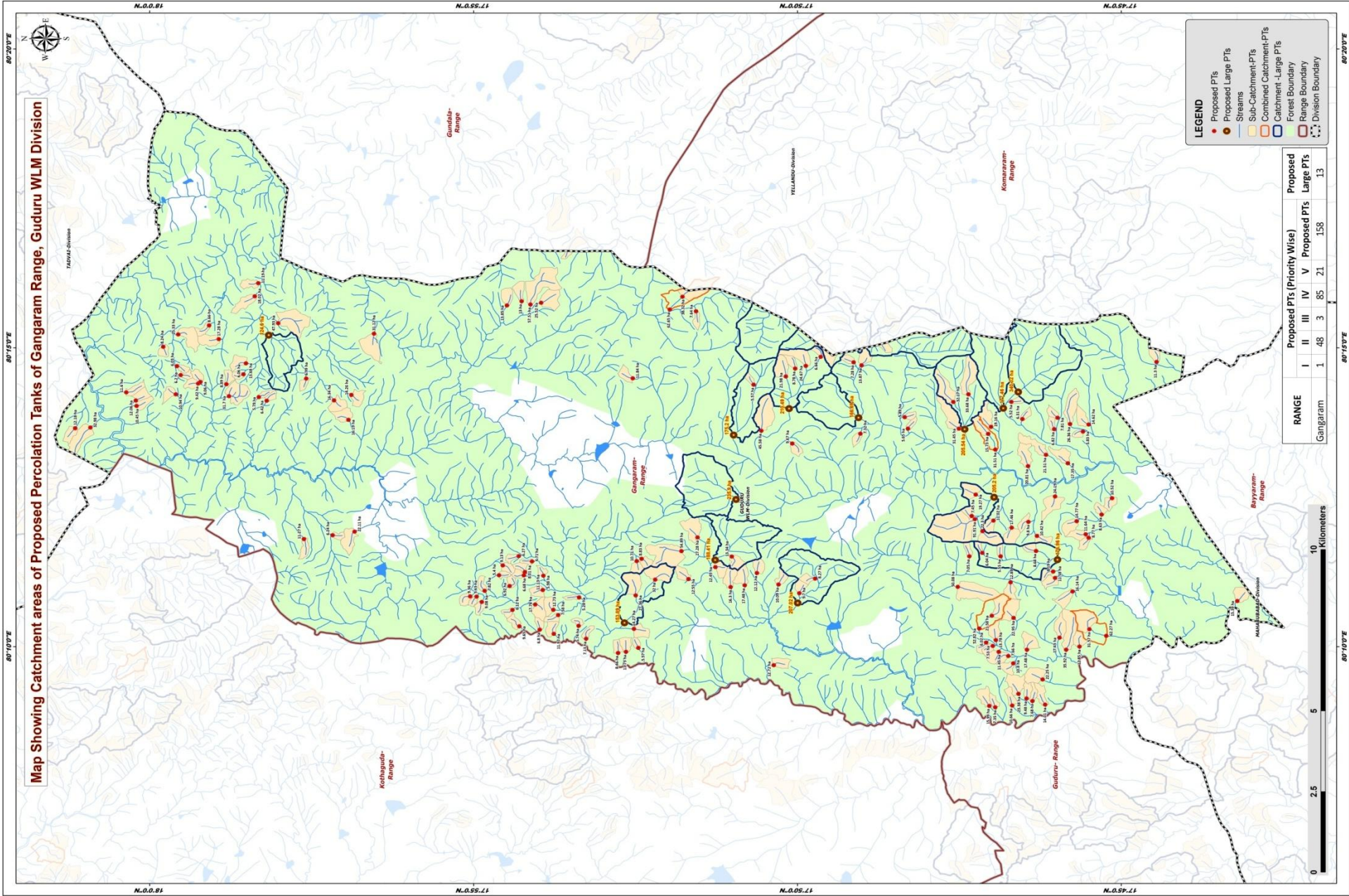
Map Showing Catchment areas of Proposed Percolation Tanks of Gangaram Range, Guduru WLM Division



- 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	
Gangaram	1	48	3	85	21	158
						13

0 2.5 5 10 Kilometers





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

S. No.	Beat	Proposed PT's
1	BAWARGONDA	1
2	BAWARGONDA WEST	3
3	GANGARAM	3
4	GANGARAM EAST	5
5	GANGARAM NORTH	7
6	GANGARAN SOUTH	4
7	GUDIPADU	5
8	GUDIPADU EAST	3
9	GURIJALAMOTTU NORH	15
10	GURIJALAMOTTU SOUTH	6
11	JANGALAPALLI	3
12	JANGALAPALLI EAST	1
13	JANGALAPALLI NORTH	4
14	KAMARAM	4
15	KAMARAM NORTH	11
16	KAMARAM SOUTH	3
17	KOMATLAGUDA	3
18	KOMATLAGUDA EAST	1
19	KOMATLAGUDA NORTH	1
20	KOMATLAGUDA WEST	3
21	MADAGUDA WEST	1
22	MADGUDA SOUTH	18
23	MAMIDIGUDA NORTH	2
24	MAMIDIGUDA WEST	6
25	MARRIGUDA	5
26	MARRIGUDA SOUTH	18
27	PANDEM	9
28	PANDEM EAST	4
29	PANDEM NORTH	4
30	PUTTALABHUPATHI	5
	<b>Total</b>	<b>158</b>

## List of Proposed PTs – Gangaram Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	17.854433	80.188881	12.45	IV	BAWARGONDA	41	17.788466	80.203159	7.45	IV	GANGARAN (S)	81	17.979594	80.236562	31.70	III	KAMARAM (N)
2	17.843748	80.187247	12.12	IV	GANGARAM (N)	42	17.787431	80.209102	19.27	IV	GANGARAN (S)	82	18.003593	80.235353	12.06	IV	KAMARAM (N)
3	17.850517	80.183313	16.30	IV	GANGARAM (N)	43	17.791794	80.227506	31.45	V	GANGARAN (S)	83	18.003375	80.233851	10.45	IV	KAMARAM (N)
4	17.850228	80.191852	13.34	IV	GANGARAM (N)	44	17.787668	80.202259	91.91	V	GANGARAN (S)	84	17.960324	80.196719	11.27	II	KAMARAM (S)
5	17.838189	80.184041	10.09	IV	GANGARAM (N)	45	17.839406	80.161546	12.72	II	MADAGUDA WEST	85	17.952935	80.197799	6.24	II	KAMARAM (S)
6	17.832864	80.181624	9.70	IV	GANGARAM (N)	46	17.774361	80.152266	9.48	II	MADGUDA SOUTH	86	17.947277	80.198779	22.11	II	KAMARAM (S)
7	17.828786	80.185692	8.27	IV	GANGARAM (N)	47	17.772861	80.151562	7.68	II	MADGUDA SOUTH	87	17.996516	80.250337	8.24	IV	MAMIDIGUDA (N)
8	17.846892	80.183811	17.48	IV	GANGARAM (N)	48	17.776443	80.153541	23.38	II	MADGUDA SOUTH	88	18.006057	80.237633	11.60	IV	MAMIDIGUDA (N)
9	17.833922	80.244249	8.78	IV	GUDIPADU	49	17.778055	80.150271	10.66	II	MADGUDA SOUTH	89	17.982223	80.252485	17.28	II	MAMIDIGUDA (W)
10	17.817109	80.226117	7.32	IV	GUDIPADU	50	17.783295	80.175349	21.58	IV	MADGUDA SOUTH	90	17.984716	80.256307	8.66	IV	MAMIDIGUDA (W)
11	17.831174	80.245020	24.67	IV	GUDIPADU	51	17.779077	80.164113	7.66	IV	MADGUDA SOUTH	91	17.972962	80.264411	18.02	IV	MAMIDIGUDA (W)
12	17.836312	80.242055	21.98	IV	GUDIPADU	52	17.782416	80.149786	7.35	IV	MADGUDA SOUTH	92	17.972057	80.268081	11.19	IV	MAMIDIGUDA (W)
13	17.827335	80.247541	6.66	IV	GUDIPADU	53	17.777776	80.162058	10.80	IV	MADGUDA SOUTH	93	17.966937	80.256906	47.93	V	MAMIDIGUDA (W)
14	17.834652	80.223365	9.67	IV	GUDIPADU EAST	54	17.782270	80.168550	13.78	IV	MADGUDA SOUTH	94	17.992675	80.253764	25.33	V	MAMIDIGUDA (W)
15	17.844596	80.239773	5.57	IV	GUDIPADU EAST	55	17.783953	80.150182	15.99	IV	MADGUDA SOUTH	95	17.874703	80.190559	10.71	IV	MAMIDIGUDA (W)
16	17.842621	80.226902	45.58	V	GUDIPADU EAST	56	17.783051	80.166924	7.53	IV	MADGUDA SOUTH	96	17.873422	80.191235	8.83	IV	MAMIDIGUDA (W)
17	17.861357	80.185561	12.55	II	KOMATLAGUDA-W	57	17.784763	80.167867	6.02	IV	MADGUDA SOUTH	97	17.874942	80.181006	27.36	V	MAMIDIGUDA (W)
18	17.859018	80.197168	27.28	V	KOMATLAGUDA-W	58	17.781534	80.165284	11.45	IV	MADGUDA SOUTH	98	17.917532	80.180751	9.36	I	MARRIGUDA
19	17.863160	80.193363	54.89	V	KOMATLAGUDA-W	59	17.769573	80.150550	14.01	IV	MADGUDA SOUTH	99	17.915873	80.180686	5.63	II	MARRIGUDA
20	17.908071	80.261868	13.85	IV	JANGALAPALLI	60	17.777709	80.174730	22.95	IV	MADGUDA SOUTH	100	17.904891	80.172398	9.65	II	MARRIGUDA
21	17.904302	80.263028	13.00	IV	JANGALAPALLI	61	17.774271	80.165855	17.48	IV	MADGUDA SOUTH	101	17.914567	80.179174	9.08	II	MARRIGUDA
22	17.902022	80.262112	57.51	V	JANGALAPALLI	62	17.770228	80.157576	22.25	IV	MADGUDA SOUTH	102	17.906672	80.176951	6.12	IV	MARRIGUDA
23	17.942297	80.254003	31.12	V	JANGALAPALLI(E)	63	17.786539	80.171765	52.82	V	MADGUDA SOUTH	103	17.907401	80.183612	6.92	II	MARRIGUDA (S)
24	17.959733	80.241484	6.99	II	JANGALAPALLI (N)	64	17.879492	80.164960	8.46	II	PUTTALABHUPATHI	104	17.903713	80.186590	6.68	II	MARRIGUDA (S)
25	17.952581	80.235383	16.34	IV	JANGALAPALLI (N)	65	17.875418	80.171666	14.27	II	PUTTALABHUPATHI	105	17.898696	80.186493	5.98	II	MARRIGUDA (S)
26	17.948873	80.229970	16.19	IV	JANGALAPALLI (N)	66	17.877435	80.165273	11.73	II	PUTTALABHUPATHI	106	17.903450	80.187525	8.01	II	MARRIGUDA (S)
27	17.948125	80.236924	14.26	IV	JANGALAPALLI (N)	67	17.874270	80.166385	5.57	IV	PUTTALABHUPATHI	107	17.894889	80.175527	7.58	II	MARRIGUDA (S)
28	17.862906	80.264308	38.32	II	KOMATLAGUDA	68	17.869919	80.185411	32.00	V	PUTTALABHUPATHI	108	17.898869	80.182528	11.13	II	MARRIGUDA (S)
29	17.859407	80.260260	7.64	IV	KOMATLAGUDA	69	17.969911	80.235302	6.42	II	KAMARAM	109	17.889630	80.172518	5.74	II	MARRIGUDA (S)
30	17.866191	80.260733	62.65	V	KOMATLAGUDA	70	17.975229	80.245713	13.68	II	KAMARAM	110	17.900792	80.178482	17.78	II	MARRIGUDA (S)
31	17.875697	80.241534	11.84	IV	KOMATLAGUDA (E)	71	17.975898	80.242686	6.06	II	KAMARAM	111	17.913824	80.182285	7.82	II	MARRIGUDA (S)
32	17.899284	80.262609	25.52	V	KOMATLAGUDA (N)	72	17.971922	80.236289	5.79	II	KAMARAM	112	17.896153	80.176977	12.73	II	MARRIGUDA (S)
33	17.781052	80.191903	5.55	IV	GANGARAM	73	17.986935	80.240555	9.06	II	KAMARAM NORTH	113	17.889519	80.180423	5.28	II	MARRIGUDA (S)
34	17.789081	80.191890	7.05	IV	GANGARAM	74	17.987536	80.240071	9.42	II	KAMARAM NORTH	114	17.896024	80.170269	11.97	II	MARRIGUDA (S)
35	17.785759	80.192870	6.04	IV	GANGARAM	75	17.993285	80.237078	10.94	II	KAMARAM NORTH	115	17.899626	80.171437	6.80	IV	MARRIGUDA (S)
36	17.818877	80.246010	7.28	IV	GANGARAM (E)	76	17.992039	80.242451	6.20	II	KAMARAM NORTH	116	17.887703	80.168940	7.13	IV	MARRIGUDA (S)
37	17.804884	80.227497	5.65	IV	GANGARAM (E)	77	17.980288	80.239899	8.89	II	KAMARAM NORTH	117	17.901620	80.190493	4.71	IV	MARRIGUDA (S)
38	17.805727	80.230716	5.89	IV	GANGARAM (E)	78	17.992990	80.244943	6.03	II	KAMARAM NORTH	118	17.905030	80.191956	6.27	IV	MARRIGUDA (S)
39	17.816834	80.245162	13.87	IV	GANGARAM (E)	79	18.019178	80.227629	12.18	II	KAMARAM NORTH	119	17.910138	80.186623	5.40	IV	MARRIGUDA (S)
40	17.793206	80.234948	32.17	V	GANGARAM (E)	80	18.015257	80.227836	32.98	III	KAMARAM NORTH	120	17.909162	80.189392	9.13	IV	MARRIGUDA (S)

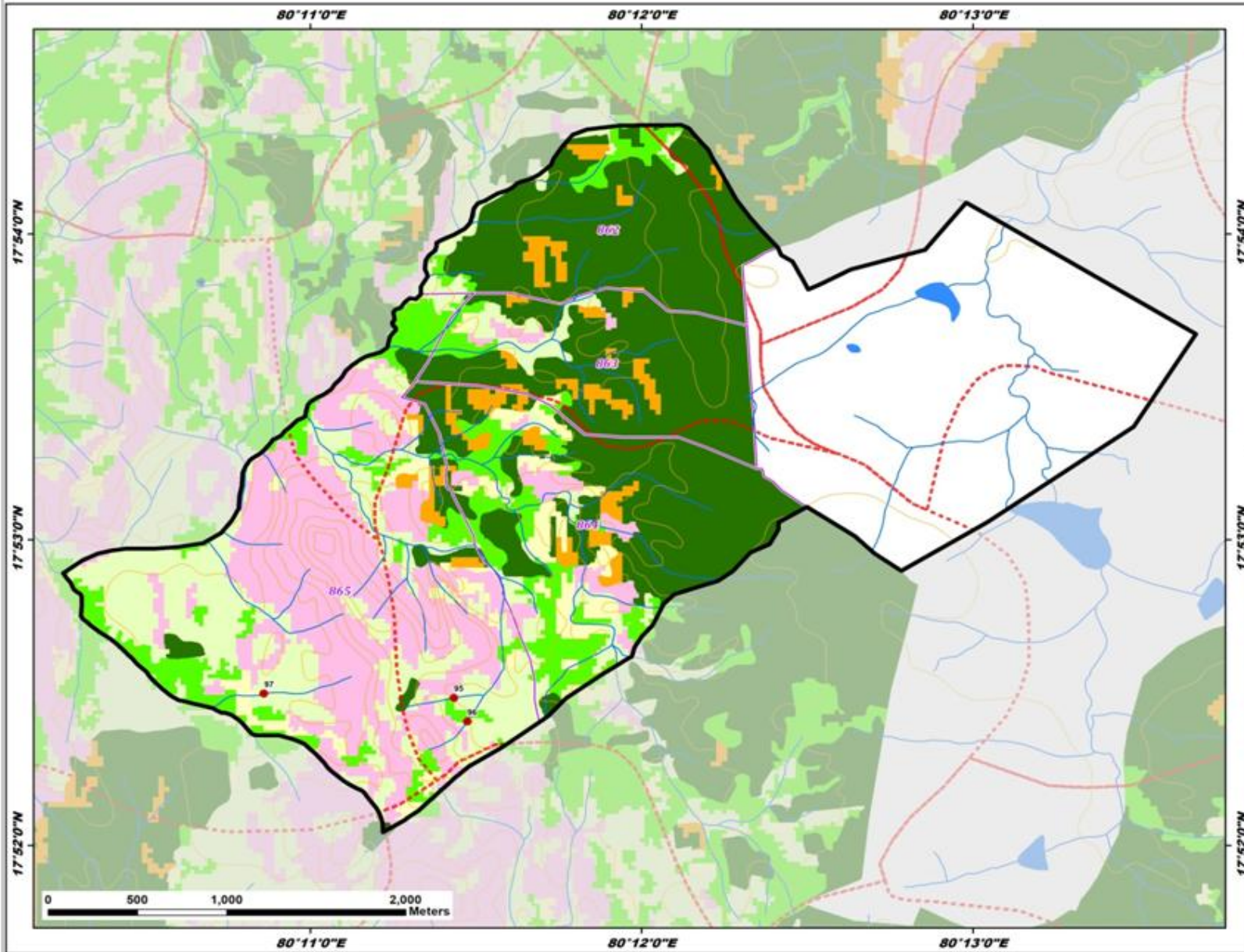
## List of Proposed PTs – Gangaram Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
121	17.767013	80.185878	11.58	II	GURIJALAMOTTU NORH
122	17.758384	80.197093	8.77	II	GURIJALAMOTTU NORH
123	17.759135	80.198051	11.64	II	GURIJALAMOTTU NORH
124	17.785704	80.198911	22.30	IV	GURIJALAMOTTU NORH
125	17.761458	80.201720	14.77	IV	GURIJALAMOTTU NORH
126	17.767526	80.187669	8.19	IV	GURIJALAMOTTU NORH
127	17.773876	80.201523	9.80	IV	GURIJALAMOTTU NORH
128	17.762535	80.182112	16.14	IV	GURIJALAMOTTU NORH
129	17.778197	80.199890	17.46	IV	GURIJALAMOTTU NORH
130	17.782899	80.201867	11.02	IV	GURIJALAMOTTU NORH
131	17.778493	80.184640	12.89	IV	GURIJALAMOTTU NORH
132	17.771688	80.197584	10.42	IV	GURIJALAMOTTU NORH
133	17.773978	80.217044	20.81	IV	GURIJALAMOTTU NORH
134	17.771929	80.193397	8.68	IV	GURIJALAMOTTU NORH
135	17.792085	80.183391	50.08	V	GURIJALAMOTTU NORH
136	17.720149	80.179444	15.39	II	GURIJALAMOTTU SOUTH
137	17.758202	80.171571	31.57	III	GURIJALAMOTTU SOUTH
138	17.760750	80.166729	12.85	IV	GURIJALAMOTTU SOUTH
139	17.765901	80.169201	17.43	IV	GURIJALAMOTTU SOUTH
140	17.764186	80.165858	35.92	V	GURIJALAMOTTU SOUTH
141	17.753860	80.169720	62.27	V	GURIJALAMOTTU SOUTH
142	17.755048	80.203555	8.63	II	PANDEM
143	17.752361	80.208118	10.52	II	PANDEM
144	17.759829	80.226704	5.83	IV	PANDEM
145	17.769370	80.220215	21.51	IV	PANDEM
146	17.763727	80.217842	17.35	IV	PANDEM
147	17.767041	80.208612	24.19	IV	PANDEM
148	17.766385	80.230549	7.81	IV	PANDEM
149	17.767246	80.227378	6.82	IV	PANDEM
150	17.763171	80.228796	26.36	V	PANDEM
151	17.775427	80.230185	6.31	IV	PANDEM EAST
152	17.740909	80.246098	11.30	IV	PANDEM EAST
153	17.778297	80.234980	5.52	IV	PANDEM EAST
154	17.758399	80.228675	14.62	IV	PANDEM EAST
155	17.783510	80.228001	19.16	II	PANDEM NORTH
156	17.784243	80.226027	15.73	IV	PANDEM NORTH
157	17.789326	80.237082	33.68	V	PANDEM NORTH
158	17.782401	80.221670	31.51	V	PANDEM NORTH

# Map Showing Suitability index for Construction of SMC Works of Bawargonda West Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
95	17.874703	80.190559	10.71	IV
96	17.873422	80.191235	8.83	IV
97	17.874942	80.181006	27.36	V

**Legend**

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

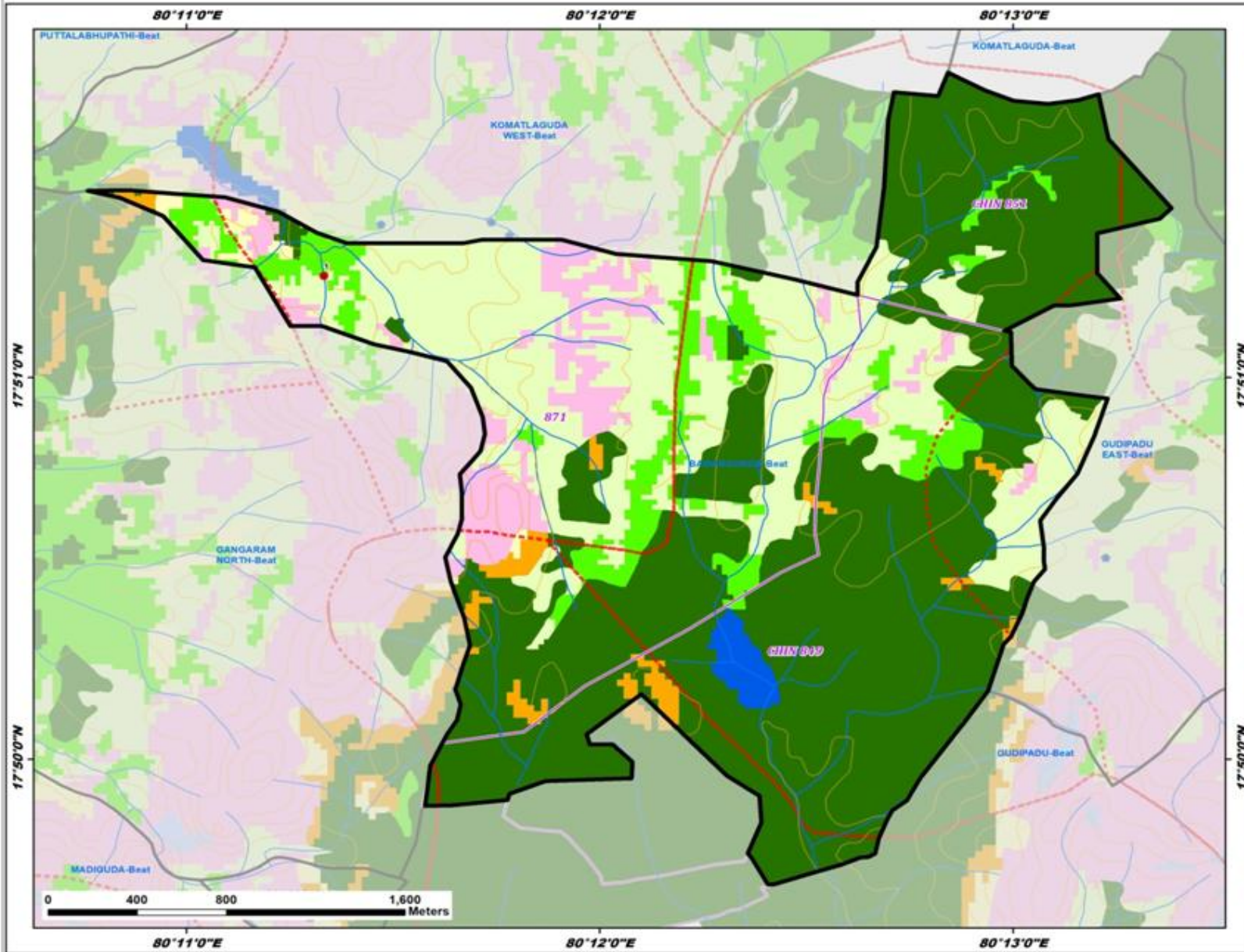
**Suitability Index**

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

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



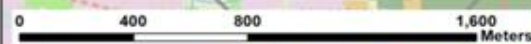
Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
1	17.854433	80.188881	12.45	IV

### Legend

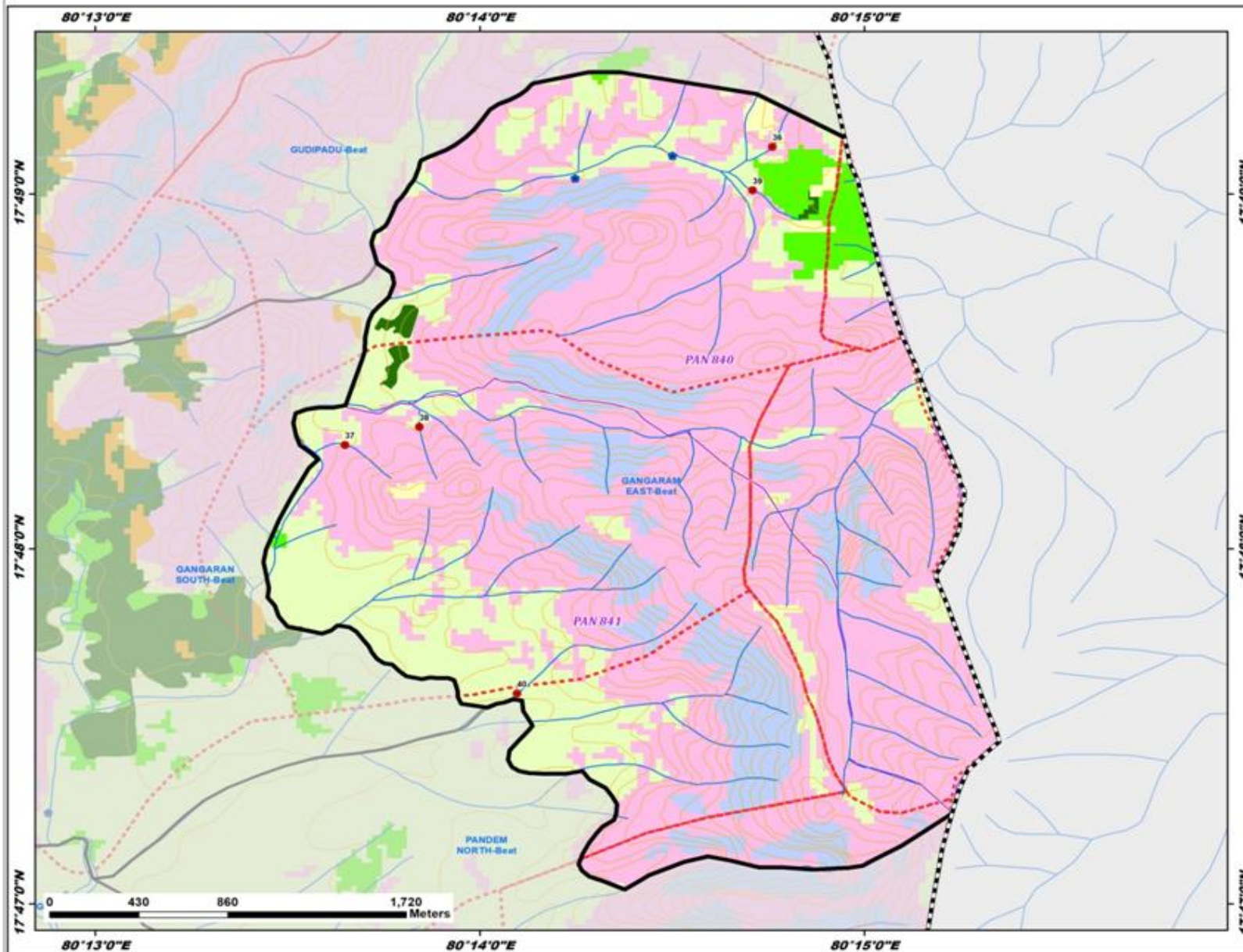
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - Watershed Boundary
  - Compartment Boundary
  - Beat Boundary
  - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable
  - PTs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



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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
36	17.818877	80.246010	7.28	IV
37	17.804884	80.227497	5.65	IV
38	17.805727	80.230716	5.89	IV
39	17.816834	80.245162	13.87	IV
40	17.793206	80.234948	32.17	V

**Legend**

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

**Suitability Index**

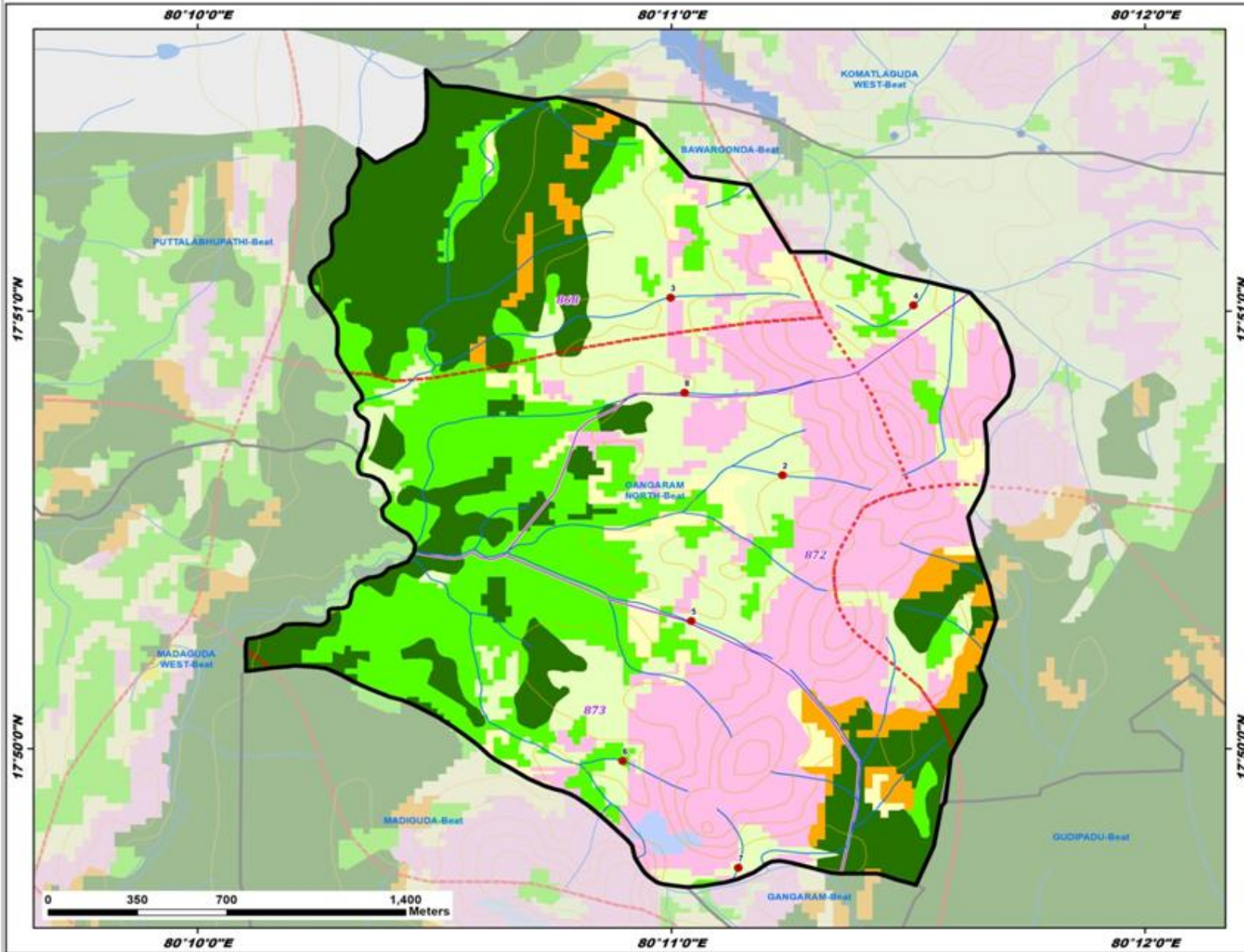
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Gangaram North Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
2	17.843748	80.187247	12.12	IV
3	17.850517	80.183313	16.30	IV
4	17.850228	80.191852	13.34	IV
5	17.838189	80.184041	10.09	IV
6	17.832864	80.181624	9.70	IV
7	17.828786	80.185692	8.27	IV
8	17.846892	80.183811	17.48	IV

**Legend**

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

**Suitability Index**

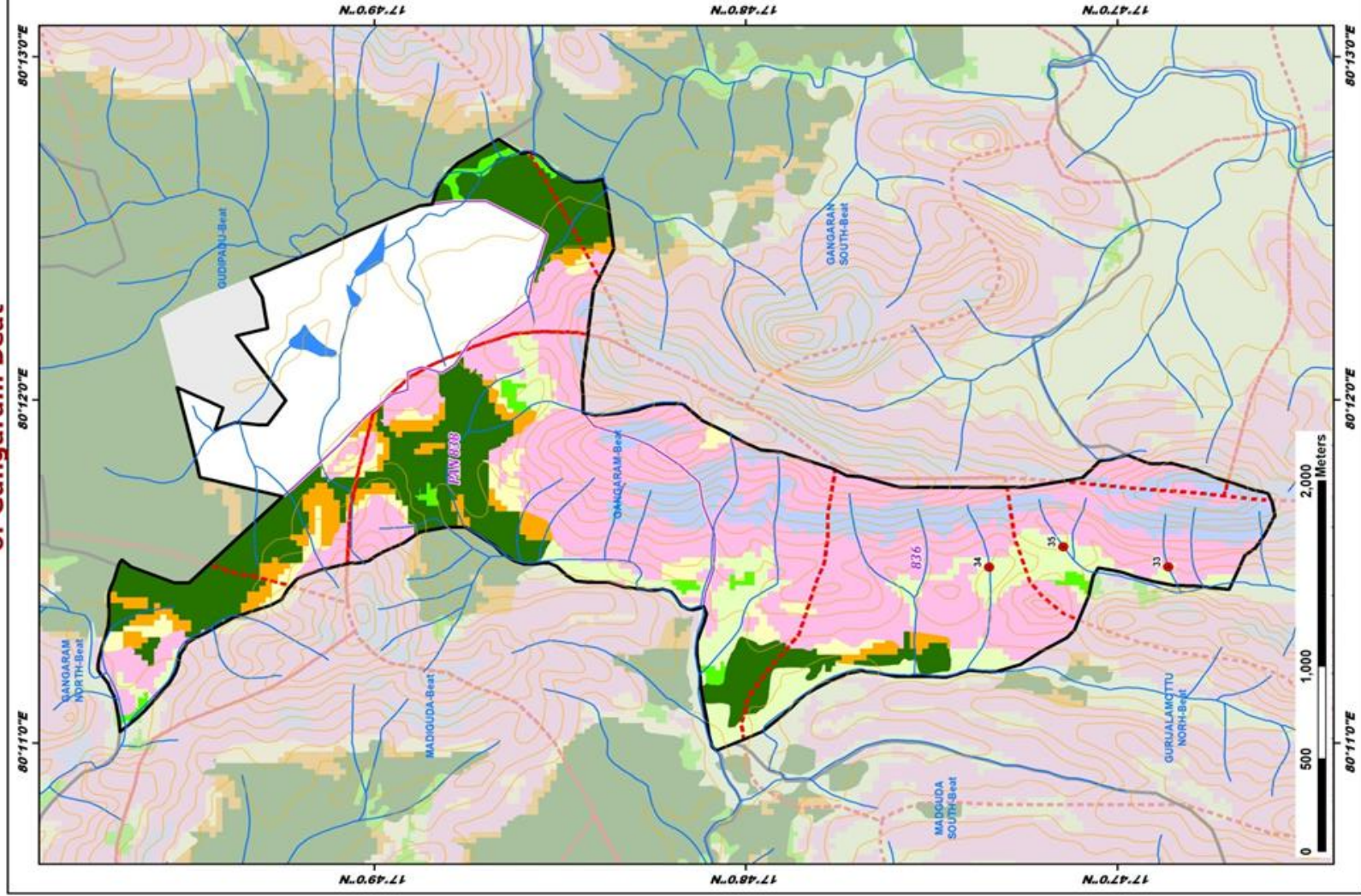
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area, ha	Priority
33	17.781052	80.191903	5.55	IV
34	17.789081	80.191890	7.05	IV
35	17.785799	80.193870	6.04	IV

## LEGEND

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

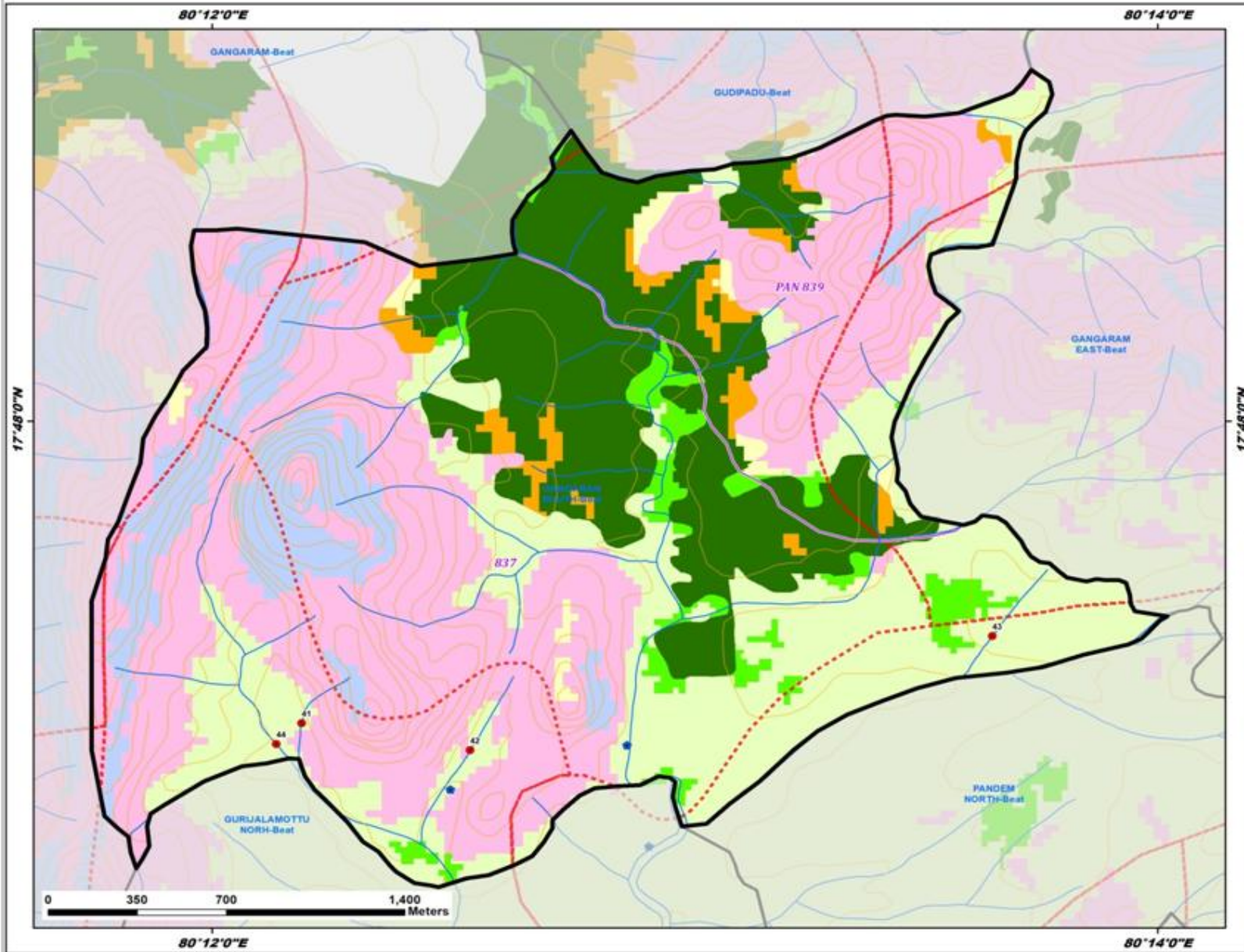




# Map Showing Suitability index for Construction of SMC Works of Gangaran South Beat



Division : Guduru WLM  
Range : Gangaram



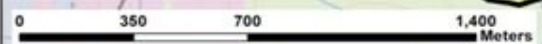
ID	Latitude	Longitude	Catchment Area_ha	Priority
41	17.788466	80.203159	7.45	IV
42	17.787431	80.209102	19.27	IV
43	17.791794	80.227506	31.45	V
44	17.787668	80.202259	91.91	V

**Legend**

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

**Suitability Index**

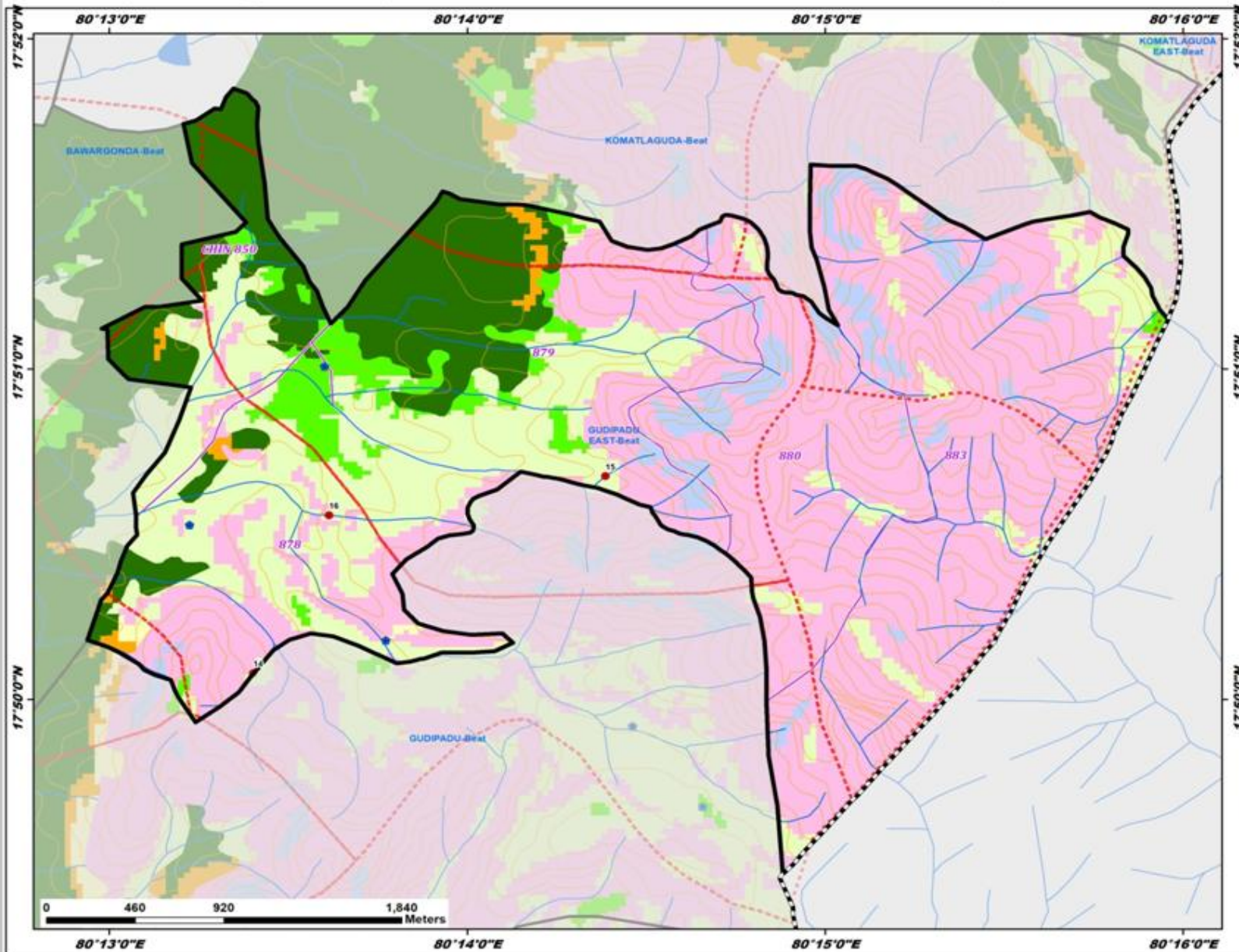
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGTs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
14	17.834652	80.223365	9.64	IV
15	17.844596	80.239773	5.57	IV
16	17.842621	80.226902	45.58	V

**Legend**

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

**Suitability Index**

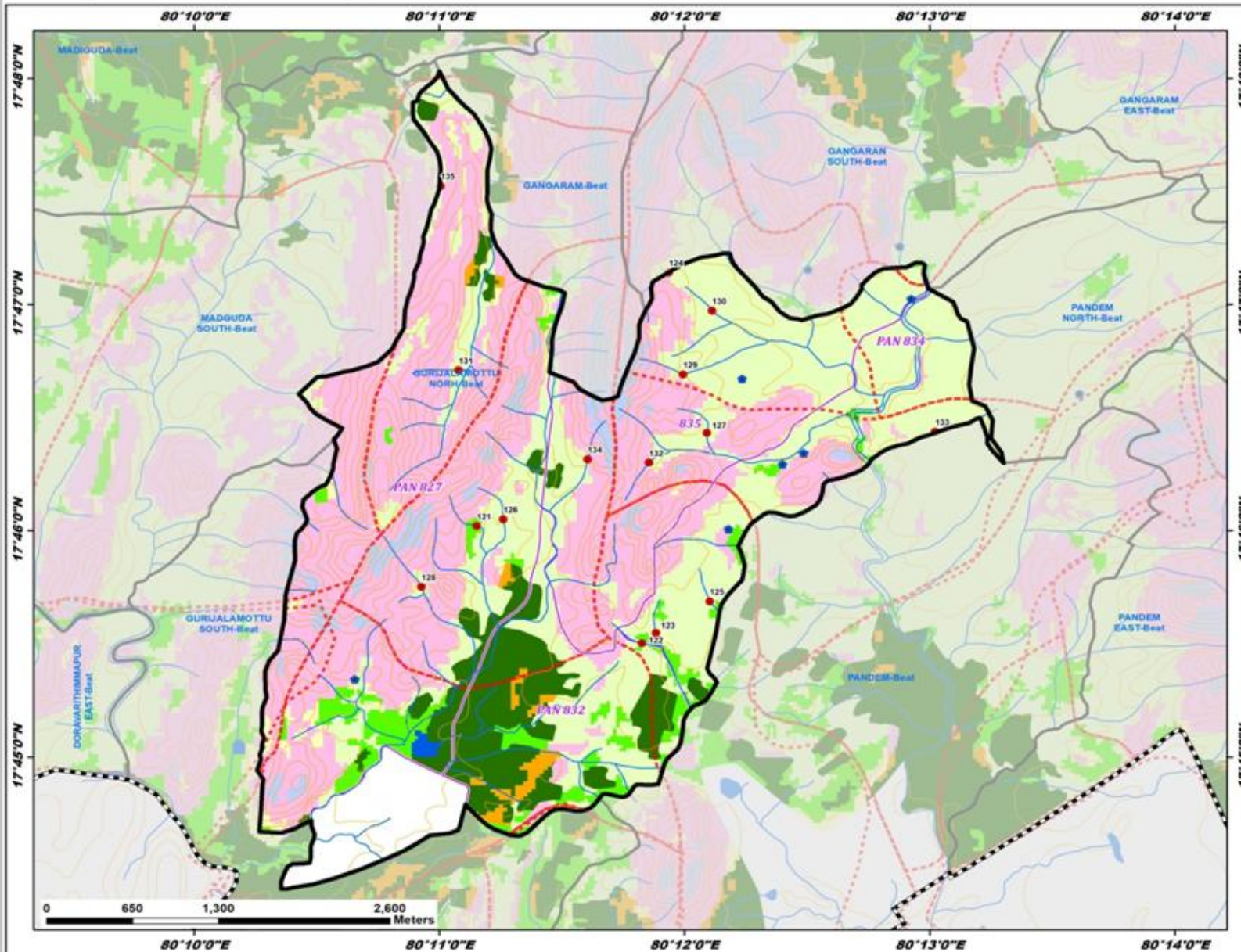
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Gurijalamottu Norh Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
121	17.767013	80.185878	11.58	II
122	17.758384	80.197093	8.77	II
123	17.759135	80.198051	11.64	II
124	17.785704	80.198911	22.30	IV
125	17.761458	80.201720	14.77	IV
126	17.767526	80.187669	8.19	IV
127	17.773876	80.201523	9.80	IV
128	17.762535	80.182112	16.14	IV
129	17.778197	80.199890	17.46	IV
130	17.782899	80.201867	11.02	IV
131	17.778493	80.184640	12.89	IV
132	17.771688	80.197584	10.42	IV
133	17.773978	80.217044	20.81	IV
134	17.771929	80.193397	8.68	IV
135	17.792085	80.183391	50.08	V

**Legend**

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

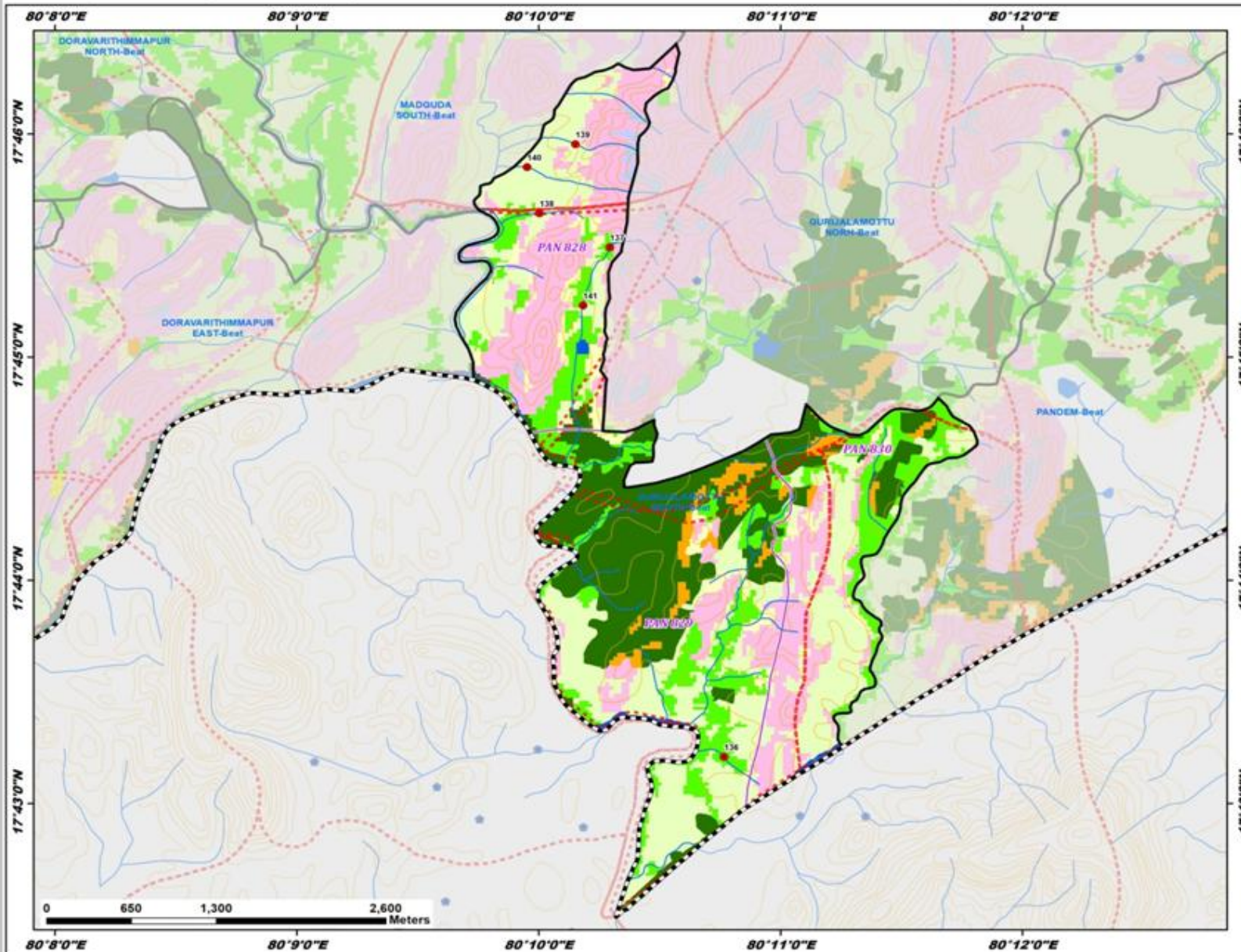
**Suitability Index**

- 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 Gurijalamottu South Beat



Division : Guduru WLM  
Range : Gangaram



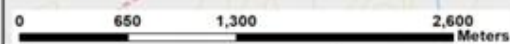
ID	Latitude	Longitude	Catchment Area_ha	Priority
136	17.720149	80.179444	15.39	II
137	17.758202	80.171571	31.57	III
138	17.760750	80.166729	12.85	IV
139	17.765901	80.169201	17.43	IV
140	17.764186	80.165858	35.92	V
141	17.753860	80.169720	62.27	V

**Legend**

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

**Suitability Index**

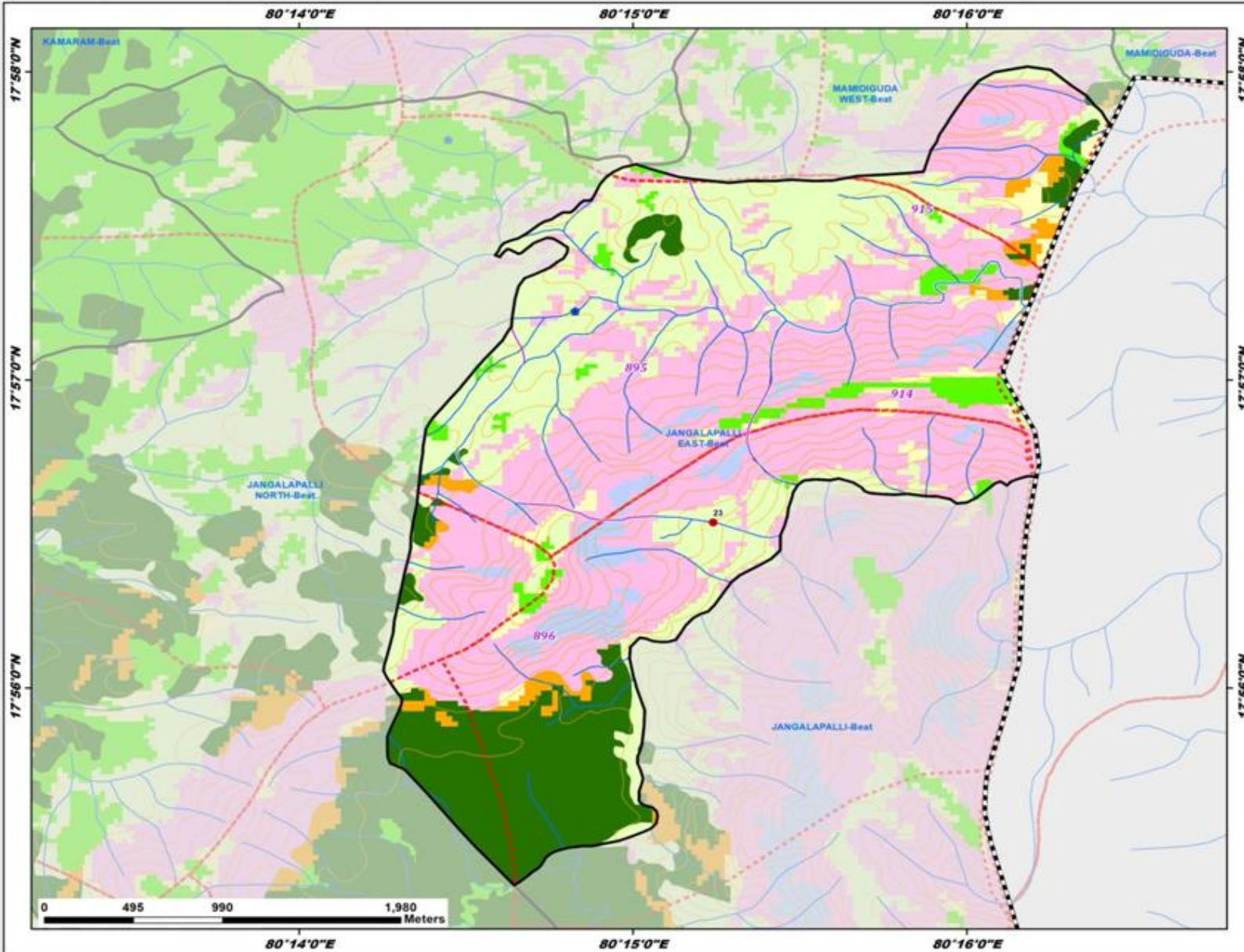
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
23	17.942297	80.254003	31.12	V

