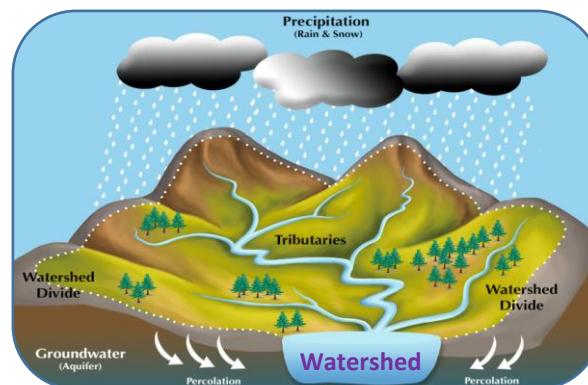


Government of Telangana – Forest Department



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



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

Circle: Amrabad TR
District: Nagarkurnool
Division: Achampet

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

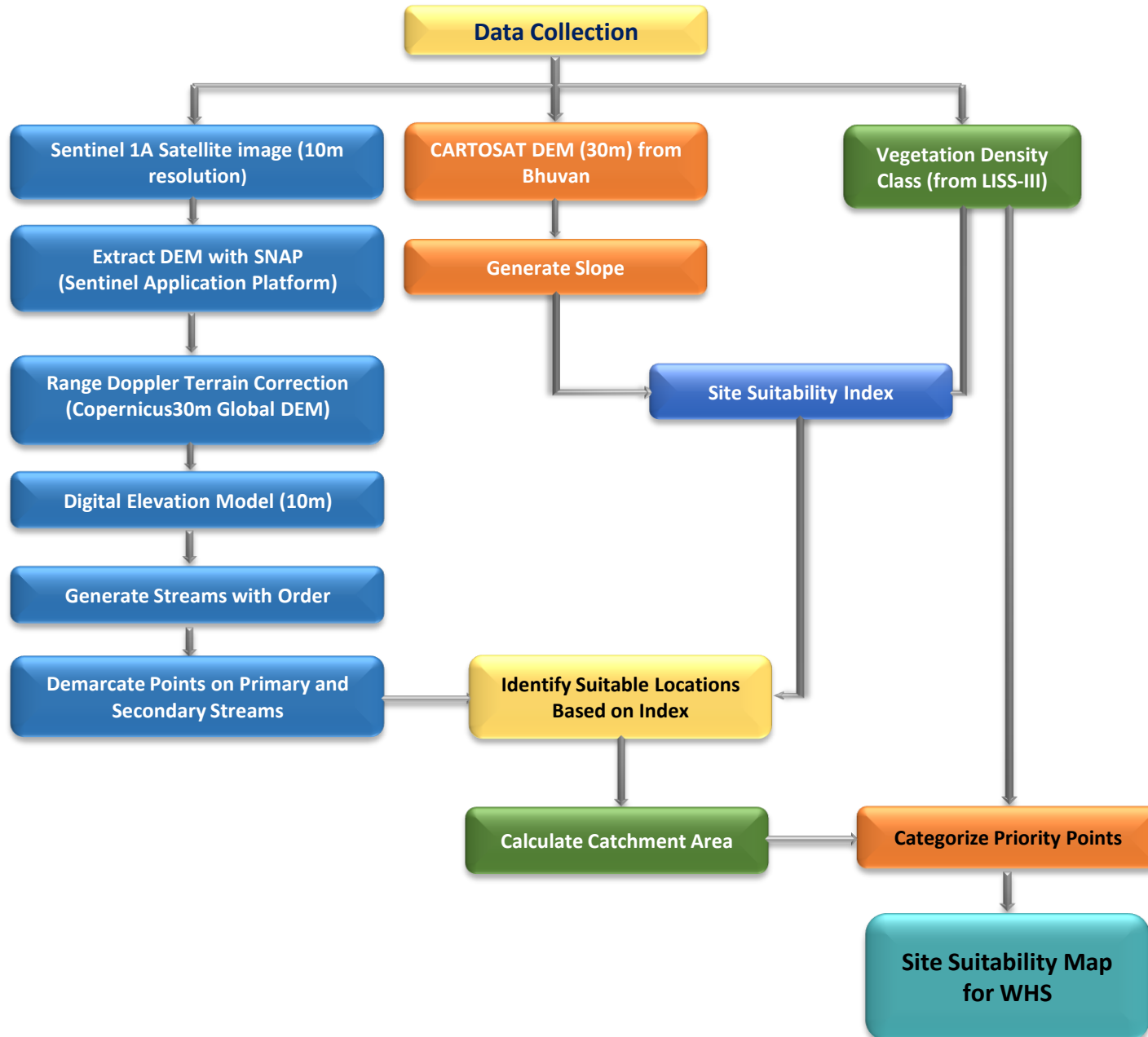
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



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

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

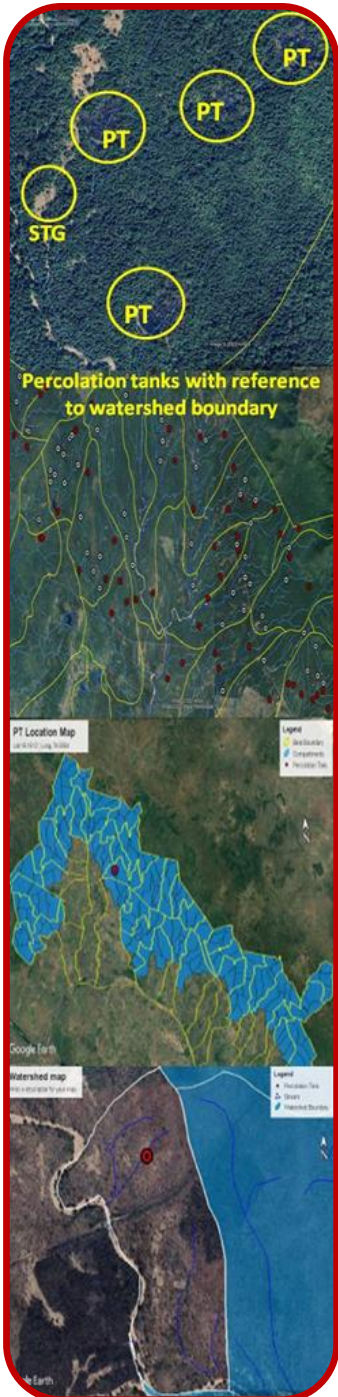
Suitability criteria for Continuous/Staggered contour trenches

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



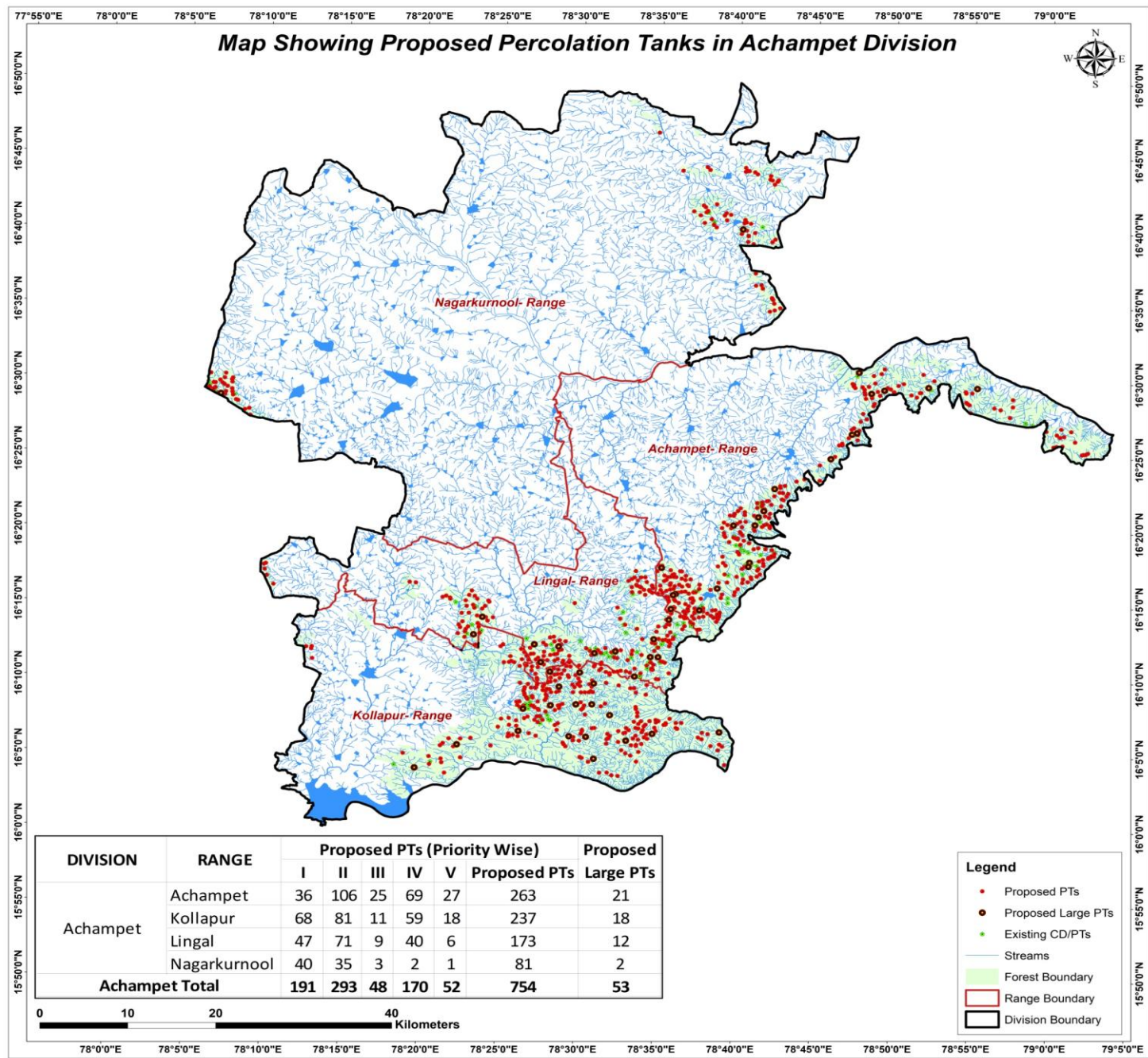
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Achampet Division

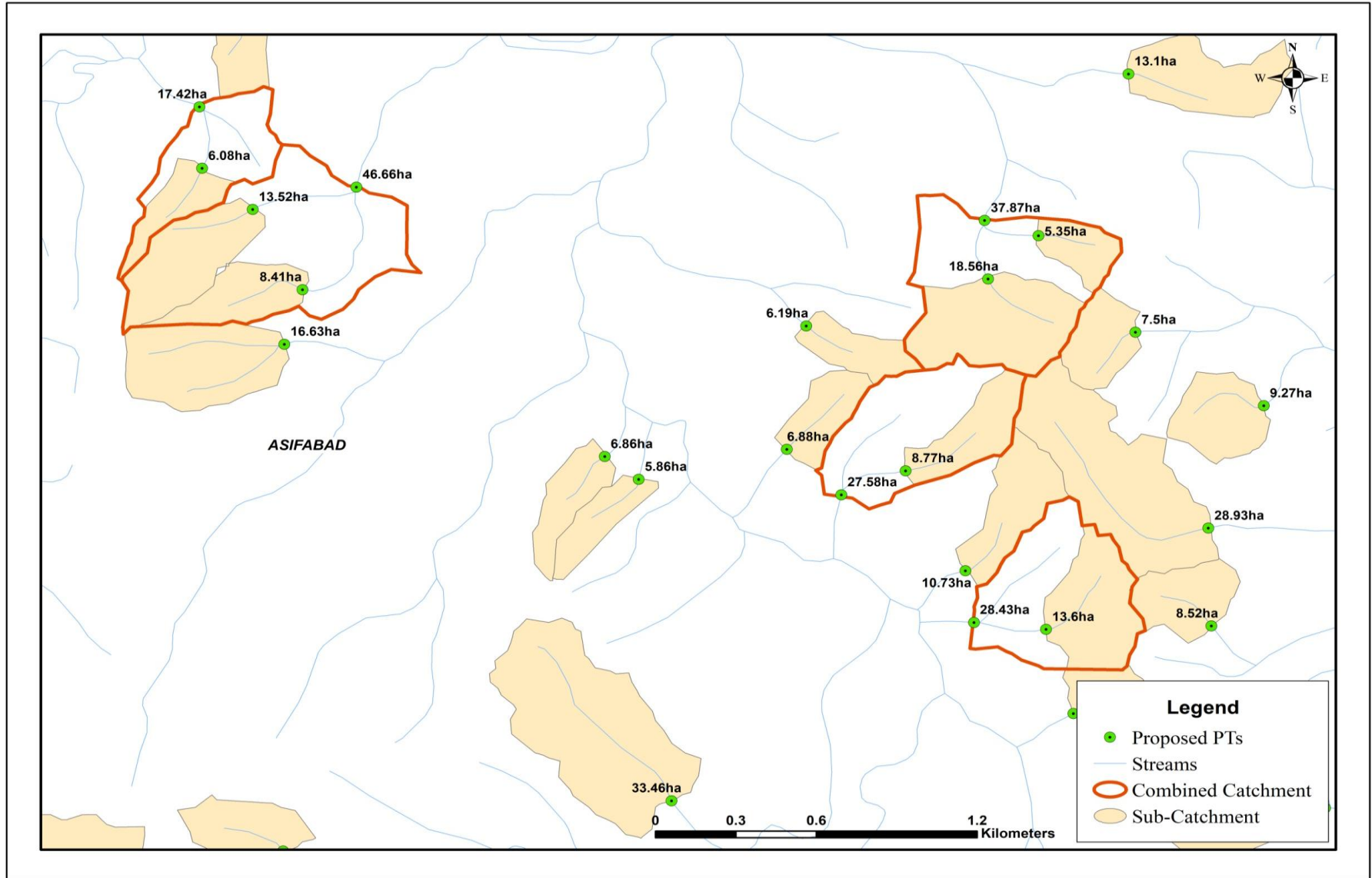


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Achampet	Achampet	36	106	25	69	27	263	21
	Kollapur	68	81	11	59	18	237	18
	Lingal	47	71	9	40	6	173	12
	Nagarkurnool	40	35	3	2	1	81	2
Achampet Total		191	293	48	170	52	754	53

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



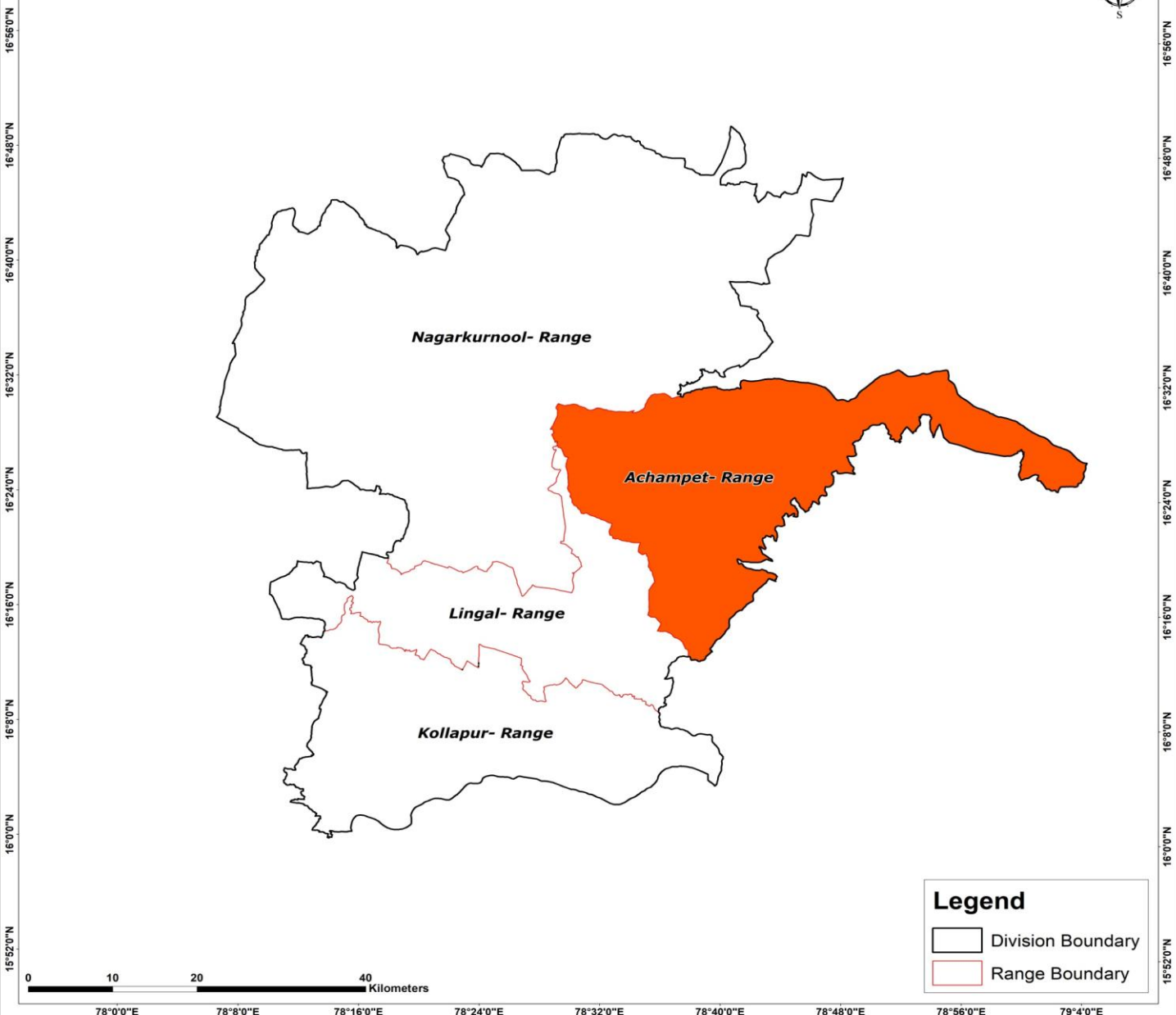
CATCHMENT AREA



Sample Catchment Map



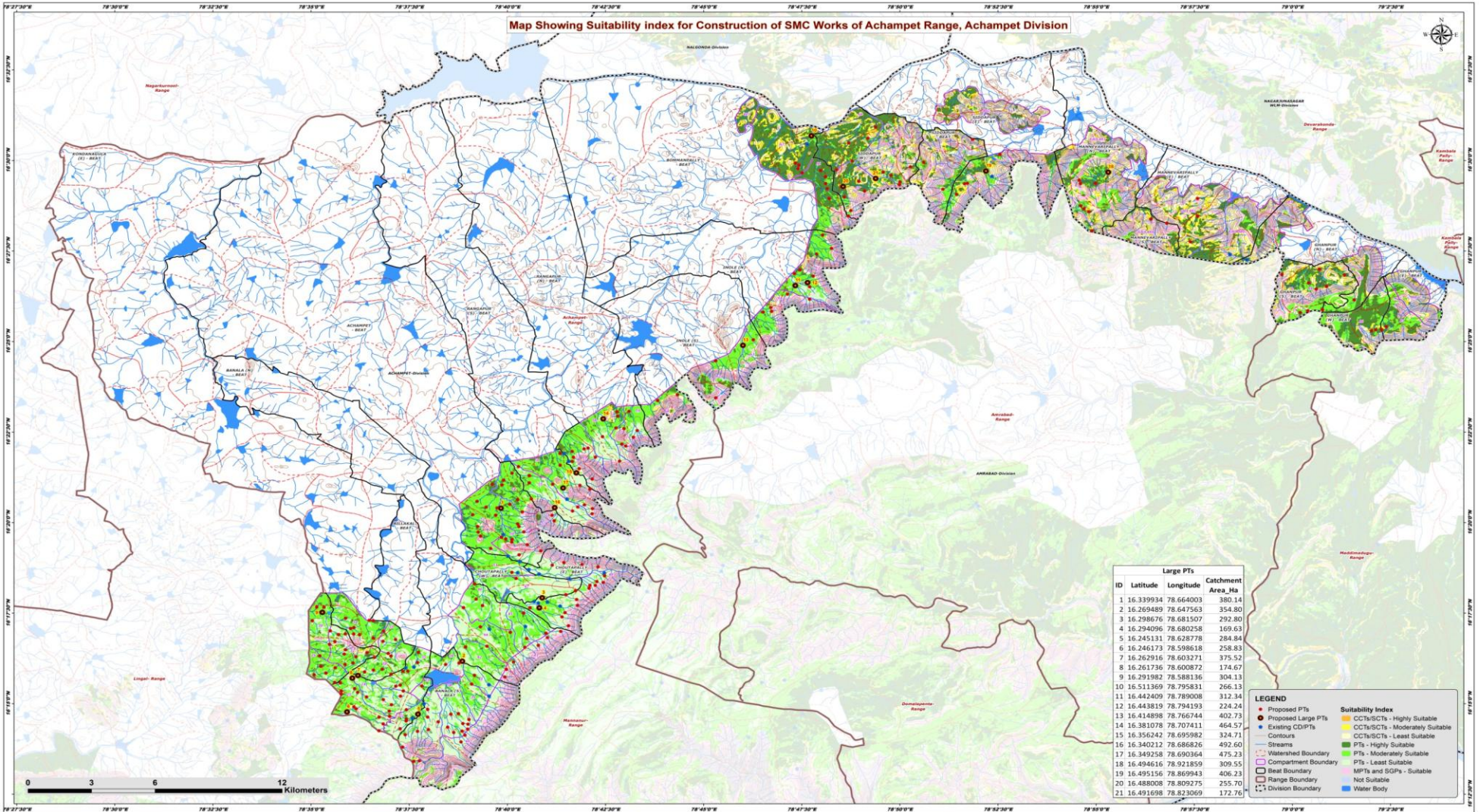
Map Showing Achampet Range in Achampet Division



Legend

- Division Boundary
- Range Boundary

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

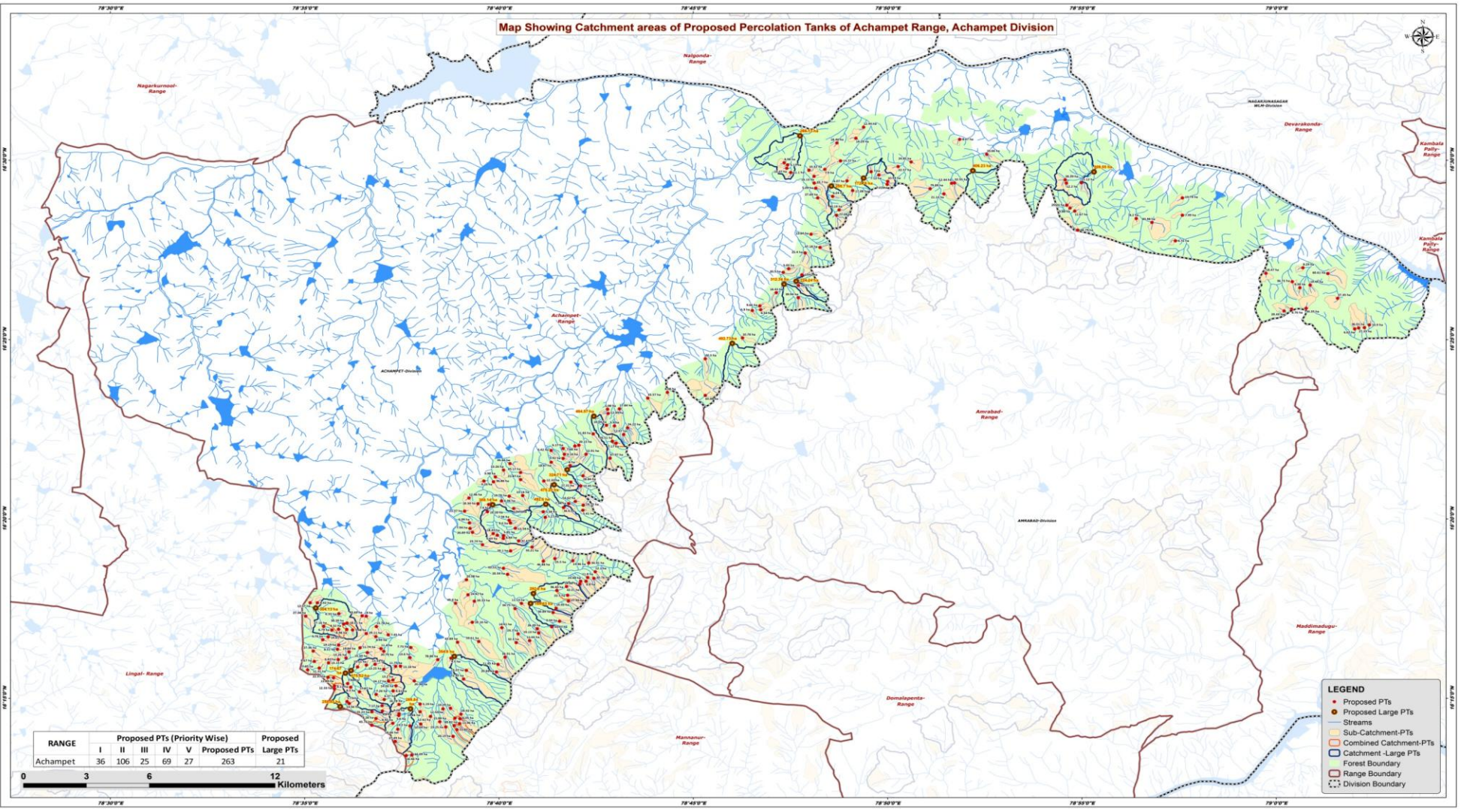


Large PTs			
ID	Latitude	Longitude	Catchment Area Ha
1	16.339934	78.664003	380.14
2	16.269489	78.647563	354.80
3	16.298676	78.681507	292.80
4	16.294096	78.680258	169.63
5	16.245131	78.628778	284.84
6	16.246173	78.598618	258.83
7	16.262916	78.603271	375.52
8	16.261736	78.600872	174.67
9	16.291982	78.588136	304.13
10	16.511369	78.795831	266.13
11	16.442409	78.789008	312.34
12	16.443819	78.794193	224.24
13	16.414898	78.766744	402.73
14	16.381078	78.707411	464.57
15	16.356042	78.699982	334.71
16	16.340212	78.686826	492.60
17	16.349258	78.690364	475.23
18	16.494616	78.921859	309.55
19	16.495136	78.869943	406.23
20	16.488808	78.809275	255.70
21	16.491698	78.823069	172.76

LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Rest Boundary
- Division Boundary
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

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



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Achampet	36	106	25	69	27	263
						21

0 3 6 12 Kilometers

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

Beat wise Abstract of Proposed PT's – Achampet Range

S. No.	Beat	Proposed PT's
1	ACHAMPET	29
2	BANALA (N)	17
3	BANALA (S)	24
4	BILLAKAL	29
5	BOMMANPALLY	10
6	CHOUTAPALLY (E)	17
7	CHOUTAPALLY (W)	4
8	GHANPUR (E)	2
9	GHANPUR (N)	1
10	GHANPUR (S)	9
11	GHANPUR (W)	2
12	INOLE (N)	12
13	INOLE (S)	5
14	KONDANAGULA (E)	17
15	KONDANAGULA (W)	20
16	MANNEVARIPALLY (E)	4
17	MANNEVARIPALLY (N)	7
18	MANNEVARIPALLY (S)	1
19	RANGAPUR (N)	19
20	RANGAPUR (S)	13
21	SIDDAPUR	3
22	SIDDAPUR (E)	4
23	SIDDAPUR (W)	14
	Total	263

List of Proposed PTs – Achampet 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	16.331483	78.671660	9.60	I	ACHAMPET	41	16.285337	78.655265	20.16	IV	BANALA (N)	81	16.422055	79.035386	27.33	II	GHANPUR (W)
2	16.341749	78.667802	6.06	I	ACHAMPET	42	16.276425	78.658040	59.61	IV	BANALA (N)	82	16.482518	78.959833	19.79	I	MANNEVARIPALLY (E)
3	16.336974	78.651961	21.37	I	ACHAMPET	43	16.276841	78.679845	11.44	IV	BANALA (N)	83	16.462567	78.956791	6.72	I	MANNEVARIPALLY (E)
4	16.331533	78.654058	6.09	II	ACHAMPET	44	16.275920	78.674107	32.30	V	BANALA (N)	84	16.474459	78.959805	7.99	I	MANNEVARIPALLY (E)
5	16.352897	78.665140	9.98	II	ACHAMPET	45	16.262249	78.665606	29.83	V	BANALA (N)	85	16.471105	78.946730	83.98	IV	MANNEVARIPALLY (E)
6	16.340049	78.662292	7.90	II	ACHAMPET	46	16.283228	78.689359	33.97	V	BANALA (N)	86	16.245400	78.645938	10.29	II	BANALA (S)
7	16.350980	78.660267	9.26	II	ACHAMPET	47	16.308825	78.707995	12.10	II	CHOUTAPALLY (E)	87	16.245117	78.642714	12.54	II	BANALA (S)
8	16.325630	78.668723	5.85	II	ACHAMPET	48	16.294136	78.676348	11.14	II	CHOUTAPALLY (E)	88	16.263003	78.652714	15.07	II	BANALA (S)
9	16.336741	78.661745	10.28	II	ACHAMPET	49	16.297885	78.696152	22.50	IV	CHOUTAPALLY (E)	89	16.229992	78.622248	27.49	III	BANALA (S)
10	16.325776	78.665981	9.69	II	ACHAMPET	50	16.291866	78.691207	19.93	IV	CHOUTAPALLY (E)	90	16.240544	78.649981	6.05	IV	BANALA (S)
11	16.340468	78.657707	18.34	II	ACHAMPET	51	16.304438	78.701755	23.68	IV	CHOUTAPALLY (E)	91	16.258976	78.651551	72.47	IV	BANALA (S)
12	16.344235	78.676900	10.16	II	ACHAMPET	52	16.285855	78.692685	9.04	IV	CHOUTAPALLY (E)	92	16.238057	78.633170	10.09	IV	BANALA (S)
13	16.343086	78.653860	12.96	II	ACHAMPET	53	16.304451	78.704058	6.80	IV	CHOUTAPALLY (E)	93	16.239137	78.641321	15.88	IV	BANALA (S)
14	16.338238	78.673040	13.79	II	ACHAMPET	54	16.313955	78.698372	14.96	IV	CHOUTAPALLY (E)	94	16.232378	78.647032	20.15	IV	BANALA (S)
15	16.332757	78.671044	7.58	II	ACHAMPET	55	16.303106	78.701435	14.88	IV	CHOUTAPALLY (E)	95	16.223451	78.626951	16.66	IV	BANALA (S)
16	16.321405	78.659641	23.74	II	ACHAMPET	56	16.314882	78.690701	23.50	IV	CHOUTAPALLY (E)	96	16.268670	78.646178	9.50	IV	BANALA (S)
17	16.324312	78.668573	6.84	II	ACHAMPET	57	16.306143	78.704739	11.80	IV	CHOUTAPALLY (E)	97	16.243806	78.632885	11.66	IV	BANALA (S)
18	16.326532	78.664237	18.83	II	ACHAMPET	58	16.313722	78.685773	46.88	V	CHOUTAPALLY (E)	98	16.236727	78.643935	23.25	IV	BANALA (S)
19	16.356054	78.668674	10.26	II	ACHAMPET	59	16.305760	78.707392	30.76	V	CHOUTAPALLY (E)	99	16.237217	78.628565	13.20	IV	BANALA (S)
20	16.343940	78.671105	16.76	II	ACHAMPET	60	16.312910	78.705192	34.91	V	CHOUTAPALLY (E)	100	16.235465	78.648683	21.82	IV	BANALA (S)
21	16.328937	78.654305	7.94	II	ACHAMPET	61	16.295232	78.696483	27.94	V	CHOUTAPALLY (E)	101	16.241625	78.637342	12.61	IV	BANALA (S)
22	16.350619	78.664370	36.86	III	ACHAMPET	62	16.289903	78.689926	30.89	V	CHOUTAPALLY (E)	102	16.247352	78.632873	5.19	IV	BANALA (S)
23	16.327112	78.655359	26.89	III	ACHAMPET	63	16.301958	78.695704	32.21	V	CHOUTAPALLY (E)	103	16.238259	78.649837	11.96	IV	BANALA (S)
24	16.318494	78.671703	20.10	IV	ACHAMPET	64	16.305110	78.652760	20.98	I	CHOUTAPALLY (W)	104	16.235657	78.623316	18.66	IV	BANALA (S)
25	16.329048	78.673692	13.59	IV	ACHAMPET	65	16.307606	78.670373	20.59	II	CHOUTAPALLY (W)	105	16.267994	78.640488	78.88	V	BANALA (S)
26	16.336665	78.685703	5.38	IV	ACHAMPET	66	16.300131	78.691549	96.83	V	CHOUTAPALLY (W)	106	16.240806	78.647815	27.58	V	BANALA (S)
27	16.334138	78.686570	5.27	IV	ACHAMPET	67	16.310428	78.668634	93.53	V	CHOUTAPALLY (W)	107	16.223700	78.629347	44.09	V	BANALA (S)
28	16.320265	78.680894	33.21	V	ACHAMPET	68	16.423512	79.039958	10.90	I	GHANPUR (E)	108	16.242652	78.650435	29.92	V	BANALA (S)
29	16.323137	78.675167	32.67	V	ACHAMPET	69	16.422244	79.037878	36.01	II	GHANPUR (E)	109	16.237337	78.647492	40.82	V	BANALA (S)
30	16.279978	78.674926	23.70	II	BANALA (N)	70	16.435864	79.026378	37.35	III	GHANPUR (N)	110	16.264858	78.622407	11.75	I	BILLAKAL
31	16.298127	78.653432	24.42	II	BANALA (N)	71	16.450040	79.011488	8.29	I	GHANPUR (S)	111	16.268924	78.628534	13.60	II	BILLAKAL
32	16.265774	78.666287	11.05	II	BANALA (N)	72	16.447483	78.995634	18.47	I	GHANPUR (S)	112	16.259523	78.595784	11.89	II	BILLAKAL
33	16.282817	78.667981	14.41	II	BANALA (N)	73	16.441982	79.014604	19.44	I	GHANPUR (S)	113	16.264936	78.624452	13.18	II	BILLAKAL
34	16.294163	78.648063	49.80	III	BANALA (N)	74	16.430809	79.006615	6.76	II	GHANPUR (S)	114	16.263493	78.617317	13.25	II	BILLAKAL
35	16.295125	78.656166	39.53	III	BANALA (N)	75	16.440809	79.010203	8.38	II	GHANPUR (S)	115	16.254380	78.596151	12.33	II	BILLAKAL
36	16.282377	78.683120	26.49	III	BANALA (N)	76	16.429994	79.003428	20.43	II	GHANPUR (S)	116	16.246584	78.616557	7.17	II	BILLAKAL
37	16.276074	78.648949	43.89	III	BANALA (N)	77	16.431259	79.012857	34.35	III	GHANPUR (S)	117	16.242009	78.623721	5.60	II	BILLAKAL
38	16.291690	78.673624	34.75	III	BANALA (N)	78	16.443573	79.006944	36.72	III	GHANPUR (S)	118	16.256905	78.601844	7.94	II	BILLAKAL
39	16.269155	78.669350	36.91	III	BANALA (N)	79	16.447373	79.022178	60.61	IV	GHANPUR (S)	119	16.273615	78.628881	7.73	II	BILLAKAL
40	16.280405	78.683748	19.13	IV	BANALA (N)	80	16.421594	79.033701	6.62	I	GHANPUR (W)	120	16.255193	78.603146	8.30	II	BILLAKAL

List of Proposed PTs – Achampet 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
121	16.244122	78.616720	9.80	II	BILLAKAL	161	16.271559	78.602422	14.84	II	KONDANAGULA (W)	201	16.392159	78.738960	8.08	II	INOLE (S)
122	16.247183	78.623823	16.78	II	BILLAKAL	162	16.267994	78.597765	6.82	II	KONDANAGULA (W)	202	16.389500	78.730515	33.57	III	INOLE (S)
123	16.258550	78.621235	13.20	II	BILLAKAL	163	16.264080	78.589647	11.31	II	KONDANAGULA (W)	203	16.390738	78.755176	65.88	V	INOLE (S)
124	16.240669	78.613981	8.28	II	BILLAKAL	164	16.282106	78.597901	8.32	II	KONDANAGULA (W)	204	16.384336	78.713282	5.08	II	RANGAPUR (N)
125	16.253054	78.606916	17.87	II	BILLAKAL	165	16.266472	78.593620	13.15	II	KONDANAGULA (W)	205	16.376586	78.716250	5.90	II	RANGAPUR (N)
126	16.255787	78.596122	8.11	II	BILLAKAL	166	16.294361	78.588853	8.43	II	KONDANAGULA (W)	206	16.361485	78.694217	5.92	II	RANGAPUR (N)
127	16.243752	78.612221	25.23	III	BILLAKAL	167	16.268694	78.601122	13.26	II	KONDANAGULA (W)	207	16.382349	78.713507	12.49	II	RANGAPUR (N)
128	16.255822	78.622511	14.26	IV	BILLAKAL	168	16.288202	78.583833	27.04	III	KONDANAGULA (W)	208	16.384512	78.718397	17.84	II	RANGAPUR (N)
129	16.238426	78.621193	8.92	IV	BILLAKAL	169	16.271975	78.587048	27.36	III	KONDANAGULA (W)	209	16.363379	78.694766	6.16	II	RANGAPUR (N)
130	16.242881	78.623856	6.18	IV	BILLAKAL	170	16.294419	78.585762	12.37	IV	KONDANAGULA (W)	210	16.366090	78.694218	6.17	II	RANGAPUR (N)
131	16.251837	78.614018	7.26	IV	BILLAKAL	171	16.259806	78.593361	22.97	IV	KONDANAGULA (W)	211	16.376863	78.712799	16.04	II	RANGAPUR (N)
132	16.249485	78.617477	6.37	IV	BILLAKAL	172	16.272815	78.597434	8.51	IV	KONDANAGULA (W)	212	16.358168	78.697234	6.00	II	RANGAPUR (N)
133	16.258110	78.630384	20.94	IV	BILLAKAL	173	16.273476	78.607094	11.74	IV	KONDANAGULA (W)	213	16.372865	78.707119	31.83	III	RANGAPUR (N)
134	16.248512	78.601558	5.73	IV	BILLAKAL	174	16.281724	78.595042	6.79	IV	KONDANAGULA (W)	214	16.375708	78.721844	24.22	IV	RANGAPUR (N)
135	16.258019	78.619339	24.17	IV	BILLAKAL	175	16.278560	78.593459	14.81	IV	KONDANAGULA (W)	215	16.367260	78.699283	7.68	IV	RANGAPUR (N)
136	16.247588	78.602500	13.56	IV	BILLAKAL	176	16.283499	78.591498	27.16	V	KONDANAGULA (W)	216	16.368583	78.716977	7.17	IV	RANGAPUR (N)
137	16.253419	78.621299	8.61	IV	BILLAKAL	177	16.497851	78.790512	5.17	I	BOMMANPALLY	217	16.369487	78.715328	20.51	IV	RANGAPUR (N)
138	16.237512	78.612160	43.76	V	BILLAKAL	178	16.496258	78.790165	10.47	I	BOMMANPALLY	218	16.363451	78.704051	12.91	IV	RANGAPUR (N)
140	16.265814	78.613582	13.33	I	KONDANAGULA (E)	179	16.494321	78.791854	11.10	I	BOMMANPALLY	219	16.372625	78.720168	12.07	IV	RANGAPUR (N)
141	16.288194	78.609786	8.00	I	KONDANAGULA (E)	180	16.495406	78.799655	10.32	I	BOMMANPALLY	220	16.367629	78.700964	20.15	IV	RANGAPUR (N)
142	16.289316	78.598009	6.33	I	KONDANAGULA (E)	181	16.498832	78.789015	8.98	I	BOMMANPALLY	221	16.361607	78.714366	47.97	V	RANGAPUR (N)
143	16.279525	78.619227	7.45	II	KONDANAGULA (E)	182	16.492553	78.801861	14.13	I	BOMMANPALLY	222	16.353371	78.702737	28.84	V	RANGAPUR (N)
144	16.285021	78.601546	18.01	II	KONDANAGULA (E)	183	16.487036	78.802566	5.09	II	BOMMANPALLY	223	16.351642	78.676020	21.87	II	RANGAPUR (S)
145	16.264566	78.606050	13.29	II	KONDANAGULA (E)	184	16.482511	78.803387	27.69	II	BOMMANPALLY	224	16.359719	78.689121	18.47	II	RANGAPUR (S)
146	16.265453	78.609845	10.11	II	KONDANAGULA (E)	185	16.489408	78.801897	43.70	II	BOMMANPALLY	225	16.350991	78.685990	12.32	II	RANGAPUR (S)
147	16.288363	78.608059	43.69	II	KONDANAGULA (E)	186	16.474442	78.811483	77.09	IV	BOMMANPALLY	226	16.365139	78.689065	6.42	II	RANGAPUR (S)
148	16.281771	78.603948	5.48	II	KONDANAGULA (E)	187	16.449611	78.790954	5.03	I	INOLE (N)	227	16.359089	78.671436	45.66	III	RANGAPUR (S)
149	16.271875	78.617295	20.79	II	KONDANAGULA (E)	188	16.430581	78.778952	9.54	II	INOLE (N)	228	16.354928	78.676009	45.17	III	RANGAPUR (S)
150	16.283380	78.614166	15.78	II	KONDANAGULA (E)	189	16.430180	78.775345	6.90	II	INOLE (N)	229	16.350451	78.697530	17.31	IV	RANGAPUR (S)
151	16.280099	78.609797	29.11	III	KONDANAGULA (E)	190	16.438464	78.785652	18.43	II	INOLE (N)	230	16.341501	78.699440	14.62	IV	RANGAPUR (S)
152	16.282008	78.601469	8.98	IV	KONDANAGULA (E)	191	16.432333	78.778583	9.66	II	INOLE (N)	231	16.337405	78.702697	5.41	IV	RANGAPUR (S)
153	16.278671	78.613897	8.99	IV	KONDANAGULA (E)	192	16.447901	78.788608	20.50	II	INOLE (N)	232	16.348687	78.701738	10.45	IV	RANGAPUR (S)
154	16.271262	78.610245	15.49	IV	KONDANAGULA (E)	193	16.446789	78.796612	17.52	II	INOLE (N)	233	16.340509	78.696609	7.94	IV	RANGAPUR (S)
155	16.273099	78.616136	11.40	IV	KONDANAGULA (E)	194	16.465641	78.800558	13.84	II	INOLE (N)	234	16.338626	78.694370	36.60	V	RANGAPUR (S)
156	16.284542	78.600106	38.39	V	KONDANAGULA (E)	195	16.459500	78.804412	37.18	III	INOLE (N)	235	16.339743	78.702859	29.75	V	RANGAPUR (S)
157	16.267180	78.587504	8.67	II	KONDANAGULA (W)	196	16.456912	78.798049	25.40	III	INOLE (N)	236	16.477768	78.911614	5.88	I	MANNEVARIPALLY (N)
158	16.277232	78.591161	9.78	II	KONDANAGULA (W)	197	16.441852	78.795095	24.77	IV	INOLE (N)	237	16.489517	78.916483	21.12	I	MANNEVARIPALLY (N)
159	16.274781	78.597938	19.19	II	KONDANAGULA (W)	198	16.436146	78.795076	39.94	V	INOLE (N)	238	16.490908	78.909574	28.39	II	MANNEVARIPALLY (N)
160	16.263261	78.584651	7.85	II	KONDANAGULA (W)	199	16.407792	78.755182	20.50	II	INOLE (S)	239	16.467547	78.914917	48.79	II	MANNEVARIPALLY (N)
						200	16.417476	78.771169	10.78	II	INOLE (S)	240	16.489349	78.910060	12.20	II	MANNEVARIPALLY (N)

List of Proposed PTs – Achampet Range

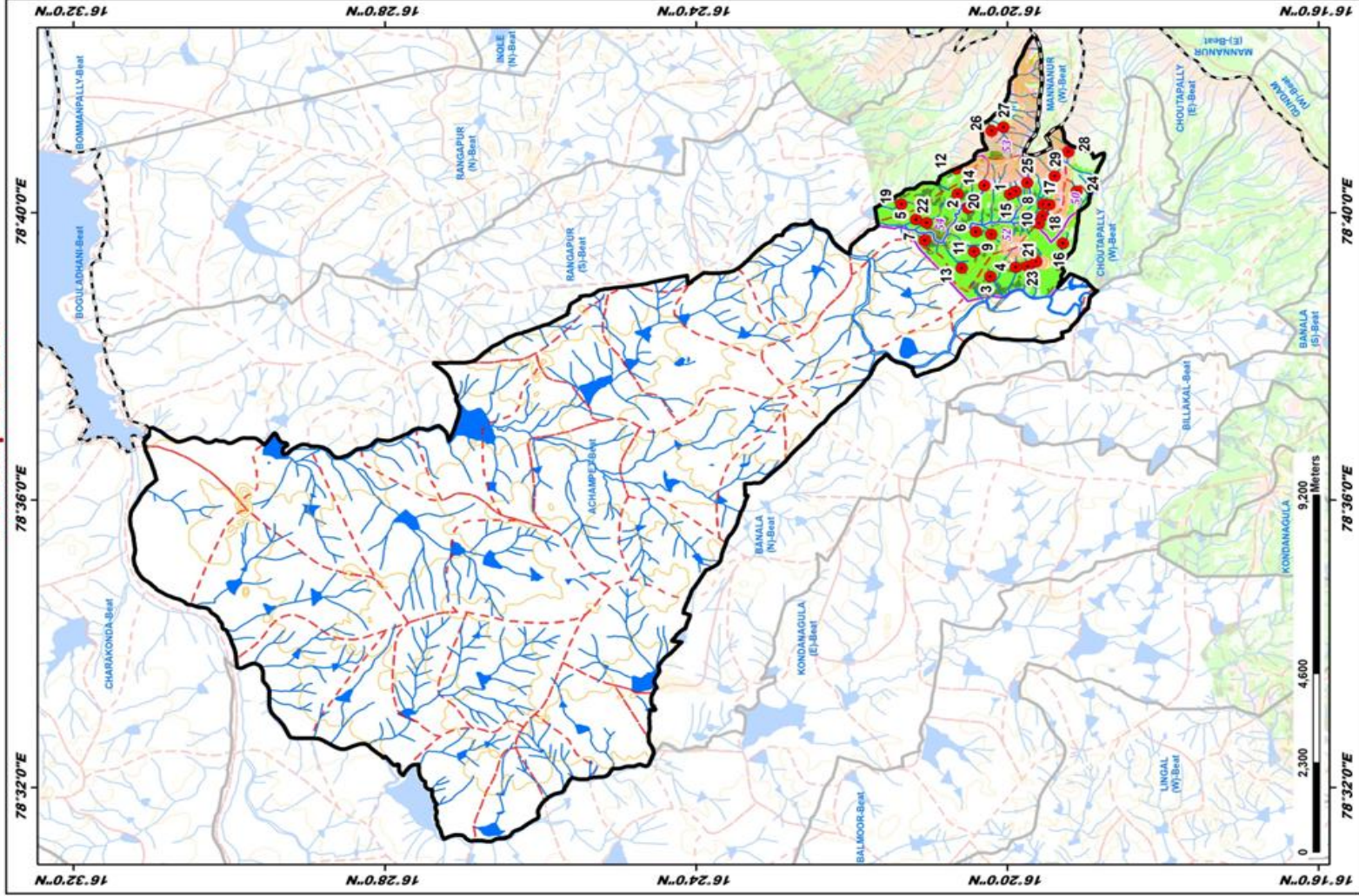
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
241	16.476369	78.913626	11.67	II	MANNEVARIPALLY (N)
242	16.479096	78.910229	25.24	III	MANNEVARIPALLY (N)
243	16.472962	78.940009	8.20	I	MANNEVARIPALLY (S)
244	16.509739	78.864297	8.47	I	SIDDAPUR
245	16.499226	78.843486	24.85	II	SIDDAPUR
246	16.486780	78.851641	79.89	IV	SIDDAPUR
247	16.502787	78.875886	18.66	I	SIDDAPUR (E)
248	16.484363	78.857507	21.14	II	SIDDAPUR (E)
249	16.489316	78.860825	12.44	II	SIDDAPUR (E)
250	16.489481	78.862066	32.55	III	SIDDAPUR (E)
251	16.508033	78.811667	18.46	I	SIDDAPUR (W)
252	16.515375	78.823094	12.44	I	SIDDAPUR (W)
253	16.485954	78.818377	17.08	I	SIDDAPUR (W)
254	16.490430	78.815956	6.07	I	SIDDAPUR (W)
255	16.495781	78.806466	7.90	I	SIDDAPUR (W)
256	16.497054	78.837922	22.57	I	SIDDAPUR (W)
257	16.483224	78.809825	6.24	I	SIDDAPUR (W)
258	16.499717	78.813191	15.77	I	SIDDAPUR (W)
259	16.490143	78.833426	10.59	II	SIDDAPUR (W)
260	16.488801	78.833217	7.22	II	SIDDAPUR (W)
261	16.494683	78.826317	7.00	II	SIDDAPUR (W)
262	16.510240	78.819755	14.29	II	SIDDAPUR (W)
263	16.493185	78.829622	7.12	II	SIDDAPUR (W)
264	16.476924	78.812560	40.19	III	SIDDAPUR (W)

Total 263 No.s only (S.No. 139 deleted)

Map Showing Suitability Index for Construction of SMC Works of Achampet Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
1	16.331483	78.671660	9.60	I
2	16.341749	78.667802	6.06	I
3	16.336974	78.651961	21.37	I
4	16.331533	78.654958	6.09	II
5	16.332897	78.665140	9.38	II
6	16.340069	78.662292	7.90	II
7	16.350980	78.660267	9.26	II
8	16.326530	78.668723	5.85	II
9	16.336741	78.661745	10.28	II
10	16.325776	78.659381	9.69	II
11	16.340468	78.657707	18.34	II
12	16.344235	78.676900	10.16	II
13	16.343086	78.653360	12.96	II
14	16.338238	78.673040	13.79	II
15	16.332757	78.671044	7.58	II
16	16.321405	78.658641	23.74	II
17	16.338312	78.665573	6.84	II
18	16.326532	78.664237	18.83	II
19	16.356054	78.666674	10.26	II
20	16.343940	78.671105	16.76	II
21	16.328937	78.654305	7.94	II
22	16.350619	78.664370	36.86	III
23	16.327112	78.653359	26.89	III
24	16.338494	78.671703	20.10	IV
25	16.329048	78.674692	13.59	IV
26	16.336665	78.685793	5.38	IV
27	16.334138	78.686370	5.27	IV
28	16.320265	78.686984	33.21	V
29	16.323137	78.675167	32.67	V

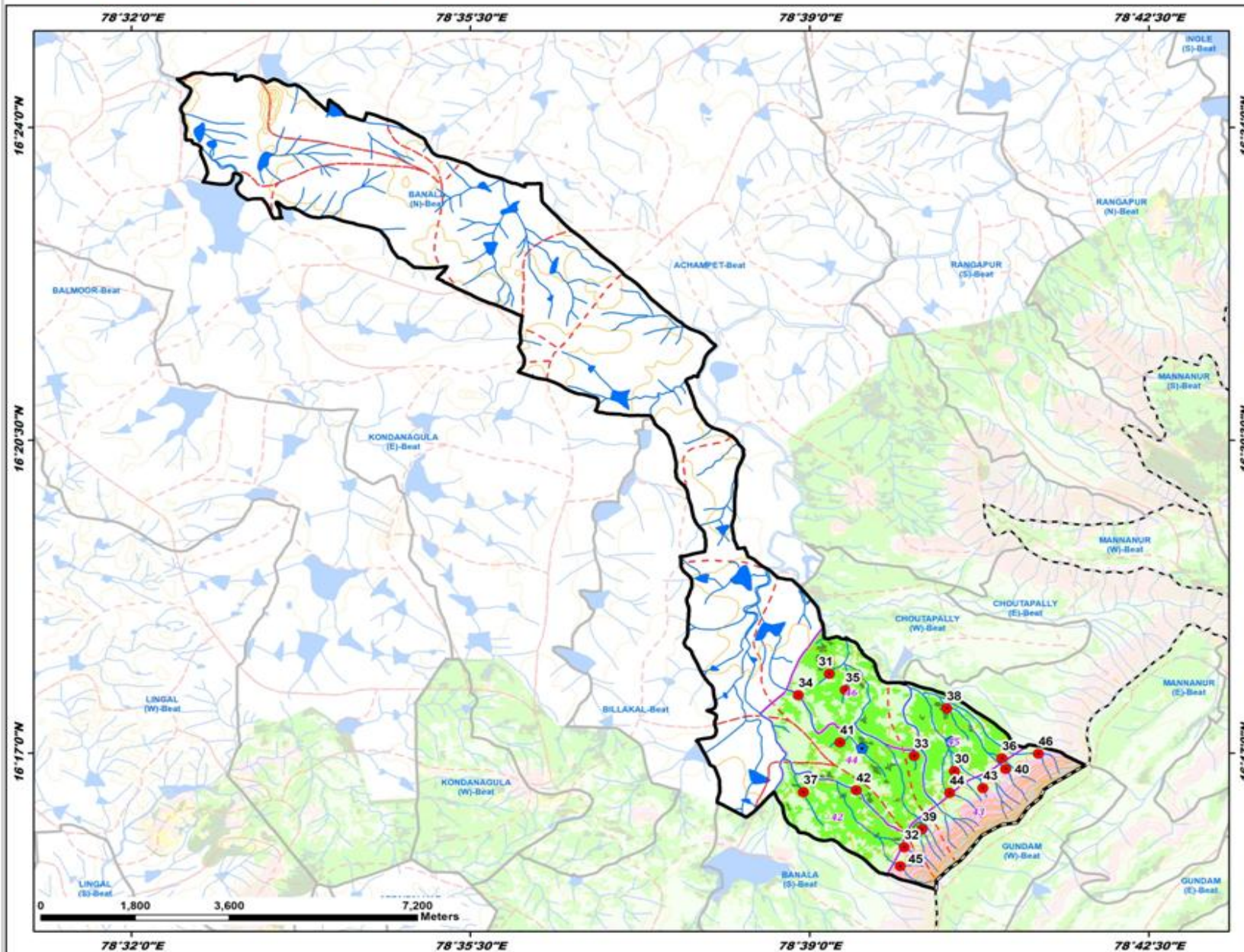
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Banala North Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
30	16.279978	78.674926	23.70	II
31	16.296127	78.653432	24.42	II
32	16.265774	78.666287	11.05	II
33	16.282817	78.667981	14.41	II
34	16.294163	78.648063	49.80	III
35	16.295125	78.654166	39.53	III
36	16.282377	78.683120	26.49	III
37	16.276074	78.648949	43.89	III
38	16.291690	78.673624	34.75	III
39	16.269155	78.669350	36.91	III
40	16.280405	78.683748	19.13	IV
41	16.285337	78.655365	20.16	IV
42	16.276425	78.658040	59.61	IV
43	16.276841	78.679845	11.44	IV
44	16.275920	78.674307	82.30	V
45	16.262249	78.665606	29.83	V
46	16.283228	78.689359	33.97	V

