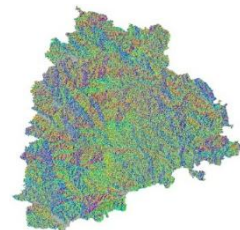
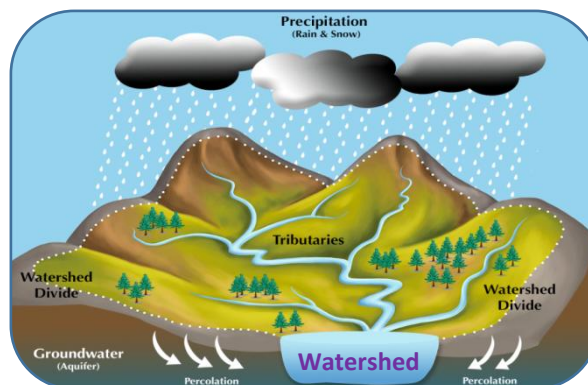


Government of Telangana – Forest Department



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



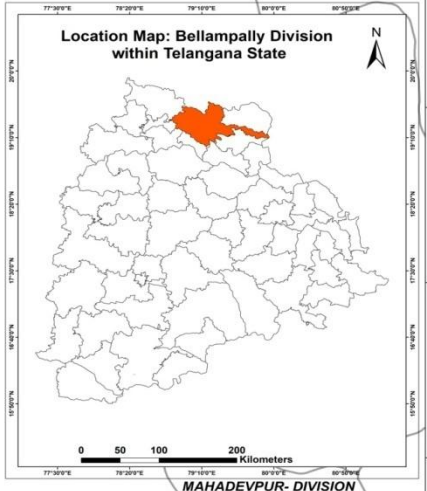
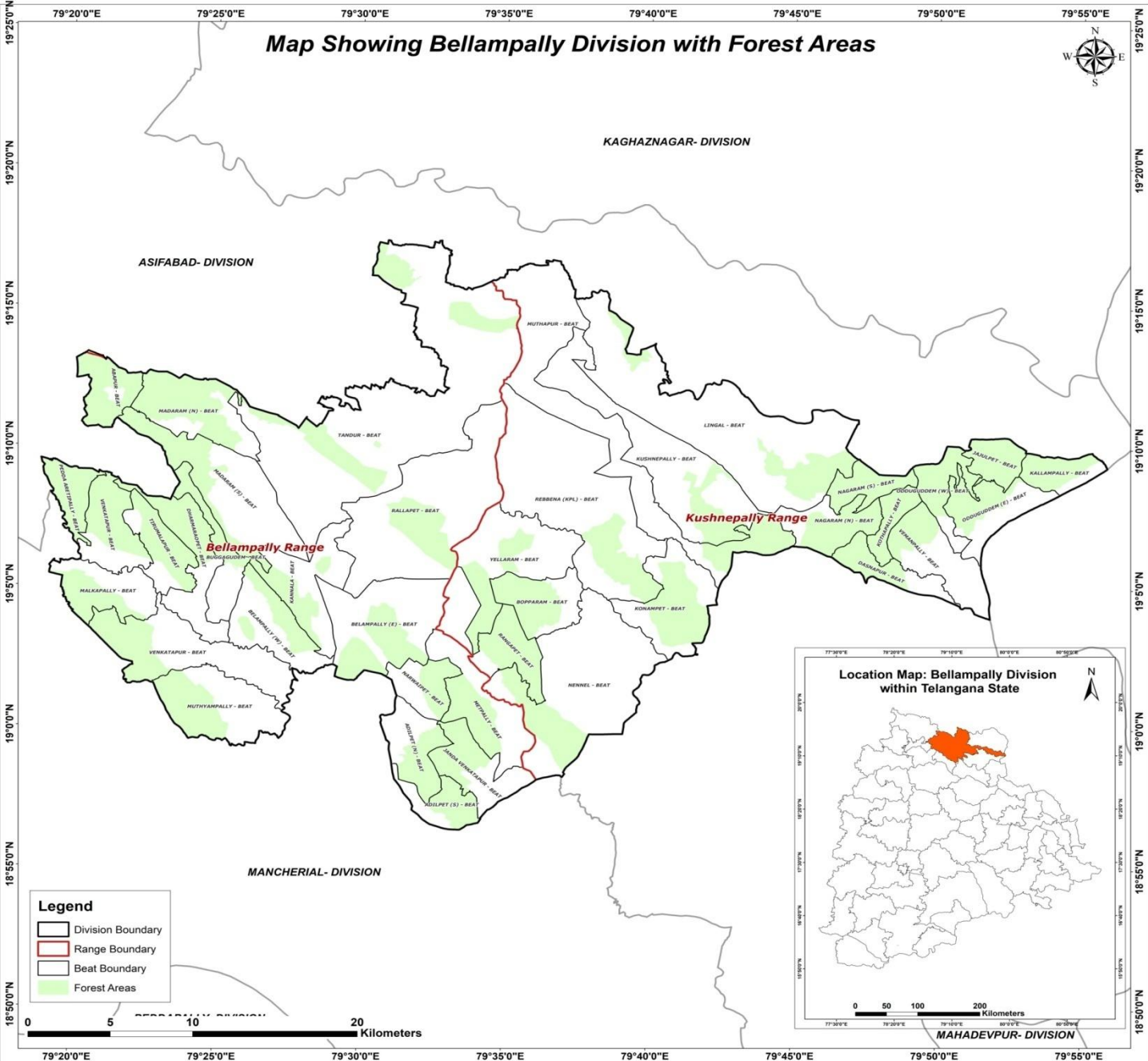
An aerial photograph of a forested landscape. In the center, there is a large, irregularly shaped pond or reservoir. The surrounding area is covered in dense green trees, with some patches of dry, brownish vegetation. The background shows rolling hills under a clear blue sky.