**Legend**

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

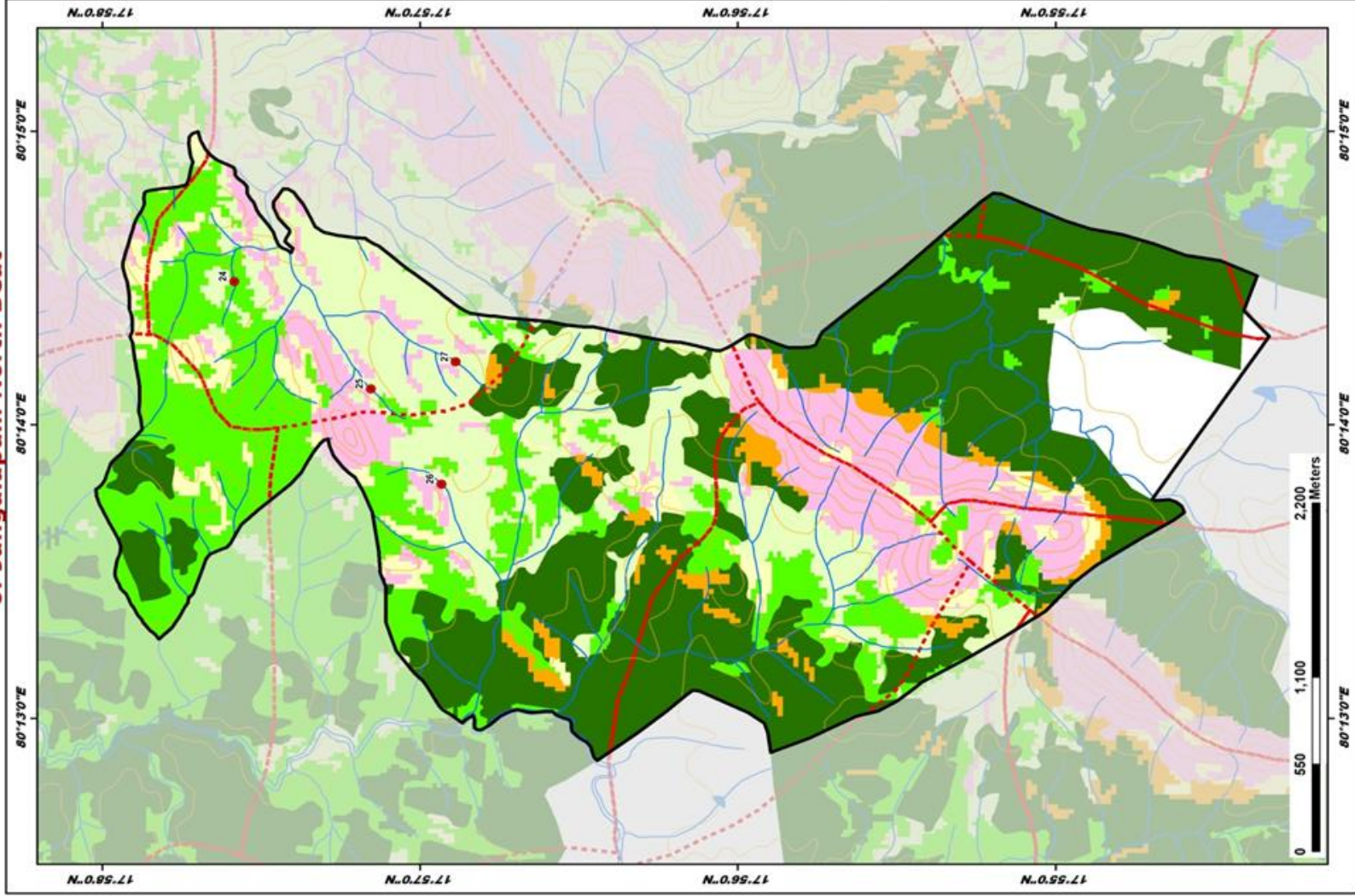
**Suitability Index**

- 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 Jangalapalli North Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area, ha	Priority
24	17.959733	80.241484	6.99	II
25	17.952581	80.235383	16.34	IV
26	17.948873	80.229970	16.19	IV
27	17.946125	80.236924	14.26	IV

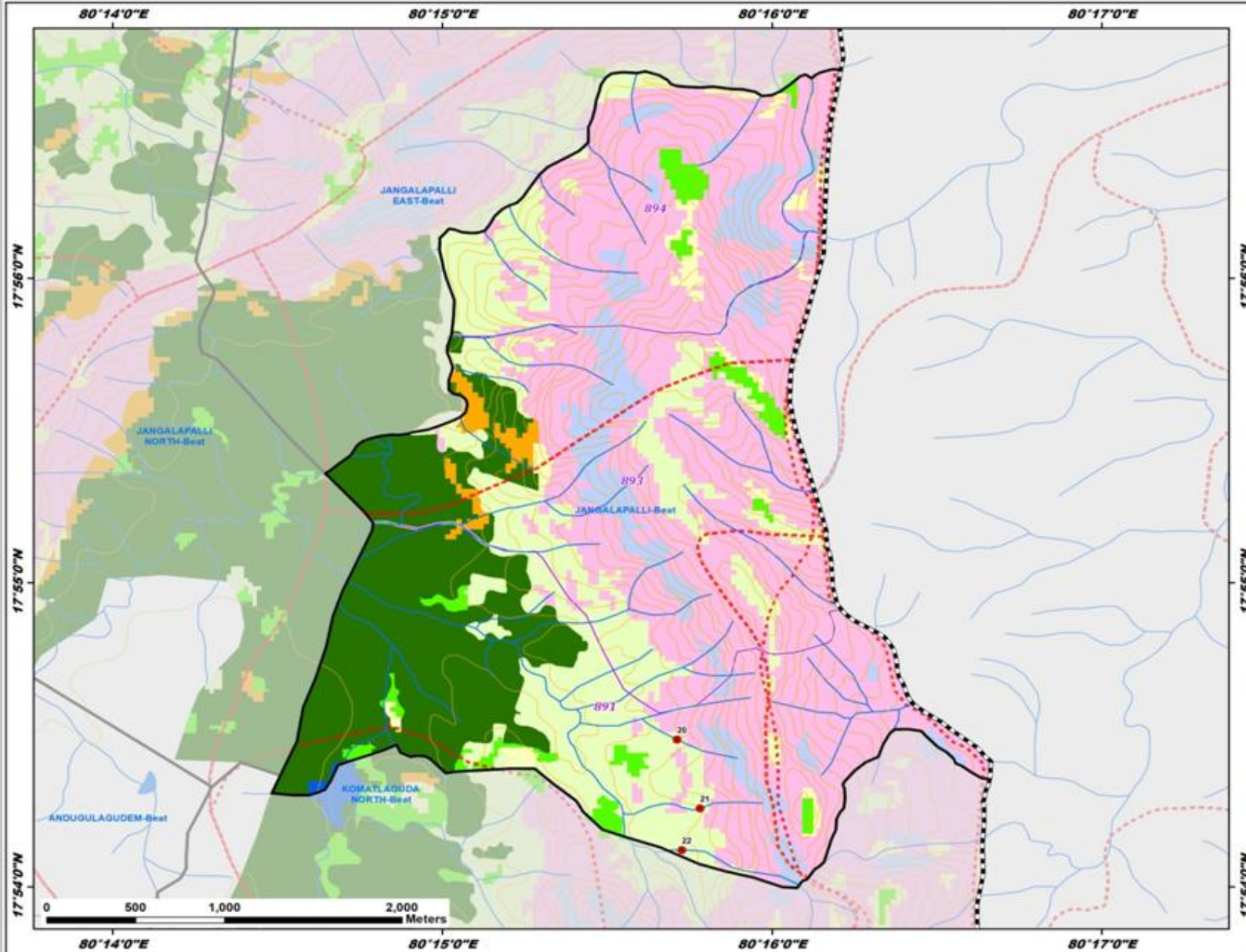
## LEGEND

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

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



Division : Guduru WLM  
Range : Gangaram



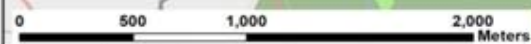
ID	Latitude	Longitude	Catchment Area_ha	Priority
20	17.908071	80.261868	13.85	IV
21	17.904302	80.263028	13.00	IV
22	17.902022	80.262112	57.51	V

**Legend**

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

**Suitability Index**

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

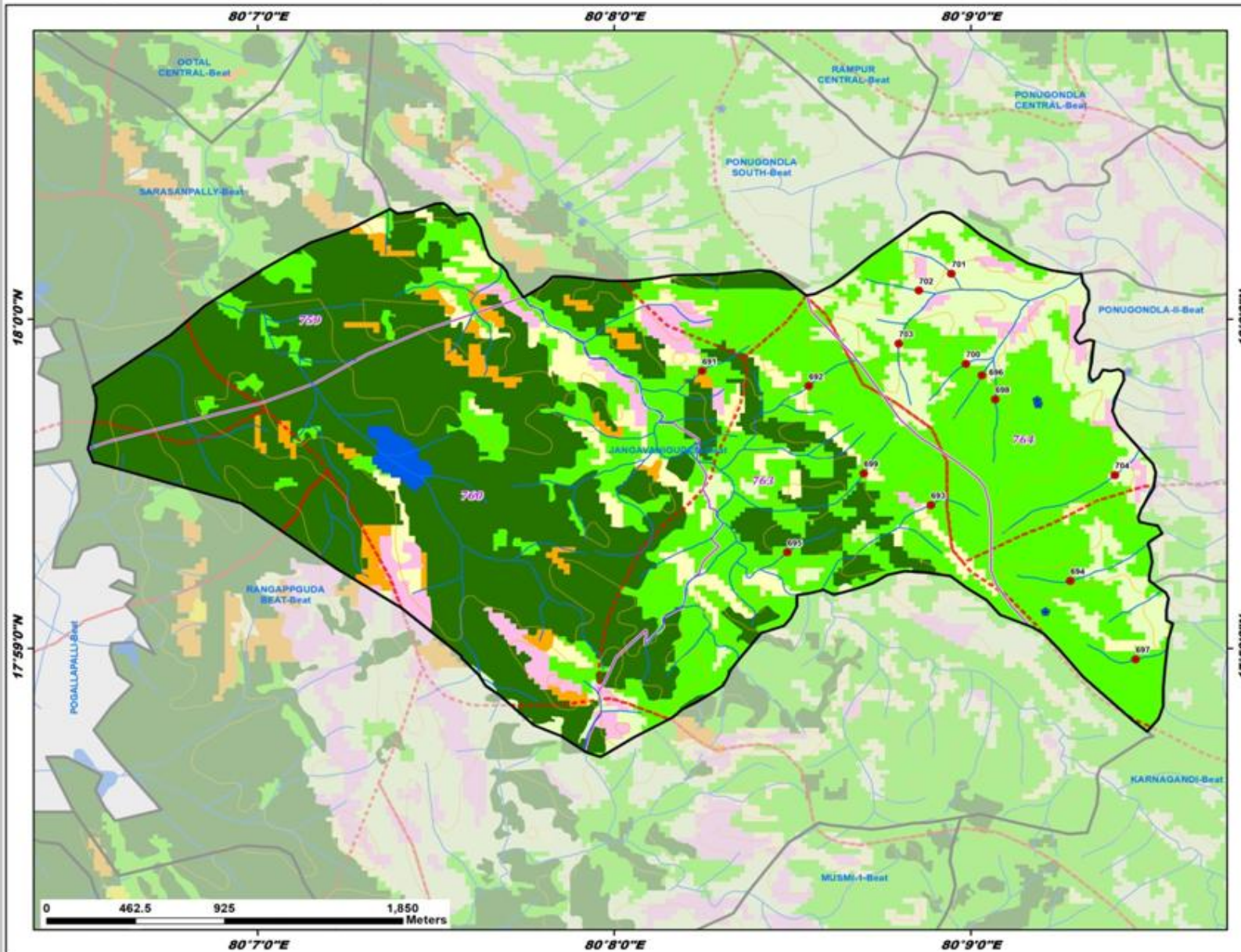




# Map Showing Suitability index for Construction of SMC Works of Jangavanigudem Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
691	17.997398	80.137437	6.10	II
692	17.996627	80.142426	18.17	II
693	17.990599	80.148123	14.35	II
694	17.986764	80.154646	17.39	II
695	17.988210	80.141427	6.26	II
696	17.997174	80.150511	6.75	II
697	17.982790	80.157685	7.65	II
698	17.995948	80.151135	11.21	II
699	17.992200	80.144996	8.73	II
700	17.997746	80.149773	5.67	IV
701	18.002317	80.149089	9.89	IV
702	18.001459	80.147566	7.92	IV
703	17.998775	80.146630	10.04	IV
704	17.992110	80.156725	29.47	V

**Legend**

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

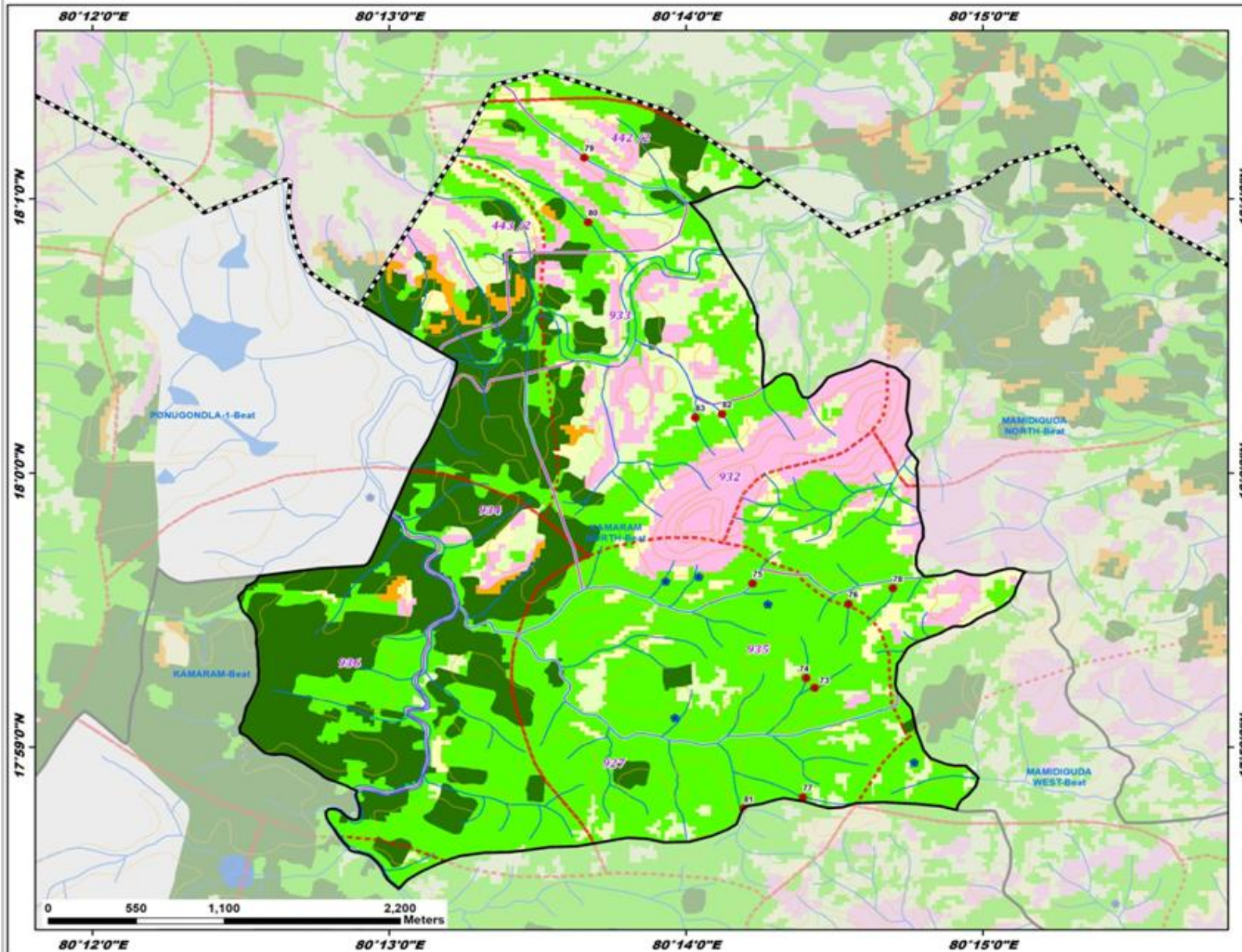
**Suitability Index**

- 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 Kamaram North Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
73	17.986935	80.240555	9.06	II
74	17.987536	80.240071	9.42	II
75	17.991285	80.237078	10.94	II
76	17.992039	80.242451	6.20	II
77	17.980288	80.239899	8.89	II
78	17.992990	80.244943	6.03	II
79	18.019178	80.227629	12.18	III
80	18.015257	80.227836	32.98	III
81	17.979594	80.236562	31.70	III
82	18.003593	80.235353	12.06	IV
83	18.003375	80.233851	10.45	IV

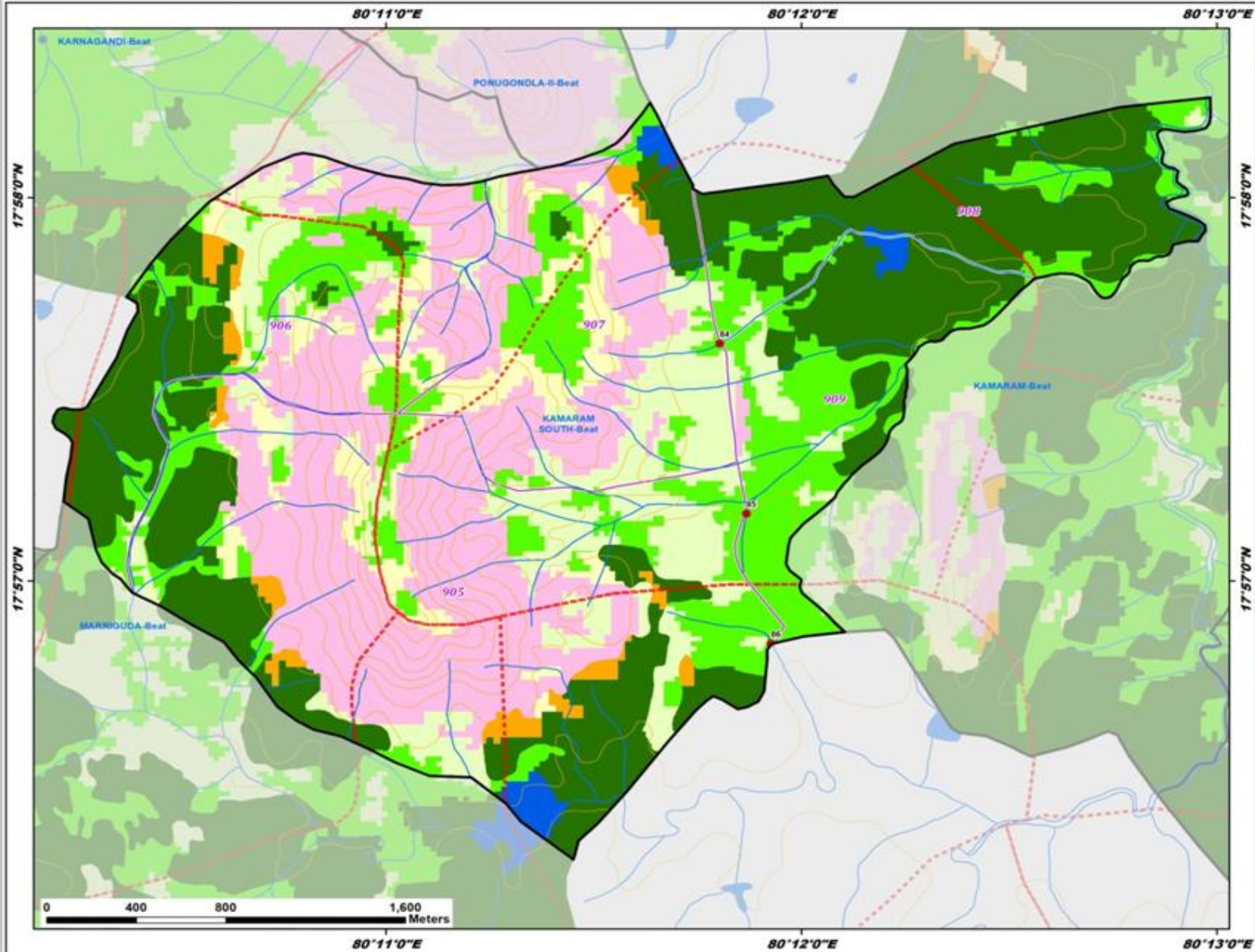
### Legend

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

# Map Showing Suitability index for Construction of SMC Works of Kamaram South Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
84	17.960324	80.196719	11.27	II
85	17.952935	80.197799	6.24	II
86	17.947277	80.198779	22.11	II

**Legend**

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

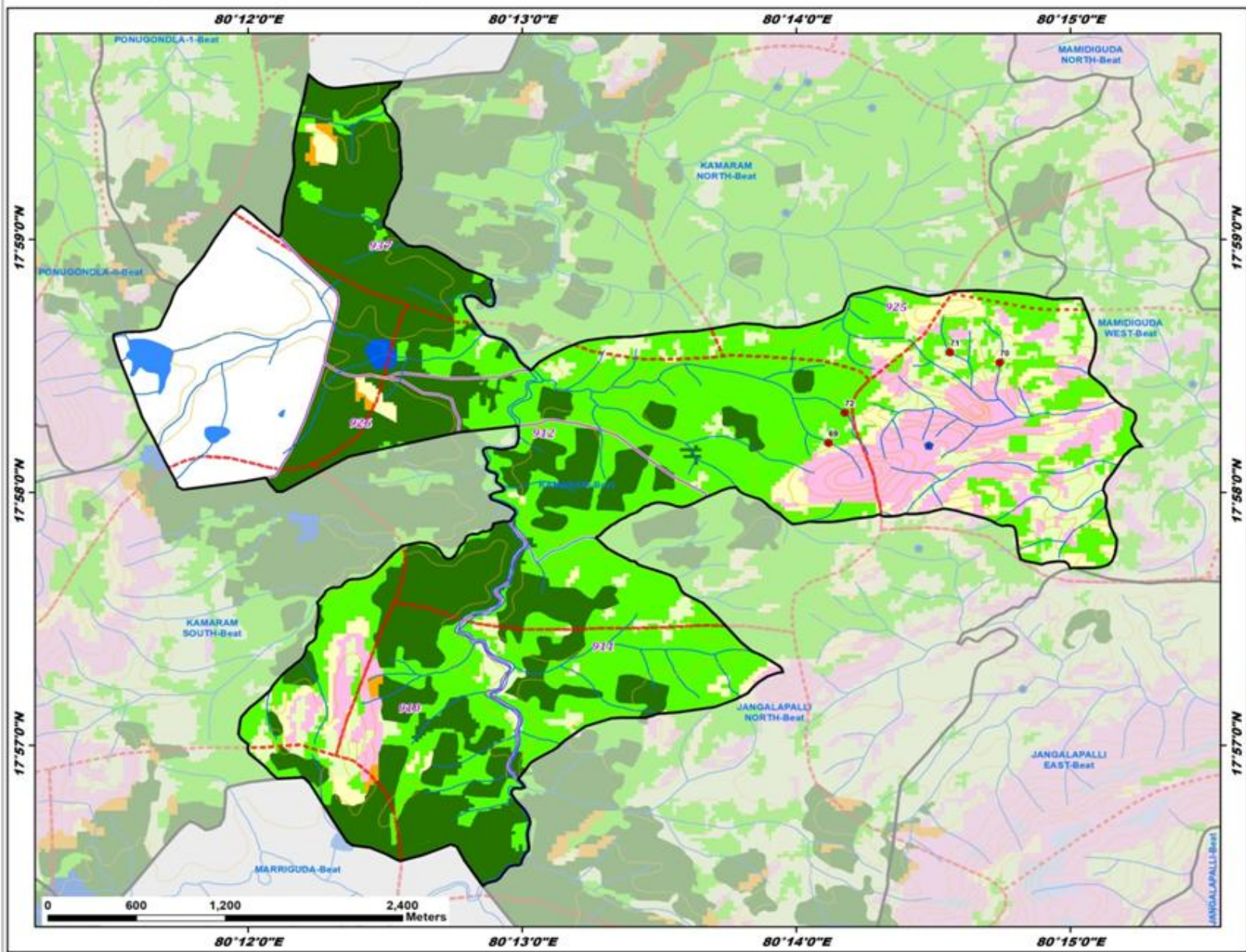
**Suitability Index**

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

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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
69	17.969911	80.235302	6.42	II
70	17.975229	80.245713	13.68	II
71	17.975898	80.242686	6.06	II
72	17.971922	80.236289	5.79	II

**Legend**

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

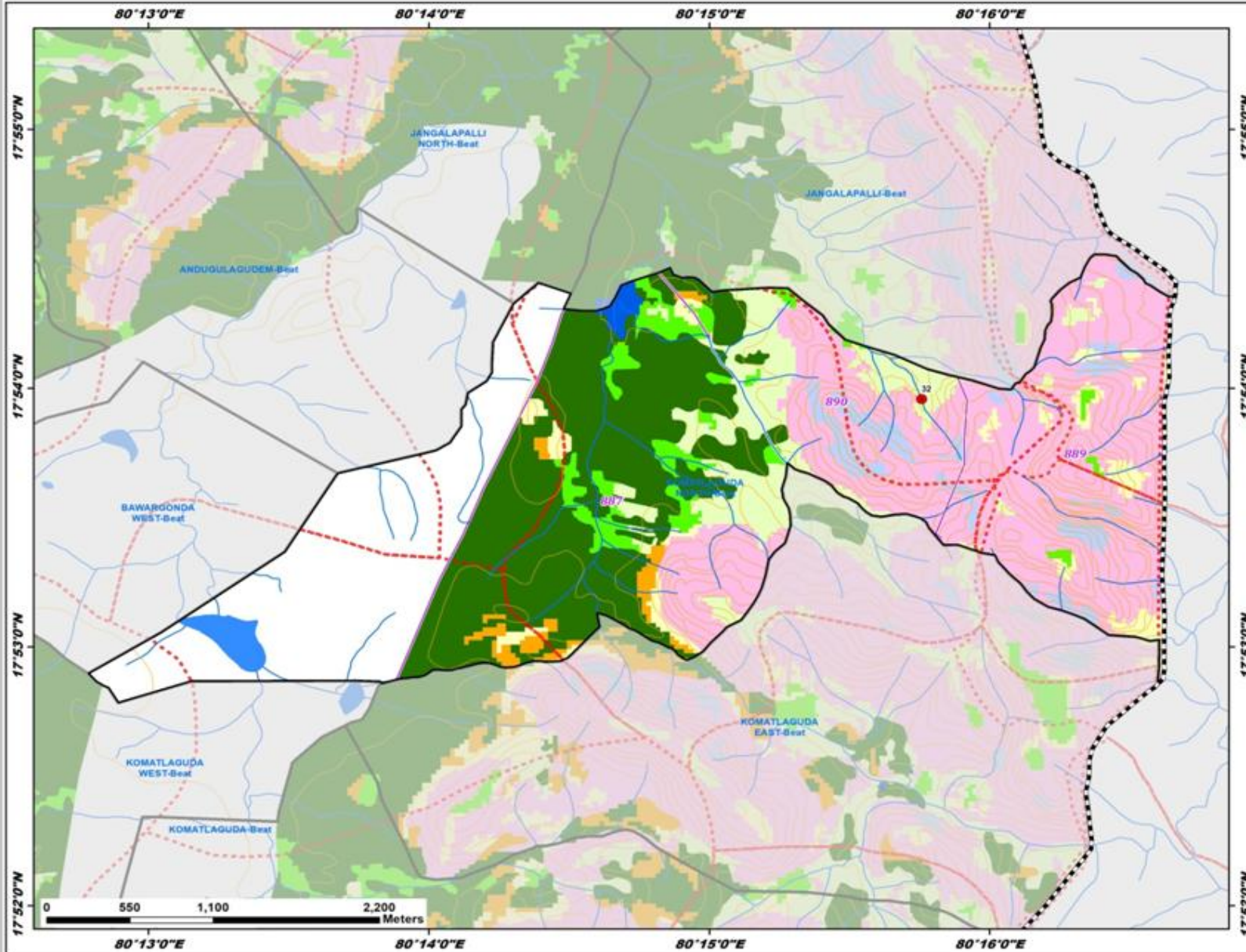
**Suitability Index**

- 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 Komatlaguda North Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
32	17.899284	80.262609	25.52	V

### Legend

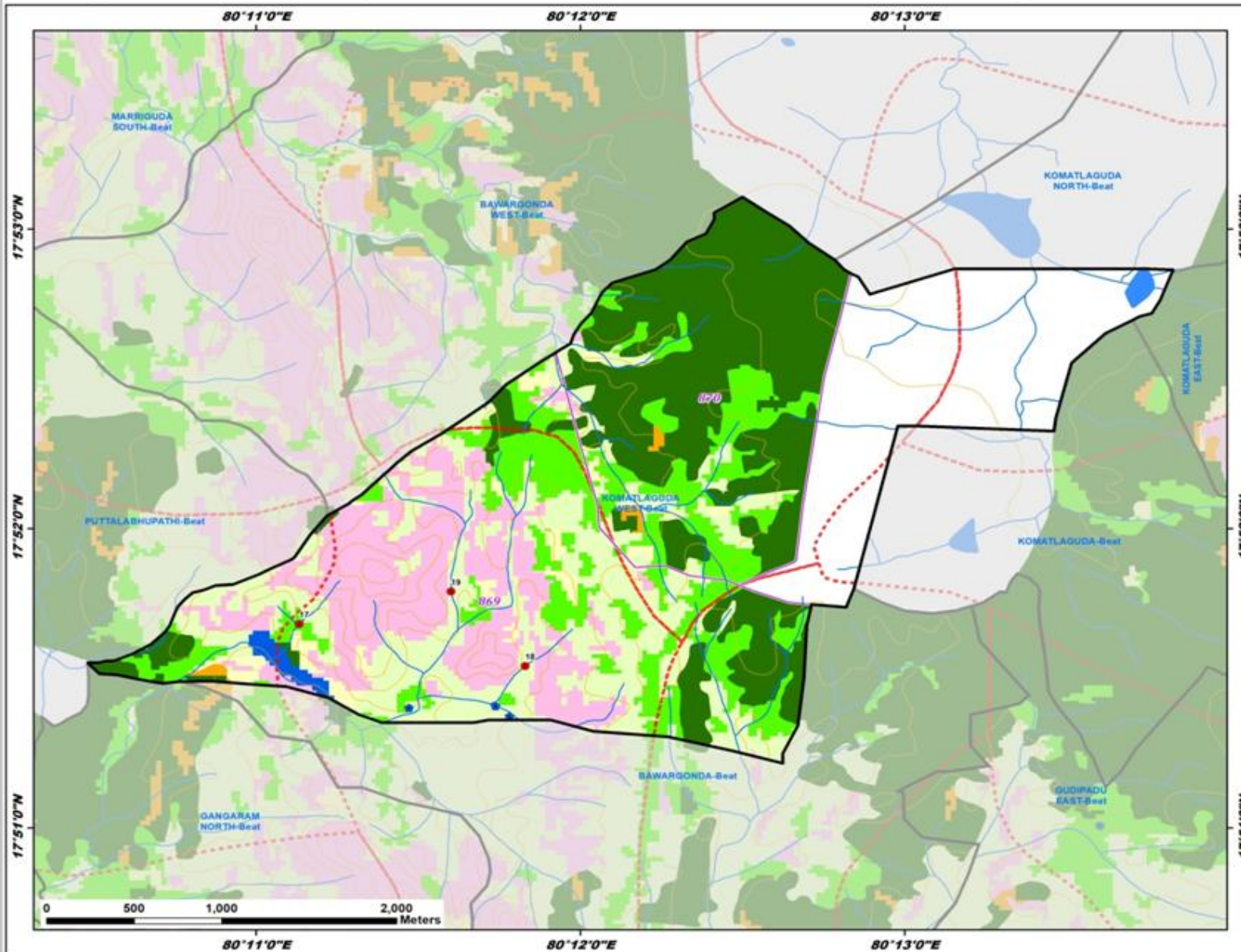
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

- ### 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 Komatlaguda West Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
17	17.861357	80.185561	12.55	II
18	17.859018	80.197168	27.28	V
19	17.863160	80.193363	54.89	V

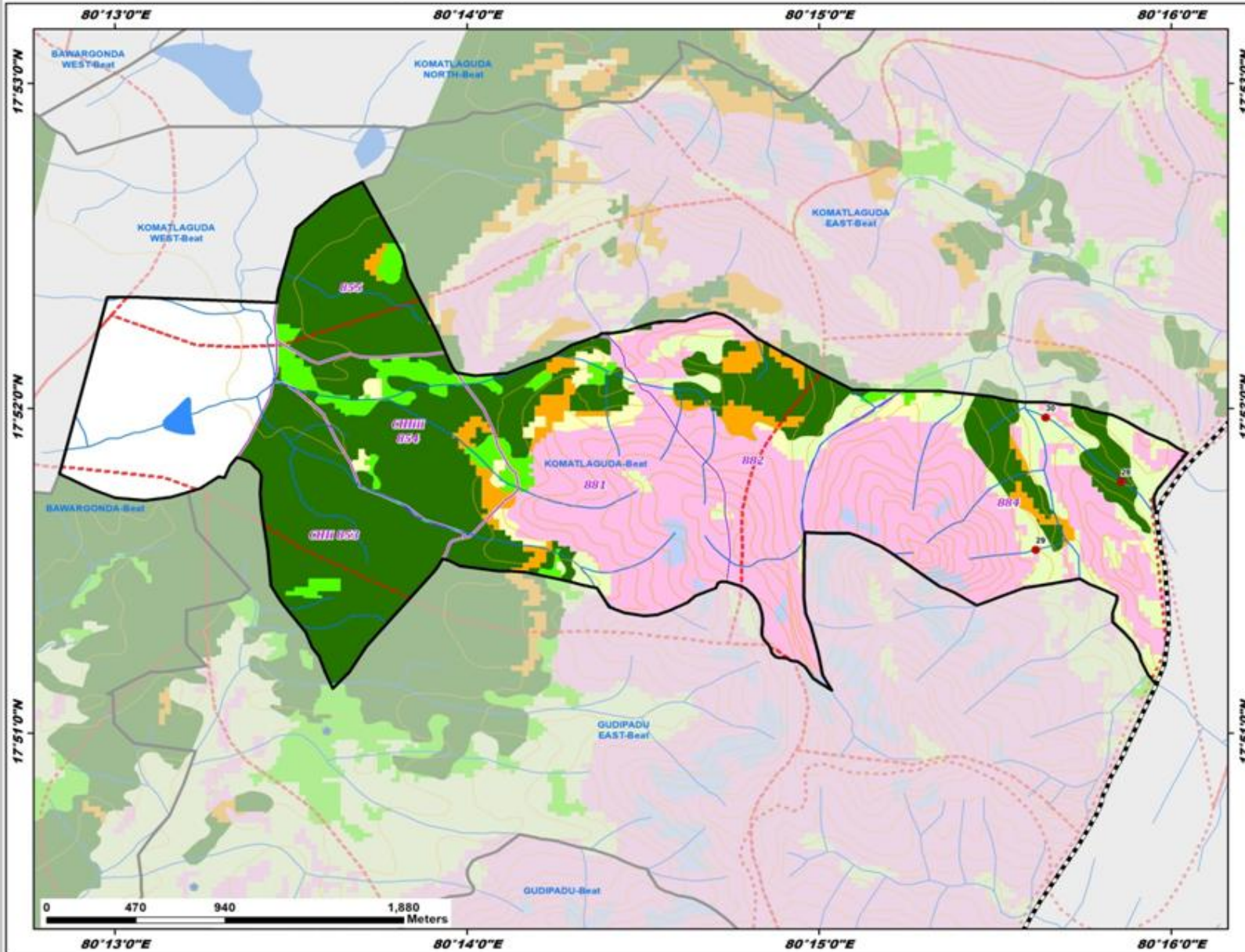
## Legend

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

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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
28	17.862906	80.264308	38.32	II
29	17.859407	80.260260	7.64	IV
30	17.866191	80.260733	62.65	V

**Legend**

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

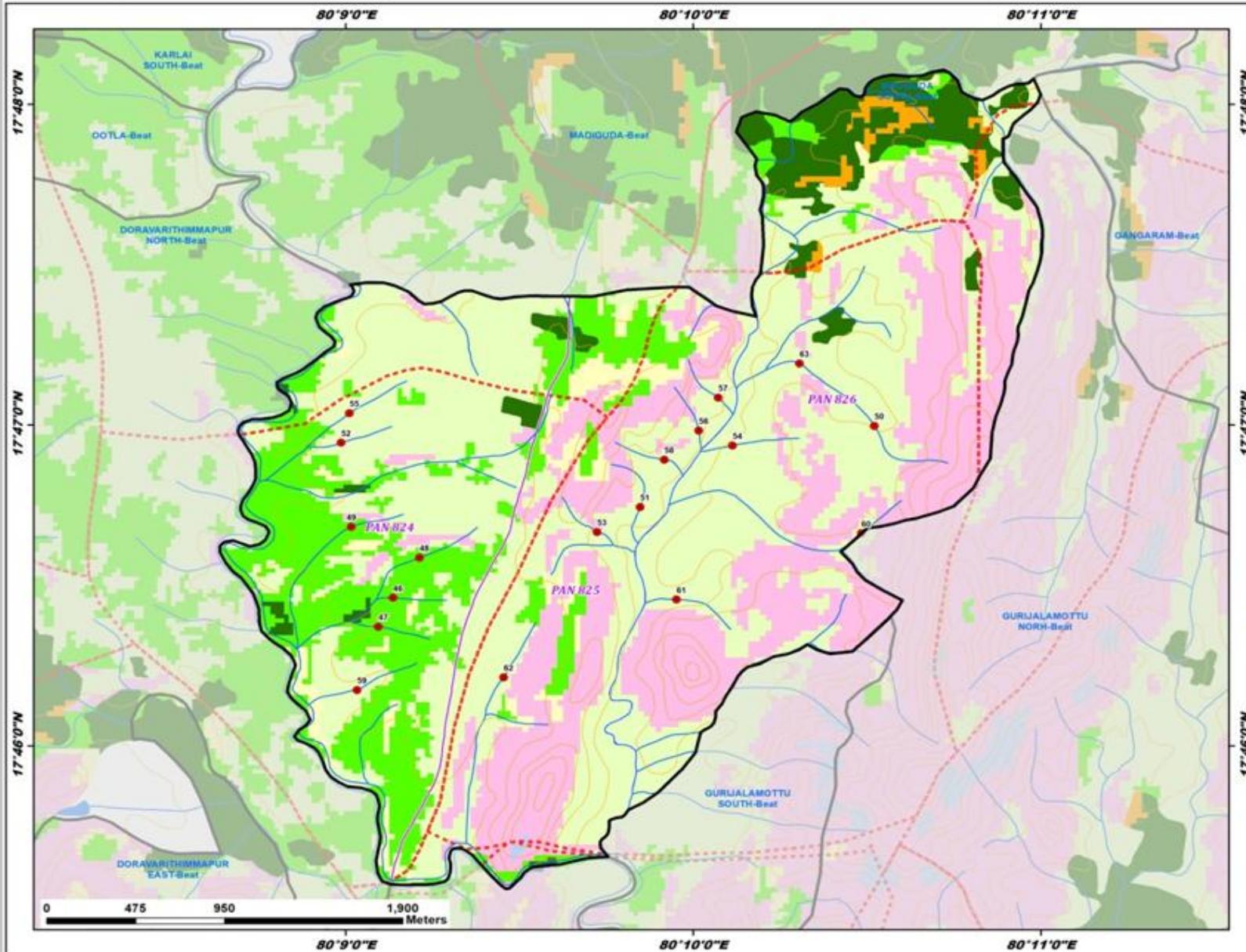
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Madguda South Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
46	17.774361	80.152266	9.48	II
47	17.772861	80.151562	7.68	II
48	17.776443	80.151541	23.38	II
49	17.778055	80.150271	10.66	II
50	17.783295	80.175349	21.58	IV
51	17.779077	80.164113	7.66	IV
52	17.782416	80.149786	7.35	IV
53	17.777776	80.162058	10.80	IV
54	17.782270	80.168550	13.78	IV
55	17.783953	80.150182	15.99	IV
56	17.783051	80.166924	7.53	IV
57	17.784763	80.167867	6.02	IV
58	17.781534	80.165284	11.45	IV
59	17.769573	80.150550	14.01	IV
60	17.777709	80.174730	22.95	IV
61	17.774271	80.165855	17.48	IV
62	17.770228	80.157576	22.25	IV
63	17.786539	80.171765	52.82	V

## Legend

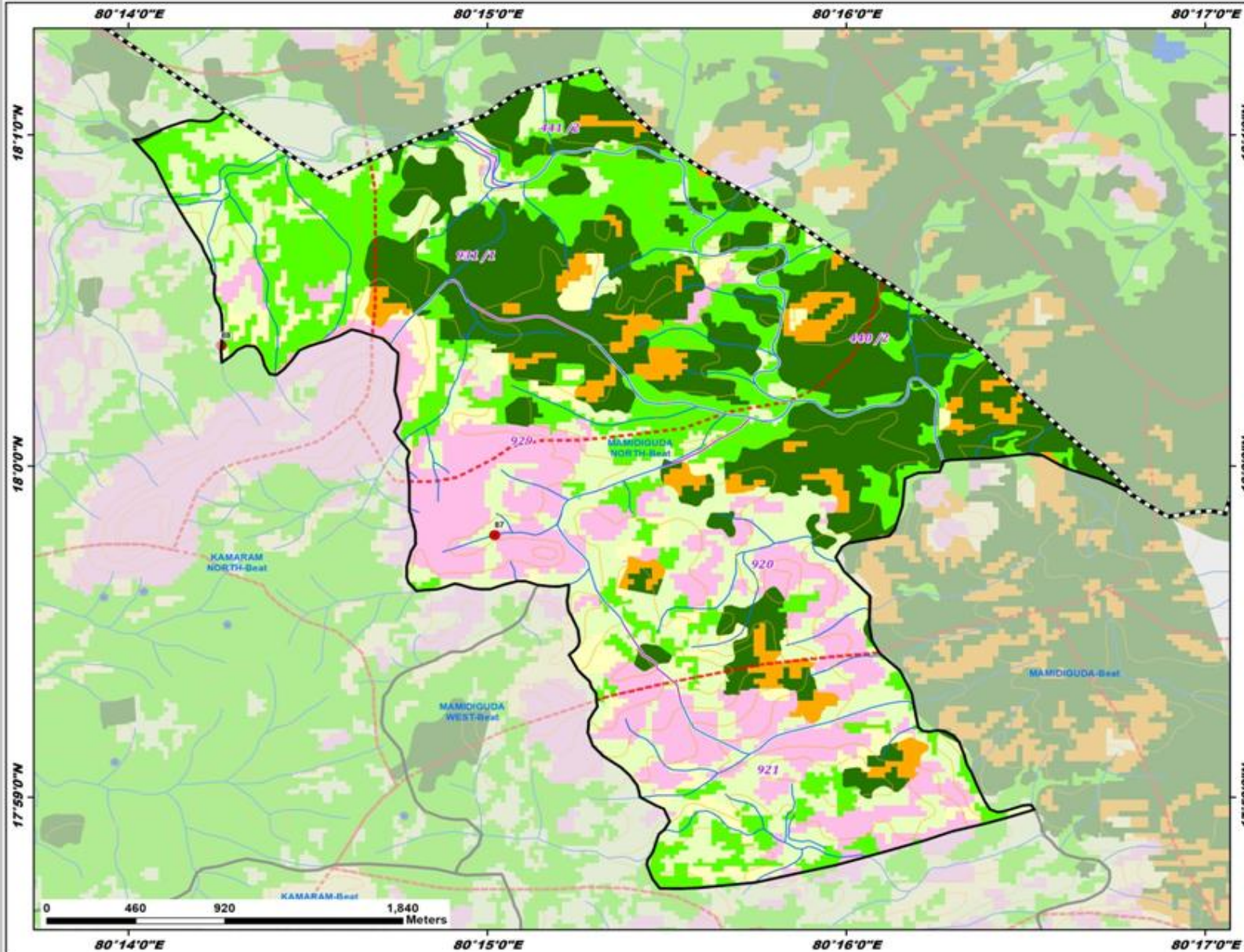
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - - - Watershed Boundary
  - - - Compartment Boundary
  - ▭ Beat Boundary
  - - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable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



# Map Showing Suitability index for Construction of SMC Works of Mamidiguda North Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
87	17.996516	80.250337	8.24	IV
88	18.006057	80.237633	11.60	IV

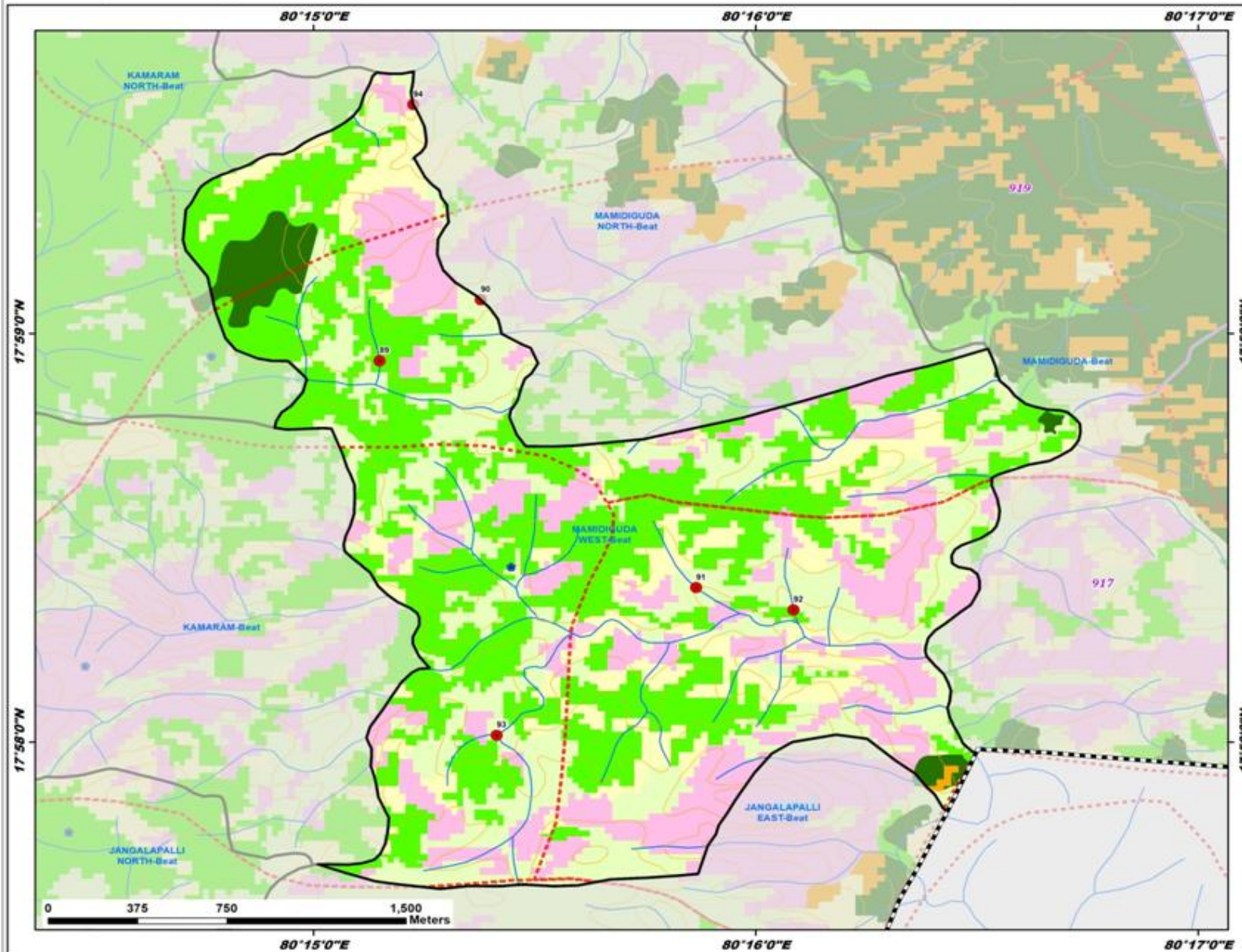
### Legend

- 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 Mamidiguda West Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
89	17.982223	80.252485	17.28	II
90	17.984716	80.256307	8.66	IV
91	17.972962	80.264411	18.02	IV
92	17.972057	80.268081	11.19	IV
93	17.966937	80.256906	47.93	V
94	17.992675	80.253764	25.33	V

**Legend**

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

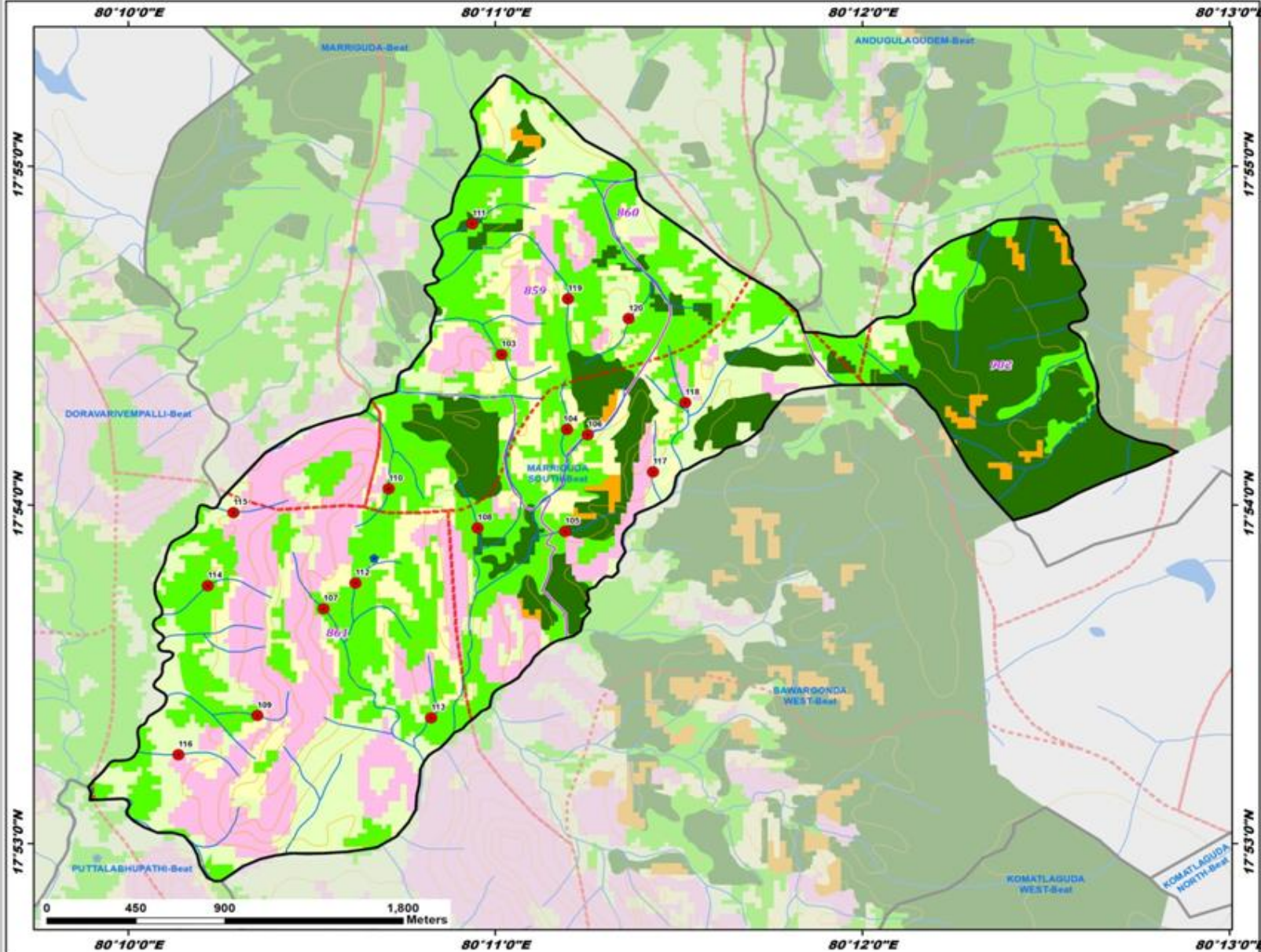
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Marriguda South Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
103	17.907401	80.183612	6.92	II
104	17.903713	80.186590	6.68	II
105	17.898696	80.186493	5.98	II
106	17.903450	80.187525	8.01	II
107	17.894889	80.175527	7.58	II
108	17.898869	80.182528	11.13	II
109	17.889630	80.172518	5.74	II
110	17.900792	80.178482	17.78	II
111	17.913824	80.182285	7.82	II
112	17.896153	80.176977	12.73	II
113	17.889519	80.180423	5.28	II
114	17.896024	80.170269	11.97	II
115	17.899626	80.171437	6.80	IV
116	17.887703	80.168940	7.13	IV
117	17.901620	80.190493	4.71	IV
118	17.905030	80.191956	6.27	IV
119	17.910138	80.186623	5.40	IV
120	17.909162	80.189392	9.13	IV

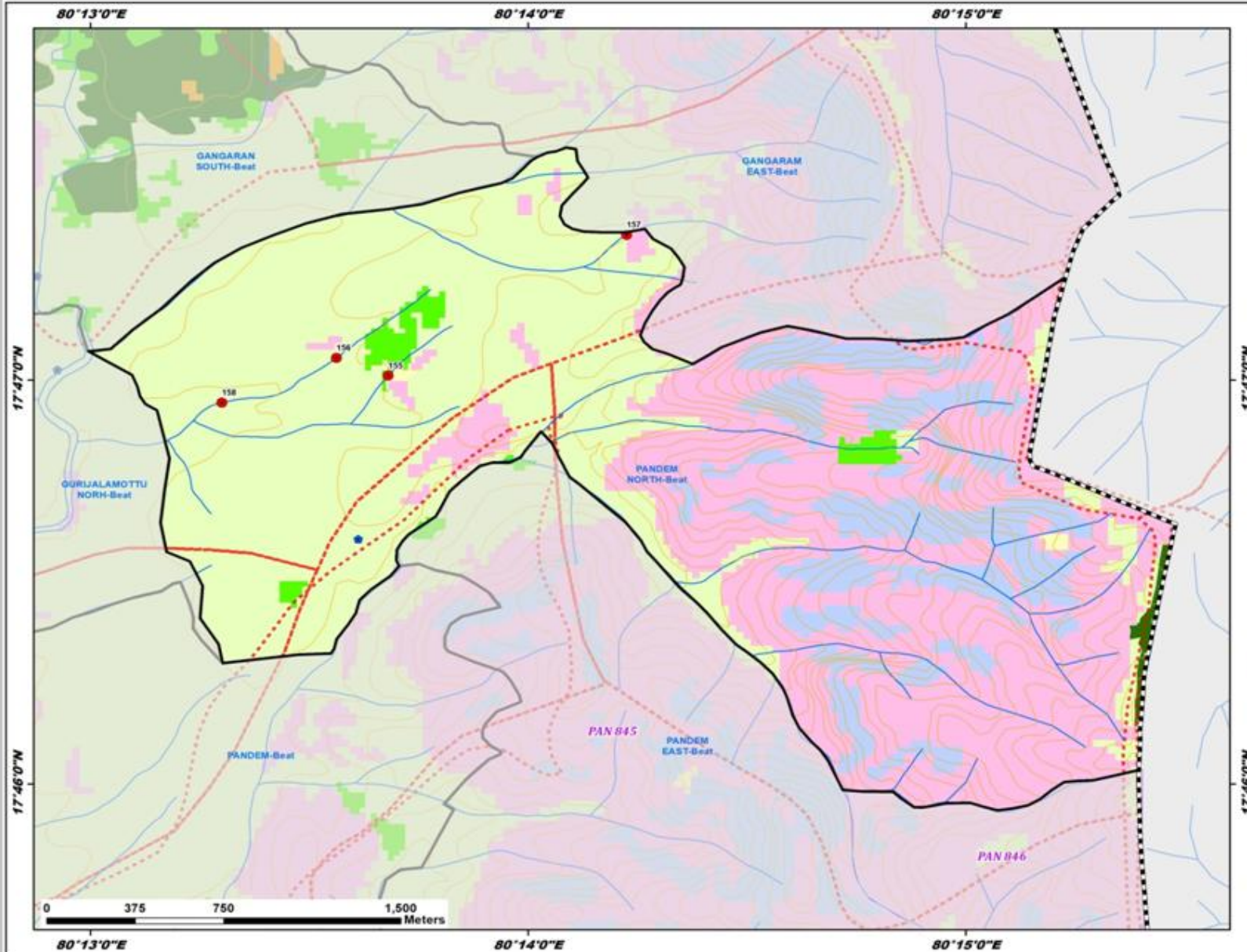
### Legend

- 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 Pandem North Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
155	17.783510	80.228001	19.16	II
156	17.784243	80.226027	15.73	IV
157	17.789326	80.237082	33.68	V
158	17.782401	80.221670	31.51	V