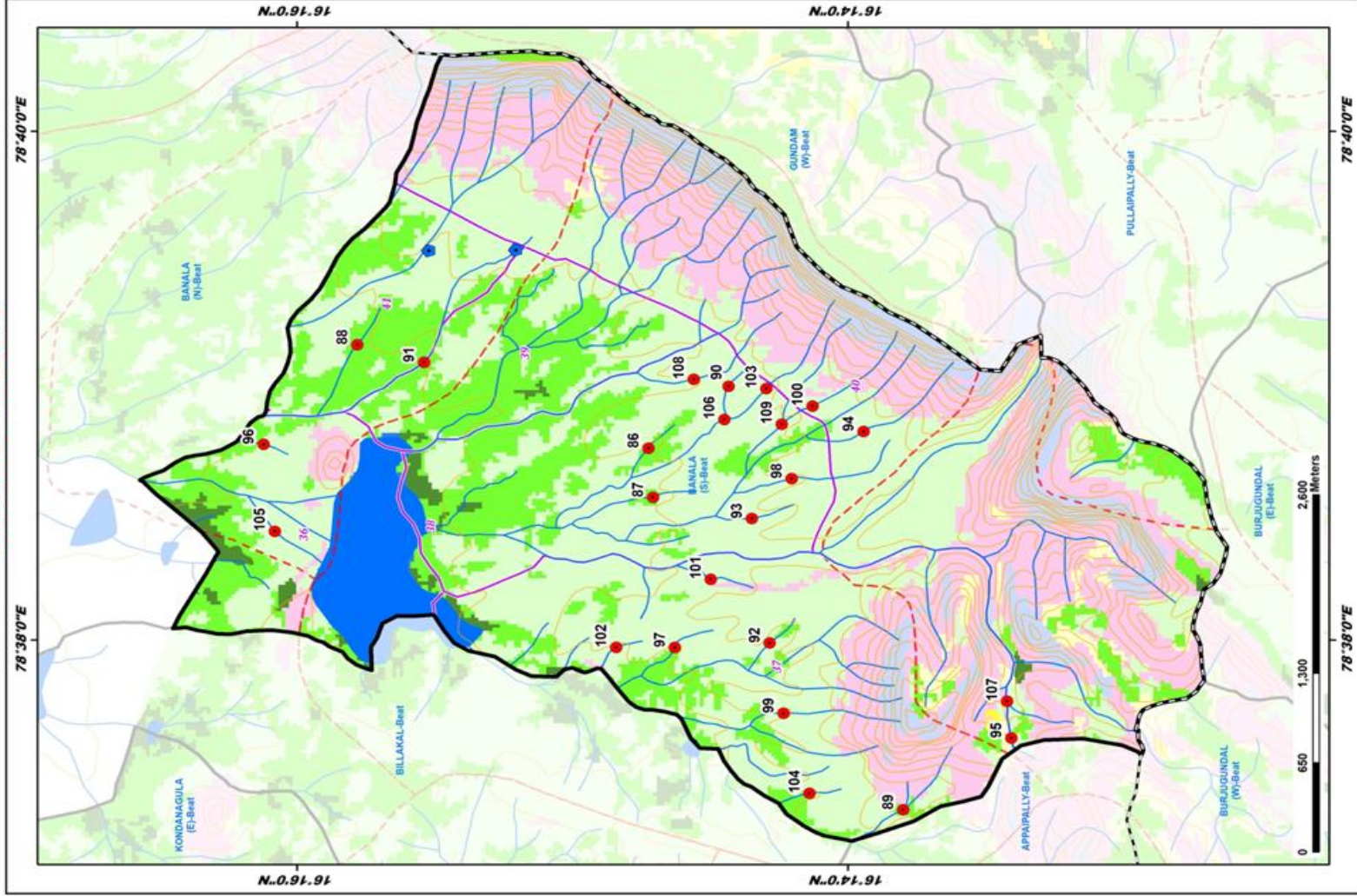
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Banala South Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha.	PRIORITY
86	16.245400	78.645938	10.29	II
87	16.245117	78.642714	12.54	II
88	16.263003	78.652714	15.07	II
89	16.229992	78.622408	27.49	III
90	16.240544	78.649981	6.05	IV
91	16.258976	78.651551	72.47	IV
92	16.238657	78.633170	10.09	IV
93	16.239137	78.641321	15.88	IV
94	16.232378	78.647032	20.15	IV
95	16.223451	78.629951	16.66	IV
96	16.268670	78.646178	9.50	IV
97	16.243806	78.632885	11.66	IV
98	16.236277	78.643935	23.25	IV
99	16.237217	78.628565	13.20	IV
100	16.235465	78.648683	21.82	IV
101	16.241625	78.637342	12.61	IV
102	16.247352	78.632873	5.19	IV
103	16.238259	78.649837	11.96	IV
104	16.235657	78.623316	18.66	IV
105	16.267994	78.640488	78.88	V
106	16.243806	78.647815	27.58	V
107	16.222700	78.629347	44.09	V
108	16.242652	78.650435	29.92	V
109	16.237337	78.647482	40.82	V

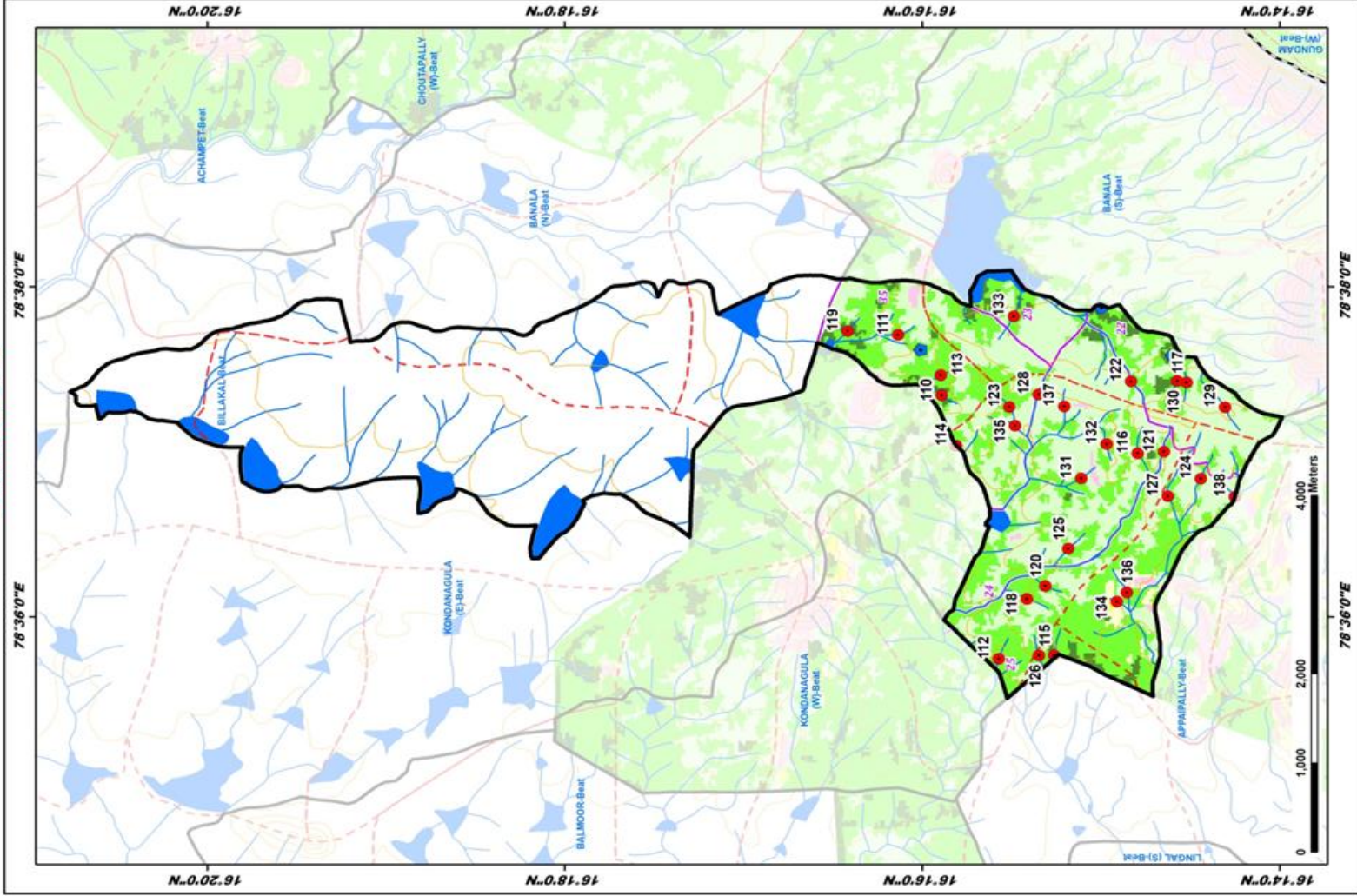
LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- CCTs/SGTs - Highly Suitable
- CCTs/SGTs - Moderately Suitable
- CCTs/SGTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability Index for Construction of SMC Works of Billakal Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
110	16.264858	78.622407	11.75	I
111	16.268934	78.628534	13.60	II
112	16.259623	78.595784	11.89	II
113	16.264936	78.622452	13.38	II
114	16.263493	78.617317	13.25	II
115	16.254380	78.596151	12.33	II
116	16.246584	78.616557	7.17	II
117	16.242009	78.627721	5.60	II
118	16.259905	78.601844	7.94	II
119	16.273615	78.628881	7.73	II
120	16.251193	78.603146	8.30	II
121	16.244322	78.616720	9.80	II
122	16.247183	78.623823	16.78	II
123	16.258550	78.621235	13.20	II
124	16.249669	78.613981	8.28	II
125	16.253854	78.606916	17.87	II
126	16.255787	78.598122	8.11	II
127	16.243752	78.612221	25.23	III
128	16.255822	78.625511	14.26	IV
129	16.238426	78.621193	8.92	IV
130	16.242881	78.623856	6.18	IV
131	16.251837	78.614018	7.26	IV
132	16.249485	78.617477	6.37	IV
133	16.258110	78.603084	20.94	IV
134	16.248512	78.601588	5.73	IV
135	16.259019	78.619389	24.17	IV
136	16.247588	78.602500	13.56	IV
137	16.253419	78.621299	8.61	IV
138	16.237512	78.612160	43.76	V

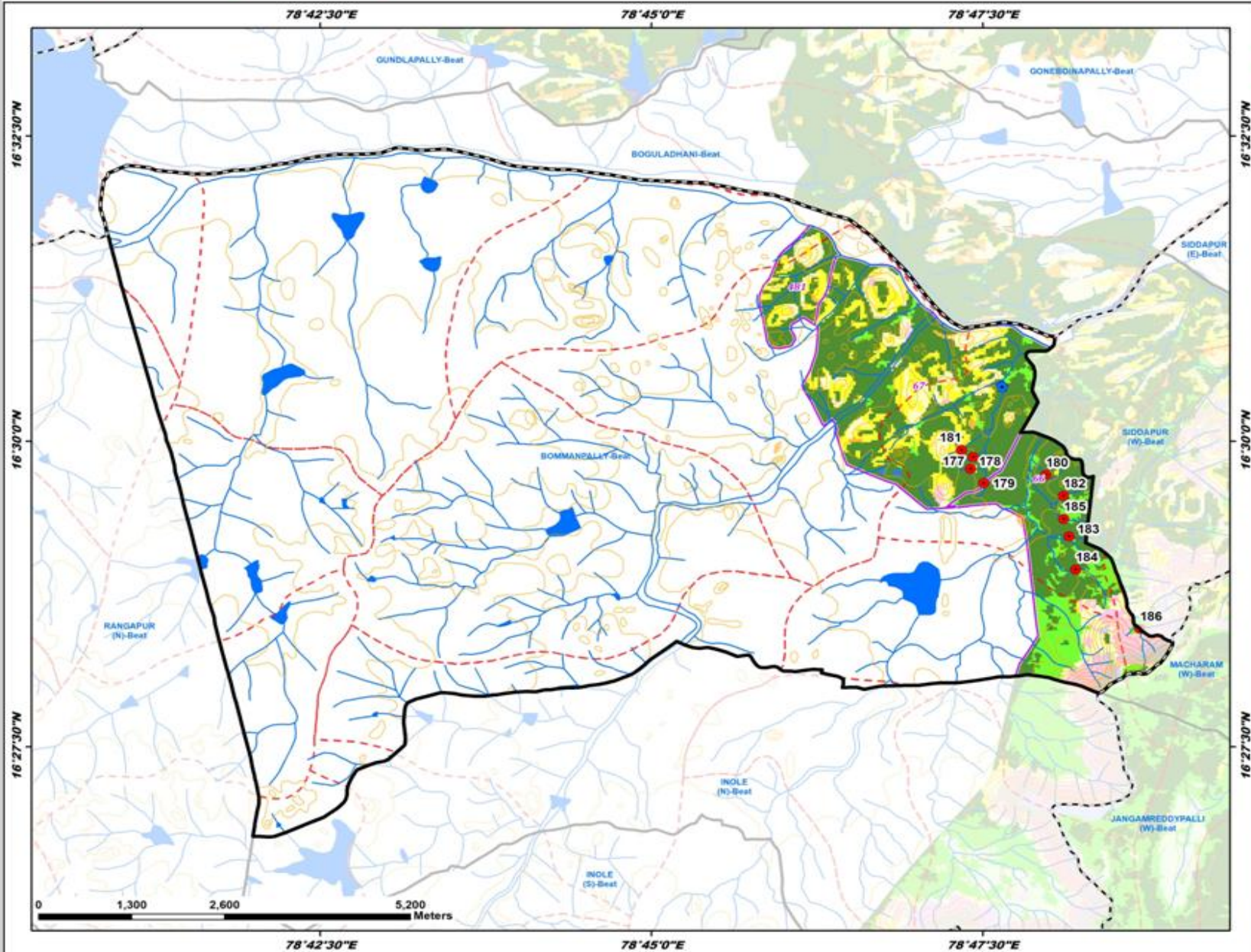
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Bommanpally Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
177	16.497851	78.790512	5.17	I
178	16.496258	78.790165	10.47	I
179	16.494321	78.791854	11.10	I
180	16.495406	78.799655	10.32	I
181	16.498832	78.789015	8.98	I
182	16.492553	78.801861	14.13	I
183	16.487036	78.802566	5.09	II
184	16.482511	78.803387	27.69	II
185	16.489408	78.801897	43.70	II
186	16.474442	78.811483	77.09	IV

LEGEND

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

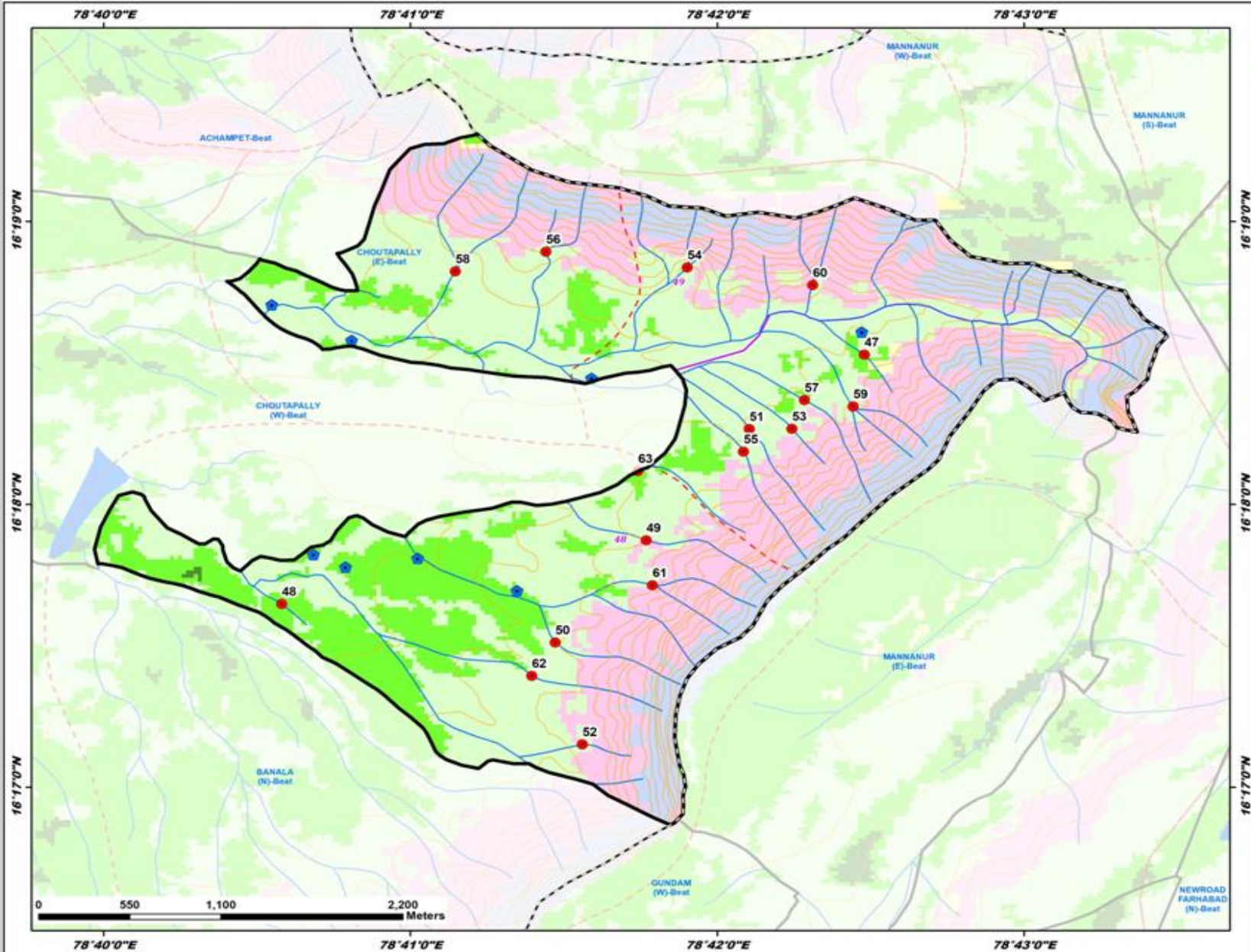
Suitability Index

- 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 Choutapally East Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
47	16.308825	78.707995	12.10	II
48	16.294136	78.676348	11.14	II
49	16.297885	78.696152	22.50	IV
50	16.291866	78.691207	19.93	IV
51	16.304438	78.701755	23.68	IV
52	16.285855	78.692685	9.04	IV
53	16.304451	78.704058	6.80	IV
54	16.313955	78.698372	14.96	IV
55	16.303106	78.701435	14.88	IV
56	16.314882	78.690701	23.50	IV
57	16.306143	78.704739	11.80	IV
58	16.313722	78.685773	46.88	V
59	16.305760	78.707392	30.76	V
60	16.312910	78.705192	34.91	V
61	16.295232	78.696483	27.94	V
62	16.289903	78.689526	30.89	V
63	16.301958	78.695704	32.21	V

LEGEND

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

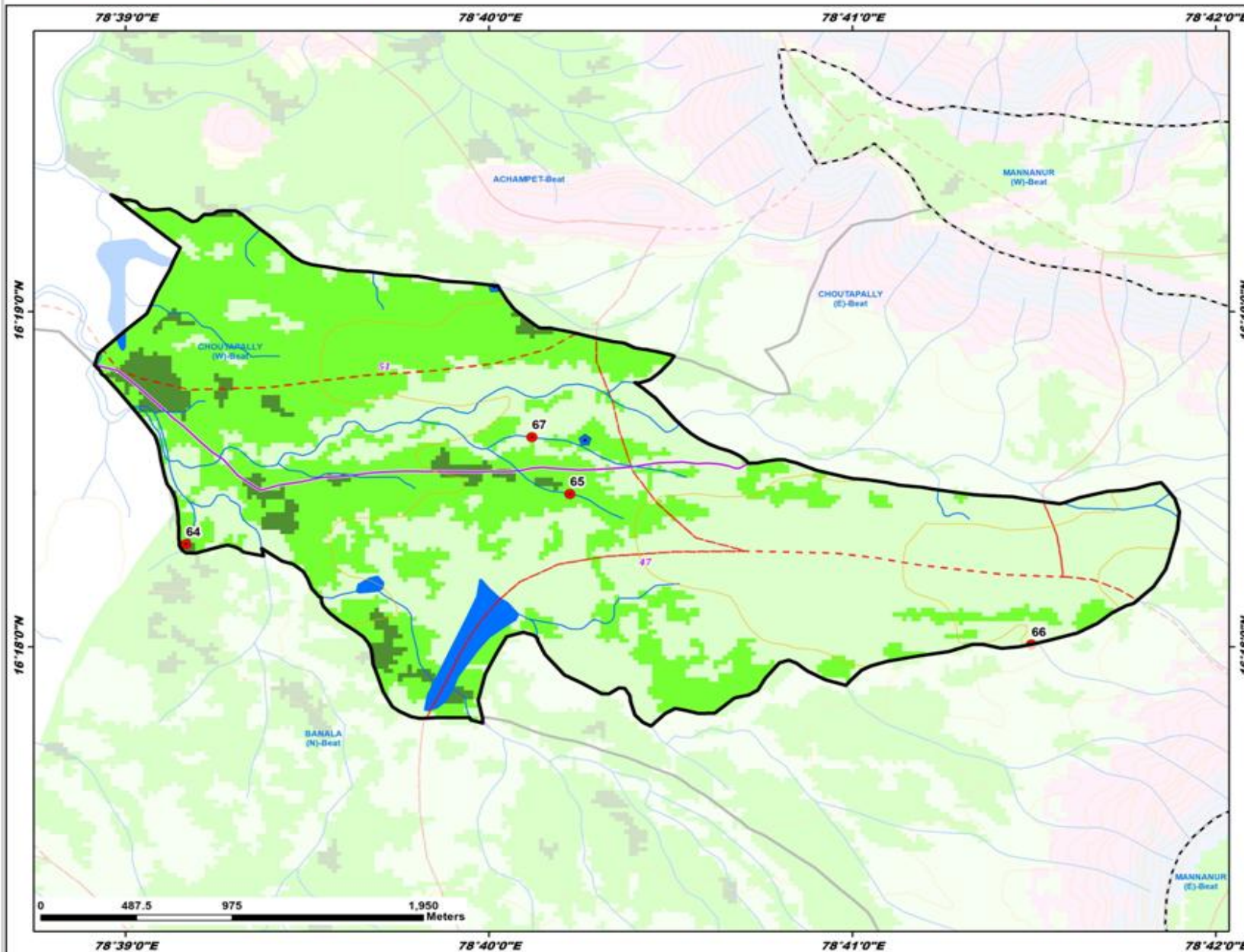
Suitability Index

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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
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- Water Body

Map Showing Suitability Index for Construction of SMC Works of Choutapally West Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
64	16.305110	78.652760	20.98	I
65	16.307606	78.670373	20.59	II
66	16.300131	78.691549	96.83	V
67	16.310428	78.666634	93.53	V

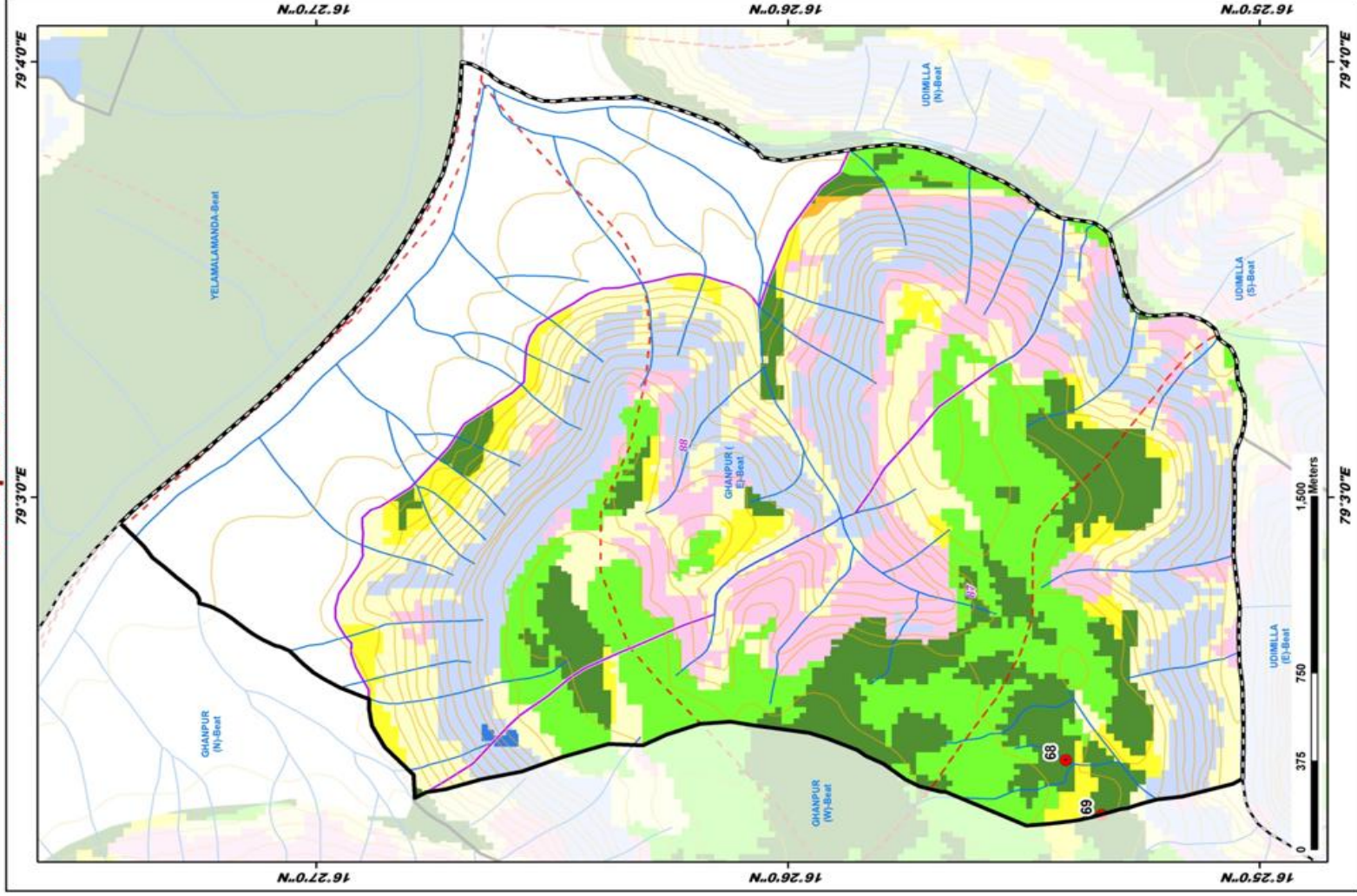
LEGEND

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Map Showing Suitability Index for Construction of SMC Works of Ghanpur East Beat



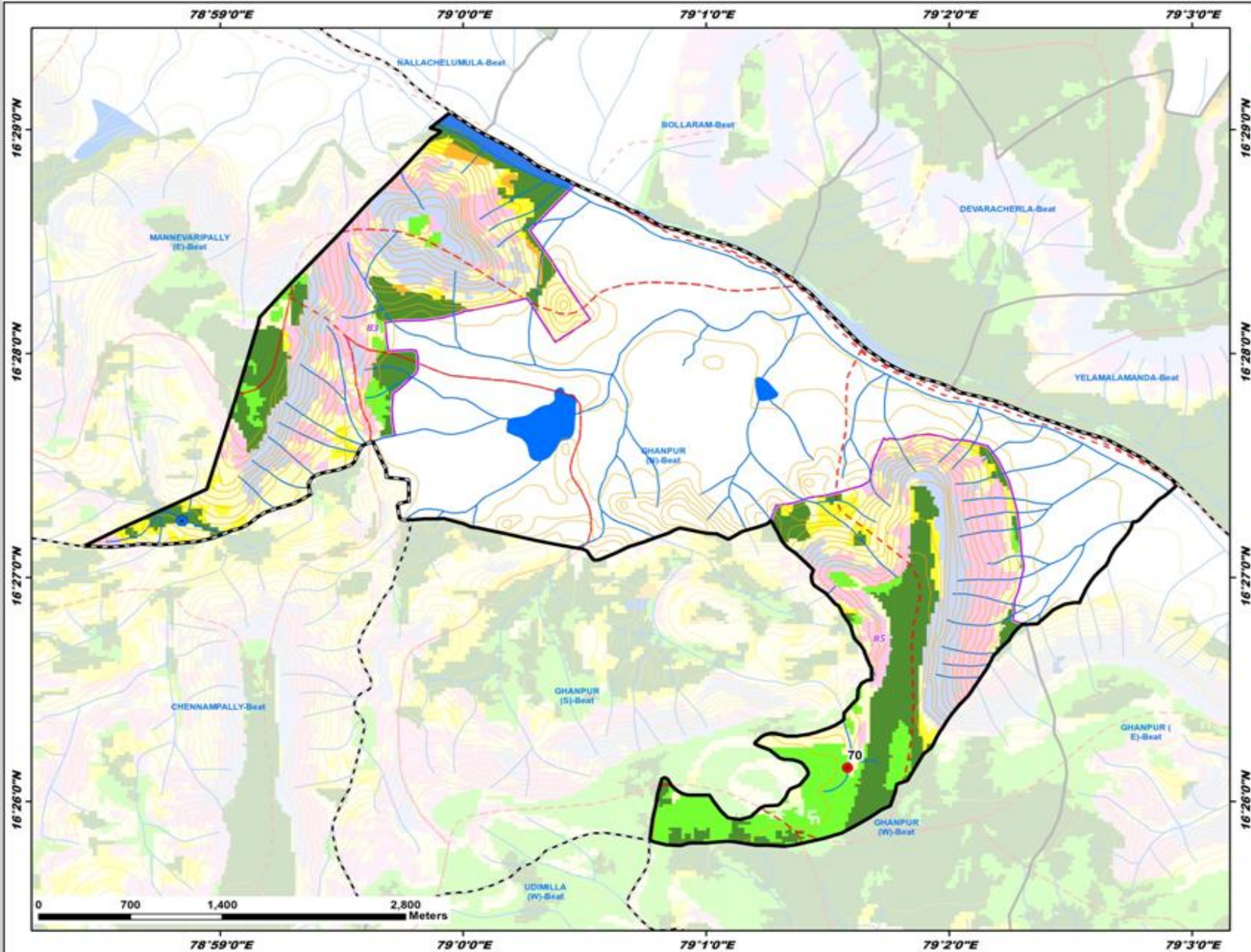
Division : Achampet
Range : Achampet



Map Showing Suitability Index for Construction of SMC Works of Ghanpur North Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
70	16.435864	79.626378	37.35	III

LEGEND

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

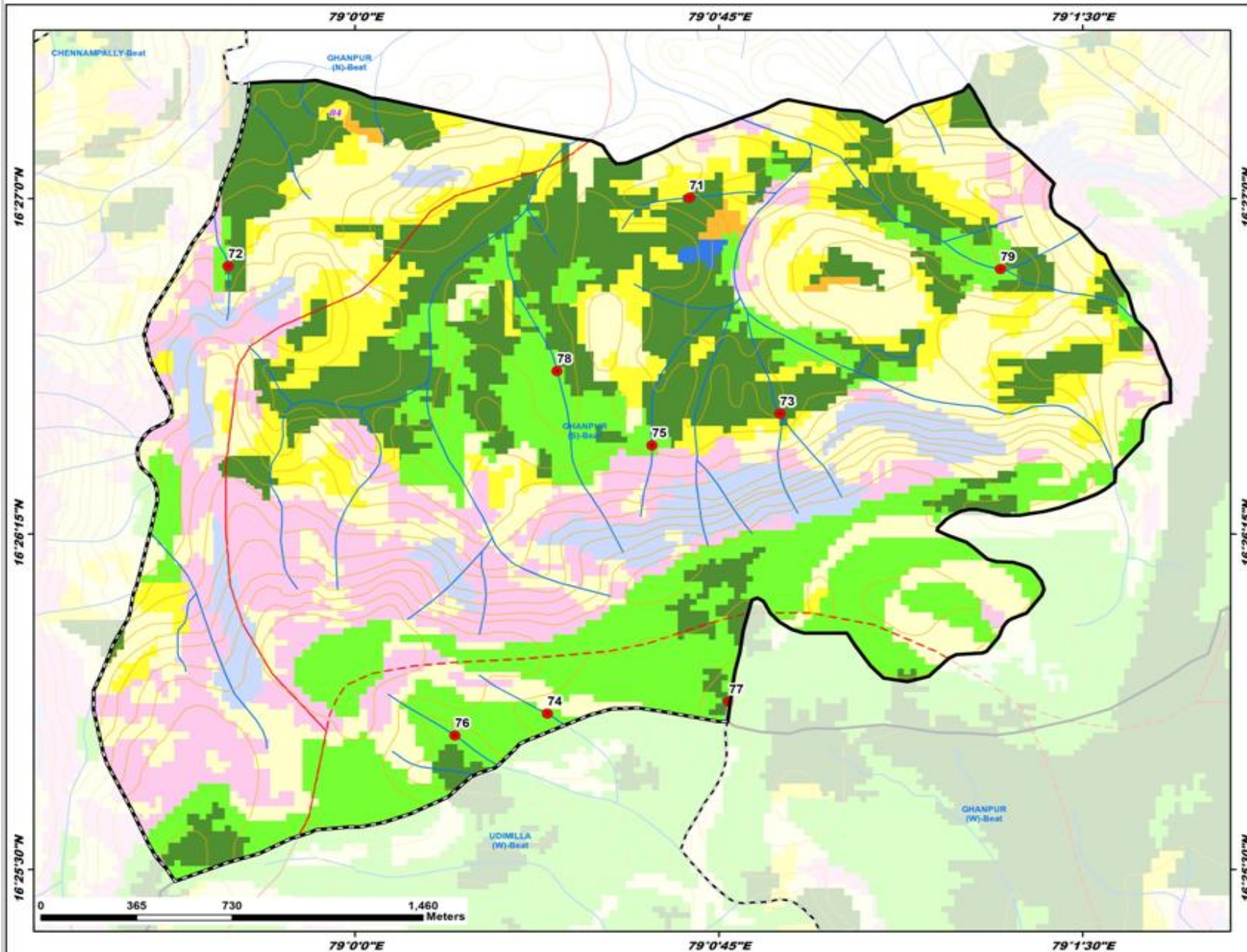
Suitability Index

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- CCTs/SCTs - 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 Ghanpur South Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
71	16.400040	79.011488	8.29	I
72	16.447483	78.995634	18.47	I
73	16.441982	79.014604	19.44	I
74	16.430809	79.006615	6.76	II
75	16.440809	79.010203	8.38	II
76	16.429994	79.003428	20.43	II
77	16.431258	79.012857	34.35	III
78	16.443573	79.006944	36.72	III
79	16.447373	79.022178	60.61	IV

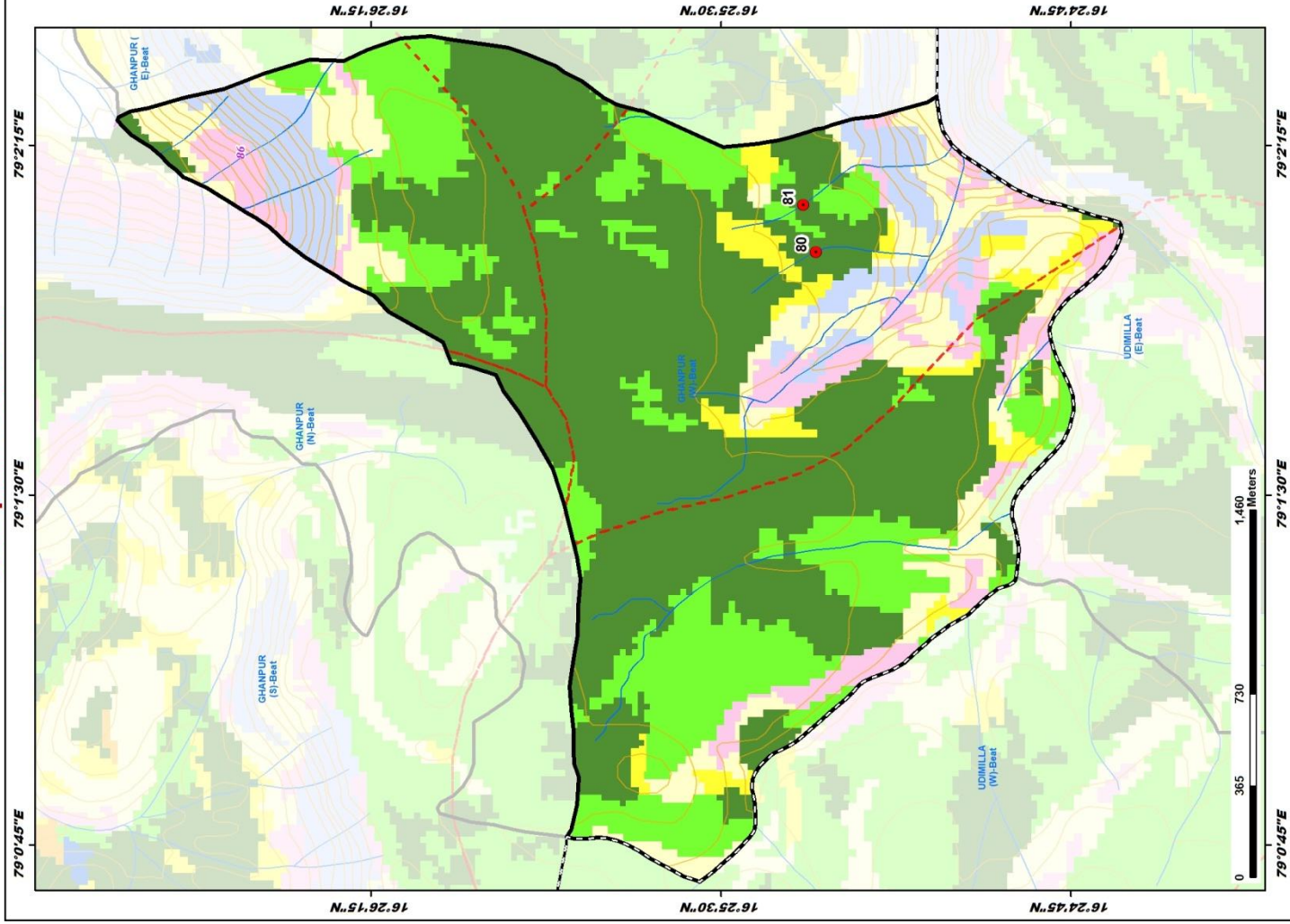
LEGEND

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- 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 Ghanpur West Beat

Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
80	16.421594	79.033701	6.62	I
81	16.422055	79.033986	27.33	II

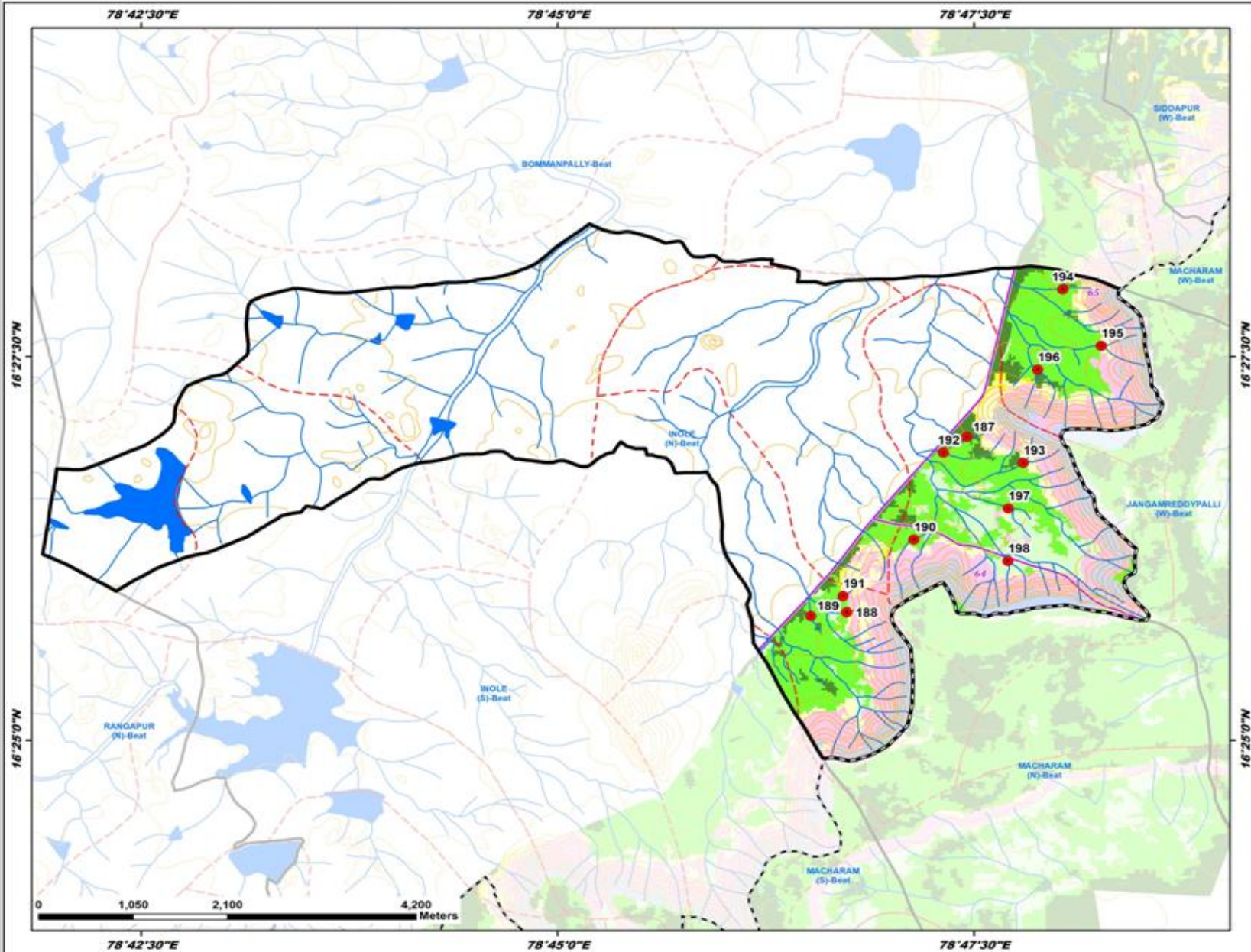
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Inole North Beat



Division : Achampet
Range : Achampet



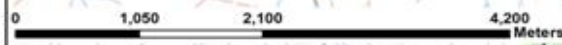
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
187	16.449511	78.790954	5.03	I
188	16.430581	78.778952	9.54	II
189	16.430180	78.775345	6.90	II
190	16.438464	78.785652	18.43	II
191	16.432333	78.778583	9.66	II
192	16.447901	78.788608	20.50	II
193	16.446789	78.796612	17.52	II
194	16.465641	78.800558	13.84	II
195	16.459500	78.804412	37.18	III
196	16.456912	78.798049	25.40	III
197	16.441852	78.795095	24.77	IV
198	16.436146	78.795076	39.94	V

LEGEND

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

Suitability Index

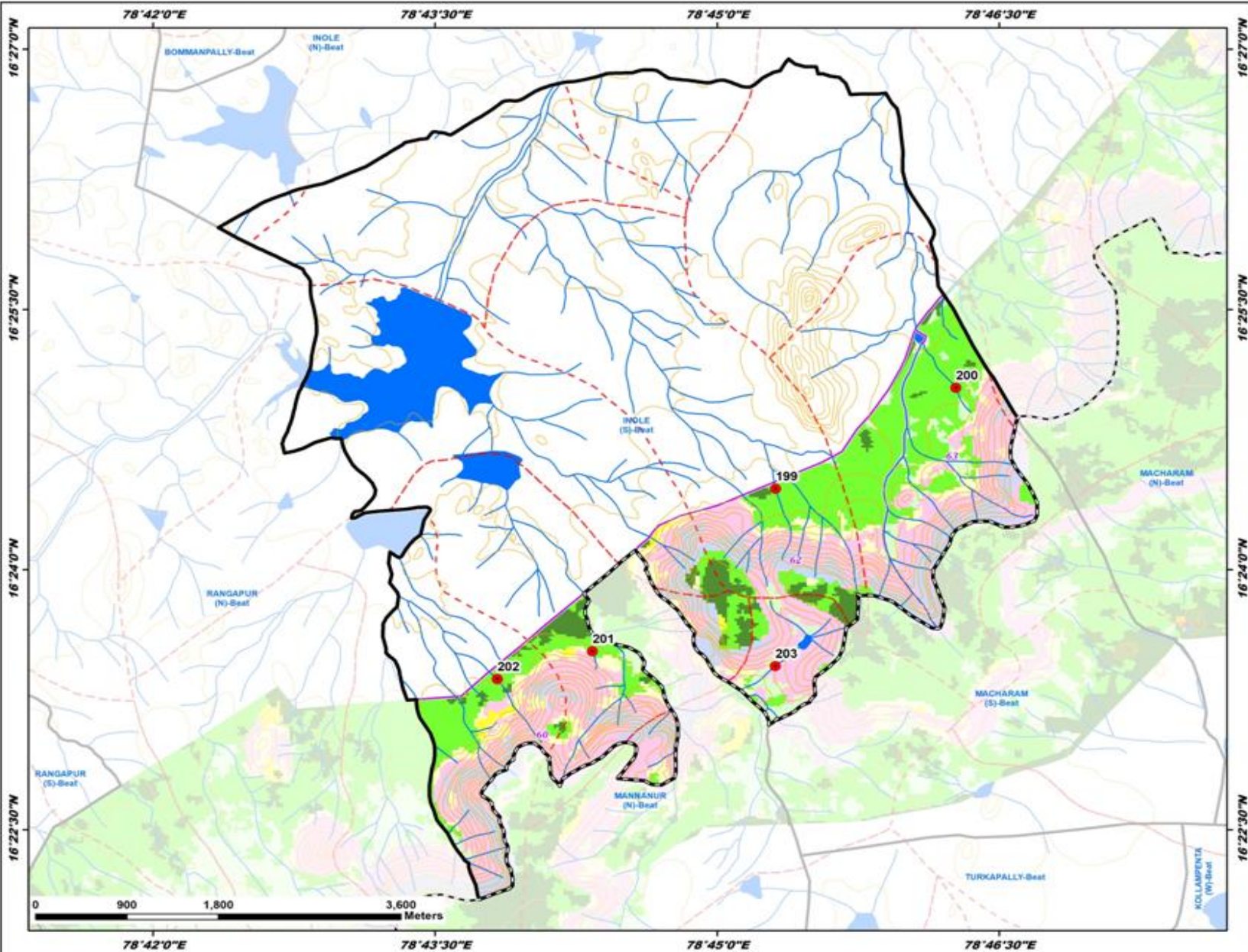
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Inole South Beat



Division : Achampet
Range : Achampet



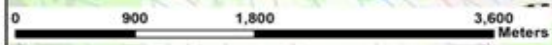
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
199	16.407792	78.755182	20.50	II
200	16.417476	78.771169	10.78	II
201	16.392159	78.738960	8.08	II
202	16.389500	78.730515	33.57	III
203	16.390738	78.755176	65.88	V

LEGEND

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

Suitability Index

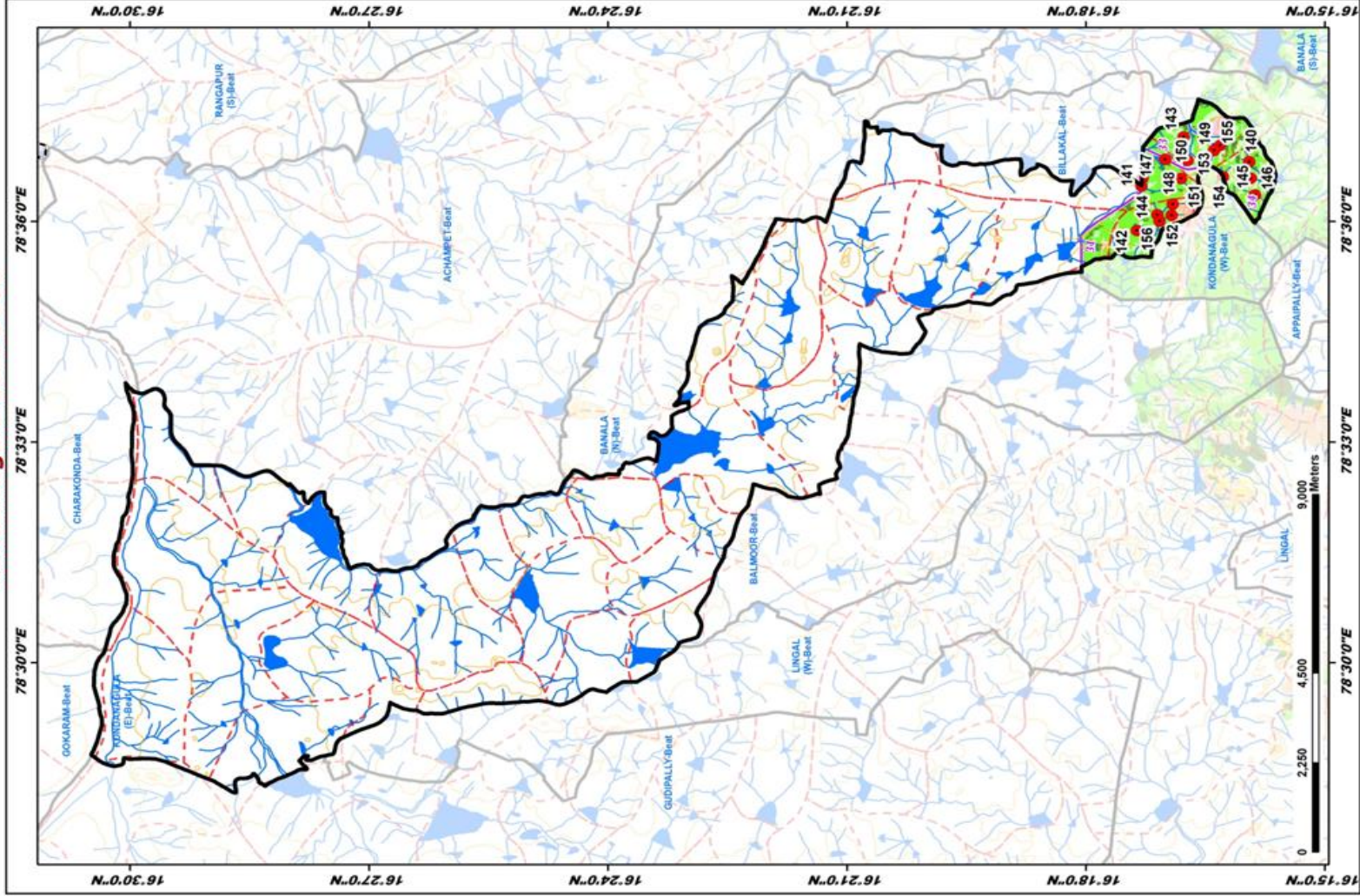
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Kondanagula East Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
140	16.269814	78.613982	13.33	I
141	16.288194	78.609786	8.00	I
142	16.289316	78.598009	6.33	I
143	16.279525	78.619277	7.45	II
144	16.285021	78.601546	18.01	II
145	16.364666	78.606050	13.29	II
146	16.265453	78.609845	10.11	II
147	16.288363	78.608059	43.69	II
148	16.281771	78.609848	5.48	II
149	16.271875	78.617295	20.79	II
150	16.283380	78.614166	15.78	II
151	16.280099	78.609797	29.11	III
152	16.282008	78.601469	8.98	IV
153	16.278671	78.613897	8.99	IV
154	16.271262	78.610245	15.49	IV
155	16.273099	78.616136	11.40	IV
156	16.284542	78.600106	38.39	V