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

Circle: Kawal TR
District: Mancherial
Division: Bellampally

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

Map Showing Bellampally Division with Forest Areas



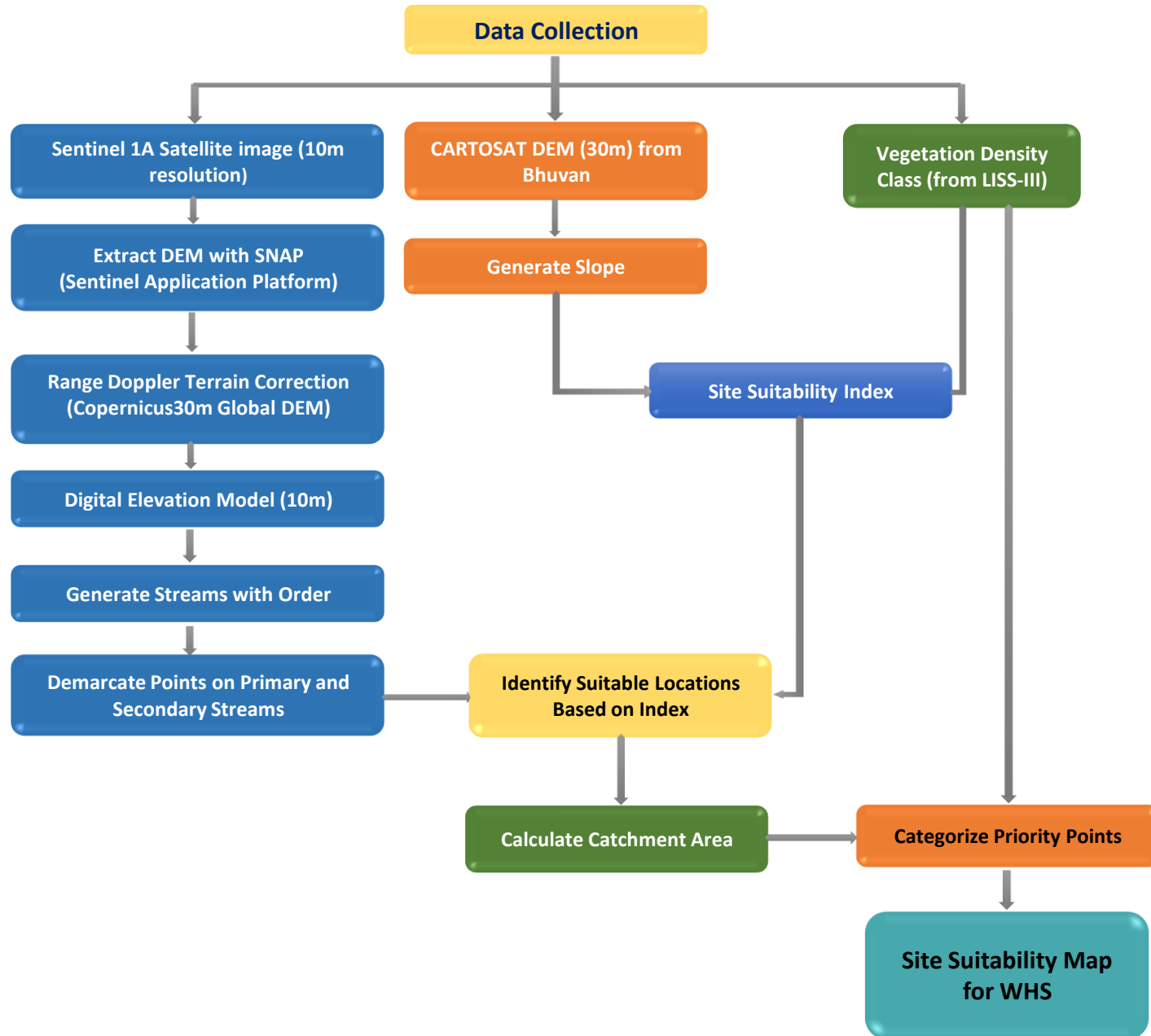
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