### Legend

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

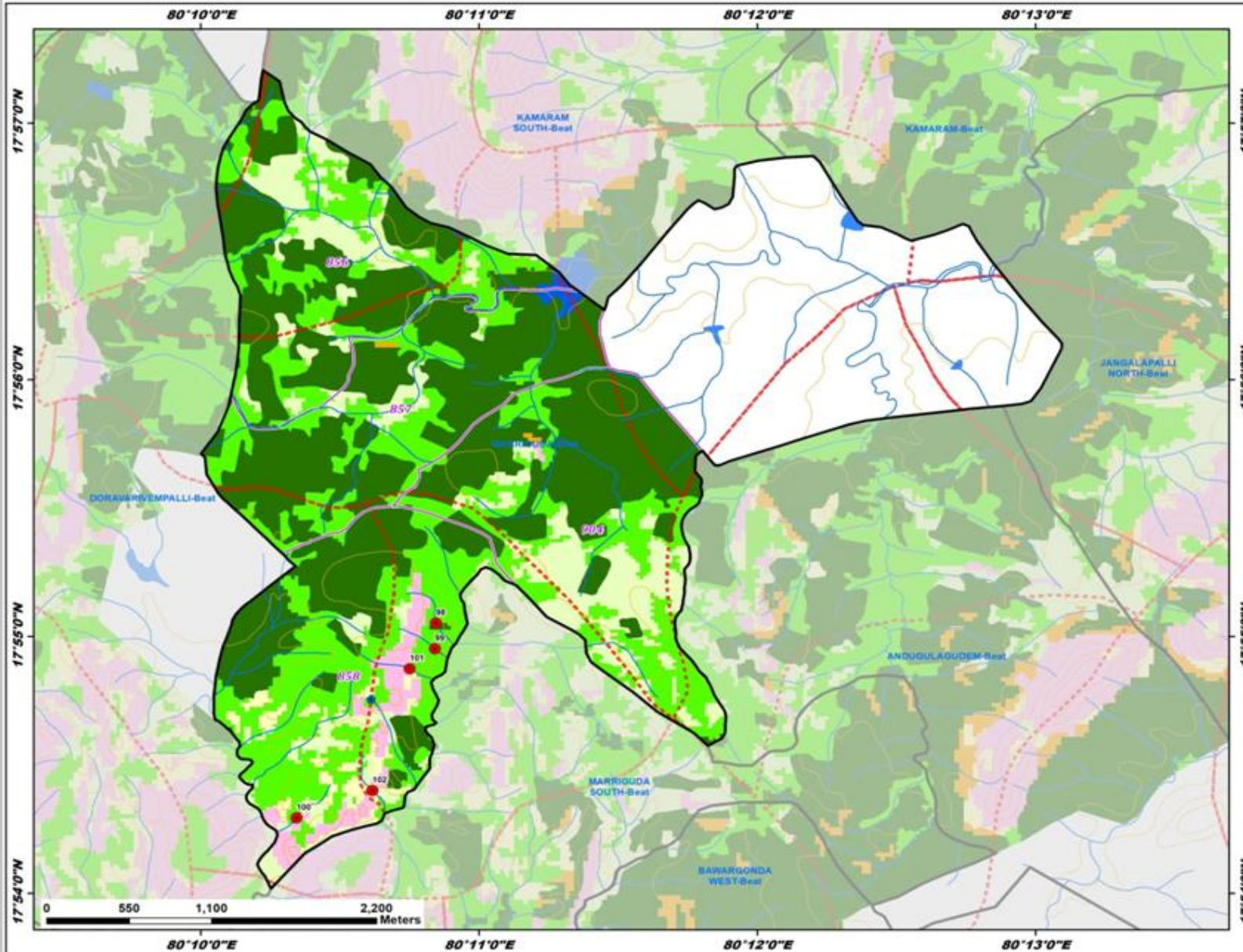
### Suitability Index

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

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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
98	17.917532	80.180751	9.36	I
99	17.915873	80.180686	5.63	II
100	17.904891	80.172398	9.65	II
101	17.914567	80.179174	9.08	II
102	17.906672	80.176951	6.12	IV

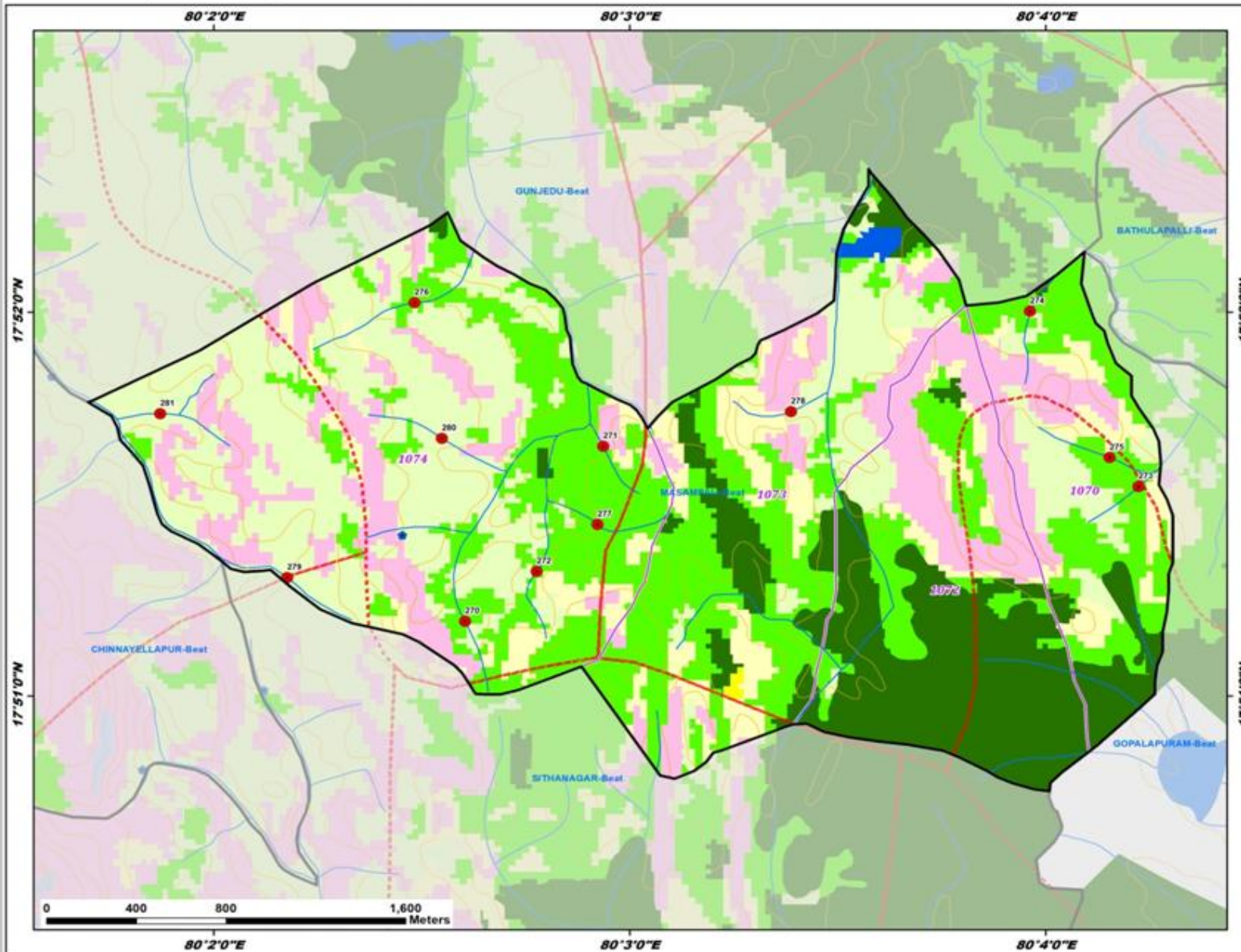
## Legend

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

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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
270	17.853240	80.043402	23.09	II
271	17.860838	80.048941	10.52	II
272	17.855404	80.046276	11.14	II
273	17.859099	80.070389	23.73	II
274	17.866710	80.066042	16.37	II
275	17.860349	80.069227	19.33	II
276	17.867070	80.041376	25.09	III
277	17.857453	80.048711	30.28	III
278	17.862349	80.056461	16.26	IV
279	17.855142	80.036273	10.12	IV
280	17.861181	80.042479	7.60	IV
281	17.862257	80.031194	35.76	V

## Legend

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

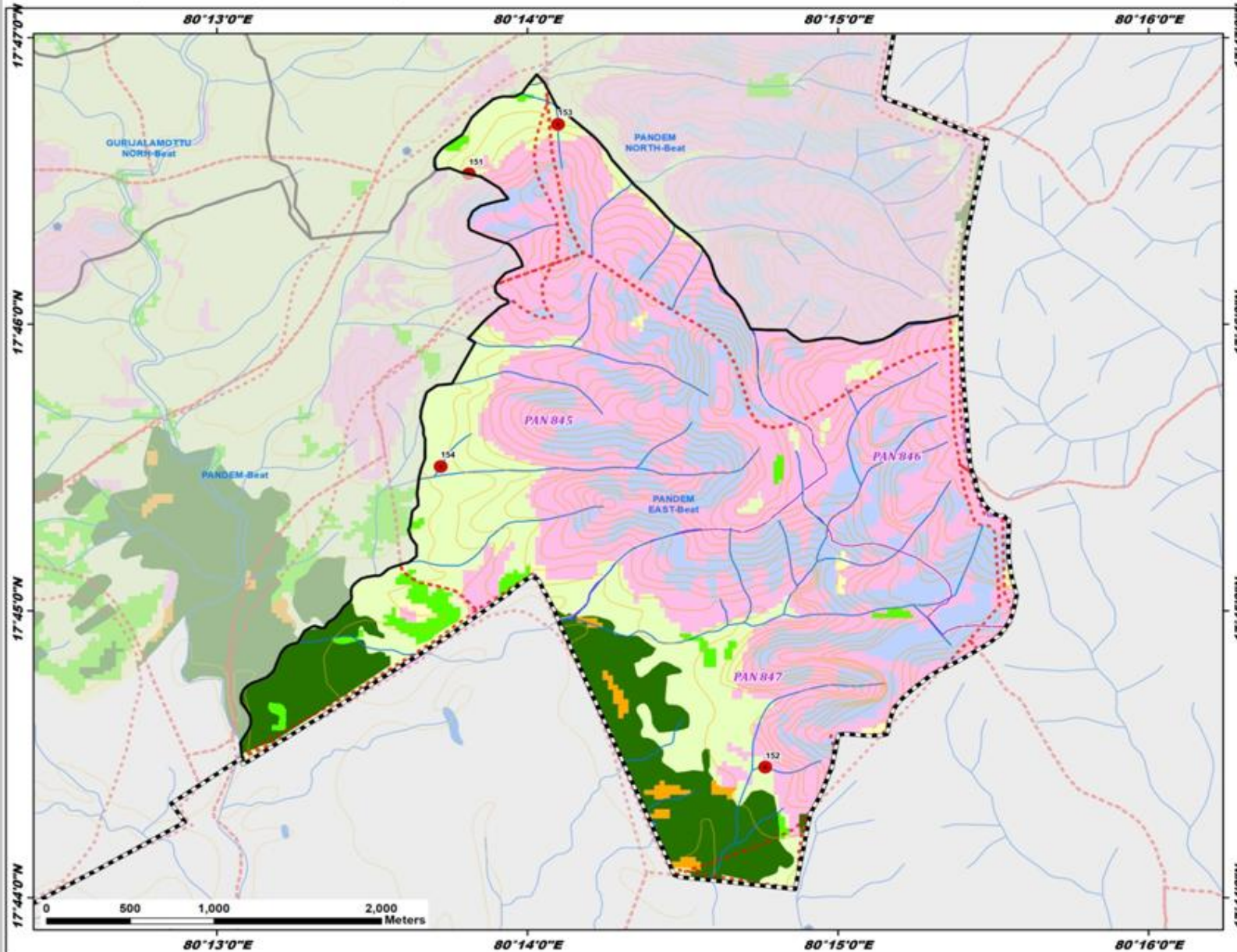
## Suitability Index

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

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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
151	17.775427	80.230185	6.31	IV
152	17.740909	80.246098	11.30	IV
153	17.778297	80.234980	5.52	IV
154	17.758399	80.228675	14.62	IV

## Legend

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

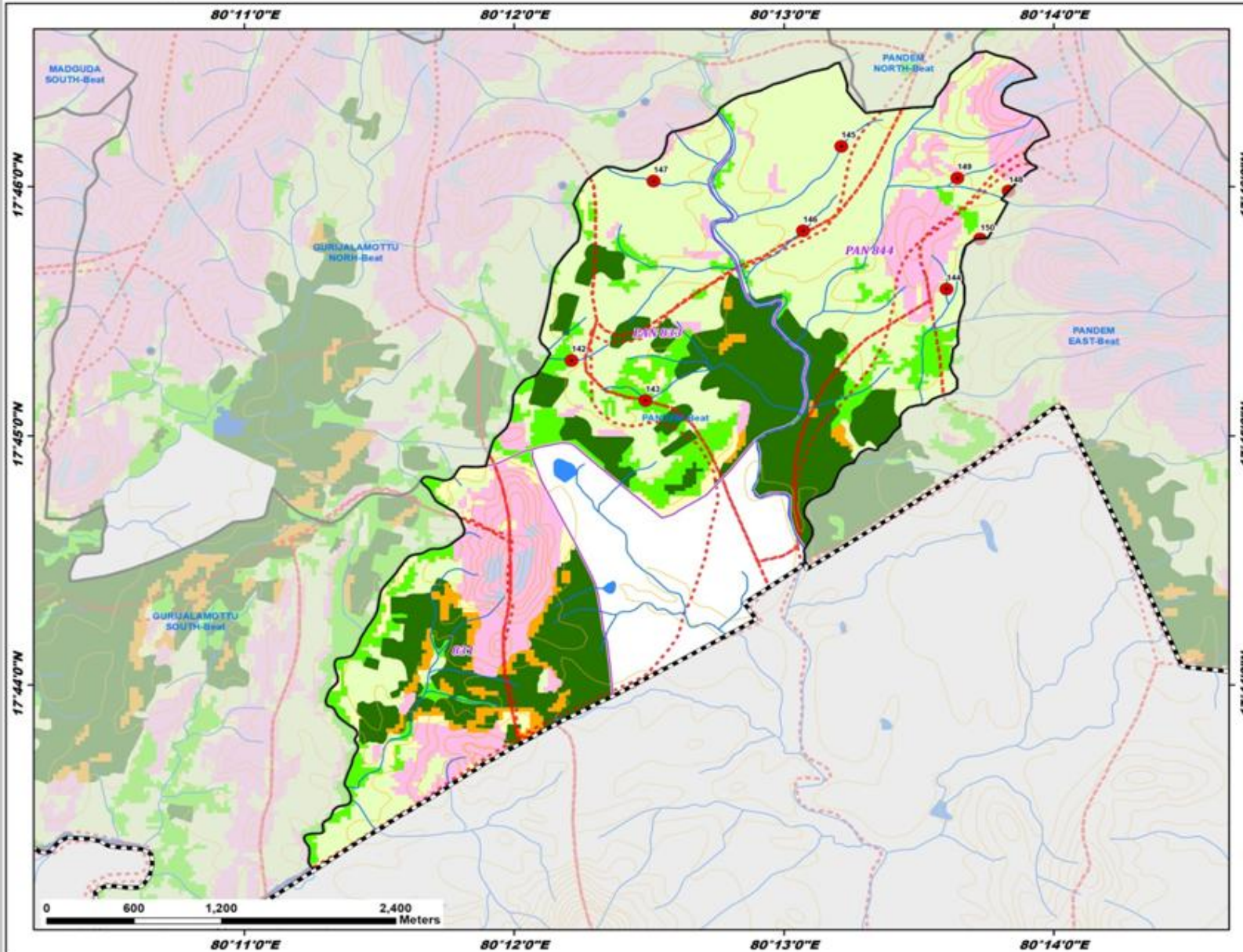
## Suitability Index

- 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 Pandem Beat



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
142	17.755048	80.203555	8.63	II
143	17.752361	80.208118	10.52	II
144	17.759829	80.226704	5.83	IV
145	17.769370	80.220215	21.51	IV
146	17.763727	80.217842	17.35	IV
147	17.767041	80.208612	24.19	IV
148	17.766385	80.230549	7.81	IV
149	17.767246	80.227378	6.82	IV
150	17.763171	80.228796	26.36	V

## Legend

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

## Suitability Index

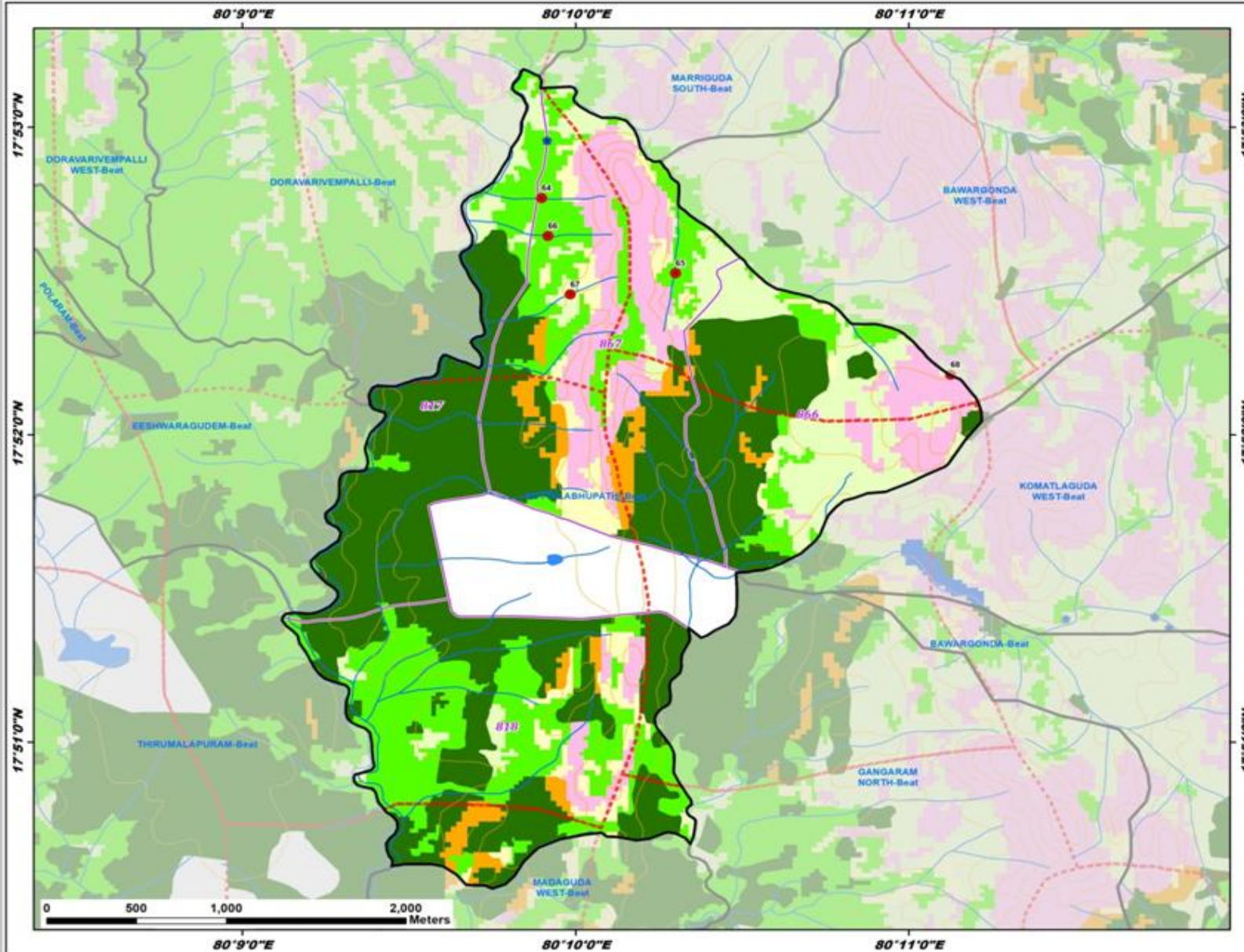
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPts - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Gangaram



ID	Latitude	Longitude	Catchment Area_ha	Priority
64	17.879492	80.164960	8.46	II
65	17.875418	80.171666	14.27	II
66	17.877435	80.165273	11.73	II
67	17.874270	80.166385	5.57	IV
68	17.869919	80.185411	32.00	V

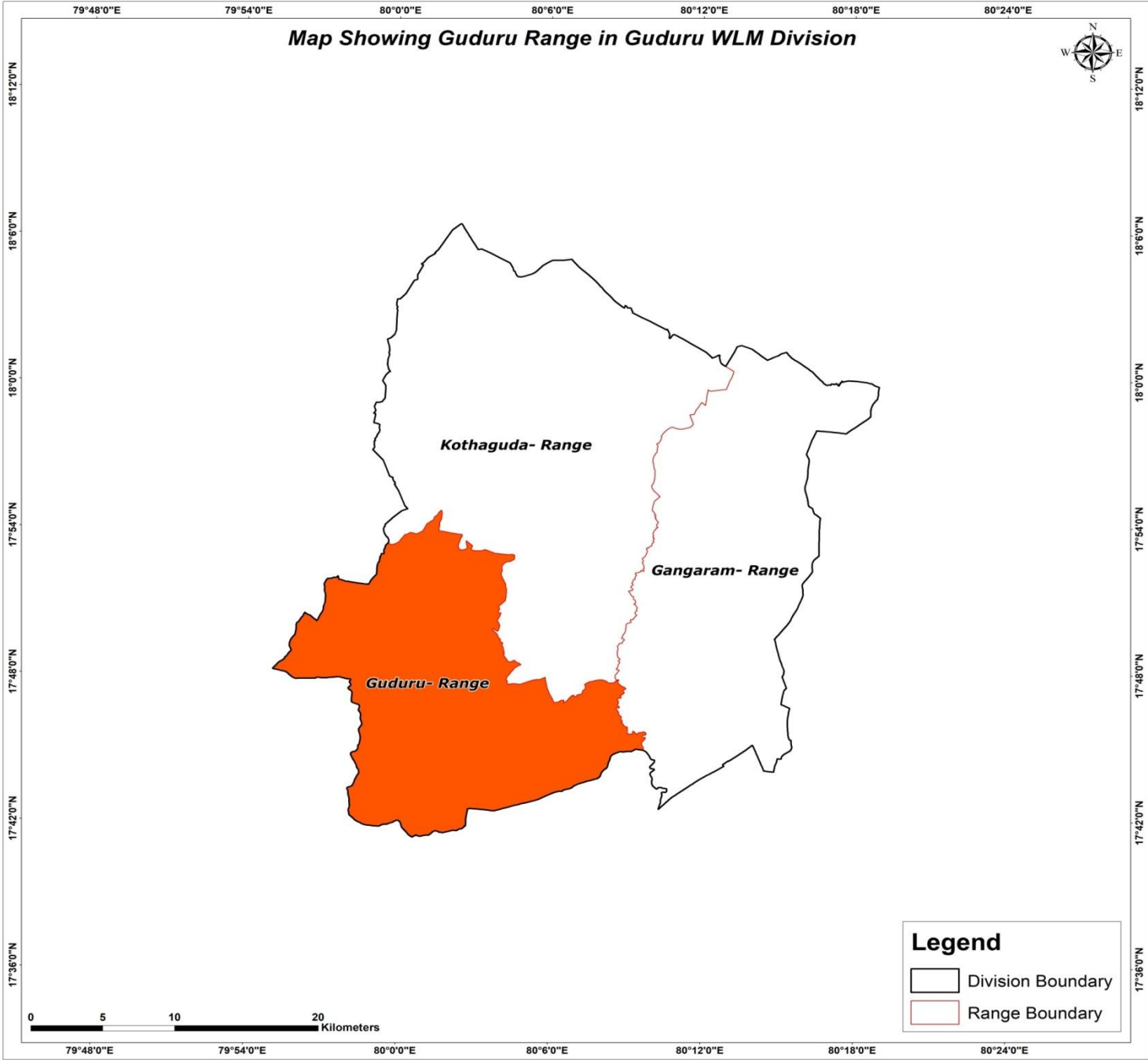
**Legend**

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

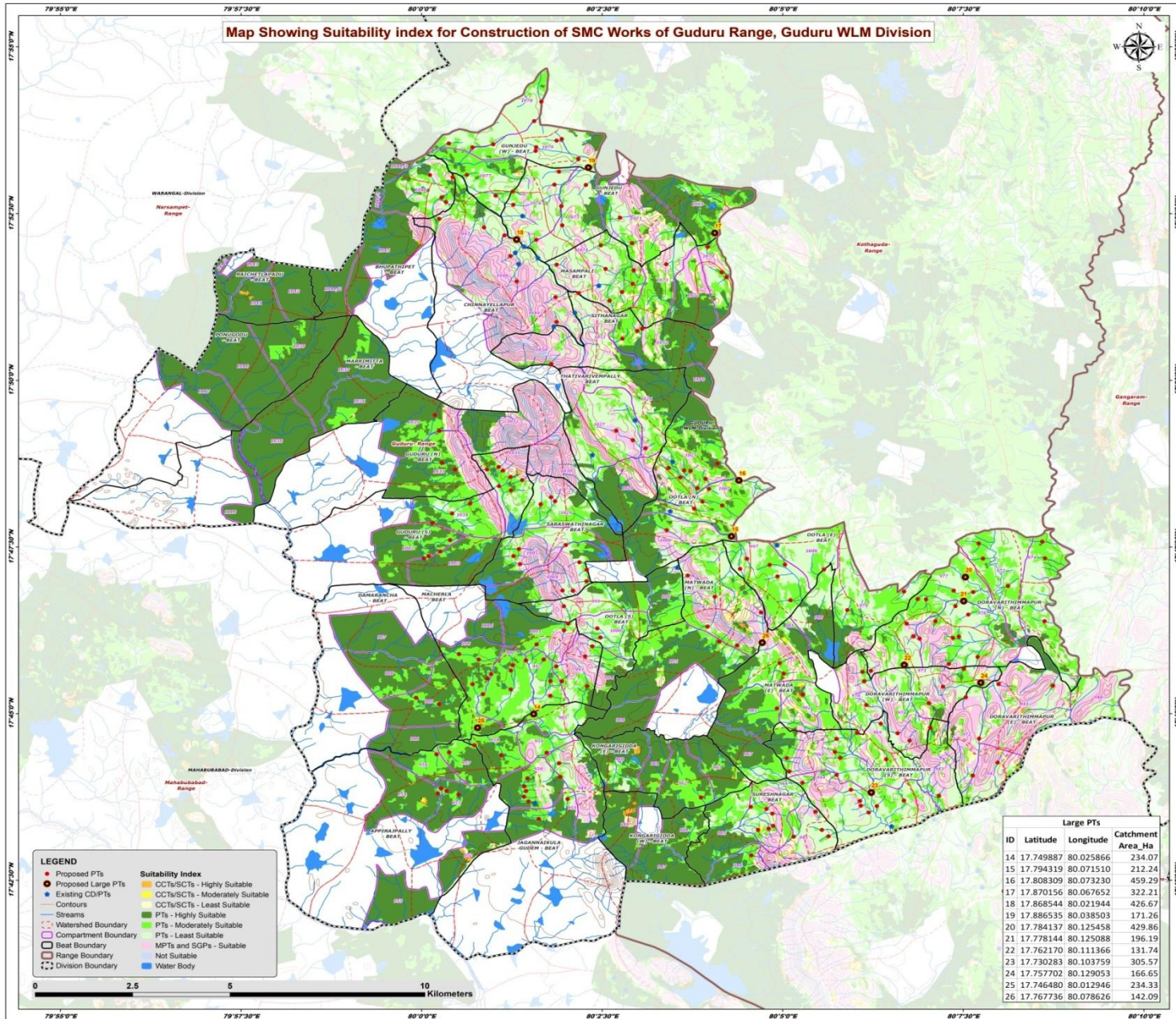
**Suitability Index**

- 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 Guduru Range in Guduru WLM Division



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



**LEGEND**

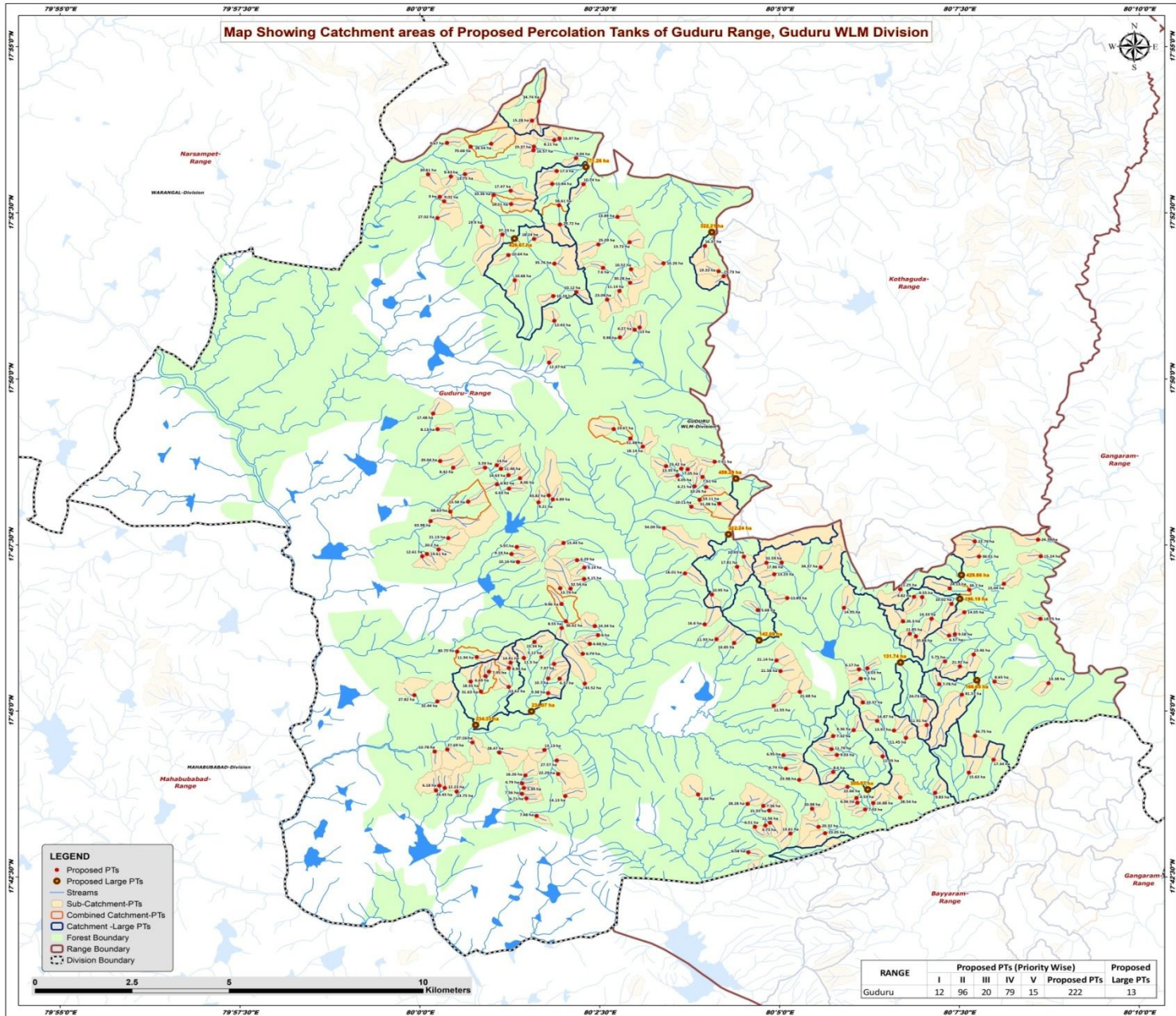
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

**Suitability Index**

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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
14	17.749887	80.025866	234.07
15	17.794319	80.071510	212.24
16	17.808309	80.073230	459.29
17	17.870156	80.067652	322.21
18	17.868544	80.021944	426.67
19	17.886535	80.038503	171.26
20	17.784137	80.125458	429.86
21	17.778144	80.125088	196.19
22	17.762170	80.111366	131.74
23	17.730283	80.103759	305.57
24	17.757702	80.129053	166.65
25	17.746480	80.012946	234.33
26	17.767736	80.078626	142.09

Map Showing Catchment areas of Proposed Percolation Tanks of Guduru Range, Guduru WLM Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Guduru	12	96	20	79	15	222
						13

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

S. No.	Beat	Proposed PT's
1	APPIRAJPALLY	6
2	BHUPATHIPET	4
3	CHINNAYELLAPUR	7
4	DAMARANCHA	2
5	DORAVARITHIMMAPUR EAST	6
6	DORAVARITHIMMAPUR NORTH	21
7	DORAVARITHIMMAPUR SOUTH	17
8	DORAVARITHIMMAPUR WEST	9
9	GUDURU NORTH	4
10	GUDURU SOUTH	14
11	GUNJEDU	10
12	GUNJEDU WEST	12
13	JAGANNAIKULA GUEM	12
14	KONGARIGIDDA EAST	1
15	MACHERLA	21
16	MASAMPALI	12
17	MATWADA EAST	5
18	MATWADA NORTH	6
19	OOTLA EAST	8
20	OOTLA NORTH	12
21	OOTLA SOUTH	3
22	SARASWATHINAGAR	12
23	SITHANAGAR	4
24	SURESHNAGAR	11
25	TATIVARIPELLI	3
	<b>Total</b>	<b>222</b>

## List of Proposed PTs – Guduru 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
159	17.731233	80.004543	6.18	II	APPIRAJPALLY	199	17.790518	80.004350	20.20	II	GUDURU SOUTH	239	17.787846	80.036439	6.29	IV	SARASWATHINAGAR
160	17.729776	80.008547	23.75	II	APPIRAJPALLY	200	17.811047	80.015108	5.59	II	GUDURU SOUTH	240	17.803101	80.030806	6.89	IV	SARASWATHINAGAR
161	17.730042	80.003741	24.45	II	APPIRAJPALLY	201	17.805802	80.020653	6.63	II	GUDURU SOUTH	241	17.787387	80.022745	10.16	IV	SARASWATHINAGAR
162	17.730667	80.005786	12.23	II	APPIRAJPALLY	202	17.793368	80.006610	21.13	II	GUDURU SOUTH	242	17.780797	80.032525	13.79	IV	SARASWATHINAGAR
163	17.739804	80.003462	12.78	II	APPIRAJPALLY	203	17.789392	80.001668	14.61	II	GUDURU SOUTH	243	17.804088	80.029873	43.82	V	SARASWATHINAGAR
164	17.740321	80.006381	27.69	III	APPIRAJPALLY	204	17.797647	80.002488	63.98	III	GUDURU SOUTH	244	17.780691	80.034923	32.54	V	SARASWATHINAGAR
165	17.728045	80.024698	6.71	I	JAGANNAIKULA GUDEM	205	17.811660	80.017835	14.00	IV	GUDURU SOUTH	245	17.820736	80.044914	23.67	IV	TATIVARIPELLI
166	17.734193	80.032046	22.29	I	JAGANNAIKULA GUDEM	206	17.810776	80.018798	11.46	IV	GUDURU SOUTH	246	17.816327	80.051672	18.14	IV	TATIVARIPELLI
167	17.729219	80.023645	7.56	II	JAGANNAIKULA GUDEM	207	17.806884	80.017895	6.82	IV	GUDURU SOUTH	247	17.818366	80.048785	51.48	V	TATIVARIPELLI
168	17.728638	80.033694	14.13	II	JAGANNAIKULA GUDEM	208	17.808403	80.023216	8.06	IV	GUDURU SOUTH	248	17.867621	80.048614	13.72	II	GUNJEDU
169	17.731825	80.023717	4.79	II	JAGANNAIKULA GUDEM	209	17.800045	80.007055	68.63	IV	GUDURU SOUTH	249	17.880540	80.021056	17.47	II	GUNJEDU
170	17.733822	80.024453	16.26	II	JAGANNAIKULA GUDEM	210	17.780527	80.111337	21.25	II	OOTLA EAST	250	17.882188	80.037932	10.74	IV	GUNJEDU
171	17.730634	80.024119	5.34	II	JAGANNAIKULA GUDEM	211	17.787194	80.080341	17.86	II	OOTLA EAST	251	17.882273	80.030686	11.84	IV	GUNJEDU
172	17.740199	80.028869	13.13	II	JAGANNAIKULA GUDEM	212	17.778319	80.085119	11.89	II	OOTLA EAST	252	17.885483	80.031688	17.30	IV	GUNJEDU
173	17.723655	80.027058	7.48	II	JAGANNAIKULA GUDEM	213	17.787247	80.083840	32.59	III	OOTLA EAST	253	17.877223	80.021166	18.21	IV	GUNJEDU
174	17.737553	80.031743	27.57	III	JAGANNAIKULA GUDEM	214	17.788718	80.075072	10.43	IV	OOTLA EAST	254	17.873992	80.045818	13.89	IV	GUNJEDU
175	17.742102	80.012209	27.16	III	JAGANNAIKULA GUDEM	215	17.775862	80.098260	14.95	IV	OOTLA EAST	255	17.868452	80.026480	18.24	IV	GUNJEDU
176	17.739545	80.018436	28.47	III	JAGANNAIKULA GUDEM	216	17.786192	80.073513	17.81	IV	OOTLA EAST	256	17.872063	80.032470	29.72	V	GUNJEDU
177	17.879021	80.004636	9.00	II	BHUPATHIPET	217	17.784295	80.082140	13.23	IV	OOTLA EAST	257	17.876903	80.032237	58.61	V	GUNJEDU
178	17.884114	80.007212	9.43	II	BHUPATHIPET	218	17.812525	80.068315	7.91	I	OOTLA NORTH	258	17.888708	80.036186	8.04	II	GUNJEDU WEST
179	17.877884	80.005632	9.02	II	BHUPATHIPET	219	17.810651	80.062041	7.05	II	OOTLA NORTH	259	17.884680	80.010461	13.75	II	GUNJEDU WEST
180	17.884675	80.001911	20.61	IV	BHUPATHIPET	220	17.806385	80.063651	6.21	II	OOTLA NORTH	260	17.892345	80.016542	28.54	III	GUNJEDU WEST
181	17.873696	80.004088	27.02	III	CHINNAYELLAPUR	221	17.809051	80.059690	8.05	II	OOTLA NORTH	261	17.893672	80.032363	13.37	IV	GUNJEDU WEST
182	17.847920	80.031146	12.43	IV	CHINNAYELLAPUR	222	17.808716	80.065495	7.61	II	OOTLA NORTH	262	17.890690	80.026320	16.57	IV	GUNJEDU WEST
183	17.864394	80.020536	10.64	IV	CHINNAYELLAPUR	223	17.801271	80.062919	10.11	II	OOTLA NORTH	263	17.892542	80.006282	9.67	IV	GUNJEDU WEST
184	17.871540	80.014433	19.90	IV	CHINNAYELLAPUR	224	17.810809	80.060607	23.42	II	OOTLA NORTH	264	17.891626	80.026442	19.37	IV	GUNJEDU WEST
185	17.858090	80.021981	10.68	IV	CHINNAYELLAPUR	225	17.811413	80.057035	13.35	II	OOTLA NORTH	265	17.893245	80.031165	8.11	IV	GUNJEDU WEST
186	17.854120	80.030935	10.24	IV	CHINNAYELLAPUR	226	17.802017	80.069381	31.08	III	OOTLA NORTH	266	17.898132	80.025994	15.28	IV	GUNJEDU WEST
187	17.869548	80.019148	37.23	V	CHINNAYELLAPUR	227	17.795876	80.056569	54.09	IV	OOTLA NORTH	267	17.902986	80.027633	34.74	V	GUNJEDU WEST
188	17.843739	80.046346	9.98	II	SITHANAGAR	228	17.806159	80.066345	10.26	IV	OOTLA NORTH	268	17.891617	80.011783	70.68	IV	GUNJEDU WEST
189	17.837394	80.029946	12.47	II	SITHANAGAR	229	17.803010	80.064810	53.11	IV	OOTLA NORTH	269	17.879508	80.017113	33.36	V	GUNJEDU WEST
190	17.846218	80.050914	13.00	II	SITHANAGAR	230	17.771319	80.040552	14.34	IV	OOTLA SOUTH	270	17.853240	80.043402	23.09	II	MASAMPALI
191	17.845659	80.049772	6.27	II	SITHANAGAR	231	17.769019	80.041307	6.00	IV	OOTLA SOUTH	271	17.860838	80.048941	10.52	II	MASAMPALI
192	17.811044	80.007738	8.42	I	GUDURU NORTH	232	17.776848	80.032836	9.96	IV	OOTLA SOUTH	272	17.855404	80.046276	11.14	II	MASAMPALI
193	17.824633	80.003076	17.48	I	GUDURU NORTH	233	17.802350	80.027496	9.21	II	SARASWATHINAGAR	273	17.859099	80.070389	23.73	II	MASAMPALI
194	17.812715	80.004731	20.04	I	GUDURU NORTH	234	17.785995	80.038123	8.14	II	SARASWATHINAGAR	274	17.866710	80.066042	16.37	II	MASAMPALI
195	17.820703	80.004124	8.13	I	GUDURU NORTH	235	17.791157	80.022465	5.97	II	SARASWATHINAGAR	275	17.860349	80.069227	19.33	II	MASAMPALI
196	17.788807	80.000591	12.61	I	GUDURU SOUTH	236	17.789385	80.021257	9.19	II	SARASWATHINAGAR	276	17.867070	80.041376	25.09	III	MASAMPALI
197	17.809177	80.020540	14.63	I	GUDURU SOUTH	237	17.783096	80.038072	6.15	II	SARASWATHINAGAR	277	17.857453	80.048711	30.28	III	MASAMPALI
198	17.802516	80.011188	13.58	II	GUDURU SOUTH	238	17.792157	80.033293	13.44	IV	SARASWATHINAGAR	278	17.862349	80.056461	16.26	IV	MASAMPALI

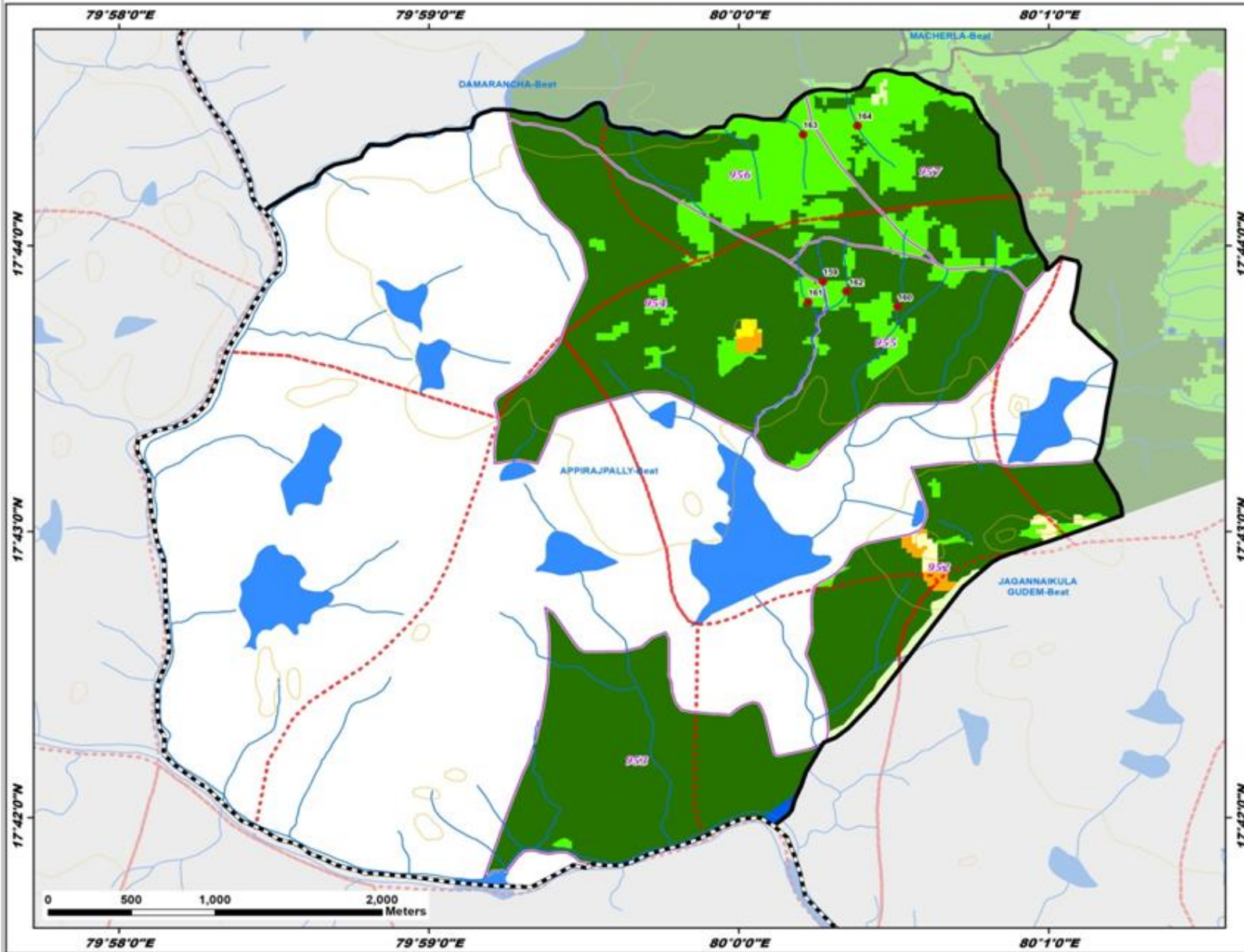
## List of Proposed PTs – Guduru Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
279	17.855142	80.036273	10.12	IV	MASAMPALI	319	17.747504	80.105977	14.87	IV	DORAVARITHIMMAPUR (S)	359	17.758090	80.032398	6.37	II	MACHERLA
280	17.861181	80.042479	7.60	IV	MASAMPALI	320	17.734661	80.095785	8.60	IV	DORAVARITHIMMAPUR (S)	360	17.763507	80.028200	5.12	II	MACHERLA
281	17.862257	80.031194	35.76	V	MASAMPALI	321	17.732706	80.087884	23.98	IV	DORAVARITHIMMAPUR (S)	361	17.762115	80.021041	14.91	II	MACHERLA
282	17.737765	80.132929	17.34	II	DORAVARITHIMMAPUR (E)	322	17.728175	80.101173	4.53	IV	DORAVARITHIMMAPUR (S)	362	17.760766	80.020621	8.99	II	MACHERLA
283	17.757364	80.133164	8.65	IV	DORAVARITHIMMAPUR (E)	323	17.743685	80.095769	7.32	IV	DORAVARITHIMMAPUR (S)	363	17.756845	80.038212	43.52	III	MACHERLA
284	17.734505	80.127202	15.63	IV	DORAVARITHIMMAPUR (E)	324	17.726878	80.105047	16.88	IV	DORAVARITHIMMAPUR (S)	364	17.761809	80.031109	7.97	IV	MACHERLA
285	17.756970	80.145650	13.38	IV	DORAVARITHIMMAPUR (E)	325	17.728286	80.111297	28.54	V	DORAVARITHIMMAPUR (S)	365	17.766813	80.039378	6.68	IV	MACHERLA
286	17.754085	80.125577	81.57	V	DORAVARITHIMMAPUR (E)	326	17.746469	80.117420	11.91	I	DORAVARITHIMMAPUR (W)	366	17.764351	80.037756	6.79	IV	MACHERLA
287	17.743766	80.128630	34.75	V	DORAVARITHIMMAPUR (E)	327	17.752599	80.117037	24.73	II	DORAVARITHIMMAPUR (W)	367	17.772507	80.033840	36.62	III	MACHERLA
288	17.768899	80.122625	6.57	II	DORAVARITHIMMAPUR (N)	328	17.758095	80.102134	9.20	II	DORAVARITHIMMAPUR (W)	368	17.754847	80.014160	31.63	III	MACHERLA
289	17.781890	80.135328	15.04	II	DORAVARITHIMMAPUR (N)	329	17.761159	80.125139	21.92	II	DORAVARITHIMMAPUR (W)	369	17.764869	80.008665	40.75	III	MACHERLA
290	17.762426	80.121662	5.75	II	DORAVARITHIMMAPUR (N)	330	17.760429	80.101733	6.17	II	DORAVARITHIMMAPUR (W)	370	17.754804	80.088044	21.68	I	MATWADA EAST
291	17.773128	80.118571	14.33	II	DORAVARITHIMMAPUR (N)	331	17.745083	80.109848	13.97	IV	DORAVARITHIMMAPUR (W)	371	17.762660	80.082648	21.14	II	MATWADA EAST
292	17.788806	80.143850	15.24	II	DORAVARITHIMMAPUR (N)	332	17.743245	80.112613	11.45	IV	DORAVARITHIMMAPUR (W)	372	17.751281	80.082020	11.55	II	MATWADA EAST
293	17.792980	80.143240	24.39	II	DORAVARITHIMMAPUR (N)	333	17.756728	80.120345	7.78	IV	DORAVARITHIMMAPUR (W)	373	17.760014	80.083564	21.58	II	MATWADA EAST
294	17.780759	80.122785	24.13	II	DORAVARITHIMMAPUR (N)	334	17.752157	80.102639	10.37	IV	DORAVARITHIMMAPUR (W)	374	17.786049	80.092871	34.37	V	MATWADA EAST
295	17.792540	80.128563	22.76	II	DORAVARITHIMMAPUR (N)	335	17.729033	80.064493	26.66	III	KONGARIGIDDA (E)	375	17.771750	80.065995	16.60	II	MATWADA (N)
296	17.778564	80.116394	9.55	II	DORAVARITHIMMAPUR (N)	336	17.720901	80.077652	6.51	II	SURESHNAGAR	376	17.767051	80.072807	10.85	II	MATWADA (N)
297	17.769245	80.123974	9.58	II	DORAVARITHIMMAPUR (N)	337	17.714550	80.076101	6.58	II	SURESHNAGAR	377	17.767992	80.068735	11.93	II	MATWADA (N)
298	17.764155	80.128326	13.46	II	DORAVARITHIMMAPUR (N)	338	17.721949	80.081137	11.56	IV	SURESHNAGAR	378	17.784533	80.061427	16.01	IV	MATWADA (N)
299	17.778640	80.114516	9.82	II	DORAVARITHIMMAPUR (N)	339	17.724997	80.080967	15.55	IV	SURESHNAGAR	379	17.779208	80.067687	10.95	IV	MATWADA (N)
300	17.769347	80.113499	11.85	II	DORAVARITHIMMAPUR (N)	340	17.720903	80.092390	20.32	IV	SURESHNAGAR	380	17.775301	80.078325	5.68	IV	MATWADA (N)
301	17.788765	80.129547	36.01	III	DORAVARITHIMMAPUR (N)	341	17.719227	80.085878	13.61	IV	SURESHNAGAR						
302	17.760673	80.103692	6.03	IV	DORAVARITHIMMAPUR (N)	342	17.726162	80.079574	7.36	IV	SURESHNAGAR						
303	17.773105	80.143773	14.75	IV	DORAVARITHIMMAPUR (N)	343	17.725448	80.090906	20.98	IV	SURESHNAGAR						
304	17.776877	80.123179	10.02	IV	DORAVARITHIMMAPUR (N)	344	17.719306	80.093891	23.05	IV	SURESHNAGAR						
305	17.768747	80.114926	20.88	IV	DORAVARITHIMMAPUR (N)	345	17.721244	80.080072	4.75	IV	SURESHNAGAR						
306	17.774763	80.126166	14.05	IV	DORAVARITHIMMAPUR (N)	346	17.726668	80.075956	28.28	V	SURESHNAGAR						
307	17.772509	80.111929	26.30	V	DORAVARITHIMMAPUR (N)	347	17.753940	79.998737	27.82	III	DAMARANCHA						
308	17.780382	80.127306	39.70	III	DORAVARITHIMMAPUR (N)	348	17.752371	80.004061	32.44	III	DAMARANCHA						
309	17.738873	80.084278	6.95	II	DORAVARITHIMMAPUR (S)	349	17.758730	80.015206	6.69	I	MACHERLA						
310	17.738958	80.096631	9.03	II	DORAVARITHIMMAPUR (S)	350	17.756033	80.020586	13.62	II	MACHERLA						
311	17.740415	80.095382	11.79	II	DORAVARITHIMMAPUR (S)	351	17.767313	80.026567	15.34	II	MACHERLA						
312	17.738589	80.107213	11.03	II	DORAVARITHIMMAPUR (S)	352	17.757360	80.011785	18.35	II	MACHERLA						
313	17.745184	80.100519	8.36	II	DORAVARITHIMMAPUR (S)	353	17.758142	80.029763	10.70	II	MACHERLA						
314	17.735531	80.084843	6.74	II	DORAVARITHIMMAPUR (S)	354	17.754456	80.029726	9.38	II	MACHERLA						
315	17.729452	80.119395	9.83	II	DORAVARITHIMMAPUR (S)	355	17.763295	80.024113	11.50	II	MACHERLA						
316	17.726956	80.101359	6.06	IV	DORAVARITHIMMAPUR (S)	356	17.759866	80.016060	7.95	II	MACHERLA						
317	17.730970	80.099083	22.66	IV	DORAVARITHIMMAPUR (S)	357	17.763498	80.013185	11.94	II	MACHERLA						
318	17.725273	80.103177	7.03	IV	DORAVARITHIMMAPUR (S)	358	17.770811	80.032863	8.55	II	MACHERLA						

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
159	17.731233	80.004543	6.18	II
160	17.729776	80.008547	23.75	II
161	17.730042	80.003741	24.45	II
162	17.730667	80.005786	12.23	II
163	17.739804	80.003462	12.78	II
164	17.740321	80.006381	27.69	III

**Legend**

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

**Suitability Index**

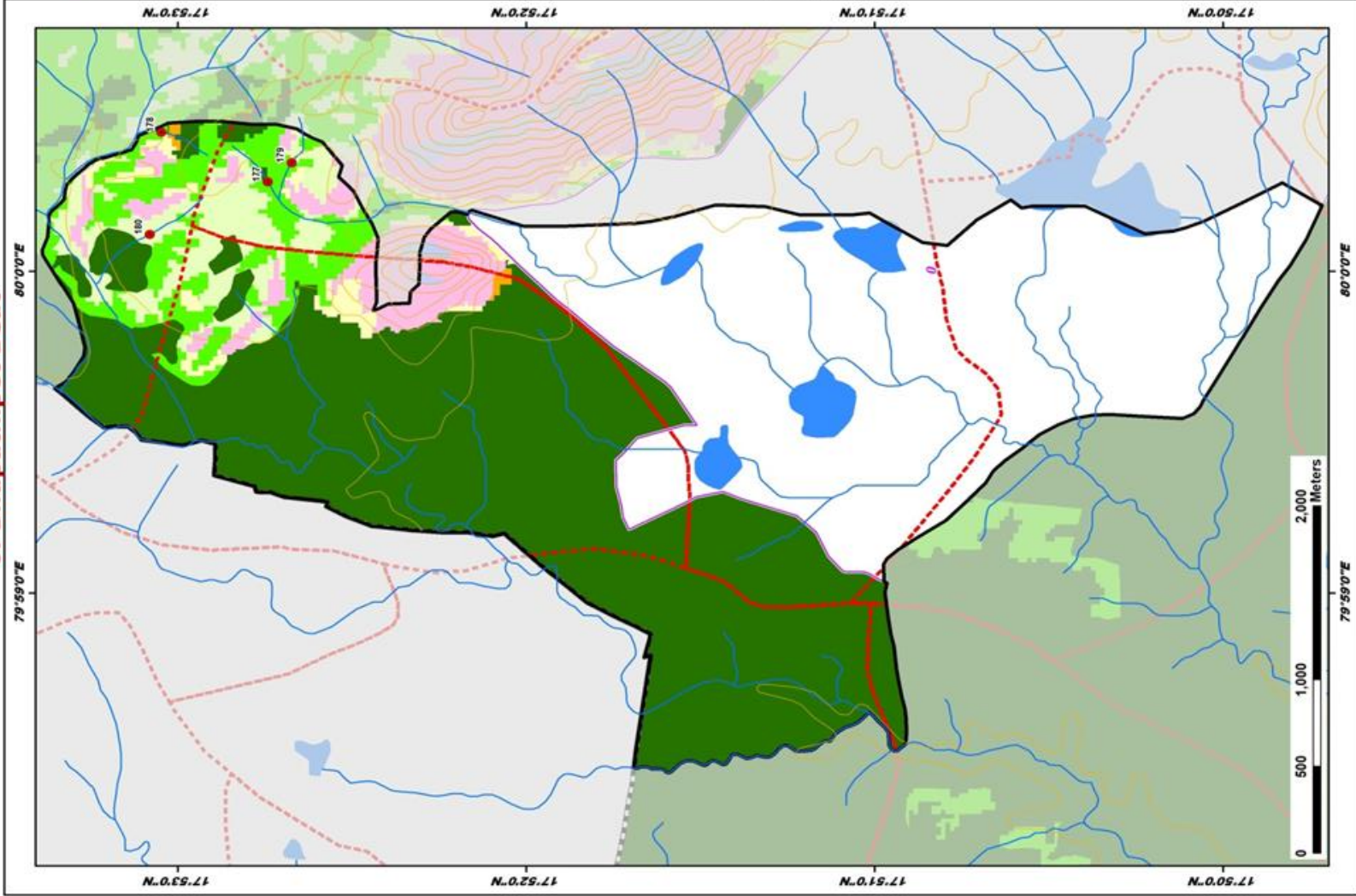
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area, ha	Priority
177	17.879021	80.004636	9.00	II
178	17.884114	80.007212	9.43	II
179	17.877884	80.005632	9.02	II
180	17.884675	80.001911	20.61	IV