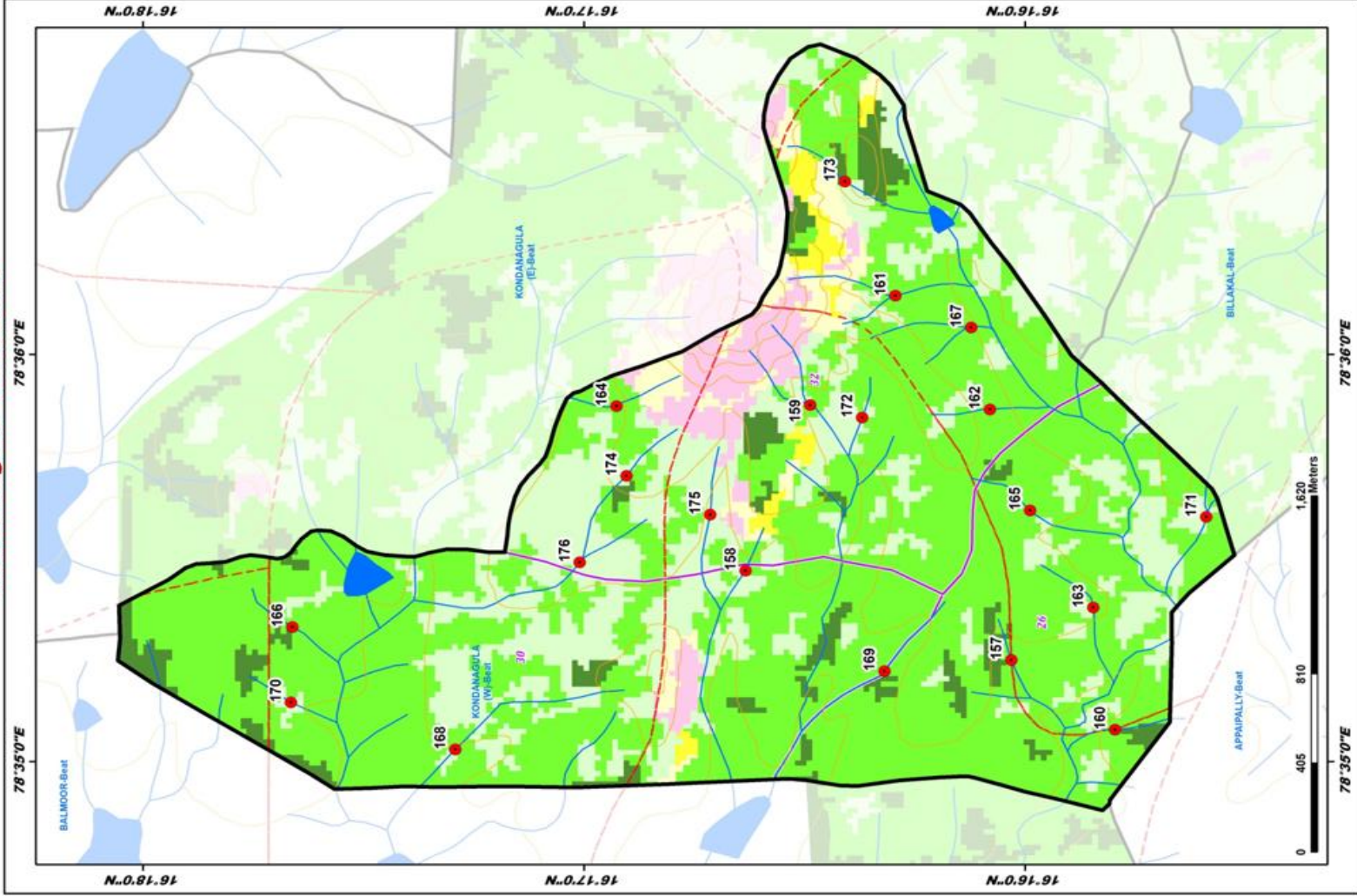
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Kondanagula West Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
157	16.267180	78.587504	6.67	II
158	16.277232	78.591161	9.78	II
159	16.279281	78.597938	19.19	II
160	16.263261	78.584651	7.85	II
161	16.271559	78.602422	14.84	II
162	16.267994	78.597765	6.82	II
163	16.264080	78.589647	11.31	II
164	16.282106	78.597901	8.32	II
165	16.266472	78.593620	13.15	II
166	16.294361	78.588833	8.43	II
167	16.268694	78.601122	13.26	II
168	16.282002	78.583833	27.04	III
169	16.271975	78.587048	27.36	III
170	16.294419	78.585762	12.97	IV
171	16.259806	78.593361	22.97	IV
172	16.272815	78.597434	8.51	IV
173	16.274776	78.607094	11.74	IV
174	16.281724	78.595042	6.79	IV
175	16.276560	78.593459	14.81	IV
176	16.283499	78.591498	27.35	V

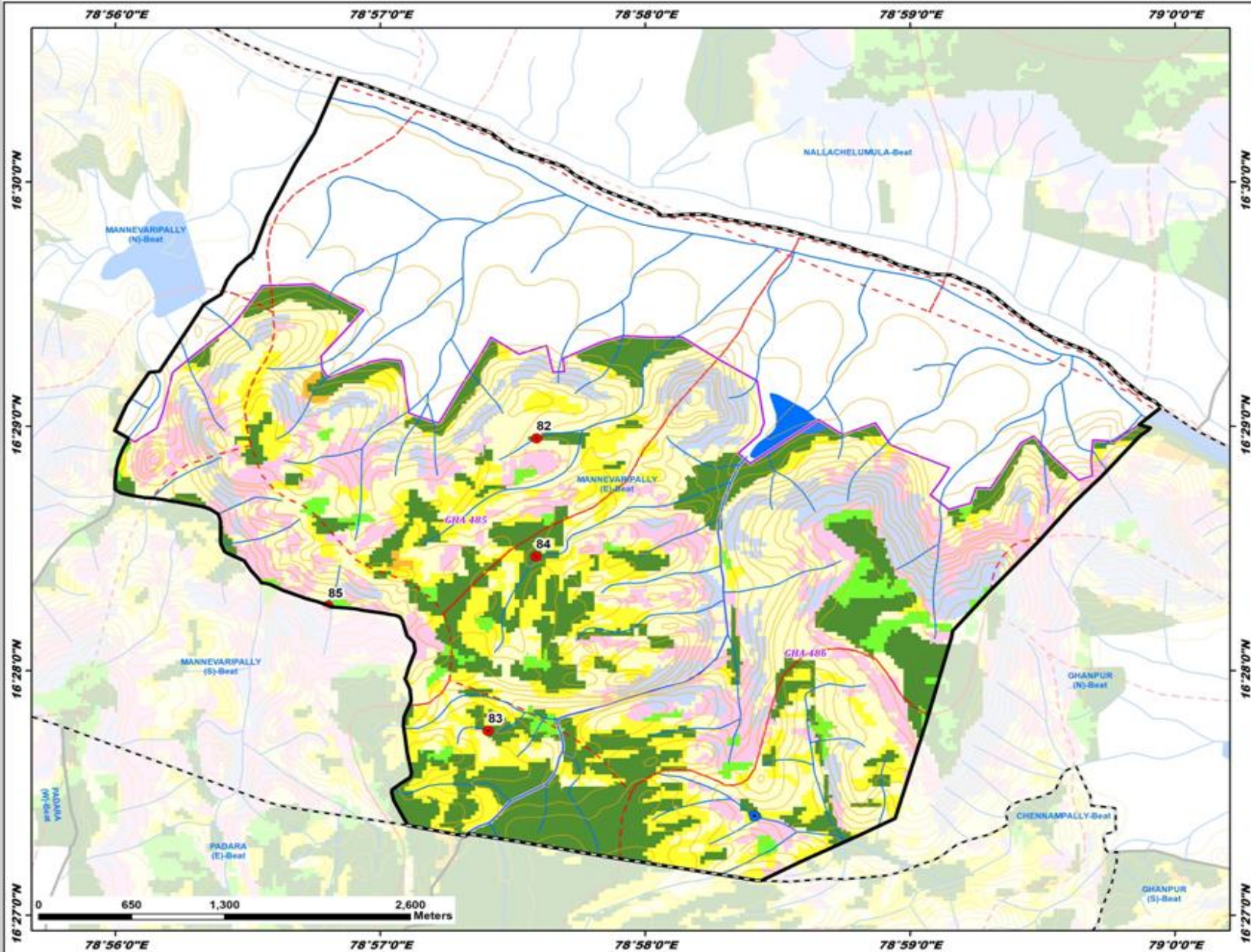
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Mannevaripally East Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
82	16.482518	78.959833	19.79	I
83	16.462567	78.956791	6.72	I
84	16.474459	78.959805	7.99	I
85	16.471105	78.946730	83.98	IV

LEGEND

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

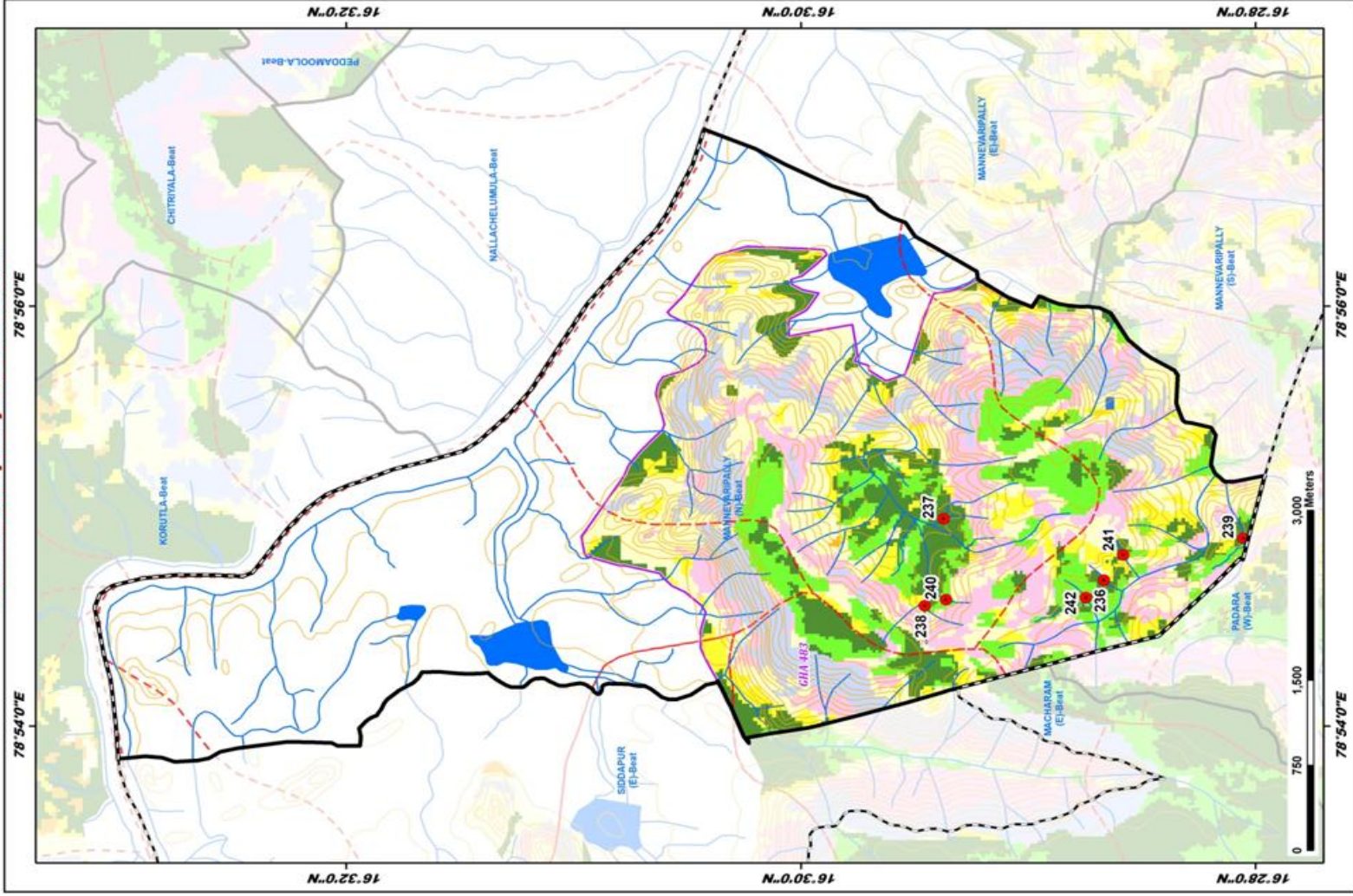
Suitability Index

- 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 Mannevaripally North Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
236	16.477768	78.911614	5.88	I
237	16.489517	78.914483	21.12	I
238	16.490908	78.909574	28.39	II
239	16.467547	78.914917	48.79	II
240	16.489349	78.910060	12.20	II
241	16.476569	78.913626	11.67	II
242	16.479096	78.910229	25.24	III

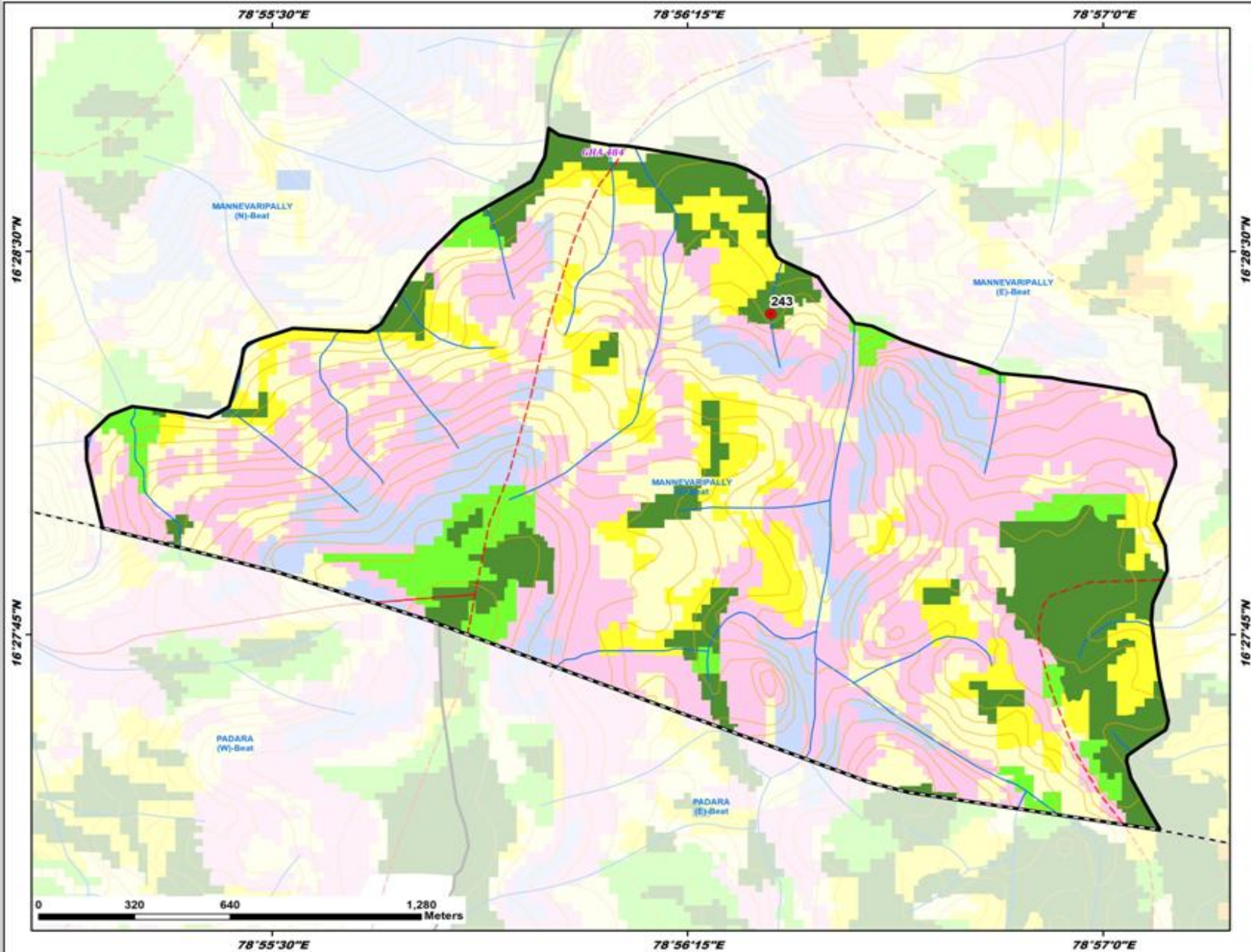
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Mannevaripally South Beat

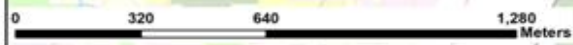


Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
243	16.472962	78.940009	8.20	I

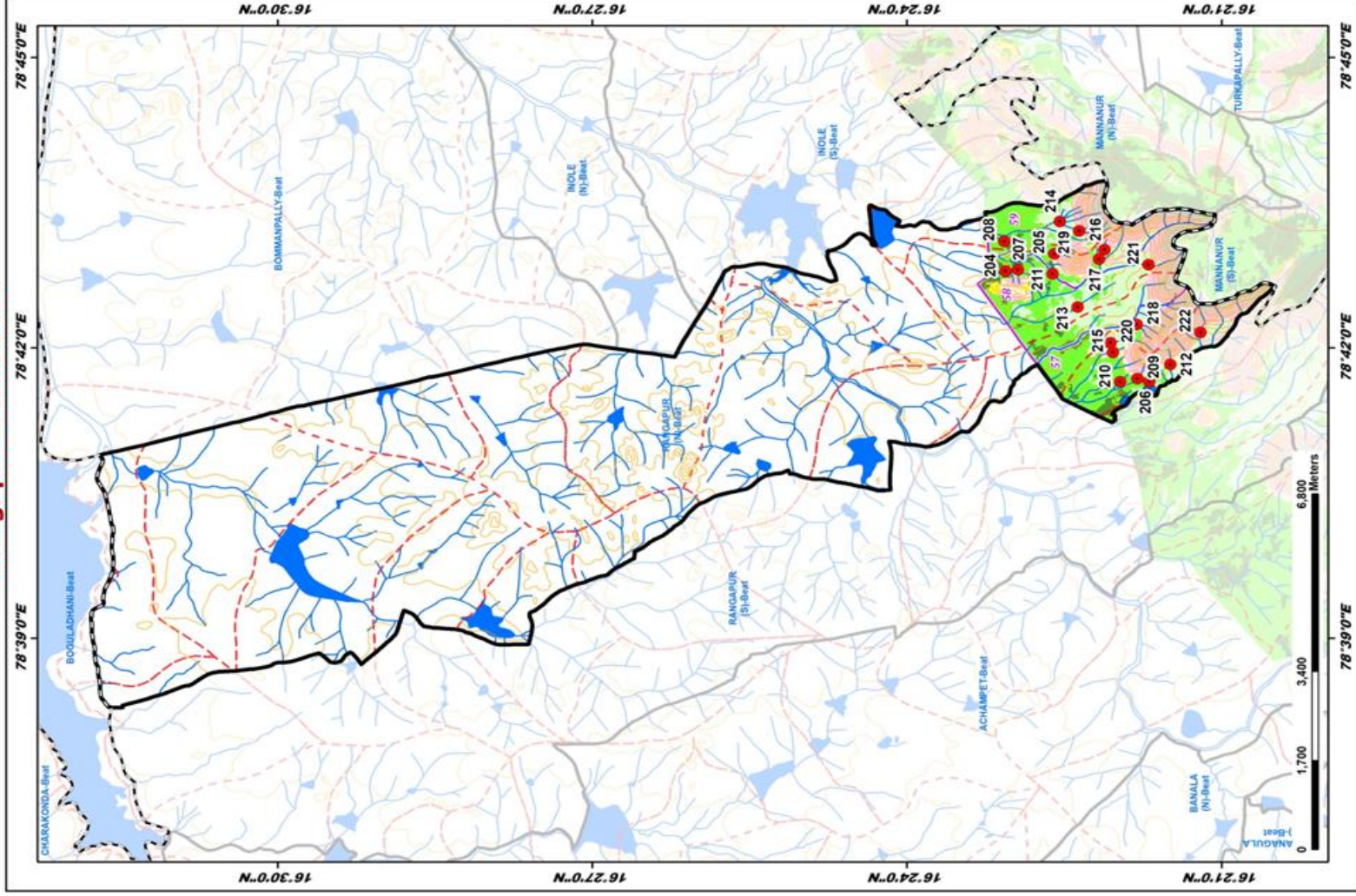
- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs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



Map Showing Suitability Index for Construction of SMC Works of Rangapur North Beat



Division : Achampet
Range : Achampet



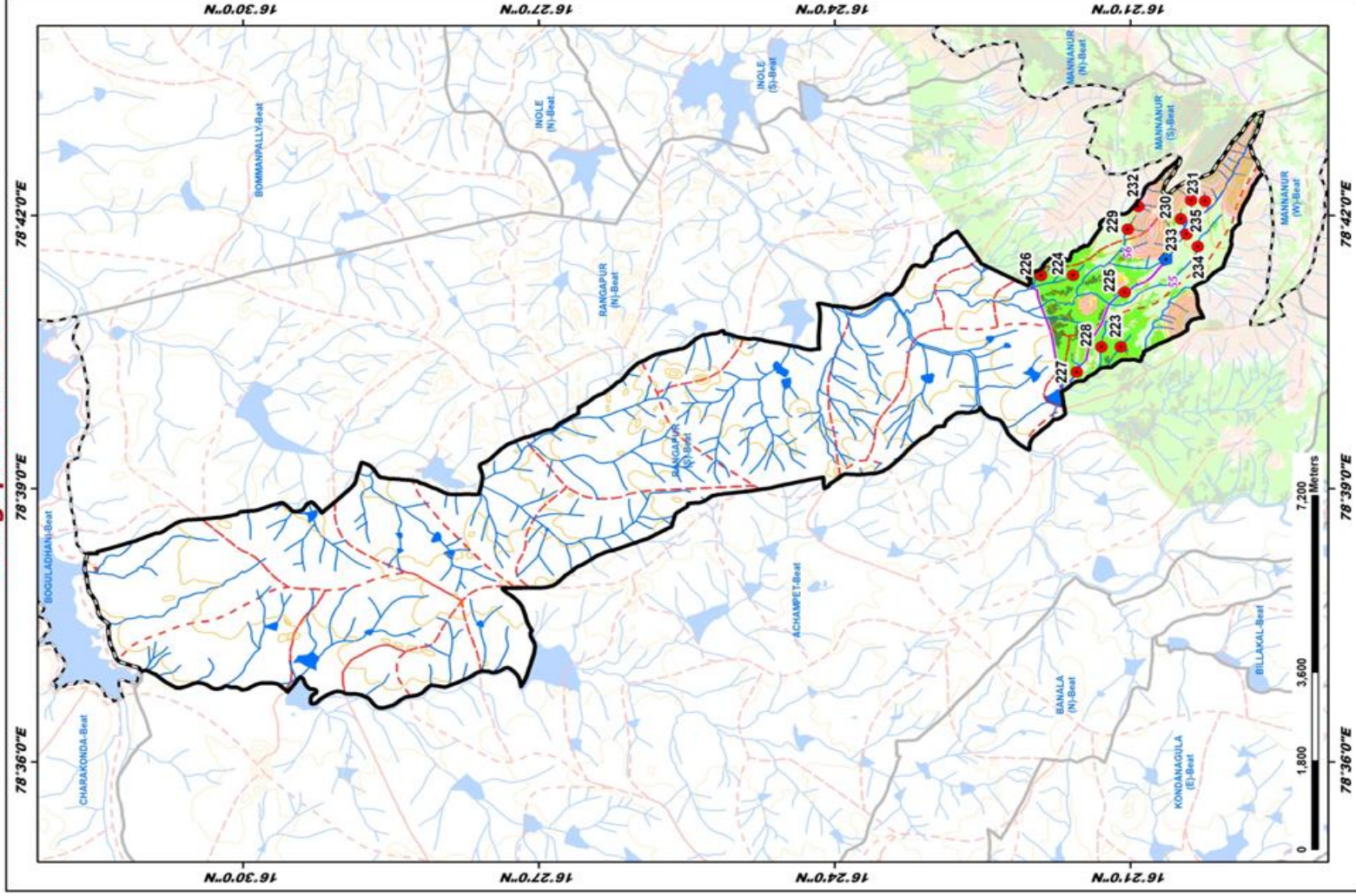
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Rangapur South Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
223	16.351642	78.676209	21.87	II
224	16.359719	78.685121	18.47	II
225	16.350991	78.685990	12.32	II
226	16.365139	78.689065	6.42	II
227	16.359089	78.671436	45.66	III
228	16.354928	78.676009	45.17	III
229	16.350451	78.697530	17.31	IV
230	16.341501	78.699440	14.62	IV
231	16.337405	78.702697	5.41	IV
232	16.346887	78.707738	10.85	IV
233	16.348509	78.686609	7.94	IV
234	16.338626	78.694370	36.60	V
235	16.339743	78.702859	29.75	V

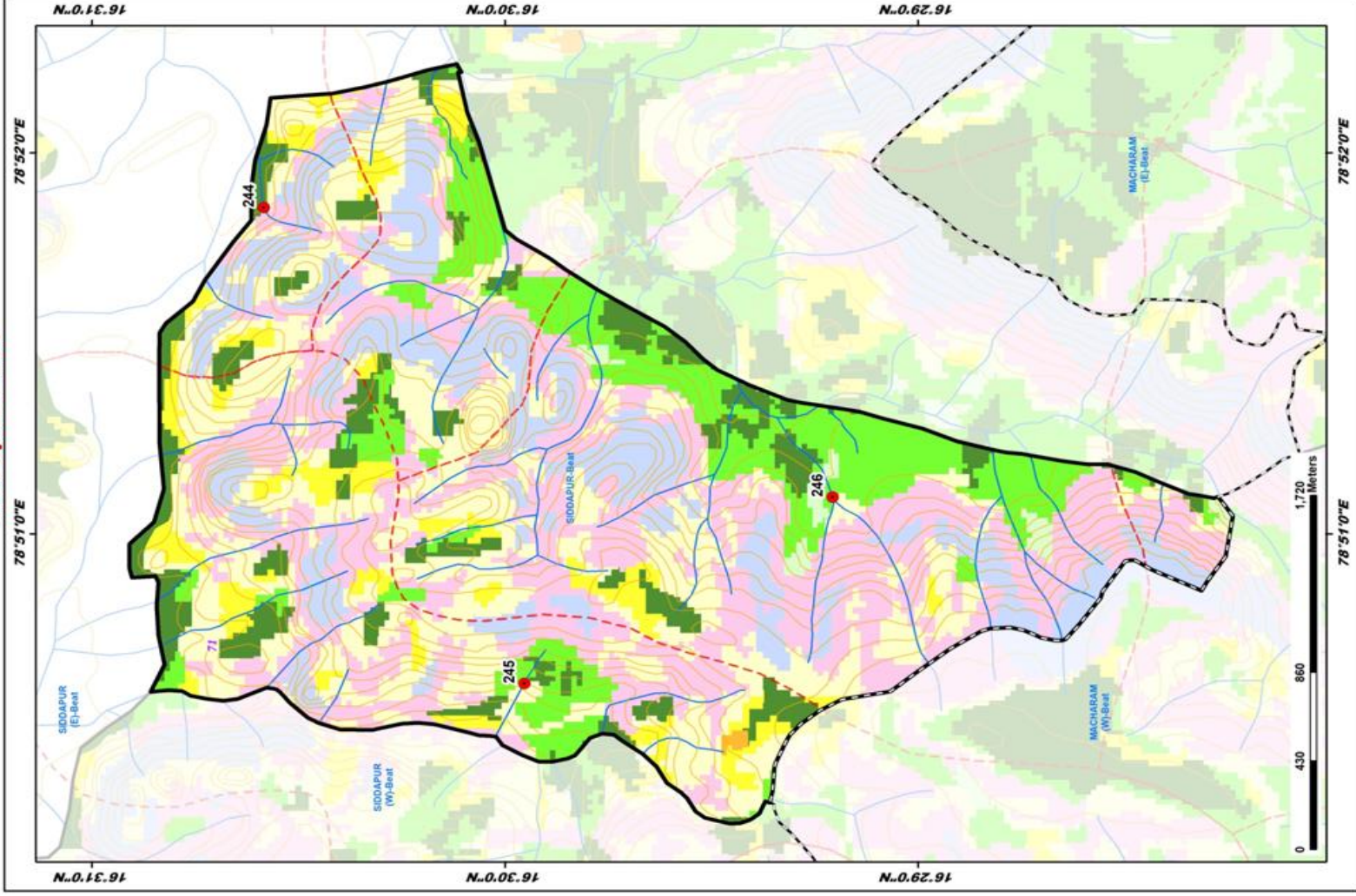
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Siddapur Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment		PRIORITY
			Area	Hr	
244	16.509730	78.864237	8.47		I
245	16.499236	78.843486	24.85		II
246	16.486780	78.853641	79.89		IV

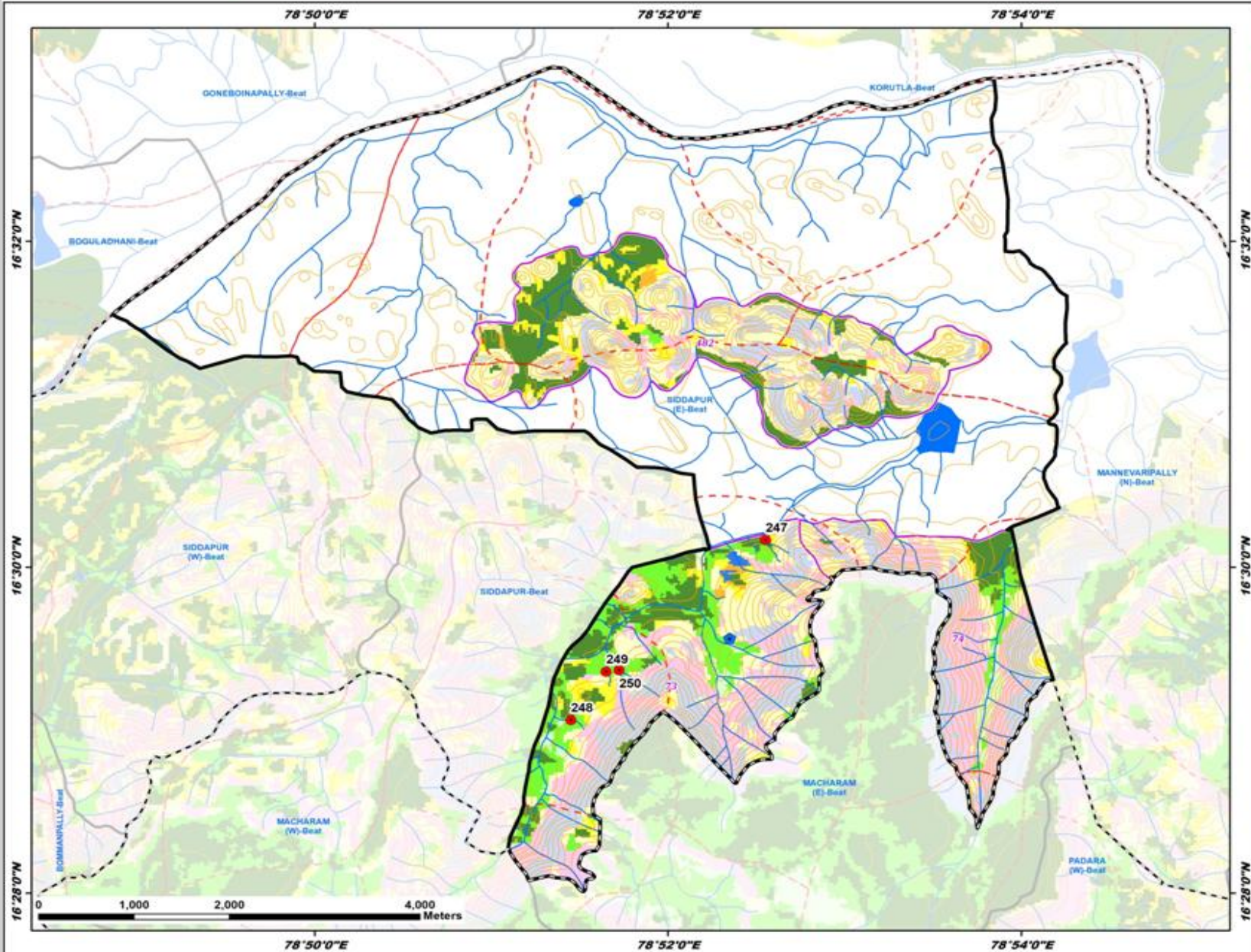
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Siddapur East Beat



Division : Achampet
Range : Achampet



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
247	16.502787	78.875886	18.66	I
248	16.484363	78.857507	21.14	II
249	16.489316	78.860825	12.44	II
250	16.489481	78.862066	32.55	III

LEGEND

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

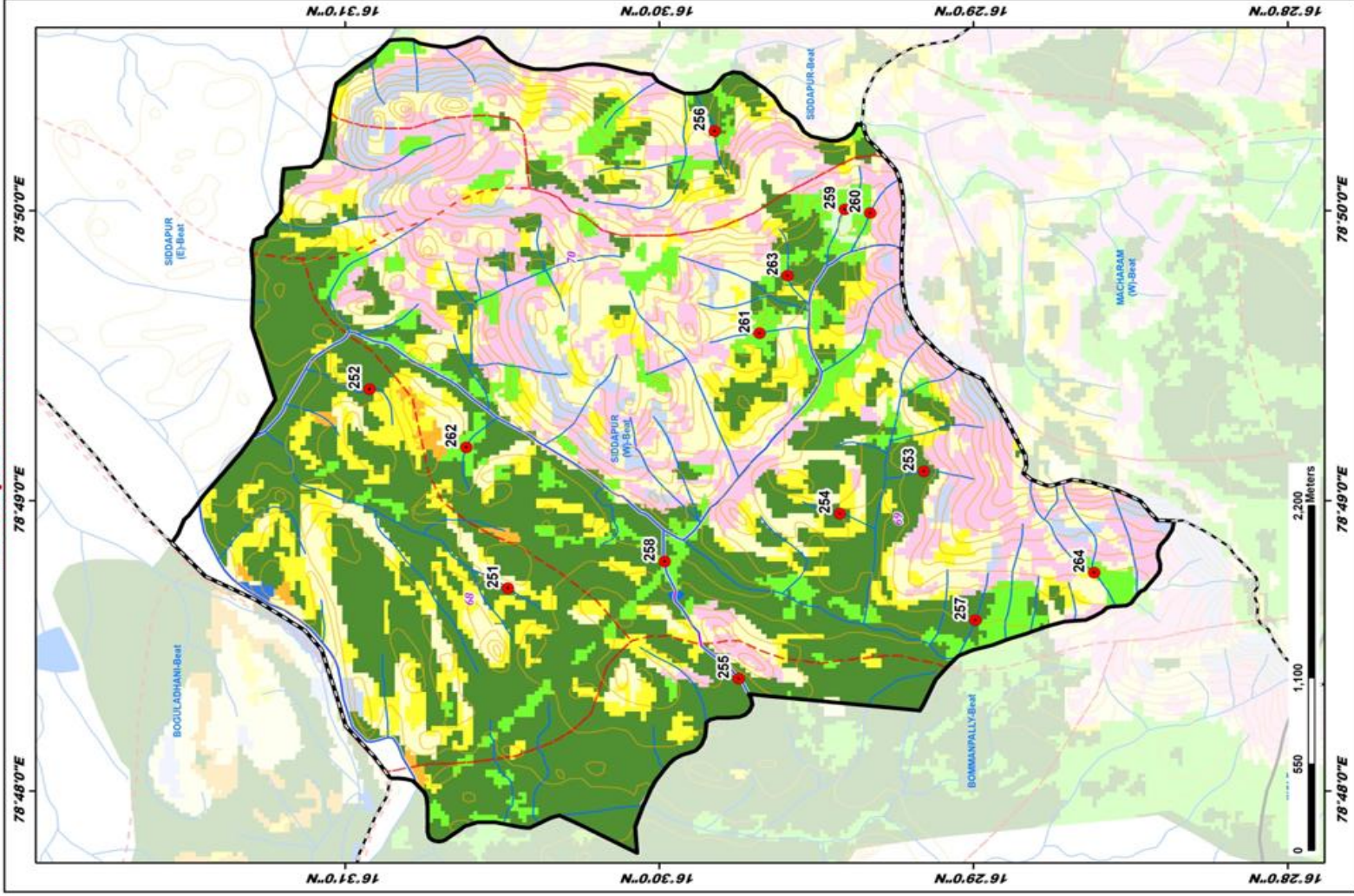
Suitability Index

- 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 Siddapur West Beat



Division : Achampet
Range : Achampet

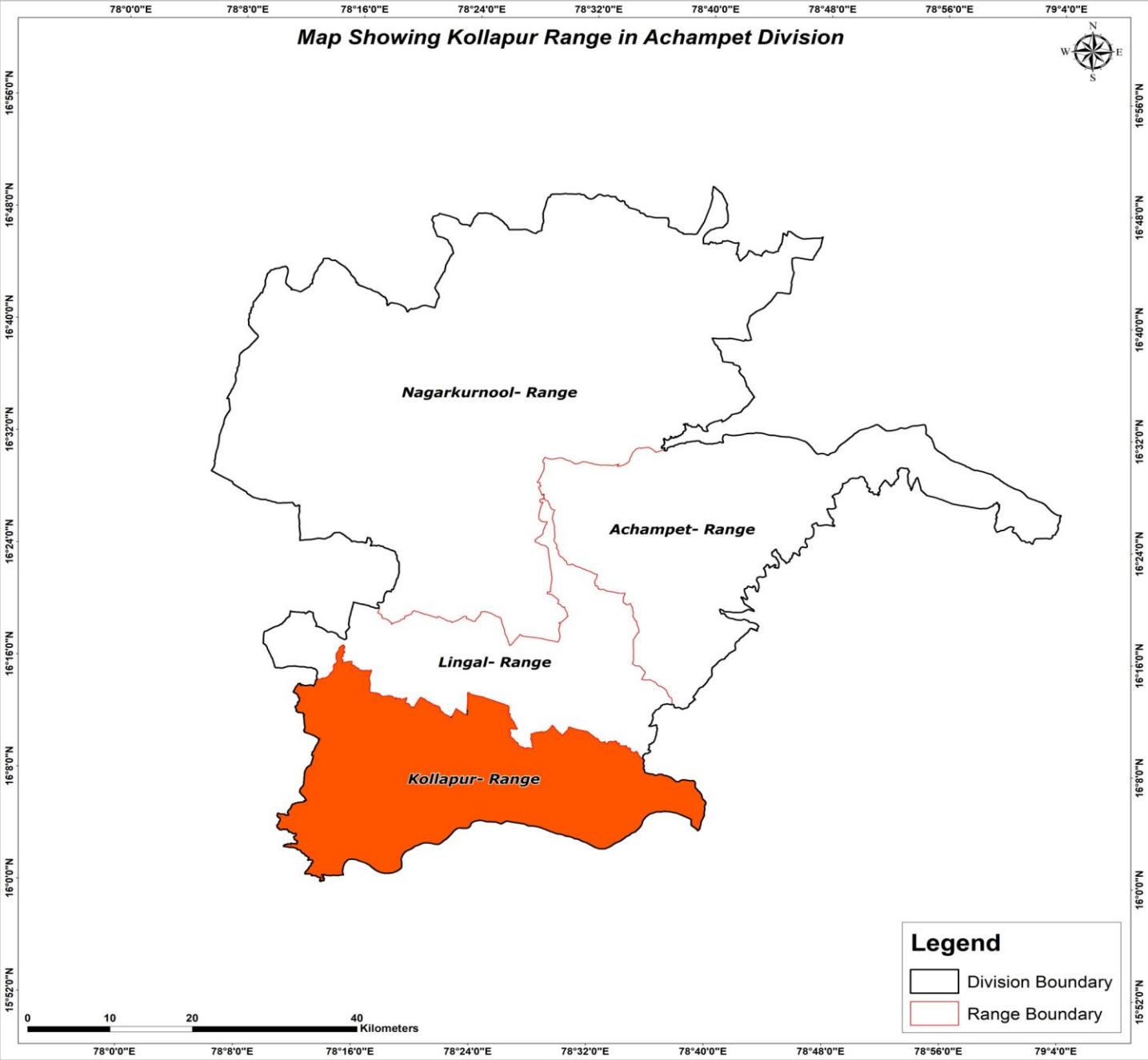


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
251	16.508033	78.811667	18.46	I
252	16.515375	78.823094	12.44	I
253	16.489564	78.818377	17.08	I
254	16.490430	78.815956	6.07	I
255	16.495781	78.806466	7.90	I
256	16.497054	78.837922	22.57	I
257	16.483224	78.809825	6.24	I
258	16.499717	78.813191	15.77	I
259	16.490143	78.833426	10.59	II
260	16.488801	78.832317	7.22	II
261	16.494683	78.826317	7.00	II
262	16.510240	78.819755	14.29	II
263	16.493185	78.829622	7.12	II
264	16.476924	78.812560	40.19	III

LEGEND

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

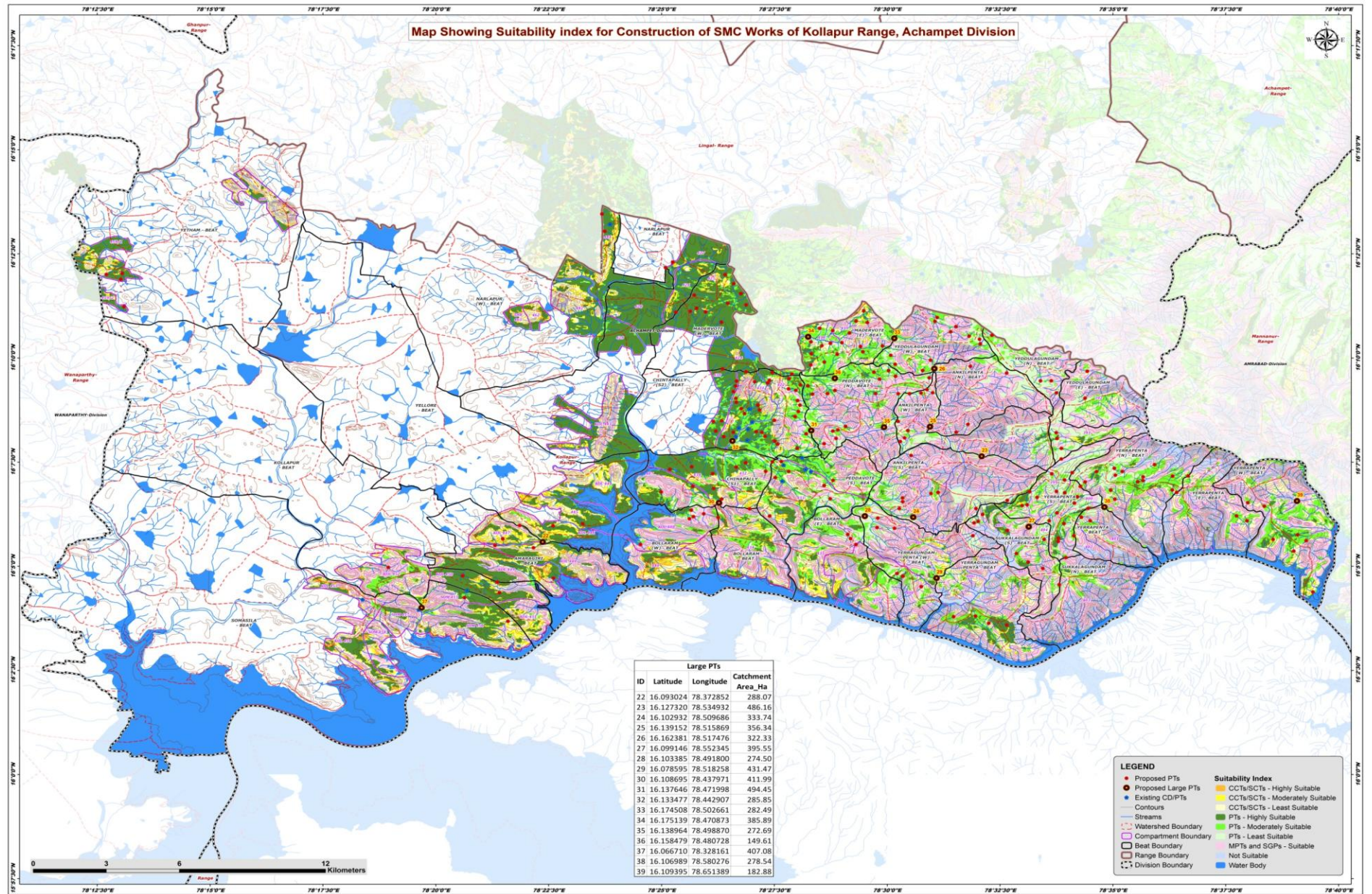
Map Showing Kollapur Range in Achampet Division



Legend

-  Division Boundary
-  Range Boundary

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



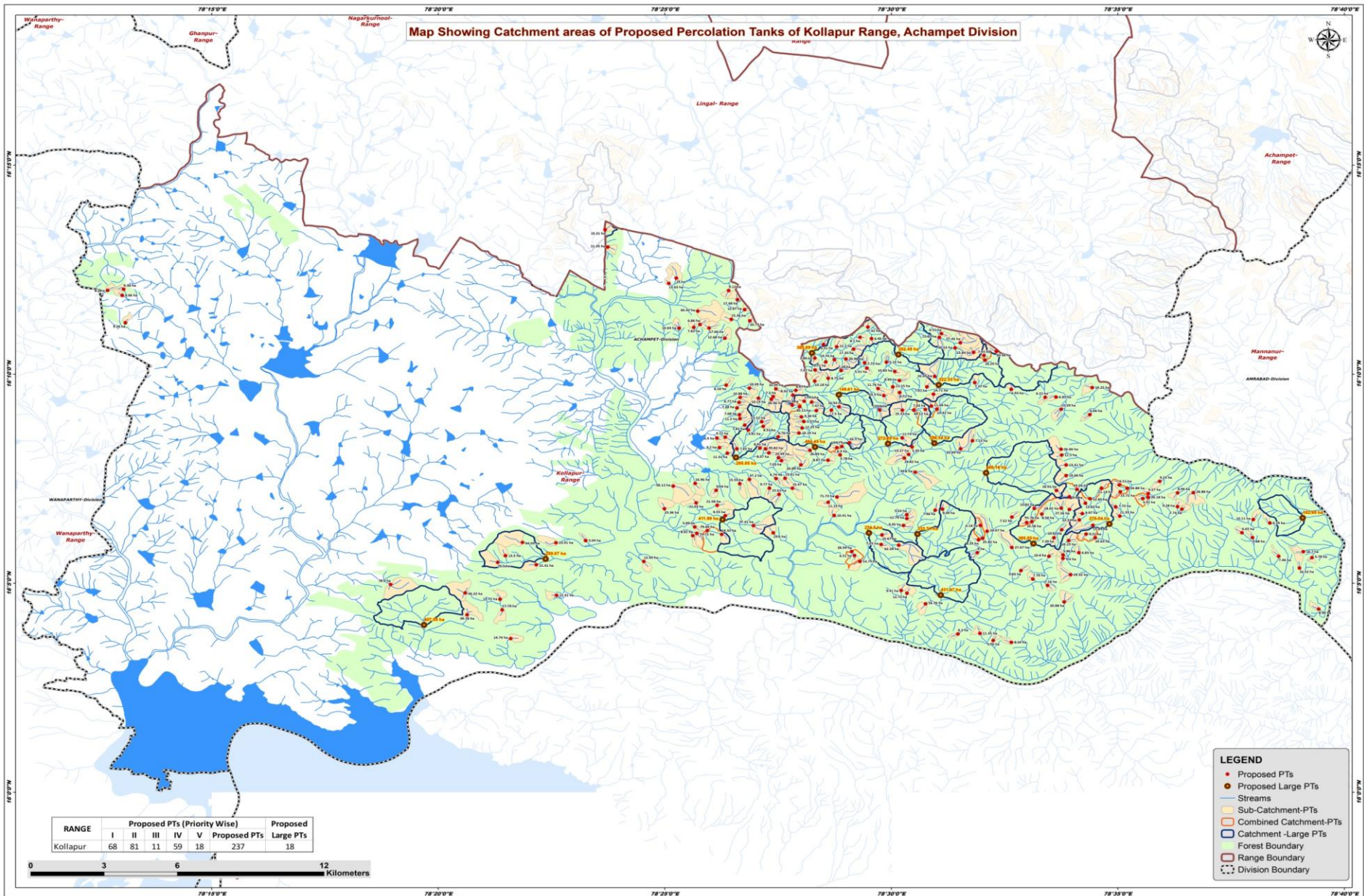
LEGEND

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

Suitability Index

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

Map Showing Catchment areas of Proposed Percolation Tanks of Kollapur Range, Achampet 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	
Kollapur	68	81	11	59	18	237
						18



Beat wise Abstract of Proposed PT's – Kollapur Range

S. No.	Beat	Proposed PT's
1	AMARAGIRI	4
2	ANKILPENTA (N)	4
3	ANKILPENTA (S)	8
4	ANKILPENTA (W)	7
5	BOLLARAM	1
6	BOLLARAM (E)	3
7	BOLLARAM (W)	5
8	CHINAPALLY S-I	11
9	CHINTAPALLY S-II	35
10	KOLLAPUR	4
11	MADERVOTE (E)	17
12	MADERVOTE (W)	12
13	NARLAPUR	3
14	NARLAPUR (W)	2
15	PEDDAVOTE (N)	17
16	PEDDAVOTE (S)	8
17	SOMASILA	2
18	SUKKALAGUNDAM (N)	1
19	SUKKALAGUNDAM (S)	8
20	YEDDULAGUNDAM (E)	2
21	YEDDULAGUNDAM (N)	7
22	YEDDULAGUNDAM (W)	11
23	YELLORE	3
24	YERRAGUNDAM PENTA	4
25	YERRAGUNDAM PENTA (W)	7
26	YERRAPENTA	3
27	YERRAPENTA (E)	3
28	YERRAPENTA (N)	15
29	YERRAPENTA (S)	19
30	YERRAPENTA (W)	7
31	YETHAM	4
	Total	237

List of Proposed PTs – Kollapur 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
265	16.094289	78.358123	13.50	I	AMARAGIRI	305	16.152701	78.562559	15.29	IV	YEDDULAGUNDAM (N)	345	16.092034	78.408994	12.95	II	BOLLARAM (W)
266	16.090710	78.369452	21.41	I	AMARAGIRI	306	16.157534	78.560648	6.85	IV	YEDDULAGUNDAM (N)	346	16.102305	78.427026	8.02	IV	BOLLARAM (W)
267	16.078522	78.376877	12.31	I	AMARAGIRI	307	16.136746	78.562477	26.66	V	YEDDULAGUNDAM (N)	347	16.104309	78.432334	79.64	V	BOLLARAM (W)
268	16.091672	78.355267	35.50	II	AMARAGIRI	308	16.167745	78.501349	10.83	II	YEDDULAGUNDAM (W)	348	16.113031	78.416568	23.36	I	CHINAPALLY S-I
269	16.072714	78.356889	17.79	I	KOLLAPUR	309	16.181328	78.517721	15.82	II	YEDDULAGUNDAM (W)	349	16.120381	78.435627	9.04	I	CHINAPALLY S-I
270	16.076959	78.356085	13.72	I	KOLLAPUR	310	16.182837	78.518494	6.51	II	YEDDULAGUNDAM (W)	350	16.114433	78.435984	21.58	I	CHINAPALLY S-I
271	16.079471	78.343310	56.22	III	KOLLAPUR	311	16.161612	78.513161	7.97	II	YEDDULAGUNDAM (W)	351	16.110239	78.438985	8.55	I	CHINAPALLY S-I
272	16.082820	78.315830	78.90	V	KOLLAPUR	312	16.164146	78.503002	8.49	II	YEDDULAGUNDAM (W)	352	16.123132	78.427881	16.96	I	CHINAPALLY S-I
273	16.099466	78.376681	23.91	I	YELLORE	313	16.175380	78.530310	15.64	II	YEDDULAGUNDAM (W)	353	16.115356	78.428277	21.03	I	CHINAPALLY S-I
274	16.100347	78.387621	5.04	I	YELLORE	314	16.165791	78.516056	42.05	III	YEDDULAGUNDAM (W)	354	16.123001	78.444294	15.55	I	CHINAPALLY S-I
275	16.099608	78.364368	64.03	III	YELLORE	315	16.174116	78.534158	7.93	IV	YEDDULAGUNDAM (W)	355	16.121262	78.455204	9.77	II	CHINAPALLY S-I
276	16.200071	78.211727	8.20	I	YETHAM	316	16.172284	78.534464	18.29	IV	YEDDULAGUNDAM (W)	356	16.124716	78.447827	37.20	II	CHINAPALLY S-I
277	16.200524	78.217613	6.38	I	YETHAM	317	16.177153	78.523510	30.13	V	YEDDULAGUNDAM (W)	357	16.122065	78.419817	58.12	III	CHINAPALLY S-I
278	16.198101	78.217109	8.66	I	YETHAM	318	16.179211	78.525448	27.45	V	YEDDULAGUNDAM (W)	358	16.106281	78.449325	37.41	III	CHINAPALLY S-I
279	16.187181	78.218251	9.26	I	YETHAM	319	16.075876	78.563649	20.88	II	SUKKALAGUNDAM (N)	359	16.147720	78.452355	13.52	I	CHINTAPALLY S-II
280	16.163293	78.530773	7.27	IV	ANKILPENTA (N)	320	16.088408	78.547760	5.83	II	SUKKALAGUNDAM (S)	360	16.145859	78.452941	8.53	I	CHINTAPALLY S-II
281	16.140125	78.529900	7.15	IV	ANKILPENTA (N)	321	16.104055	78.535315	24.67	II	SUKKALAGUNDAM (S)	361	16.132205	78.459629	7.03	I	CHINTAPALLY S-II
282	16.160612	78.544184	6.93	IV	ANKILPENTA (N)	322	16.097599	78.544399	27.67	III	SUKKALAGUNDAM (S)	362	16.135154	78.439735	11.31	I	CHINTAPALLY S-II
283	16.136938	78.525558	35.49	V	ANKILPENTA (N)	323	16.082459	78.557533	7.16	IV	SUKKALAGUNDAM (S)	363	16.130506	78.466808	20.89	I	CHINTAPALLY S-II
284	16.112454	78.516219	7.46	II	ANKILPENTA (S)	324	16.094066	78.558038	10.60	IV	SUKKALAGUNDAM (S)	364	16.146336	78.446139	7.81	I	CHINTAPALLY S-II
285	16.112857	78.518867	8.49	II	ANKILPENTA (S)	325	16.100642	78.532139	8.25	IV	SUKKALAGUNDAM (S)	365	16.160843	78.457619	10.95	I	CHINTAPALLY S-II
286	16.106371	78.504550	9.45	IV	ANKILPENTA (S)	326	16.084995	78.552143	7.78	IV	SUKKALAGUNDAM (S)	366	16.157409	78.444464	10.88	I	CHINTAPALLY S-II
287	16.109678	78.544416	7.52	IV	ANKILPENTA (S)	327	16.101274	78.533666	25.82	V	SUKKALAGUNDAM (S)	367	16.157748	78.456598	7.30	I	CHINTAPALLY S-II
288	16.109146	78.505772	11.79	IV	ANKILPENTA (S)	328	16.059785	78.544245	8.34	I	YERRAGUNDAM PENTA	368	16.136916	78.443259	7.65	I	CHINTAPALLY S-II
289	16.106399	78.532853	6.18	IV	ANKILPENTA (S)	329	16.063344	78.532660	11.35	I	YERRAGUNDAM PENTA	369	16.158361	78.463828	8.92	I	CHINTAPALLY S-II
290	16.110648	78.505723	5.24	IV	ANKILPENTA (S)	330	16.060513	78.537561	5.56	II	YERRAGUNDAM PENTA	370	16.141566	78.438967	9.72	I	CHINTAPALLY S-II
291	16.127622	78.508854	39.60	V	ANKILPENTA (S)	331	16.063126	78.524575	6.20	II	YERRAGUNDAM PENTA	371	16.137400	78.436813	9.20	I	CHINTAPALLY S-II
292	16.152618	78.512556	7.65	II	ANKILPENTA (W)	332	16.080428	78.503704	9.41	I	YERRAGUNDAM PENTA (W)	372	16.153200	78.443303	7.38	I	CHINTAPALLY S-II
293	16.133223	78.504868	24.82	IV	ANKILPENTA (W)	333	16.079345	78.505823	12.72	I	YERRAGUNDAM PENTA (W)	373	16.155913	78.467991	17.72	I	CHINTAPALLY S-II
294	16.141267	78.504097	11.74	IV	ANKILPENTA (W)	334	16.098803	78.496329	7.25	IV	YERRAGUNDAM PENTA (W)	374	16.155445	78.444059	6.77	I	CHINTAPALLY S-II
295	16.137634	78.507684	5.35	IV	ANKILPENTA (W)	335	16.075109	78.512630	16.76	IV	YERRAGUNDAM PENTA (W)	375	16.148947	78.444351	11.50	I	CHINTAPALLY S-II
296	16.153965	78.514748	11.04	IV	ANKILPENTA (W)	336	16.102592	78.496600	10.67	IV	YERRAGUNDAM PENTA (W)	376	16.135297	78.454997	8.37	II	CHINTAPALLY S-II
297	16.152732	78.516860	23.42	IV	ANKILPENTA (W)	337	16.095554	78.531699	9.00	IV	YERRAGUNDAM PENTA (W)	377	16.150513	78.444175	7.68	II	CHINTAPALLY S-II
298	16.134688	78.506467	13.27	IV	ANKILPENTA (W)	338	16.098502	78.502772	62.28	V	YERRAGUNDAM PENTA (W)	378	16.157115	78.451157	10.19	II	CHINTAPALLY S-II
299	16.161317	78.573959	14.25	II	YEDDULAGUNDAM (E)	339	16.102820	78.437649	14.32	II	BOLLARAM	379	16.144383	78.447404	5.81	II	CHINTAPALLY S-II
300	16.150560	78.573099	6.66	IV	YEDDULAGUNDAM (E)	340	16.094374	78.486510	6.51	IV	BOLLARAM (E)	380	16.141706	78.458414	6.76	II	CHINTAPALLY S-II
301	16.134430	78.562753	11.50	I	YEDDULAGUNDAM (N)	341	16.092017	78.488520	14.75	IV	BOLLARAM (E)	381	16.141210	78.435880	6.40	II	CHINTAPALLY S-II
302	16.130482	78.564385	13.41	II	YEDDULAGUNDAM (N)	342	16.096004	78.485504	28.59	V	BOLLARAM (E)	382	16.133370	78.458572	29.99	II	CHINTAPALLY S-II
303	16.175737	78.538716	20.36	IV	YEDDULAGUNDAM (N)	343	16.105788	78.427723	5.09	I	BOLLARAM (W)	383	16.137205	78.451725	8.91	II	CHINTAPALLY S-II
304	16.157485	78.556678	6.21	IV	YEDDULAGUNDAM (N)	344	16.103173	78.428504	19.71	II	BOLLARAM (W)	384	16.147782	78.467868	5.37	II	CHINTAPALLY S-II