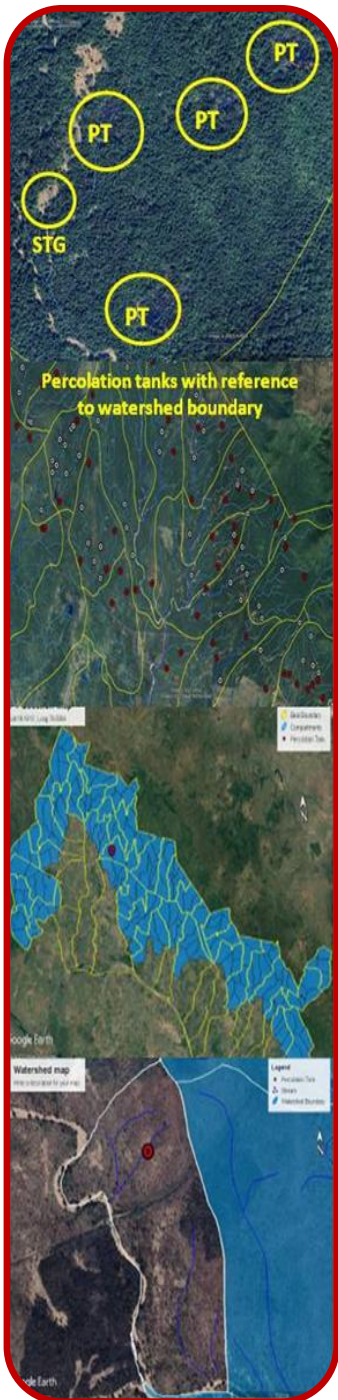
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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