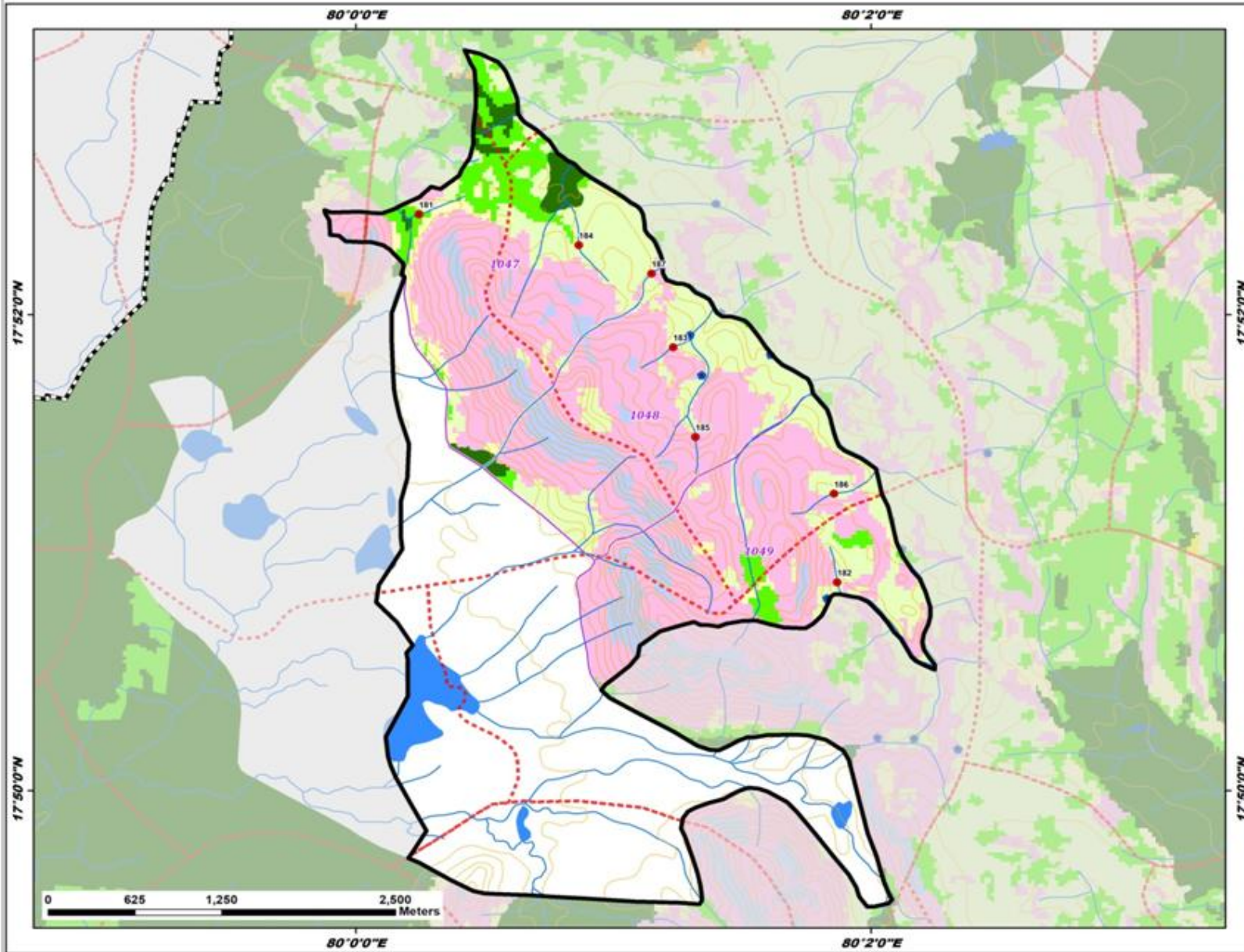
## LEGEND

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

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
181	17.873696	80.004088	27.02	III
182	17.847920	80.031146	12.43	IV
183	17.864394	80.020536	10.64	IV
184	17.871540	80.014433	19.90	IV
185	17.858090	80.021981	10.68	IV
186	17.854120	80.030935	10.24	IV
187	17.869548	80.019148	37.23	V

**Legend**

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

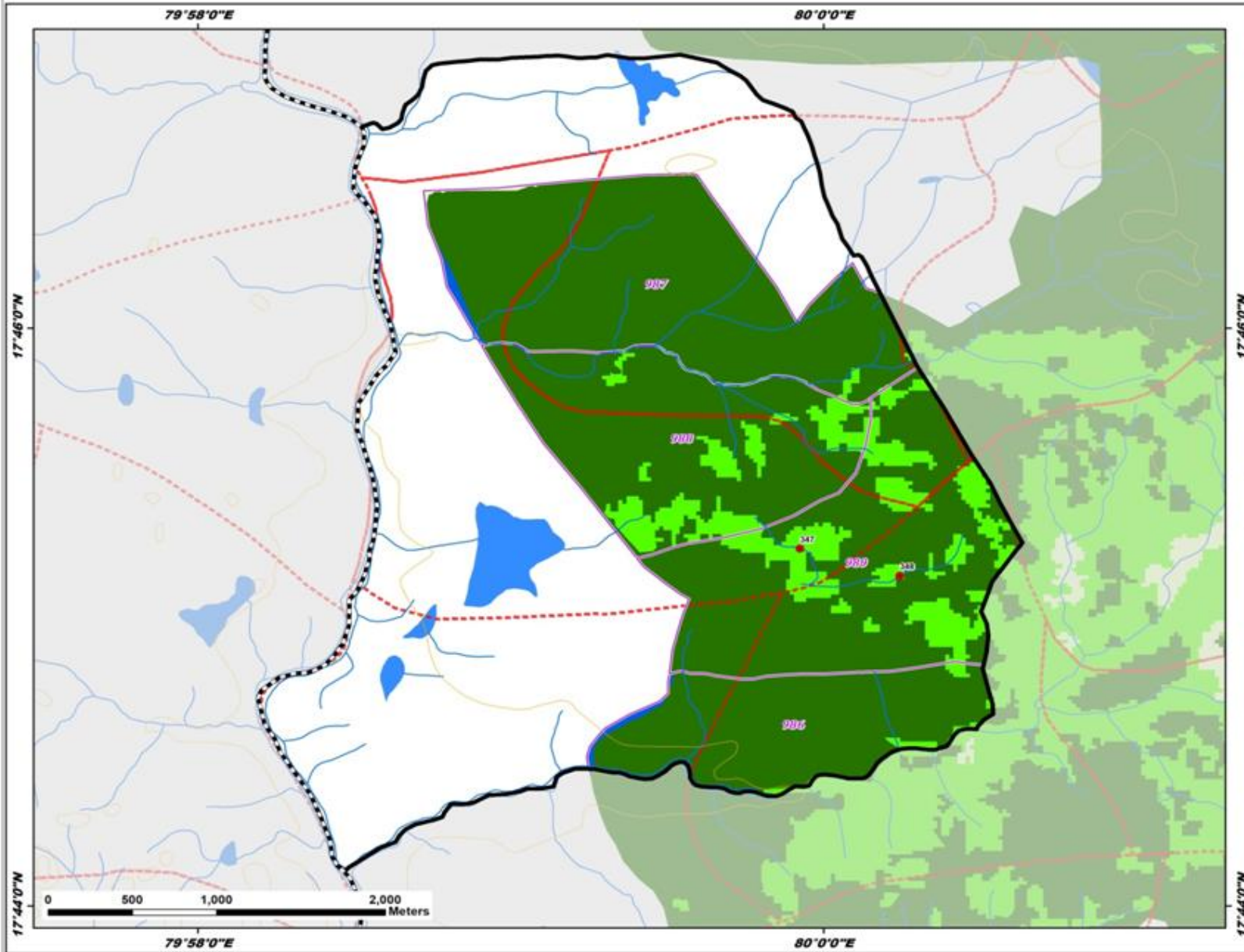
**Suitability Index**

- 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 Damarancha Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
347	17.753940	79.998737	27.82	III
348	17.752371	80.004061	32.44	III

**Legend**

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

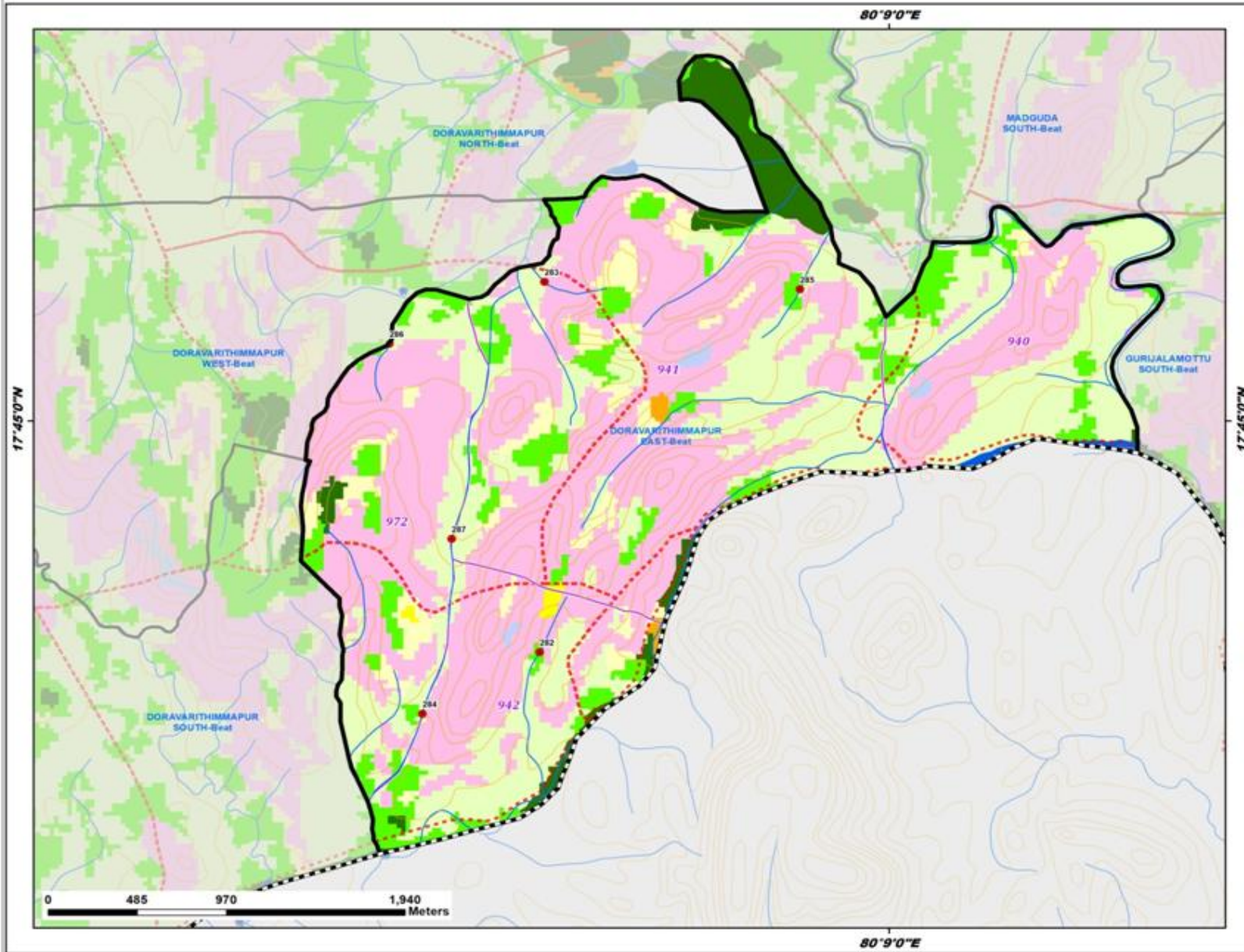
**Suitability Index**

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

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
282	17.737765	80.132929	17.34	II
283	17.757364	80.133164	8.65	IV
284	17.734505	80.127202	15.63	IV
285	17.756970	80.145650	13.38	IV
286	17.754085	80.125577	81.57	V
287	17.743766	80.128630	34.75	V

**Legend**

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

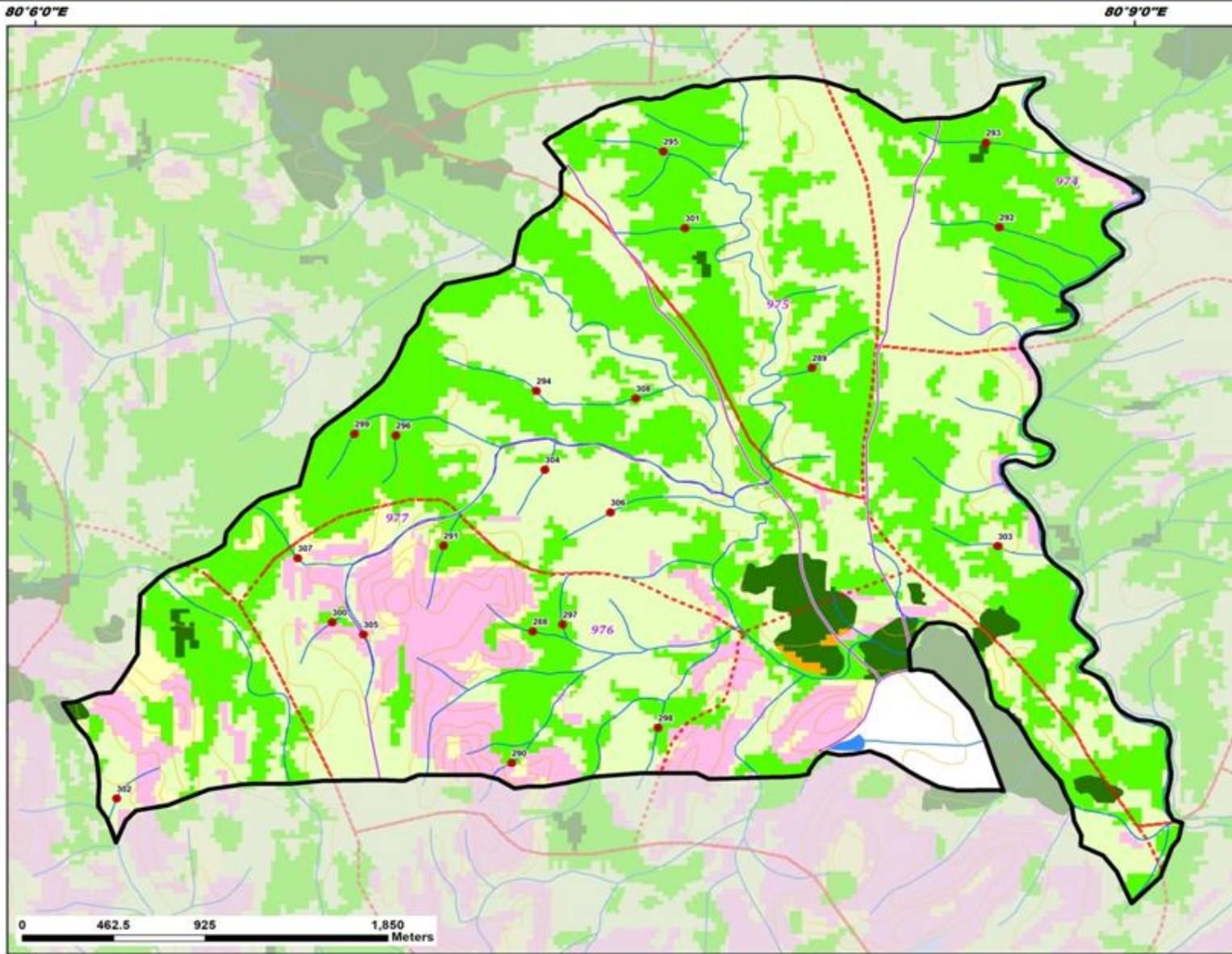
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Doravarithimmapur North Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
288	17.768899	80.122625	6.57	II
289	17.781890	80.135328	15.04	II
290	17.762426	80.121662	5.75	II
291	17.773128	80.118571	14.33	II
292	17.788806	80.143850	15.24	II
293	17.792980	80.143240	24.39	II
294	17.780759	80.122785	24.13	II
295	17.792540	80.128563	22.76	II
296	17.778564	80.116394	9.55	II
297	17.769245	80.123974	9.58	II
298	17.764155	80.128326	13.46	II
299	17.778640	80.114516	9.82	II
300	17.769347	80.113499	11.85	II
301	17.788765	80.129547	36.01	III
302	17.786673	80.103692	6.03	IV
303	17.773105	80.143773	14.75	IV
304	17.776877	80.123179	10.02	IV
305	17.768747	80.114926	20.88	IV
306	17.774763	80.126166	14.05	IV
307	17.772509	80.111929	26.30	V
308	17.780382	80.127306	39.70	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

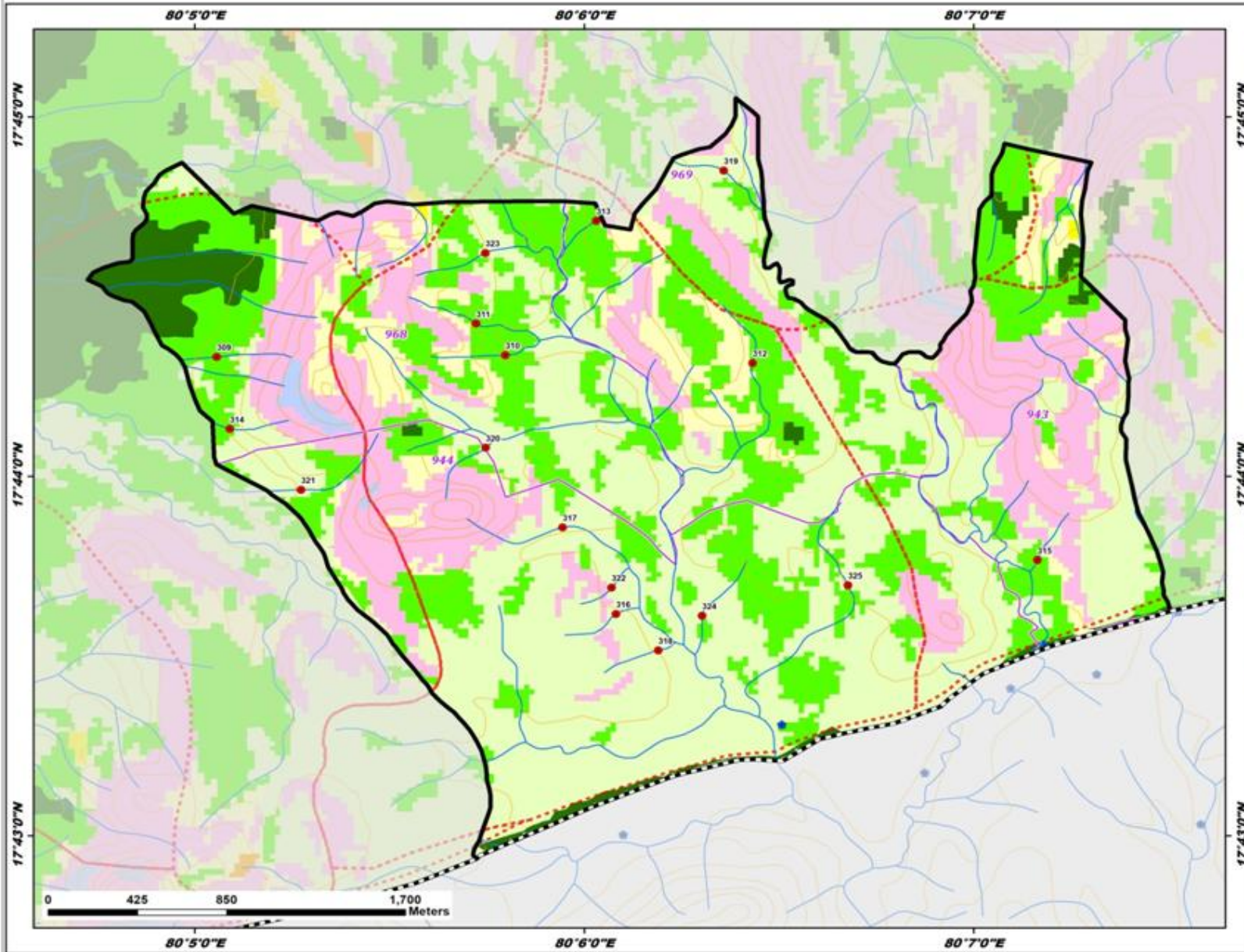
80°6'0"E

80°9'0"E

# Map Showing Suitability index for Construction of SMC Works of Doravarithimmapur South Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
309	17.738873	80.084278	6.95	II
310	17.738958	80.096631	9.03	II
311	17.740415	80.095382	11.79	II
312	17.738589	80.107213	11.03	II
313	17.745184	80.100519	8.36	II
314	17.735531	80.084843	6.74	II
315	17.729452	80.119395	9.83	II
316	17.726956	80.101359	6.06	IV
317	17.730970	80.099083	22.66	IV
318	17.725273	80.103177	7.03	IV
319	17.747504	80.105977	14.87	IV
320	17.734661	80.095785	8.60	IV
321	17.732706	80.087884	23.98	IV
322	17.728175	80.101173	4.53	IV
323	17.743685	80.095769	7.32	IV
324	17.726878	80.105047	16.88	IV
325	17.728286	80.111297	28.54	V

**Legend**

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

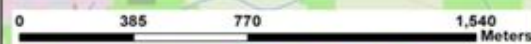
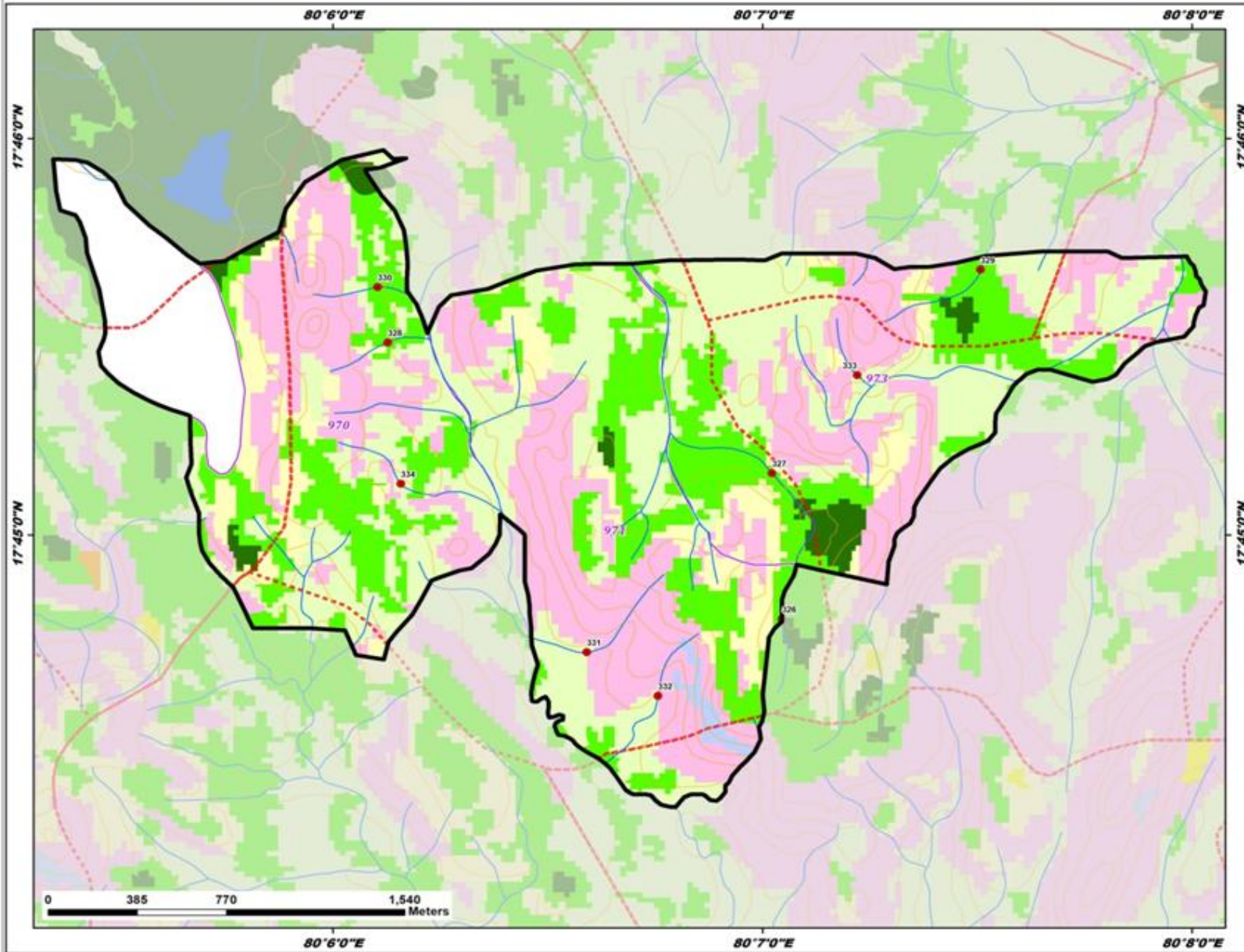
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Doravarithimmapur West Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
326	17.746469	80.117420	11.91	I
327	17.752599	80.117037	24.73	II
328	17.758095	80.102134	9.20	II
329	17.761159	80.125139	21.92	II
330	17.760429	80.101733	6.17	II
331	17.745083	80.109848	13.97	IV
332	17.743245	80.112613	11.45	IV
333	17.756728	80.120345	7.78	IV
334	17.752157	80.102639	10.37	IV

**Legend**

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

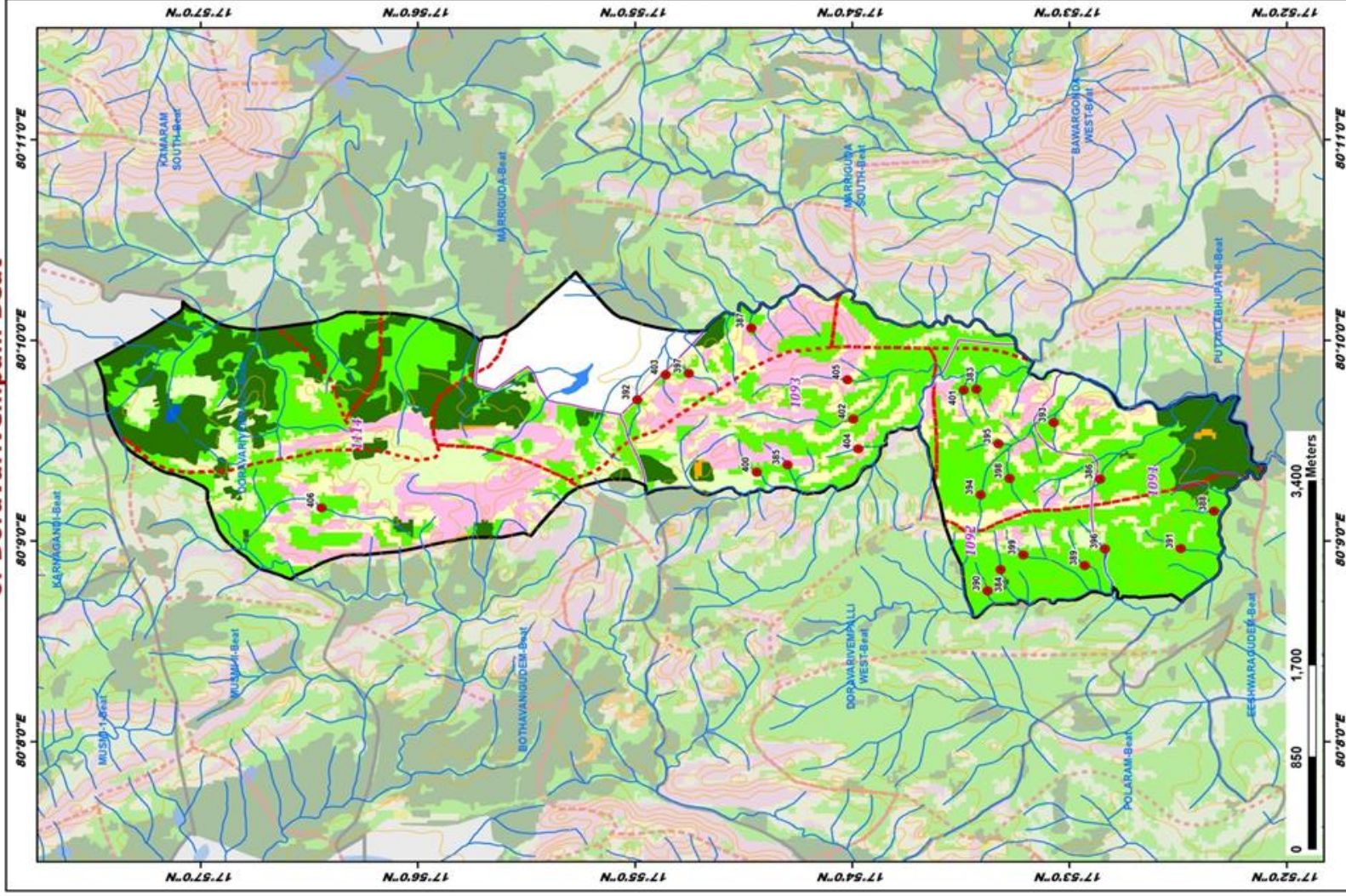
**Suitability Index**

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



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

Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area ha	Priority
383	17.890453	80.162641	4.53	II
384	17.888597	80.147635	5.90	II
385	17.904947	80.156355	6.64	II
386	17.880968	80.155152	11.21	II
387	17.907731	80.167707	6.86	II
388	17.872239	80.152490	8.02	II
389	17.882159	80.147980	9.48	II
390	17.889601	80.145868	7.21	II
391	17.874791	80.149389	14.52	II
392	17.916489	80.161740	11.95	II
393	17.884544	80.159875	4.78	II
394	17.890125	80.153864	17.76	II
395	17.888772	80.158087	8.67	II
396	17.880585	80.149369	13.08	II
397	17.912533	80.163946	7.31	II
398	17.887912	80.155210	12.79	II
399	17.886862	80.148864	6.56	II
400	17.907323	80.155738	8.12	II
401	17.891445	80.162558	9.22	II
402	17.899907	80.160155	39.13	III
403	17.914304	80.163820	5.70	IV
404	17.899528	80.157684	5.17	IV
405	17.900367	80.163400	30.71	V
406	17.940693	80.152771	26.71	V

## LEGEND

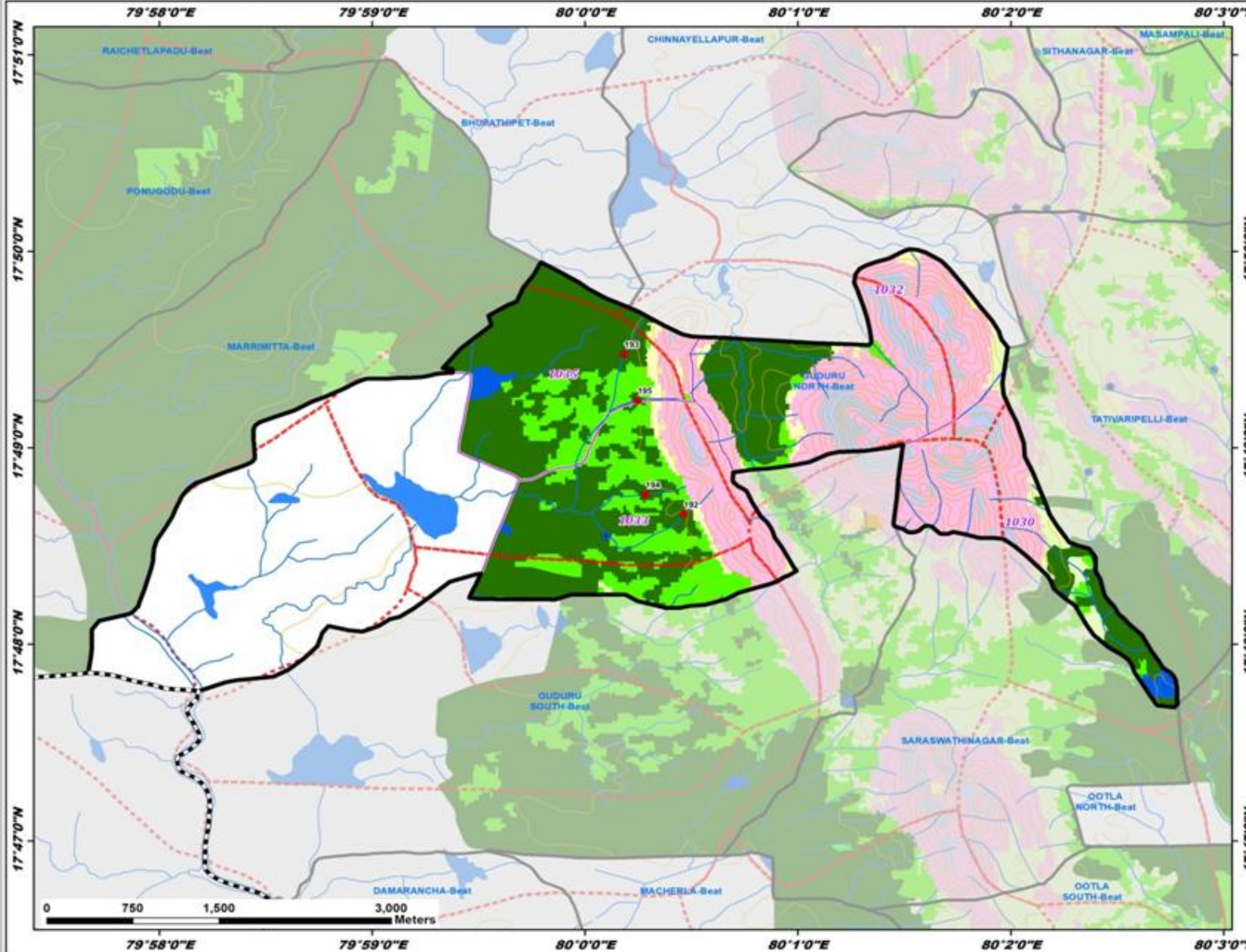
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - Watershed Boundary
  - Compartment Boundary
  - Beat Boundary
  - Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable
  - PTs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



# Map Showing Suitability index for Construction of SMC Works of Guduru North Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
192	17.811044	80.007738	8.42	I
193	17.824633	80.003076	17.48	I
194	17.812715	80.004731	20.04	I
195	17.820703	80.004124	8.13	I

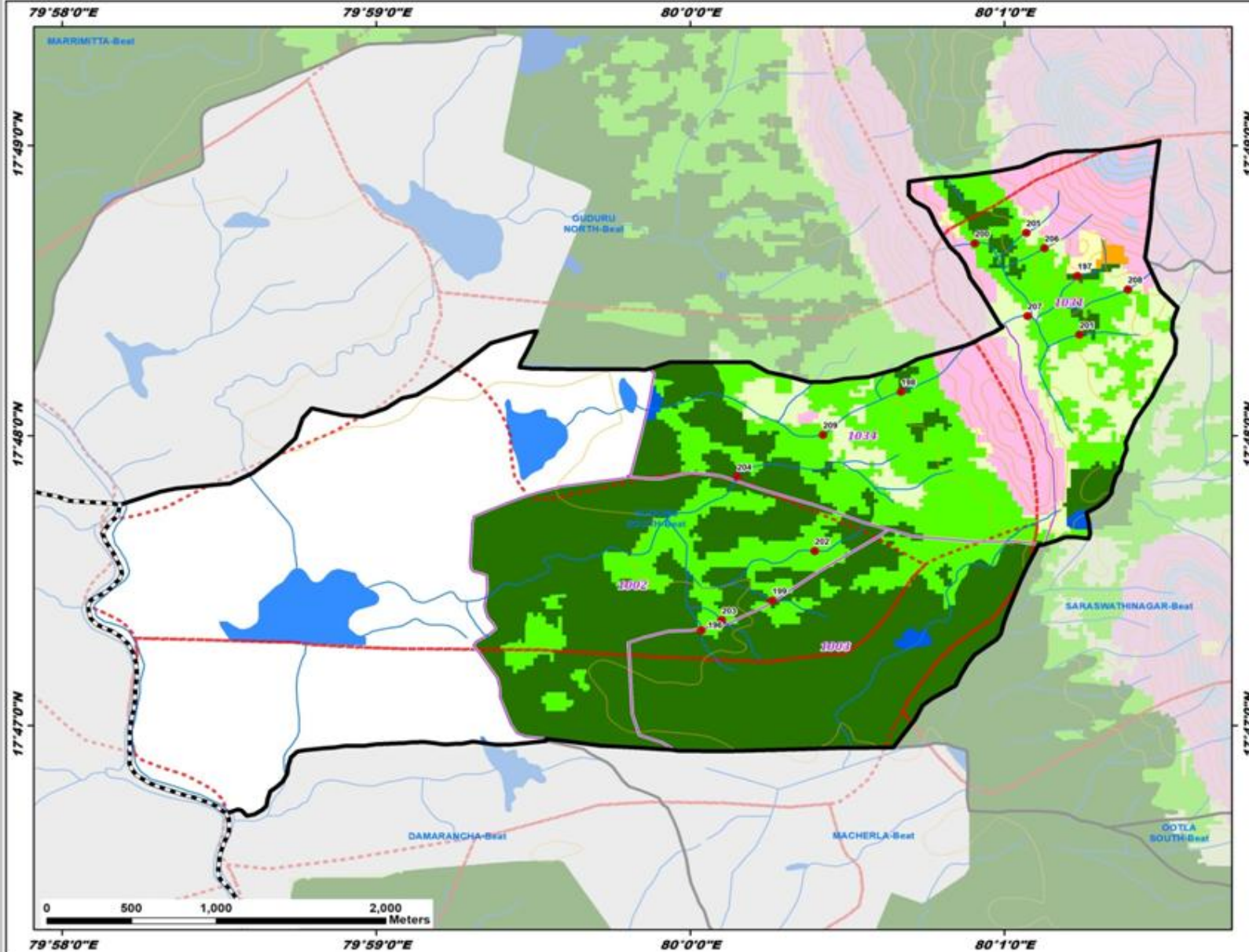
### Legend

- 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 Guduru South Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
196	17.788807	80.000591	12.61	I
197	17.809177	80.020540	14.63	I
198	17.802516	80.011188	13.58	II
199	17.790518	80.004350	20.20	II
200	17.811047	80.015108	5.59	II
201	17.805802	80.020653	6.63	II
202	17.793368	80.006610	21.13	II
203	17.789392	80.001668	14.61	II
204	17.797647	80.002488	63.98	III
205	17.811660	80.017835	14.00	IV
206	17.810776	80.018798	11.46	IV
207	17.806884	80.017895	6.82	IV
208	17.808403	80.023216	8.06	IV
209	17.800045	80.007055	68.63	IV

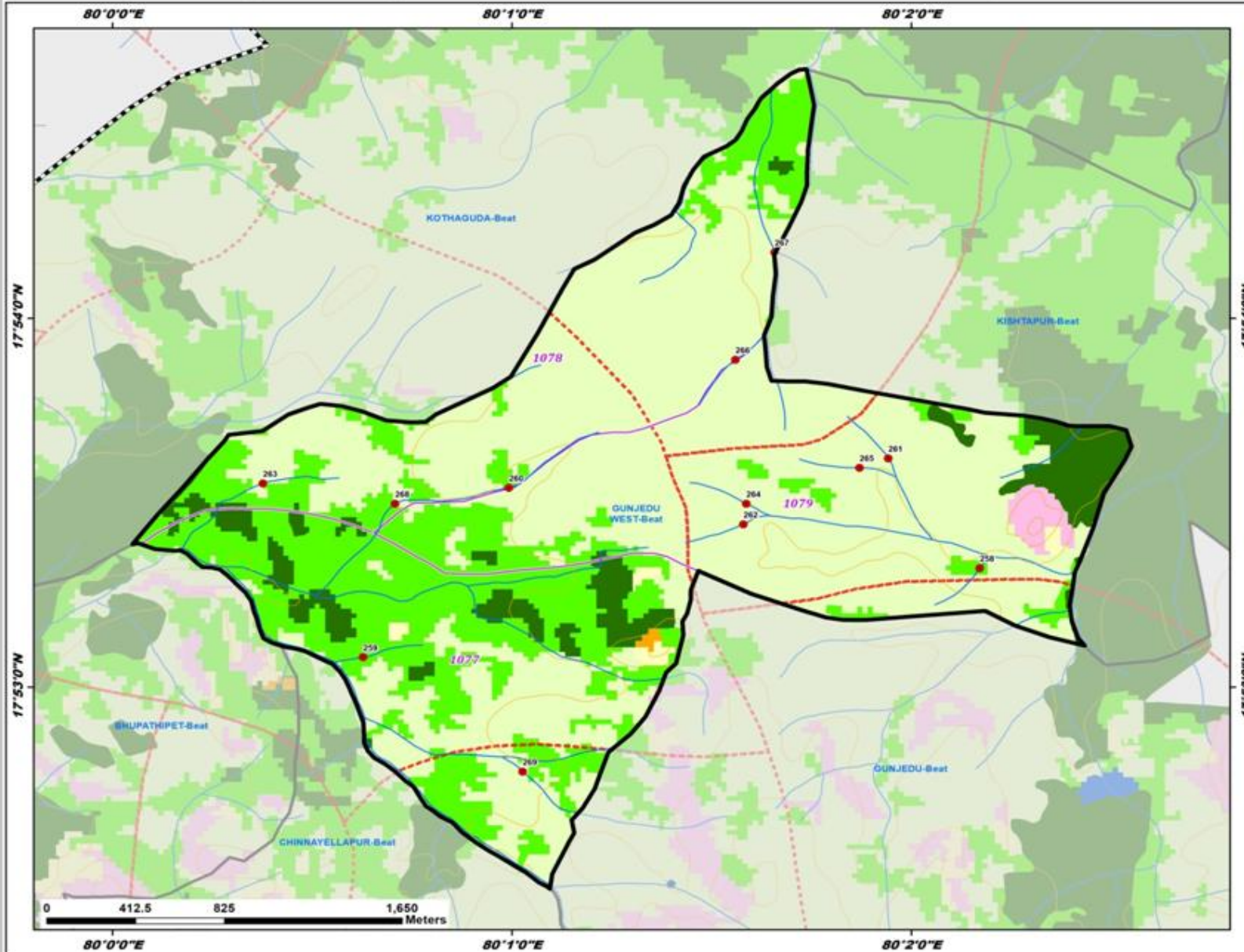
### Legend

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

# Map Showing Suitability index for Construction of SMC Works of Gunjedu West Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
258	17.888708	80.036186	8.04	II
259	17.884680	80.010461	13.75	II
260	17.892345	80.016542	28.54	III
261	17.893672	80.032363	13.37	IV
262	17.890690	80.026320	16.57	IV
263	17.892542	80.006282	9.67	IV
264	17.891626	80.025442	19.37	IV
265	17.893245	80.031165	8.11	IV
266	17.898132	80.025994	15.28	IV
267	17.902986	80.027633	34.74	V
268	17.891617	80.011783	70.68	IV
269	17.879508	80.017113	33.36	V

**Legend**

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

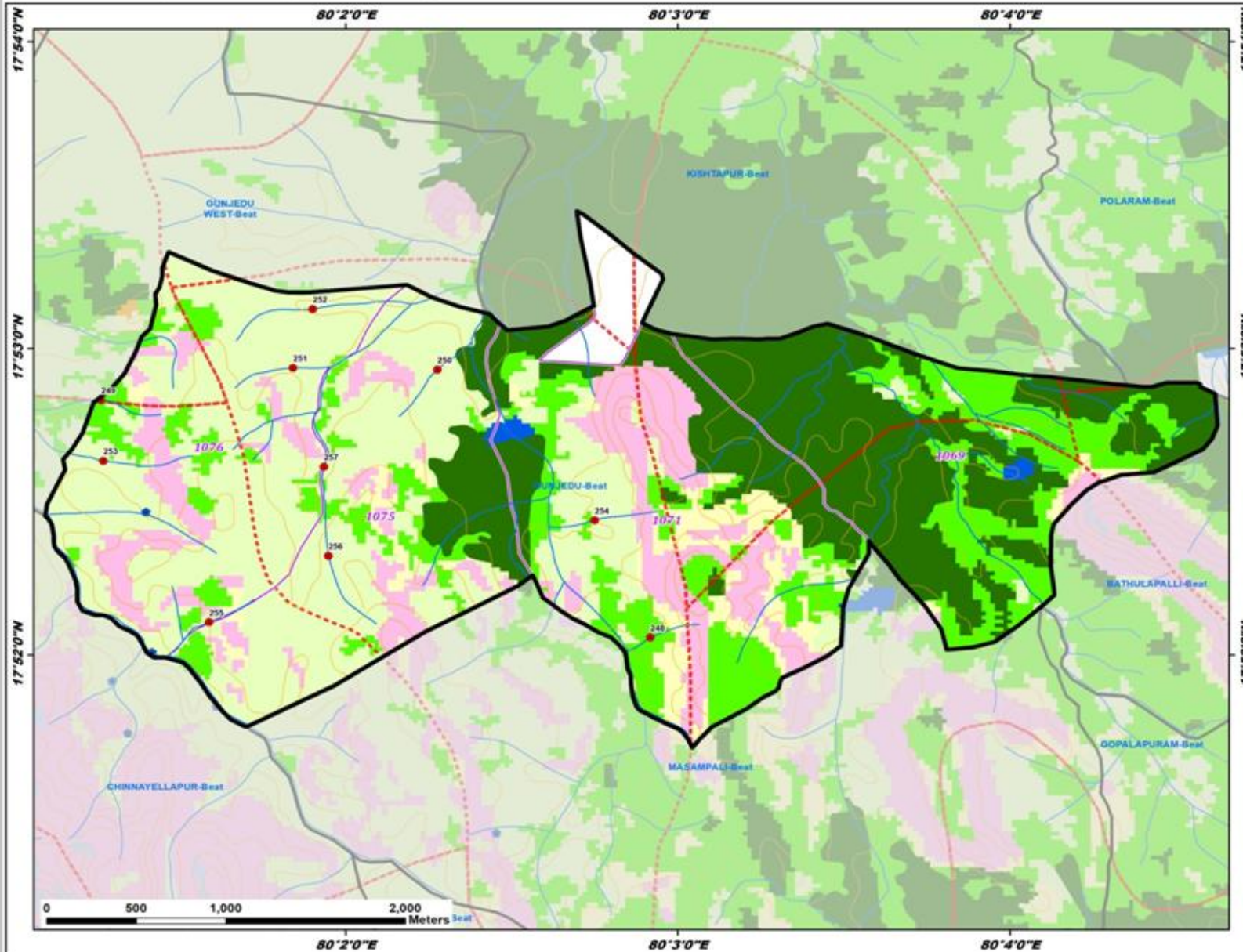
**Suitability Index**

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

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
248	17.867621	80.048614	13.72	II
249	17.880540	80.021056	17.47	II
250	17.882188	80.037932	10.74	IV
251	17.882273	80.030686	11.84	IV
252	17.885483	80.031688	17.30	IV
253	17.877223	80.021166	18.21	IV
254	17.873992	80.045818	13.89	IV
255	17.868452	80.026480	18.24	IV
256	17.872063	80.032470	29.72	V
257	17.876903	80.032237	58.61	V

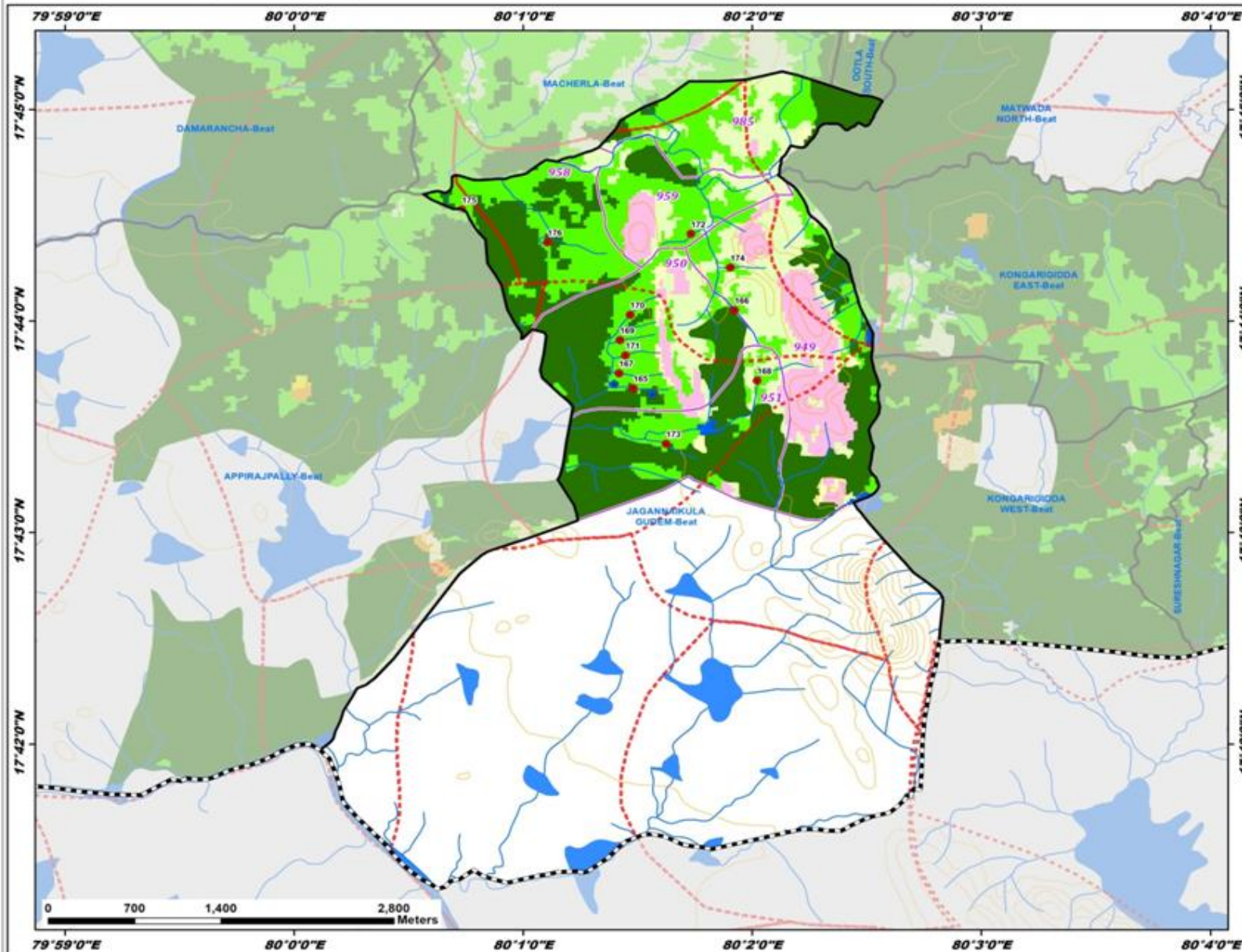
## Legend

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

# Map Showing Suitability index for Construction of SMC Works of Jagannaikula Gudem Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
165	17.728045	80.024698	6.71	I
166	17.734193	80.032046	22.29	I
167	17.729219	80.023645	7.56	II
168	17.728638	80.033694	14.13	II
169	17.731825	80.023717	4.79	II
170	17.733822	80.024453	16.26	II
171	17.730634	80.024119	5.34	II
172	17.740199	80.028869	13.13	II
173	17.723655	80.027058	7.48	II
174	17.737553	80.031743	27.57	III
175	17.742102	80.012209	27.16	III
176	17.739545	80.018436	28.47	III

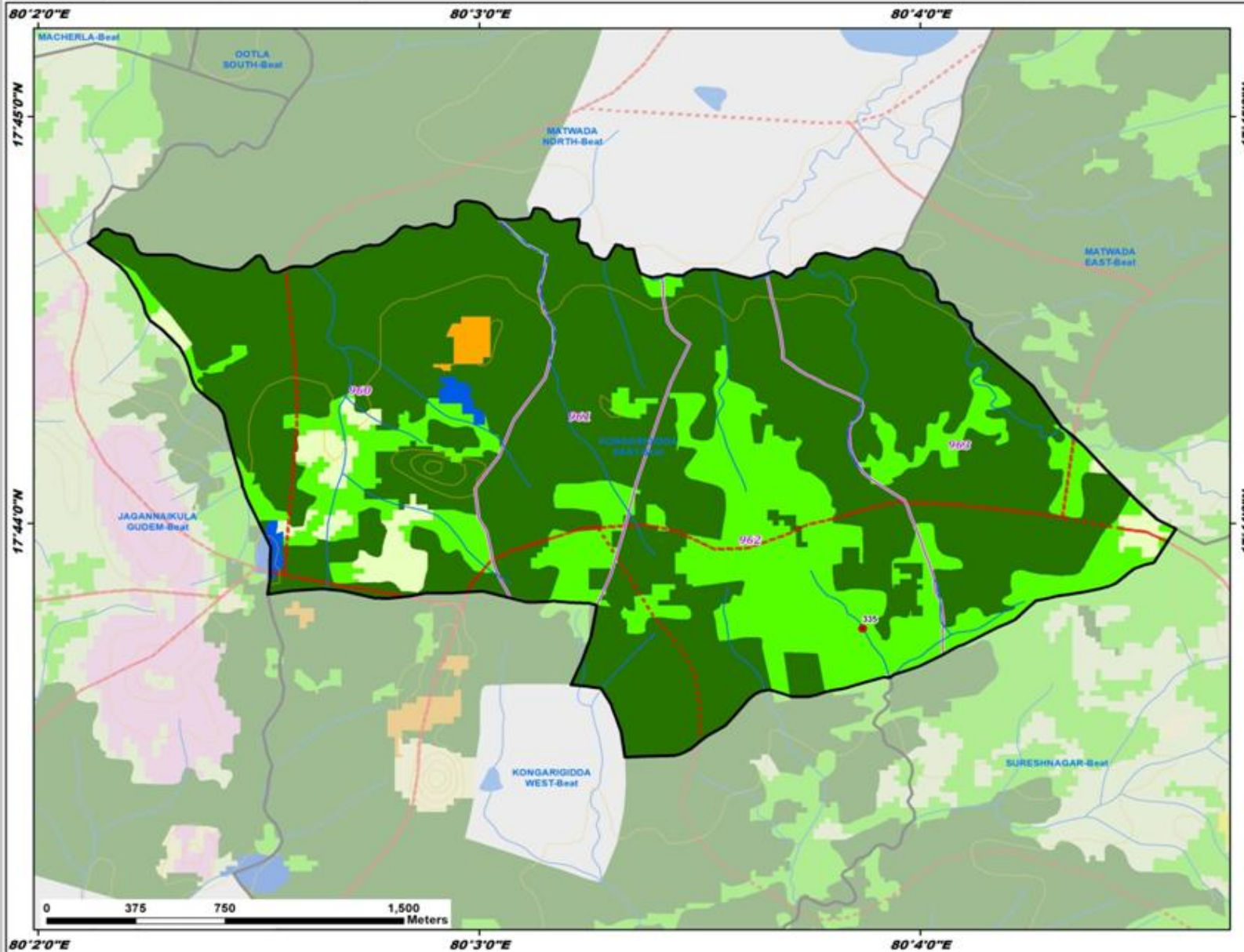
## Legend

- 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 SGTs - Suitable
  - Not Suitable
  - Water Body

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
335	17.729033	80.064493	26.66	III

**Legend**

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

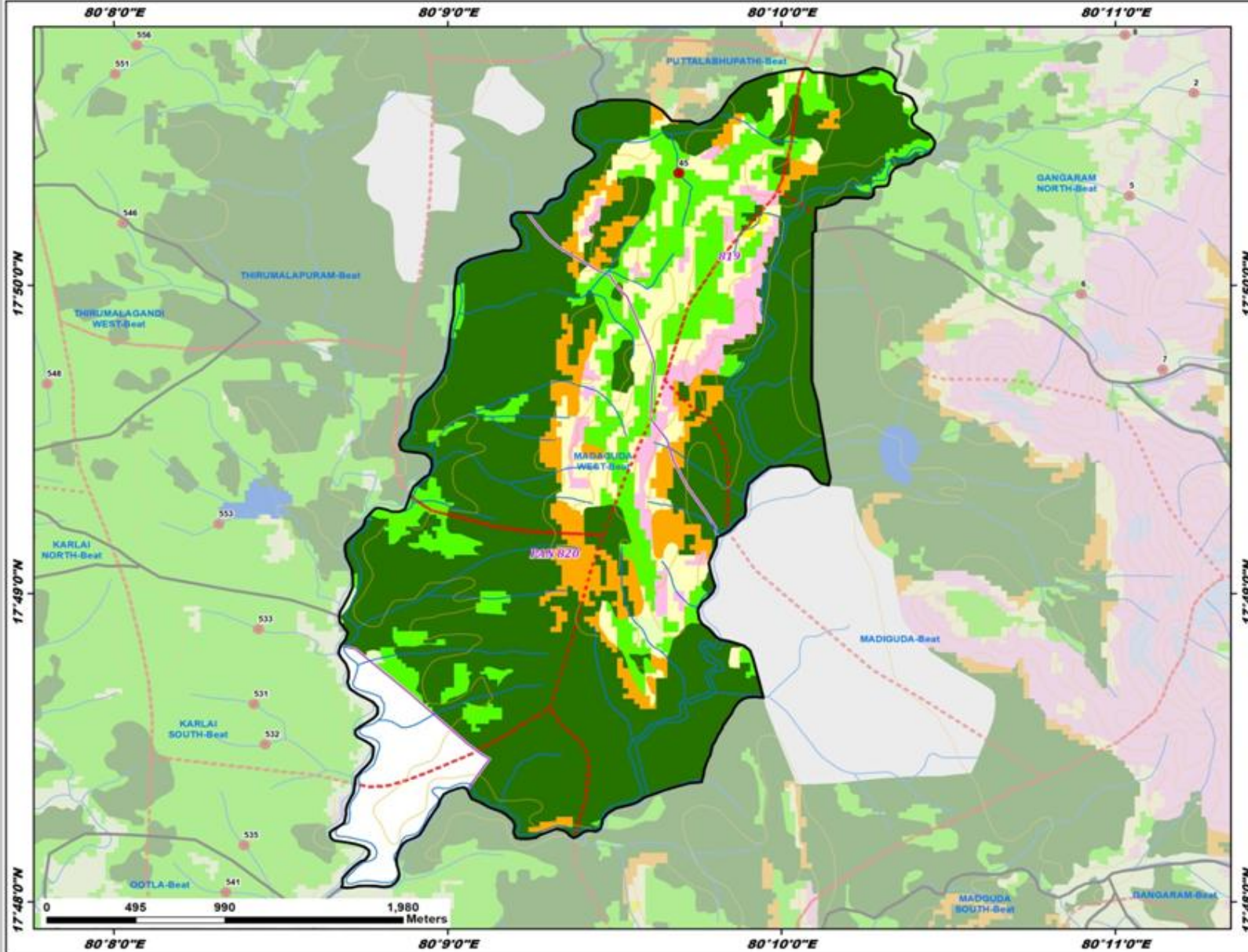
**Suitability Index**

- 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 Madaguda West Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
45	17.839406	80.161546	12.72	II