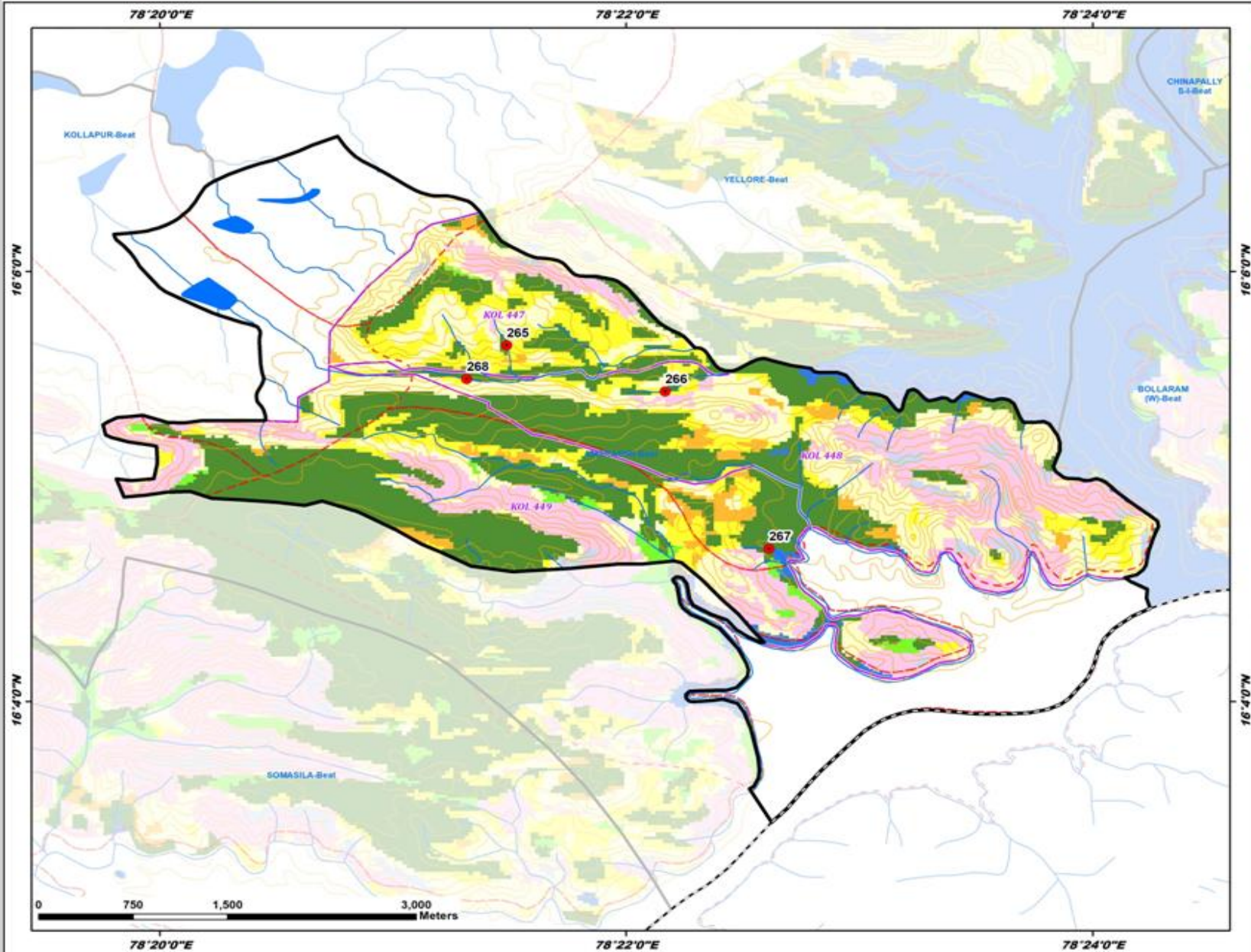
List of Proposed PTs – Kollapur Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	
385	16.154305	78.463618	20.20	II	CHINTAPALLY S-II	425	16.202830	78.418201	13.63	I	NARLAPUR	465	16.117110	78.592592	5.31	II	YERRAPENTA (N)	
386	16.143206	78.466069	18.14	II	CHINTAPALLY S-II	426	16.224250	78.394747	15.31	I	NARLAPUR (W)	466	16.110112	78.584130	11.33	II	YERRAPENTA (N)	
387	16.156677	78.455922	26.46	II	CHINTAPALLY S-II	427	16.217332	78.395767	11.35	I	NARLAPUR (W)	467	16.119439	78.611171	28.88	III	YERRAPENTA (N)	
388	16.161121	78.447859	10.39	II	CHINTAPALLY S-II	428	16.155550	78.470739	7.47	I	PEDDAVOTE (N)	468	16.122486	78.583929	6.51	IV	YERRAPENTA (N)	
389	16.149630	78.466985	9.36	II	CHINTAPALLY S-II	429	16.152167	78.472482	7.21	I	PEDDAVOTE (N)	469	16.117605	78.594505	20.18	IV	YERRAPENTA (N)	
390	16.136878	78.453796	35.82	III	CHINTAPALLY S-II	430	16.153687	78.480789	16.43	II	PEDDAVOTE (N)	470	16.123972	78.598782	9.23	IV	YERRAPENTA (N)	
391	16.145242	78.467275	12.25	IV	CHINTAPALLY S-II	431	16.152362	78.478015	7.50	II	PEDDAVOTE (N)	471	16.119760	78.584303	15.72	IV	YERRAPENTA (N)	
392	16.136312	78.470142	26.89	V	CHINTAPALLY S-II	432	16.161609	78.500606	11.15	II	PEDDAVOTE (N)	472	16.119080	78.594589	5.27	IV	YERRAPENTA (N)	
393	16.153693	78.466344	30.12	V	CHINTAPALLY S-II	433	16.152395	78.495760	15.28	II	PEDDAVOTE (N)	473	16.120744	78.568355	33.04	V	YERRAPENTA (N)	
394	16.181389	78.488556	8.10	I	MADERVOTE (E)	434	16.137415	78.480027	8.90	II	PEDDAVOTE (N)	474	16.121227	78.586885	34.88	V	YERRAPENTA (N)	
395	16.171579	78.475945	9.71	I	MADERVOTE (E)	435	16.159327	78.503144	6.51	II	PEDDAVOTE (N)	475	16.117063	78.573144	52.85	V	YERRAPENTA (N)	
396	16.163909	78.471855	10.18	I	MADERVOTE (E)	436	16.160961	78.495165	11.76	II	PEDDAVOTE (N)	476	16.113145	78.552661	15.82	I	YERRAPENTA (S)	
397	16.176648	78.486142	17.35	II	MADERVOTE (E)	437	16.152328	78.504133	25.53	III	PEDDAVOTE (N)	477	16.093276	78.563208	9.40	I	YERRAPENTA (S)	
398	16.172478	78.479105	14.74	II	MADERVOTE (E)	438	16.134473	78.481217	5.78	IV	PEDDAVOTE (N)	478	16.107557	78.549867	10.58	I	YERRAPENTA (S)	
399	16.171193	78.490212	7.72	II	MADERVOTE (E)	439	16.158712	78.515570	14.71	IV	PEDDAVOTE (N)	479	16.094613	78.563264	5.96	I	YERRAPENTA (S)	
400	16.173107	78.471895	7.99	II	MADERVOTE (E)	440	16.137854	78.481853	17.57	IV	PEDDAVOTE (N)	480	16.086738	78.566009	24.32	II	YERRAPENTA (S)	
401	16.168331	78.472017	7.07	II	MADERVOTE (E)	441	16.132343	78.476760	8.87	IV	PEDDAVOTE (N)	481	16.106461	78.574252	15.89	II	YERRAPENTA (S)	
402	16.185463	78.491419	7.42	II	MADERVOTE (E)	442	16.158166	78.497295	19.30	IV	PEDDAVOTE (N)	482	16.111097	78.570324	9.97	II	YERRAPENTA (S)	
403	16.171463	78.498268	5.16	II	MADERVOTE (E)	443	16.139320	78.484676	16.30	IV	PEDDAVOTE (N)	483	16.110890	78.555430	8.58	II	YERRAPENTA (S)	
404	16.169118	78.491075	5.31	II	MADERVOTE (E)	444	16.152360	78.508343	44.12	V	PEDDAVOTE (N)	484	16.100359	78.565313	16.25	II	YERRAPENTA (S)	
405	16.178544	78.475128	6.31	II	MADERVOTE (E)	445	16.115605	78.476818	11.15	II	PEDDAVOTE (S)	485	16.104654	78.562738	10.42	II	YERRAPENTA (S)	
406	16.165003	78.476849	8.75	II	MADERVOTE (E)	446	16.121224	78.463687	15.47	II	PEDDAVOTE (S)	486	16.112717	78.565590	27.56	III	YERRAPENTA (S)	
407	16.168116	78.481591	7.28	IV	MADERVOTE (E)	447	16.125102	78.457647	6.74	II	PEDDAVOTE (S)	487	16.115235	78.571442	12.83	IV	YERRAPENTA (S)	
408	16.180833	78.492782	6.46	IV	MADERVOTE (E)	448	16.118784	78.458749	15.61	II	PEDDAVOTE (S)	488	16.120331	78.560821	16.01	IV	YERRAPENTA (S)	
409	16.177563	78.479938	12.20	IV	MADERVOTE (E)	449	16.125179	78.460971	13.41	II	PEDDAVOTE (S)	489	16.101478	78.559903	7.39	IV	YERRAPENTA (S)	
410	16.172752	78.483336	20.98	IV	MADERVOTE (E)	450	16.103430	78.456659	19.60	IV	PEDDAVOTE (S)	490	16.126252	78.564357	19.06	IV	YERRAPENTA (S)	
411	16.185062	78.433012	17.66	I	MADERVOTE (W)	451	16.117694	78.480054	71.73	IV	PEDDAVOTE (S)	491	16.113245	78.562570	18.02	IV	YERRAPENTA (S)	
412	16.162312	78.439306	8.18	I	MADERVOTE (W)	452	16.110324	78.479029	10.41	IV	PEDDAVOTE (S)	492	16.117826	78.565568	9.90	IV	YERRAPENTA (S)	
413	16.188523	78.441210	15.36	I	MADERVOTE (W)	453	16.061299	78.360014	14.74	I	SOMASILA	493	16.108575	78.569199	22.53	IV	YERRAPENTA (S)	
414	16.196351	78.443448	17.48	I	MADERVOTE (W)	454	16.070753	78.343994	39.78	II	SOMASILA	494	16.107896	78.551752	55.76	V	YERRAPENTA (S)	
415	16.187934	78.447998	20.79	I	MADERVOTE (W)	455	16.095493	78.569036	6.83	II	YERRAPENTA	495	16.095898	78.651639	10.70	I	YERRAPENTA (W)	
416	16.181023	78.438809	12.68	I	MADERVOTE (W)	456	16.102937	78.571741	9.21	II	YERRAPENTA	496	16.094072	78.642559	7.46	II	YERRAPENTA (W)	
417	16.200007	78.440221	9.12	I	MADERVOTE (W)	457	16.101491	78.575029	33.63	V	YERRAPENTA	497	16.107326	78.639311	9.19	II	YERRAPENTA (W)	
418	16.185336	78.427382	7.82	I	MADERVOTE (W)	458	16.112856	78.606927	7.74	II	YERRAPENTA (E)	498	16.093534	78.654784	5.78	II	YERRAPENTA (W)	
419	16.186505	78.429667	6.86	I	MADERVOTE (W)	459	16.103463	78.629041	6.65	II	YERRAPENTA (E)	499	16.073023	78.657269	8.94	II	YERRAPENTA (W)	
420	16.192419	78.446086	12.87	I	MADERVOTE (W)	460	16.101489	78.632928	5.68	II	YERRAPENTA (E)	500	16.089384	78.650187	16.52	II	YERRAPENTA (W)	
421	16.191807	78.428842	65.42	III	MADERVOTE (W)	461	16.121209	78.577375	11.14	I	YERRAPENTA (N)	501	16.108748	78.633219	10.11	II	YERRAPENTA (W)	
422	16.160228	78.464906	8.87	IV	MADERVOTE (W)	462	16.113848	78.605332	9.28	II	YERRAPENTA (N)							
423	16.184962	78.421995	10.64	I	NARLAPUR	463	16.119359	78.605397	8.96	II	YERRAPENTA (N)							
424	16.204942	78.420928	25.00	I	NARLAPUR	464	16.113778	78.582593	7.73	II	YERRAPENTA (N)							

Map Showing Suitability Index for Construction of SMC Works of Amaragiri Beat



Division : Achampet
Range : Kollapur



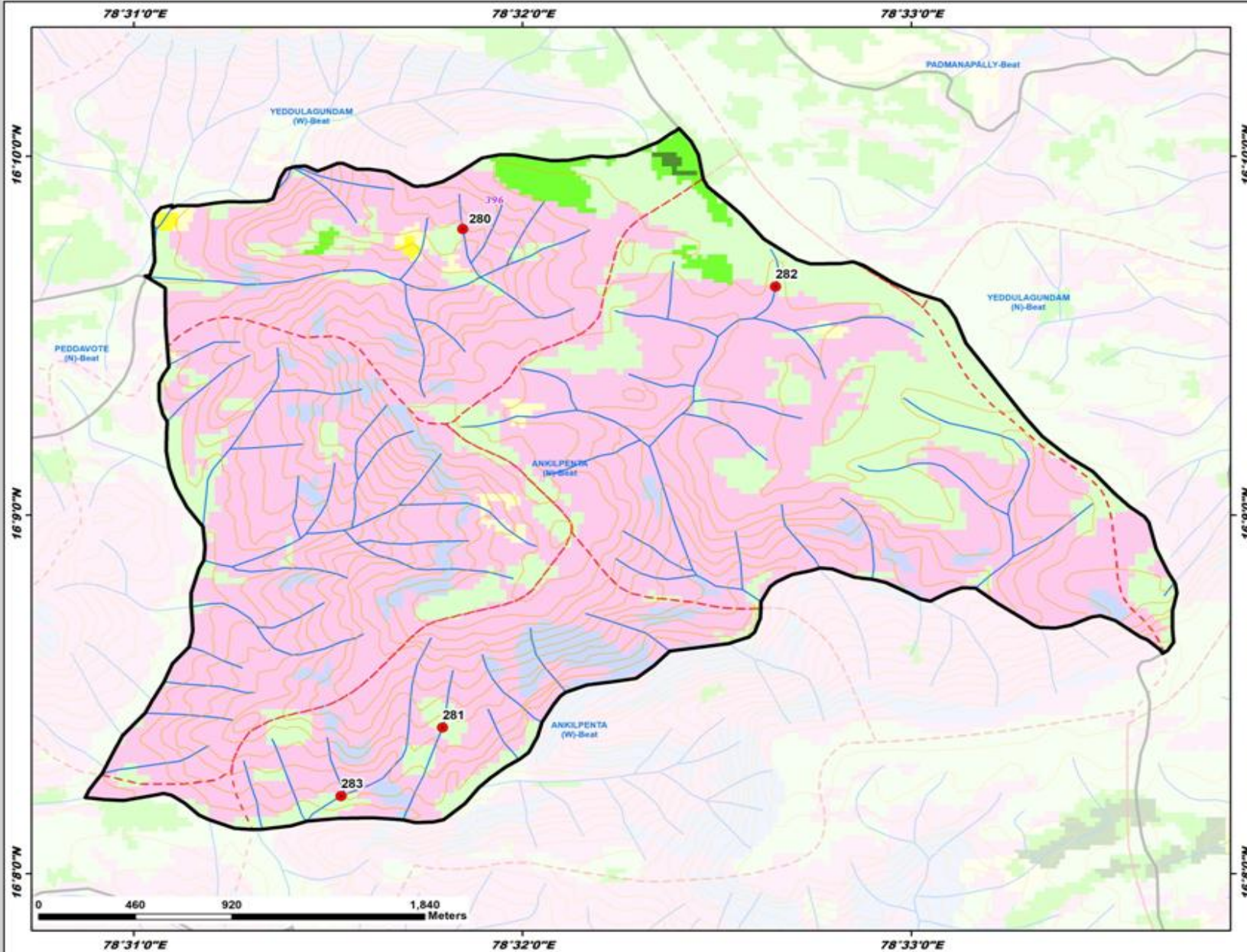
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265	16.094289	78.358123	13.50	I
266	16.090710	78.369452	21.41	I
267	16.078522	78.376877	12.31	I
268	16.091672	78.355267	35.50	II

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

Map Showing Suitability Index for Construction of SMC Works of Ankilpenta North Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
280	16.163293	78.530773	7.27	IV
281	16.140125	78.529900	7.15	IV
282	16.160612	78.544184	6.93	IV
283	16.136936	78.525556	35.49	V

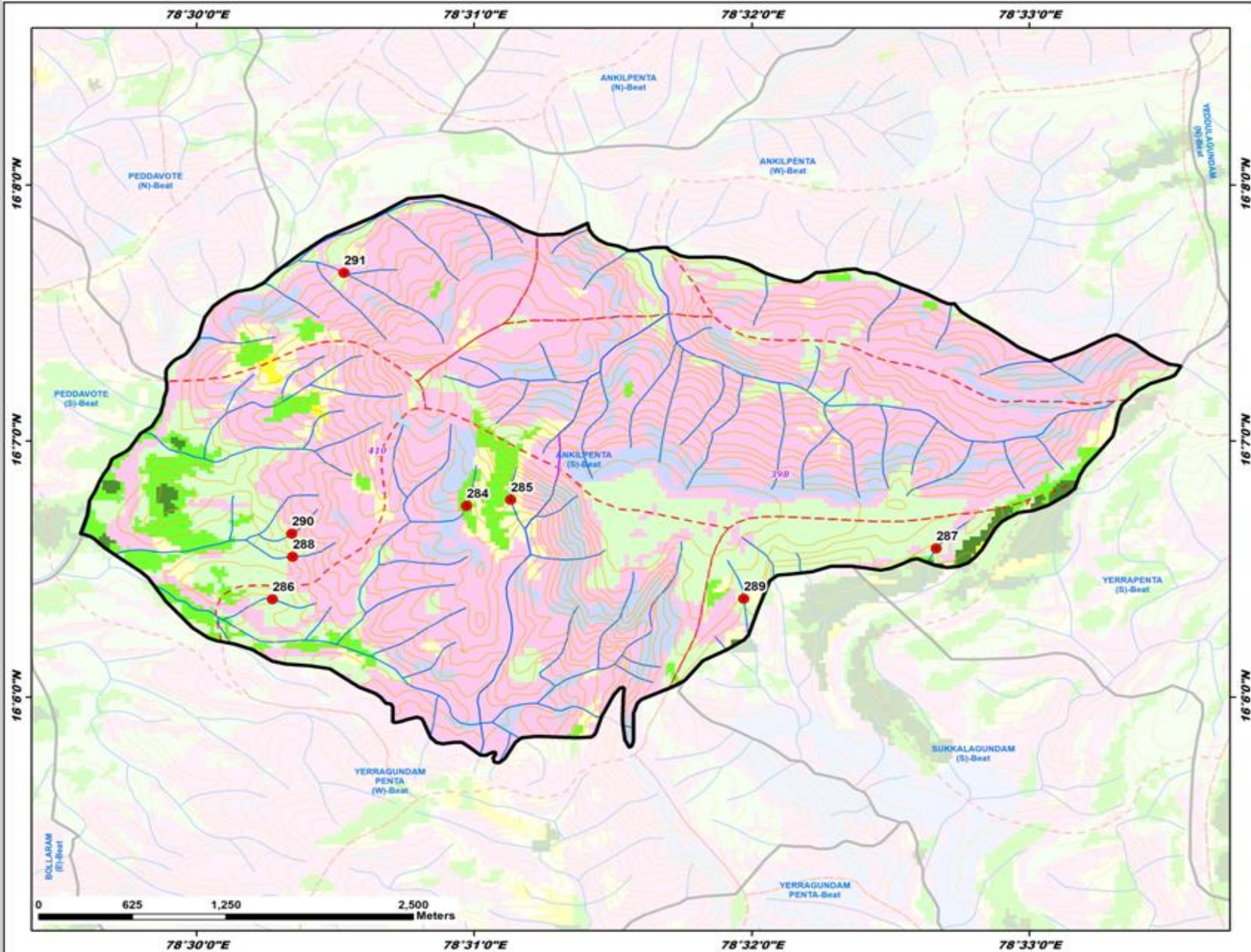
LEGEND

- 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 Ankilpenta South Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
284	16.112454	78.516219	7.46	II
285	16.112857	78.518867	8.49	II
286	16.106371	78.504590	9.45	IV
287	16.109678	78.544416	7.52	IV
288	16.109146	78.505772	11.79	IV
289	16.106399	78.532853	6.18	IV
290	16.110648	78.505723	5.24	IV
291	16.127622	78.508854	39.60	V

LEGEND

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

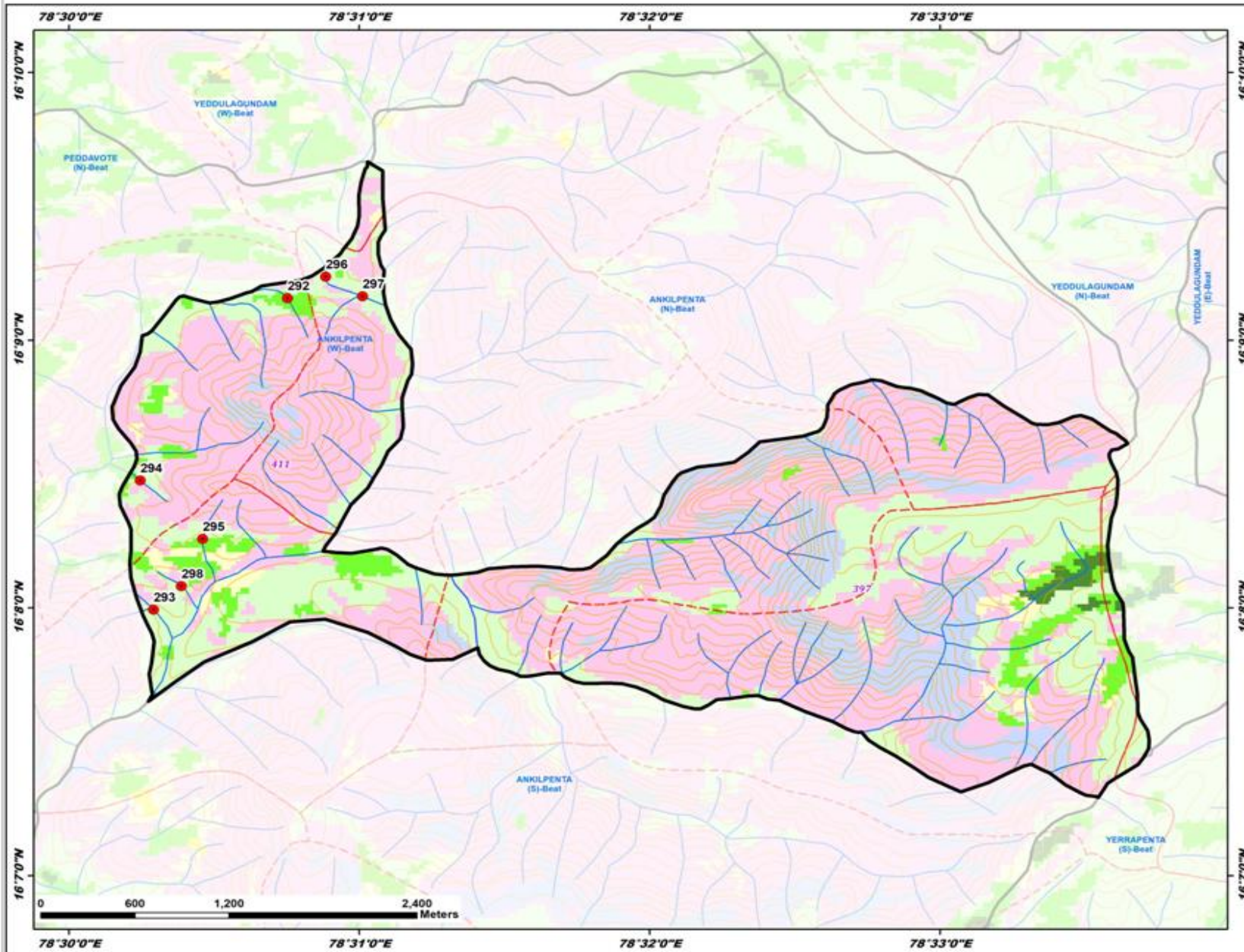
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Ankilpenta West Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
292	16.152618	78.512556	7.65	II
293	16.133223	78.504868	24.82	IV
294	16.141267	78.504097	11.74	IV
295	16.137634	78.507684	5.35	IV
296	16.153965	78.514748	11.04	IV
297	16.152732	78.516860	23.42	IV
298	16.134688	78.506467	13.27	IV

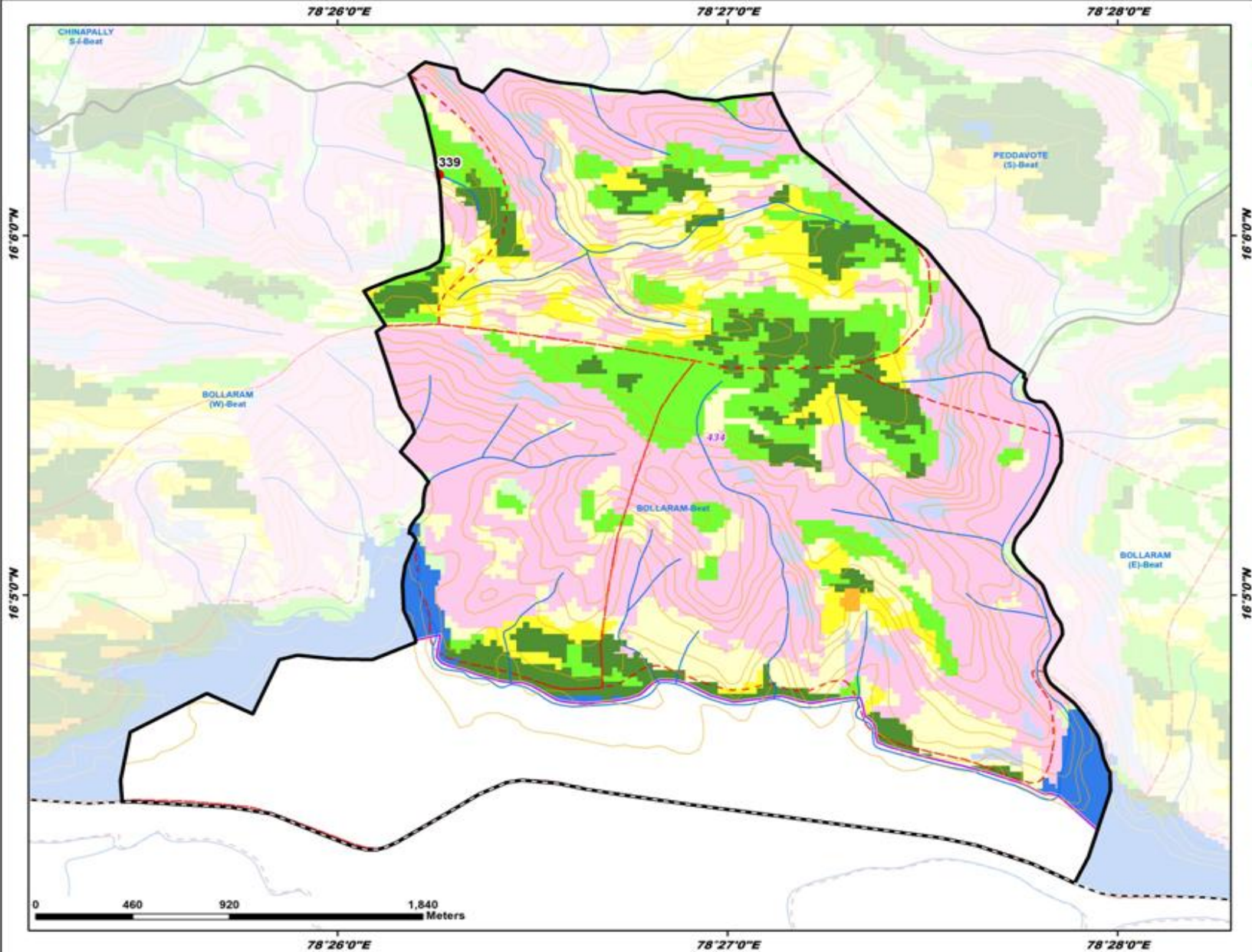
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Bollaram Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
339	16.102820	78.437649	14.32	II

LEGEND

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

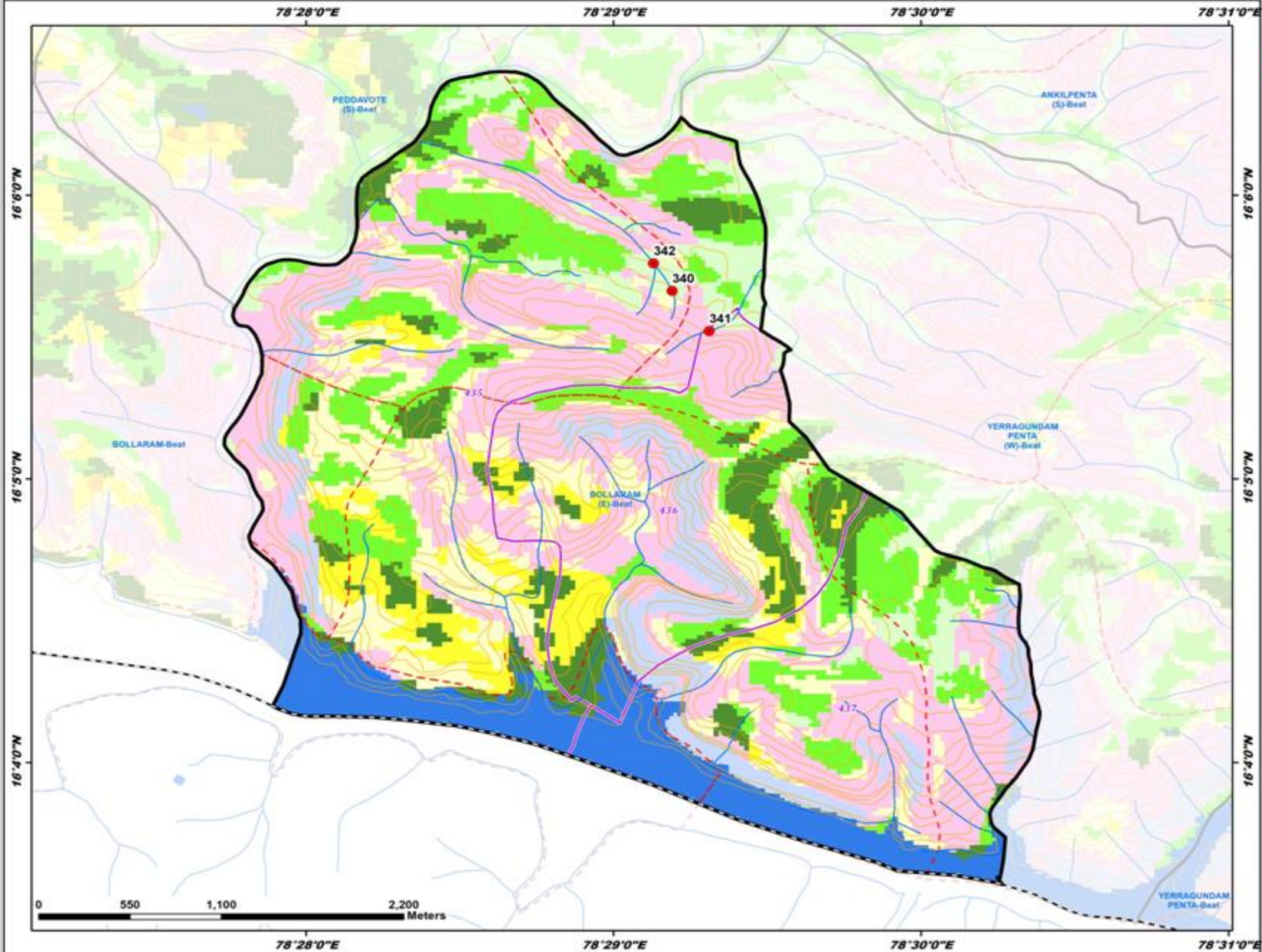
Suitability Index

- 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 Bollaram East Beat

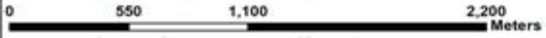


Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
340	16.094374	78.486510	6.51	IV
341	16.092017	78.488520	14.75	IV
342	16.096004	78.485504	28.59	V

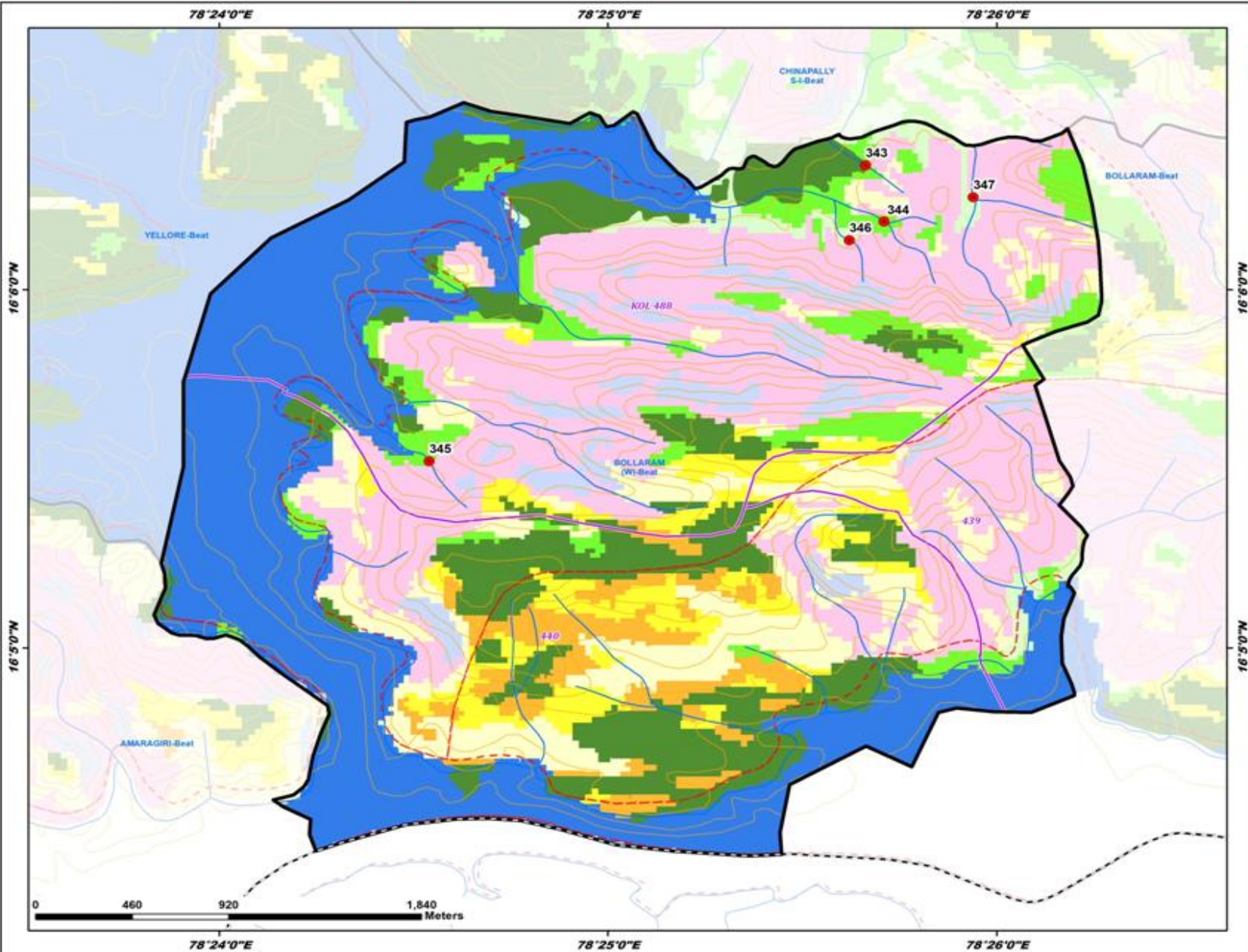
- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs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



Map Showing Suitability Index for Construction of SMC Works of Bollaram West Beat



Division : Achampet
Range : Kollapur



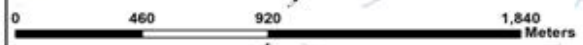
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
343	16.105788	78.427723	5.09	I
344	16.108173	78.428504	19.71	II
345	16.092034	78.408994	12.95	II
346	16.102905	78.427026	8.02	IV
347	16.104309	78.432334	79.64	V

LEGEND

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

Suitability Index

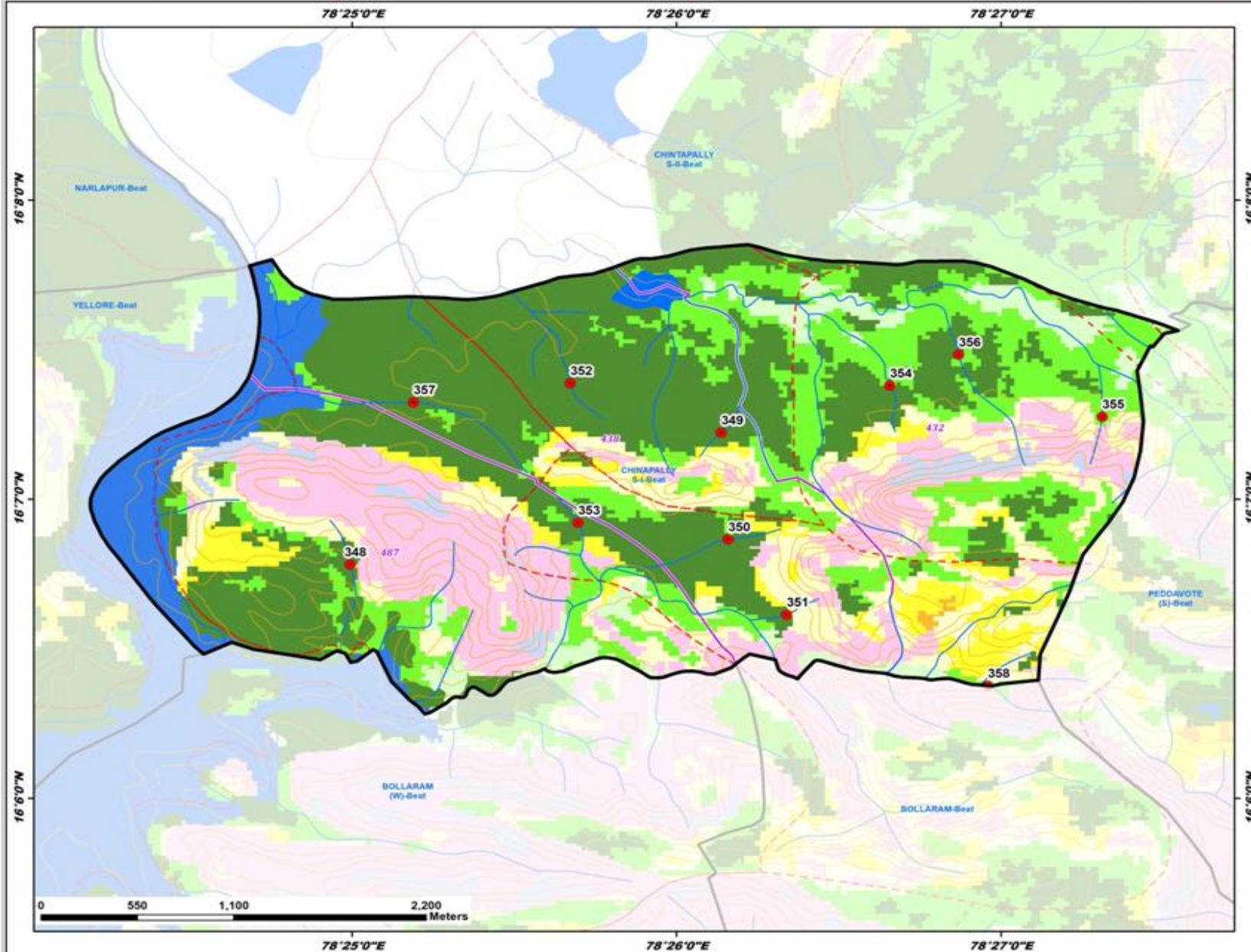
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Chinapally S-I Beat



Division : Achampet
Range : Kollapur

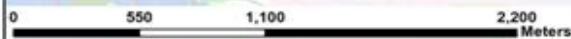


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
348	16.113031	78.416568	23.96	I
349	16.120381	78.435627	9.04	I
350	16.114433	78.435984	21.58	I
351	16.110239	78.438985	8.55	I
352	16.123132	78.427881	16.96	I
353	16.115356	78.428277	21.03	I
354	16.123001	78.444294	15.55	I
355	16.121262	78.455204	9.77	II
356	16.124716	78.447827	37.20	II
357	16.122065	78.419617	58.12	III
358	16.106281	78.449325	37.41	III

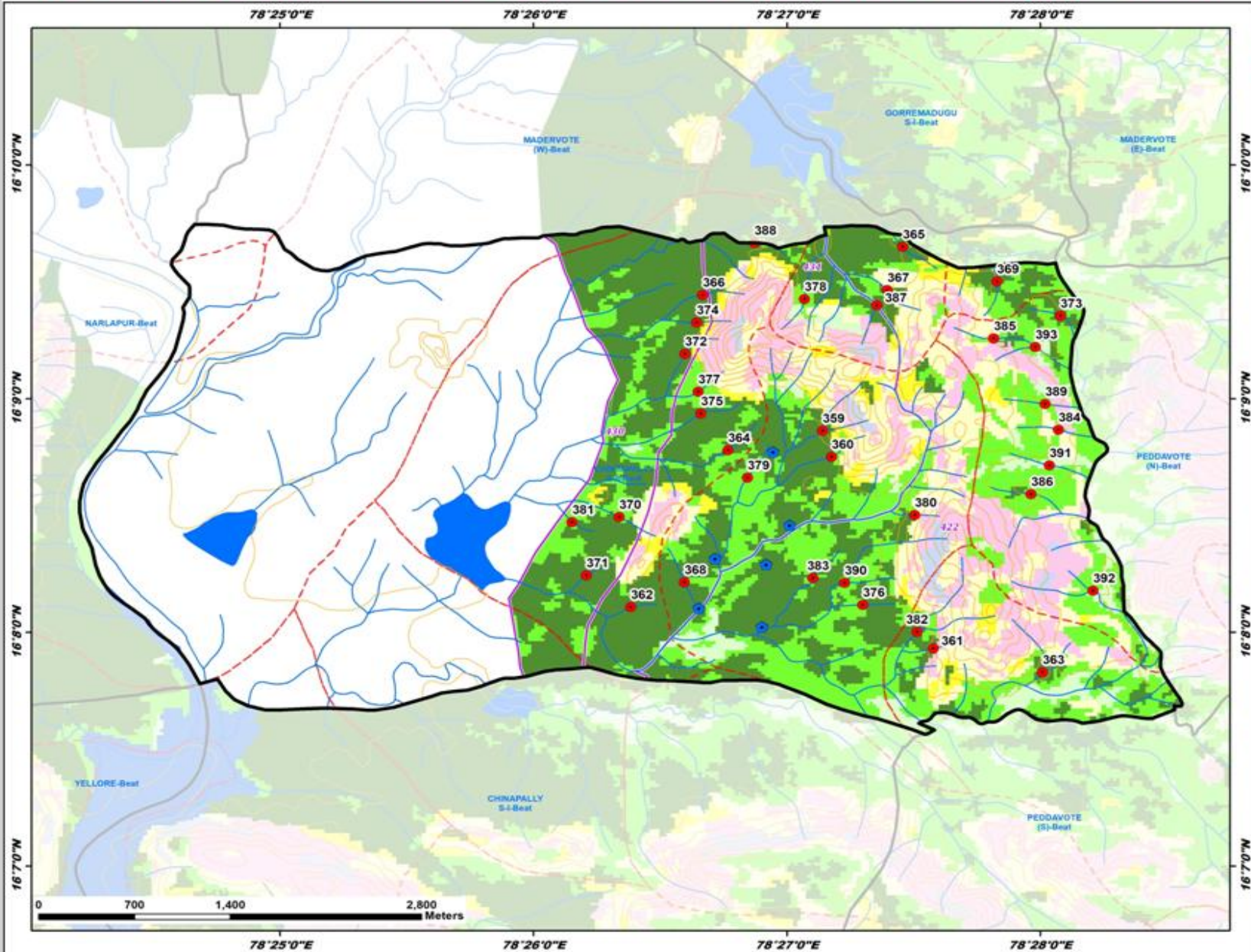
LEGEND

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

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



Map Showing Suitability Index for Construction of SMC Works of Chintapally S-II Beat



Division : Achampet
Range : Kollapur

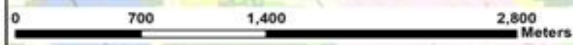
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
359	16.147720	78.452355	13.52	I
360	16.145809	78.452941	8.53	I
361	16.132205	78.459629	7.03	I
362	16.135154	78.439735	11.31	I
363	16.130506	78.466808	20.89	I
364	16.146336	78.446139	7.81	I
365	16.160843	78.457619	10.95	I
366	16.157409	78.444464	10.88	I
367	16.157748	78.456598	7.30	I
368	16.136916	78.443259	7.65	I
369	16.158361	78.463828	8.92	I
370	16.141566	78.438967	9.72	I
371	16.137400	78.436813	9.20	I
372	16.153200	78.443303	7.38	I
373	16.155913	78.467991	17.72	I
374	16.155445	78.444059	6.77	I
375	16.148947	78.444351	11.50	I
376	16.135297	78.454997	8.37	II
377	16.150513	78.444175	7.68	II
378	16.157115	78.451157	10.19	II
379	16.144383	78.447404	5.81	II
380	16.141706	78.458414	6.76	II
381	16.141210	78.435880	6.40	II
382	16.133370	78.458572	29.99	II
383	16.137205	78.451725	8.91	II
384	16.147782	78.467868	5.37	II
385	16.154305	78.463618	20.20	II
386	16.143206	78.460609	18.14	II
387	16.156677	78.455922	26.46	II
388	16.161121	78.447859	10.39	II
389	16.149630	78.466985	9.36	II
390	16.136878	78.453796	35.82	III
391	16.145242	78.467275	12.25	IV
392	16.136312	78.470142	26.89	V
393	16.153693	78.466344	30.12	V

LEGEND

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

Suitability Index

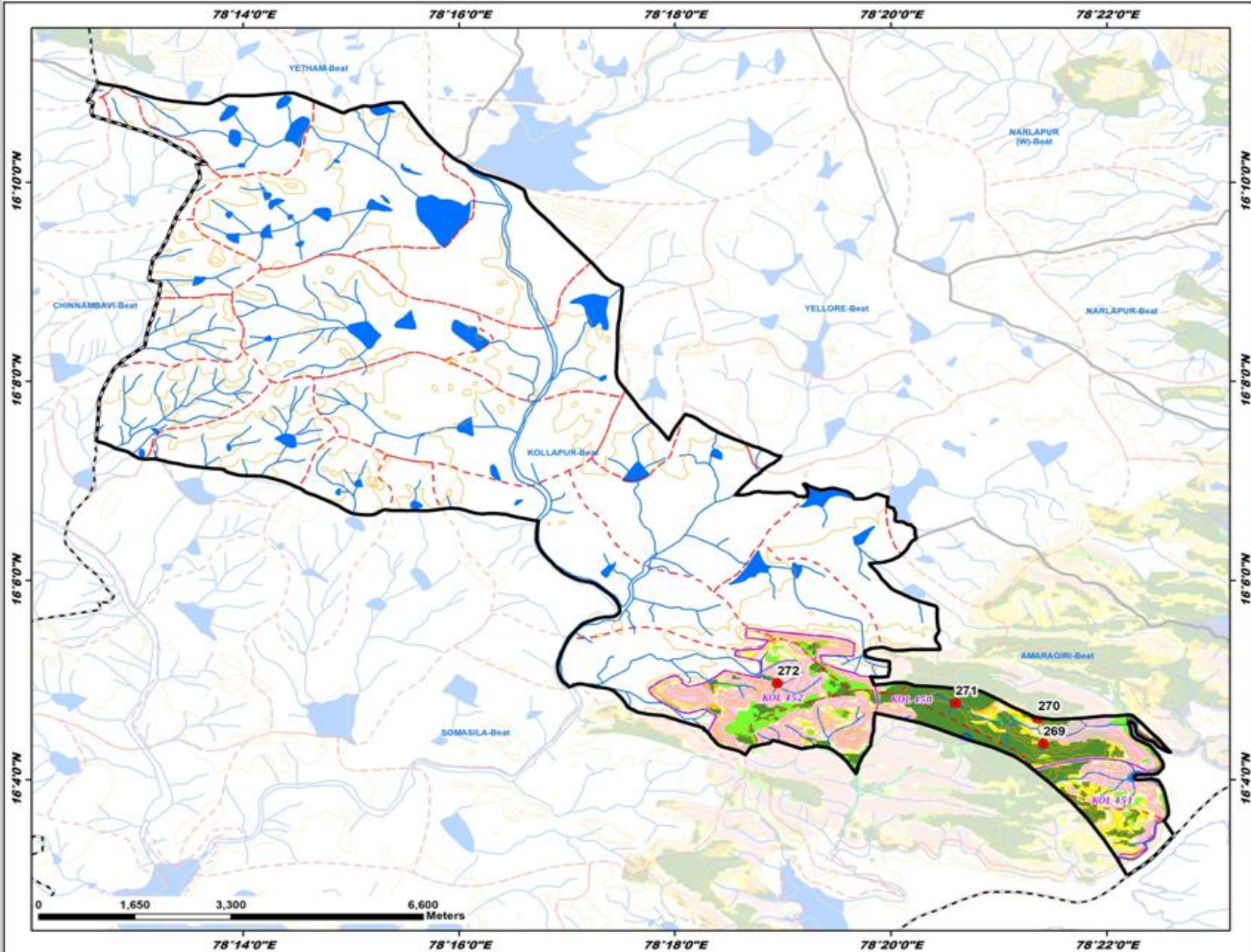
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Kollapur Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
269	16.072714	78.356889	17.79	I
270	16.076959	78.356085	13.72	I
271	16.079471	78.343310	56.22	III
272	16.082820	78.315830	78.90	V