Suitability criteria for Continuous/Staggered contour trenches

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





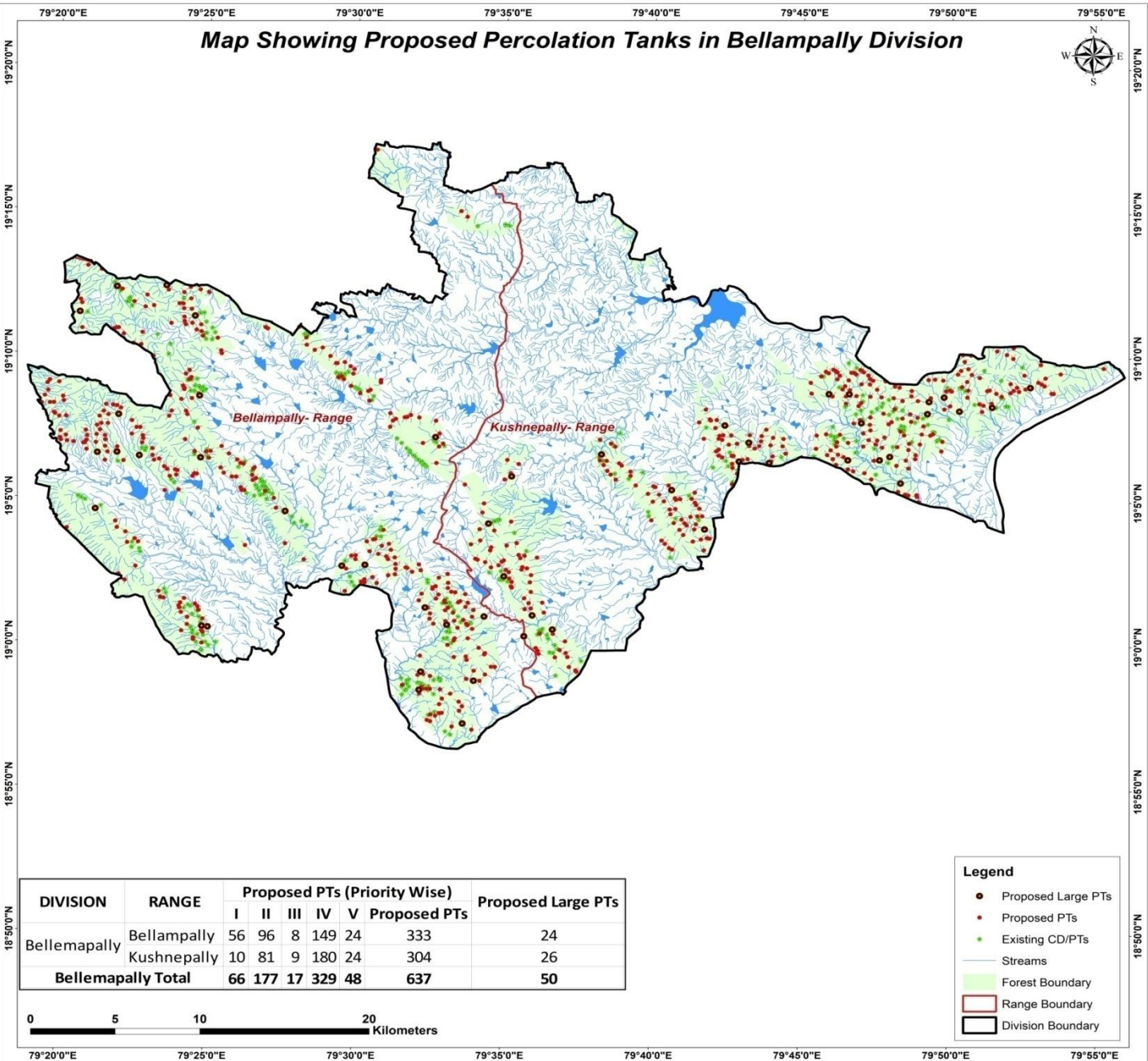
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Bellampally Division