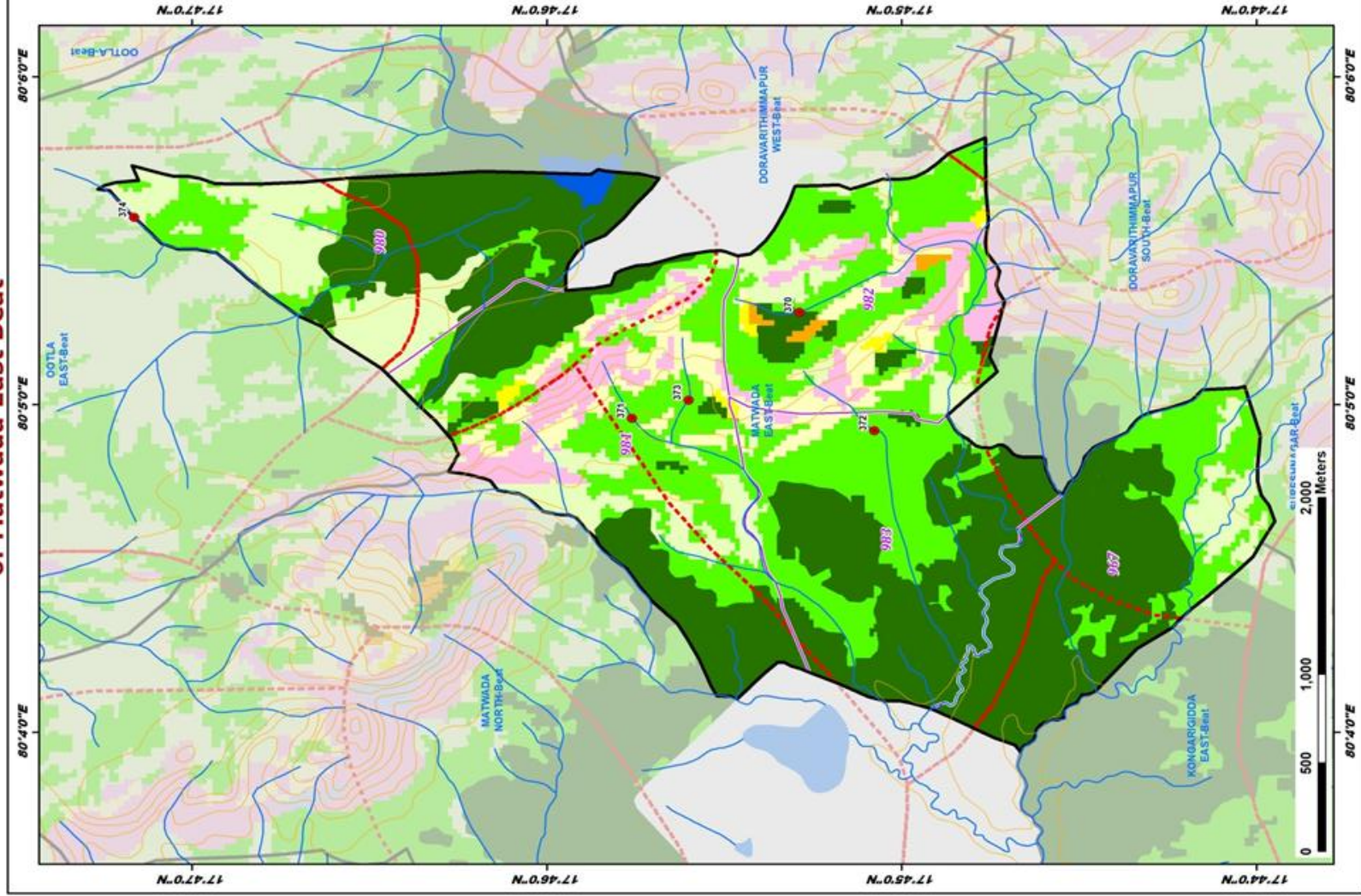
### Legend

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

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment	
			Area_ha	Priority
370	17.754804	80.088044	21.68	I
371	17.762660	80.082648	21.14	II
372	17.751281	80.082020	11.55	II
373	17.760014	80.083564	21.58	II
374	17.786049	80.092871	34.37	V

## LEGEND

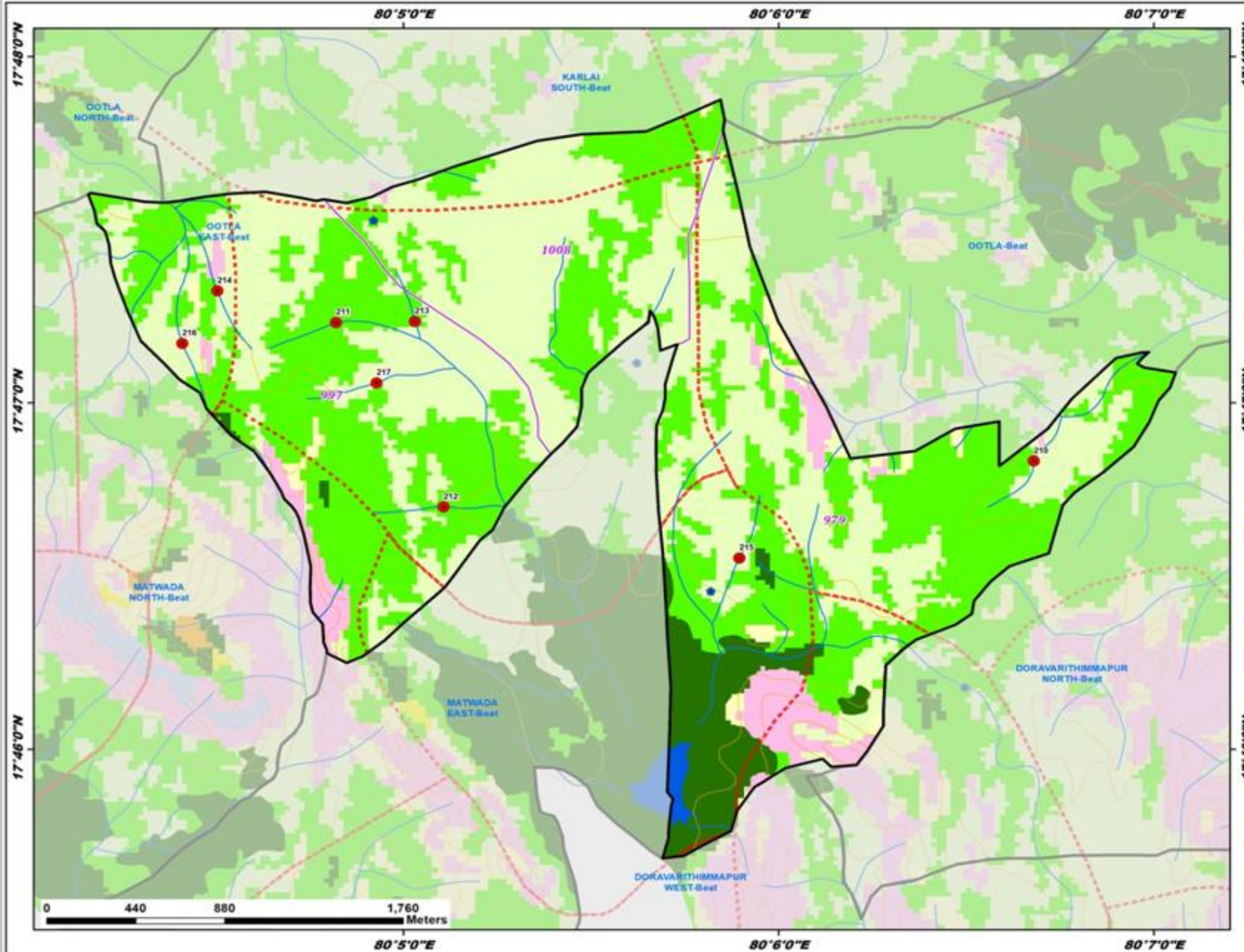
- Proposed PTs
  - Existing CDPTs
  - Contours
  - Streams
  - ⋯ Watershed Boundary
  - ⬜ Compartment Boundary
  - ⬜ Beat Boundary
  - ⬜ Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable
  - PTs - Moderately Suitable
  - PTs - Least Suitable
  - MPTs and SGPtS - Suitable
  - Not Suitable
  - Water Body



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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
210	17.780527	80.111337	21.25	II
211	17.787194	80.080341	17.86	II
212	17.778319	80.085119	11.89	II
213	17.787247	80.083840	32.59	III
214	17.788718	80.075072	10.43	IV
215	17.775862	80.098260	14.95	IV
216	17.786192	80.073513	17.81	IV
217	17.784295	80.082140	13.23	IV

**Legend**

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

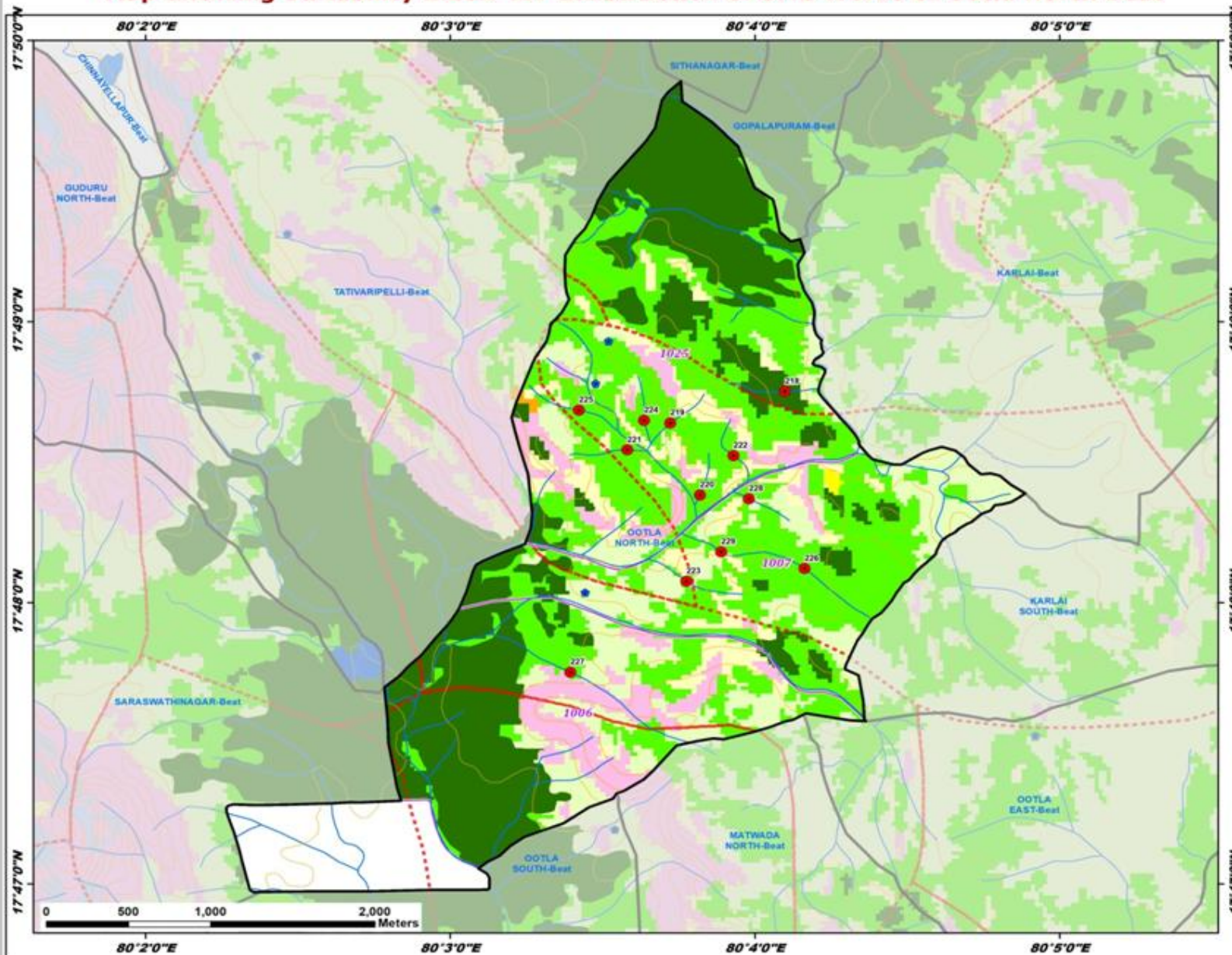
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Ootla North Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
218	17.812525	80.068315	7.91	I
219	17.810651	80.062041	7.05	II
220	17.806385	80.063651	6.21	II
221	17.809051	80.059690	8.05	II
222	17.808716	80.065495	7.61	II
223	17.801271	80.062919	10.11	II
224	17.810809	80.060607	23.42	II
225	17.811413	80.057035	13.35	II
226	17.802017	80.069381	31.08	III
227	17.795876	80.056569	54.09	IV
228	17.806159	80.066345	10.26	IV
229	17.803010	80.064810	53.11	IV

**Legend**

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

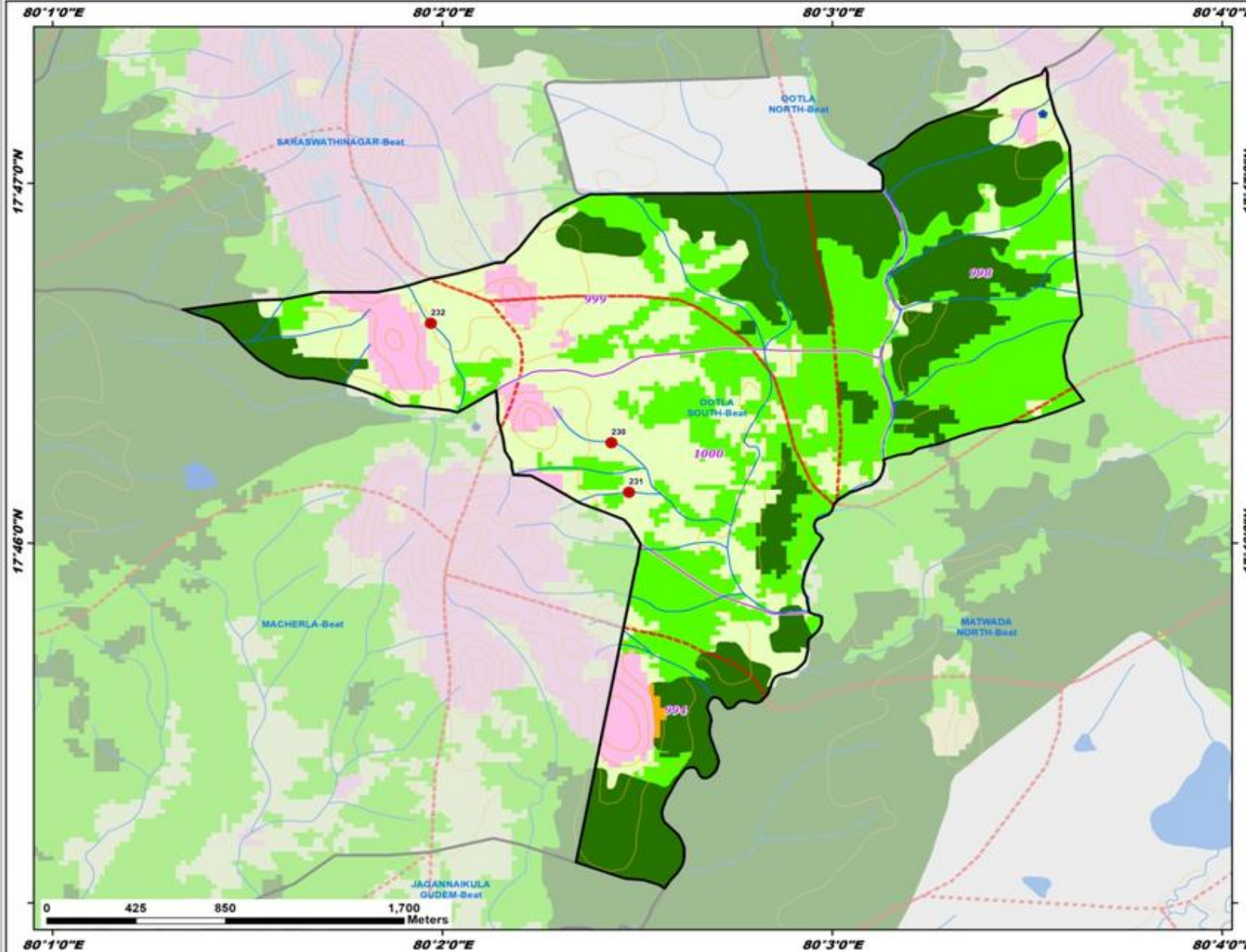
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Ootla South Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
230	17.771319	80.040552	14.34	IV
231	17.769019	80.041307	6.00	IV
232	17.776848	80.032836	9.96	IV

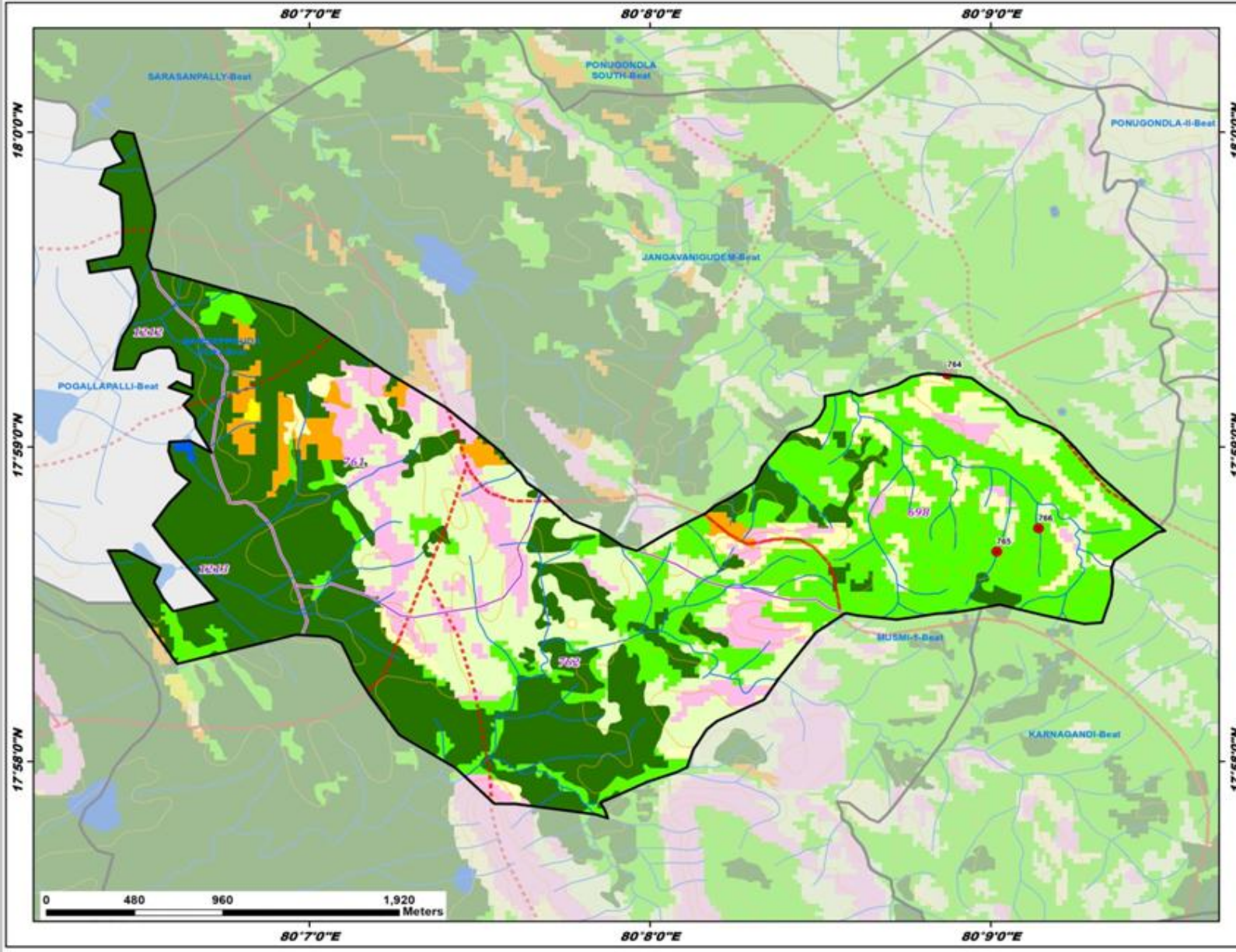
### Legend

- 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 SGPts - Suitable
  - Not Suitable
  - Water Body

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



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
764	17.987160	80.147871	12.20	I
765	17.977780	80.150278	9.67	II
766	17.979011	80.152324	6.11	II

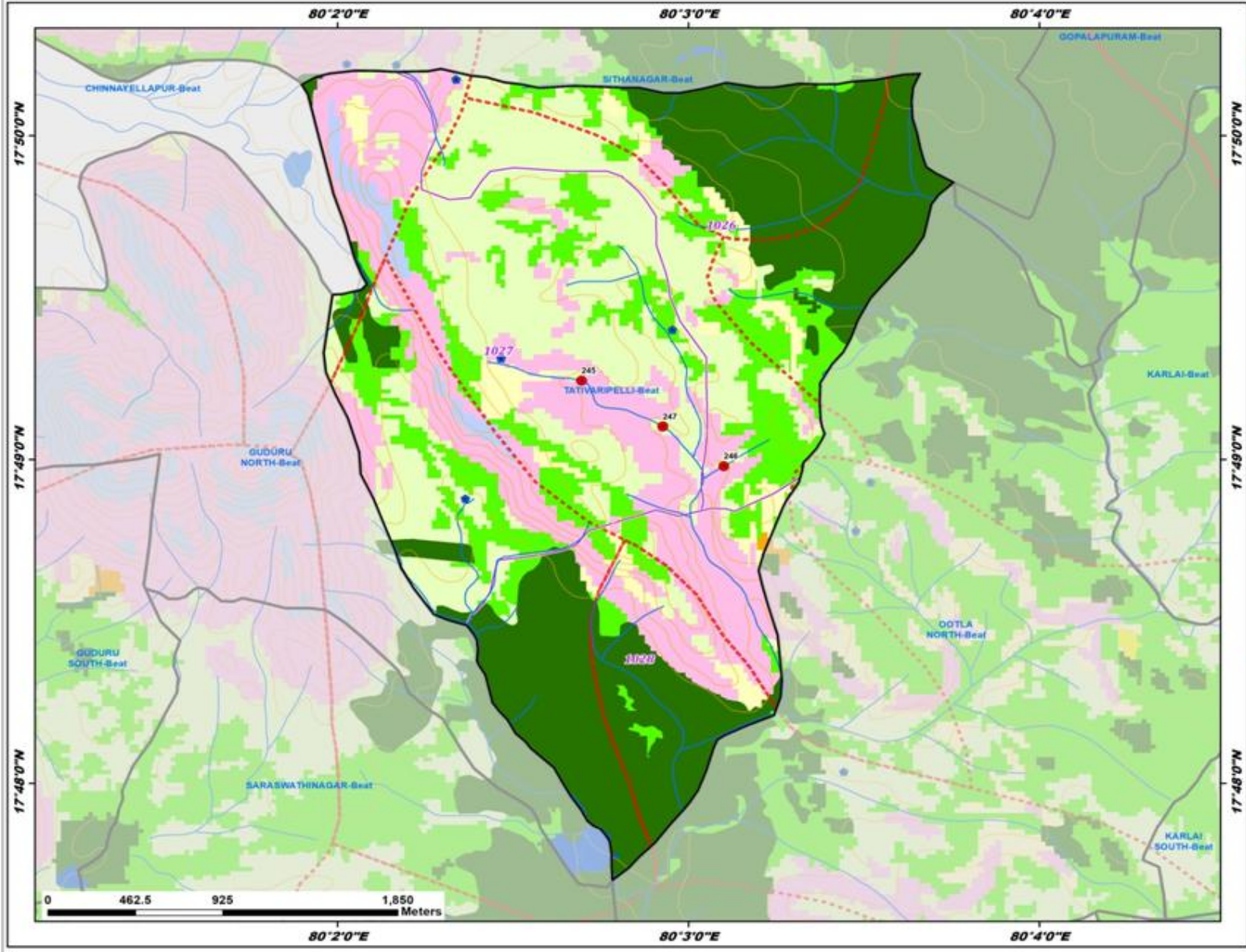
### Legend

- 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 Tativaripelli Beat



Division : Guduru WLM  
Range : Guduru



ID	Latitude	Longitude	Catchment Area_ha	Priority
245	17.820736	80.044914	23.67	IV
246	17.816327	80.051672	18.14	IV
247	17.818366	80.048785	51.48	V

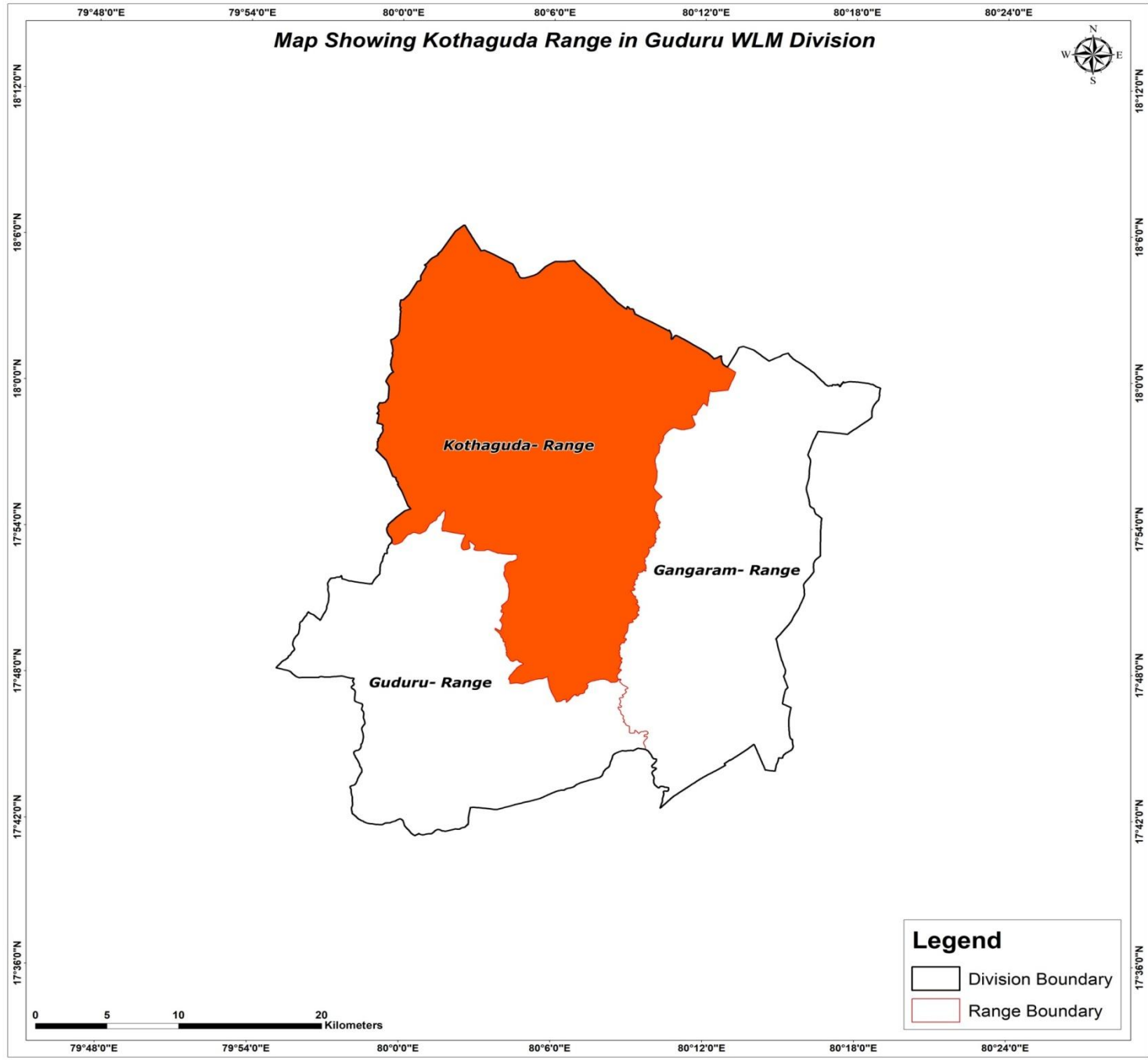
**Legend**

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

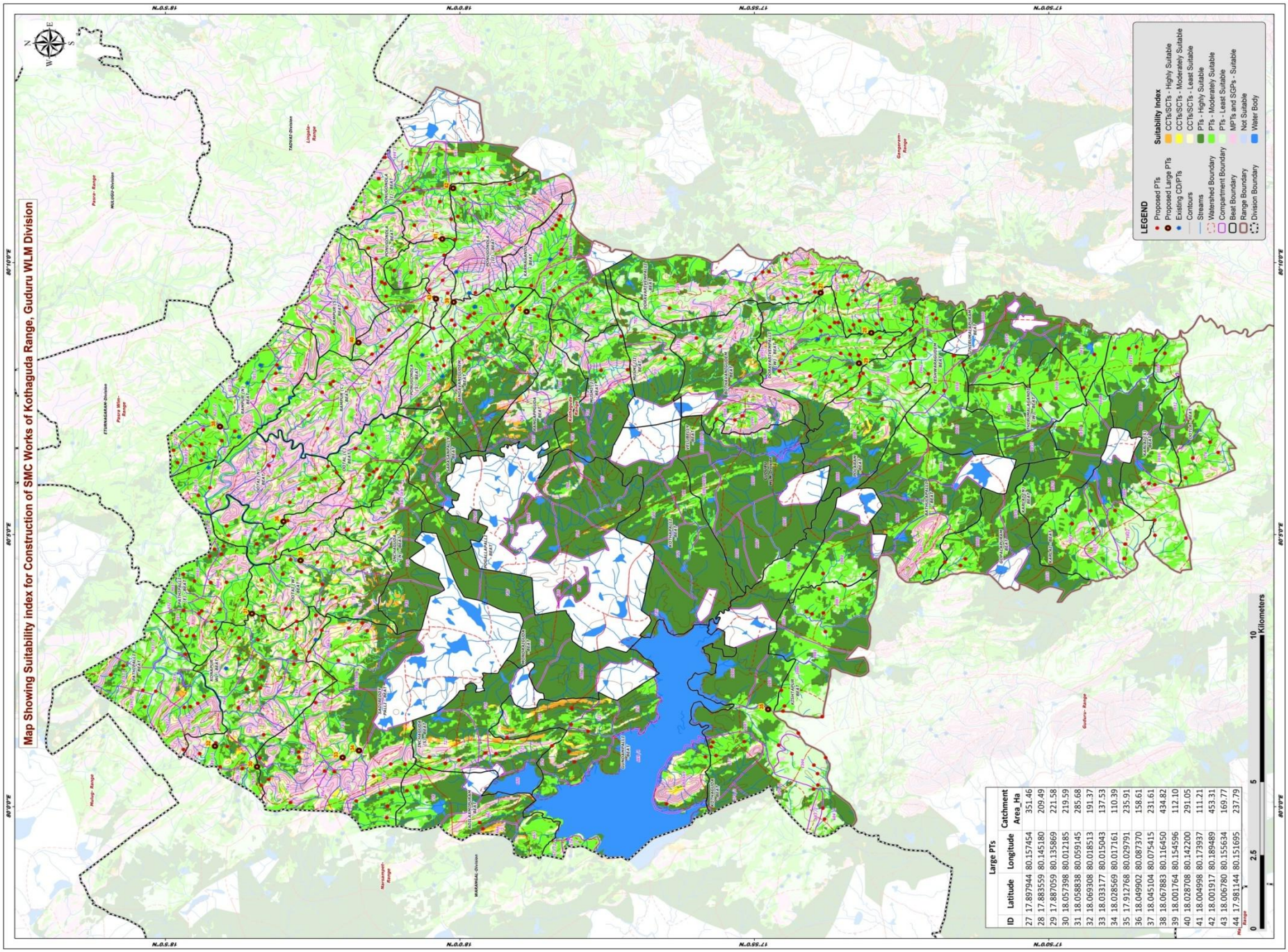
**Suitability Index**

- 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 Kothaguda Range in Guduru WLM Division



Map Showing Suitability Index for Construction of SMC Works of Kothaguda Range, Guduru WLM Division



**Suitability Index**

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

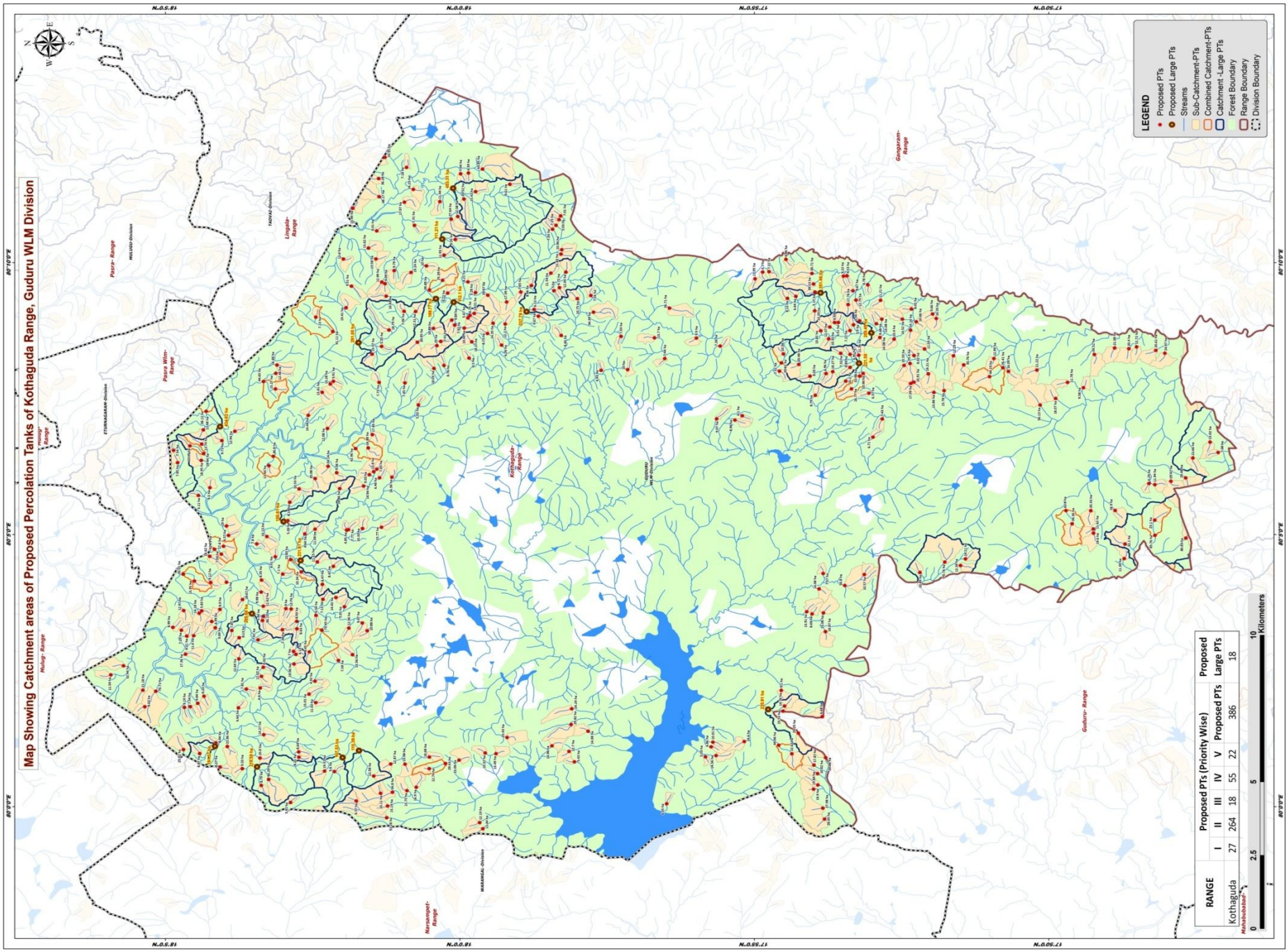
**LEGEND**

- Proposed PTs
- Existing Large PTs
- Existing CDPs
- Contours
- Water Shed Boundary
- Management Boundary
- Constraint Boundary
- Range Boundary
- Division Boundary

ID	Latitude	Longitude	Catchment Area_Ha
27	17.897944	80.157454	351.46
28	17.883559	80.145180	209.49
29	17.887059	80.135869	221.58
30	18.057398	80.012185	219.59
31	18.058838	80.059145	285.68
32	18.065308	80.018513	191.37
33	18.033177	80.015043	137.53
34	18.028569	80.017161	110.39
35	17.912768	80.029791	235.91
36	18.049902	80.087370	158.61
37	18.045104	80.075415	231.61
38	18.067883	80.116450	434.82
39	18.001764	80.154596	112.10
40	18.028709	80.142700	291.05
41	18.004998	80.173937	111.21
42	18.003917	80.189489	453.31
43	18.06780	80.15634	169.77
44	17.98144	80.151695	237.79



Map Showing Catchment areas of Proposed Percolation Tanks of Kothaguda Range, Guduru WLM Division



RANGE	Proposed PT (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Kothaguda	27	264	18	55	22	386
<b>TOTAL</b>	<b>27</b>	<b>264</b>	<b>18</b>	<b>55</b>	<b>22</b>	<b>386</b>



- 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 – Kothaguda Range

S. No.	Beat	Proposed PT's
1	ADILAXMIPURAM	4
2	BATHULAPALLI	2
3	BOTHAVANIGUDEM	5
4	DORAVARIVEMPALLI	24
5	DORAVARIVEMPALLI WEST	20
6	EESHWARAGUDEM	11
7	GOPALAPURAM	2
8	GUNDAMPALLI	9
9	INCHAGUDA NORTH	5
10	JANGAVANIGUDEM	14
11	KARLAI	8
12	KARLAI SOUTH	10
13	KARNAGANDI	14
14	KISHTAPUR	9
15	KONAPUR WL	27
16	KOTHAGUDA	14
17	MUSMI-1	4
18	MUSMI-II	2
19	OOTAI NORTH	9
20	OOTAI WEST	16
21	OOTAL CENTRAL	17
22	OOTLA	5
23	PATHIPALLI	11
24	PATHIPALLI EAST	19
25	POLARAM	13
26	PONUGONDLA CENTRAL	11
27	PONUGONDLA SOUTH	14
28	PONUGONDLA-1	14
29	PONUGONDLA-II	6
30	RAMPUR CENTRAL	7
31	RAMPUR NORTH	14
32	RAMPUR SOUTH	5
33	RANGAPPGUDA BEAT	3
34	SADIREDDY PALLI	21
35	THIRUMALAGANDI WEST	4
36	THIRUMALAPURAM	7
37	YANCHAGUDA SOUTH	6
	<b>Total</b>	<b>386</b>

## List of Proposed PTs – Kothaguda 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
381	17.869818	80.071757	10.89	II	BATHULAPALLI	421	17.894478	80.133286	18.27	II	DORAVARIVEMPALLI (W)	461	18.055645	80.042671	8.02	I	KONAPUR WL
382	17.862785	80.074930	70.76	IV	BATHULAPALLI	422	17.887144	80.138326	11.36	II	DORAVARIVEMPALLI (W)	462	18.055500	80.022029	14.27	II	KONAPUR WL
383	17.890453	80.162641	4.53	II	DORAVARIVEMPALLI	423	17.889595	80.138602	6.95	II	DORAVARIVEMPALLI (W)	463	18.046137	80.054510	8.63	II	KONAPUR WL
384	17.888597	80.147635	5.90	II	DORAVARIVEMPALLI	424	17.896418	80.132704	4.96	II	DORAVARIVEMPALLI (W)	464	18.047071	80.047557	5.70	II	KONAPUR WL
385	17.904947	80.156355	6.64	II	DORAVARIVEMPALLI	425	17.892232	80.138908	7.32	IV	DORAVARIVEMPALLI (W)	465	18.055872	80.057019	5.94	II	KONAPUR WL
386	17.880968	80.155152	11.21	II	DORAVARIVEMPALLI	426	17.909030	80.135964	35.61	III	DORAVARIVEMPALLI (W)	466	18.056206	80.006493	8.79	II	KONAPUR WL
387	17.907731	80.167707	6.86	II	DORAVARIVEMPALLI	427	17.872454	80.146007	14.14	II	EESHWARAGUDEM	467	18.055591	80.058312	36.15	II	KONAPUR WL
388	17.872239	80.152490	8.02	II	DORAVARIVEMPALLI	428	17.868509	80.140236	11.03	II	EESHWARAGUDEM	468	18.040709	80.058623	6.54	II	KONAPUR WL
389	17.882159	80.147980	9.48	II	DORAVARIVEMPALLI	429	17.870861	80.148575	10.46	II	EESHWARAGUDEM	469	18.041005	80.038436	4.92	II	KONAPUR WL
390	17.889601	80.145868	7.21	II	DORAVARIVEMPALLI	430	17.865190	80.149576	16.35	II	EESHWARAGUDEM	470	18.046406	80.046635	6.13	II	KONAPUR WL
391	17.874791	80.149389	14.52	II	DORAVARIVEMPALLI	431	17.860308	80.138168	12.29	II	EESHWARAGUDEM	471	18.067852	80.012145	8.27	II	KONAPUR WL
392	17.916489	80.161740	11.95	II	DORAVARIVEMPALLI	432	17.877132	80.143244	10.40	II	EESHWARAGUDEM	472	18.056512	80.036340	6.60	II	KONAPUR WL
393	17.884544	80.159875	4.78	II	DORAVARIVEMPALLI	433	17.866238	80.150956	9.66	II	EESHWARAGUDEM	473	18.046949	80.043689	19.06	II	KONAPUR WL
394	17.890125	80.153864	17.76	II	DORAVARIVEMPALLI	434	17.871526	80.130071	10.91	II	EESHWARAGUDEM	474	18.064558	80.053991	7.87	II	KONAPUR WL
395	17.888772	80.158087	8.67	II	DORAVARIVEMPALLI	435	17.862976	80.127488	15.78	II	EESHWARAGUDEM	475	18.042591	80.047408	8.45	II	KONAPUR WL
396	17.880585	80.149369	13.08	II	DORAVARIVEMPALLI	436	17.867442	80.132639	19.21	IV	EESHWARAGUDEM	476	18.061578	80.011624	9.33	II	KONAPUR WL
397	17.912533	80.163946	7.31	II	DORAVARIVEMPALLI	437	17.865868	80.126919	13.86	IV	EESHWARAGUDEM	477	18.060445	80.036021	7.81	II	KONAPUR WL
398	17.887912	80.155210	12.79	II	DORAVARIVEMPALLI	438	17.858321	80.073885	12.39	II	GOPALAPURAM	478	18.065801	80.018421	22.86	II	KONAPUR WL
399	17.886862	80.148864	6.56	II	DORAVARIVEMPALLI	439	17.856925	80.075904	14.11	II	GOPALAPURAM	479	18.042692	80.034448	15.01	II	KONAPUR WL
400	17.907323	80.155738	8.12	II	DORAVARIVEMPALLI	440	17.993498	79.993225	11.44	I	ADILAXMIPURAM	480	18.062448	80.051765	8.13	II	KONAPUR WL
401	17.891445	80.162558	9.22	II	DORAVARIVEMPALLI	441	18.012367	80.005935	16.90	I	ADILAXMIPURAM	481	18.057135	80.051100	7.91	II	KONAPUR WL
402	17.899907	80.160155	39.13	III	DORAVARIVEMPALLI	442	18.014991	80.004894	15.75	II	ADILAXMIPURAM	482	18.069082	80.019550	8.94	IV	KONAPUR WL
403	17.914304	80.163820	5.70	IV	DORAVARIVEMPALLI	443	17.994427	79.995108	12.19	II	ADILAXMIPURAM	483	18.073641	80.016257	8.87	IV	KONAPUR WL
404	17.899528	80.157684	5.17	IV	DORAVARIVEMPALLI	444	17.968360	80.029990	24.24	I	GUNDAMPALLI	484	18.039113	80.054064	73.45	IV	KONAPUR WL
405	17.900367	80.163400	30.71	V	DORAVARIVEMPALLI	445	17.969118	80.016911	12.70	I	GUNDAMPALLI	485	18.072417	80.033812	9.24	II	PATHIPALLI
406	17.940693	80.152771	26.71	V	DORAVARIVEMPALLI	446	17.967582	80.013712	5.43	I	GUNDAMPALLI	486	18.089176	80.030588	8.63	II	PATHIPALLI
407	17.895657	80.143347	10.35	I	DORAVARIVEMPALLI (W)	447	17.986660	80.021178	23.43	I	GUNDAMPALLI	487	18.077973	80.030410	9.19	II	PATHIPALLI
408	17.909569	80.133436	7.51	II	DORAVARIVEMPALLI (W)	448	17.963709	80.023098	14.08	II	GUNDAMPALLI	488	18.077671	80.046709	17.36	II	PATHIPALLI
409	17.897883	80.145814	10.82	II	DORAVARIVEMPALLI (W)	449	17.973941	80.018620	14.96	II	GUNDAMPALLI	489	18.098795	80.040384	11.59	II	PATHIPALLI
410	17.892919	80.148342	6.51	II	DORAVARIVEMPALLI (W)	450	17.941476	80.000857	6.35	II	GUNDAMPALLI	490	18.076272	80.030615	7.54	II	PATHIPALLI
411	17.893980	80.148348	6.43	II	DORAVARIVEMPALLI (W)	451	17.930524	80.015238	5.03	II	GUNDAMPALLI	491	18.095191	80.043137	32.94	III	PATHIPALLI
412	17.899433	80.126035	8.79	II	DORAVARIVEMPALLI (W)	452	17.968517	80.025178	29.82	III	GUNDAMPALLI	492	18.074171	80.031654	9.84	IV	PATHIPALLI
413	17.900901	80.131920	8.03	II	DORAVARIVEMPALLI (W)	453	18.019228	80.100957	14.36	I	INCHAGUDA NORTH	493	18.089704	80.035690	21.18	IV	PATHIPALLI
414	17.899596	80.151920	10.29	II	DORAVARIVEMPALLI (W)	454	18.022199	80.085607	15.77	II	INCHAGUDA NORTH	494	18.086060	80.035361	70.71	V	PATHIPALLI
415	17.889571	80.134603	8.89	II	DORAVARIVEMPALLI (W)	455	18.032070	80.084735	4.85	II	INCHAGUDA NORTH	495	18.078244	80.017467	25.02	V	PATHIPALLI
416	17.908445	80.138716	10.56	II	DORAVARIVEMPALLI (W)	456	18.031533	80.084860	7.77	II	INCHAGUDA NORTH	496	18.022441	80.004078	10.11	I	SADIREDDY PALLI
417	17.881160	80.143762	14.08	II	DORAVARIVEMPALLI (W)	457	18.027570	80.085207	10.33	II	INCHAGUDA NORTH	497	18.027622	80.056268	9.37	I	SADIREDDY PALLI
418	17.895321	80.146957	12.07	II	DORAVARIVEMPALLI (W)	458	18.062538	80.045282	12.64	I	KONAPUR WL	498	18.026212	80.053881	10.88	II	SADIREDDY PALLI
419	17.904095	80.135524	20.48	II	DORAVARIVEMPALLI (W)	459	18.062682	80.030260	6.64	I	KONAPUR WL	499	18.045567	80.015155	8.21	II	SADIREDDY PALLI
420	17.890814	80.130401	10.20	II	DORAVARIVEMPALLI (W)	460	18.056143	80.039901	12.02	I	KONAPUR WL	500	18.029323	80.001732	9.77	II	SADIREDDY PALLI

## List of Proposed PTs – Kothaguda 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
501	18.047923	80.001260	5.91	II	SADIREDDY PALLI	541	17.800499	80.138916	24.97	II	OOTLA	581	17.883091	80.113219	6.71	II	POLARAM
502	18.031420	80.054704	12.36	II	SADIREDDY PALLI	542	17.792570	80.106833	21.66	II	OOTLA	582	17.885906	80.132746	10.96	II	POLARAM
503	18.019587	80.013063	12.87	II	SADIREDDY PALLI	543	17.787699	80.111705	13.02	II	OOTLA	583	17.880490	80.118784	7.43	II	POLARAM
504	18.024391	80.009368	12.58	II	SADIREDDY PALLI	544	17.794613	80.100742	29.48	III	OOTLA	584	17.874294	80.135219	10.33	II	POLARAM
505	18.045617	80.016755	8.64	II	SADIREDDY PALLI	545	17.785427	80.108532	7.08	IV	OOTLA	585	17.889193	80.128040	16.77	II	POLARAM
506	18.056579	80.014867	10.80	II	SADIREDDY PALLI	546	17.836700	80.133782	21.22	II	THIRUMALAGANDI (W)	586	17.872433	80.129684	17.09	II	POLARAM
507	18.020446	80.000203	15.19	II	SADIREDDY PALLI	547	17.831405	80.125080	18.07	II	THIRUMALAGANDI (W)	587	17.872628	80.135796	23.40	II	POLARAM
508	18.035490	80.010748	5.60	II	SADIREDDY PALLI	548	17.828019	80.130001	11.78	II	THIRUMALAGANDI (W)	588	17.871505	80.138238	8.02	II	POLARAM
509	18.015512	80.013004	13.98	II	SADIREDDY PALLI	549	17.835798	80.123062	58.13	IV	THIRUMALAGANDI (W)	589	17.897185	80.071440	7.57	II	POLARAM
510	18.019089	80.004401	54.80	III	SADIREDDY PALLI	550	17.823541	80.128354	9.58	II	THIRUMALAPURAM	590	17.885577	80.071113	10.57	IV	POLARAM
511	18.038318	80.010896	19.51	IV	SADIREDDY PALLI	551	17.844773	80.133386	16.09	II	THIRUMALAPURAM	591	17.891090	80.067742	50.80	V	POLARAM
512	18.040787	80.031860	11.02	IV	SADIREDDY PALLI	552	17.848897	80.137317	12.99	II	THIRUMALAPURAM	592	17.886851	80.131940	31.98	III	POLARAM
513	18.034392	80.044801	7.59	IV	SADIREDDY PALLI	553	17.820434	80.138567	24.51	II	THIRUMALAPURAM	593	18.040954	80.100537	20.08	II	OOTAI NORTH
514	18.030386	80.046569	13.56	IV	SADIREDDY PALLI	554	17.850099	80.131758	44.19	III	THIRUMALAPURAM	594	18.074011	80.095338	5.11	II	OOTAI NORTH
515	18.020702	79.996609	51.28	V	SADIREDDY PALLI	555	17.857408	80.135361	30.76	III	THIRUMALAPURAM	595	18.048137	80.093255	8.19	II	OOTAI NORTH
516	18.054118	80.008322	40.29	V	SADIREDDY PALLI	556	17.846328	80.134474	76.41	IV	THIRUMALAPURAM	596	18.034002	80.097452	16.86	II	OOTAI NORTH
517	17.992829	80.016446	10.32	I	YANCHAGUDA (S)	557	17.897135	80.059351	23.08	II	KISHTAPUR	597	18.045488	80.097363	10.53	II	OOTAI NORTH
518	18.008663	80.011611	12.74	II	YANCHAGUDA (S)	558	17.908135	80.030793	14.76	II	KISHTAPUR	598	18.070753	80.097713	9.50	II	OOTAI NORTH
519	18.008645	80.015187	10.68	II	YANCHAGUDA (S)	559	17.900328	80.059032	8.69	II	KISHTAPUR	599	18.054053	80.104487	11.44	IV	OOTAI NORTH
520	18.000244	80.014252	21.06	II	YANCHAGUDA (S)	560	17.909032	80.035620	9.10	II	KISHTAPUR	600	18.037290	80.104301	24.14	IV	OOTAI NORTH
521	17.989783	80.016217	13.49	II	YANCHAGUDA (S)	561	17.901866	80.059703	13.91	II	KISHTAPUR	601	18.052789	80.107348	40.80	V	OOTAI NORTH
522	18.004102	80.013194	29.61	III	YANCHAGUDA (S)	562	17.898356	80.066723	14.08	II	KISHTAPUR	602	18.038911	80.068131	8.47	I	OOTAI WEST
523	17.821452	80.090681	20.33	II	KARLAI	563	17.908574	80.029248	23.53	II	KISHTAPUR	603	18.035824	80.073628	8.47	I	OOTAI WEST
524	17.820762	80.085097	11.62	II	KARLAI	564	17.896569	80.053633	18.87	II	KISHTAPUR	604	18.055641	80.061416	11.62	II	OOTAI WEST
525	17.820690	80.083794	19.60	II	KARLAI	565	17.897455	80.027556	6.68	IV	KISHTAPUR	605	18.047736	80.060560	12.76	II	OOTAI WEST
526	17.814554	80.090757	18.90	II	KARLAI	566	17.928376	80.019739	10.01	II	KOTHAGUDA	606	18.040351	80.074975	11.15	II	OOTAI WEST
527	17.812006	80.076016	11.39	II	KARLAI	567	17.927492	80.015644	14.56	II	KOTHAGUDA	607	18.056257	80.065731	9.98	II	OOTAI WEST
528	17.826741	80.086678	34.36	III	KARLAI	568	17.928913	80.018316	6.86	II	KOTHAGUDA	608	18.038756	80.063505	7.13	II	OOTAI WEST
529	17.811768	80.080462	32.10	V	KARLAI	569	17.919525	80.019950	14.60	II	KOTHAGUDA	609	18.044879	80.071910	10.34	II	OOTAI WEST
530	17.828486	80.090728	62.80	IV	KARLAI	570	17.898775	80.010092	10.82	IV	KOTHAGUDA	610	18.050211	80.054209	7.38	II	OOTAI WEST
531	17.810686	80.140317	20.40	II	KARLAI SOUTH	571	17.899911	80.005356	19.90	IV	KOTHAGUDA	611	18.032679	80.061234	5.01	II	OOTAI WEST
532	17.808506	80.140875	12.72	II	KARLAI SOUTH	572	17.898688	80.006639	19.84	IV	KOTHAGUDA	612	18.035087	80.064057	14.02	II	OOTAI WEST
533	17.814736	80.140551	21.08	II	KARLAI SOUTH	573	17.896501	80.014996	20.86	IV	KOTHAGUDA	613	18.050125	80.071258	7.10	II	OOTAI WEST
534	17.803375	80.087786	23.10	II	KARLAI SOUTH	574	17.899810	80.012708	17.87	IV	KOTHAGUDA	614	18.056132	80.069435	8.35	II	OOTAI WEST
535	17.803051	80.139824	20.61	II	KARLAI SOUTH	575	17.906063	80.016194	22.62	IV	KOTHAGUDA	615	18.049249	80.060674	9.00	II	OOTAI WEST
536	17.798781	80.099707	29.41	III	KARLAI SOUTH	576	17.904228	80.022536	25.25	V	KOTHAGUDA	616	18.046176	80.056775	8.93	II	OOTAI WEST
537	17.803343	80.098672	11.94	IV	KARLAI SOUTH	577	17.897300	79.999537	27.98	V	KOTHAGUDA	617	18.047903	80.075688	22.83	II	OOTAI WEST
538	17.805004	80.099036	6.29	IV	KARLAI SOUTH	578	17.896794	79.996179	28.05	V	KOTHAGUDA	618	18.027254	80.098238	14.94	II	OOTAL CENTRAL
539	17.794552	80.082274	80.83	V	KARLAI SOUTH	579	17.909775	80.018809	44.66	V	KOTHAGUDA	619	18.066041	80.085982	19.00	II	OOTAL CENTRAL
540	17.803299	80.083121	65.76	V	KARLAI SOUTH	580	17.884248	80.126725	6.37	I	POLARAM	620	18.057500	80.080503	7.80	II	OOTAL CENTRAL