LEGEND

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

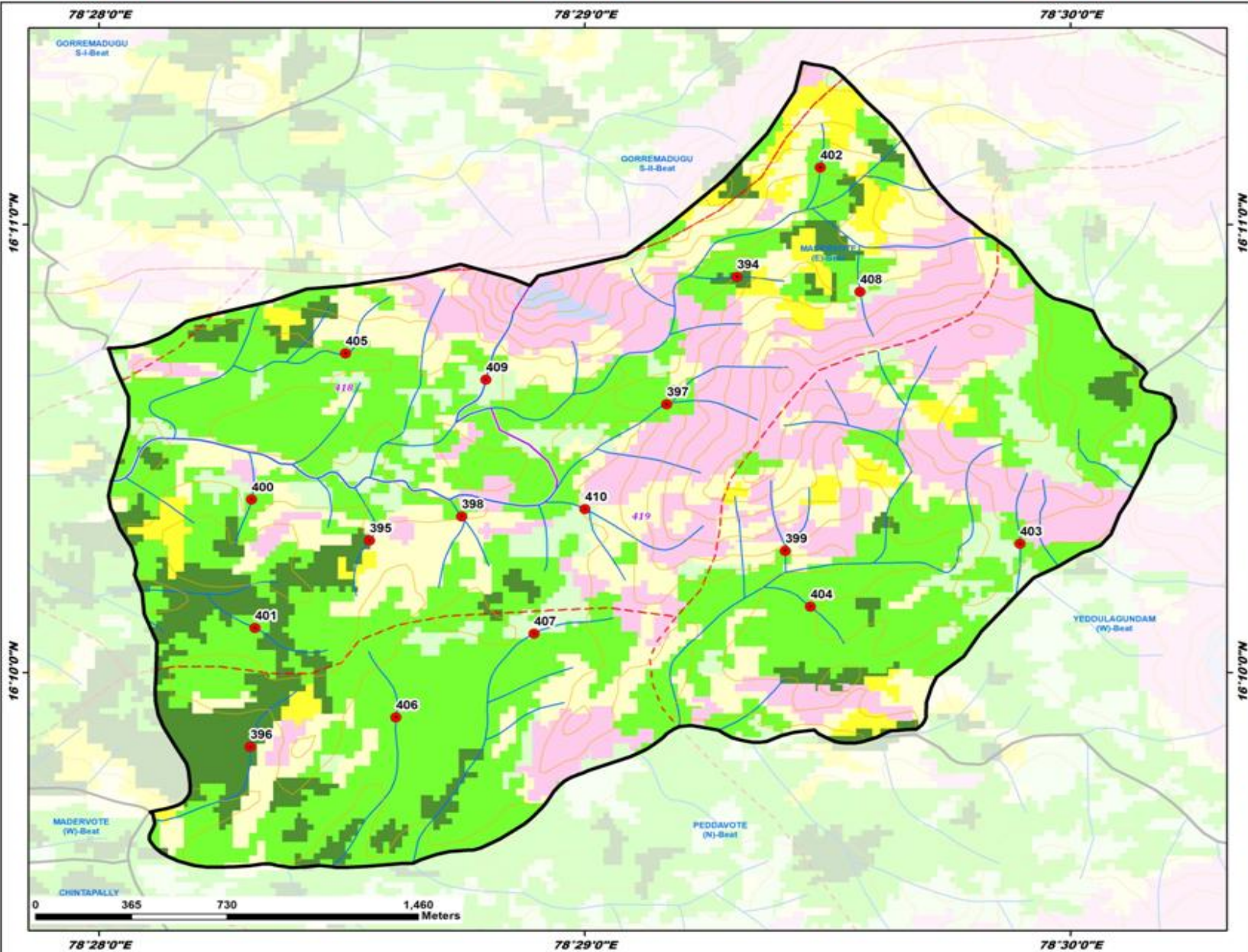
Suitability Index

- 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 Madervote East Beat



Division : Achampet
Range : Kollapur



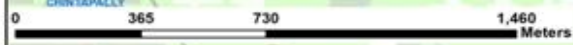
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
394	16.181389	78.488556	8.10	I
395	16.171579	78.475945	9.71	I
396	16.163909	78.471855	10.18	I
397	16.176648	78.486142	17.35	II
398	16.172478	78.479105	14.74	II
399	16.171193	78.490212	7.72	II
400	16.173107	78.471895	7.99	II
401	16.168331	78.472017	7.07	II
402	16.185463	78.491419	7.42	II
403	16.171463	78.488268	5.16	II
404	16.169118	78.491075	5.31	II
405	16.178544	78.475128	6.31	II
406	16.165003	78.476849	8.75	II
407	16.168116	78.481591	7.28	IV
408	16.180833	78.492782	6.46	IV
409	16.177563	78.479938	12.20	IV
410	16.172752	78.483136	20.98	IV

LEGEND

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

Suitability Index

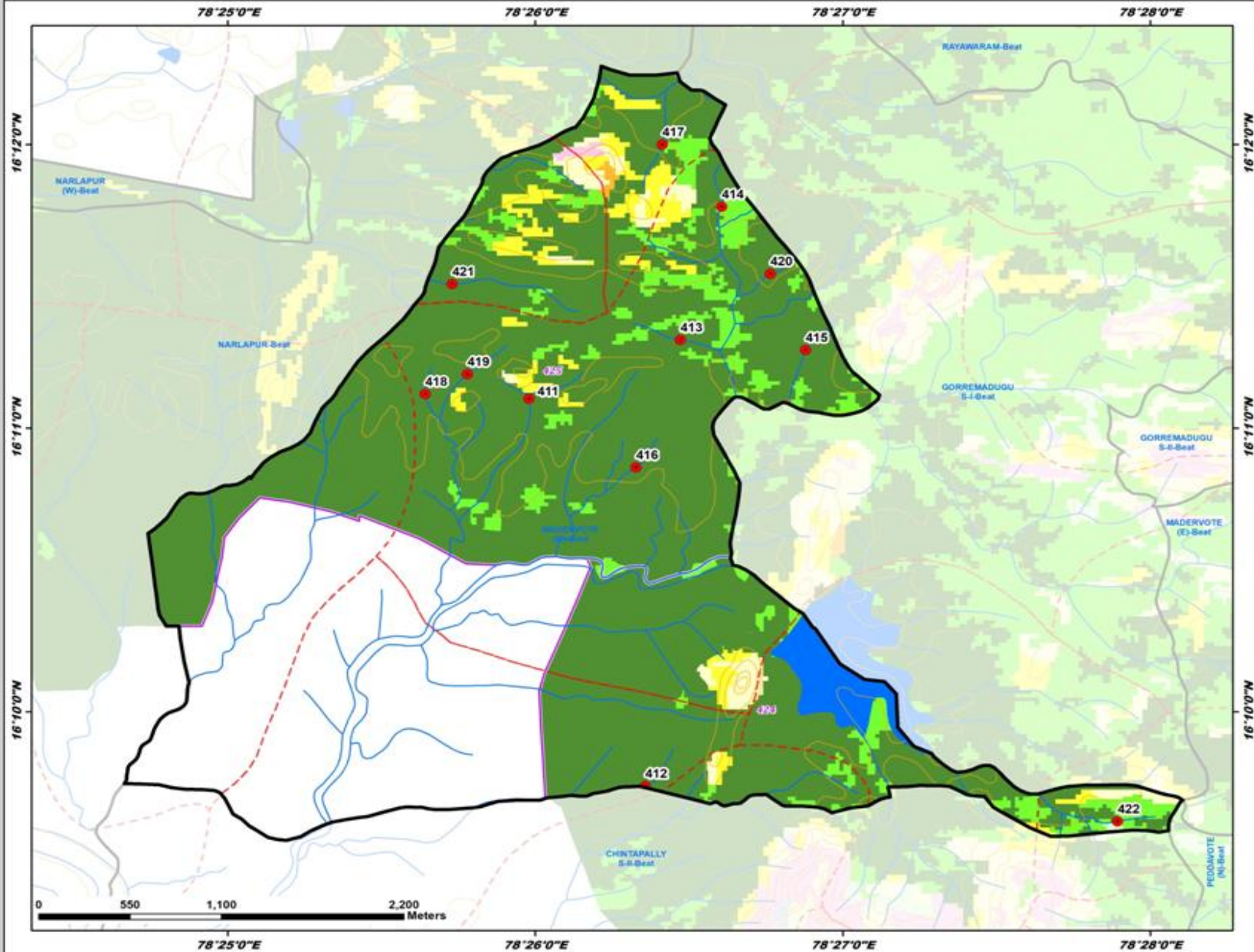
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Madervote West Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
411	16.185062	78.433012	17.66	I
412	16.162312	78.439306	8.18	I
413	16.188523	78.441210	15.36	I
414	16.196351	78.443448	17.48	I
415	16.187934	78.447998	20.79	I
416	16.181023	78.438809	12.68	I
417	16.200007	78.440221	9.12	I
418	16.185336	78.427382	7.82	I
419	16.186505	78.429667	6.86	I
420	16.192419	78.446086	12.87	I
421	16.191807	78.428842	65.42	III
422	16.160228	78.464906	8.87	IV

LEGEND

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

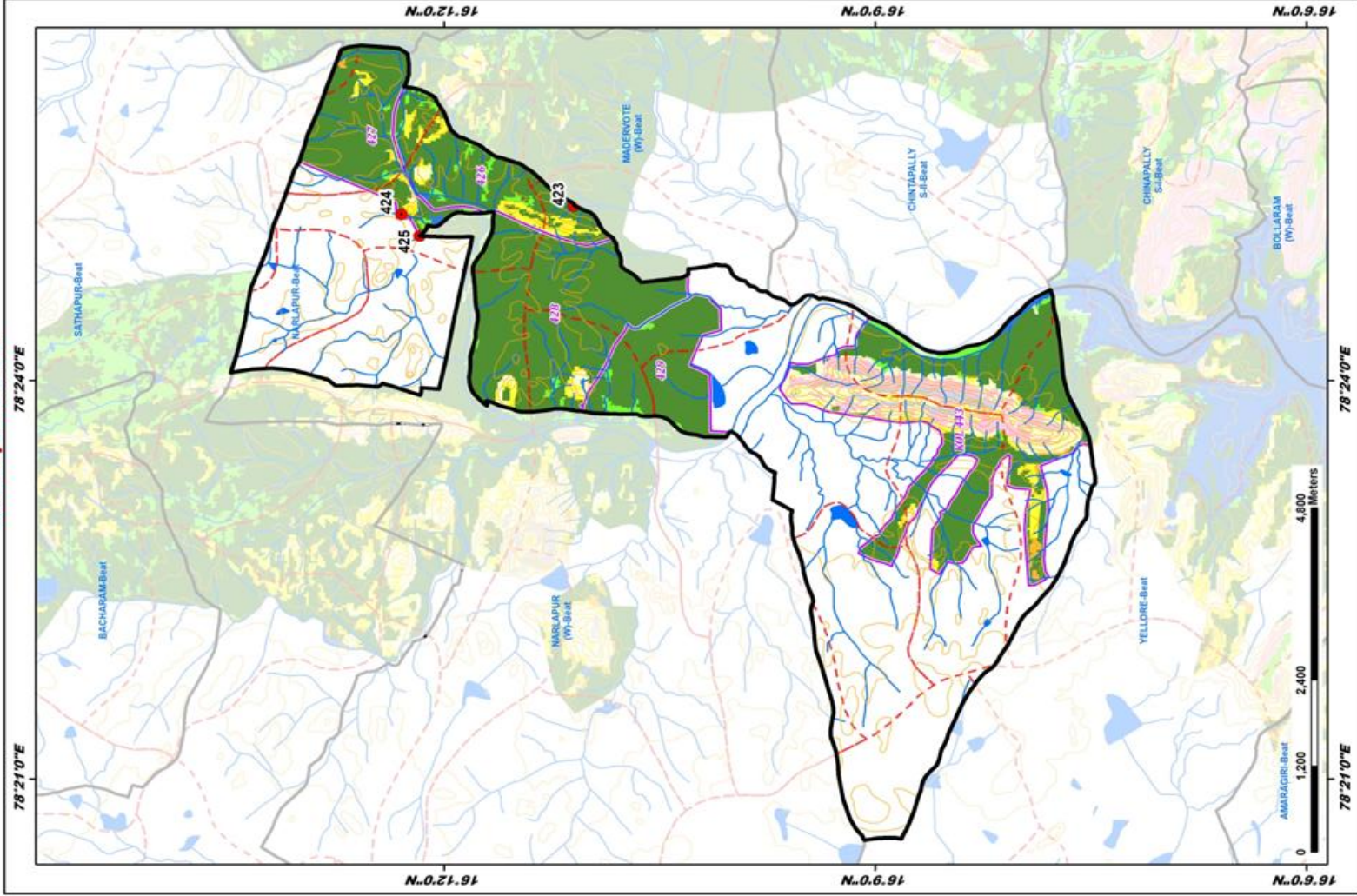
Suitability Index

- 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 Narlapur Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
423	16.188962	78.421995	10.64	I
424	16.209942	78.420928	25.00	I
425	16.203830	78.418201	13.63	I

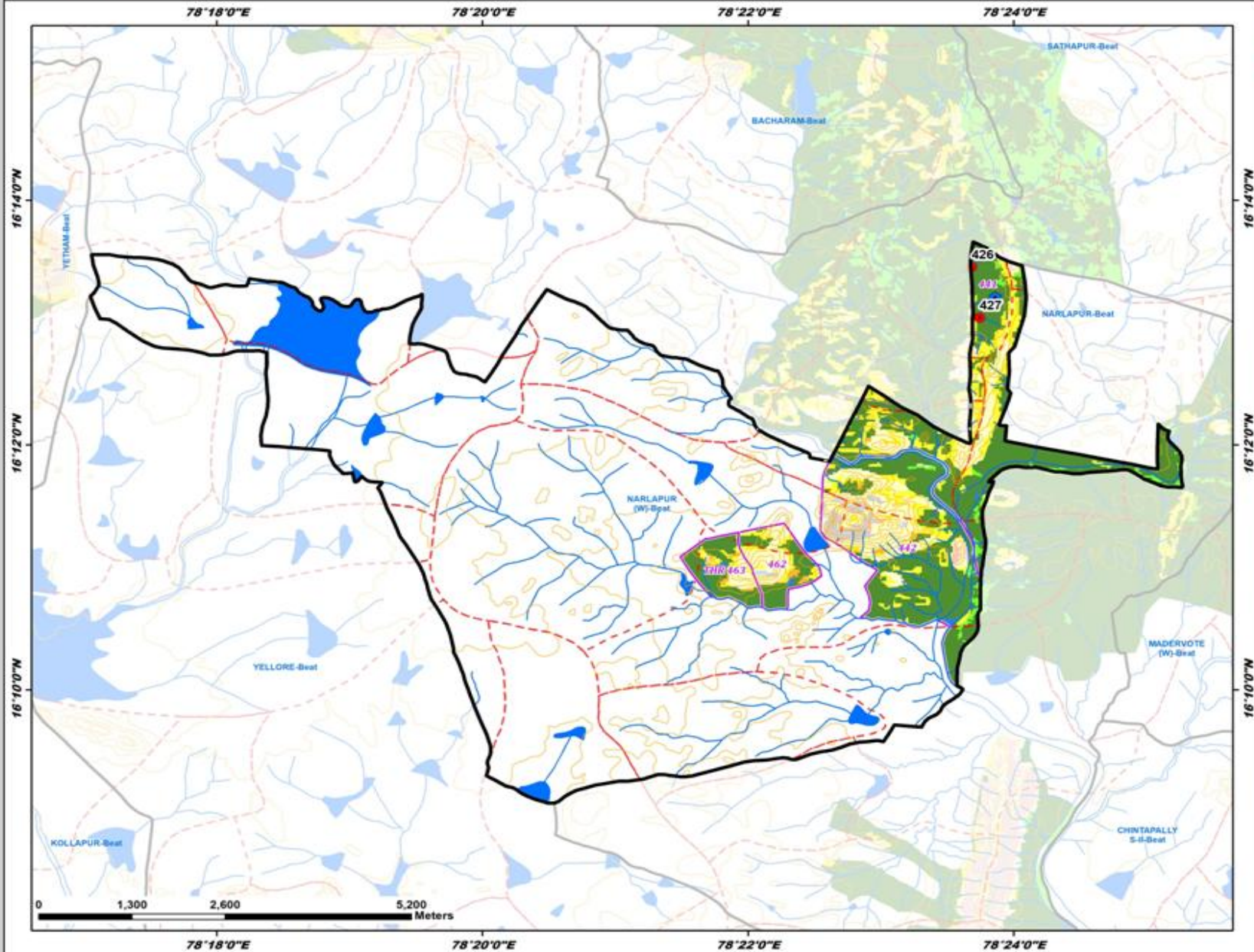
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Narlapur West Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
426	16.224250	78.394747	15.31	I
427	16.217332	78.395767	11.35	I

LEGEND

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

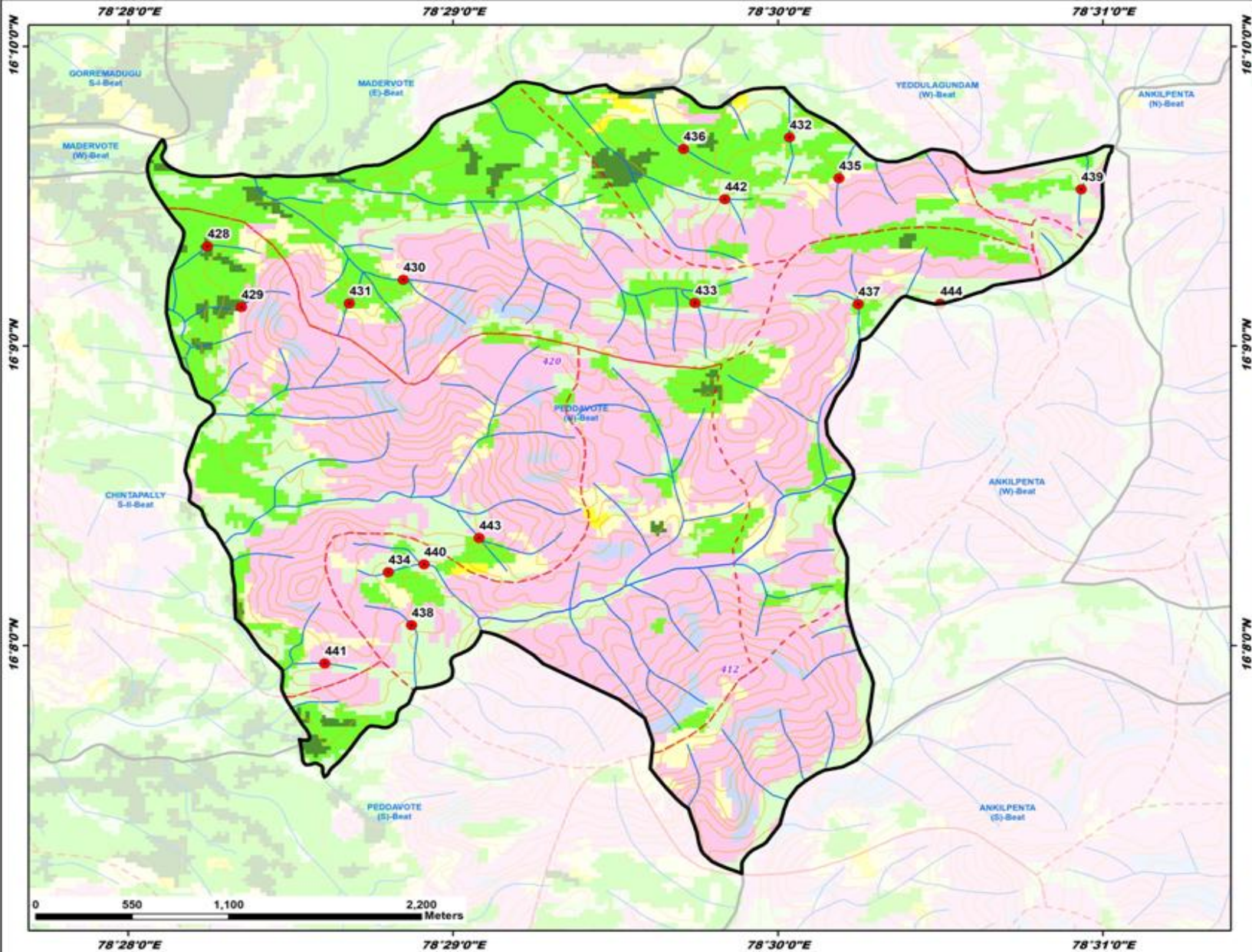
Suitability Index

- 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 Peddavote North Beat



Division : Achampet
Range : Kollapur



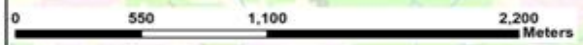
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
428	16.155550	78.470739	7.47	I
429	16.152167	78.472482	7.21	I
430	16.153687	78.480789	16.43	II
431	16.152362	78.478015	7.50	II
432	16.161609	78.500606	11.15	II
433	16.152395	78.495760	15.28	II
434	16.137415	78.480027	8.90	II
435	16.159327	78.503344	6.51	II
436	16.160961	78.495165	11.76	II
437	16.152328	78.504133	25.53	III
438	16.134473	78.481217	5.78	IV
439	16.158712	78.515570	14.71	IV
440	16.137854	78.481853	17.57	IV
441	16.132343	78.476760	8.87	IV
442	16.158166	78.497295	19.30	IV
443	16.139320	78.484676	16.30	IV
444	16.152360	78.508343	44.12	V

LEGEND

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

Suitability Index

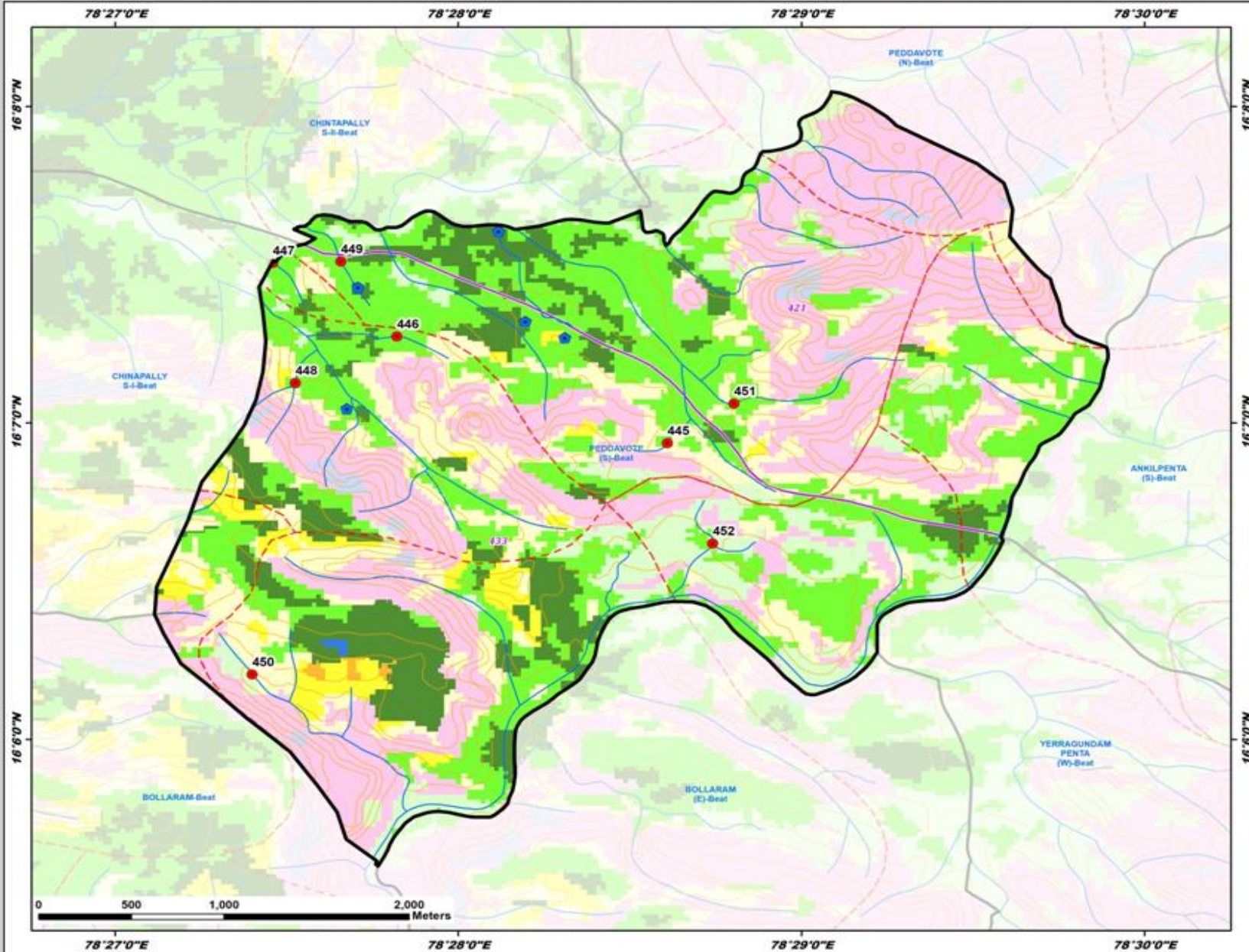
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Peddavote South Beat



Division : Achampet
Range : Kollapur



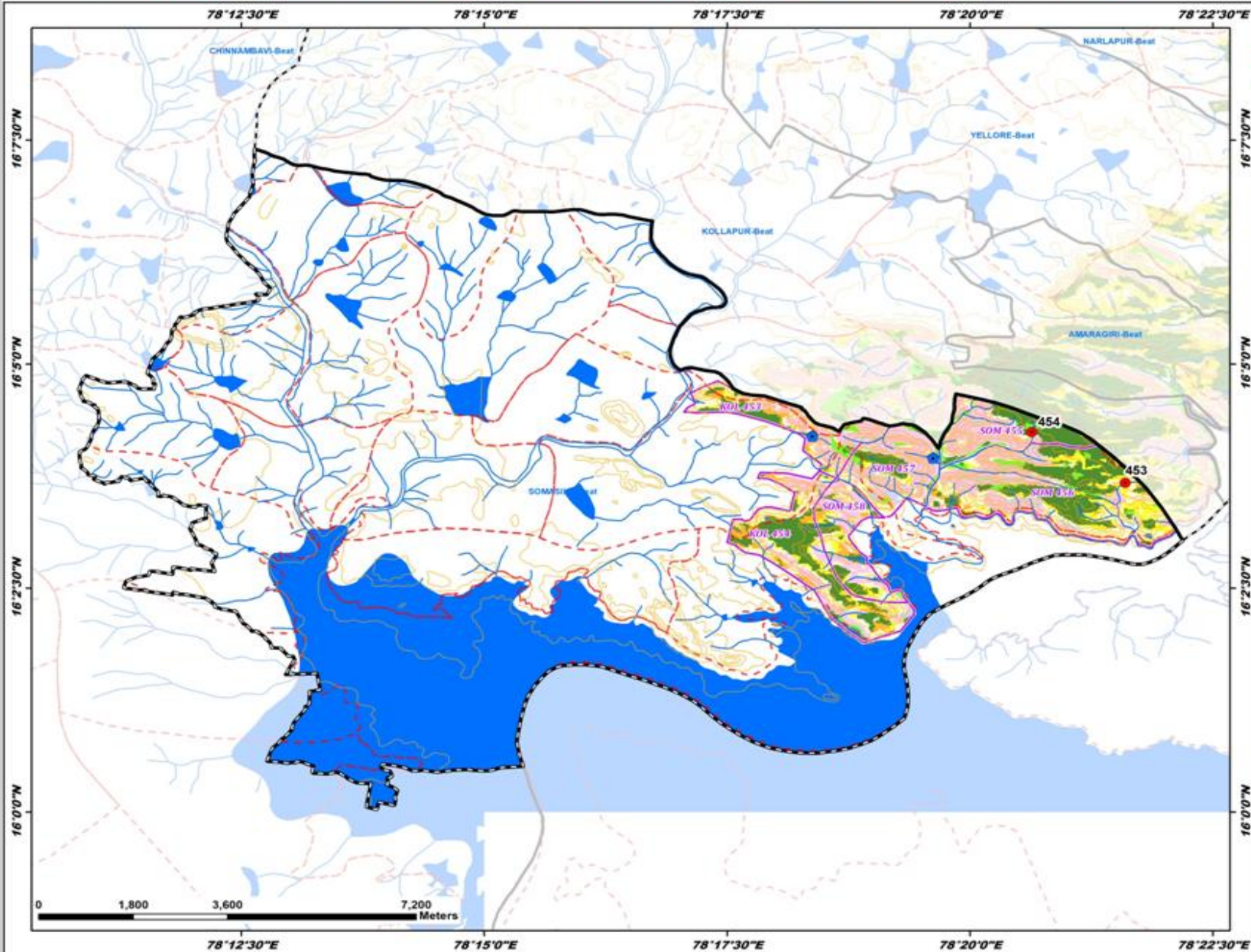
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
445	16.115605	78.476838	11.15	II
446	16.121224	78.463687	15.47	II
447	16.125102	78.457647	6.74	II
448	16.118784	78.458749	15.61	II
449	16.125179	78.460971	13.41	II
450	16.103430	78.456659	19.60	IV
451	16.117694	78.480054	71.73	IV
452	16.110324	78.479029	10.41	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 SGPs - Suitable
 - Not Suitable
 - Water Body

0 500 1,000 2,000 Meters

Map Showing Suitability Index for Construction of SMC Works of Somasila Beat



Division : Achampet
Range : Kollapur

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
453	16.061299	78.360014	14.74	I
454	16.070753	78.343994	39.78	II

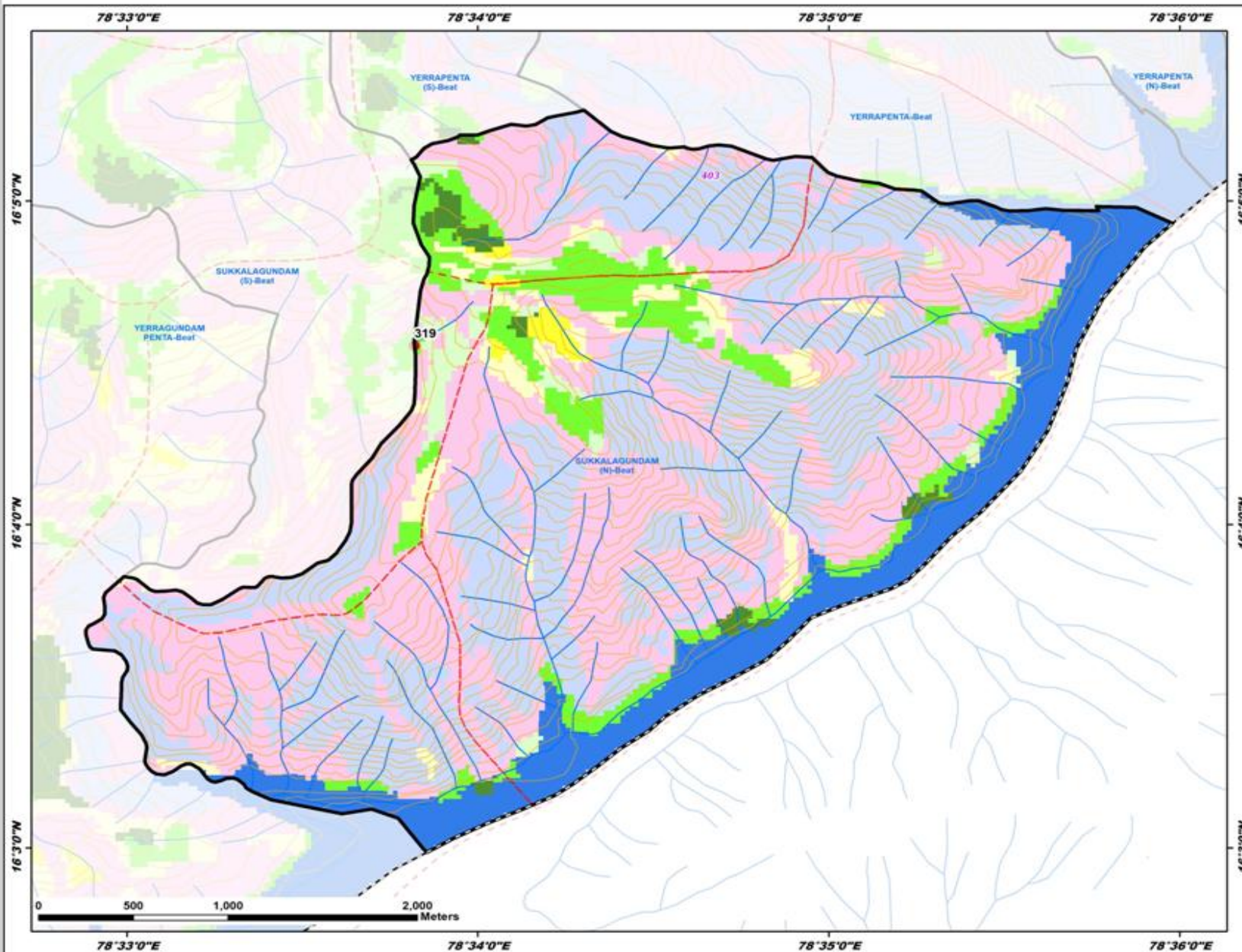
LEGEND

- 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 Sukkalagundam North Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
319	16.075876	78.563649	20.88	II

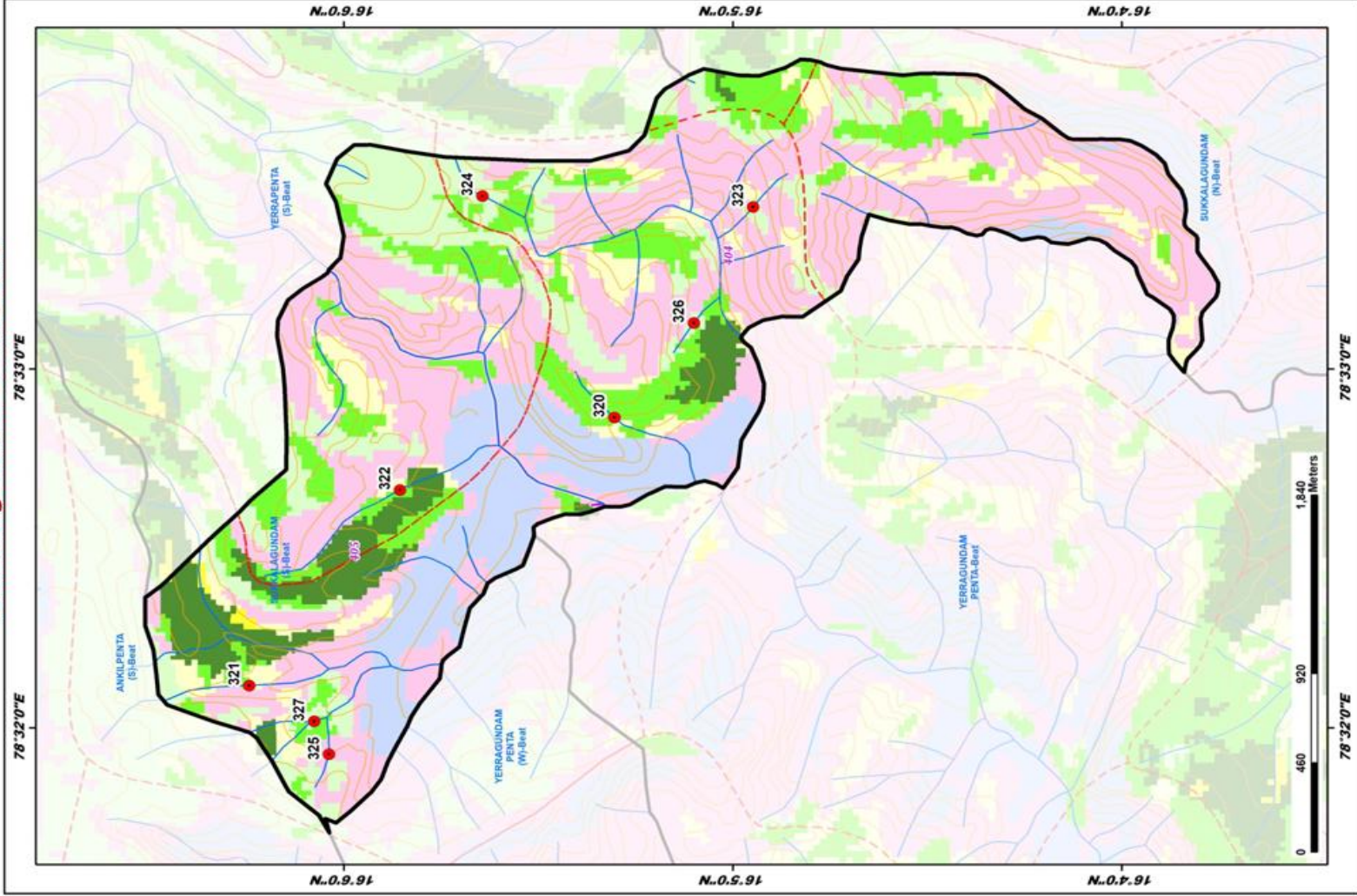
LEGEND

- 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 Sukkalagundam South Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Hn	PRIORITY
320	16.088408	78.547760	5.83	II
321	16.104055	78.535315	24.67	II
322	16.097599	78.544109	27.67	III
323	16.082459	78.557533	7.16	IV
324	16.094066	78.558038	10.60	IV
325	16.100642	78.531139	8.25	IV
326	16.088995	78.552143	7.78	IV
327	16.101274	78.533666	25.82	V

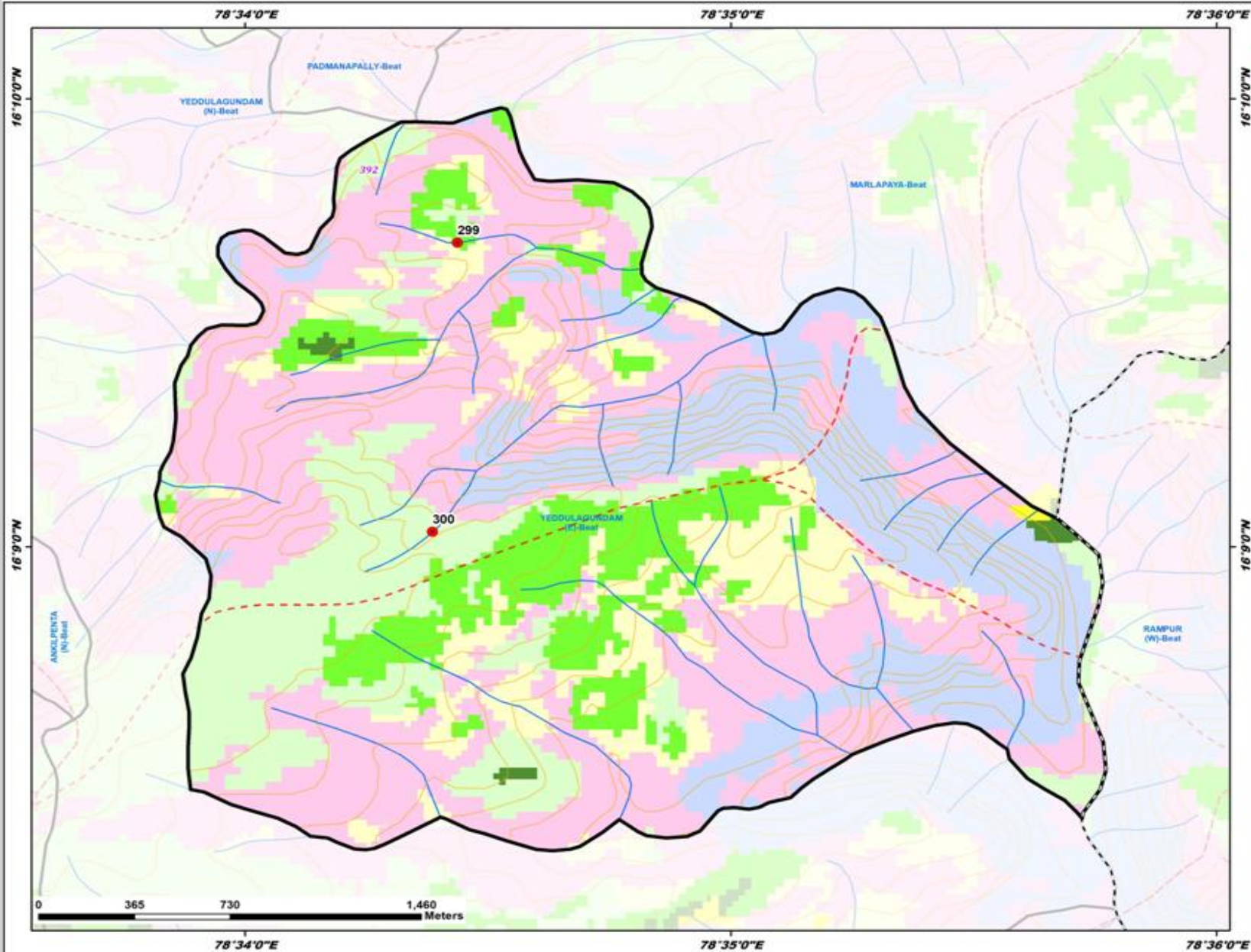
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Yeddulagundam East Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
299	16.161317	78.573959	14.25	II
300	16.150560	78.573099	6.66	IV

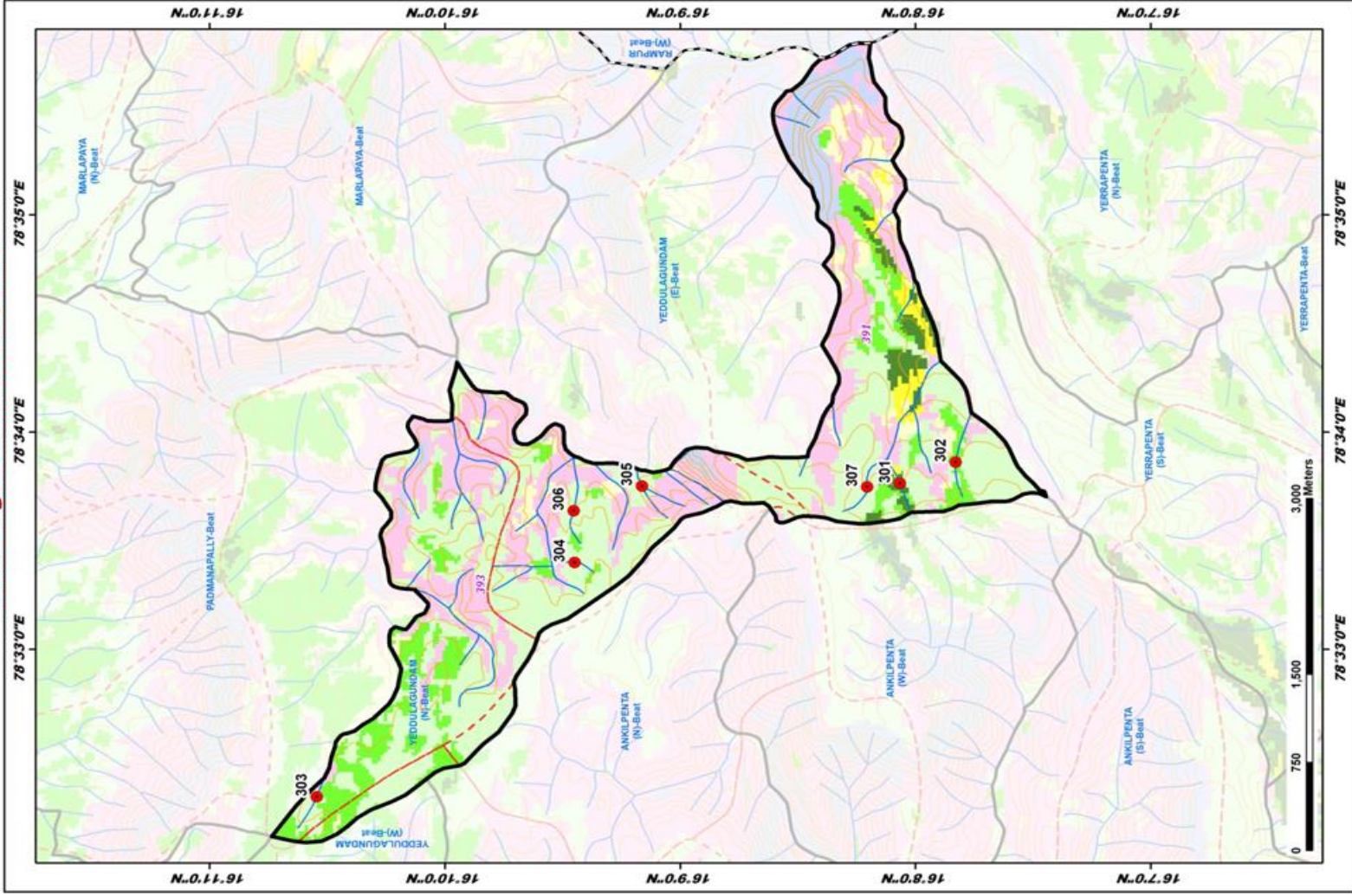
LEGEND

- 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 Yeddulagundam North Beat



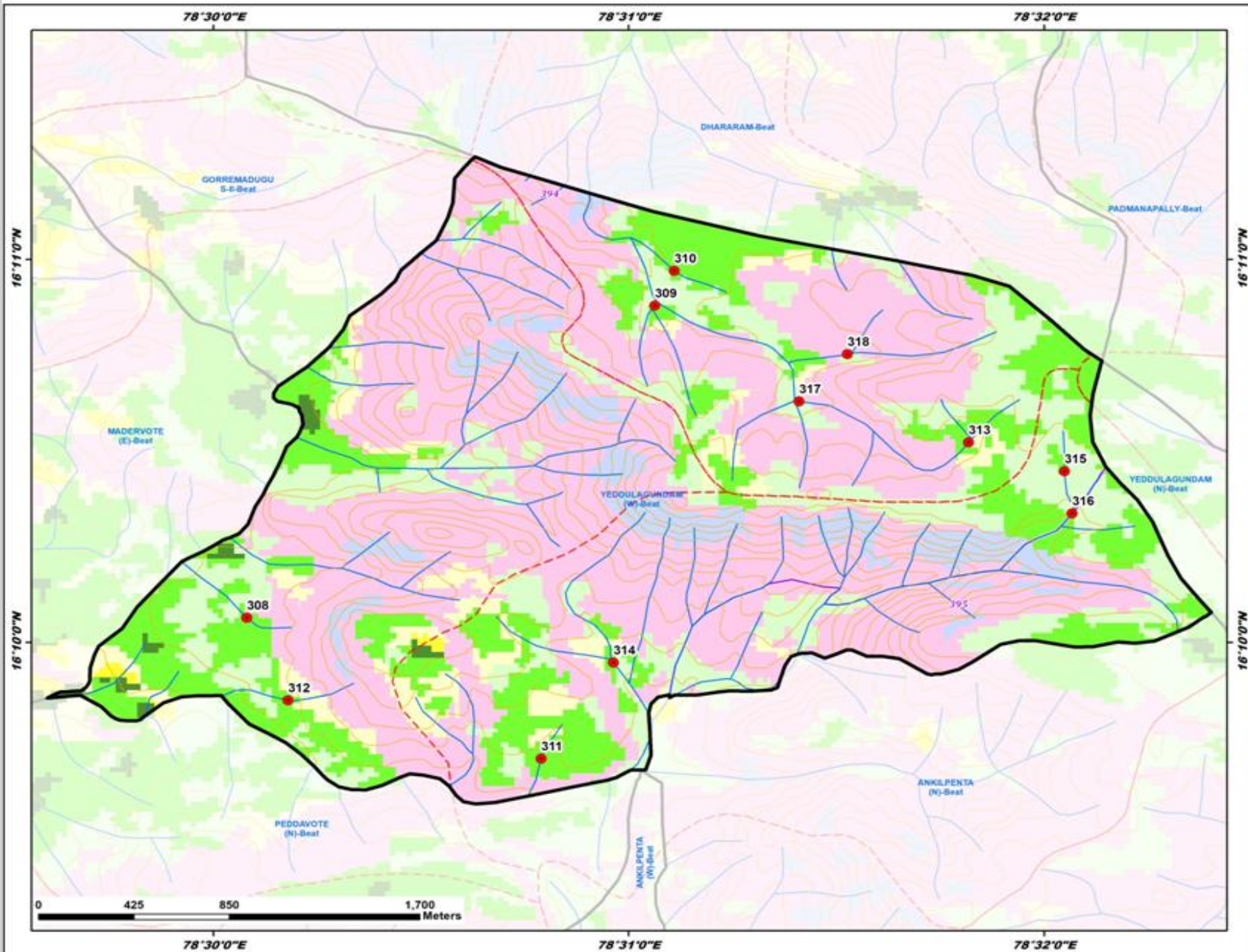
Division : Achampet
Range : Kollapur



Map Showing Suitability Index for Construction of SMC Works of Yeddulagundam West Beat



Division : Achampet
Range : Kollapur



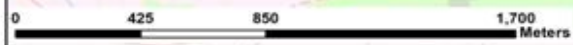
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
308	16.167745	78.501349	10.83	II
309	16.181328	78.517721	15.82	II
310	16.182837	78.518494	6.51	II
311	16.181612	78.513161	7.97	II
312	16.164146	78.503002	8.49	II
313	16.175380	78.530310	15.64	II
314	16.165791	78.516056	42.05	III
315	16.174116	78.534158	7.93	IV
316	16.172284	78.534464	18.29	IV
317	16.177253	78.523510	30.13	V
318	16.179211	78.525448	27.45	V

LEGEND

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

Suitability Index

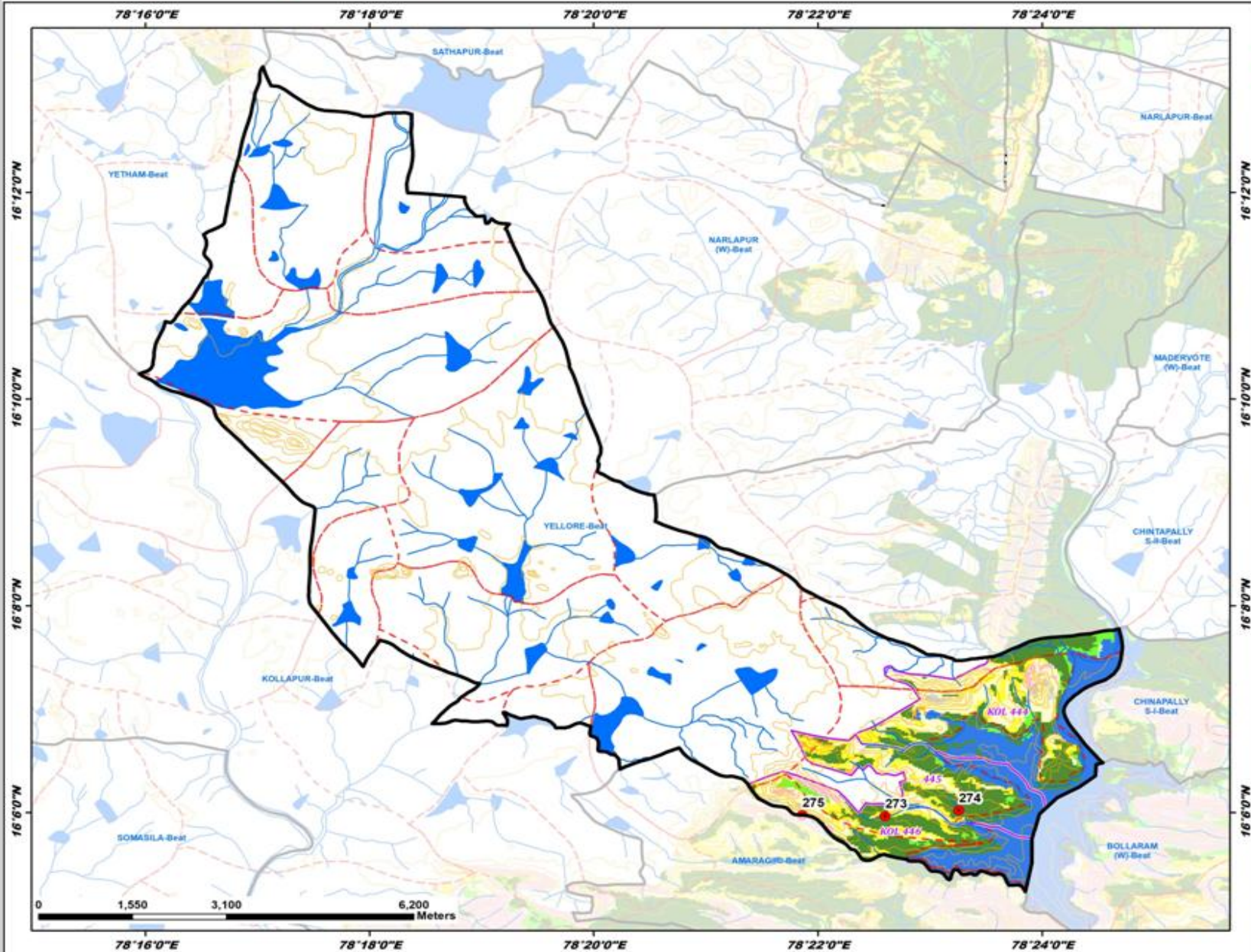
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Yellore Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
273	16.099466	78.376681	23.91	I
274	16.100347	78.387621	5.04	I
275	16.099608	78.364368	64.03	III