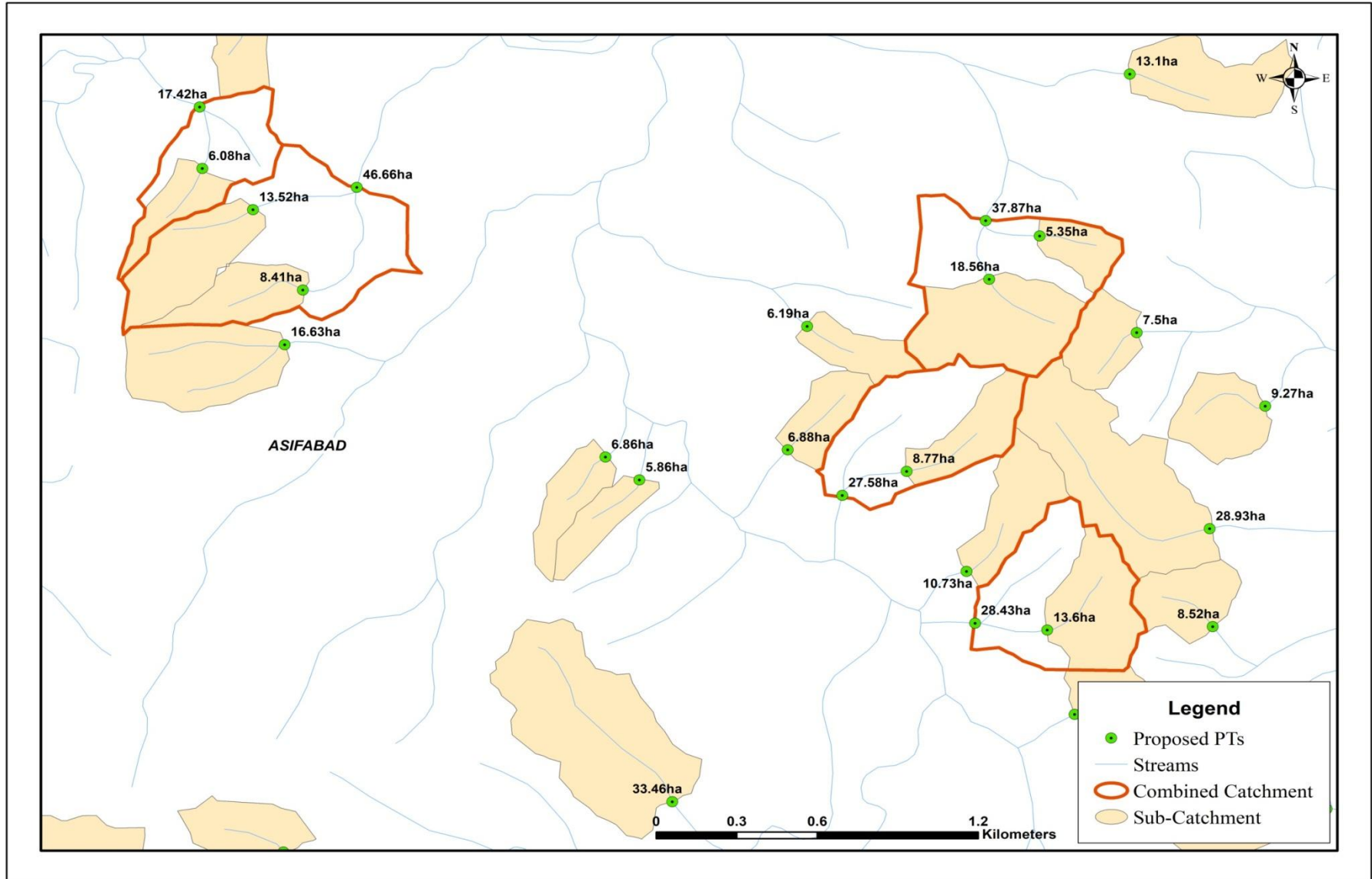


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs	
		I	II	III	IV	V		Proposed PTs
Bellemapally	Bellampally	56	96	8	149	24	333	24
	Kushnepally	10	81	9	180	24	304	
Bellemapally Total		66	177	17	329	48	637	50