## List of Proposed PTs – Kothaguda 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
621	18.065461	80.083106	6.57	II	OOTAL CENTRAL	661	18.079876	80.105395	7.85	I	RAMPUR NORTH	701	18.002317	80.149089	9.89	IV	JANGAVANIGUDEM
622	18.025945	80.109922	16.88	II	OOTAL CENTRAL	662	18.073051	80.111080	11.74	II	RAMPUR NORTH	702	18.001459	80.147566	7.92	IV	JANGAVANIGUDEM
623	18.022739	80.100781	6.46	II	OOTAL CENTRAL	663	18.052192	80.128008	15.27	II	RAMPUR NORTH	703	17.998775	80.146630	10.04	IV	JANGAVANIGUDEM
624	18.024770	80.113983	17.85	II	OOTAL CENTRAL	664	18.067364	80.112163	9.71	II	RAMPUR NORTH	704	17.992110	80.156725	29.47	V	JANGAVANIGUDEM
625	18.043886	80.083557	4.64	II	OOTAL CENTRAL	665	18.081052	80.109188	7.54	II	RAMPUR NORTH	705	17.971177	80.170672	10.96	II	KARNAGANDI
626	18.025593	80.101722	9.03	II	OOTAL CENTRAL	666	18.051772	80.135303	16.48	II	RAMPUR NORTH	706	17.971811	80.159025	6.72	II	KARNAGANDI
627	18.052223	80.076549	6.51	II	OOTAL CENTRAL	667	18.073187	80.106103	18.95	II	RAMPUR NORTH	707	17.973386	80.158123	5.00	II	KARNAGANDI
628	18.024380	80.102630	13.80	II	OOTAL CENTRAL	668	18.063677	80.115030	12.94	II	RAMPUR NORTH	708	17.971951	80.179875	5.03	II	KARNAGANDI
629	18.040991	80.085021	11.09	II	OOTAL CENTRAL	669	18.052113	80.132778	12.48	II	RAMPUR NORTH	709	17.966769	80.155654	10.75	II	KARNAGANDI
630	18.034857	80.102328	9.06	II	OOTAL CENTRAL	670	18.076413	80.110555	10.39	II	RAMPUR NORTH	710	17.973775	80.176944	7.03	II	KARNAGANDI
631	18.054643	80.082753	14.13	II	OOTAL CENTRAL	671	18.072614	80.115462	11.68	IV	RAMPUR NORTH	711	17.974262	80.163481	11.54	II	KARNAGANDI
632	18.023510	80.103427	7.83	II	OOTAL CENTRAL	672	18.072547	80.108167	19.44	II	RAMPUR NORTH	712	17.979761	80.159679	8.46	II	KARNAGANDI
633	18.048709	80.087652	5.26	II	OOTAL CENTRAL	673	18.071812	80.121134	58.12	IV	RAMPUR NORTH	713	17.962940	80.156613	7.26	II	KARNAGANDI
634	18.029518	80.109713	42.96	III	OOTAL CENTRAL	674	18.055584	80.130271	44.65	V	RAMPUR NORTH	714	17.972792	80.178125	7.25	II	KARNAGANDI
635	18.078181	80.060073	12.97	I	PATHIPALLI EAST	675	18.032975	80.167796	12.60	II	RAMPUR SOUTH	715	17.971396	80.169325	11.83	II	KARNAGANDI
636	18.070520	80.068696	9.12	I	PATHIPALLI EAST	676	18.032213	80.152885	19.41	II	RAMPUR SOUTH	716	17.962193	80.151499	34.39	III	KARNAGANDI
637	18.067522	80.077375	7.03	I	PATHIPALLI EAST	677	18.040786	80.149991	7.13	II	RAMPUR SOUTH	717	17.971482	80.181022	7.01	IV	KARNAGANDI
638	18.075134	80.069121	15.95	II	PATHIPALLI EAST	678	18.030687	80.159503	9.51	IV	RAMPUR SOUTH	718	17.970020	80.163797	12.04	IV	KARNAGANDI
639	18.066894	80.079774	17.60	II	PATHIPALLI EAST	679	18.035963	80.145613	91.11	IV	RAMPUR SOUTH	719	18.015713	80.185224	17.97	I	PONUGONDLA-1
640	18.066039	80.068759	9.50	II	PATHIPALLI EAST	680	17.920102	80.119759	6.10	II	BOTHAVANIGUDEM	720	17.997600	80.194169	6.39	II	PONUGONDLA-1
641	18.073784	80.059262	14.18	II	PATHIPALLI EAST	681	17.922166	80.118476	8.96	II	BOTHAVANIGUDEM	721	18.013192	80.189162	14.23	II	PONUGONDLA-1
642	18.070233	80.056714	6.99	II	PATHIPALLI EAST	682	17.927360	80.118838	9.07	II	BOTHAVANIGUDEM	722	18.012868	80.178123	7.31	II	PONUGONDLA-1
643	18.078828	80.054035	7.29	II	PATHIPALLI EAST	683	17.933065	80.143597	9.90	IV	BOTHAVANIGUDEM	723	18.005671	80.185408	11.44	II	PONUGONDLA-1
644	18.070813	80.076715	14.62	II	PATHIPALLI EAST	684	17.926359	80.141134	7.26	IV	BOTHAVANIGUDEM	724	18.001310	80.173815	9.35	II	PONUGONDLA-1
645	18.075349	80.052363	11.60	II	PATHIPALLI EAST	685	17.960043	80.133692	4.93	II	MUSMI-1	725	17.999807	80.193948	7.04	II	PONUGONDLA-1
646	18.067896	80.060455	8.90	II	PATHIPALLI EAST	686	17.971343	80.144370	8.46	II	MUSMI-1	726	18.030301	80.183355	15.99	II	PONUGONDLA-1
647	18.081212	80.054935	8.99	II	PATHIPALLI EAST	687	17.954411	80.144096	7.03	II	MUSMI-1	727	18.002472	80.180032	27.64	III	PONUGONDLA-1
648	18.073071	80.059983	5.83	II	PATHIPALLI EAST	688	17.952528	80.133900	10.00	IV	MUSMI-1	728	18.022862	80.186915	48.17	III	PONUGONDLA-1
649	18.069225	80.054822	9.69	II	PATHIPALLI EAST	689	17.944915	80.143661	13.70	II	MUSMI-II	729	18.022990	80.192482	36.28	III	PONUGONDLA-1
650	18.077284	80.052244	6.21	II	PATHIPALLI EAST	690	17.942026	80.137303	7.44	II	MUSMI-II	730	18.021228	80.198963	10.91	IV	PONUGONDLA-1
651	18.061519	80.063448	18.67	II	PATHIPALLI EAST	691	17.997398	80.137437	6.10	II	JANGAVANIGUDEM	731	18.015113	80.195873	7.18	IV	PONUGONDLA-1
652	18.069463	80.078877	42.79	III	PATHIPALLI EAST	692	17.996627	80.142426	18.17	II	JANGAVANIGUDEM	732	17.993593	80.195371	63.85	V	PONUGONDLA-1
653	18.078302	80.071214	35.01	V	PATHIPALLI EAST	693	17.990599	80.148123	14.35	II	JANGAVANIGUDEM	733	18.000603	80.180847	12.38	II	PONUGONDLA-II
654	18.036660	80.129519	13.28	I	RAMPUR CENTRAL	694	17.986764	80.154646	17.39	II	JANGAVANIGUDEM	734	17.998879	80.186191	20.52	II	PONUGONDLA-II
655	18.035807	80.130356	5.91	II	RAMPUR CENTRAL	695	17.988210	80.141427	6.26	II	JANGAVANIGUDEM	735	17.985871	80.190714	9.61	II	PONUGONDLA-II
656	18.042918	80.119883	14.44	II	RAMPUR CENTRAL	696	17.997174	80.150511	6.75	II	JANGAVANIGUDEM	736	17.995547	80.188462	15.42	II	PONUGONDLA-II
657	18.015548	80.129828	7.45	II	RAMPUR CENTRAL	697	17.982790	80.157685	7.65	II	JANGAVANIGUDEM	737	17.995620	80.157509	5.28	IV	PONUGONDLA-II
658	18.038983	80.126972	13.41	II	RAMPUR CENTRAL	698	17.995948	80.151135	11.21	II	JANGAVANIGUDEM	738	17.997733	80.160807	8.21	IV	PONUGONDLA-II
659	18.022856	80.129980	7.73	IV	RAMPUR CENTRAL	699	17.992200	80.144996	8.73	II	JANGAVANIGUDEM	739	18.015797	80.151795	7.06	I	PONUGONDLA (C)
660	18.037480	80.115866	12.08	IV	RAMPUR CENTRAL	700	17.997746	80.149773	5.67	IV	JANGAVANIGUDEM	740	18.023526	80.176437	8.01	II	PONUGONDLA (C)

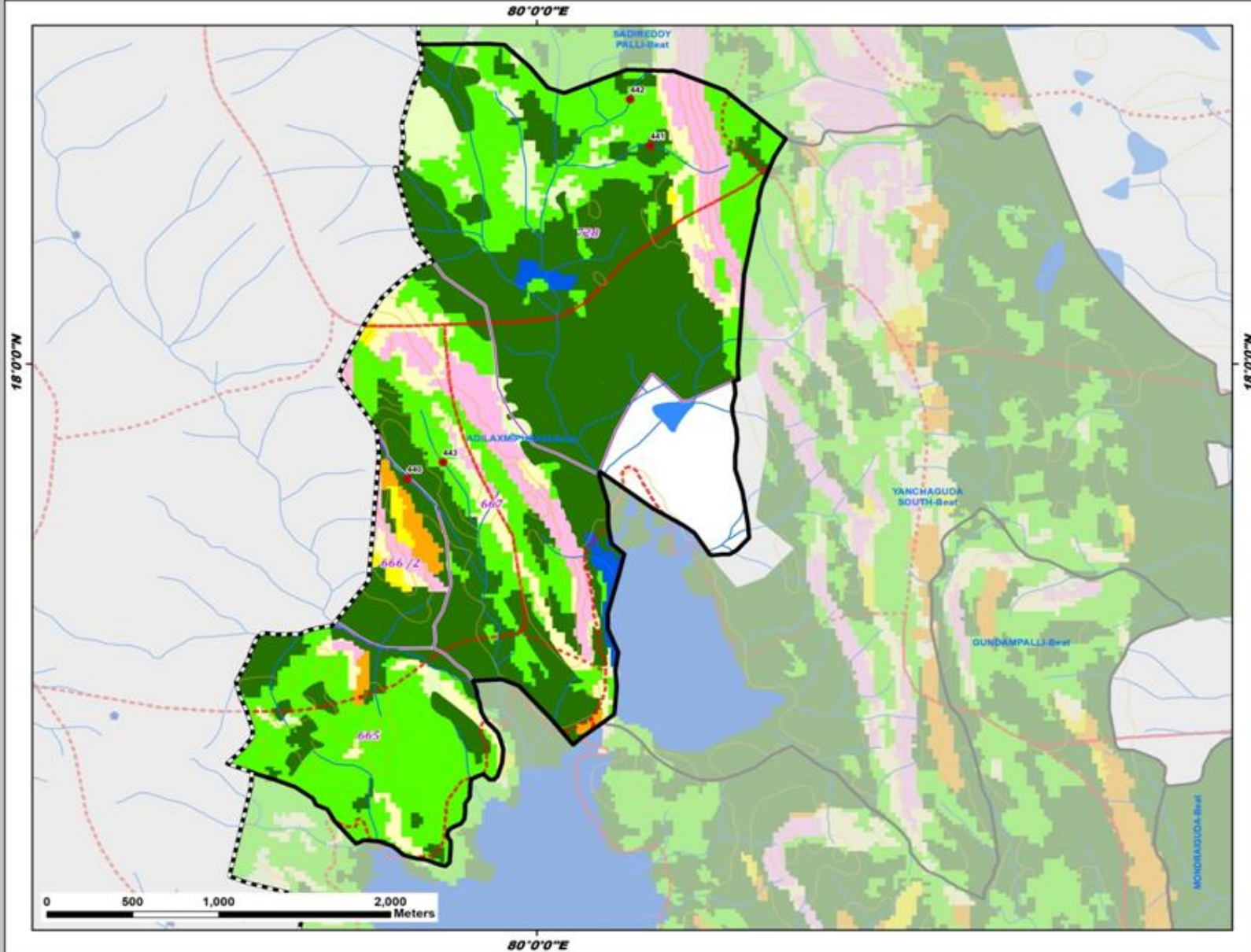
## List of Proposed PTs – Kothaguda Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
741	18.021182	80.160263	9.09	II	PONUGONDLA CENTRAL
742	18.020068	80.146057	18.79	II	PONUGONDLA CENTRAL
743	18.023750	80.167842	15.58	II	PONUGONDLA CENTRAL
744	18.022114	80.160730	12.99	II	PONUGONDLA CENTRAL
745	18.020868	80.156400	10.43	II	PONUGONDLA CENTRAL
746	18.025866	80.171159	13.62	II	PONUGONDLA CENTRAL
747	18.022163	80.141025	5.35	II	PONUGONDLA CENTRAL
748	18.024848	80.138649	13.57	II	PONUGONDLA CENTRAL
749	18.012552	80.151716	12.51	IV	PONUGONDLA CENTRAL
750	18.011757	80.123083	5.02	I	PONUGONDLA SOUTH
751	18.013810	80.163697	19.24	II	PONUGONDLA SOUTH
752	18.004510	80.135179	8.76	II	PONUGONDLA SOUTH
753	18.004458	80.168997	11.93	II	PONUGONDLA SOUTH
754	18.018614	80.164272	9.79	II	PONUGONDLA SOUTH
755	18.007340	80.134282	14.03	II	PONUGONDLA SOUTH
756	18.009474	80.165702	10.00	II	PONUGONDLA SOUTH
757	18.007470	80.146537	10.84	IV	PONUGONDLA SOUTH
758	18.003460	80.157366	9.22	IV	PONUGONDLA SOUTH
759	18.006505	80.141265	25.00	IV	PONUGONDLA SOUTH
760	18.005398	80.142549	7.41	IV	PONUGONDLA SOUTH
761	18.004893	80.161284	25.39	V	PONUGONDLA SOUTH
762	18.012028	80.142318	30.95	V	PONUGONDLA SOUTH
763	18.008625	80.158325	39.89	V	PONUGONDLA SOUTH
764	17.987160	80.147871	12.20	I	RANGAPPGUDA BEAT
765	17.977780	80.150278	9.67	II	RANGAPPGUDA BEAT
766	17.979011	80.152324	6.11	II	RANGAPPGUDA BEAT

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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area ha	Priority
440	17.993498	79.993225	11.44	I
441	18.012367	80.005935	16.90	I
442	18.014991	80.004894	15.75	II
443	17.994427	79.995108	12.19	II

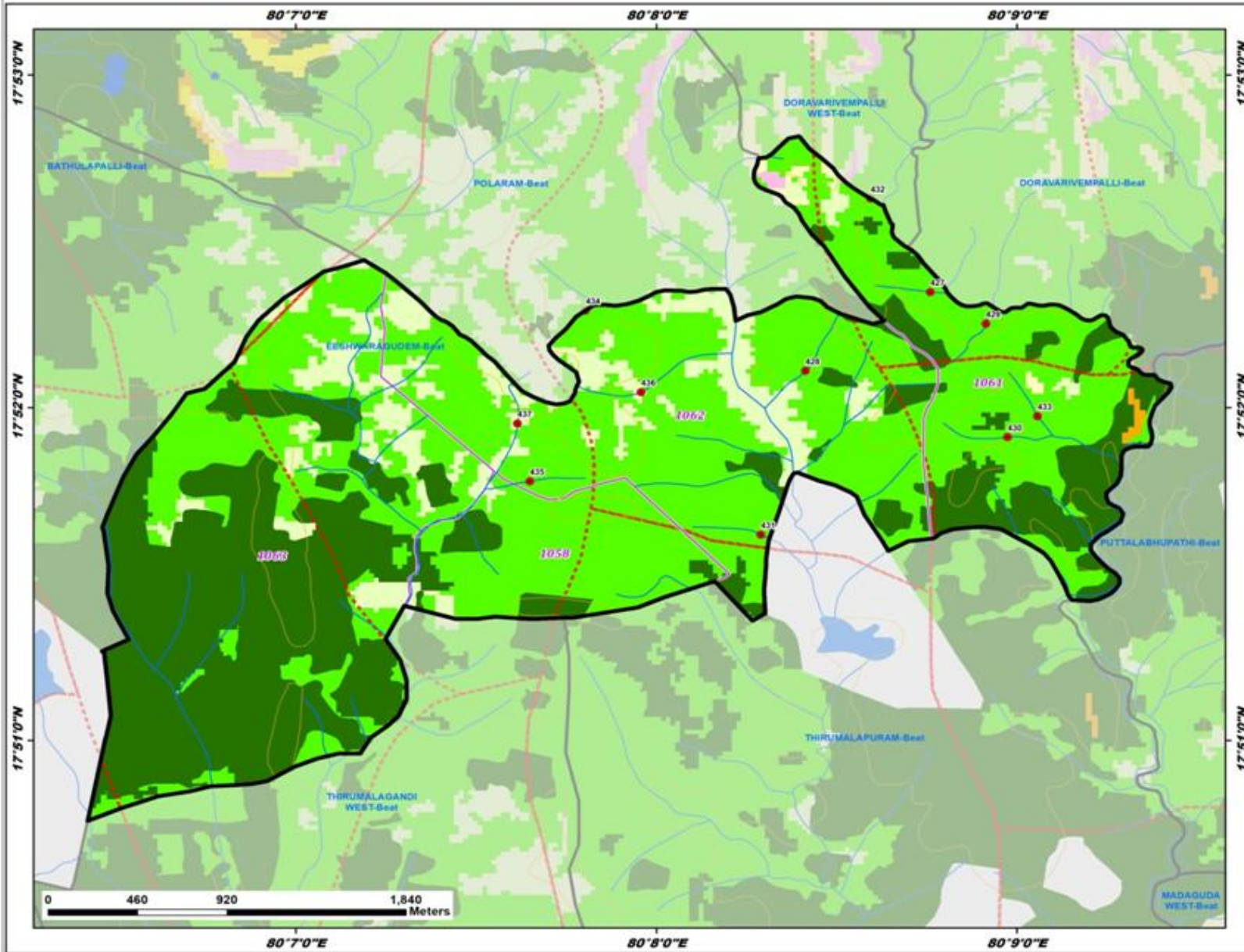
### Legend

- 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 Eeshwaragudem Beat



Division : Guduru WLM  
Range : Kothaguda



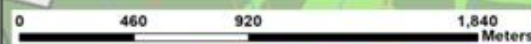
ID	Latitude	Longitude	Catchment Area_ha	Priority
427	17.872454	80.146007	14.14	II
428	17.868509	80.140236	11.03	II
429	17.870861	80.148575	10.46	II
430	17.865190	80.149576	16.35	II
431	17.860308	80.138168	12.29	II
432	17.877132	80.143244	10.40	II
433	17.866238	80.150956	9.66	II
434	17.871526	80.130071	10.91	II
435	17.862976	80.127488	15.78	II
436	17.867442	80.132639	19.21	IV
437	17.865868	80.126919	13.86	IV

**Legend**

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

**Suitability Index**

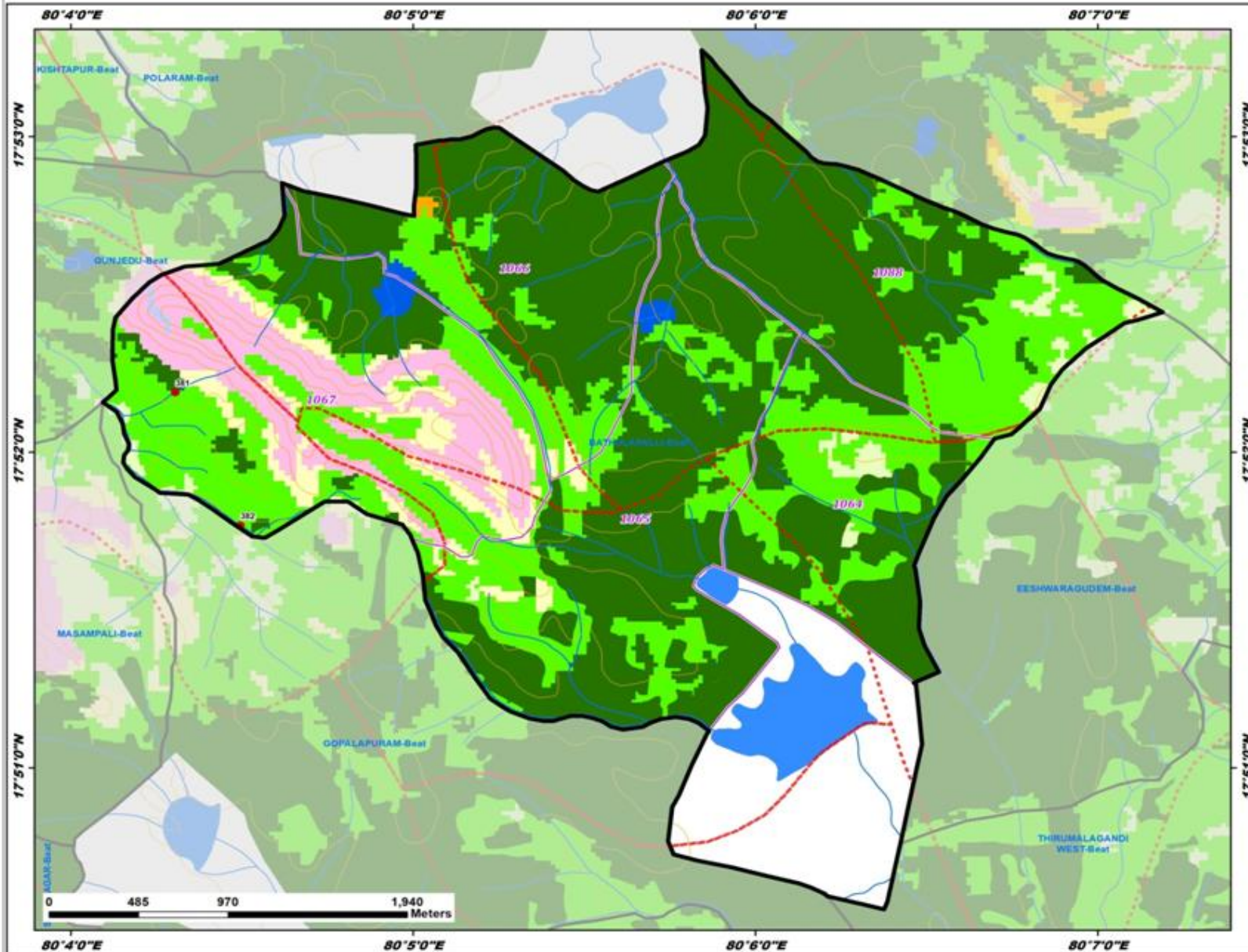
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
381	17.869818	80.071757	10.89	II
382	17.862785	80.074930	70.76	IV

### Legend

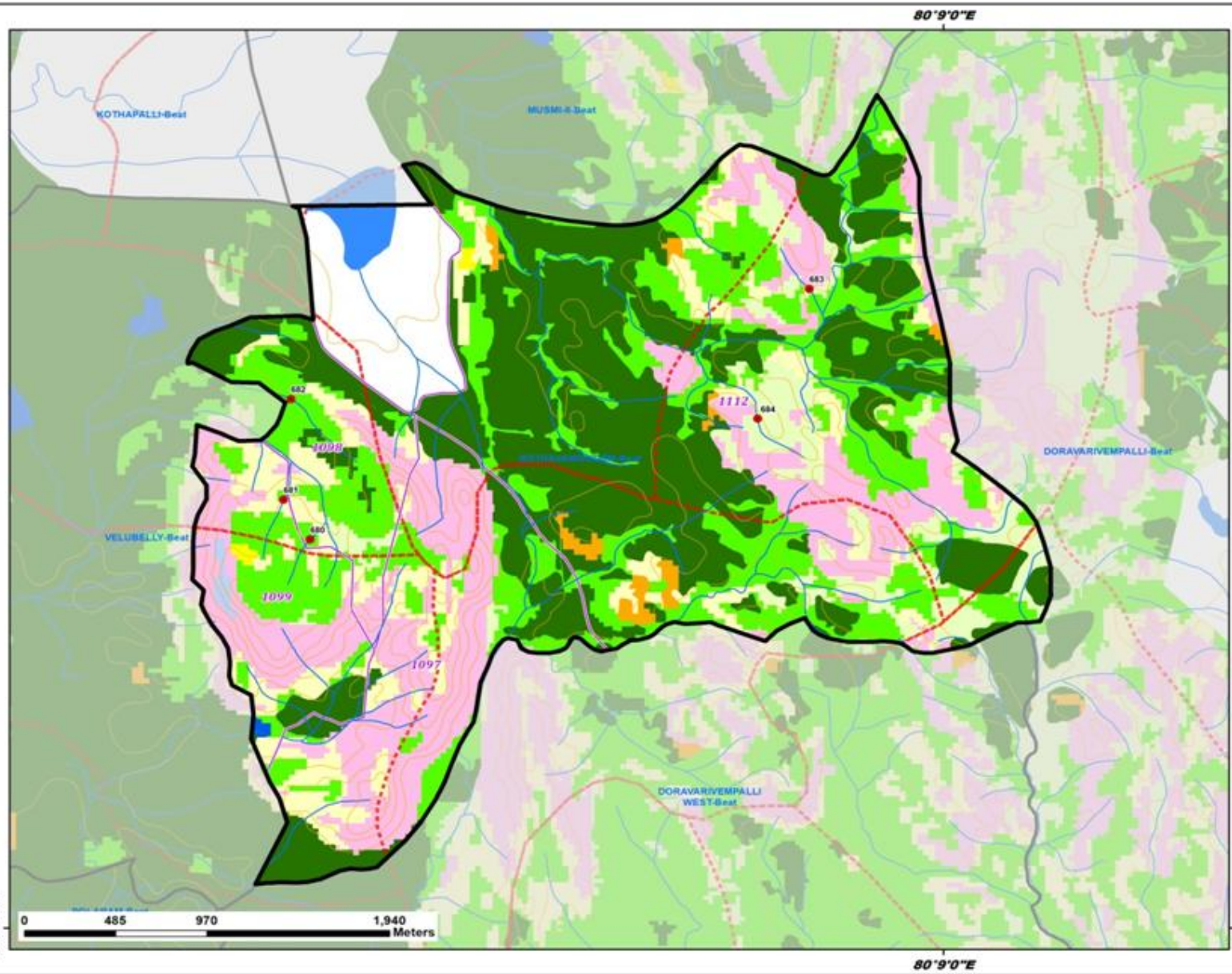
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - - - Watershed Boundary
  - - - Compartment Boundary
  - ▭ Beat Boundary
  - ▭ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable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



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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
680	17.920102	80.119759	6.10	II
681	17.922166	80.118476	8.96	II
682	17.927360	80.118838	9.07	II
683	17.933065	80.143597	9.90	IV
684	17.926359	80.141134	7.26	IV

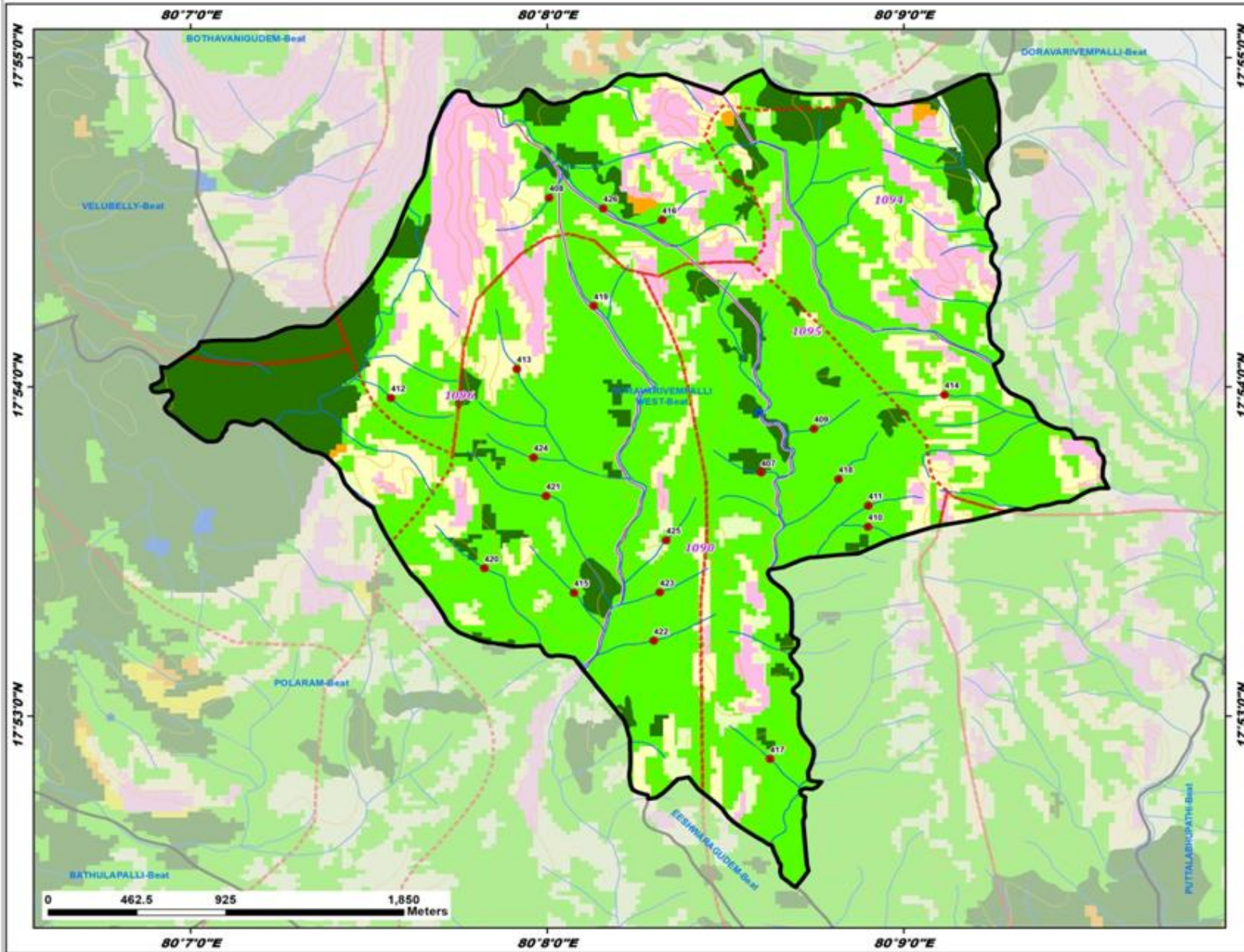
### Legend

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

# Map Showing Suitability index for Construction of SMC Works of Doravarivempalli West Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
407	17.895657	80.143347	10.35	I
408	17.909569	80.133436	7.51	II
409	17.897883	80.145814	10.82	II
410	17.892919	80.148342	6.51	II
411	17.893980	80.148348	6.43	II
412	17.899433	80.126035	8.79	II
413	17.900901	80.131920	8.03	II
414	17.899596	80.151920	10.29	II
415	17.889571	80.134603	8.89	II
416	17.908445	80.138716	10.56	II
417	17.881160	80.143762	14.08	II
418	17.895321	80.146957	12.07	II
419	17.904099	80.135524	20.48	II
420	17.890814	80.130401	10.20	II
421	17.894478	80.133286	18.27	II
422	17.887144	80.138326	11.36	II
423	17.889595	80.138602	6.95	II
424	17.896418	80.132704	4.96	II
425	17.892232	80.138908	7.32	IV
426	17.909030	80.135964	35.61	III

**Legend**

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

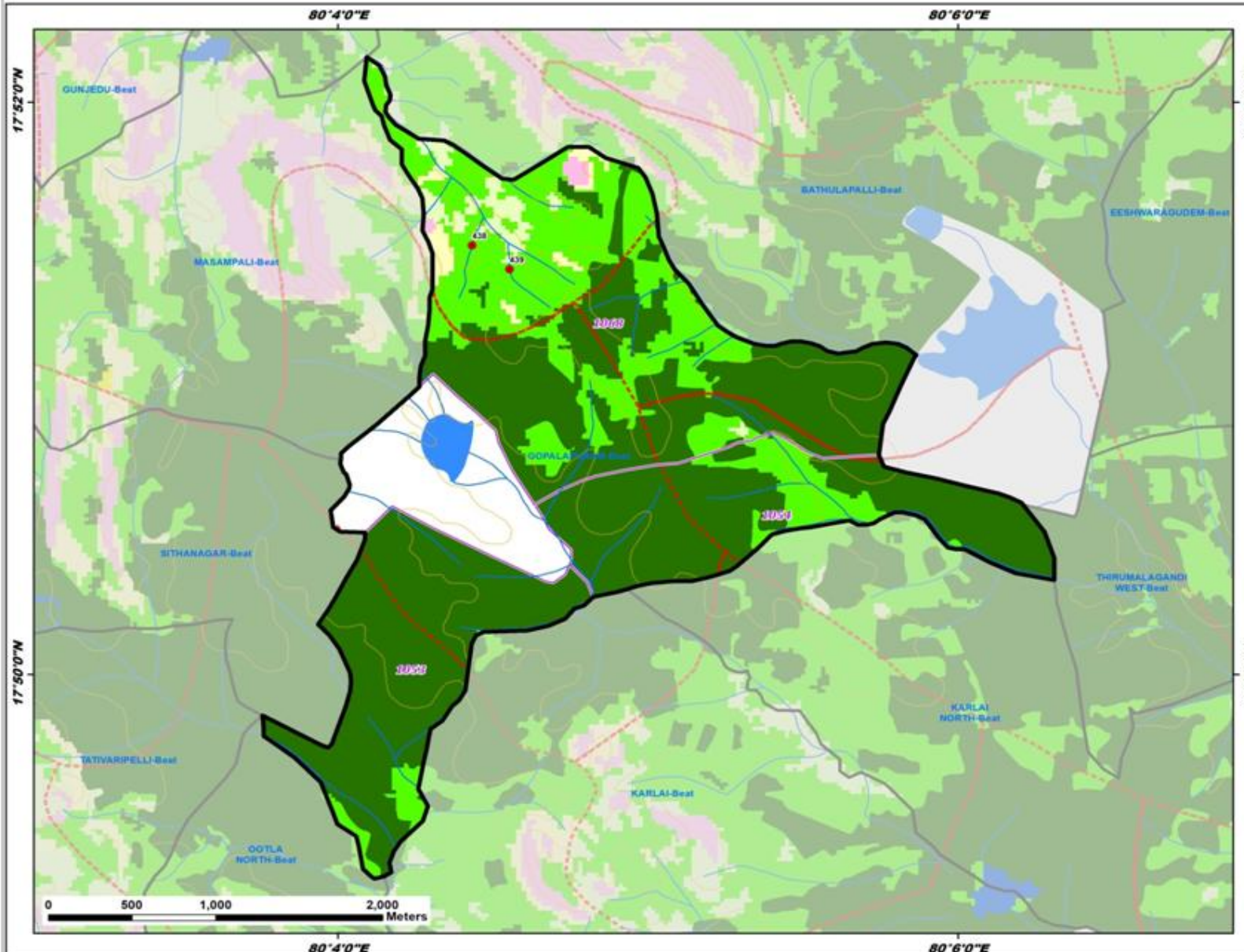
**Suitability Index**

- 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 Gopalapuram Beat



Division : Guduru WLM  
Range : Kothaguda



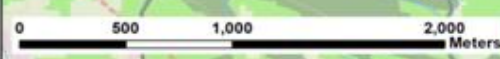
ID	Latitude	Longitude	Catchment Area_ha	Priority
438	17.858321	80.073885	12.39	II
439	17.856925	80.075904	14.11	II

**Legend**

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

**Suitability Index**

- CCTs/SCTs - Highly Suitable
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- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
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- PTs - Least Suitable
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17°52'0"N  
17°50'0"N

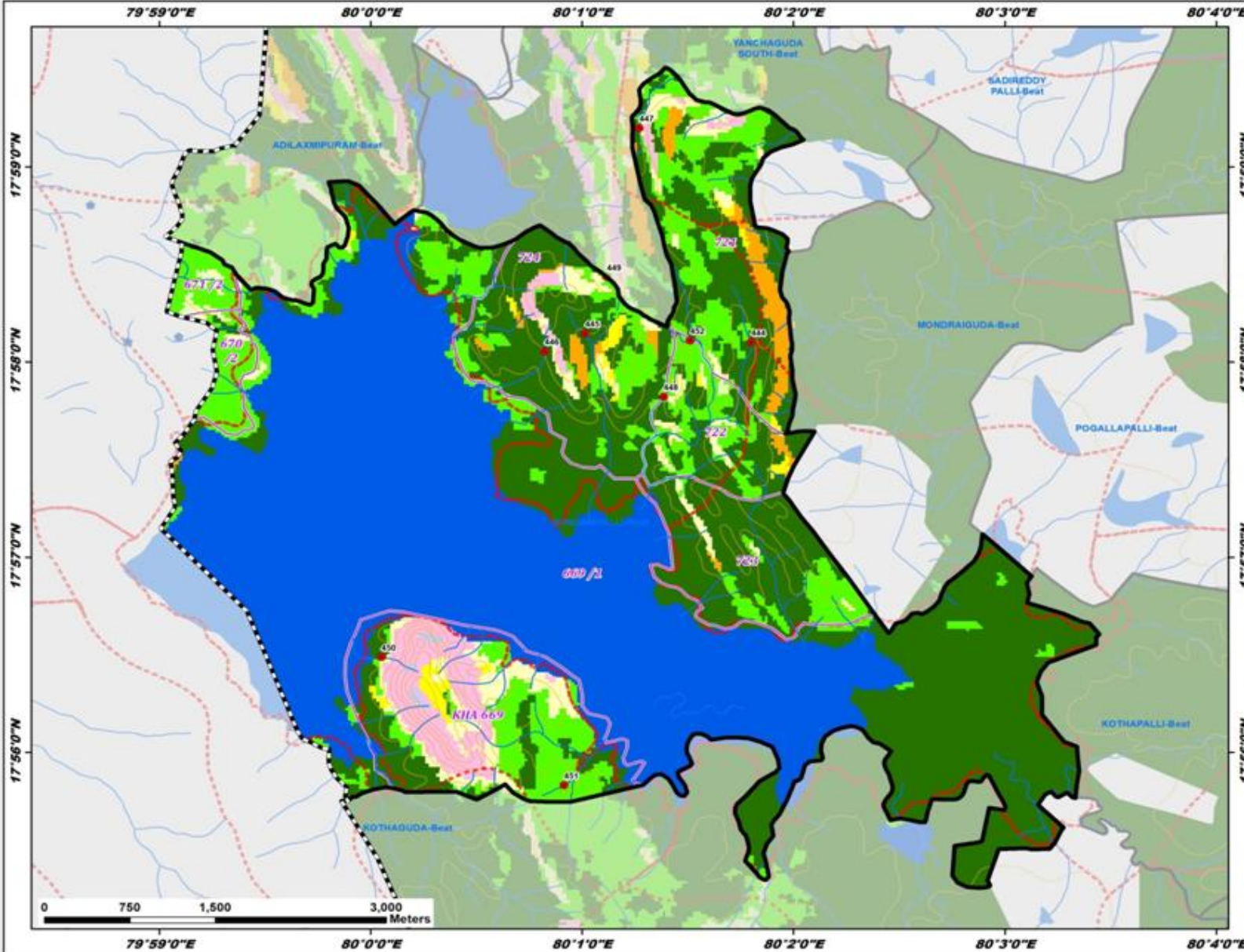
17°52'0"N  
17°50'0"N

80°4'0"E 80°6'0"E  
80°4'0"E 80°6'0"E

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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
444	17.968360	80.029990	24.24	I
445	17.969118	80.016911	12.70	I
446	17.967582	80.013712	5.43	I
447	17.986660	80.021178	23.43	I
448	17.961709	80.023098	14.08	II
449	17.973941	80.018620	14.96	II
450	17.941476	80.000857	6.35	II
451	17.930524	80.015238	5.03	II
452	17.968517	80.025178	29.82	III

**Legend**

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

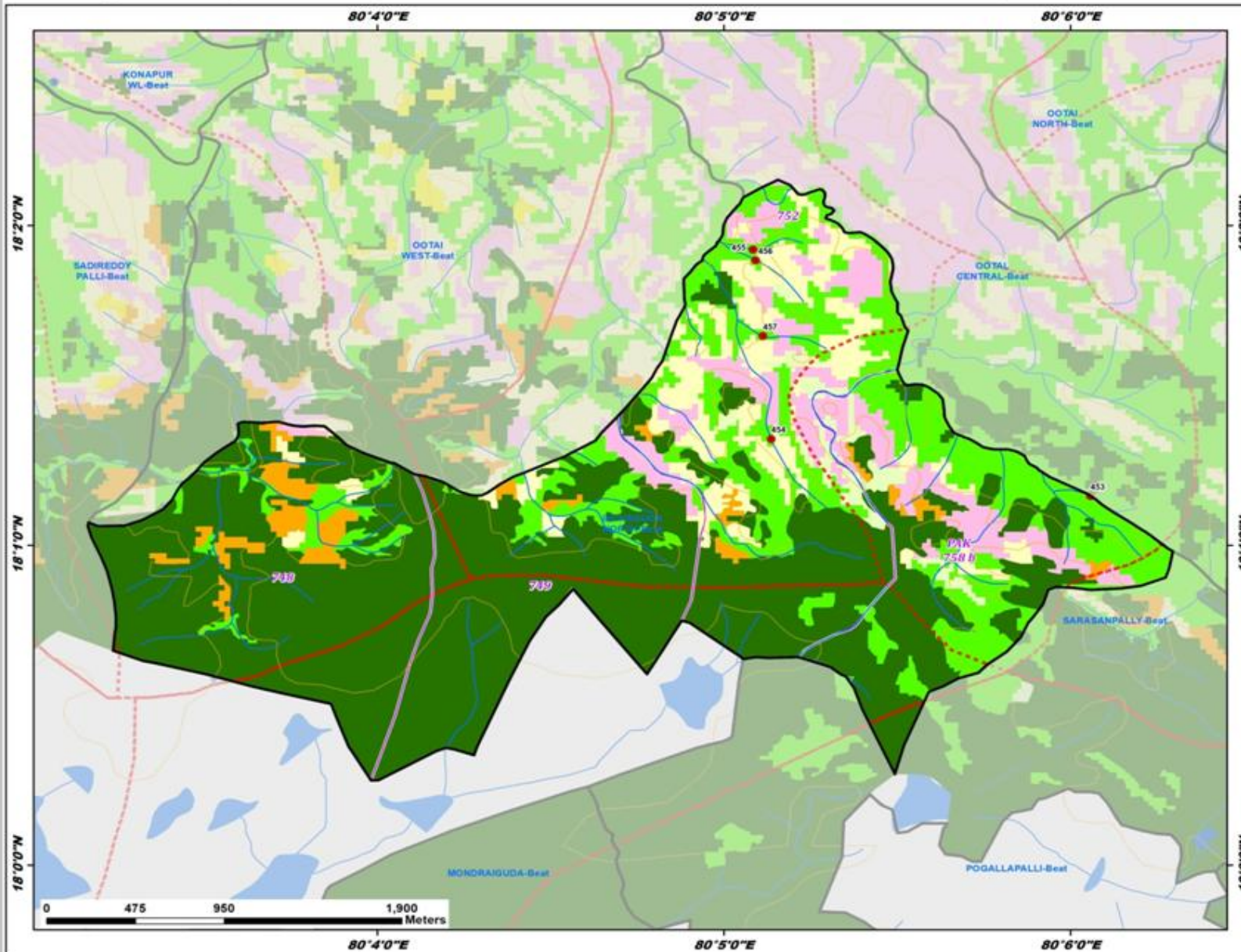
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Inchaguda North Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
453	18.019228	80.100957	14.96	I
454	18.022199	80.085607	15.77	II
455	18.032070	80.084735	4.85	II
456	18.031533	80.084860	7.77	II
457	18.027570	80.085207	10.33	II

**Legend**

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

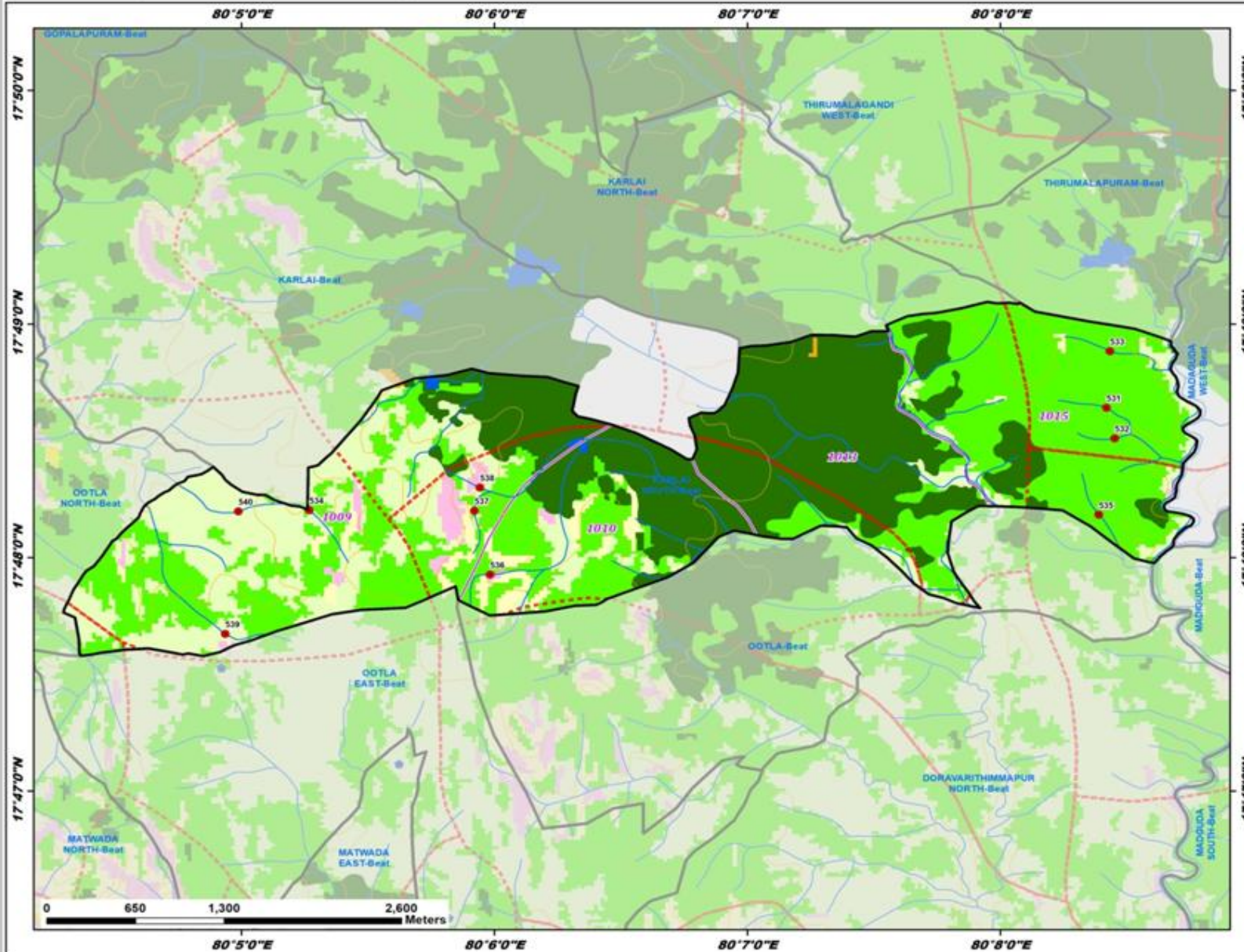
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Karlai South Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
531	17.810686	80.140317	20.40	II
532	17.808506	80.140875	12.72	II
533	17.814736	80.140551	21.08	II
534	17.803375	80.087786	23.10	II
535	17.803051	80.139824	20.61	II
536	17.798781	80.099707	29.41	III
537	17.803343	80.098672	11.94	IV
538	17.805004	80.099036	6.29	IV
539	17.794552	80.082274	80.83	V
540	17.803299	80.083121	65.76	V

**Legend**

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

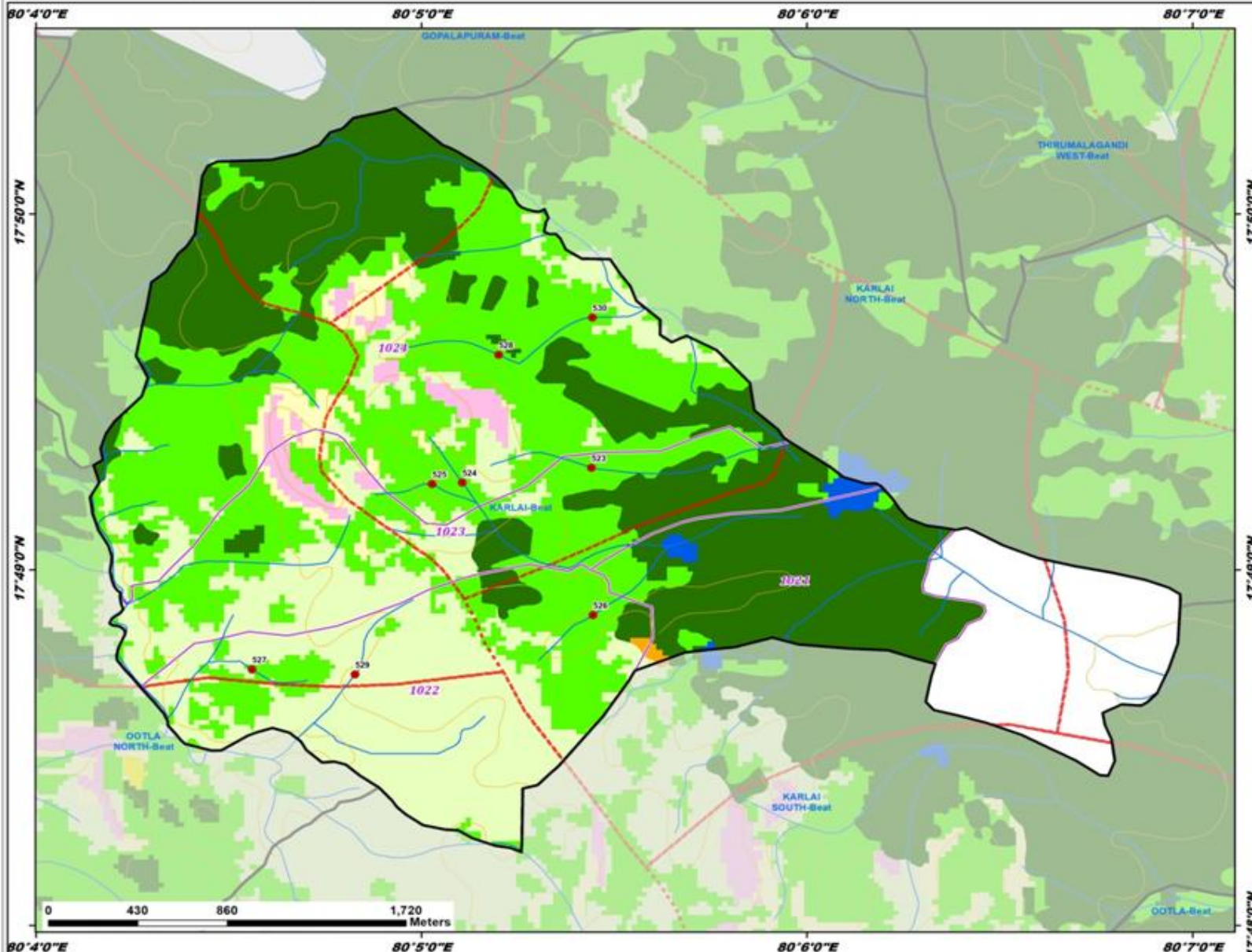
**Suitability Index**

- 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 Karlai Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
523	17.821452	80.090681	20.33	II
524	17.820762	80.085097	11.62	II
525	17.820690	80.083794	19.60	II
526	17.814554	80.090757	18.90	II
527	17.812006	80.076016	11.39	II
528	17.826741	80.086678	34.36	III
529	17.811768	80.080462	32.10	V
530	17.828486	80.090728	62.80	IV

**Legend**

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

**Suitability Index**

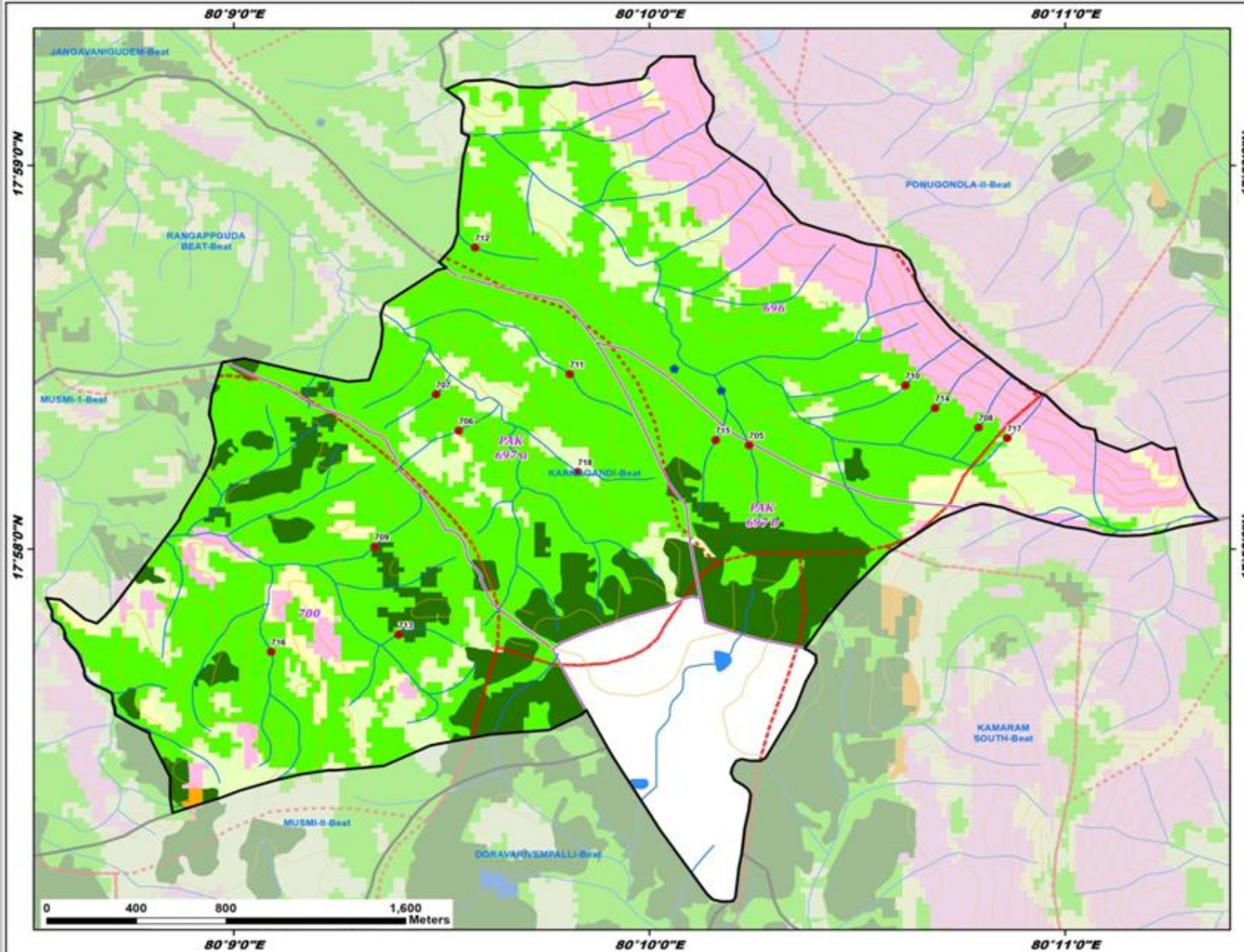
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

80°4'0"E      80°5'0"E      80°6'0"E      80°7'0"E

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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
705	17.971177	80.170672	10.96	II
706	17.971811	80.159025	6.72	II
707	17.973386	80.158123	5.00	II
708	17.971951	80.179875	5.03	II
709	17.966769	80.155654	10.75	II
710	17.973775	80.176944	7.03	II
711	17.974262	80.163481	11.54	II
712	17.979761	80.159679	8.46	II
713	17.962940	80.156613	7.26	II
714	17.972792	80.178125	7.25	II
715	17.971396	80.169325	11.83	II
716	17.962193	80.151499	34.39	III
717	17.971482	80.181022	7.01	IV
718	17.970020	80.163797	12.04	IV

**Legend**

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

**Suitability Index**

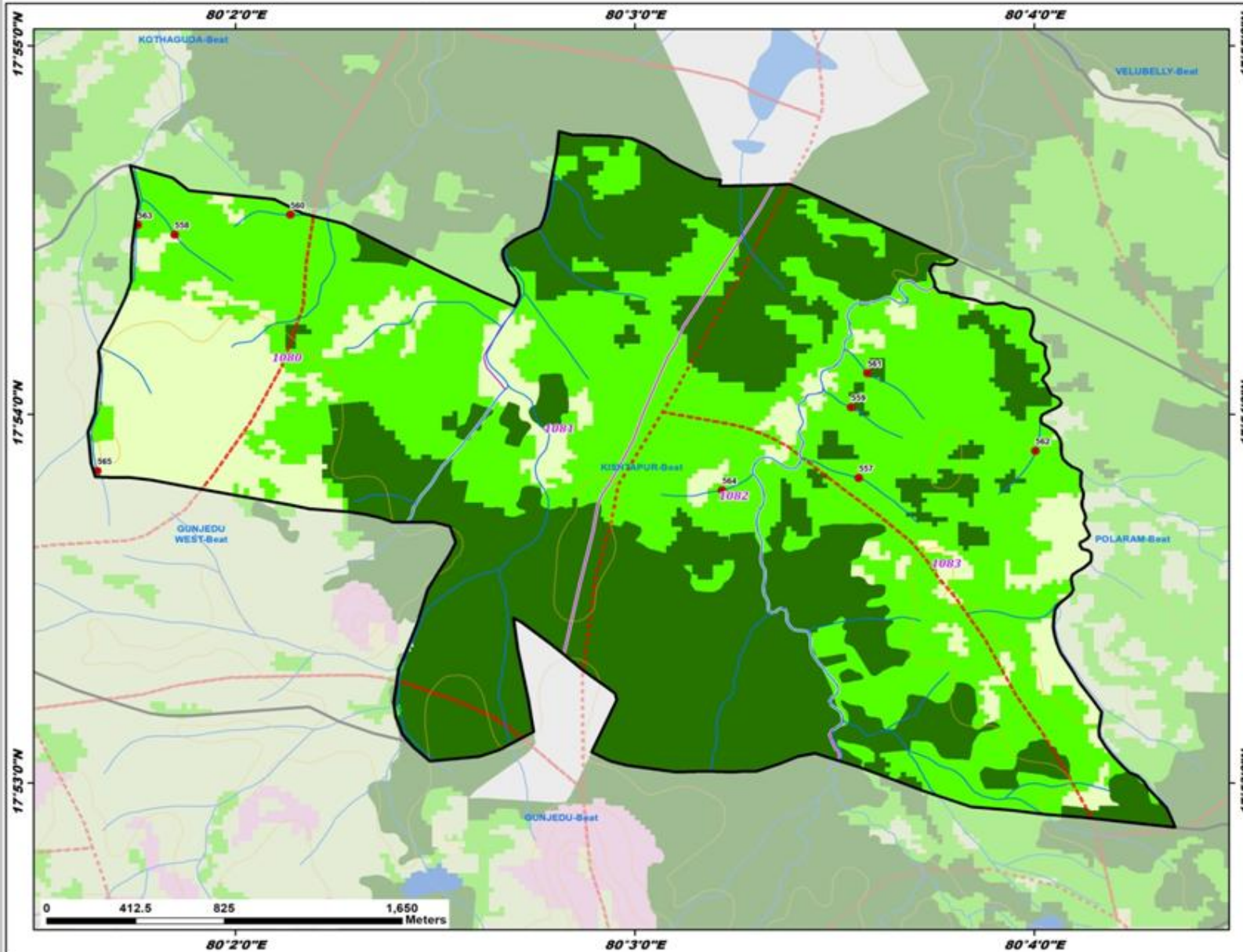
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
557	17.897135	80.059351	23.08	II
558	17.908135	80.030793	14.76	II
559	17.900328	80.059032	8.69	II
560	17.909032	80.035620	9.10	II
561	17.901866	80.059703	13.91	II
562	17.898356	80.066723	14.08	II
563	17.908574	80.029248	23.53	II
564	17.896569	80.053633	18.87	II
565	17.897455	80.027556	6.68	IV