LEGEND

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

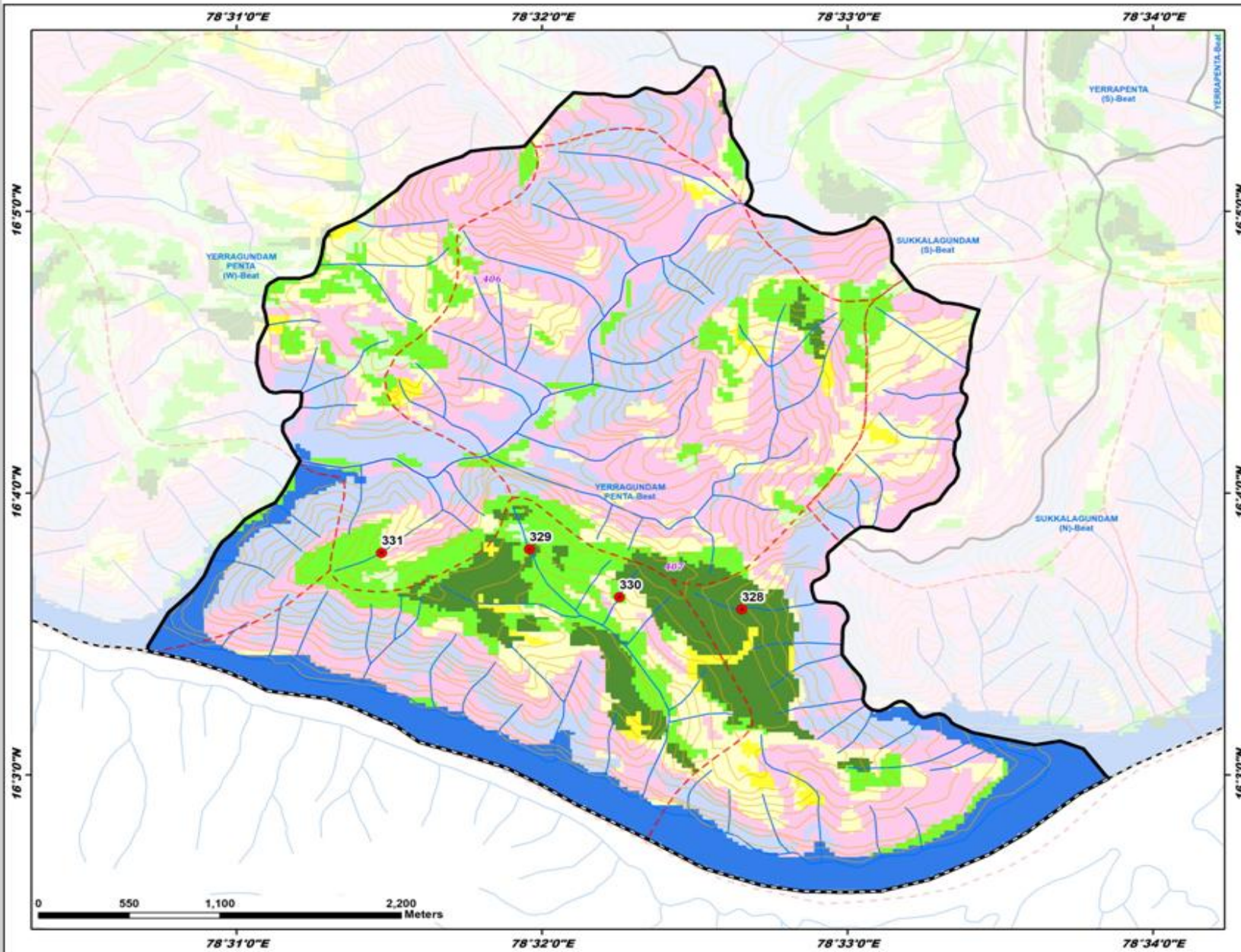
Suitability Index

- 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 Yerragundam Penta Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
328	16.099785	78.544245	8.34	I
329	16.063344	78.532660	11.35	I
330	16.060513	78.537561	5.56	II
331	16.063126	78.524575	6.20	II

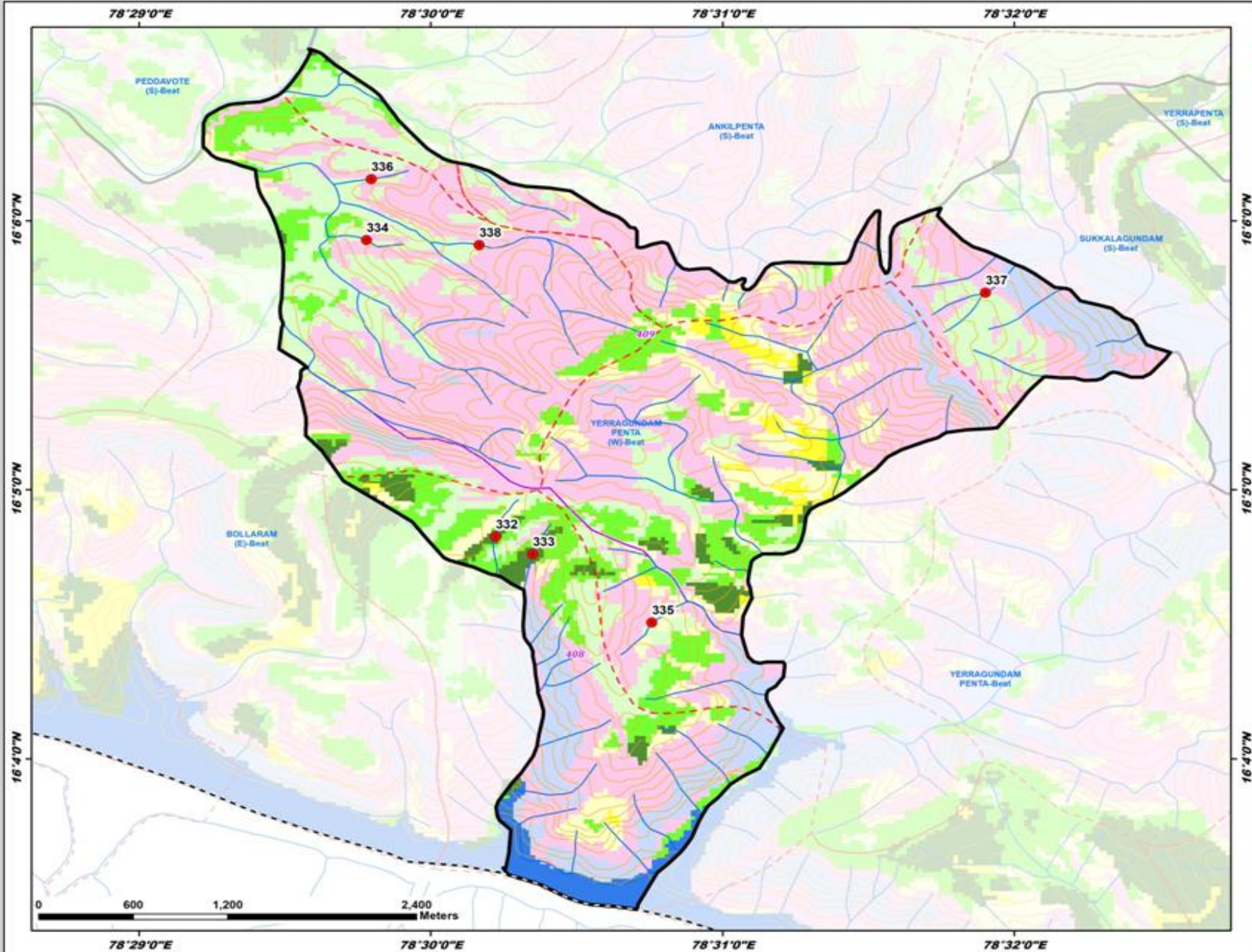
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Yerragundam Penta West Beat



Division : Achampet
Range : Kollapur



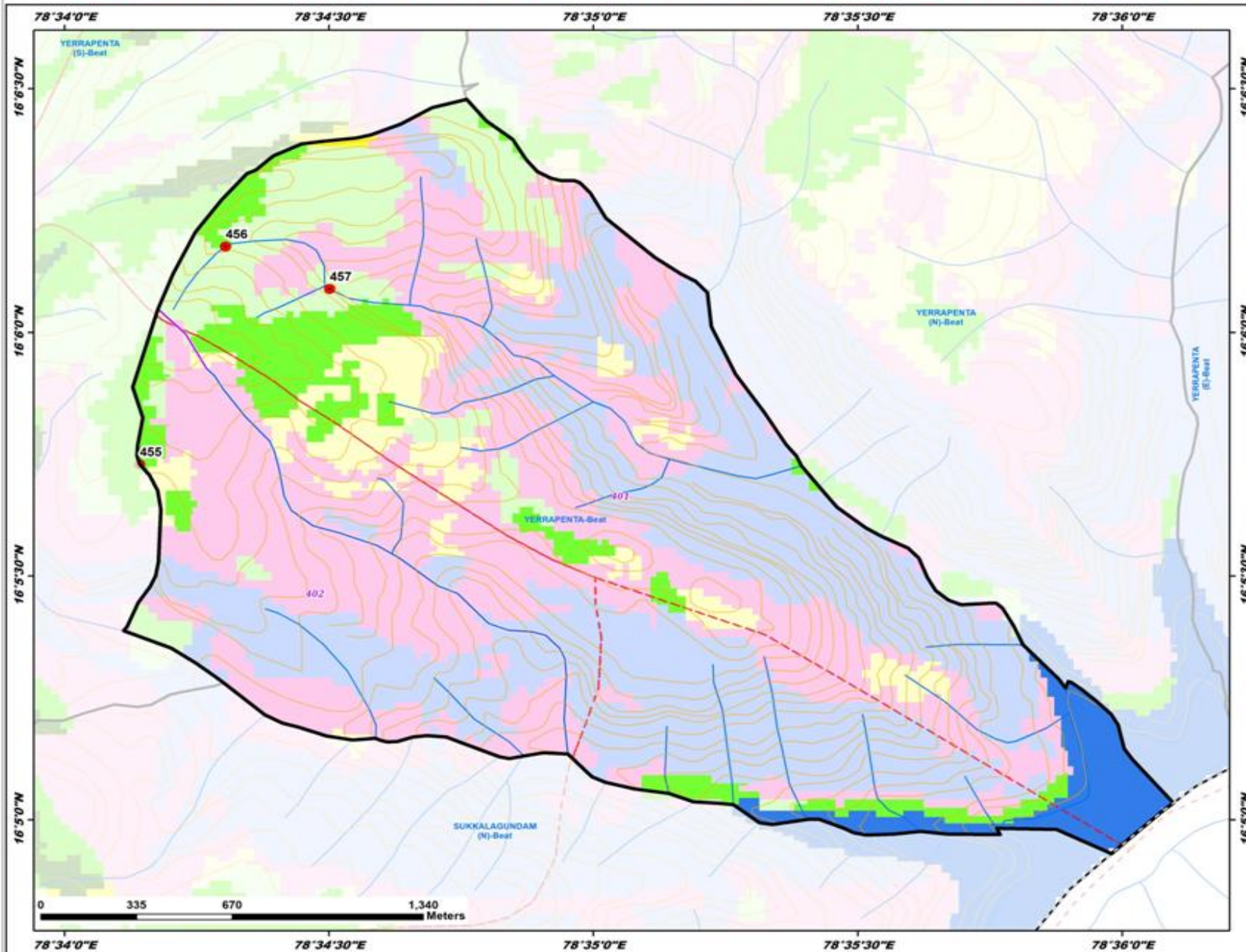
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
332	16.080428	78.503704	9.41	I
333	16.079345	78.505823	12.72	I
334	16.098803	78.496329	7.25	IV
335	16.075109	78.532630	16.76	IV
336	16.102592	78.496600	10.67	IV
337	16.095554	78.531699	9.00	IV
338	16.098502	78.502772	62.28	V

- 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 Yerrapenta Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
455	16.095493	78.569036	6.83	II
456	16.302937	78.571741	9.21	II
457	16.101491	78.575029	33.63	V

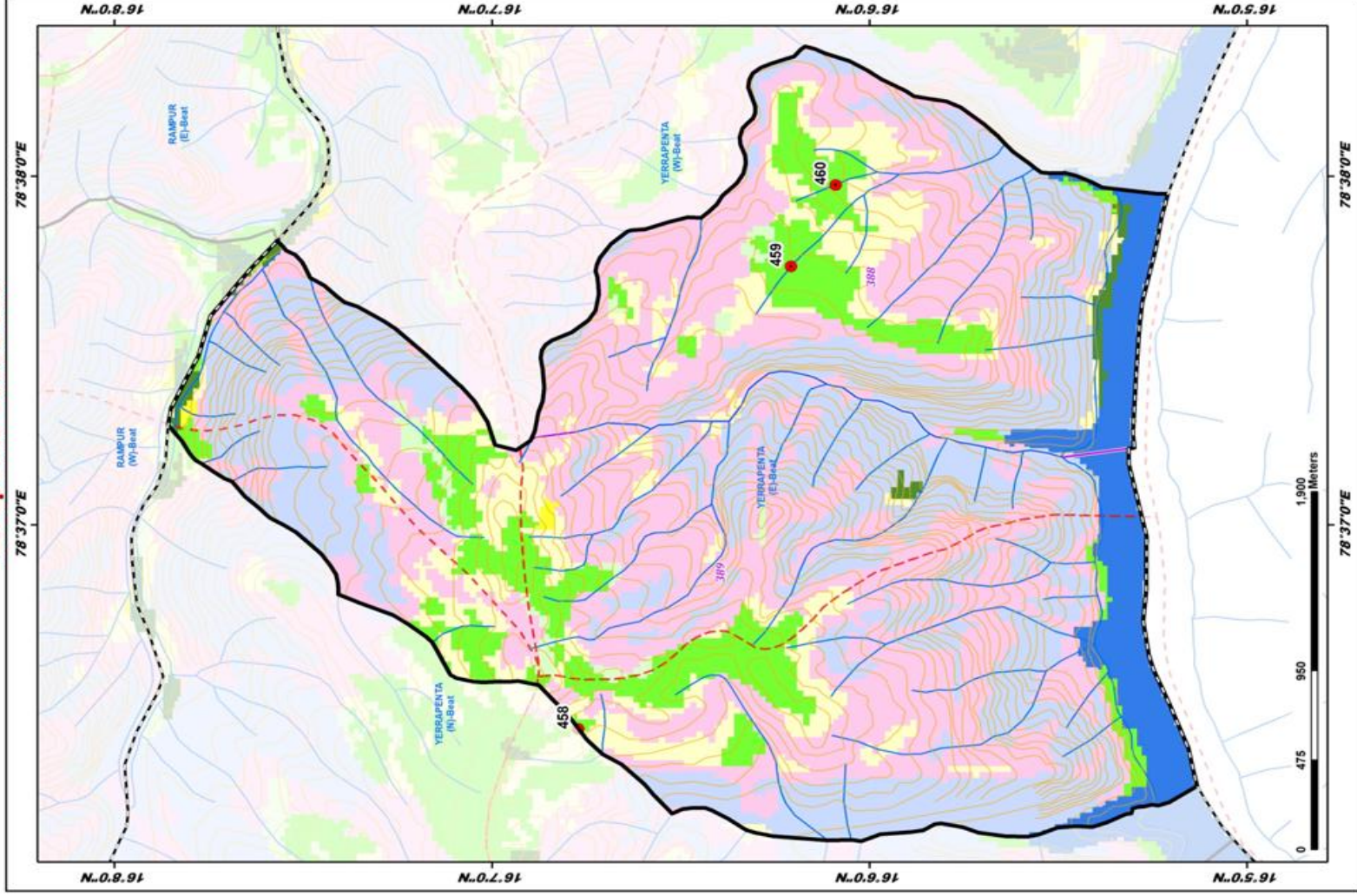
LEGEND

- 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

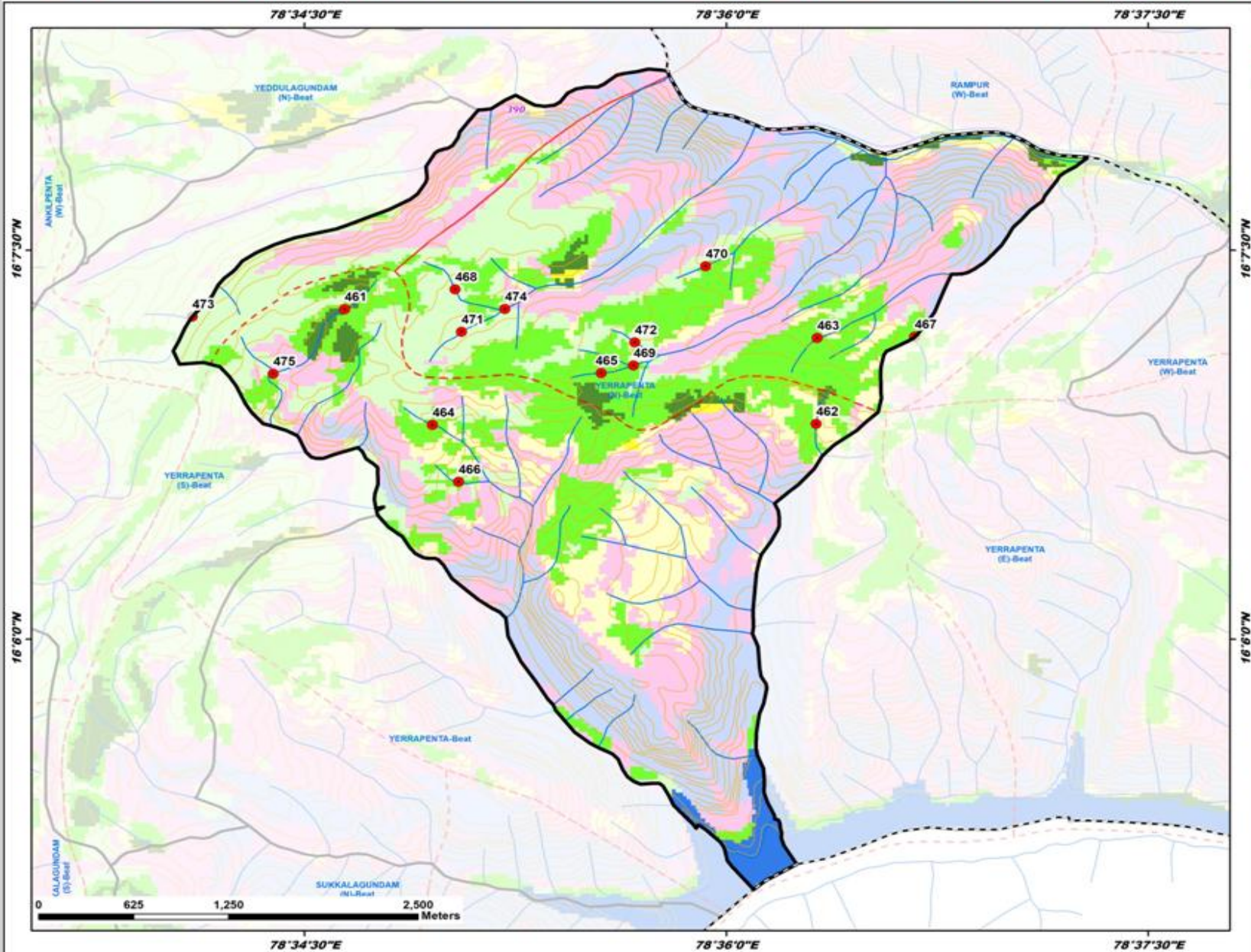
Map Showing Suitability Index for Construction of SMC Works of Yerrapenta East Beat



Division : Achampet
Range : Kollapur



Map Showing Suitability Index for Construction of SMC Works of Yerrapenta North Beat



Division : Achampet
Range : Kollapur

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
461	16.121209	78.577375	11.14	I
462	16.113848	78.605332	9.28	II
463	16.119359	78.605397	8.96	III
464	16.113778	78.582593	7.73	III
465	16.117110	78.592592	5.31	III
466	16.110112	78.584130	11.33	III
467	16.119439	78.611171	28.88	III
468	16.122486	78.583929	6.51	IV
469	16.117605	78.594505	20.18	IV
470	16.123972	78.598782	9.23	IV
471	16.119760	78.584303	15.72	IV
472	16.119080	78.594589	5.27	IV
473	16.120744	78.568355	33.04	V
474	16.121227	78.586885	34.88	V
475	16.117063	78.573144	52.85	V

LEGEND

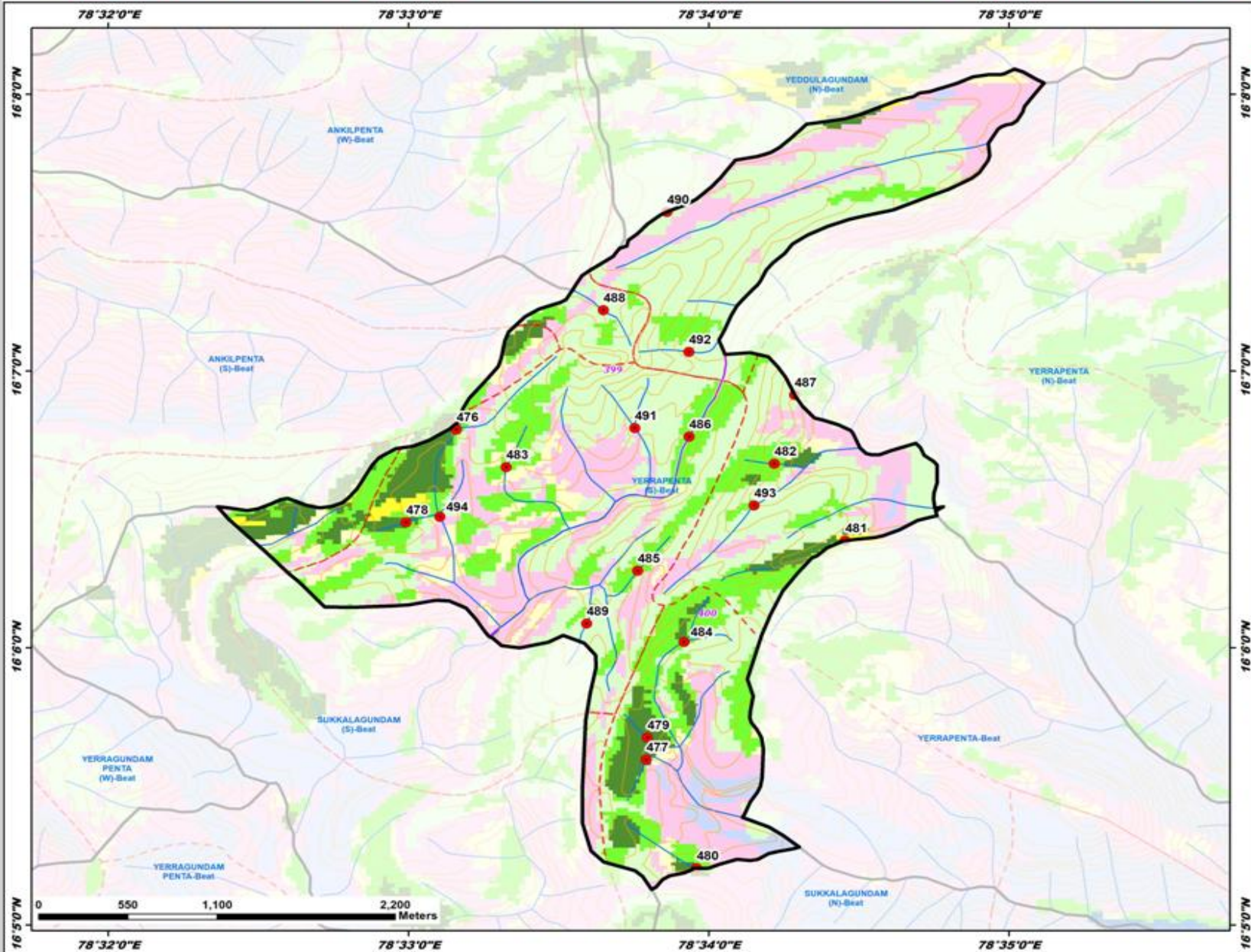
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- ▭ Watershed Boundary
- ▭ Compartment Boundary
- ▭ Beat Boundary
- ▭ Division Boundary

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 LGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Yerrapenta South Beat



Division : Achampet
Range : Kollapur

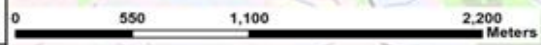
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
476	16.133145	78.532661	15.82	I
477	16.093276	78.563208	9.40	I
478	16.107557	78.549867	10.58	I
479	16.094613	78.563264	5.96	I
480	16.086738	78.566009	24.32	II
481	16.106461	78.574252	15.89	II
482	16.113097	78.570324	9.97	II
483	16.110890	78.555430	8.58	II
484	16.100359	78.565313	16.25	II
485	16.104654	78.562738	10.42	II
486	16.112717	78.565590	27.56	III
487	16.115235	78.571442	12.83	IV
488	16.120331	78.560823	16.01	IV
489	16.101478	78.559903	7.39	IV
490	16.126252	78.564357	19.06	IV
491	16.113245	78.562570	18.02	IV
492	16.117826	78.565568	9.90	IV
493	16.108575	78.569199	22.53	IV
494	16.107896	78.551752	55.76	V

LEGEND

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

Suitability Index

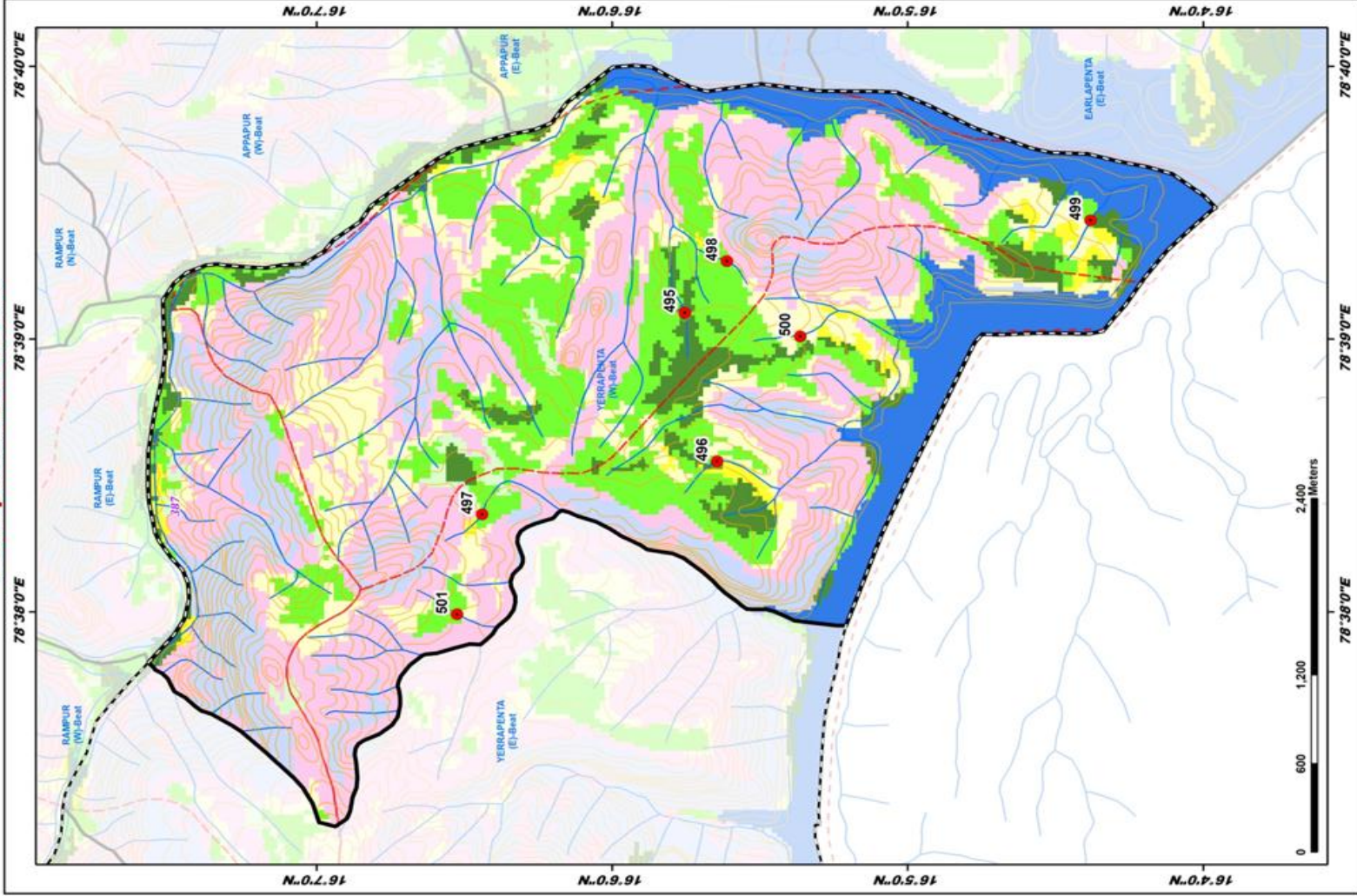
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Yerrapenta West Beat



Division : Achampet
Range : Kollapur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
495	16.095886	78.651639	10.70	I
496	16.094072	78.642559	7.46	II
497	16.107326	78.639311	9.19	II
498	16.093634	78.654784	5.78	II
499	16.073023	78.657269	8.94	II
500	16.089364	78.650187	16.52	II
501	16.106748	78.633219	10.11	II

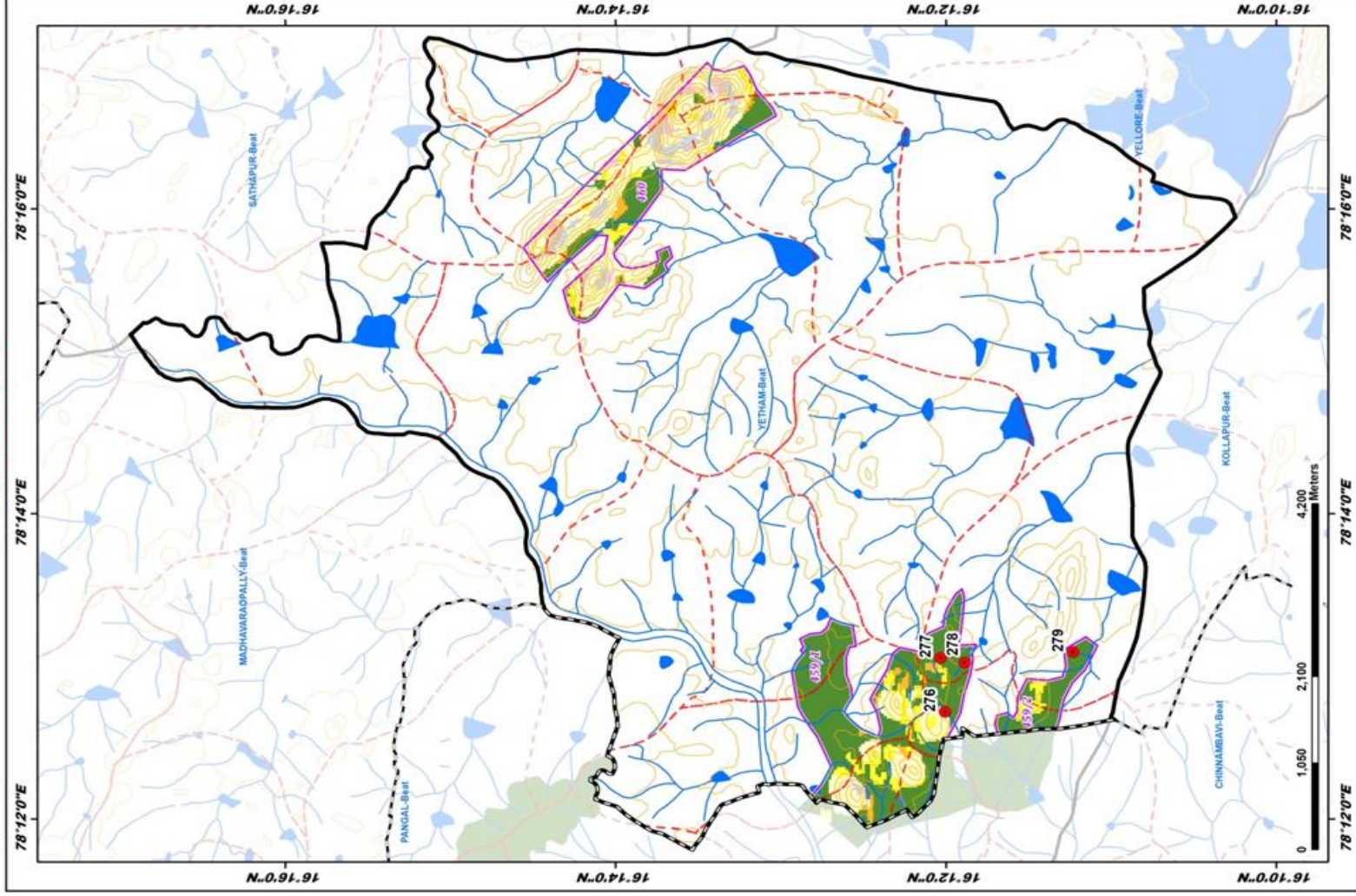
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Yetham Beat



Division : Achampet
Range : Kollapur

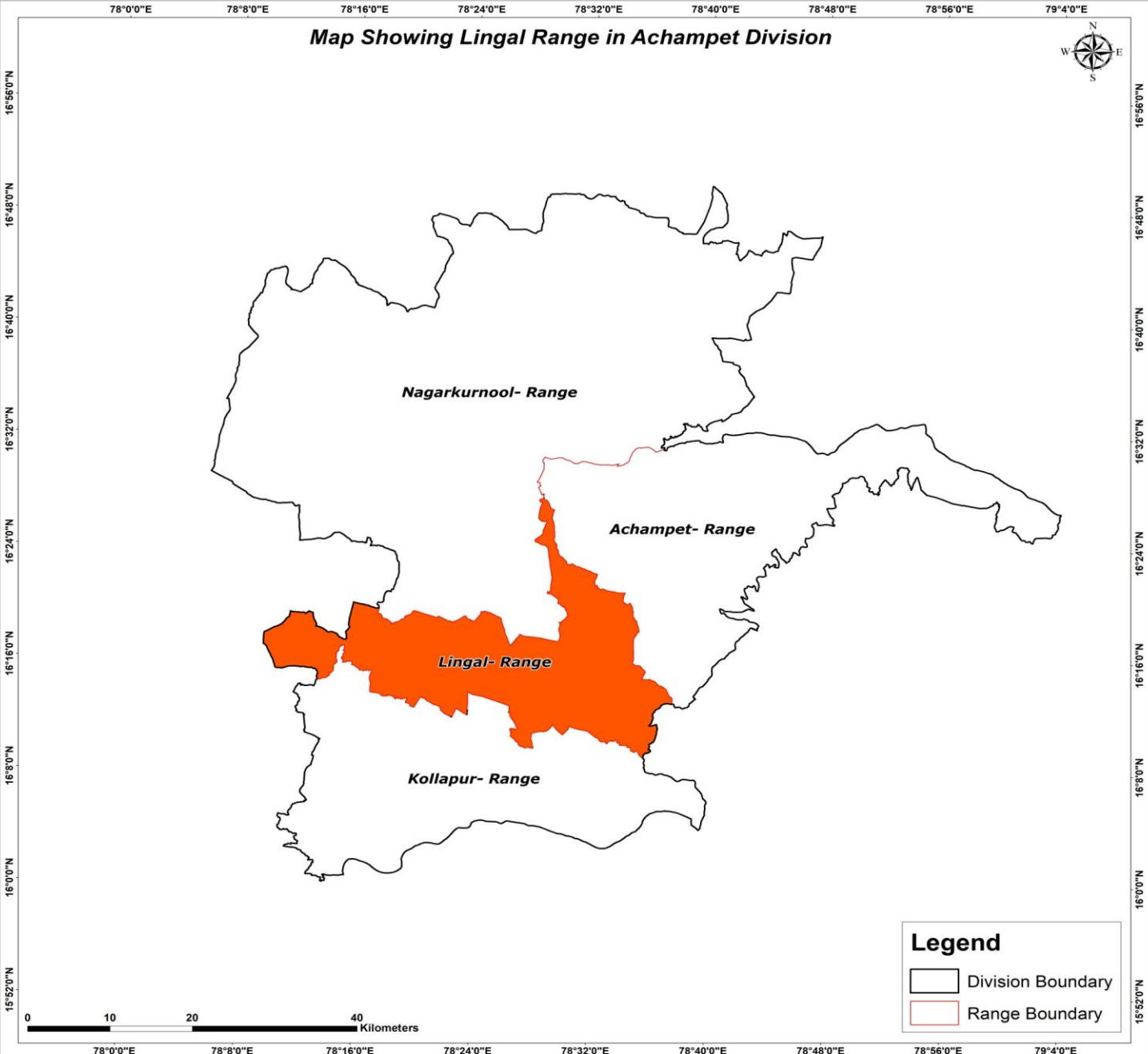


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
276	16.200071	78.211727	8.20	I
277	16.200524	78.217613	6.38	I
278	16.198101	78.217109	8.66	I
279	16.187181	78.218251	9.26	I

LEGEND

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

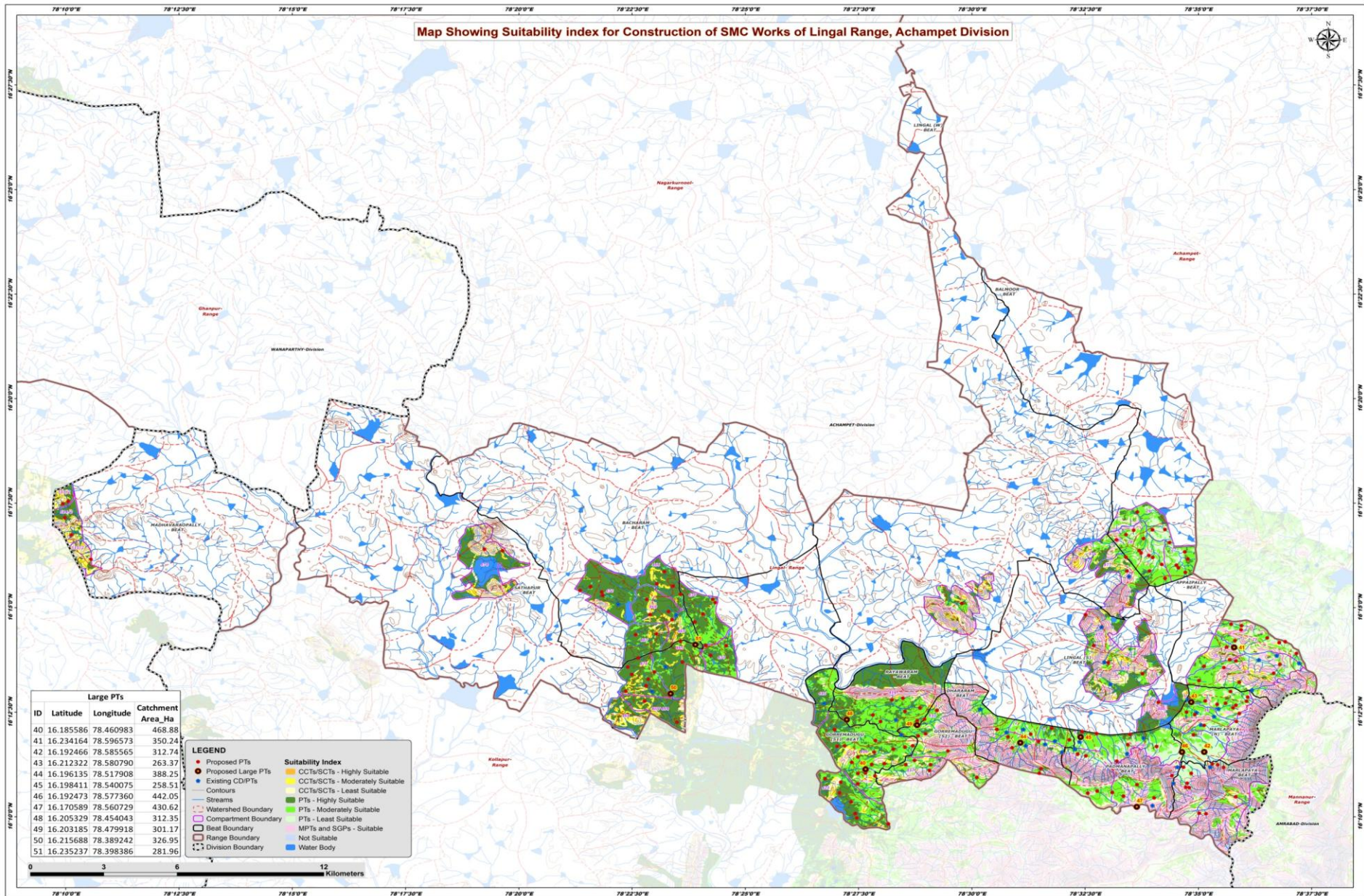
Map Showing Lingal Range in Achampet Division



Legend

- Division Boundary
- Range Boundary

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



Large PTs

ID	Latitude	Longitude	Catchment Area_Ha
40	16.185586	78.460983	468.88
41	16.234164	78.596573	350.24
42	16.192466	78.585565	312.74
43	16.212322	78.580790	263.37
44	16.196135	78.517908	388.25
45	16.198411	78.540075	258.51
46	16.192473	78.577360	442.05
47	16.170589	78.560729	430.62
48	16.205329	78.454043	312.35
49	16.203185	78.479918	301.17
50	16.215688	78.389242	326.95
51	16.235237	78.398386	281.96

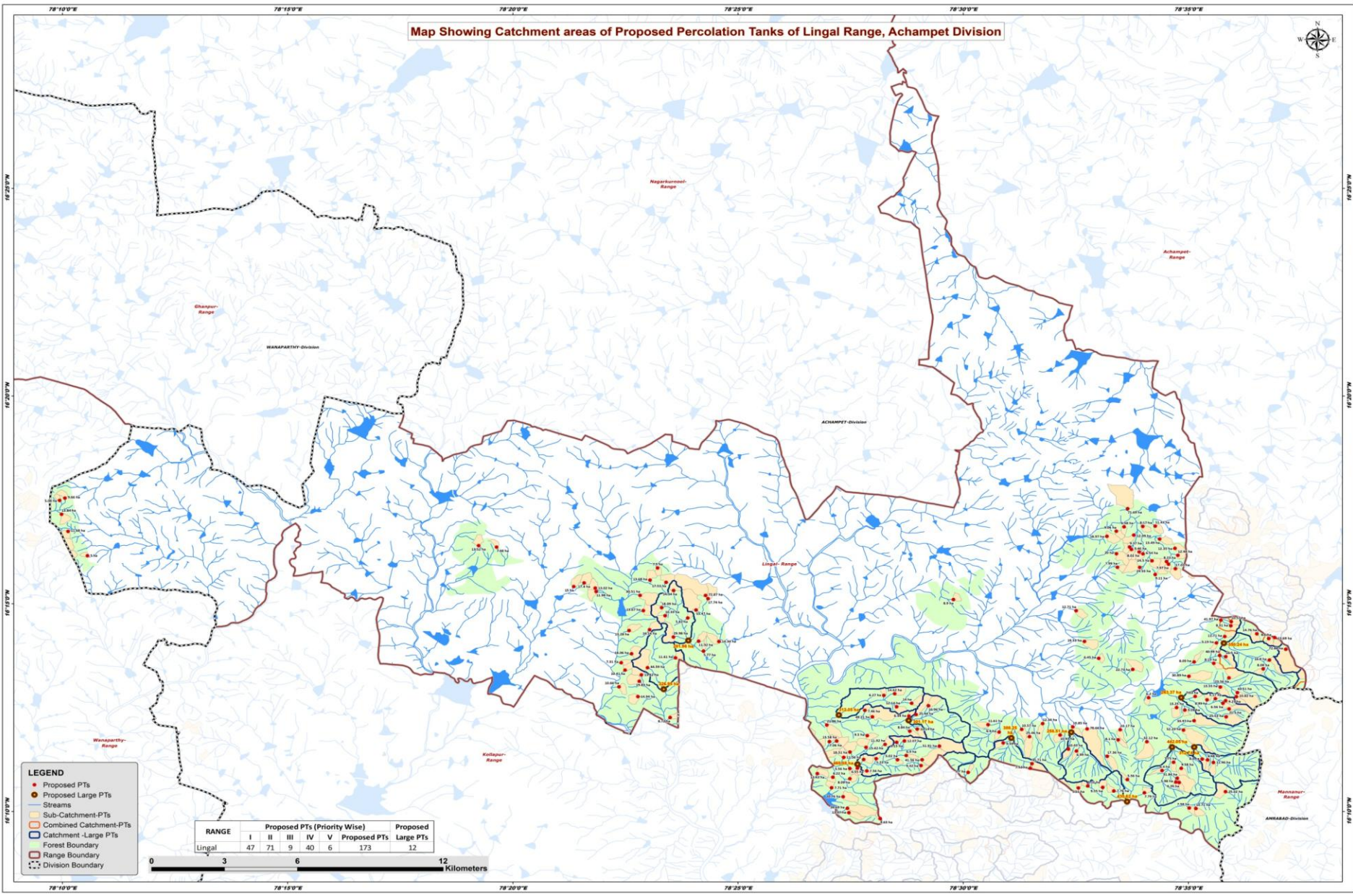
LEGEND

● Proposed PTs	● CCTs/SCTs - Highly Suitable
● Proposed Large PTs	● CCTs/SCTs - Moderately Suitable
● Existing CD/PTs	● CCTs/SCTs - Least Suitable
— Contours	■ PTs - Highly Suitable
— Streams	■ PTs - Moderately Suitable
- - - Watershed Boundary	■ PTs - Least Suitable
— Compartment Boundary	■ MPTs and SGPs - Suitable
— Beat Boundary	■ Not Suitable
— Range Boundary	■ Water Body
- - - Division Boundary	



78°10'W 78°12'30"W 78°15'W 78°17'30"E 78°20'W 78°22'30"E 78°25'W 78°27'30"E 78°30'W 78°32'30"E 78°35'W 78°37'30"E

Map Showing Catchment areas of Proposed Percolation Tanks of Lingal Range, Achampet 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	
Lingal	47	71	9	40	6	173

0 3 6 12 Kilometers

Beat wise Abstract of Proposed PT's – Lingal Range

S. No.	Beat	Proposed PT's
1	APPAIPALLY	17
2	BACHARAM	15
3	BALMOOR	20
4	DHARARAM	9
5	GORREMADUGU S-I	22
6	GORREMADUGU S-II	11
7	LINGAL (S)	5
8	LINGAL (W)	3
9	MADHAVARAOPALLY	5
10	MARLAPAYA	11
11	MARLAPAYA (N)	14
12	PADMANAPALLY	15
13	RAYAWARAM	7
14	SATHAPUR	19
	Total	173

List of Proposed PTs – Lingal 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
502	16.172572	78.455653	20.76	I	GORREMADUGU S-I	542	16.220902	78.583619	30.89	III	APPAIPALLY	582	16.179992	78.579307	31.84	V	MARLAPAYA
503	16.194656	78.450585	7.06	I	GORREMADUGU S-I	543	16.236465	78.615346	13.69	IV	APPAIPALLY	583	16.211461	78.590335	8.99	II	MARLAPAYA (N)
504	16.194931	78.453265	13.58	I	GORREMADUGU S-I	544	16.223860	78.611120	8.08	IV	APPAIPALLY	584	16.212714	78.601155	10.82	II	MARLAPAYA (N)
505	16.163793	78.469359	9.63	I	GORREMADUGU S-I	545	16.231747	78.619469	72.88	IV	APPAIPALLY	585	16.207357	78.582091	5.28	II	MARLAPAYA (N)
506	16.187832	78.467886	5.23	I	GORREMADUGU S-I	546	16.241177	78.599128	8.31	IV	APPAIPALLY	586	16.208353	78.579073	13.25	II	MARLAPAYA (N)
507	16.176151	78.451393	7.71	I	GORREMADUGU S-I	547	16.226074	78.592786	8.19	IV	APPAIPALLY	587	16.210069	78.596214	6.56	II	MARLAPAYA (N)
508	16.166167	78.457759	13.97	I	GORREMADUGU S-I	548	16.234275	78.593823	5.19	IV	APPAIPALLY	588	16.211083	78.597200	9.23	II	MARLAPAYA (N)
509	16.181823	78.446082	12.43	I	GORREMADUGU S-I	549	16.236046	78.613145	8.60	IV	APPAIPALLY	589	16.211896	78.593411	5.17	II	MARLAPAYA (N)
510	16.179805	78.458121	8.09	II	GORREMADUGU S-I	550	16.243411	78.595456	41.97	V	APPAIPALLY	590	16.203066	78.585525	33.97	III	MARLAPAYA (N)
511	16.188376	78.455840	11.56	II	GORREMADUGU S-I	551	16.229262	78.595022	40.99	V	APPAIPALLY	591	16.212805	78.585937	7.33	IV	MARLAPAYA (N)
512	16.197077	78.464559	9.50	II	GORREMADUGU S-I	552	16.277555	78.563214	12.09	II	BALMOOR	592	16.207802	78.598464	21.50	IV	MARLAPAYA (N)
513	16.192374	78.464134	15.42	II	GORREMADUGU S-I	553	16.279081	78.556734	9.06	II	BALMOOR	593	16.216578	78.595242	13.55	IV	MARLAPAYA (N)
514	16.194399	78.475455	9.15	II	GORREMADUGU S-I	554	16.269415	78.579517	12.48	II	BALMOOR	594	16.199305	78.581624	52.29	IV	MARLAPAYA (N)
515	16.190459	78.458190	18.31	II	GORREMADUGU S-I	555	16.264053	78.578602	17.01	II	BALMOOR	595	16.214349	78.601570	43.51	V	MARLAPAYA (N)
516	16.183879	78.458114	5.56	II	GORREMADUGU S-I	556	16.272732	78.561670	9.37	II	BALMOOR	596	16.204633	78.597394	25.53	V	MARLAPAYA (N)
517	16.187501	78.463246	13.10	II	GORREMADUGU S-I	557	16.261714	78.571135	9.11	II	BALMOOR	597	16.201926	78.529495	12.34	I	DHARARAM
518	16.180412	78.451840	6.22	II	GORREMADUGU S-I	558	16.264587	78.565408	24.33	II	BALMOOR	598	16.199579	78.521741	10.57	II	DHARARAM
519	16.167936	78.457214	39.69	II	GORREMADUGU S-I	559	16.265870	78.576055	7.97	II	BALMOOR	599	16.185831	78.525545	35.71	II	DHARARAM
520	16.201339	78.449620	21.86	II	GORREMADUGU S-I	560	16.266938	78.575336	8.23	IV	BALMOOR	600	16.201455	78.509281	11.61	II	DHARARAM
521	16.194945	78.478320	12.07	II	GORREMADUGU S-I	561	16.272228	78.578448	12.35	IV	BALMOOR	601	16.197313	78.535952	10.43	II	DHARARAM
522	16.193564	78.471174	11.92	II	GORREMADUGU S-I	562	16.277079	78.553265	18.97	IV	BALMOOR	602	16.198513	78.513366	6.40	II	DHARARAM
523	16.184039	78.460920	6.55	II	GORREMADUGU S-I	563	16.271779	78.562357	9.46	IV	BALMOOR	603	16.196674	78.524628	25.46	III	DHARARAM
524	16.187408	78.475758	5.02	II	GORREMADUGU S-II	564	16.281001	78.566548	8.17	IV	BALMOOR	604	16.194164	78.514885	9.59	IV	DHARARAM
525	16.198872	78.480305	8.84	II	GORREMADUGU S-II	565	16.267222	78.569960	14.50	IV	BALMOOR	605	16.183988	78.524878	7.52	IV	DHARARAM
526	16.185076	78.484482	9.32	II	GORREMADUGU S-II	566	16.281141	78.571127	11.43	IV	BALMOOR	606	16.247188	78.541864	12.71	I	LINGAL (S)
527	16.189135	78.478995	6.90	II	GORREMADUGU S-II	567	16.270773	78.565233	8.02	IV	BALMOOR	607	16.234902	78.544936	19.53	II	LINGAL (S)
528	16.182908	78.464387	7.56	II	GORREMADUGU S-II	568	16.270028	78.566604	6.54	IV	BALMOOR	608	16.228102	78.550247	6.45	II	LINGAL (S)
529	16.182326	78.501916	5.70	II	GORREMADUGU S-II	569	16.280840	78.559645	6.58	IV	BALMOOR	609	16.223670	78.562819	22.73	II	LINGAL (S)
530	16.199701	78.483073	10.14	II	GORREMADUGU S-II	570	16.275924	78.572768	13.49	IV	BALMOOR	610	16.212318	78.568689	6.20	II	LINGAL (S)
531	16.205532	78.482654	25.44	II	GORREMADUGU S-II	571	16.288129	78.560939	71.69	IV	BALMOOR	611	16.251676	78.496481	8.90	I	LINGAL (W)
532	16.209053	78.487238	16.96	II	GORREMADUGU S-II	572	16.183949	78.580763	9.58	II	MARLAPAYA	612	16.264627	78.557167	7.99	II	LINGAL (W)
533	16.187399	78.484872	41.56	III	GORREMADUGU S-II	573	16.187690	78.588537	8.40	II	MARLAPAYA	613	16.270085	78.556789	20.00	II	LINGAL (W)
534	16.192857	78.491289	51.91	IV	GORREMADUGU S-II	574	16.174596	78.597172	25.02	III	MARLAPAYA	614	16.199477	78.558207	10.17	I	PADMANAPALLY
535	16.228776	78.597237	16.50	II	APPAIPALLY	575	16.178299	78.580029	6.26	IV	MARLAPAYA	615	16.200592	78.540620	10.85	I	PADMANAPALLY
536	16.226670	78.585526	8.09	II	APPAIPALLY	576	16.168058	78.583738	7.58	IV	MARLAPAYA	616	16.195375	78.557434	8.10	II	PADMANAPALLY
537	16.236832	78.596877	11.71	II	APPAIPALLY	577	16.187368	78.590546	6.48	IV	MARLAPAYA	617	16.176308	78.551697	9.55	II	PADMANAPALLY
538	16.220273	78.598436	23.56	II	APPAIPALLY	578	16.167835	78.586223	10.71	IV	MARLAPAYA	618	16.176095	78.542736	5.21	II	PADMANAPALLY
539	16.242790	78.599294	10.57	II	APPAIPALLY	579	16.186405	78.577928	7.75	IV	MARLAPAYA	619	16.179451	78.560827	5.56	II	PADMANAPALLY
540	16.227399	78.613396	16.80	II	APPAIPALLY	580	16.186334	78.592703	11.46	IV	MARLAPAYA	620	16.174167	78.567126	7.79	II	PADMANAPALLY
541	16.237913	78.608750	14.76	II	APPAIPALLY	581	16.178433	78.578768	5.98	IV	MARLAPAYA	621	16.174897	78.555831	7.76	II	PADMANAPALLY