**Legend**

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

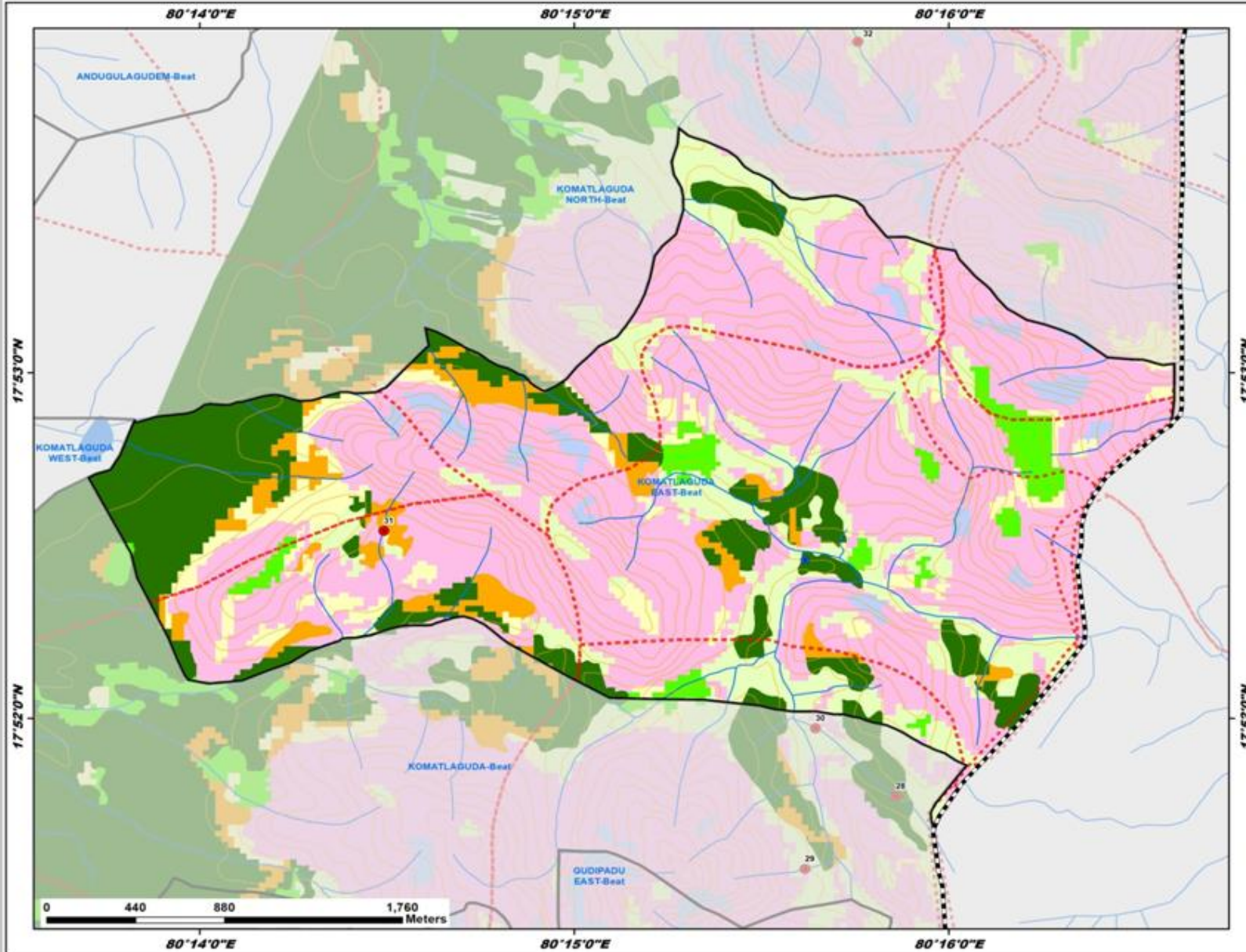
**Suitability Index**

- 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 Komatlaguda East Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
31	17.875697	80.241534	11.84	IV

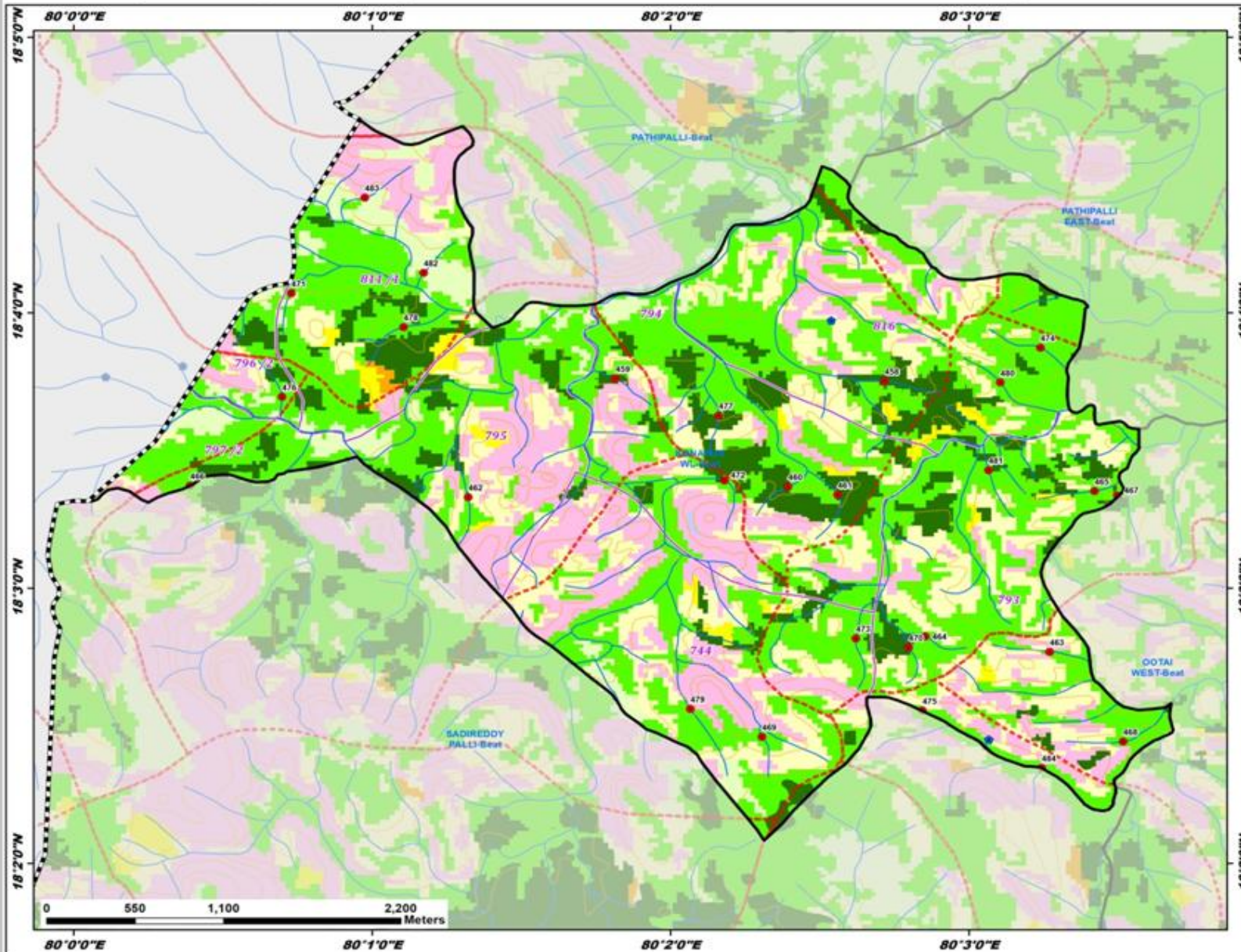
### Legend

- 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 Konapur WL Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
458	18.062538	80.045282	12.64	I
459	18.062682	80.030260	6.64	I
460	18.056143	80.039901	12.02	I
461	18.055645	80.042671	8.02	I
462	18.055500	80.022029	14.27	II
463	18.046137	80.054510	8.63	II
464	18.047071	80.047557	5.70	II
465	18.055872	80.057019	5.94	II
466	18.056206	80.006493	8.79	II
467	18.055591	80.058312	36.15	II
468	18.040709	80.058623	6.54	II
469	18.041005	80.038436	4.92	II
470	18.046406	80.046635	6.13	II
471	18.067852	80.012145	8.27	II
472	18.056512	80.036340	6.60	II
473	18.046949	80.043689	19.06	II
474	18.064558	80.053991	7.87	II
475	18.042591	80.047408	8.45	II
476	18.061578	80.011624	9.33	II
477	18.060445	80.036021	7.81	II
478	18.065801	80.018421	22.86	II
479	18.042692	80.034448	15.01	II
480	18.062448	80.051765	8.13	II
481	18.057135	80.051100	7.91	II
482	18.069082	80.019550	8.94	IV
483	18.073641	80.016257	8.87	IV
484	18.039113	80.054064	73.45	IV

**Legend**

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

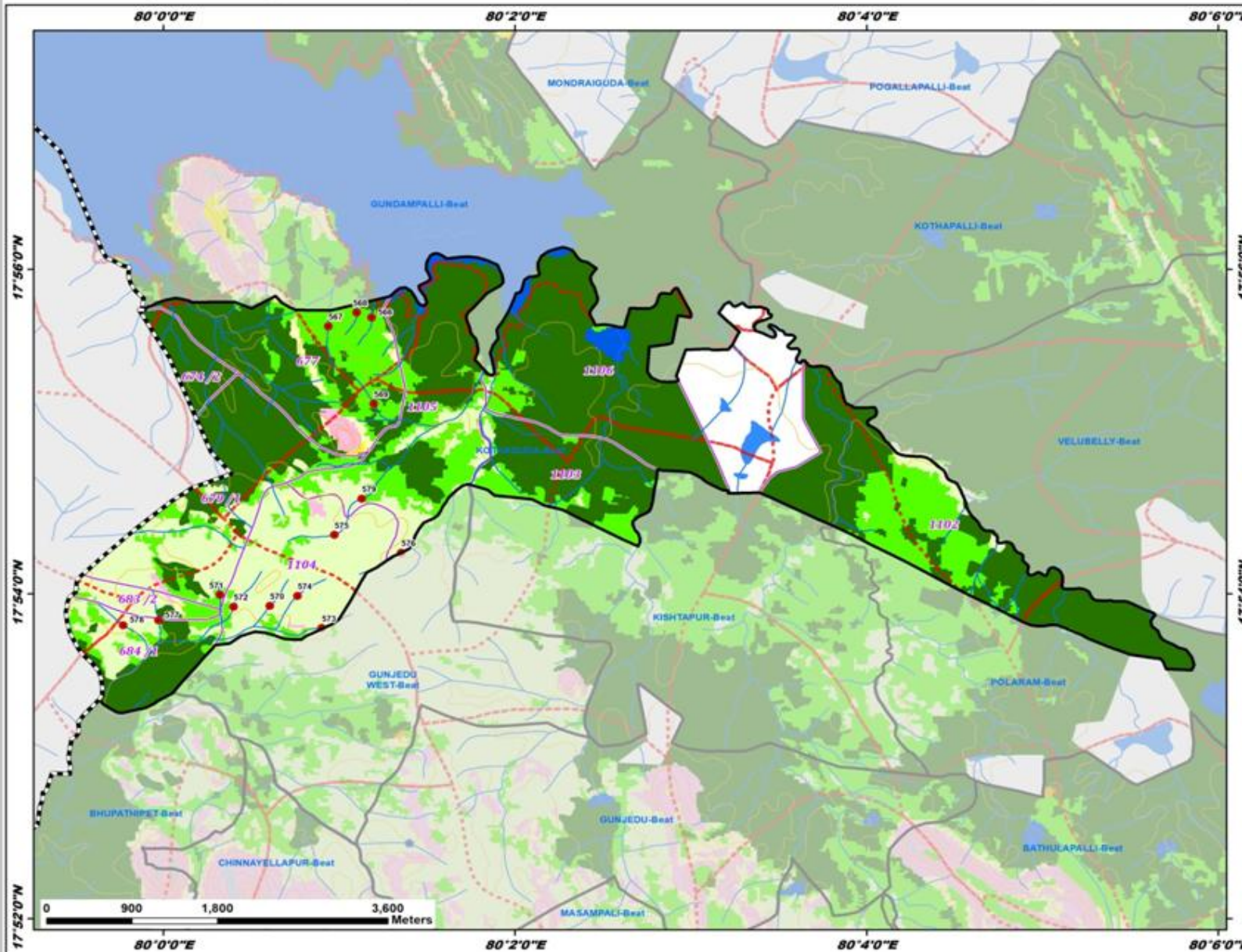
**Suitability Index**

- 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 Kothaguda Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
566	17.928376	80.019739	10.01	II
567	17.927492	80.015644	14.56	II
568	17.928913	80.018316	6.86	II
569	17.919525	80.019950	14.60	II
570	17.898775	80.010092	10.82	IV
571	17.899911	80.005356	19.90	IV
572	17.898688	80.006639	19.84	IV
573	17.896501	80.014996	20.86	IV
574	17.899810	80.012708	17.87	IV
575	17.906063	80.016194	22.62	IV
576	17.904228	80.022536	25.25	V
577	17.897300	79.999537	27.98	V
578	17.896794	79.996179	28.05	V
579	17.909775	80.018809	44.66	V

**Legend**

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

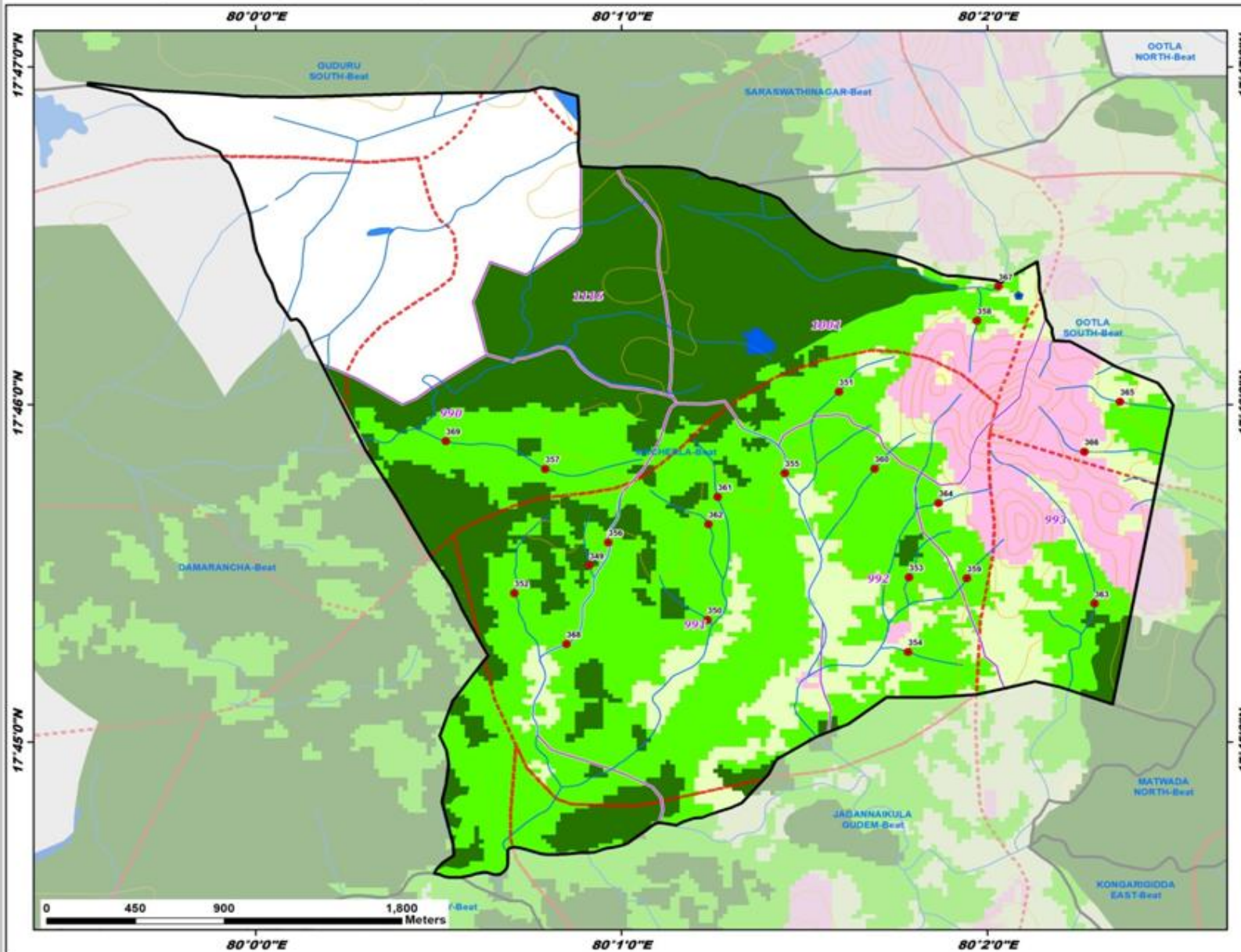
**Suitability Index**

- 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 Macherla Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
349	17.758730	80.015206	6.69	I
350	17.756033	80.020586	13.62	II
351	17.767313	80.026567	15.34	II
352	17.757360	80.011785	18.35	II
353	17.758142	80.029763	10.70	II
354	17.754456	80.029726	9.38	II
355	17.763295	80.024113	11.50	II
356	17.759866	80.016060	7.95	II
357	17.763498	80.013185	11.94	II
358	17.770811	80.032863	8.55	II
359	17.758090	80.032398	6.37	II
360	17.763507	80.028200	5.12	II
361	17.762115	80.021041	14.91	II
362	17.760766	80.020621	8.99	II
363	17.756845	80.038212	43.52	III
364	17.761809	80.031109	7.97	IV
365	17.766813	80.039378	6.68	IV
366	17.764351	80.037756	6.79	IV
367	17.772507	80.033840	36.82	III
368	17.754847	80.014160	31.63	III
369	17.764869	80.008665	40.75	III

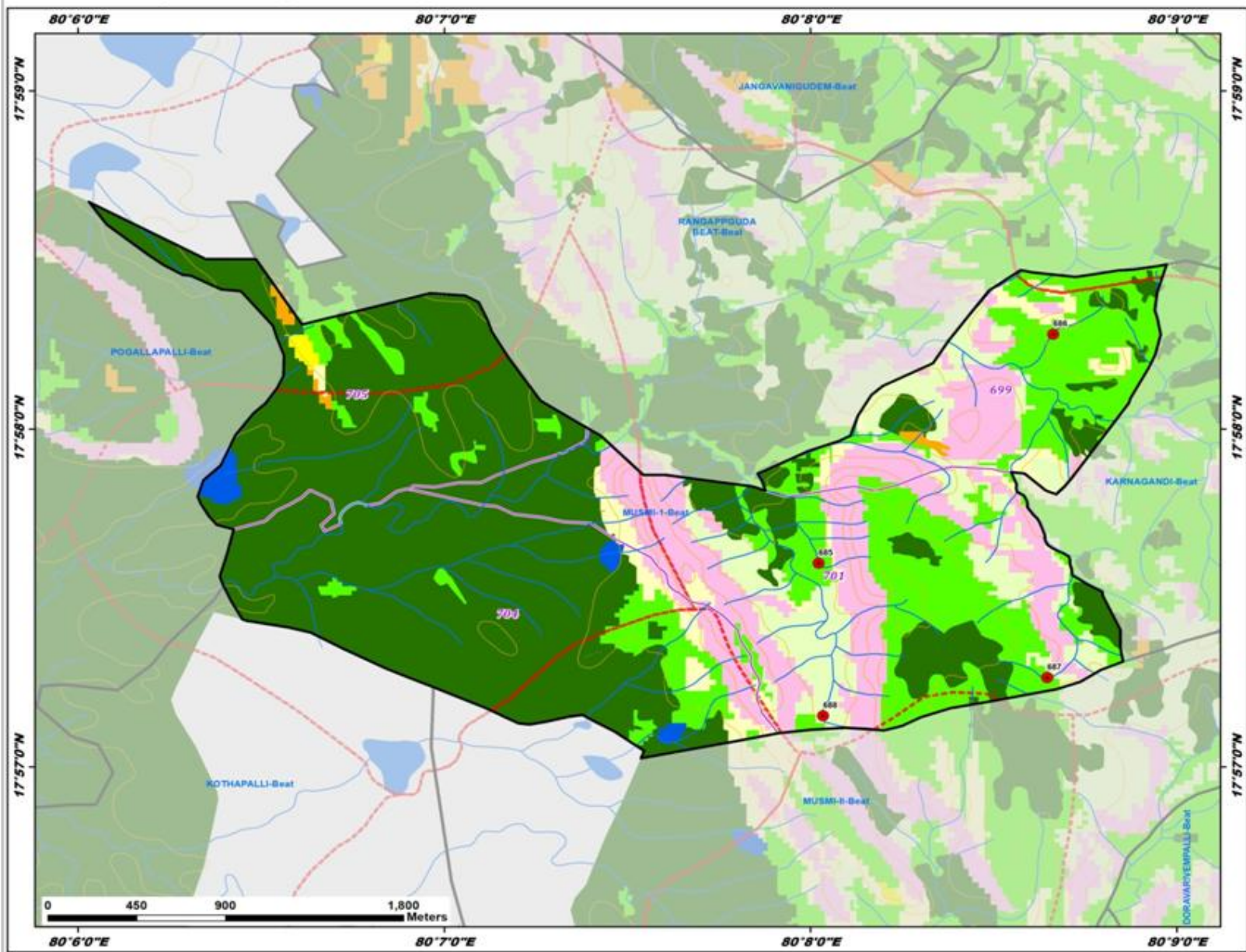
## Legend

- 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 Musmi-1 Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
685	17.960043	80.133692	4.93	II
686	17.971343	80.144370	8.46	II
687	17.954411	80.144096	7.03	II
688	17.952528	80.133900	10.00	IV

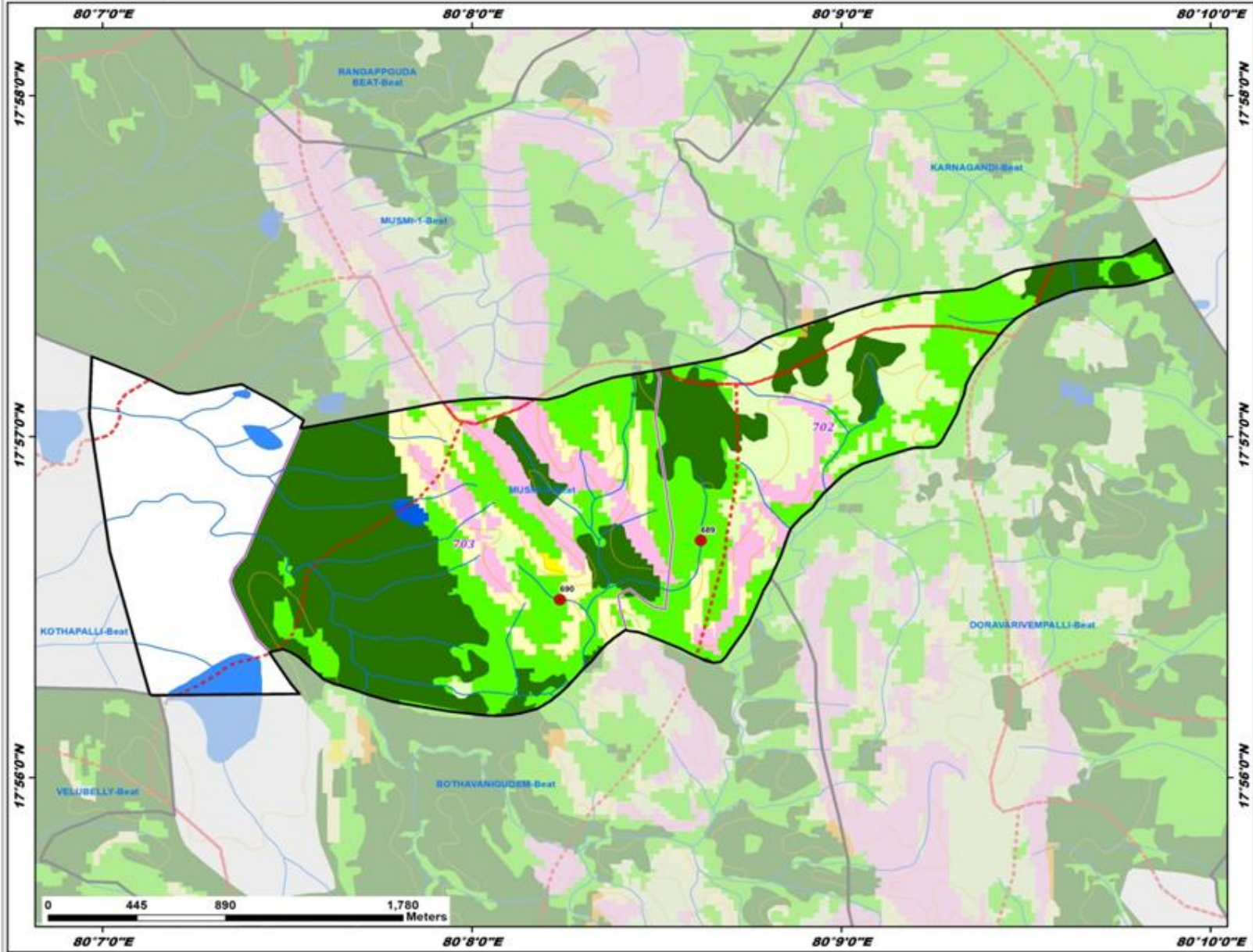
### Legend

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

# Map Showing Suitability index for Construction of SMC Works of Musmi-II Beat



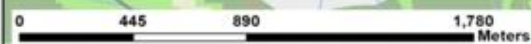
Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
689	17.944915	80.143661	13.70	II
690	17.942026	80.137303	7.44	II

### Legend

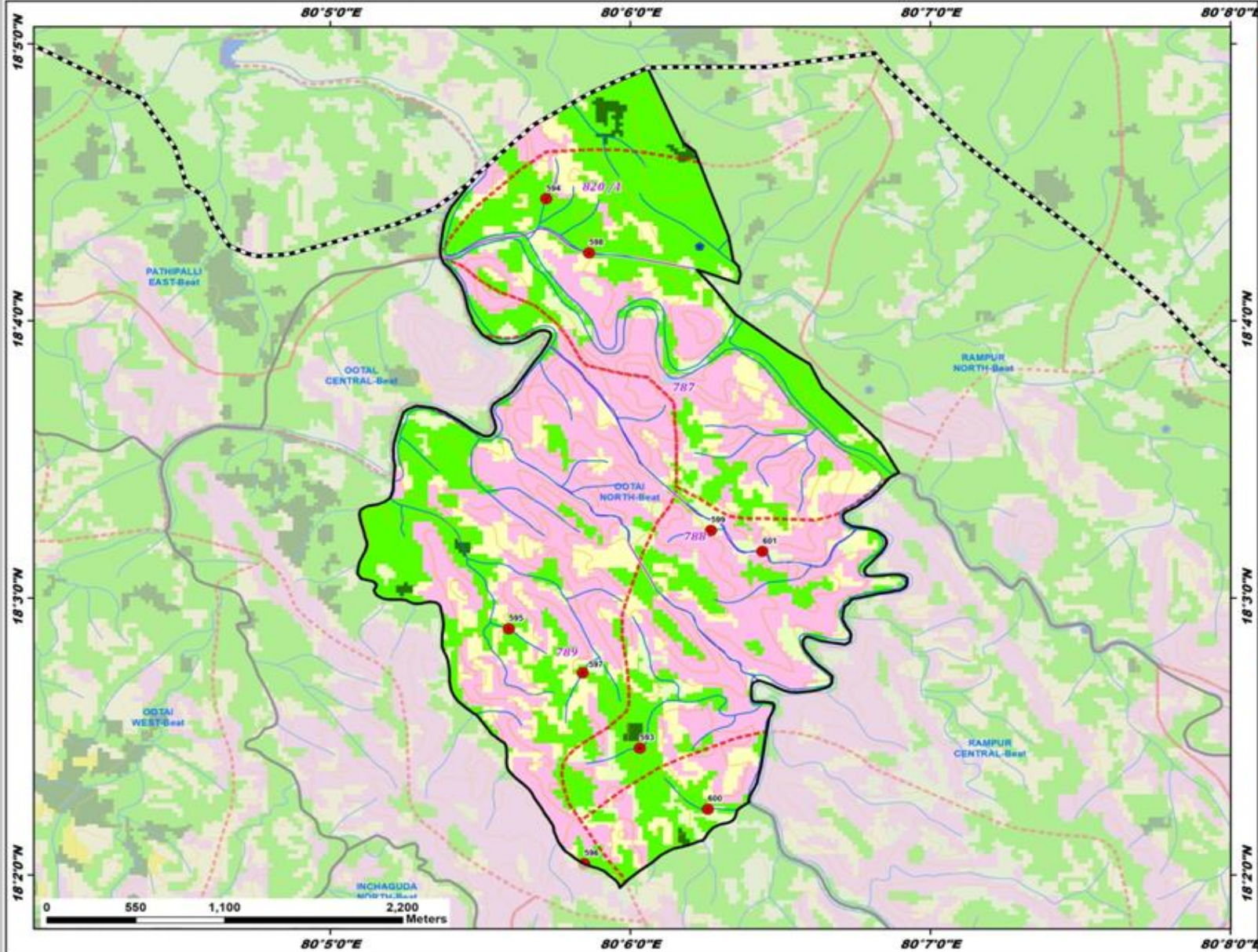
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - Watershed Boundary
  - Compartment Boundary
  - Beat Boundary
  - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable
  - PTs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



# Map Showing Suitability index for Construction of SMC Works of Ootai North Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
593	18.040954	80.100537	20.08	II
594	18.074011	80.095338	5.11	II
595	18.048137	80.093255	8.19	II
596	18.034002	80.097452	16.86	II
597	18.045488	80.097363	10.53	II
598	18.070753	80.097713	9.50	II
599	18.054053	80.104487	11.44	IV
600	18.037290	80.104301	24.14	IV
601	18.052789	80.107348	40.80	V

**Legend**

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

**Suitability Index**

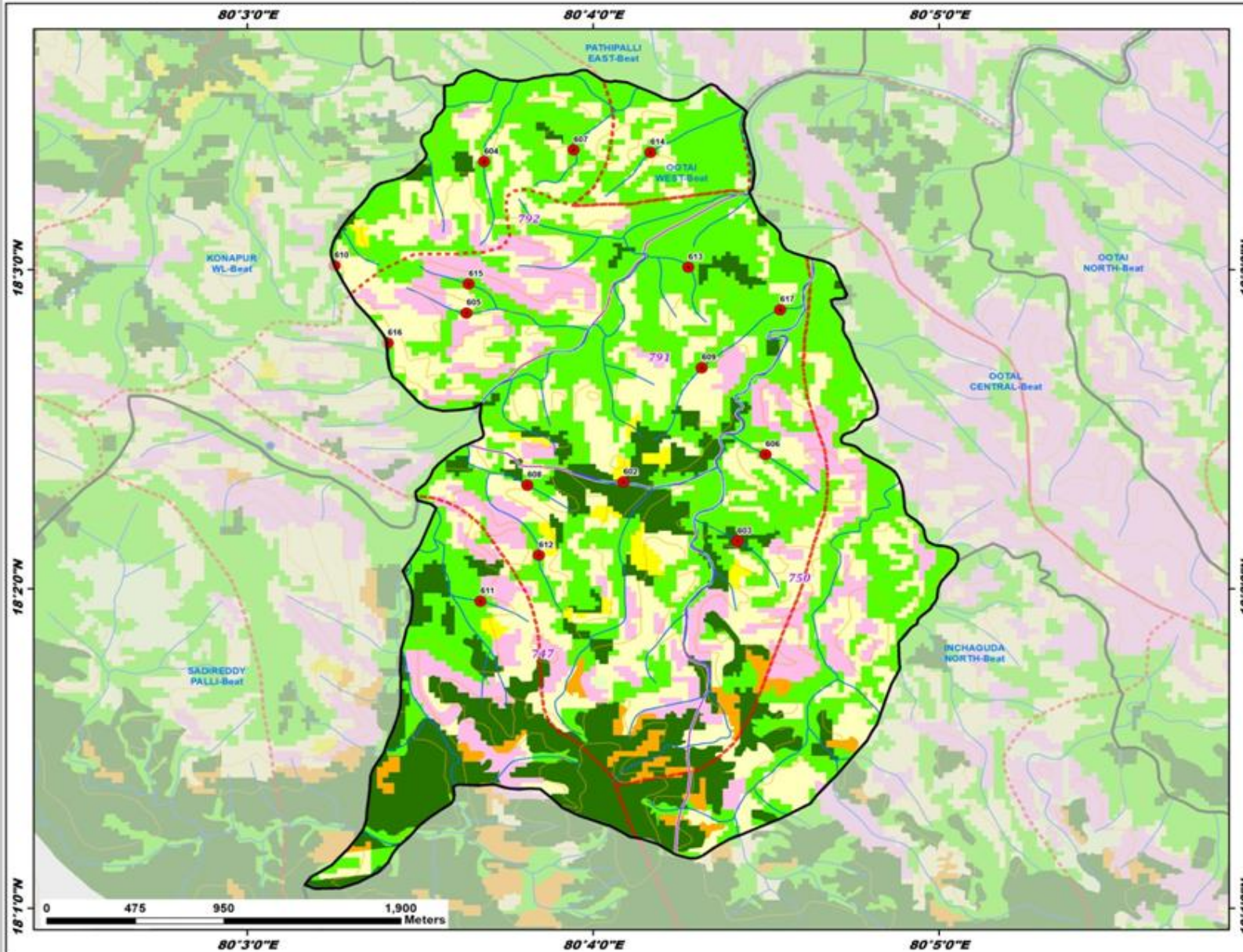
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Ootai West Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
602	18.038911	80.068131	8.47	I
603	18.035824	80.073628	8.47	I
604	18.055641	80.061416	11.62	II
605	18.047736	80.060560	12.76	II
606	18.040351	80.074975	11.15	II
607	18.056257	80.065731	9.98	II
608	18.038756	80.063505	7.13	II
609	18.044879	80.071910	10.34	II
610	18.050211	80.054209	7.38	II
611	18.032679	80.061234	5.01	II
612	18.035087	80.064057	14.02	II
613	18.050125	80.071258	7.10	II
614	18.056132	80.069435	8.35	II
615	18.049249	80.060674	9.00	II
616	18.046176	80.056775	8.93	II
617	18.047903	80.075688	22.83	II

**Legend**

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

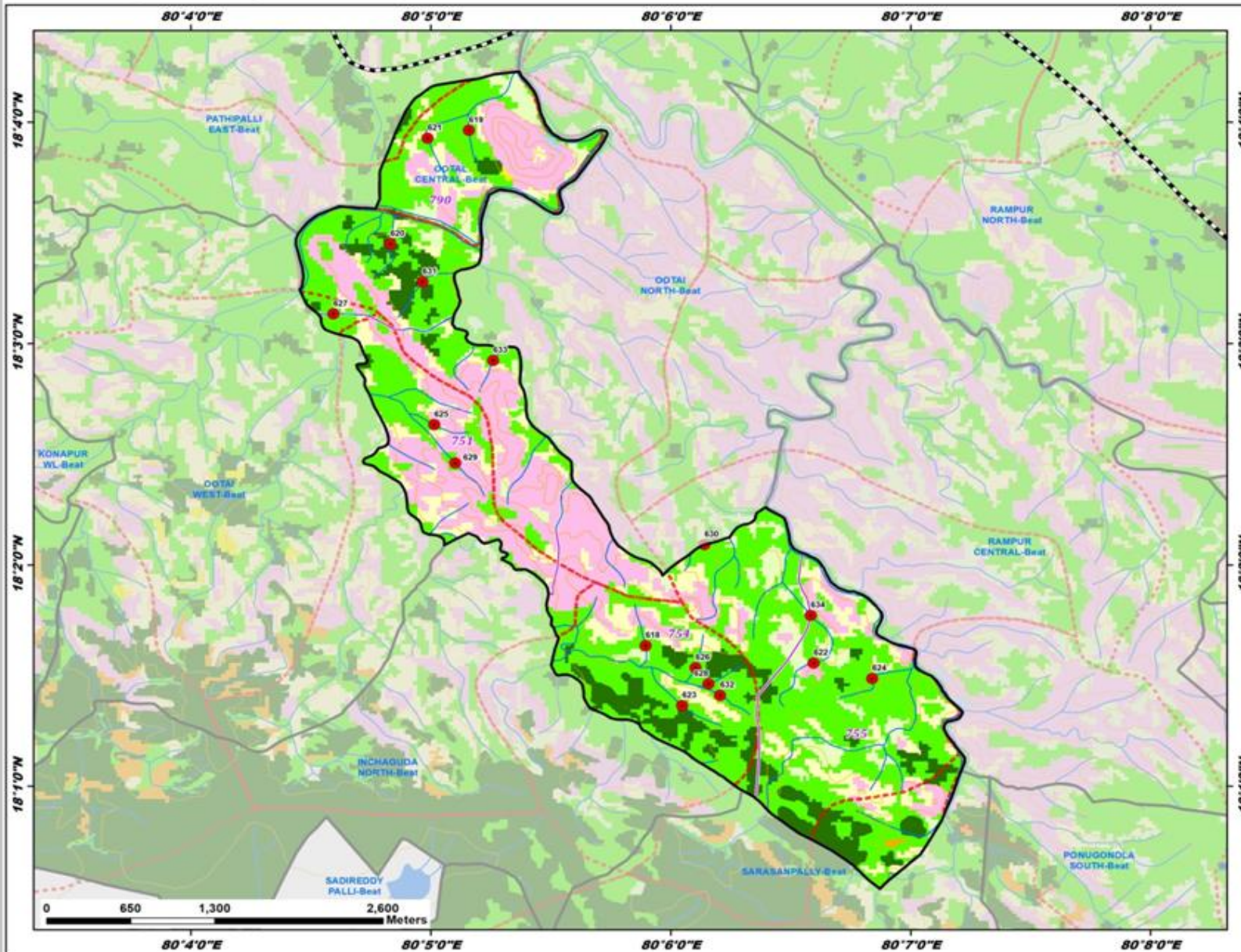
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Ootal Central Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
618	18.027254	80.098238	14.94	II
619	18.066041	80.085982	19.00	II
620	18.057500	80.080503	7.80	II
621	18.065461	80.083106	6.57	II
622	18.025945	80.109922	16.88	II
623	18.022739	80.100781	6.46	II
624	18.024770	80.113983	17.85	II
625	18.043886	80.083557	4.64	II
626	18.025593	80.101722	9.03	II
627	18.052223	80.076549	6.51	II
628	18.024380	80.102630	13.80	II
629	18.040991	80.085021	11.09	II
630	18.034857	80.102328	9.06	II
631	18.054643	80.082753	14.13	II
632	18.023510	80.103427	7.83	II
633	18.048709	80.087652	5.26	II
634	18.029518	80.109713	42.96	III

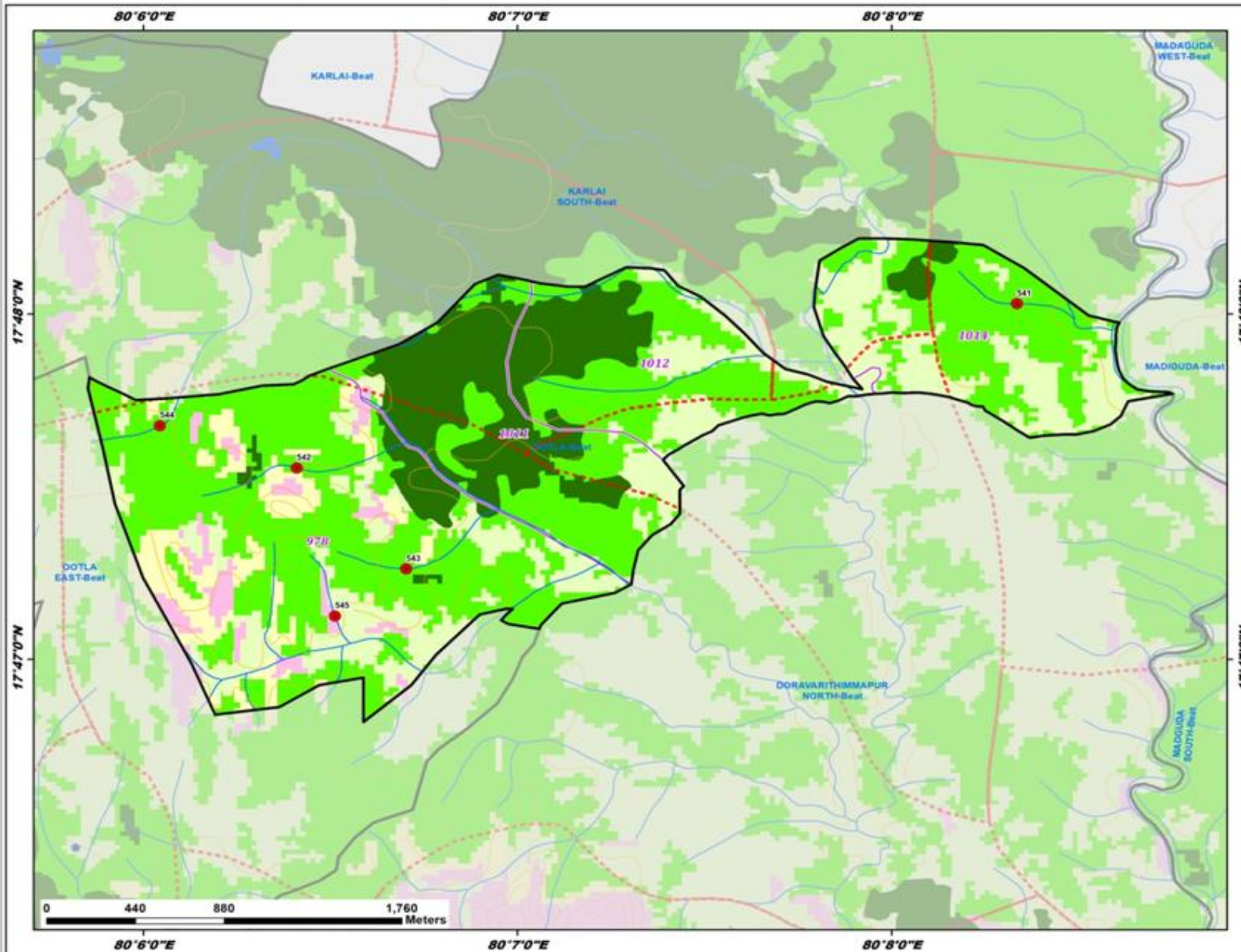
## Legend

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

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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
541	17.800499	80.138916	24.97	II
542	17.792570	80.106833	21.66	II
543	17.787699	80.111705	13.02	II
544	17.794613	80.100742	29.48	III
545	17.785427	80.108532	7.08	IV

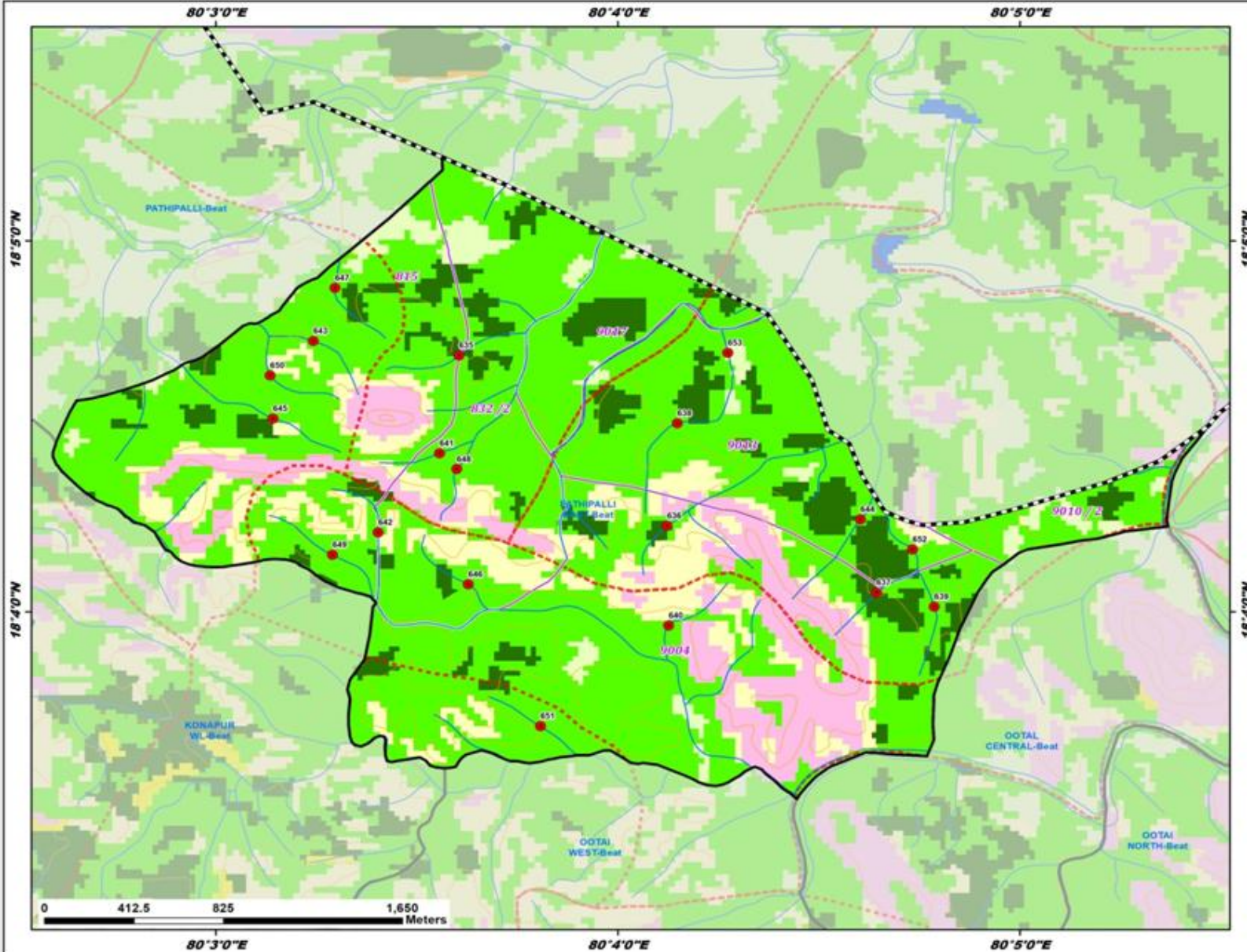
### Legend

- 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 Pathipalli East Beat



Division : Guduru WLM  
Range : Kothaguda



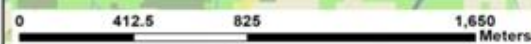
ID	Latitude	Longitude	Catchment Area_ha	Priority
635	18.078181	80.060073	12.97	I
636	18.070520	80.068696	9.12	I
637	18.067522	80.077375	7.03	I
638	18.075134	80.069121	15.95	II
639	18.066894	80.079774	17.60	II
640	18.066039	80.068759	9.50	II
641	18.073784	80.059262	14.18	II
642	18.070233	80.056714	6.99	II
643	18.078828	80.054035	7.29	II
644	18.070813	80.076715	14.62	II
645	18.075349	80.052363	11.60	II
646	18.067896	80.060455	8.90	II
647	18.081212	80.054935	8.99	II
648	18.073071	80.059983	5.83	II
649	18.069225	80.054822	9.69	II
650	18.077284	80.052244	6.21	II
651	18.061519	80.063448	18.67	II
652	18.069463	80.078877	42.79	III
653	18.078302	80.071214	35.01	V

**Legend**

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

**Suitability Index**

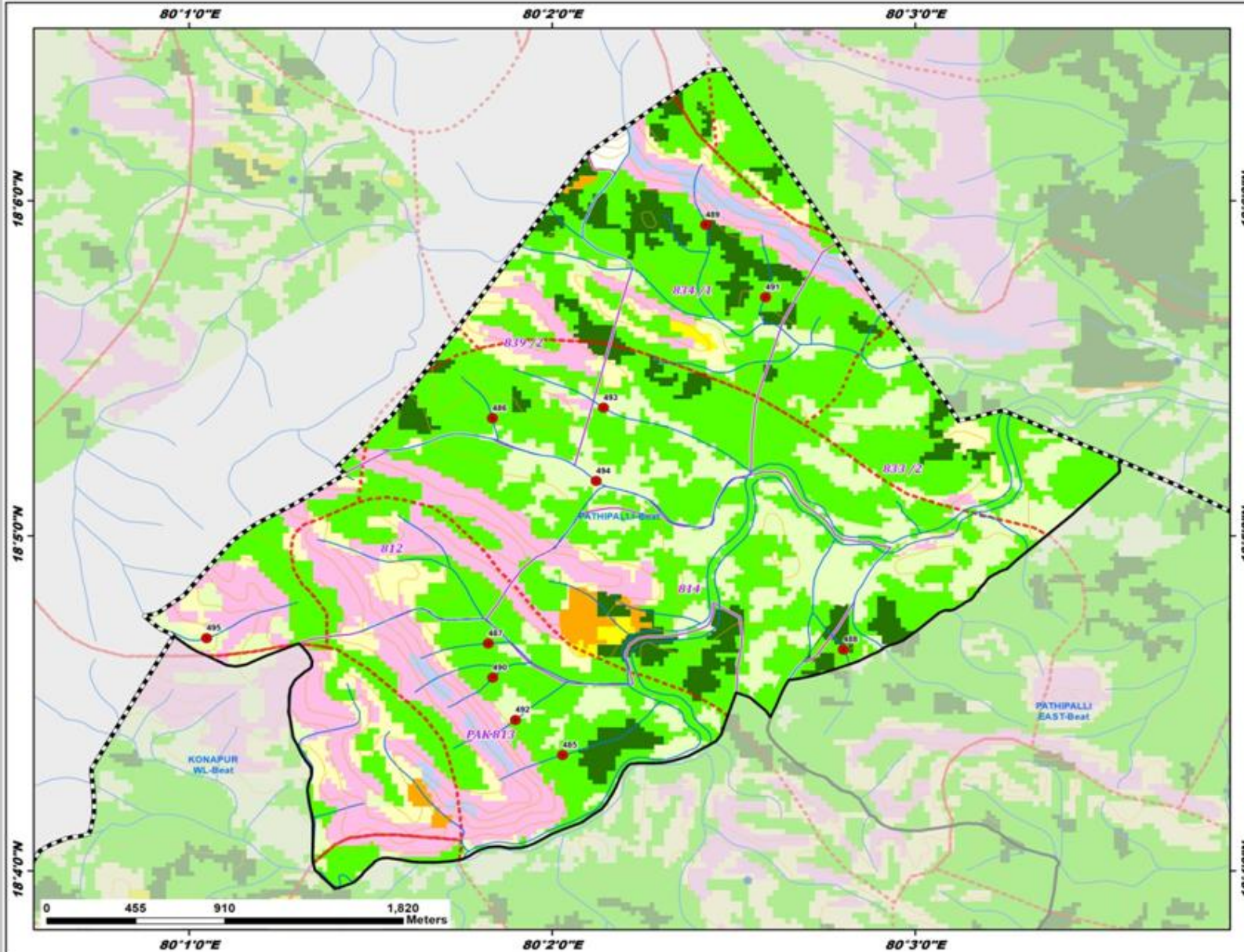
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
485	18.072417	80.033812	9.24	II
486	18.089176	80.030588	8.63	II
487	18.077973	80.030410	9.19	II
488	18.077671	80.046709	17.36	II
489	18.098795	80.040384	11.59	II
490	18.076272	80.030615	7.54	II
491	18.095191	80.043137	32.94	III
492	18.074171	80.031654	9.84	IV
493	18.089704	80.035690	21.18	IV
494	18.086060	80.035361	70.71	V
495	18.078244	80.017467	25.02	V

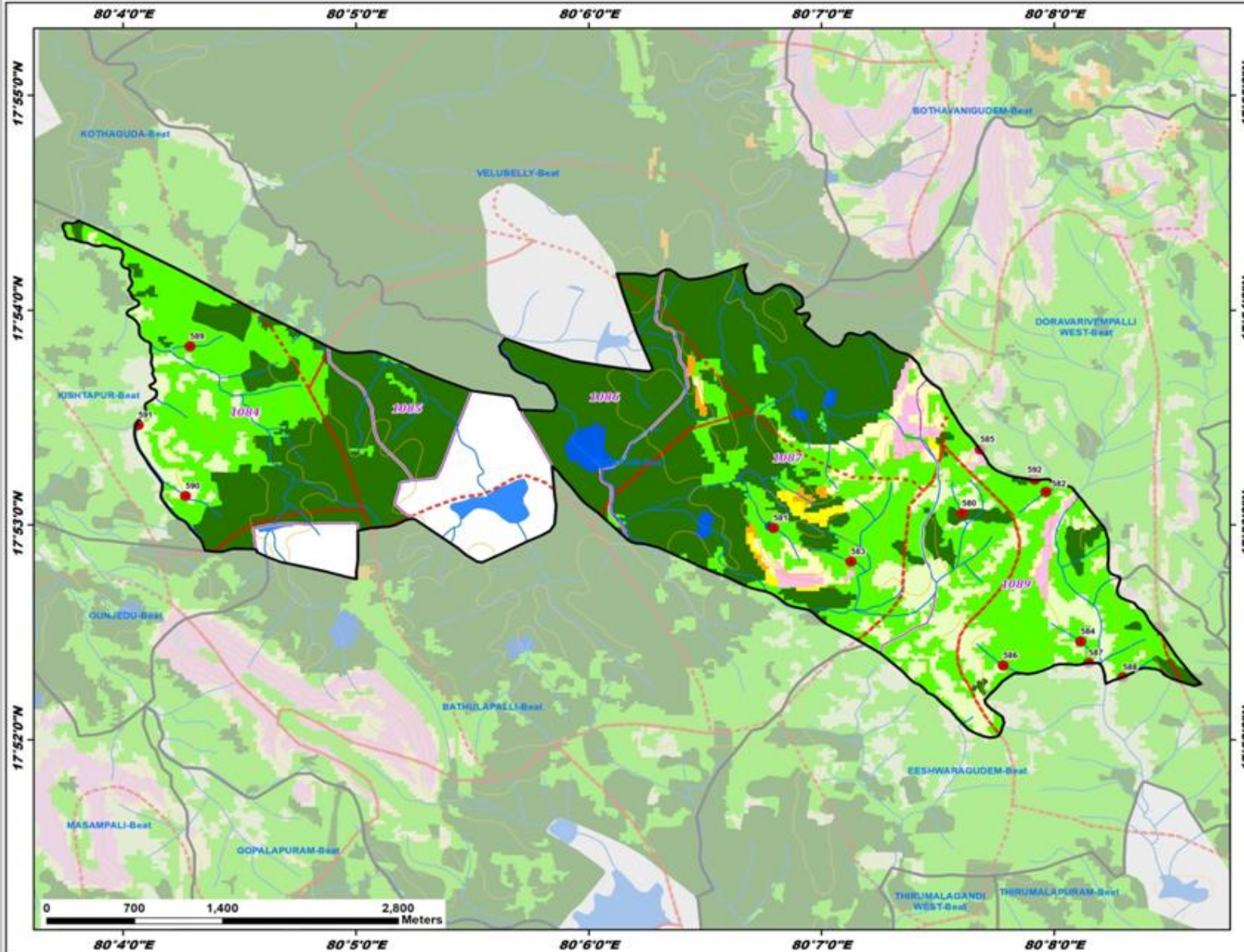
### Legend

- 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 Polaram Beat



Division : Guduru WLM  
Range : Kothaguda



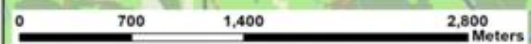
ID	Latitude	Longitude	Catchment Area_ha	Priority
580	17.884248	80.126725	6.37	I
581	17.883091	80.113219	6.71	II
582	17.885906	80.132746	10.96	II
583	17.880490	80.118784	7.43	II
584	17.874294	80.135219	10.33	II
585	17.889193	80.128040	16.77	II
586	17.872433	80.129684	17.09	II
587	17.872628	80.135796	23.40	II
588	17.871505	80.138238	8.02	II
589	17.897185	80.071440	7.57	II
590	17.885577	80.071113	10.57	IV
591	17.891090	80.067742	50.80	V
592	17.886851	80.131940	31.98	III