List of Proposed PTs – Lingal Range

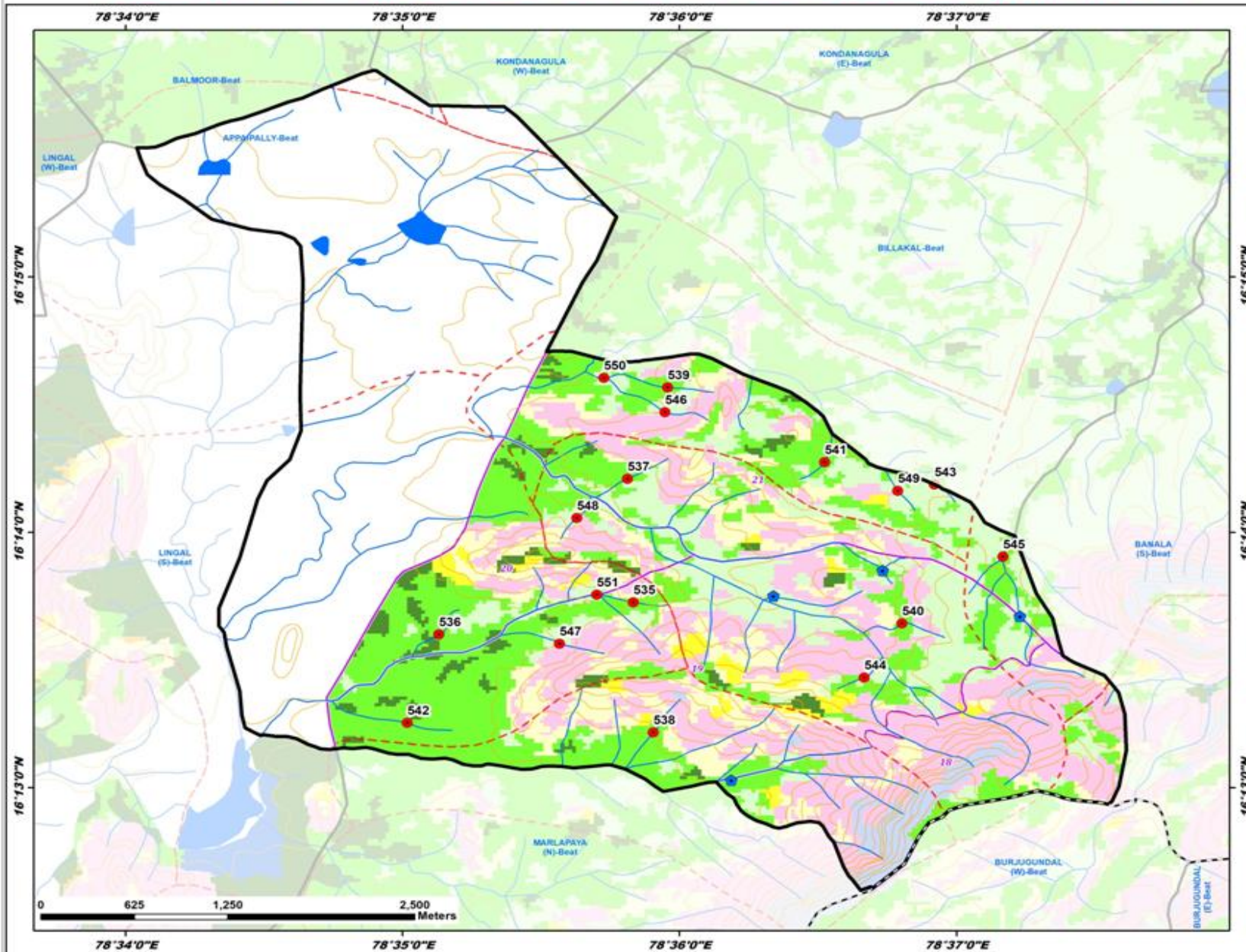
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
622	16.199797	78.545948	78.66	III	PADMANAPALLY
623	16.183073	78.573699	6.40	IV	PADMANAPALLY
624	16.191668	78.539007	10.43	IV	PADMANAPALLY
625	16.176890	78.546198	6.11	IV	PADMANAPALLY
626	16.188815	78.553409	17.36	IV	PADMANAPALLY
627	16.190900	78.542003	6.99	IV	PADMANAPALLY
628	16.194643	78.568056	32.12	V	PADMANAPALLY
629	16.207212	78.463695	7.46	I	RAYAWARAM
630	16.204948	78.480001	6.34	I	RAYAWARAM
631	16.210079	78.480988	14.00	II	RAYAWARAM
632	16.213886	78.474715	14.62	II	RAYAWARAM
633	16.213228	78.470722	6.27	II	RAYAWARAM
634	16.208646	78.475423	12.14	II	RAYAWARAM
635	16.204627	78.466470	49.21	III	RAYAWARAM
636	16.258592	78.390130	17.53	I	BACHARAM
637	16.256267	78.363922	13.02	I	BACHARAM
638	16.259482	78.384159	13.68	I	BACHARAM
639	16.255303	78.392893	14.34	I	BACHARAM
640	16.254866	78.364261	11.98	I	BACHARAM
641	16.245185	78.389788	10.33	I	BACHARAM
642	16.248446	78.388498	18.09	I	BACHARAM
643	16.247247	78.381680	13.67	I	BACHARAM
644	16.258367	78.359786	17.40	I	BACHARAM
645	16.239245	78.376414	13.28	I	BACHARAM
646	16.239547	78.384033	16.16	I	BACHARAM
647	16.264368	78.386966	7.50	I	BACHARAM
648	16.256882	78.355943	15.00	I	BACHARAM
649	16.236631	78.392843	29.98	II	BACHARAM
650	16.253344	78.380516	30.51	III	BACHARAM
651	16.272709	78.327376	7.48	I	SATHAPUR
652	16.221468	78.380985	13.42	I	SATHAPUR
653	16.230981	78.403967	5.77	I	SATHAPUR
654	16.223392	78.374923	10.41	I	SATHAPUR
655	16.234954	78.402156	11.32	I	SATHAPUR
656	16.212733	78.379684	14.94	I	SATHAPUR
657	16.228310	78.393593	11.61	I	SATHAPUR
658	16.229922	78.377333	18.06	I	SATHAPUR
659	16.204350	78.391608	8.72	I	SATHAPUR
660	16.244286	78.398134	5.81	I	SATHAPUR
661	16.218900	78.380214	19.83	I	SATHAPUR

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
662	16.226323	78.373516	7.31	I	SATHAPUR
663	16.273298	78.320756	13.52	I	SATHAPUR
664	16.216648	78.372685	10.66	I	SATHAPUR
665	16.234855	78.409669	14.34	II	SATHAPUR
666	16.252048	78.405661	17.74	II	SATHAPUR
667	16.224341	78.383261	44.59	III	SATHAPUR
668	16.253314	78.404716	72.87	IV	SATHAPUR
669	16.247464	78.401223	53.47	IV	SATHAPUR
670	16.285887	78.166398	13.84	I	MADHAVARAOPALLY
671	16.279032	78.168776	11.68	I	MADHAVARAOPALLY
672	16.292361	78.167646	9.66	I	MADHAVARAOPALLY
673	16.291435	78.165654	5.08	I	MADHAVARAOPALLY
674	16.269270	78.175980	5.00	I	MADHAVARAOPALLY

Map Showing Suitability Index for Construction of SMC Works of Appaipally Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
535	16.228776	78.597237	16.50	II
536	16.226670	78.585526	8.09	II
537	16.236832	78.596877	11.71	II
538	16.220273	78.598436	23.56	II
539	16.242790	78.599294	10.57	II
540	16.227399	78.613396	16.80	II
541	16.237913	78.608750	14.76	II
542	16.220902	78.583619	30.89	III
543	16.236465	78.615346	13.69	IV
544	16.223860	78.611120	8.08	IV
545	16.231747	78.619469	72.88	IV
546	16.241177	78.599128	8.31	IV
547	16.226074	78.592786	8.19	IV
548	16.234275	78.593823	5.19	IV
549	16.236046	78.613145	8.60	IV
550	16.243411	78.595456	41.97	V
551	16.229262	78.595022	40.99	V

LEGEND

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

Suitability Index

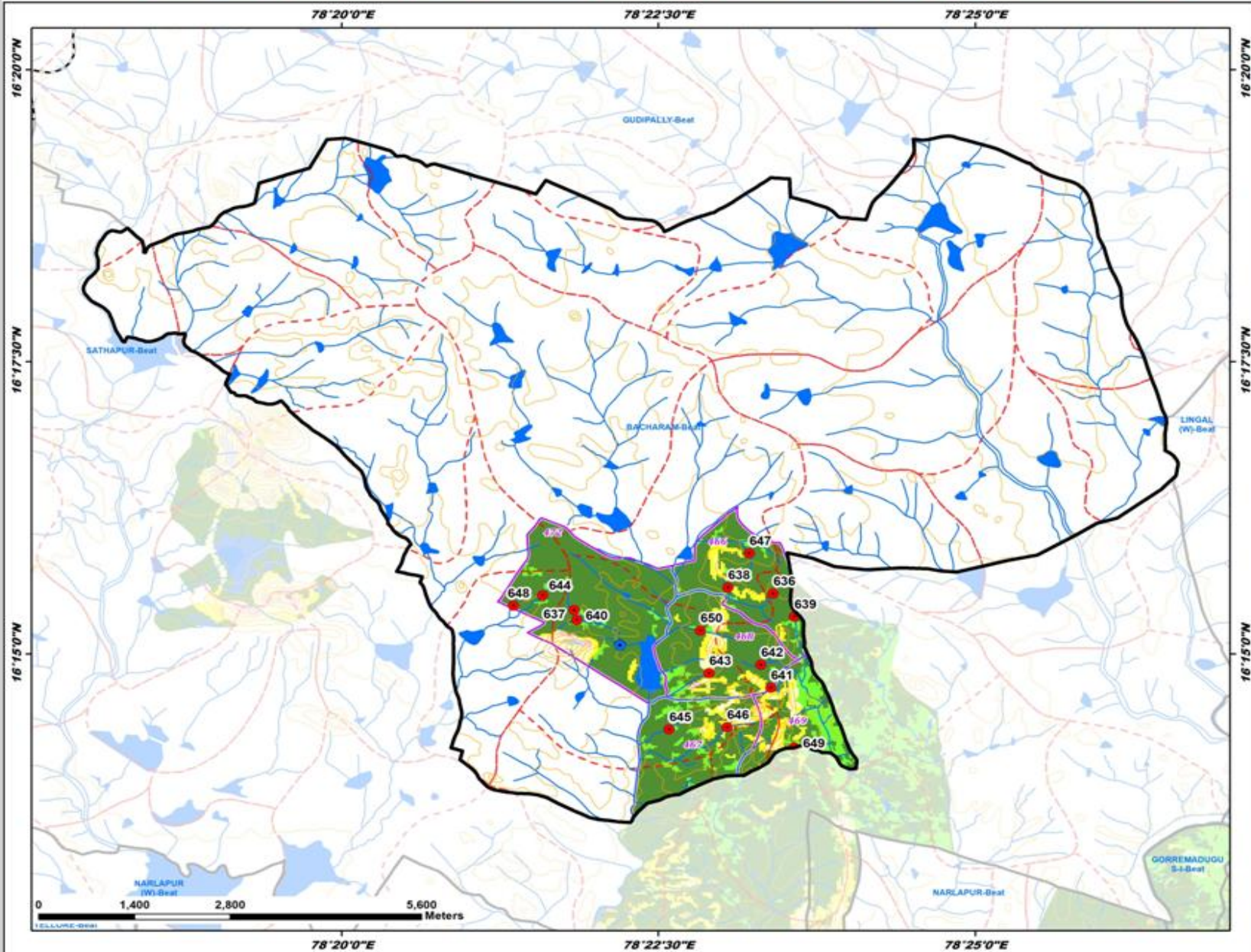
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Bacharam Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
636	16.258592	78.390130	17.53	I
637	16.256267	78.363922	13.02	I
638	16.259482	78.384159	13.68	I
639	16.255303	78.392893	14.34	I
640	16.254866	78.364261	11.98	I
641	16.245185	78.389788	10.33	I
642	16.248446	78.388498	18.09	I
643	16.247247	78.381680	13.67	I
644	16.258367	78.359786	17.40	I
645	16.239245	78.376414	13.28	I
646	16.239547	78.388033	16.16	I
647	16.264368	78.388966	7.50	I
648	16.256882	78.355943	15.00	I
649	16.236631	78.392843	29.98	II
650	16.253344	78.380516	30.51	III

LEGEND

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

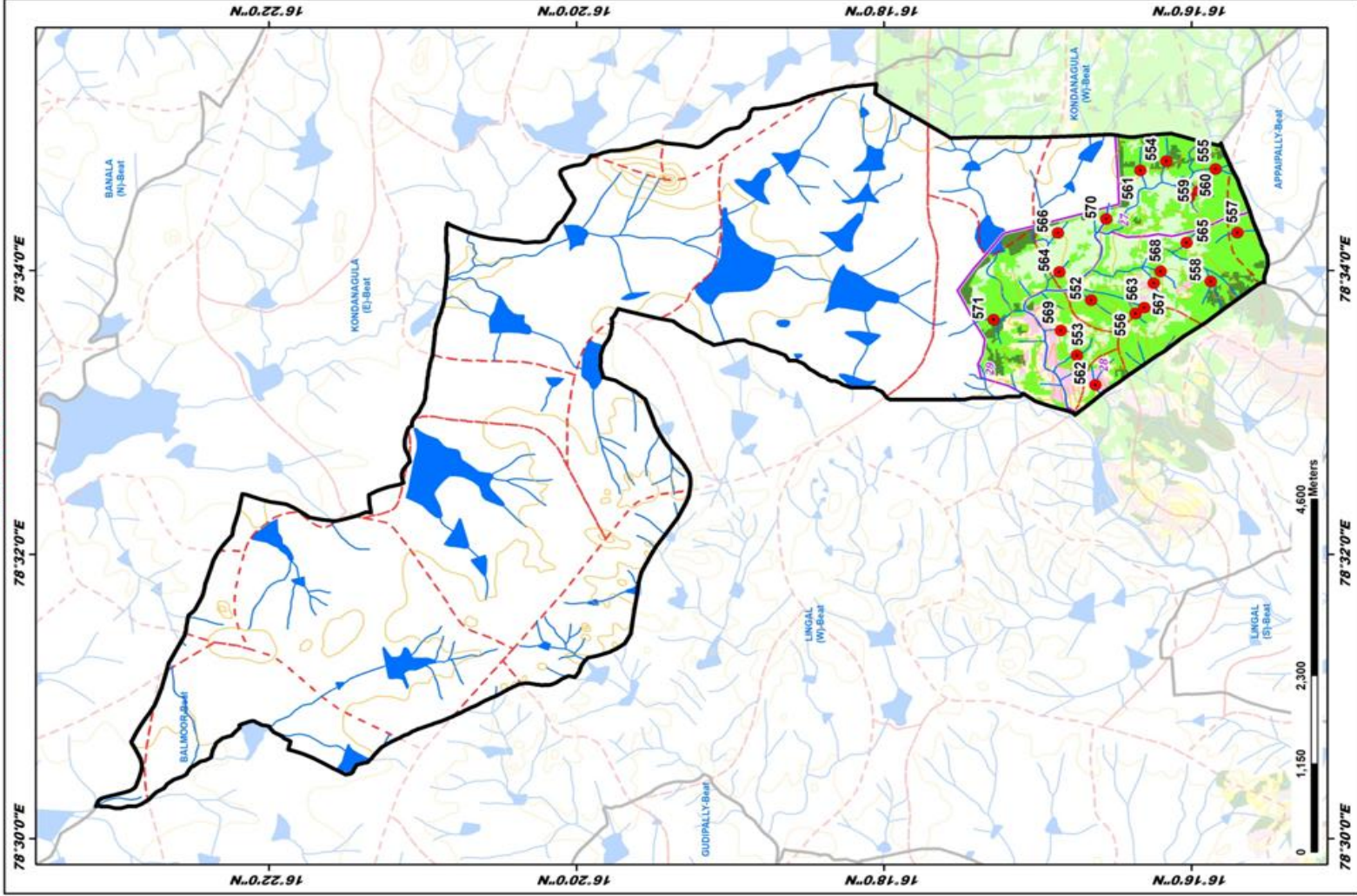
Suitability Index

- 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 Balmour Beat



Division : Achampet
Range : Lingal

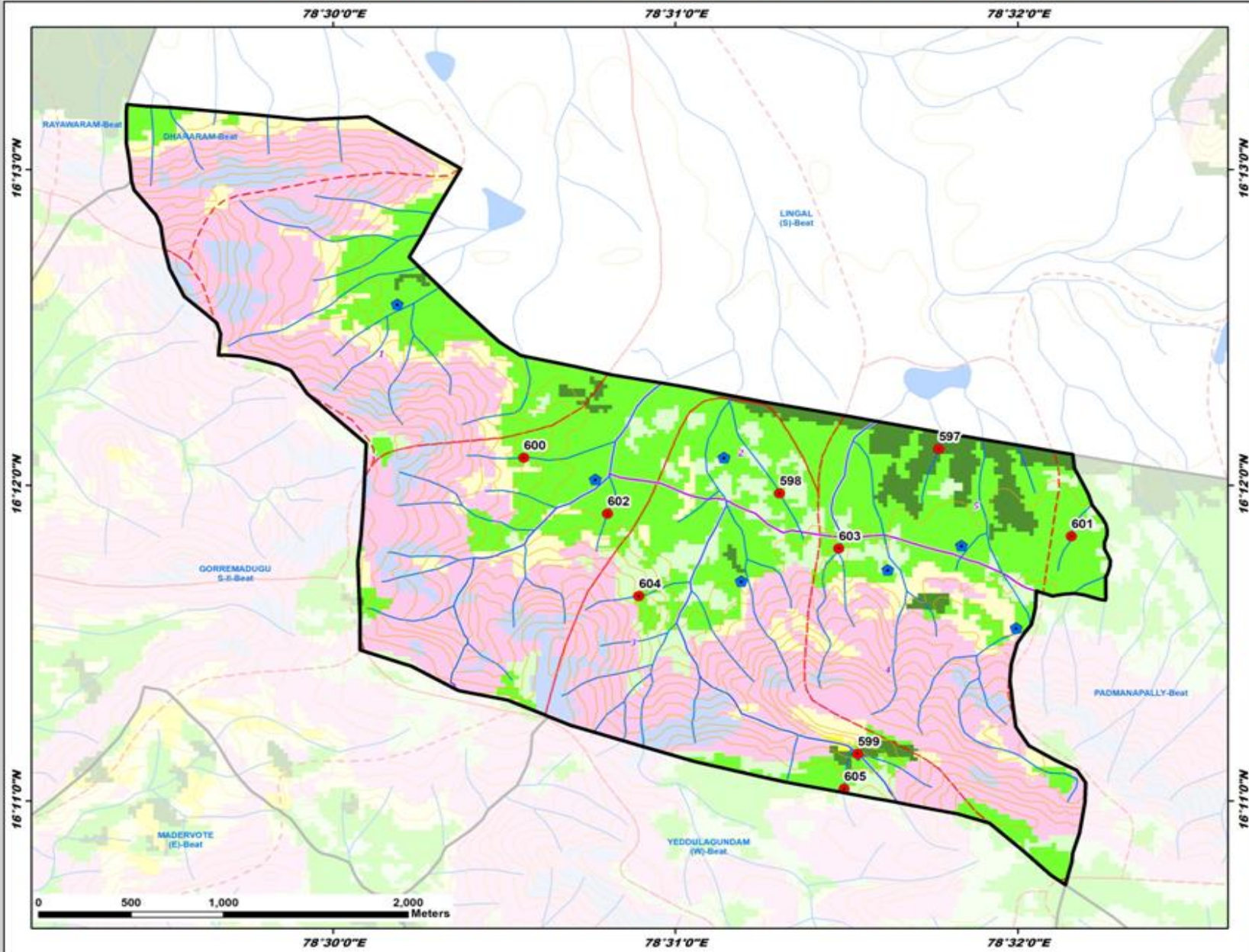


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
552	16.277555	78.563214	12.09	II
553	16.279081	78.556734	9.06	II
554	16.269415	78.579517	12.48	II
555	16.264053	78.579602	17.01	II
556	16.277732	78.561670	9.37	II
557	16.267714	78.571135	9.11	II
558	16.264587	78.565408	24.33	II
559	16.265870	78.576055	7.97	II
560	16.266938	78.575386	8.23	IV
561	16.272228	78.579448	12.35	IV
562	16.277079	78.553205	18.97	IV
563	16.277779	78.562357	9.46	IV
564	16.281001	78.566548	8.17	IV
565	16.267222	78.569960	14.50	IV
566	16.281141	78.571127	11.43	IV
567	16.270773	78.565233	8.02	IV
568	16.270028	78.566604	6.54	IV
569	16.280840	78.559645	6.58	IV
570	16.275924	78.572768	13.49	IV
571	16.288129	78.560939	71.69	IV

LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Dhararam Beat



Division : Achampet
Range : Lingal

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
597	16.201926	78.525495	12.34	I
598	16.199579	78.521741	10.57	II
599	16.185831	78.525545	35.71	II
600	16.201455	78.509281	11.61	II
601	16.197313	78.535952	10.43	II
602	16.198513	78.513366	6.40	II
603	16.196474	78.524628	25.46	III
604	16.194164	78.514885	9.59	IV
605	16.183988	78.524878	7.52	IV

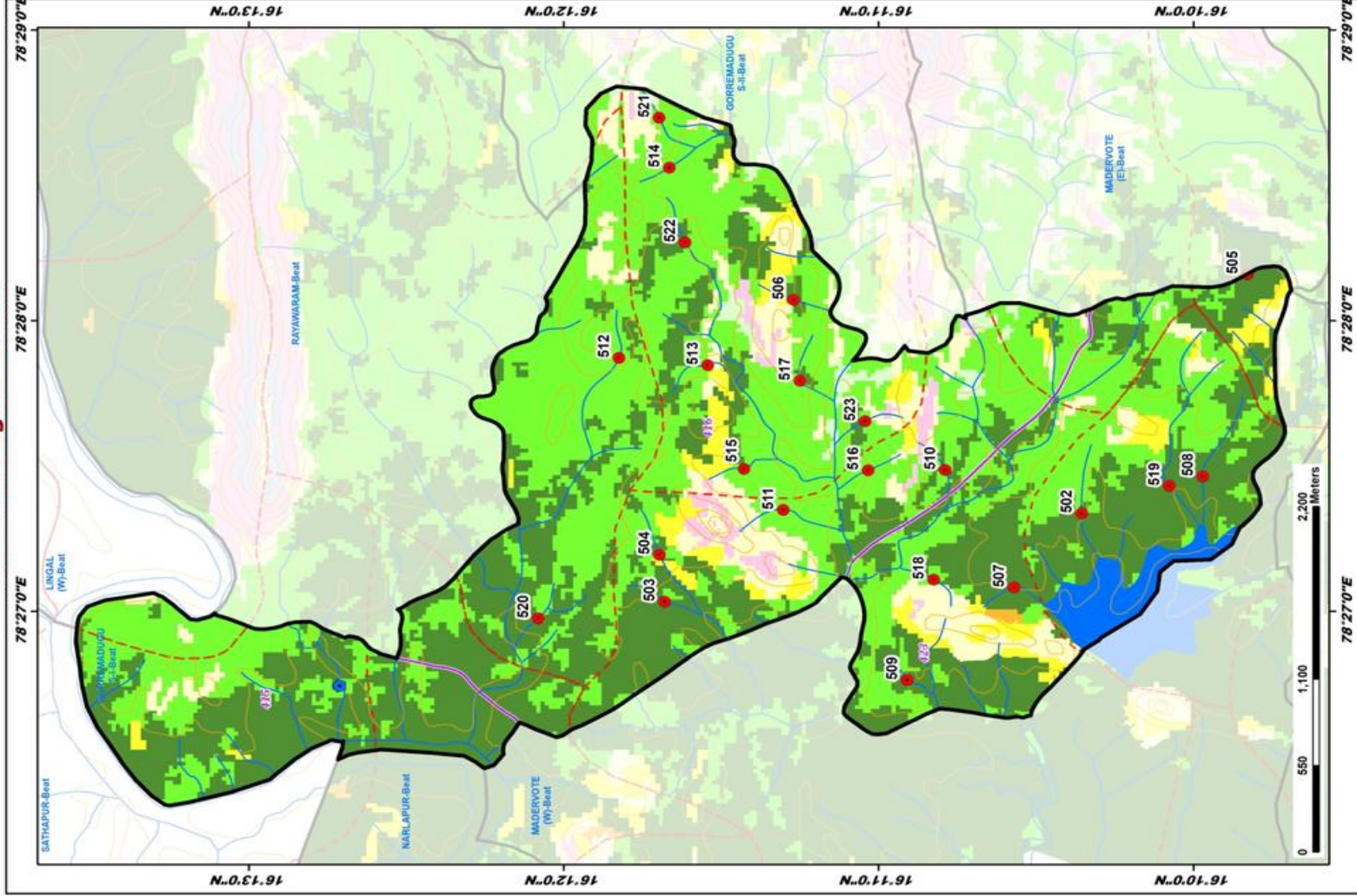
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Gorremadugu S-I Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
502	16.172572	78.455653	20.76	I
503	16.194656	78.450585	7.06	I
504	16.194931	78.453265	13.58	I
505	16.163793	78.469359	9.63	I
506	16.187832	78.467886	5.23	I
507	16.176151	78.451393	7.71	I
508	16.166167	78.457759	13.97	I
509	16.183823	78.446082	12.43	I
510	16.179805	78.458121	8.09	II
511	16.188376	78.455940	11.96	II
512	16.197077	78.464559	9.50	II
513	16.192374	78.464134	15.42	II
514	16.194399	78.475455	9.15	II
515	16.190459	78.458190	18.31	II
516	16.183879	78.458114	5.56	II
517	16.187501	78.463246	13.10	II
518	16.180412	78.451940	6.22	II
519	16.167936	78.457214	39.69	II
520	16.201359	78.449620	21.86	II
521	16.199445	78.478320	12.07	II
522	16.195564	78.471174	11.92	II
523	16.184039	78.469200	6.55	II

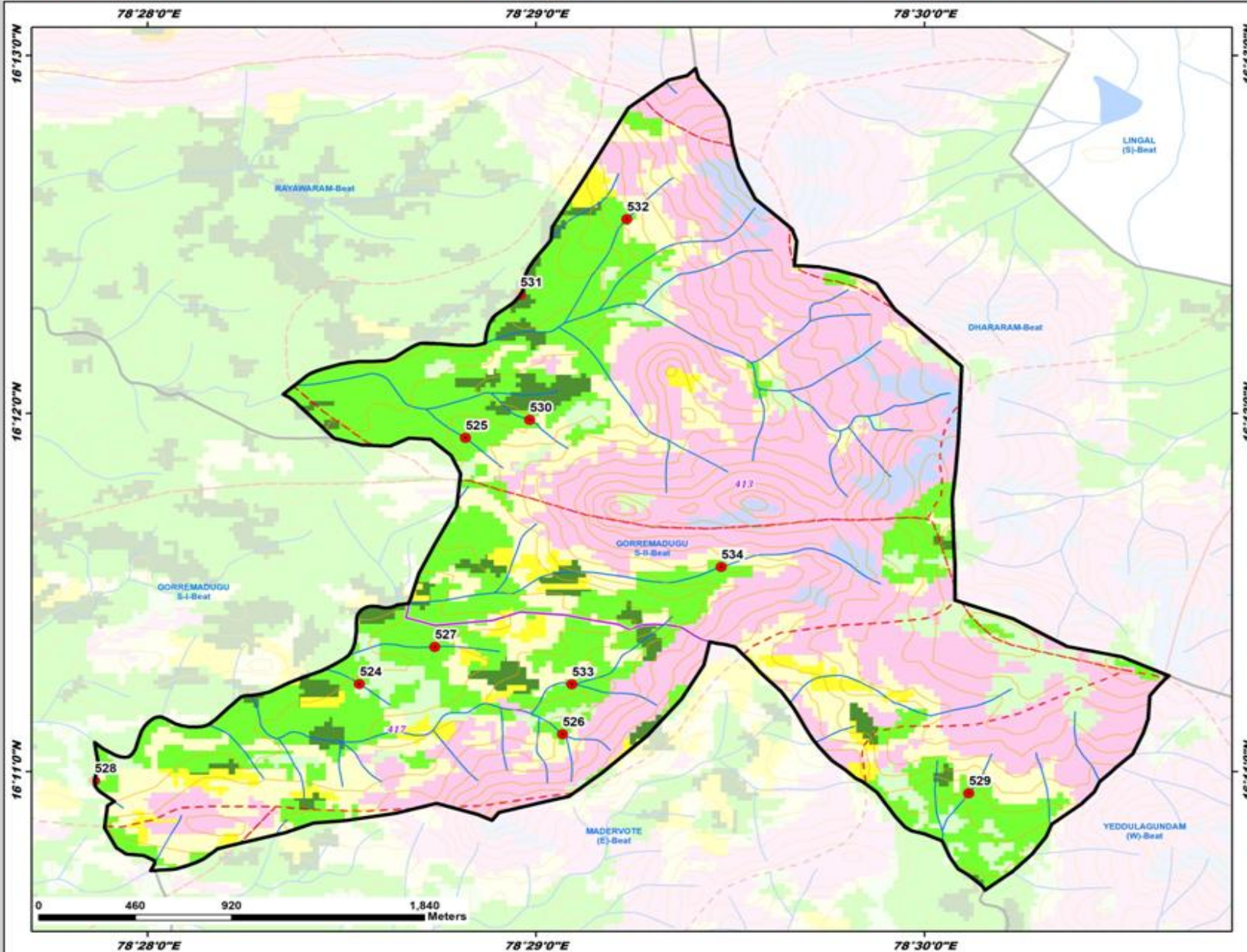
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Gorremadugu S-II Beat



Division : Achampet
Range : Lingal



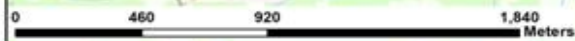
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
524	16.187408	78.475758	5.02	II
525	16.198872	78.480905	8.84	II
526	16.185076	78.484482	9.32	II
527	16.189135	78.478995	6.90	II
528	16.182908	78.464387	7.54	II
529	16.182326	78.501916	3.70	II
530	16.199701	78.483073	10.14	II
531	16.205532	78.482654	25.44	II
532	16.209053	78.487238	16.96	II
533	16.187399	78.484872	41.56	III
534	16.192857	78.491289	51.91	IV

LEGEND

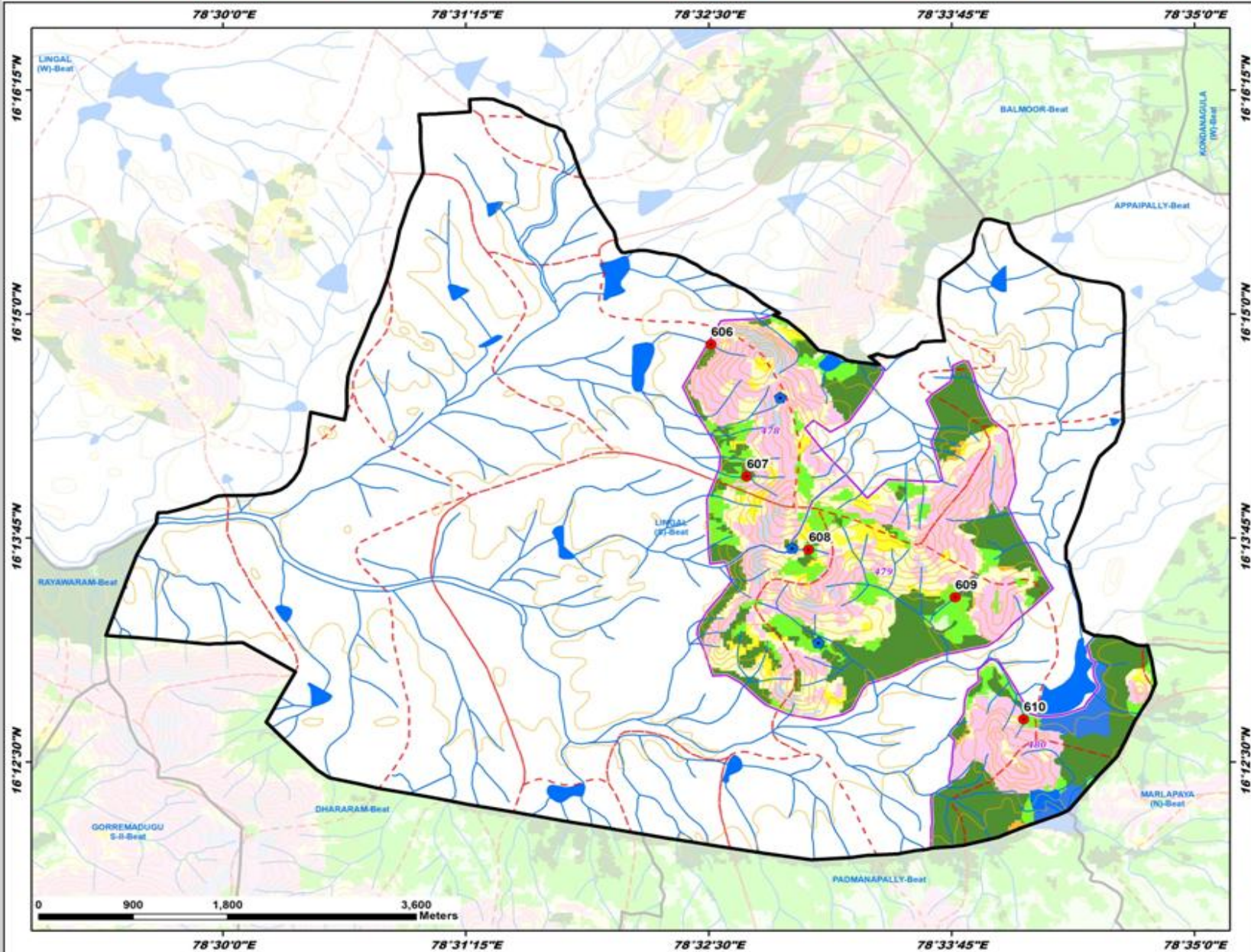
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

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 Lingal South Beat



Division : Achampet
Range : Lingal

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
606	16.247188	78.541864	12.71	I
607	16.234902	78.544936	19.53	II
608	16.228102	78.550247	6.45	II
609	16.223670	78.562819	22.73	II
610	16.212318	78.568689	6.20	II

LEGEND

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

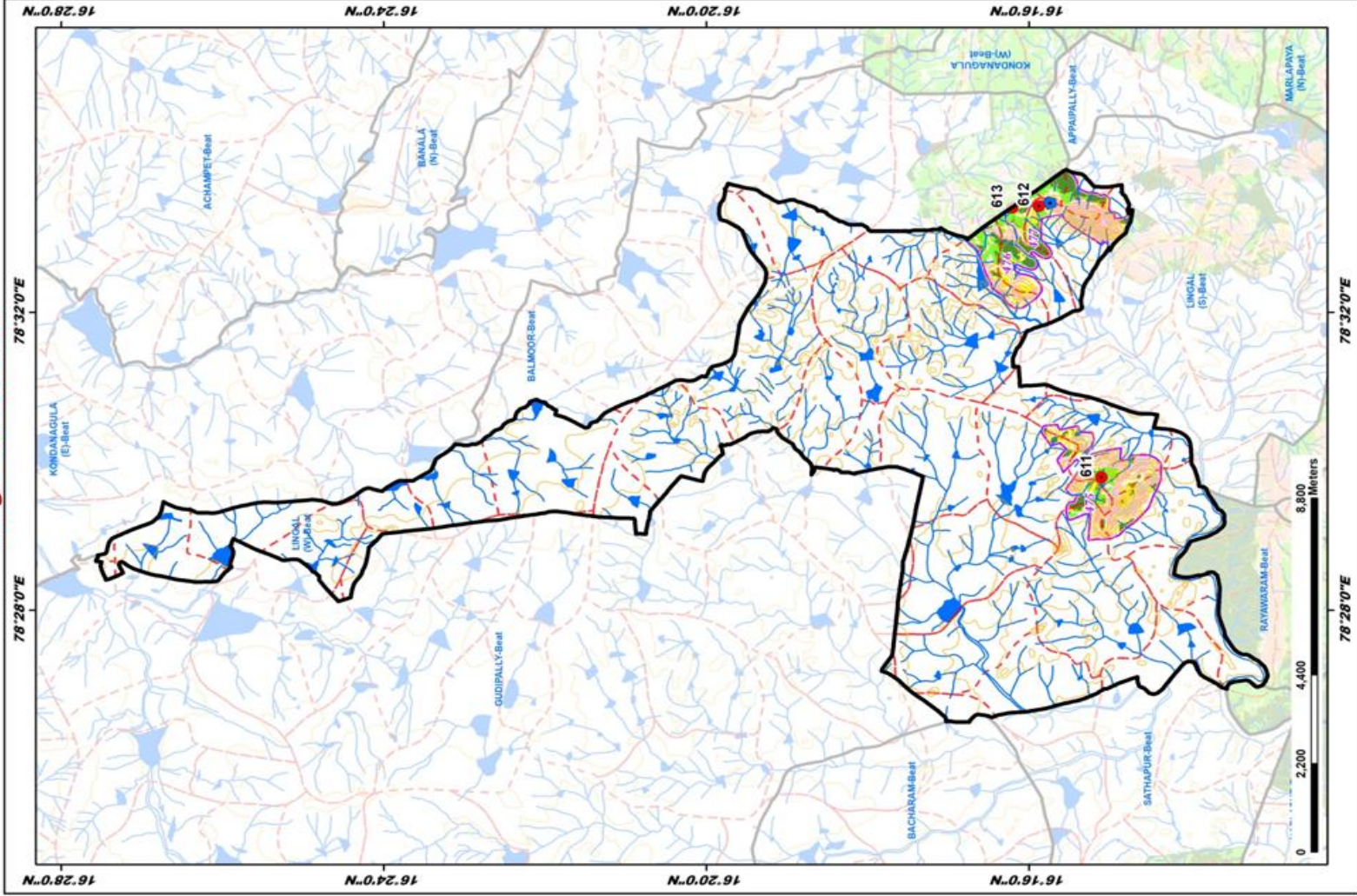
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Lingal West Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
611	16.251676	78.696481	8.90	I
612	16.246627	78.557167	7.99	II
613	16.270085	78.556789	20.00	II

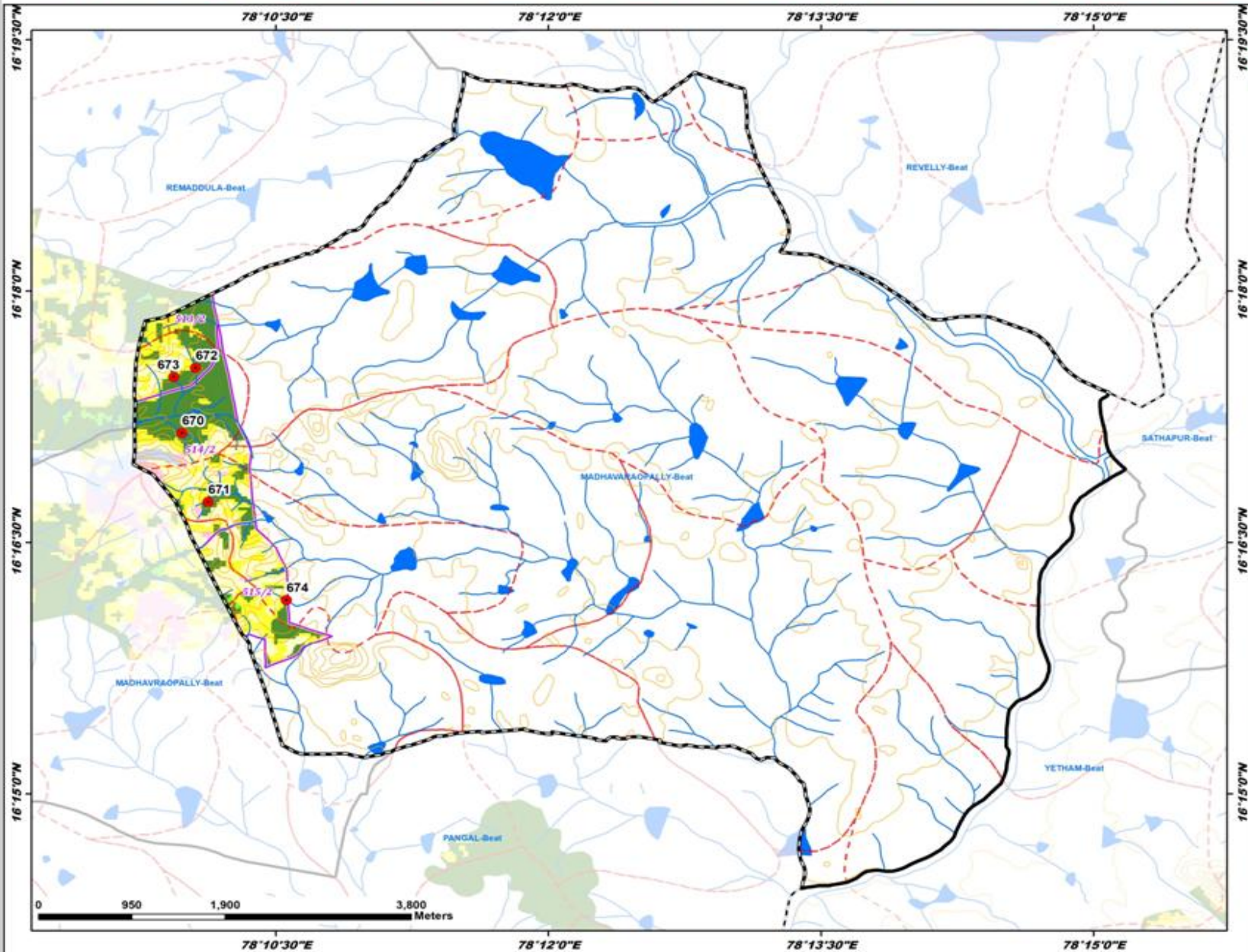
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Madhavaraoopally Beat



Division : Achampet
Range : Lingal



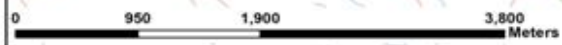
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
670	16.285887	78.166398	13.84	I
671	16.279032	78.168776	11.68	I
672	16.292361	78.167646	9.66	I
673	16.291435	78.165654	5.08	I
674	16.269270	78.175980	5.00	I

LEGEND

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

Suitability Index

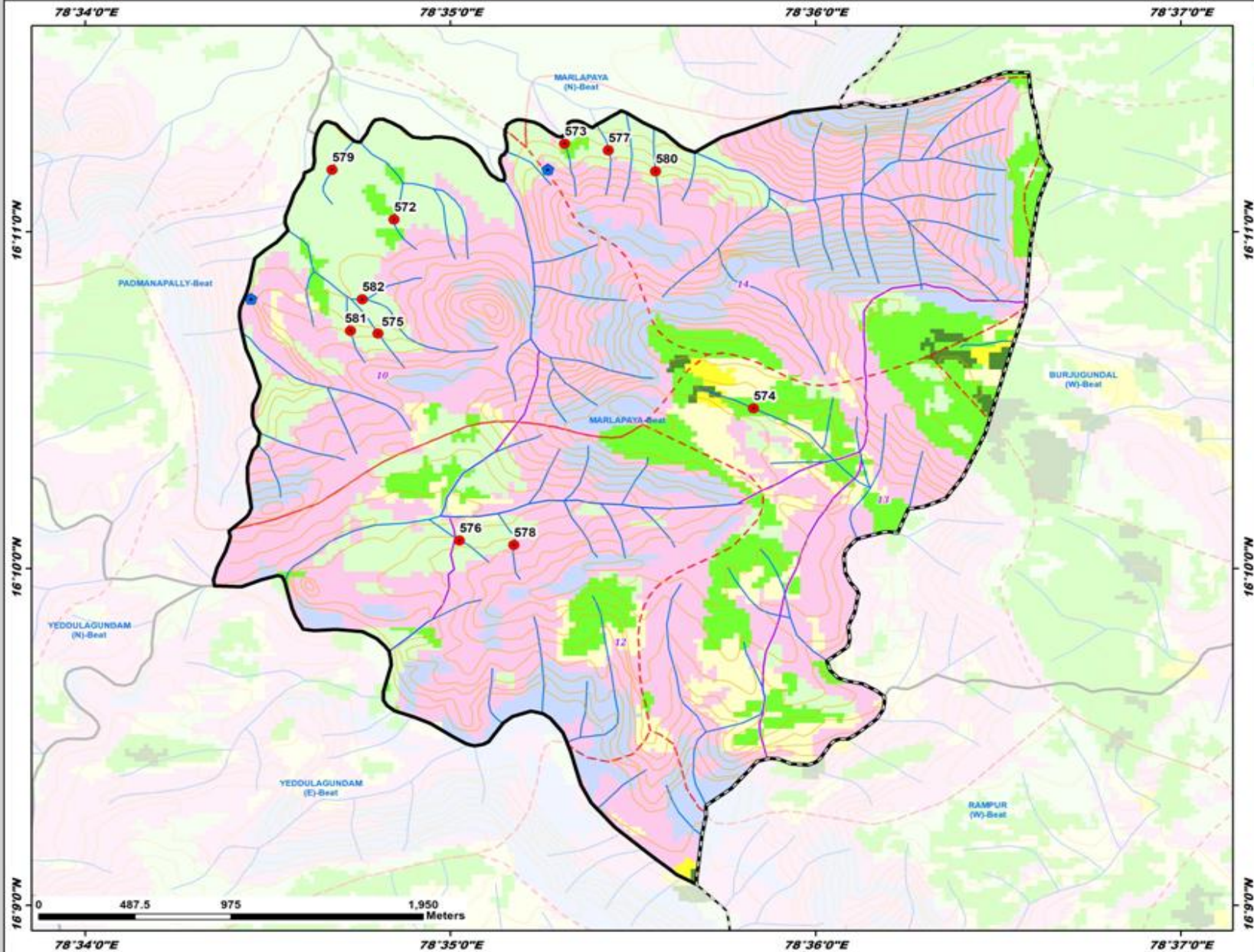
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Marlapaya Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
572	16.183949	78.580763	9.58	II
573	16.187090	78.588537	8.40	II
574	16.174596	78.597172	25.02	III
575	16.178299	78.580029	6.26	IV
576	16.168058	78.583738	7.58	IV
577	16.187368	78.590546	6.48	IV
578	16.167835	78.586223	10.71	IV
579	16.186405	78.577928	7.75	IV
580	16.186334	78.592703	11.46	IV
581	16.178433	78.578768	5.98	IV
582	16.179992	78.579307	31.64	V

LEGEND

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

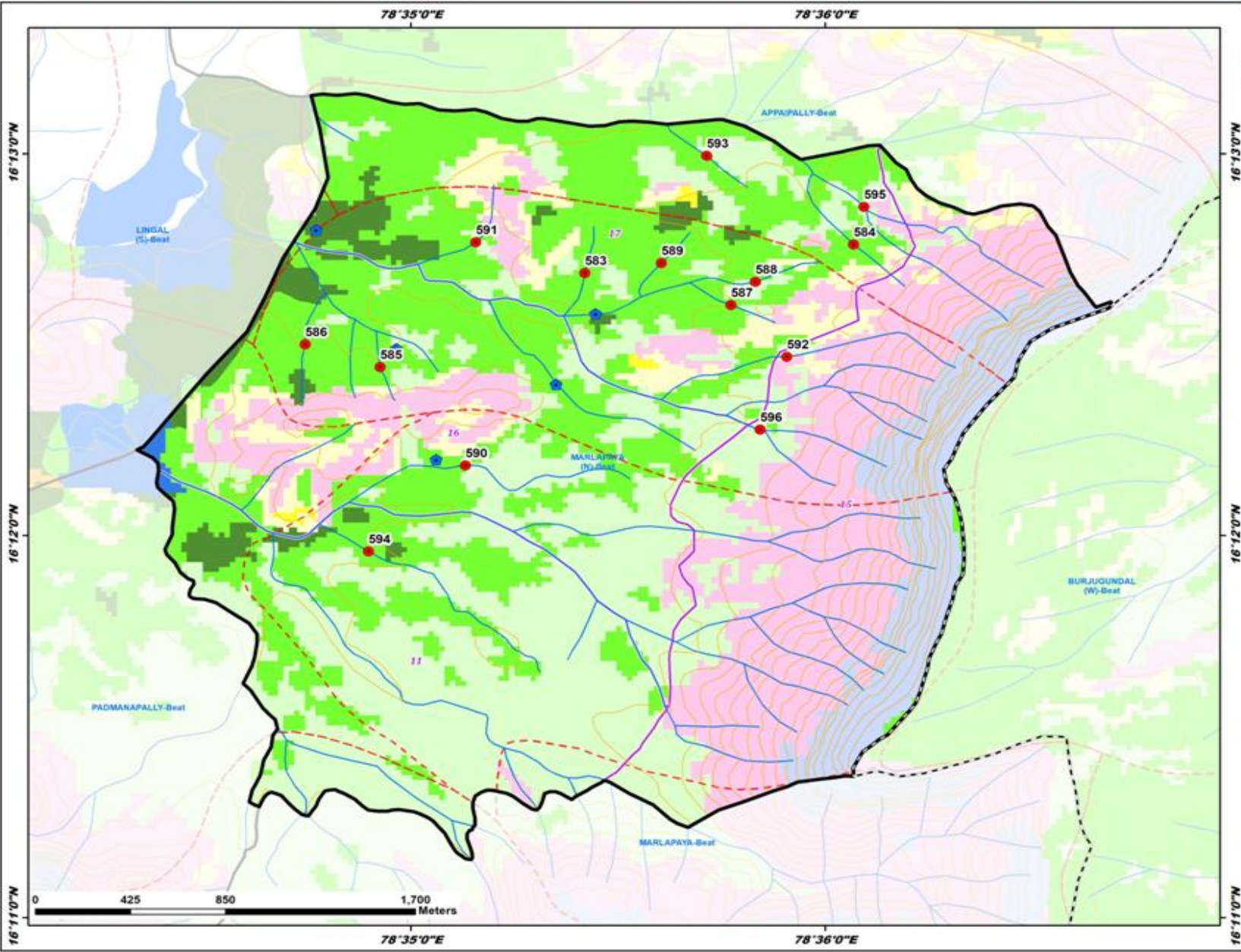
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Marlapaya North Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
583	16.213461	78.590335	8.99	III
584	16.212714	78.601155	30.82	III
585	16.207357	78.582091	5.28	III
586	16.208353	78.579073	13.25	III
587	16.210069	78.596214	6.56	III
588	16.211083	78.597200	9.23	III
589	16.211896	78.593411	5.17	III
590	16.209066	78.585525	33.97	III
591	16.212805	78.589937	7.33	IV
592	16.207802	78.598464	21.50	IV
593	16.216578	78.595242	13.55	IV
594	16.199305	78.581624	52.29	IV
595	16.214349	78.601570	43.51	V
596	16.204633	78.597394	25.53	V

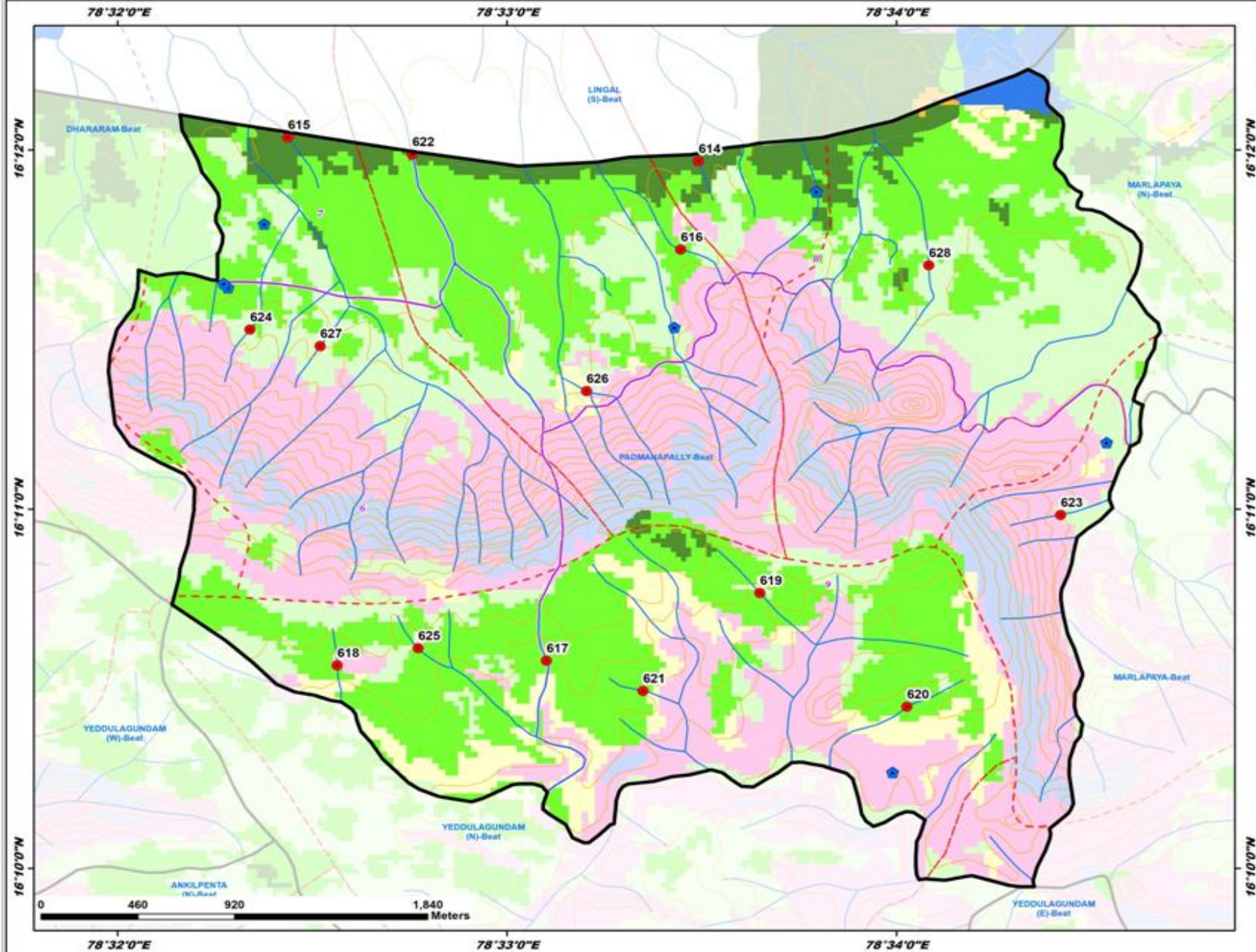
LEGEND

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

Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Padmanapally Beat



Division : Achampet
Range : Lingal

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
614	16.199477	78.558207	10.17	I
615	16.200592	78.540620	10.85	I
616	16.195375	78.557434	8.10	III
617	16.176308	78.551697	9.55	III
618	16.176095	78.542736	5.21	III
619	16.179451	78.560827	5.56	III
620	16.174167	78.567126	7.79	III
621	16.174897	78.555831	7.76	III
622	16.199797	78.545948	78.66	III
623	16.183073	78.573699	6.40	IV
624	16.191668	78.539007	10.43	IV
625	16.176890	78.546198	6.11	IV
626	16.188815	78.553409	17.36	IV
627	16.190900	78.542003	6.99	IV
628	16.194643	78.568056	32.12	V

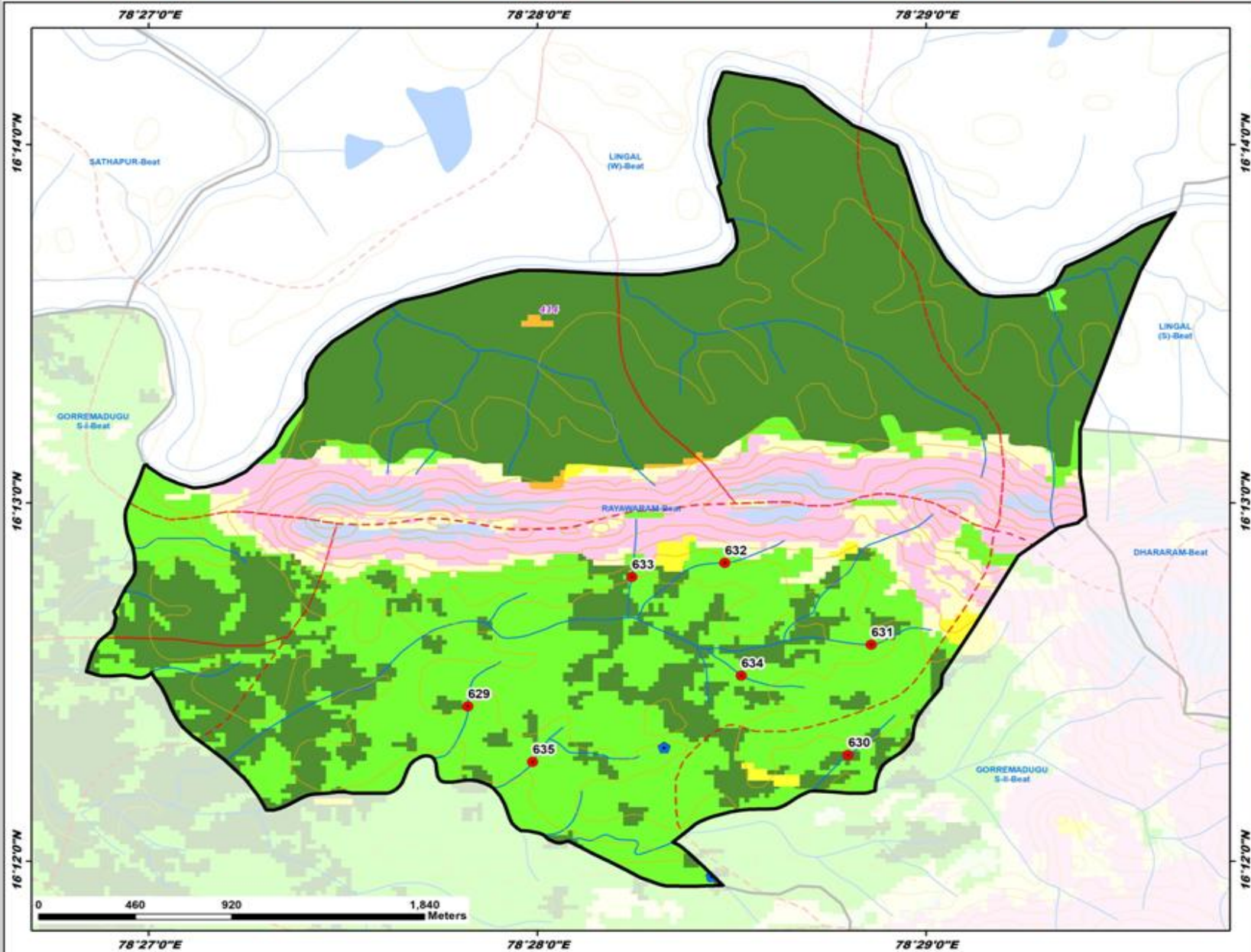
LEGEND

- 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 Rayawaram Beat



Division : Achampet
Range : Lingal



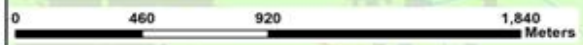
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
629	16.207212	78.463695	7.46	I
630	16.204948	78.480001	6.34	I
631	16.210079	78.480988	14.00	II
632	16.213886	78.474715	14.62	II
633	16.213228	78.470722	6.27	II
634	16.208646	78.475423	12.14	II
635	16.204627	78.466470	49.21	III

LEGEND

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

Suitability Index

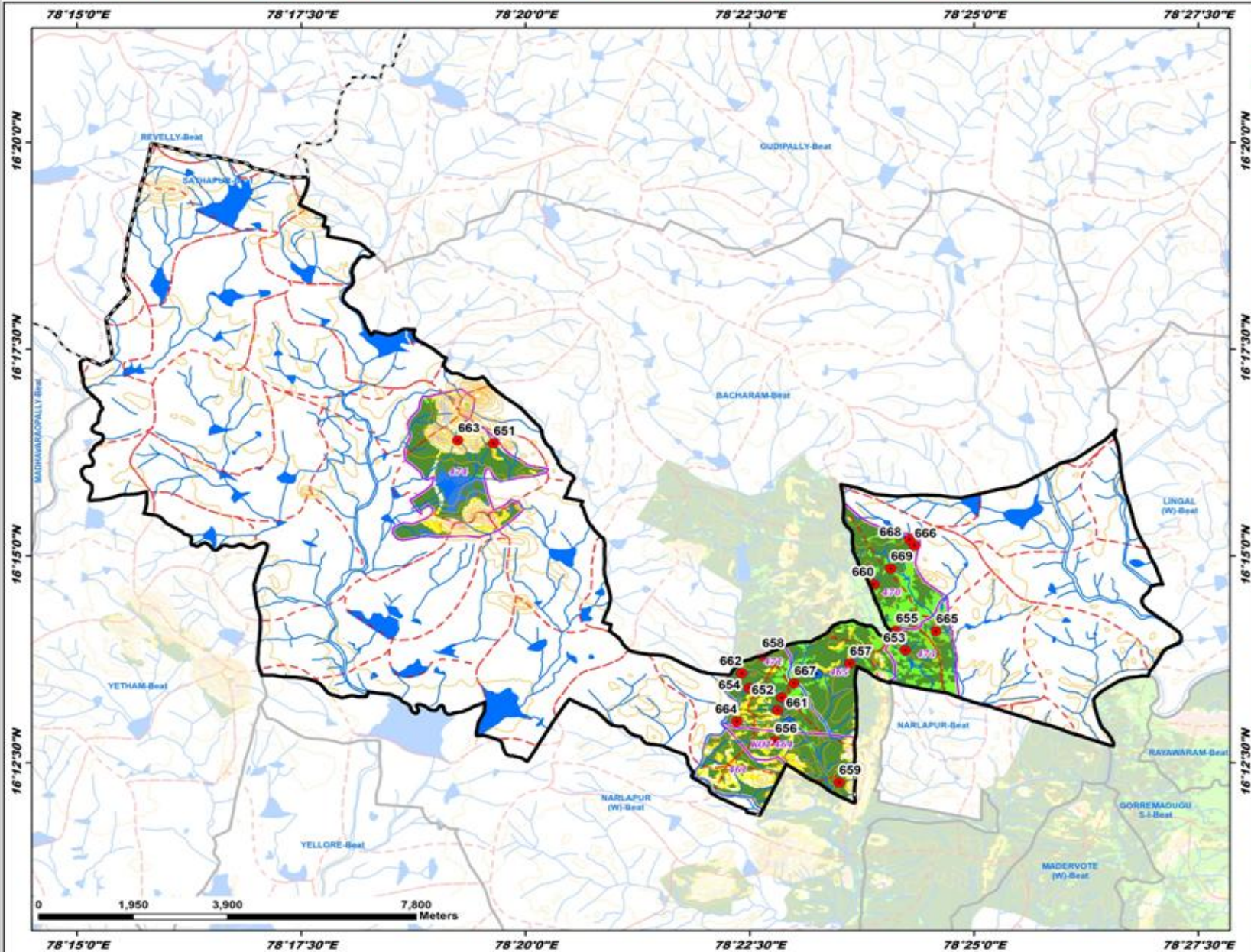
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Sathapur Beat



Division : Achampet
Range : Lingal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
651	16.272709	78.327376	7.48	I
652	16.221468	78.380985	13.42	I
653	16.230981	78.403967	5.77	I
654	16.223392	78.374923	10.41	I
655	16.234954	78.402156	11.32	I
656	16.212733	78.379684	14.94	I
657	16.228310	78.393593	11.61	I
658	16.229922	78.377333	18.06	I
659	16.204350	78.391608	8.72	I
660	16.244286	78.398134	5.81	I
661	16.218900	78.380214	19.83	I
662	16.226323	78.373526	7.31	I
663	16.273298	78.320756	13.52	I
664	16.216648	78.372685	10.66	I
665	16.234855	78.409669	14.34	II
666	16.252048	78.405661	17.74	II
667	16.224341	78.383261	44.59	III
668	16.253314	78.404716	72.87	IV
669	16.287464	78.401223	53.47	IV

LEGEND

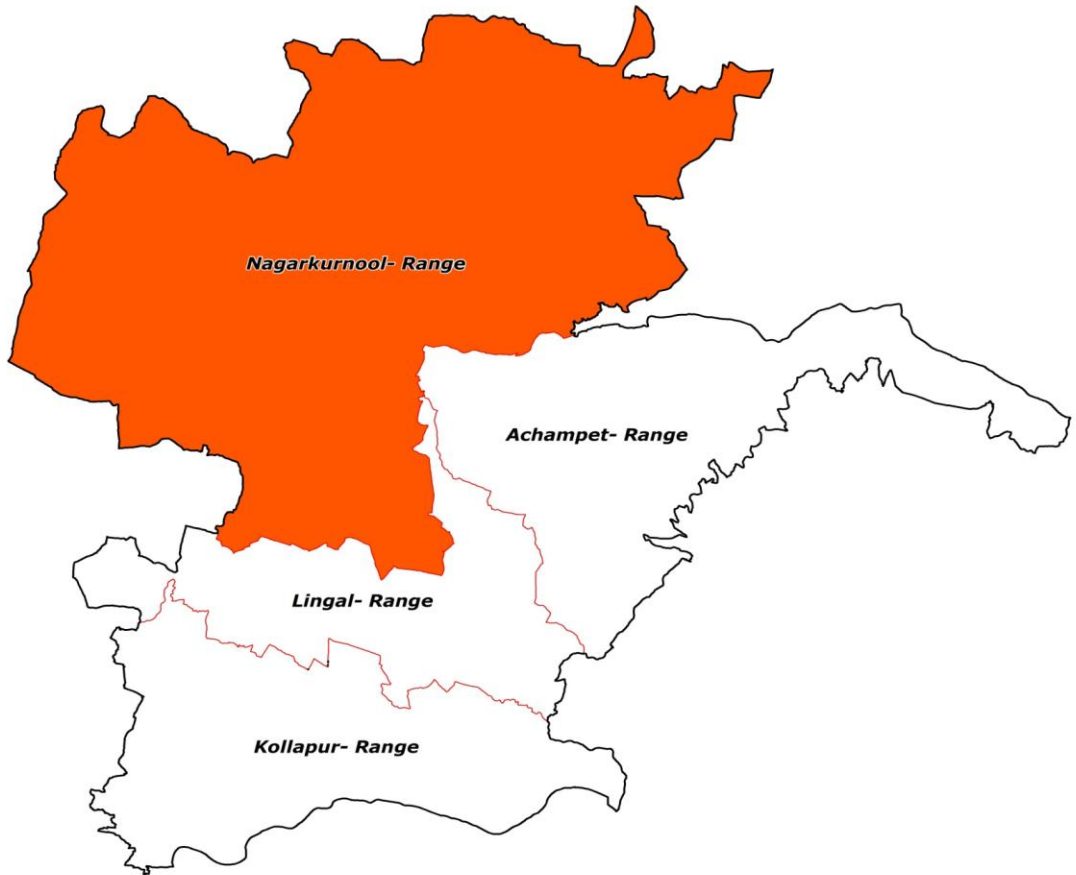
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- ▭ Compartment Boundary
- ▭ Beat Boundary
- - - Division Boundary

Suitability Index

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



Map Showing Nagarkurnool Range in Achampet Division



15°52'0"N
16°0'0"N
16°8'0"N
16°16'0"N
16°24'0"N
16°32'0"N
16°40'0"N
16°48'0"N
16°56'0"N

15°52'0"N
16°0'0"N
16°8'0"N
16°16'0"N
16°24'0"N
16°32'0"N
16°40'0"N
16°48'0"N
16°56'0"N

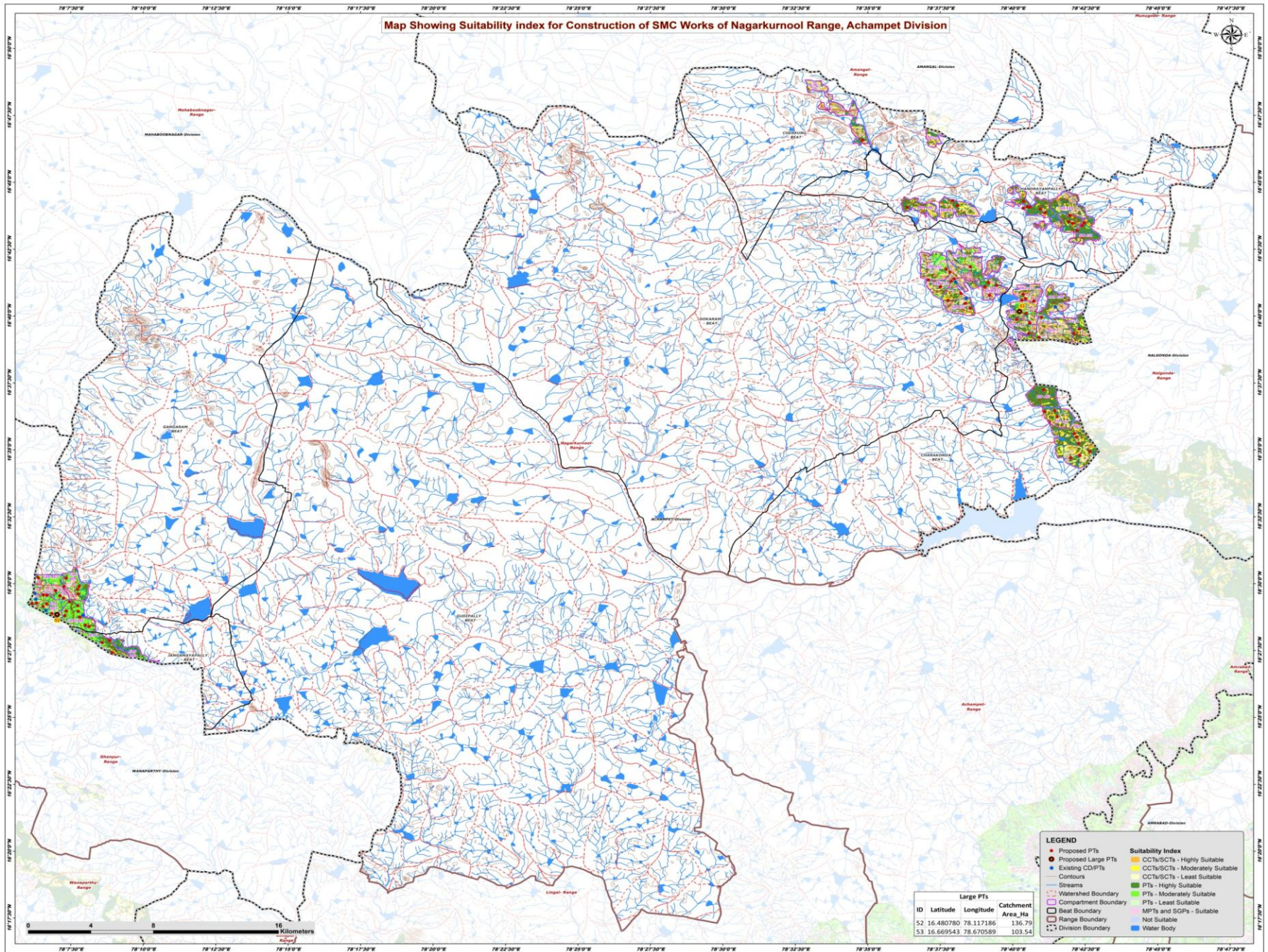


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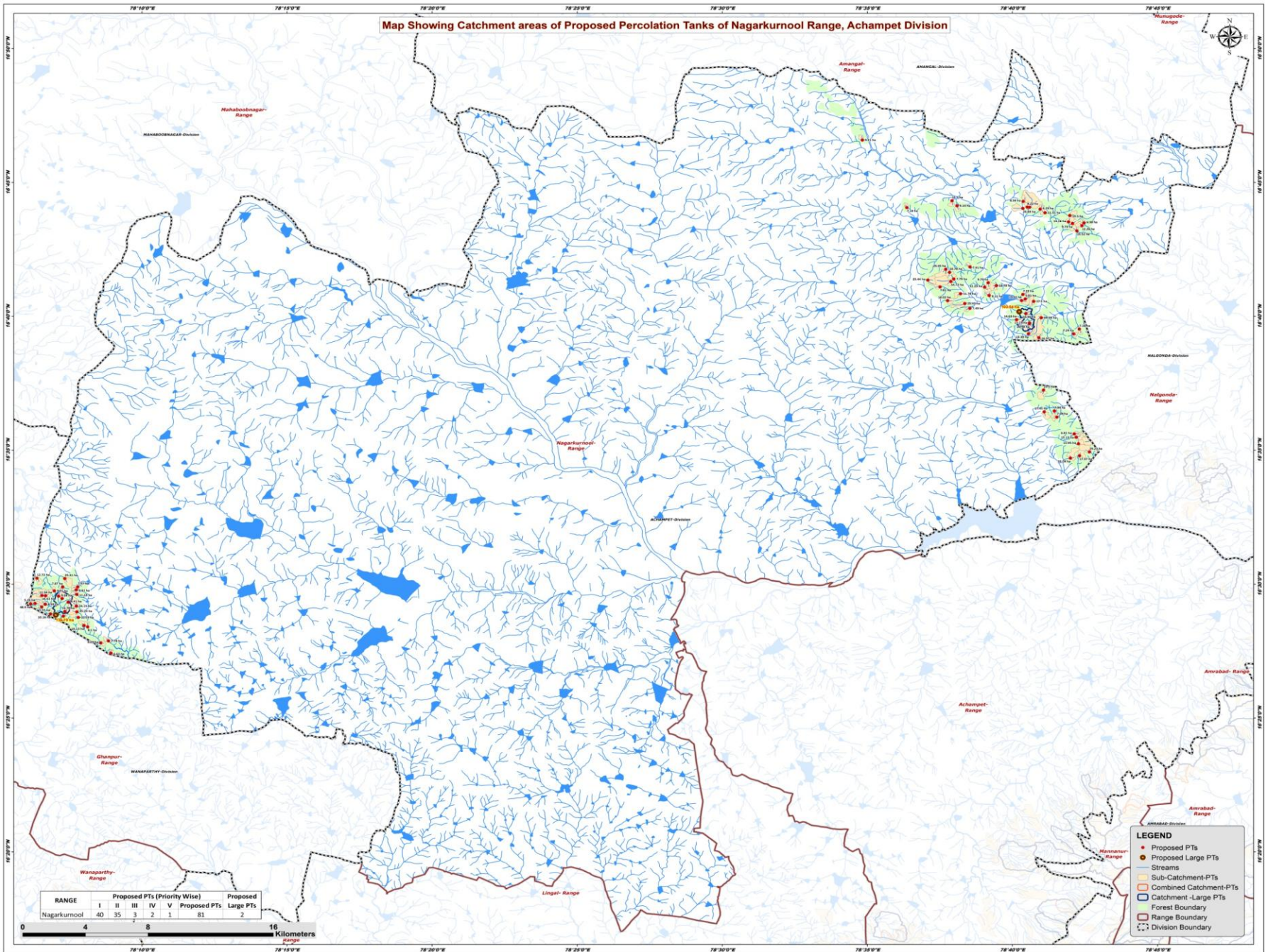
- Division Boundary
- Range Boundary

78°0'0"E 78°8'0"E 78°16'0"E 78°24'0"E 78°32'0"E 78°40'0"E 78°48'0"E 78°56'0"E 79°4'0"E

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



Map Showing Catchment areas of Proposed Percolation Tanks of Nagarkurnool Range, Achampet Division



RANGE	I	II	III	IV	V	Proposed PTs	Proposed Large PTs
Nagarkurnool	40	35	3	2	1	81	2

- 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 – Nagarkurnool Range

S. No.	Beat	Proposed PT's
1	CHANDRAYANPALLY	15
2	CHARAKONDA	23
3	CHERKURU	1
4	GANGARAM	24
5	GOKARAM	15
6	JANGAMAYAPALLY	3
	Total	81

List of Proposed PTs – Nagrarkurnool Range

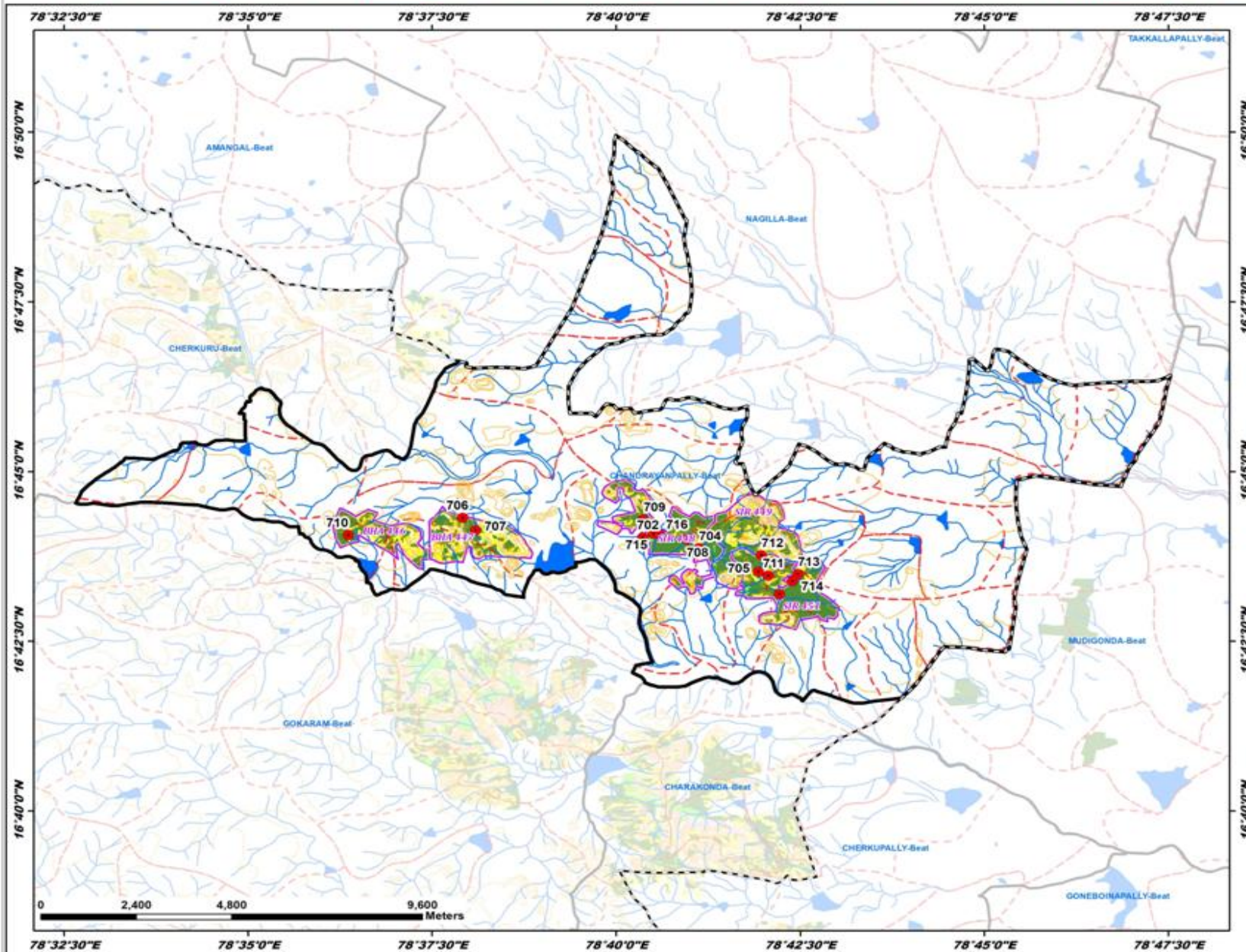
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
675	16.503672	78.106412	12.72	I	GANGARAM
676	16.473335	78.135526	8.10	I	GANGARAM
677	16.474198	78.133451	10.13	II	GANGARAM
678	16.496449	78.128981	6.62	II	GANGARAM
679	16.482949	78.122475	14.78	II	GANGARAM
680	16.498253	78.129875	7.97	II	GANGARAM
681	16.498230	78.121201	7.87	II	GANGARAM
682	16.492886	78.109335	16.61	II	GANGARAM
683	16.495769	78.116405	9.71	II	GANGARAM
684	16.485806	78.109140	5.55	II	GANGARAM
685	16.487421	78.111195	8.59	II	GANGARAM
686	16.486283	78.129094	24.15	II	GANGARAM
687	16.492459	78.118819	9.08	II	GANGARAM
688	16.492758	78.111348	11.34	II	GANGARAM
689	16.488765	78.124317	8.41	II	GANGARAM
690	16.490983	78.120877	10.56	II	GANGARAM
691	16.479213	78.130205	10.53	II	GANGARAM
692	16.480061	78.121572	5.89	II	GANGARAM
693	16.482672	78.129384	25.24	II	GANGARAM
694	16.493577	78.129279	11.18	II	GANGARAM
695	16.487935	78.105301	5.16	II	GANGARAM
696	16.481424	78.114188	10.16	II	GANGARAM
697	16.503467	78.122425	25.31	III	GANGARAM
698	16.487665	78.102789	48.90	V	GANGARAM
699	16.464616	78.147478	7.78	I	JANGAMAYAPALLY
700	16.456982	78.148917	6.63	I	JANGAMAYAPALLY
701	16.463347	78.143065	9.03	II	JANGAMAYAPALLY
702	16.733868	78.672658	23.69	I	CHANDRAYANPALLY
703	16.719916	78.703682	15.52	I	CHANDRAYANPALLY
704	16.731165	78.685418	11.51	I	CHANDRAYANPALLY
705	16.725454	78.698892	13.16	I	CHANDRAYANPALLY
706	16.738678	78.631976	11.50	I	CHANDRAYANPALLY
707	16.735515	78.634854	9.24	I	CHANDRAYANPALLY
708	16.733408	78.682590	6.29	I	CHANDRAYANPALLY
709	16.738228	78.672837	8.59	I	CHANDRAYANPALLY
710	16.734384	78.606064	7.18	I	CHANDRAYANPALLY
711	16.724485	78.701132	9.73	I	CHANDRAYANPALLY
712	16.729459	78.699582	13.50	I	CHANDRAYANPALLY
713	16.724806	78.707796	6.38	I	CHANDRAYANPALLY
714	16.723112	78.706590	12.26	I	CHANDRAYANPALLY

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
715	16.734711	78.675158	8.22	II	CHANDRAYANPALLY
716	16.734576	78.676529	83.03	III	CHANDRAYANPALLY
717	16.603953	78.692194	7.09	I	CHARAKONDA
718	16.593559	78.702125	6.81	I	CHARAKONDA
719	16.579900	78.705157	17.37	I	CHARAKONDA
720	16.668393	78.674373	16.96	I	CHARAKONDA
721	16.655821	78.701880	7.24	I	CHARAKONDA
722	16.676016	78.678858	17.50	I	CHARAKONDA
723	16.591432	78.703297	15.13	I	CHARAKONDA
724	16.653395	78.681815	16.97	I	CHARAKONDA
725	16.664575	78.669038	14.63	I	CHARAKONDA
726	16.658769	78.705053	7.16	I	CHARAKONDA
727	16.587354	78.704572	11.05	I	CHARAKONDA
728	16.607218	78.684909	17.45	I	CHARAKONDA
729	16.677487	78.674072	5.81	I	CHARAKONDA
730	16.655839	78.675934	13.39	I	CHARAKONDA
731	16.607804	78.690780	7.94	I	CHARAKONDA
732	16.620819	78.684555	25.50	II	CHARAKONDA
733	16.582254	78.710941	29.23	II	CHARAKONDA
734	16.676504	78.671918	15.02	II	CHARAKONDA
735	16.578394	78.699988	33.09	II	CHARAKONDA
736	16.680337	78.672671	7.22	II	CHARAKONDA
737	16.662515	78.676478	11.23	II	CHARAKONDA
738	16.662178	78.676435	26.98	II	CHARAKONDA
739	16.665816	78.683287	69.38	IV	CHARAKONDA
740	16.776446	78.580503	9.41	I	CHERKURU
741	16.671636	78.642244	7.49	I	GOKARAM
742	16.687577	78.652730	9.79	I	GOKARAM
743	16.680734	78.636907	11.78	I	GOKARAM
744	16.694124	78.630562	10.78	I	GOKARAM
745	16.685803	78.657445	18.78	I	GOKARAM
746	16.684884	78.650723	11.23	I	GOKARAM
747	16.676438	78.629464	14.02	I	GOKARAM
748	16.674635	78.639349	25.42	II	GOKARAM
749	16.697432	78.642308	7.91	II	GOKARAM
750	16.689267	78.618059	25.44	II	GOKARAM
751	16.685015	78.625082	7.81	II	GOKARAM
752	16.689914	78.632982	7.79	II	GOKARAM
753	16.679632	78.653297	9.11	II	GOKARAM
754	16.695982	78.628368	25.35	III	GOKARAM
755	16.688350	78.631334	54.72	IV	GOKARAM

Map Showing Suitability Index for Construction of SMC Works of Chandrayanpally Beat



Division : Achampet
Range : Nagarkurnool



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
702	16.733868	78.672658	23.69	I
703	16.739916	78.703682	15.52	I
704	16.731165	78.685418	11.51	I
705	16.725454	78.698932	13.16	I
706	16.738678	78.631976	11.50	I
707	16.735515	78.634854	9.24	I
708	16.733408	78.682590	6.29	I
709	16.738228	78.672837	8.59	I
710	16.734384	78.606064	7.18	I
711	16.724485	78.701132	9.73	I
712	16.729459	78.699582	13.50	I
713	16.724806	78.707796	6.38	I
714	16.723112	78.706590	12.26	I
715	16.734711	78.675158	8.22	II
716	16.734576	78.676529	83.03	III

LEGEND

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

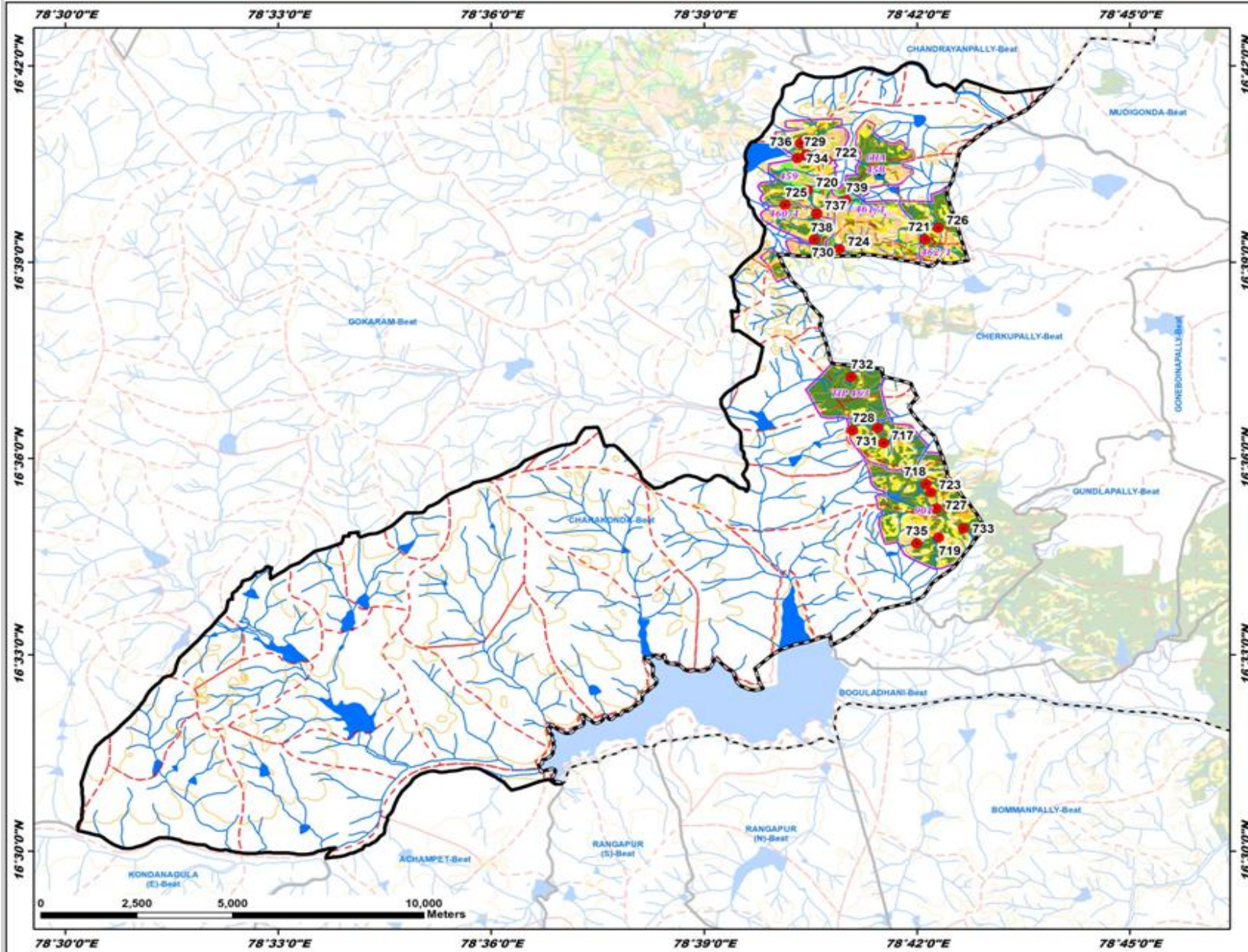
Suitability Index

- 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 Charakonda Beat



Division : Achampet
Range : Nagarkurnool



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
717	16.603953	78.692194	7.09	I
718	16.593559	78.702125	6.81	I
719	16.579900	78.705157	17.37	I
720	16.668393	78.674373	16.96	I
721	16.655821	78.701880	7.24	I
722	16.676016	78.678858	17.50	I
723	16.591432	78.703297	15.13	I
724	16.653395	78.681815	16.97	I
725	16.664575	78.669038	14.63	I
726	16.658769	78.705053	7.16	I
727	16.587354	78.704572	11.05	I
728	16.607218	78.684909	17.45	I
729	16.677487	78.674072	5.81	I
730	16.655839	78.675934	13.39	I
731	16.607804	78.690780	7.94	I
732	16.620819	78.684535	25.50	II
733	16.582254	78.710941	29.23	II
734	16.676504	78.671918	15.02	II
735	16.578394	78.699988	31.09	II
736	16.680337	78.672671	7.22	II
737	16.662515	78.676478	11.23	II
738	16.662178	78.676435	26.98	II
739	16.665816	78.683287	69.38	IV

LEGEND

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

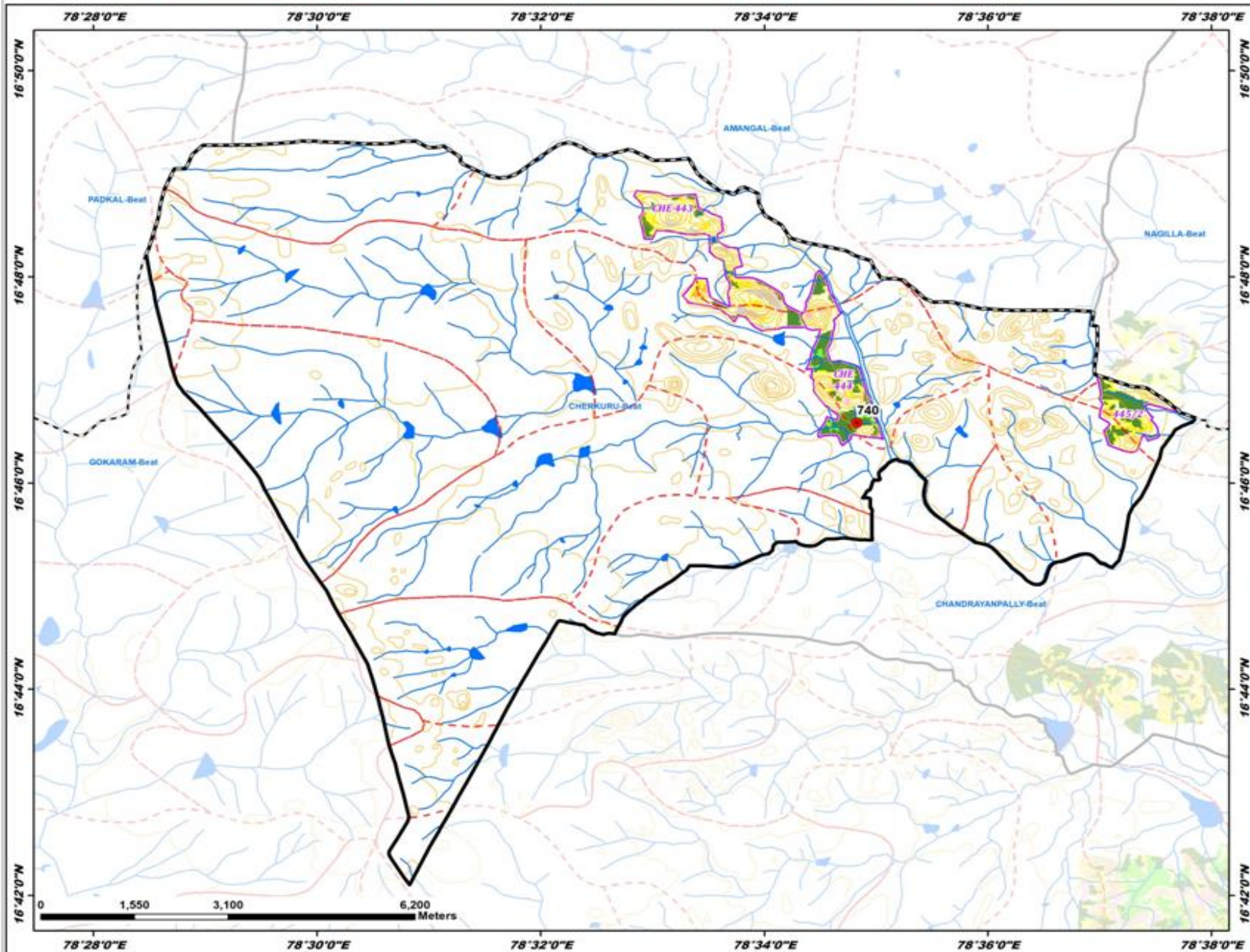
Suitability Index

- 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 Cherkuru Beat

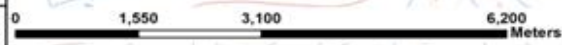


Division : Achampet
Range : Nagarkurnool



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
740	16.776446	78.580503	9.41	I

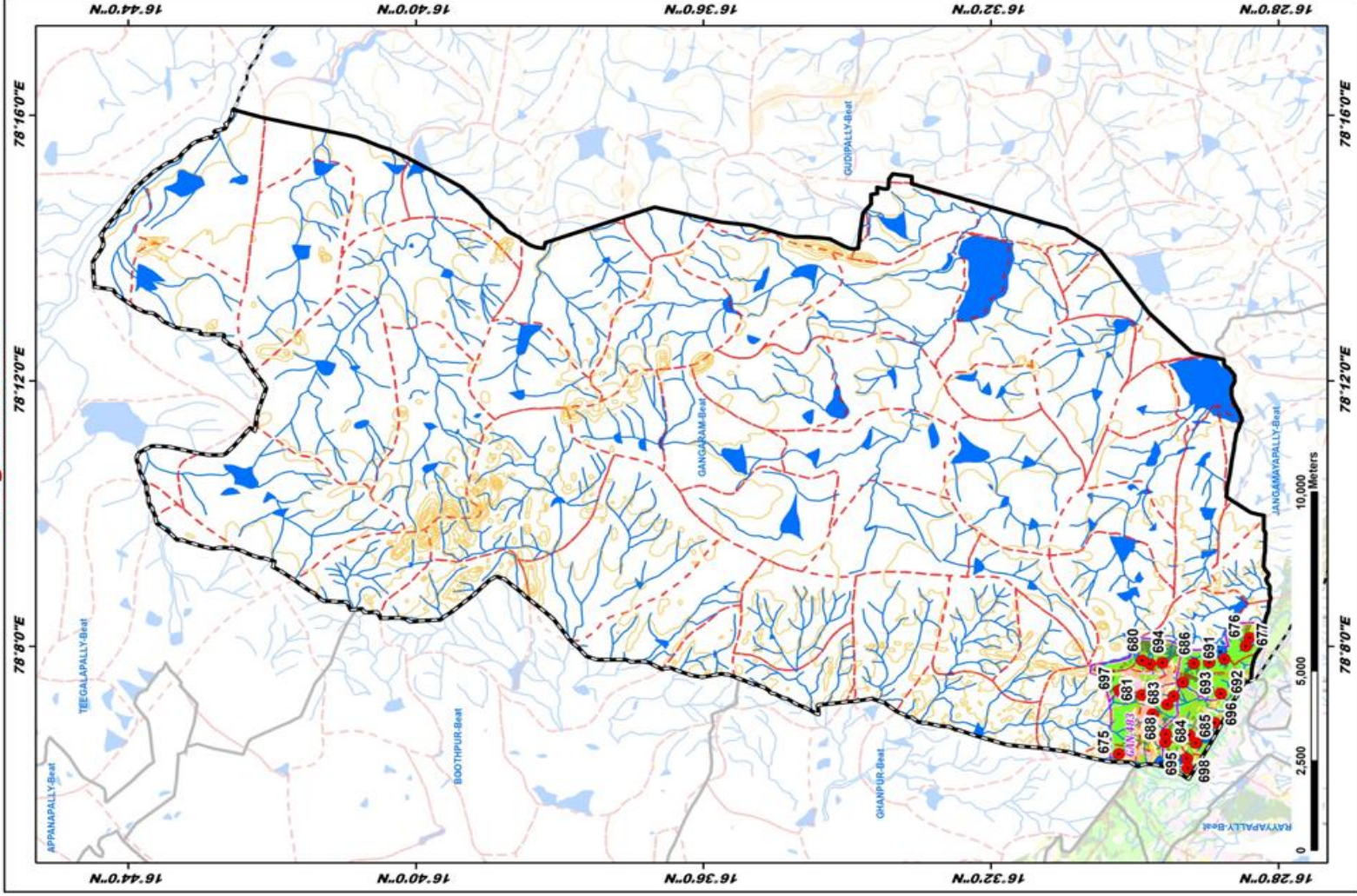
- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - ▭ Compartment Boundary
 - ▭ Beat Boundary
 - - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable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



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



Division : Achampet
Range : Nagarkurnool



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
675	16.508572	78.106412	12.72	I
676	16.473335	78.135326	8.10	I
677	16.474198	78.130451	10.13	II
678	16.496449	78.129811	6.62	II
679	16.482349	78.122875	14.78	II
680	16.498253	78.129875	7.97	II
681	16.498230	78.122201	7.87	II
682	16.492886	78.109335	16.61	II
683	16.495769	78.116405	9.71	II
684	16.485806	78.107140	5.55	II
685	16.487421	78.111195	8.59	II
686	16.488283	78.120094	24.15	II
687	16.493659	78.118819	9.08	II
688	16.482758	78.111348	11.34	II
689	16.488765	78.120317	8.41	II
690	16.490883	78.120877	10.56	II
691	16.479213	78.130205	10.53	II
692	16.482061	78.121572	5.89	II
693	16.482672	78.127384	25.24	II
694	16.493577	78.129279	11.18	II
695	16.487935	78.105301	5.16	II
696	16.481424	78.114188	10.16	II
697	16.505467	78.122825	25.31	III
698	16.487665	78.102789	48.90	V

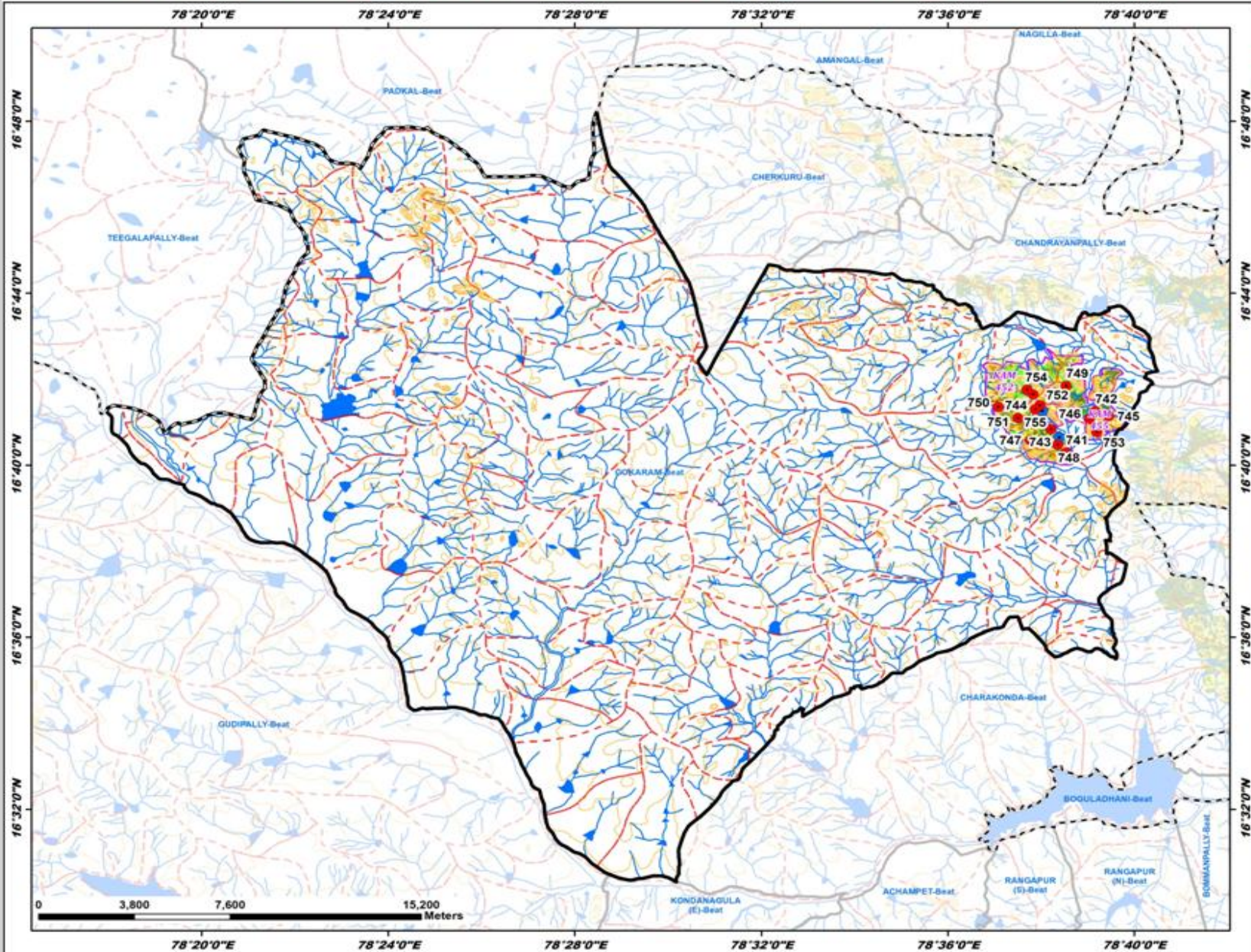
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Gokaram Beat



Division : Achampet
Range : Nagarkurnool



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
741	16.671636	78.642244	7.49	I
742	16.687577	78.652730	9.79	I
743	16.680734	78.636907	11.78	I
744	16.694124	78.630562	10.78	I
745	16.685803	78.657445	18.78	I
746	16.684884	78.650723	11.23	I
747	16.676438	78.629464	14.02	I
748	16.674635	78.639349	25.42	II
749	16.697432	78.642308	7.91	II
750	16.689267	78.618059	25.44	II
751	16.685015	78.625082	7.81	II
752	16.689914	78.632982	7.79	II
753	16.679632	78.653297	9.11	II
754	16.695982	78.628368	25.35	III
755	16.688350	78.631334	54.72	IV

LEGEND

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

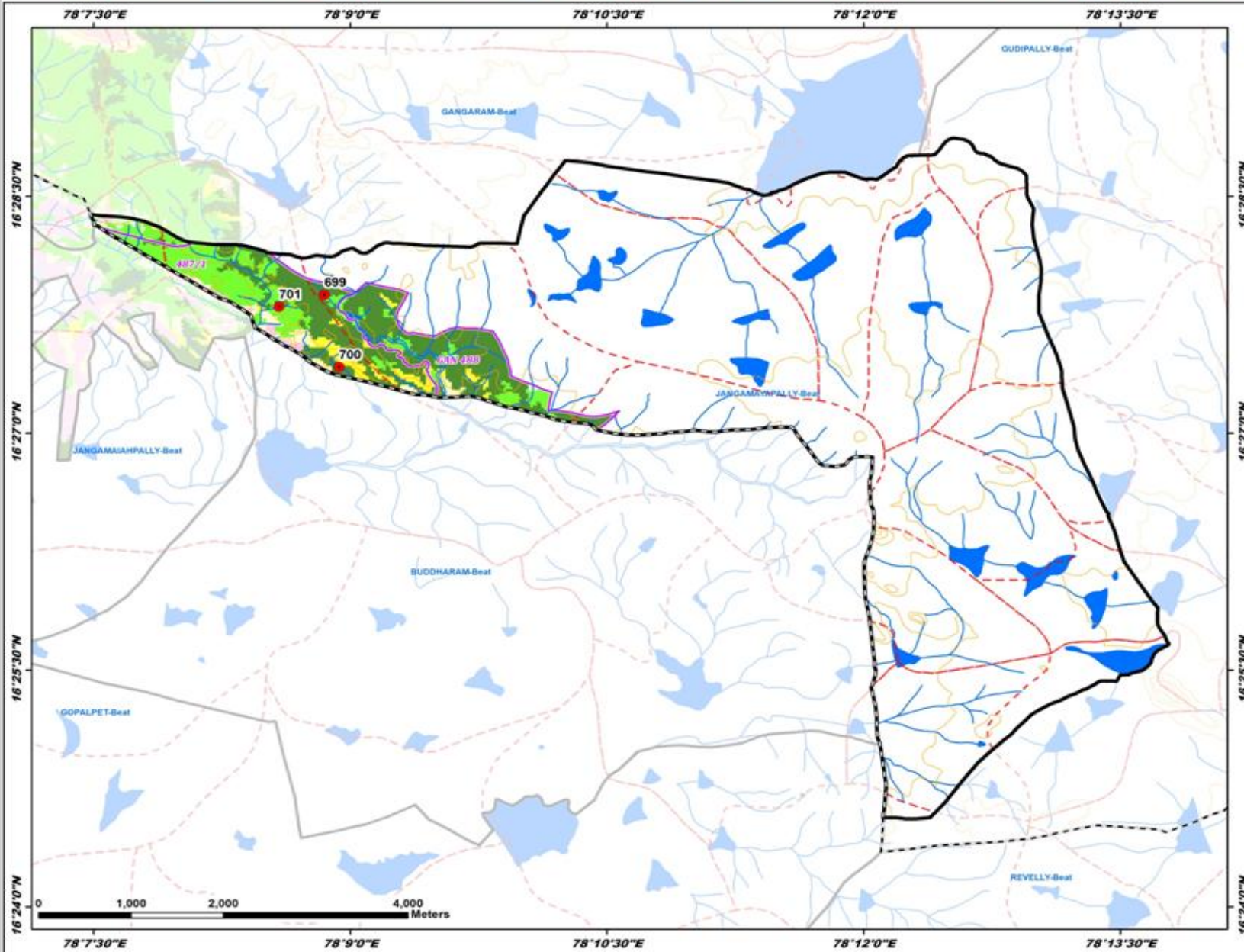
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Jangamayapally Beat



Division : Achampet
Range : Nagarkurnool



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
699	16.46616	78.14748	7.78	I
700	16.45682	78.148917	6.63	I
701	16.463347	78.143065	9.03	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