**Legend**

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

**Suitability Index**

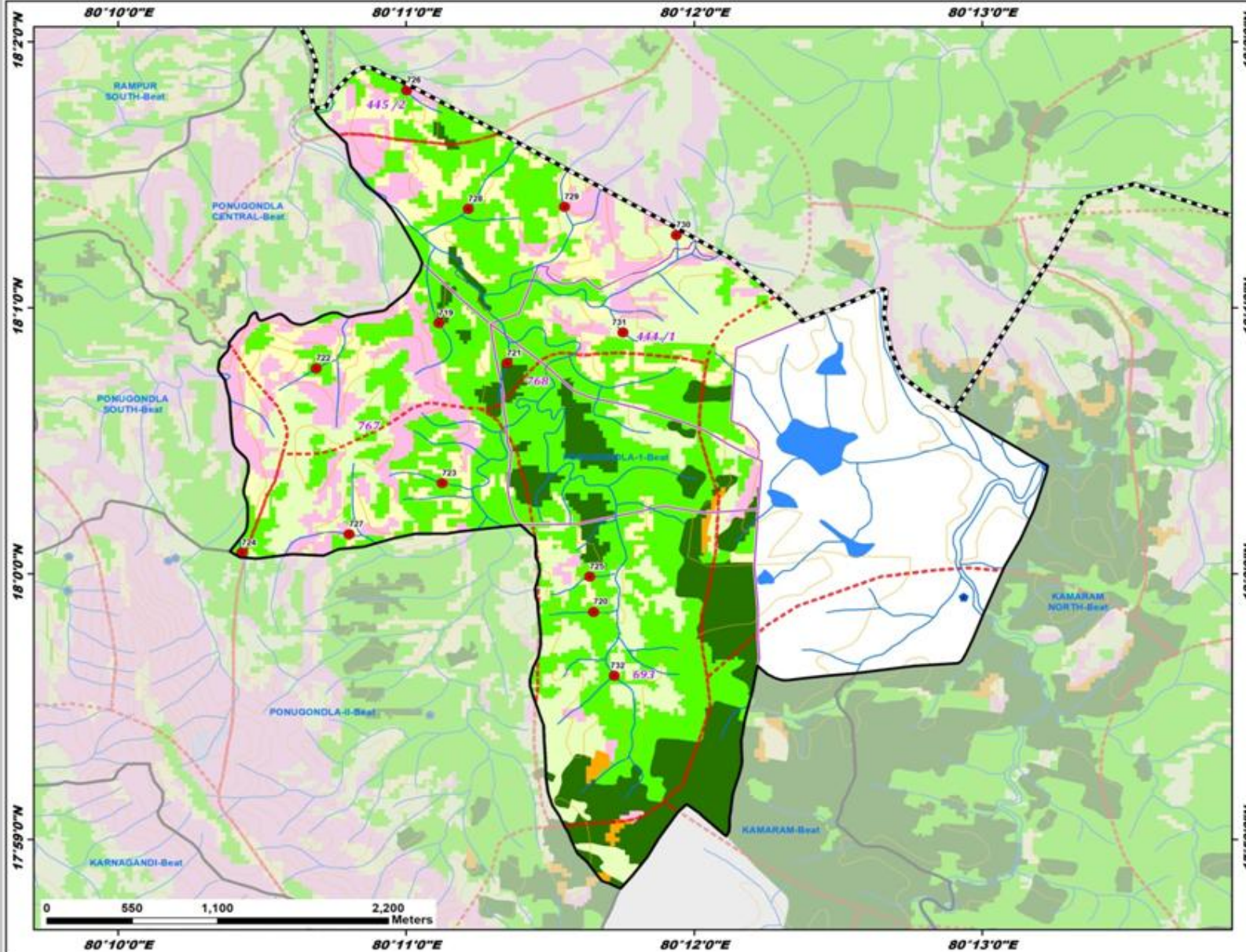
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



# Map Showing Suitability index for Construction of SMC Works of Ponugondla-1 Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
719	18.015713	80.185224	17.97	I
720	17.997600	80.194169	6.39	II
721	18.013192	80.189162	14.23	II
722	18.012868	80.178123	7.31	II
723	18.005671	80.185408	11.44	II
724	18.001310	80.173815	9.35	II
725	17.999807	80.193948	7.04	II
726	18.030301	80.183355	15.99	II
727	18.002472	80.180032	27.64	III
728	18.022862	80.186915	48.17	III
729	18.022990	80.192482	36.28	III
730	18.021228	80.198963	10.91	IV
731	18.015113	80.195873	7.18	IV
732	17.993593	80.195371	63.85	V

**Legend**

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

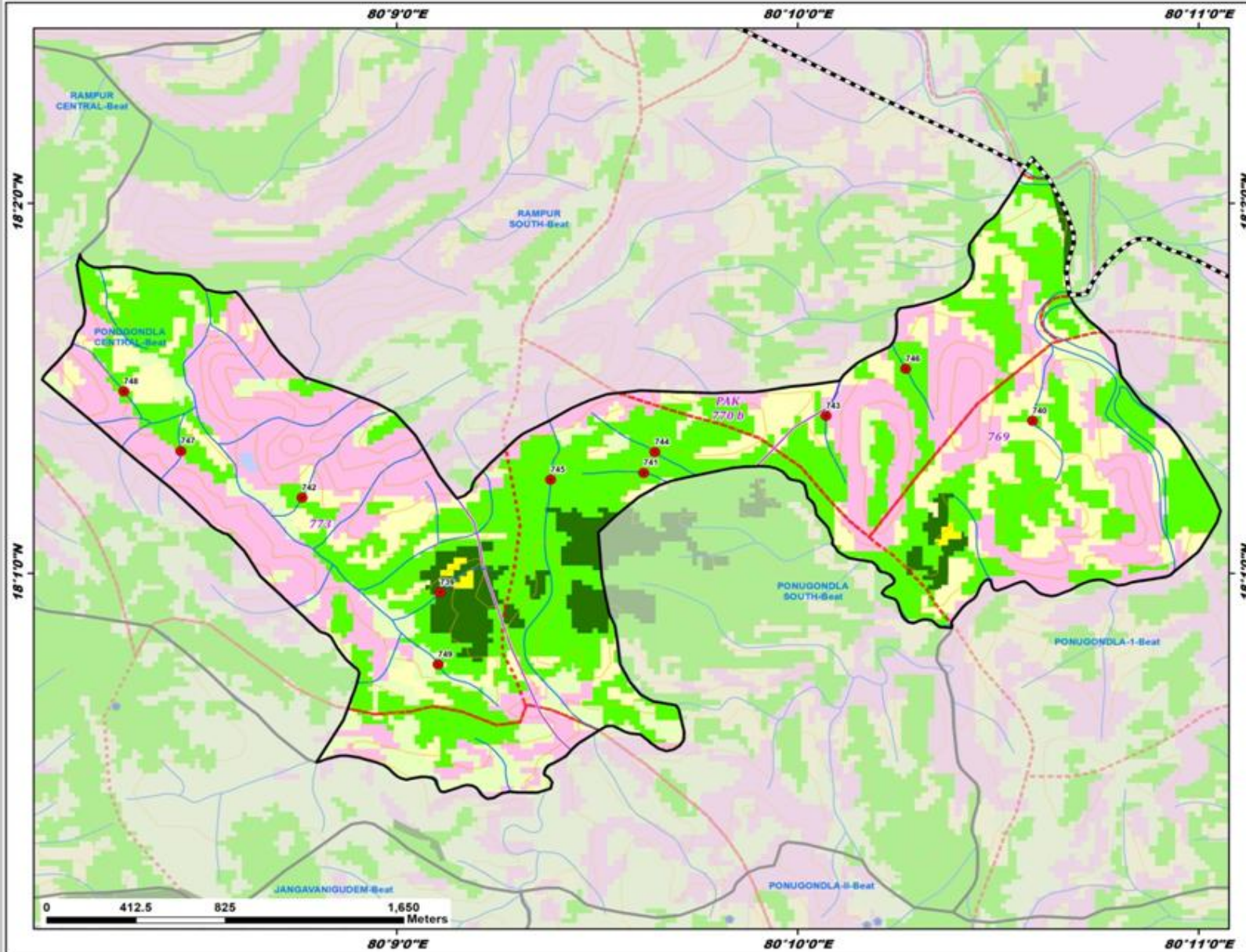
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Ponugondla Central Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
739	18.015797	80.151795	7.06	I
740	18.023526	80.176437	8.01	II
741	18.021182	80.160263	9.09	II
742	18.020068	80.146057	18.79	II
743	18.023750	80.167842	15.58	II
744	18.022114	80.160730	12.99	II
745	18.020868	80.156400	10.43	II
746	18.025866	80.171159	13.62	II
747	18.022163	80.141025	5.35	II
748	18.024848	80.138649	13.57	II
749	18.012552	80.151716	12.51	IV

### Legend

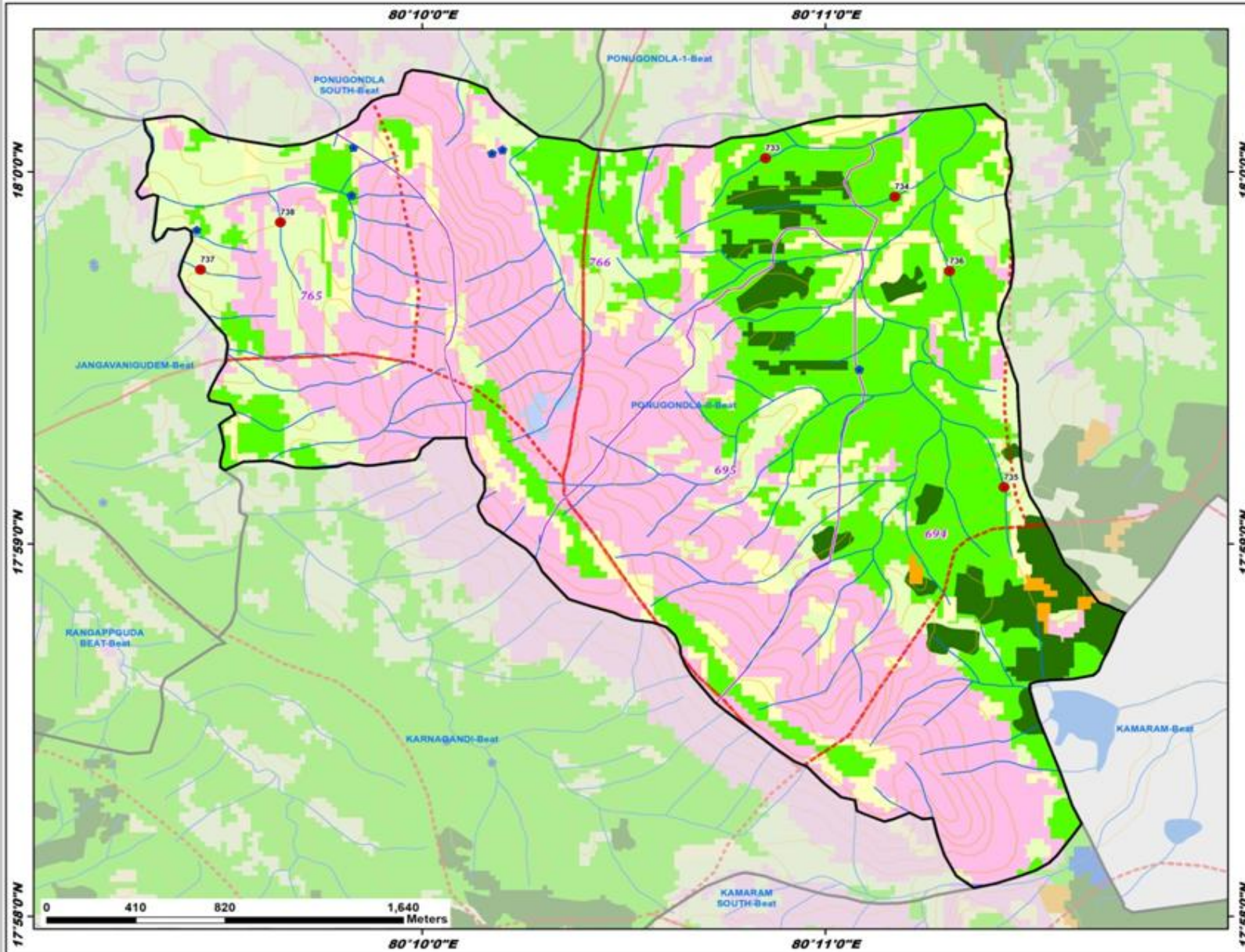
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - - - Watershed Boundary
  - Compartment Boundary
  - Beat Boundary
  - - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable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



# Map Showing Suitability index for Construction of SMC Works of Ponugondla-II Beat



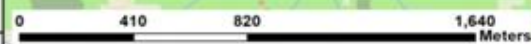
Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
733	18.000603	80.180847	12.38	III
734	17.998879	80.186191	20.52	III
735	17.985871	80.190714	9.61	III
736	17.995547	80.188462	15.42	III
737	17.995620	80.157509	5.28	IV
738	17.997733	80.160807	8.21	IV

### Legend

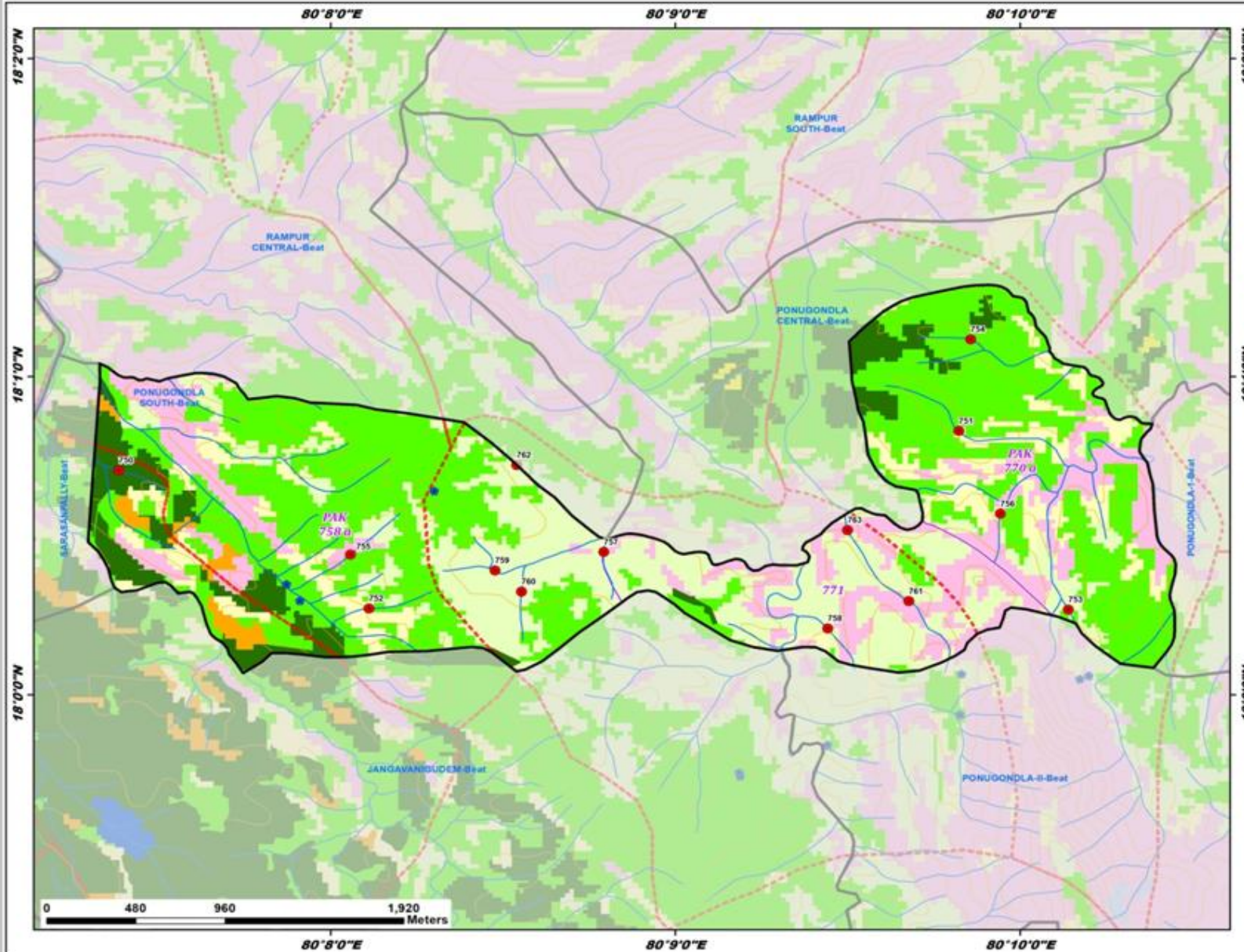
- Proposed PTs
  - Existing CD/PTs
  - Contours
  - Streams
  - Watershed Boundary
  - Compartment Boundary
  - Beat Boundary
  - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
  - CCTs/SCTs - Moderately Suitable
  - CCTs/SCTs - Least Suitable
  - PTs - Highly Suitable
  - PTs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



# Map Showing Suitability index for Construction of SMC Works of Ponugondla South Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
750	18.011757	80.123083	5.02	I
751	18.013810	80.163697	19.24	II
752	18.004510	80.135179	8.76	II
753	18.004458	80.168997	11.93	II
754	18.018614	80.164272	9.79	II
755	18.007340	80.134282	14.03	II
756	18.009474	80.165702	10.00	II
757	18.007470	80.146537	10.84	IV
758	18.003460	80.157366	9.22	IV
759	18.006505	80.141265	25.00	IV
760	18.005398	80.142549	7.41	IV
761	18.004893	80.161284	25.39	V
762	18.012028	80.142318	30.95	V
763	18.008625	80.158325	39.89	V

**Legend**

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

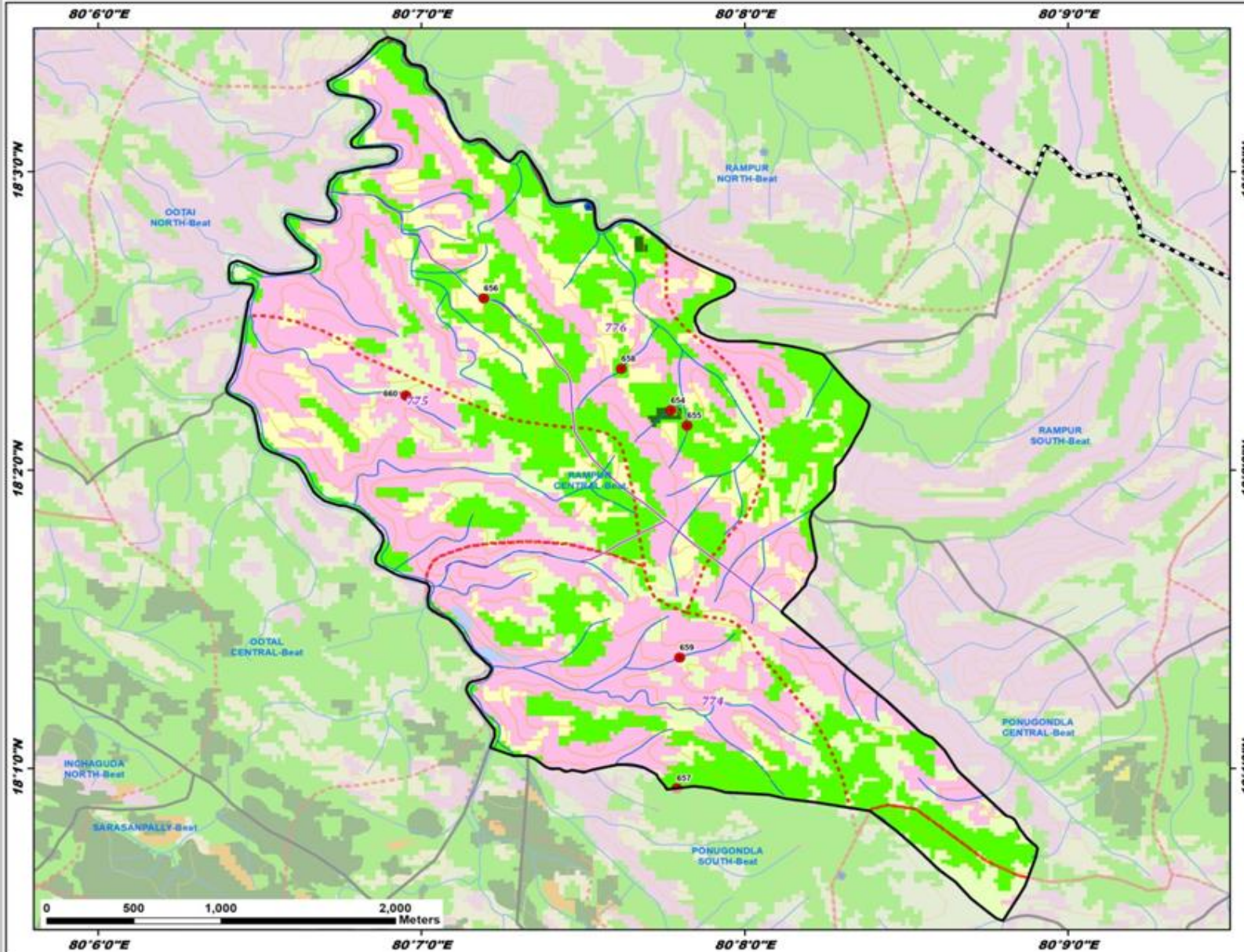
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Rampur Central Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
654	18.036660	80.129519	13.28	I
655	18.035807	80.130356	5.91	II
656	18.042918	80.119883	14.44	II
657	18.015548	80.129828	7.45	II
658	18.038983	80.126972	13.41	II
659	18.022856	80.129980	7.73	IV
660	18.037480	80.115866	12.08	IV

**Legend**

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

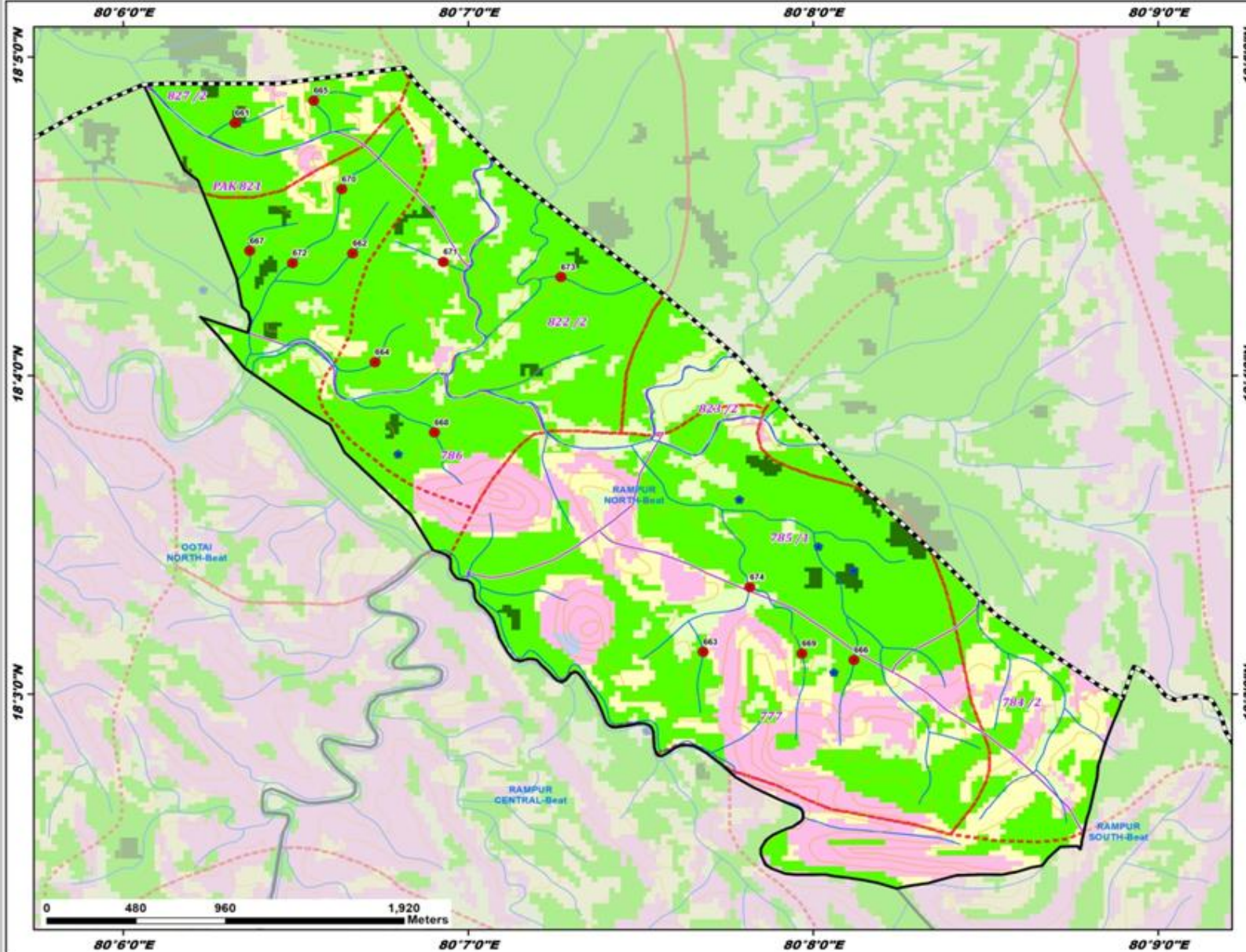
**Suitability Index**

- 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 Rampur North Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
661	18.079876	80.105395	7.85	I
662	18.073051	80.111080	11.74	II
663	18.052192	80.128008	15.27	II
664	18.067364	80.112163	9.71	II
665	18.081052	80.109188	7.54	II
666	18.051772	80.135303	16.48	II
667	18.073187	80.106103	18.95	II
668	18.063677	80.115030	12.94	II
669	18.052113	80.132778	12.48	II
670	18.076413	80.110555	10.39	II
671	18.072614	80.115462	11.68	IV
672	18.072547	80.108167	19.44	II
673	18.071812	80.121134	58.12	IV
674	18.055584	80.130271	44.65	V

**Legend**

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

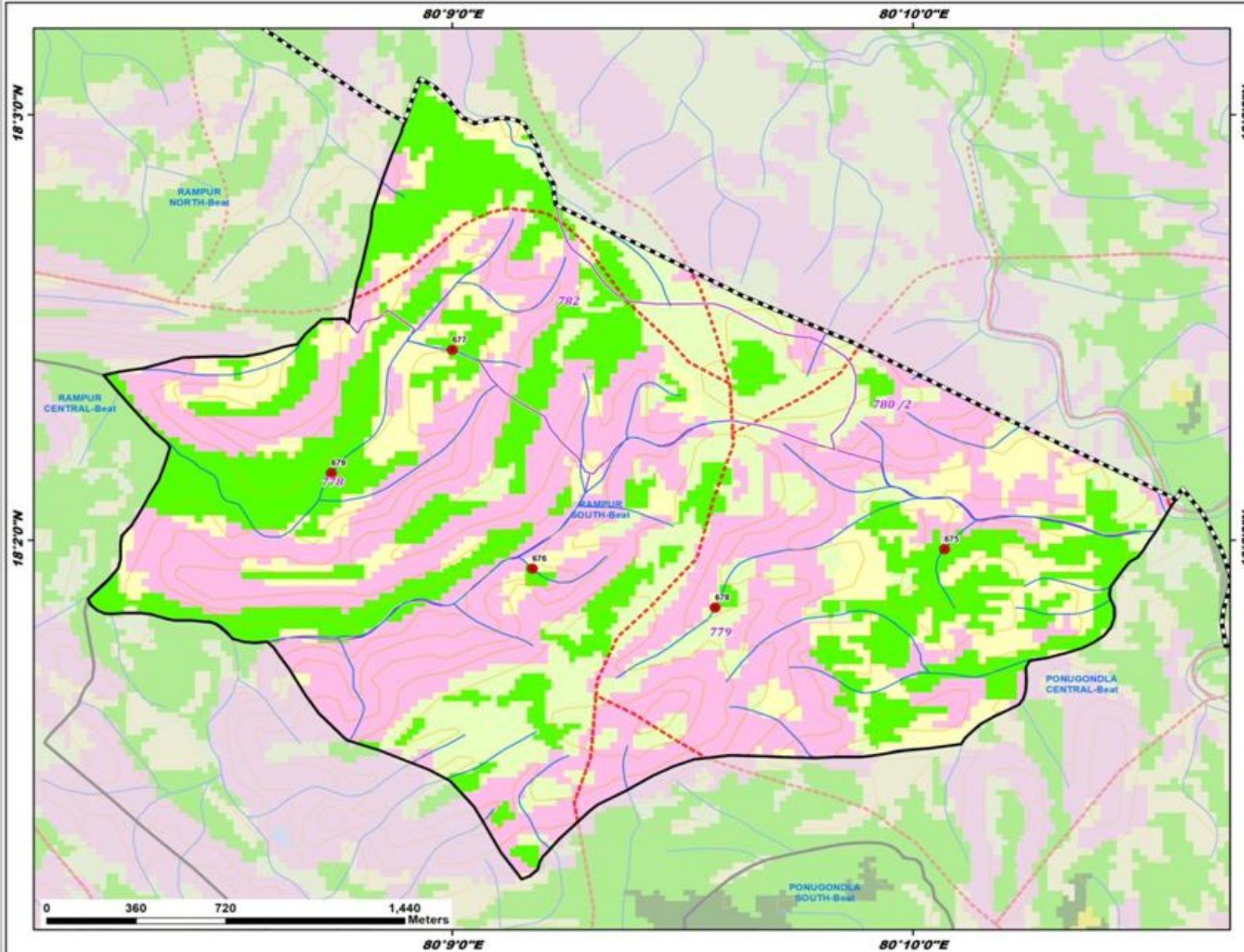
**Suitability Index**

- 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 Rampur South Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
675	18.032975	80.167796	12.60	II
676	18.032213	80.152885	19.41	II
677	18.040786	80.149991	7.13	II
678	18.030687	80.159503	9.51	IV
679	18.035963	80.145613	91.11	IV

### Legend

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

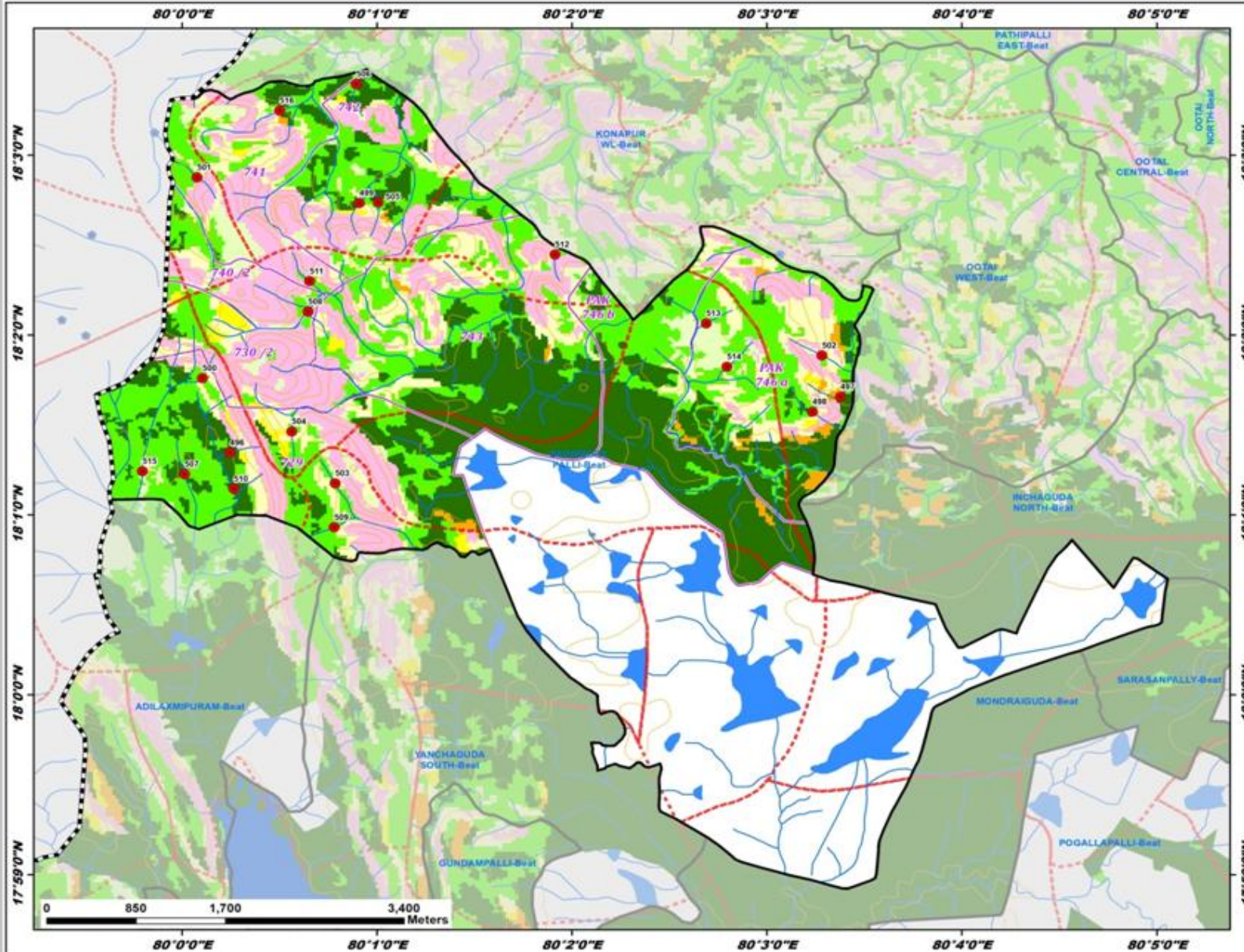
### Suitability Index

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

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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
496	18.022441	80.004078	10.11	I
497	18.027622	80.056268	9.37	I
498	18.026212	80.053881	10.88	II
499	18.045567	80.015155	8.21	II
500	18.029323	80.001732	9.77	II
501	18.047923	80.001260	5.91	II
502	18.031420	80.054704	12.36	II
503	18.019587	80.013063	12.87	II
504	18.024391	80.009368	12.58	II
505	18.045617	80.016755	8.64	II
506	18.056579	80.014867	10.80	II
507	18.020446	80.000203	15.19	II
508	18.035490	80.010748	5.60	II
509	18.015512	80.013004	13.98	II
510	18.019089	80.004401	54.80	III
511	18.038318	80.010896	19.51	IV
512	18.040787	80.031860	11.02	IV
513	18.034392	80.044801	7.59	IV
514	18.030386	80.046569	13.56	IV
515	18.020702	79.996609	51.28	V
516	18.054118	80.008322	40.29	V

**Legend**

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

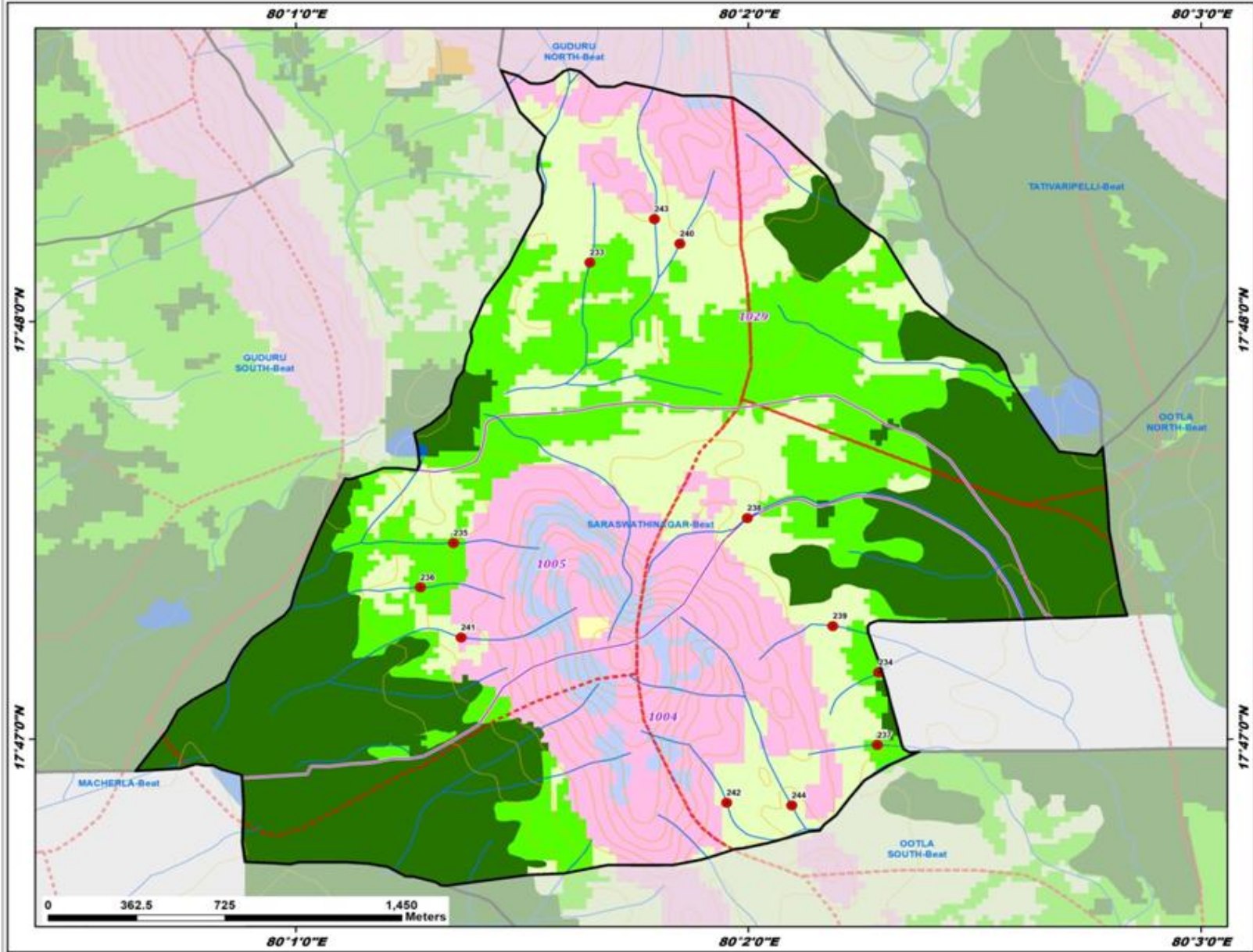
**Suitability Index**

- 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 Saraswathinagar Beat



Division : Guduru WLM  
Range : Kothaguda



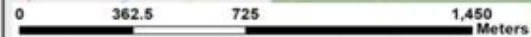
ID	Latitude	Longitude	Catchment Area_ha	Priority
233	17.802350	80.027496	9.21	II
234	17.785995	80.038123	8.14	II
235	17.791157	80.022465	5.97	II
236	17.789385	80.021257	9.19	II
237	17.783096	80.038072	6.15	II
238	17.792157	80.033293	13.44	IV
239	17.787846	80.036439	6.29	IV
240	17.803101	80.030806	6.89	IV
241	17.787387	80.022745	10.16	IV
242	17.780797	80.032525	13.79	IV
243	17.804088	80.029873	43.82	V
244	17.780691	80.034923	32.54	V

**Legend**

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

**Suitability Index**

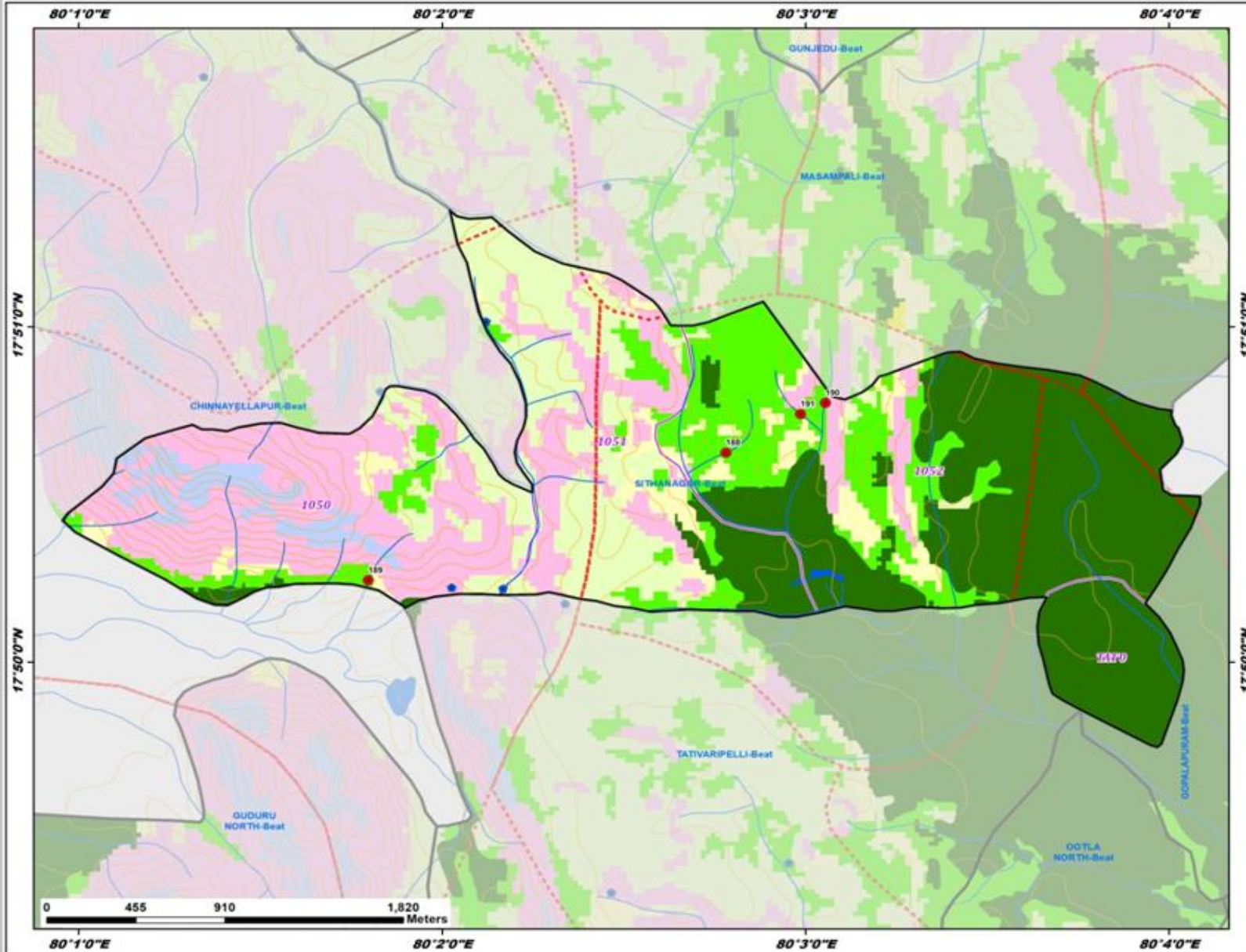
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
188	17.843739	80.046346	9.98	II
189	17.837394	80.029946	12.47	II
190	17.846218	80.050914	13.00	II
191	17.845659	80.049772	6.27	II

### Legend

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

### Suitability Index

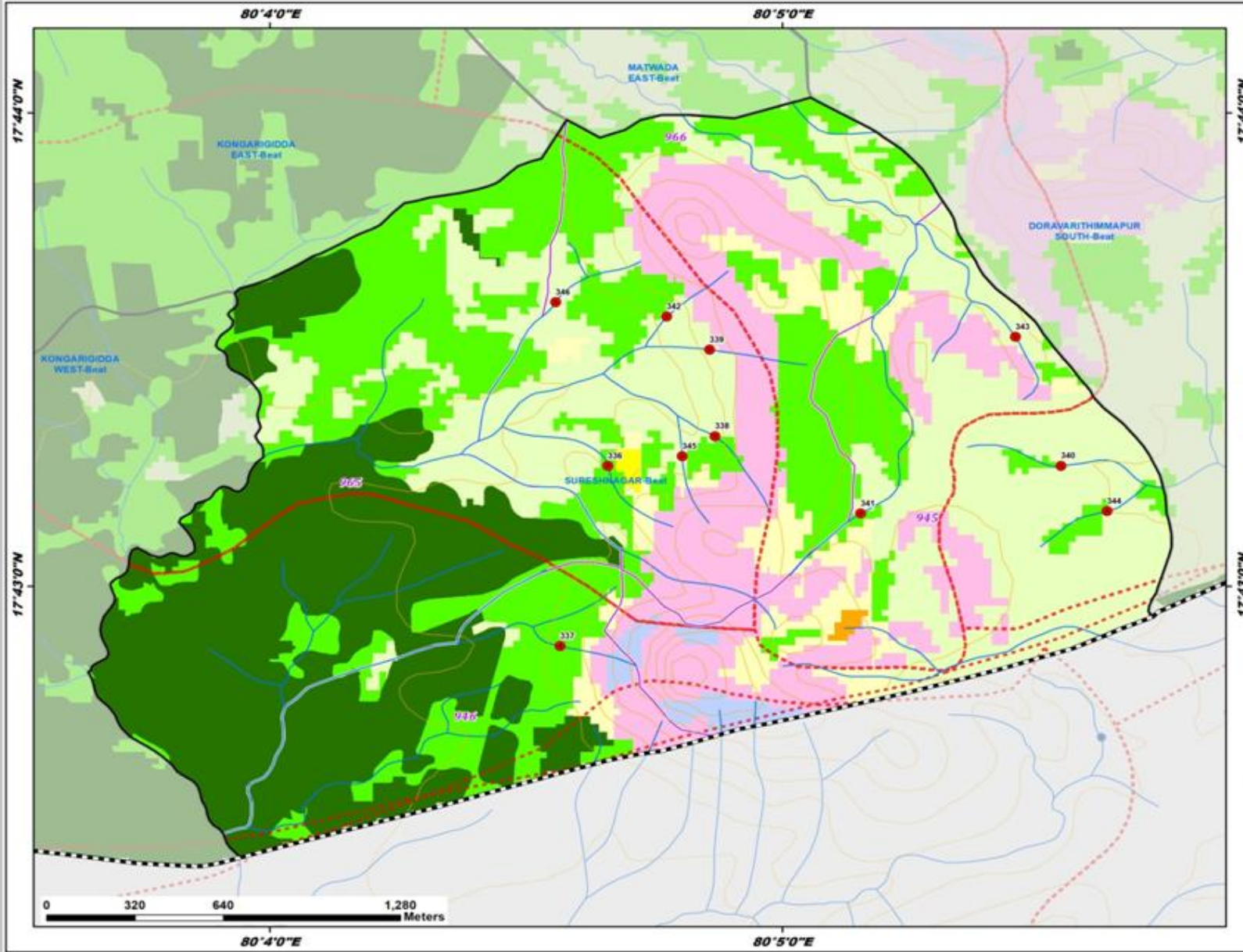
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
336	17.720901	80.077652	6.51	II
337	17.714550	80.076101	6.58	II
338	17.721949	80.081137	11.56	IV
339	17.724997	80.080967	15.55	IV
340	17.720903	80.092390	20.32	IV
341	17.719227	80.085878	13.61	IV
342	17.726162	80.079574	7.36	IV
343	17.725448	80.090906	20.98	IV
344	17.719306	80.093891	23.05	IV
345	17.721244	80.080072	4.75	IV
346	17.726668	80.075956	28.28	V

### Legend

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

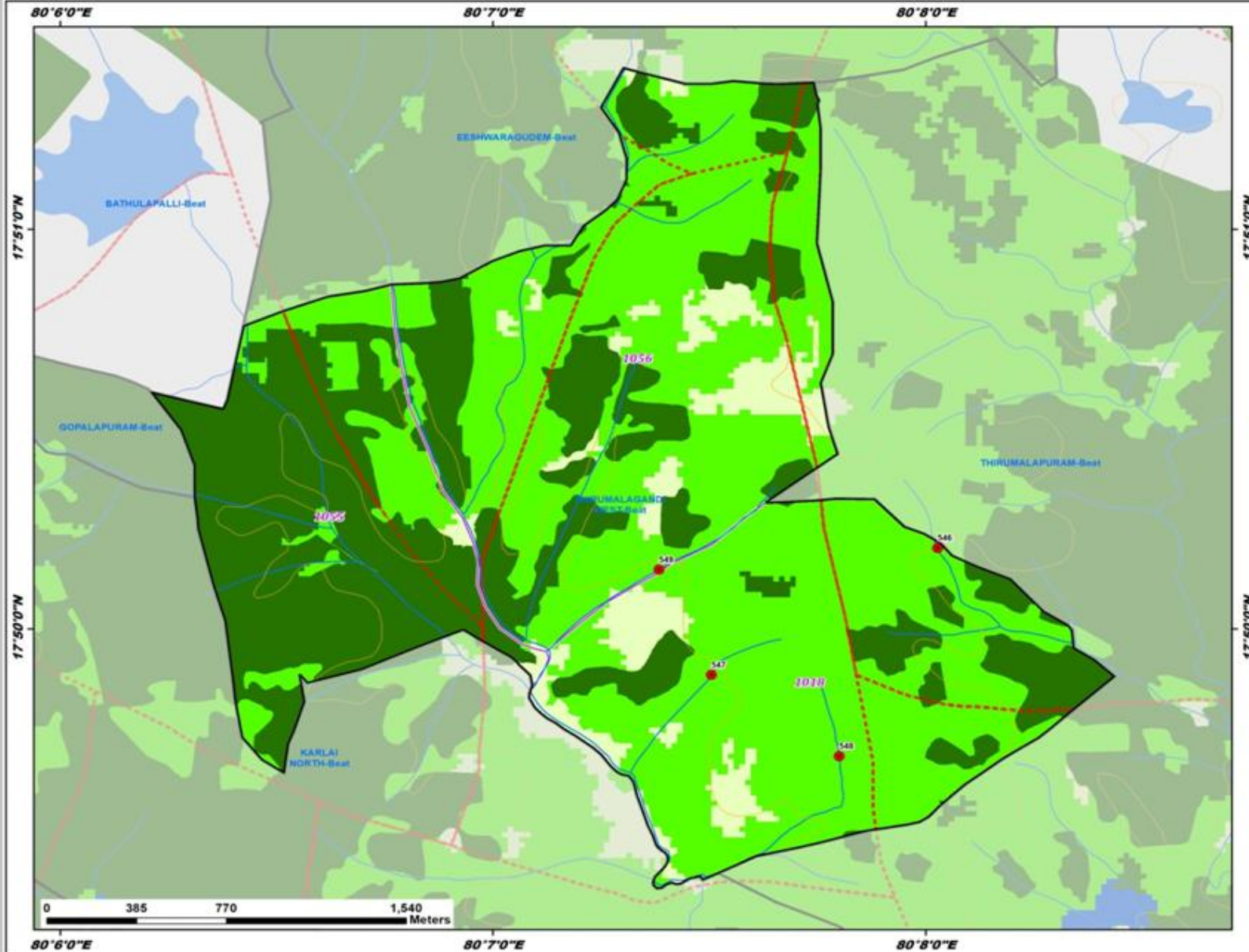
### Suitability Index

- 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 Thirumalagandi West Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
546	17.836700	80.133782	21.22	II
547	17.831405	80.125080	18.07	II
548	17.828019	80.130001	11.78	II
549	17.835798	80.123062	58.13	IV

## Legend

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

## Suitability Index

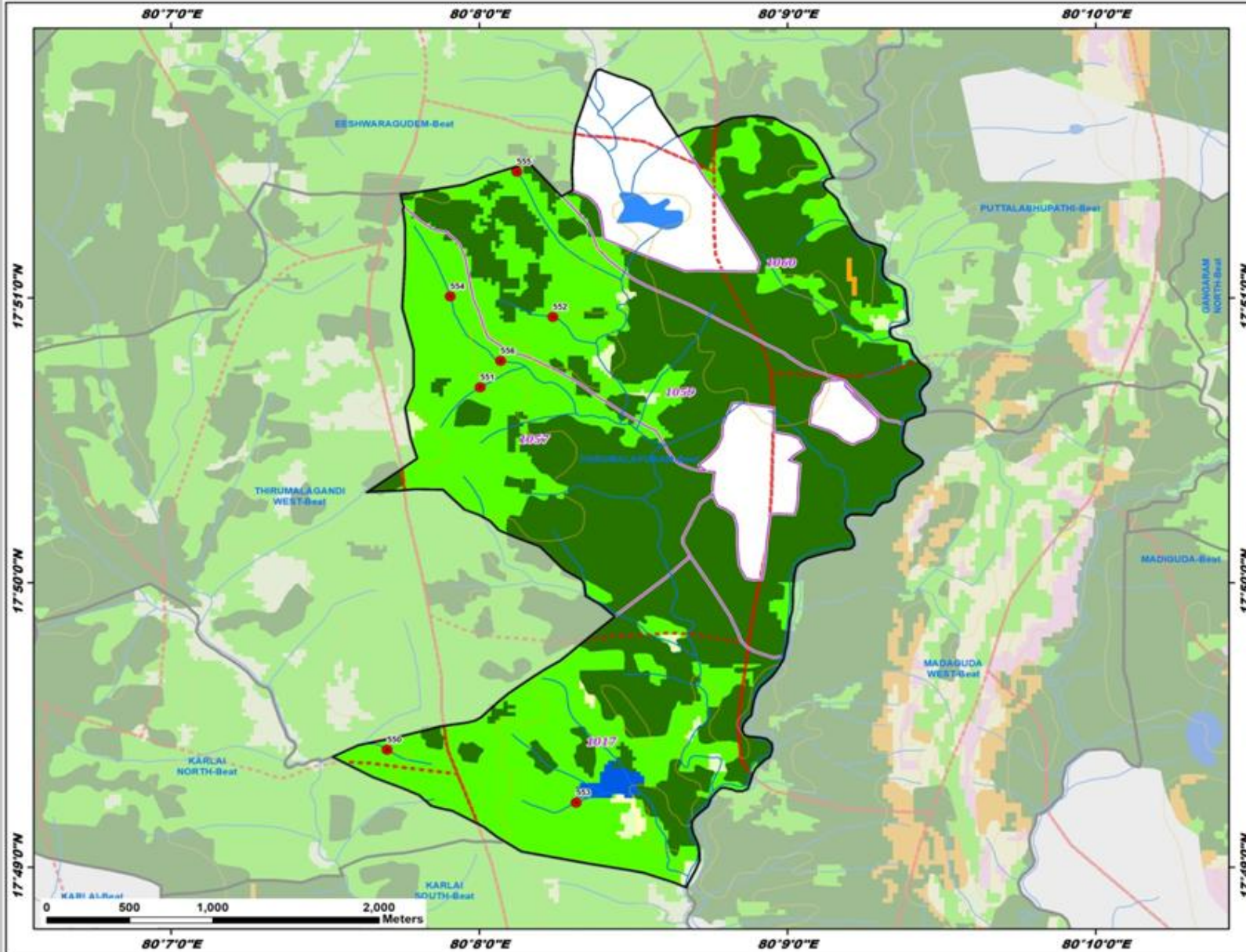
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPts - Suitable
- Not Suitable
- Water Body

0 385 770 1,540 Meters

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



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
550	17.823541	80.128354	9.58	II
551	17.844773	80.133386	16.09	II
552	17.848897	80.137317	12.99	II
553	17.820434	80.138567	24.51	II
554	17.850099	80.131758	44.19	III
555	17.857408	80.135361	30.76	III
556	17.846328	80.134474	76.41	IV

**Legend**

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

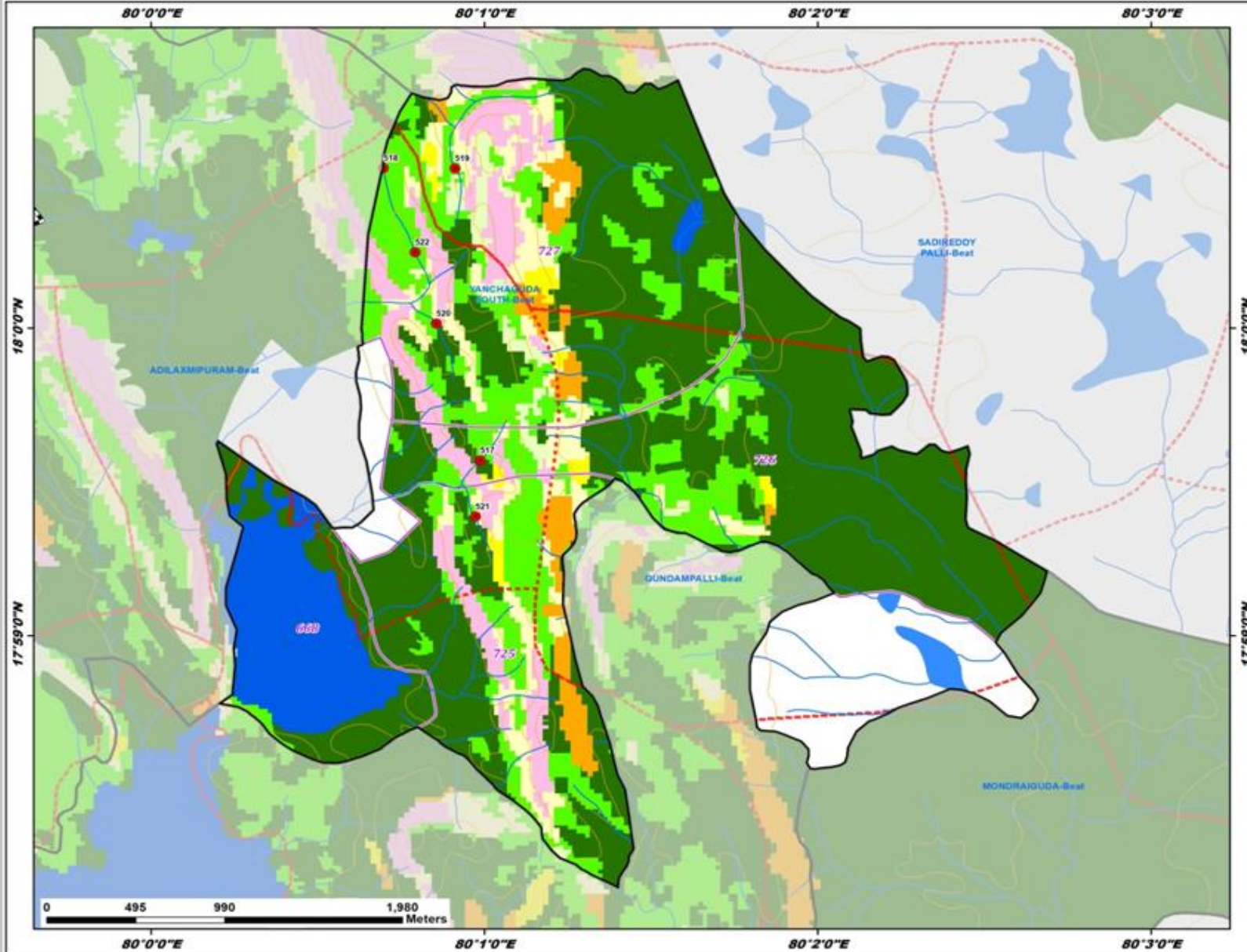
**Suitability Index**

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

# Map Showing Suitability index for Construction of SMC Works of Yanchaguda South Beat



Division : Guduru WLM  
Range : Kothaguda



ID	Latitude	Longitude	Catchment Area_ha	Priority
517	17.992829	80.016446	10.32	I
518	18.008663	80.011611	12.74	II
519	18.008645	80.015187	10.68	II
520	18.000244	80.014252	21.06	II
521	17.989783	80.016217	13.49	II
522	18.004102	80.013194	29.61	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