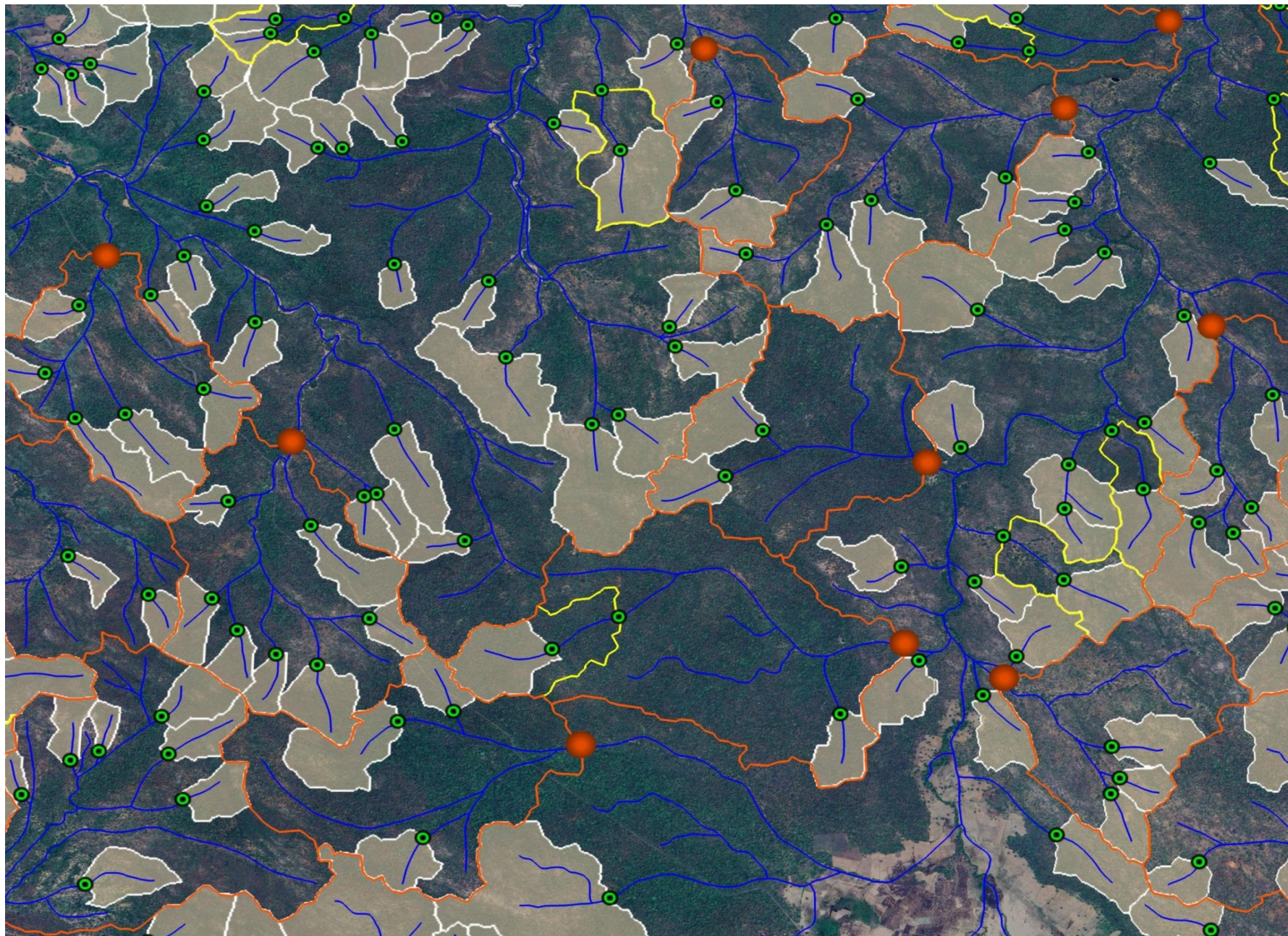


- Legend**
- Proposed Large PTs
 - Proposed PTs
 - Existing CD/PTs
 - Streams
 - Forest Boundary
 - Range Boundary
 - Division Boundary

CATCHMENT AREA



Sample Catchment Map



Map Showing Bellampally Range in Bellampally Division



19°20'0"N

19°10'0"N

19°0'0"N

18°50'0"N

19°20'0"N

19°10'0"N

19°0'0"N

18°50'0"N




Bellampally- Range

Kushnepally- Range



Legend

-  Division Boundary
-  Range Boundary

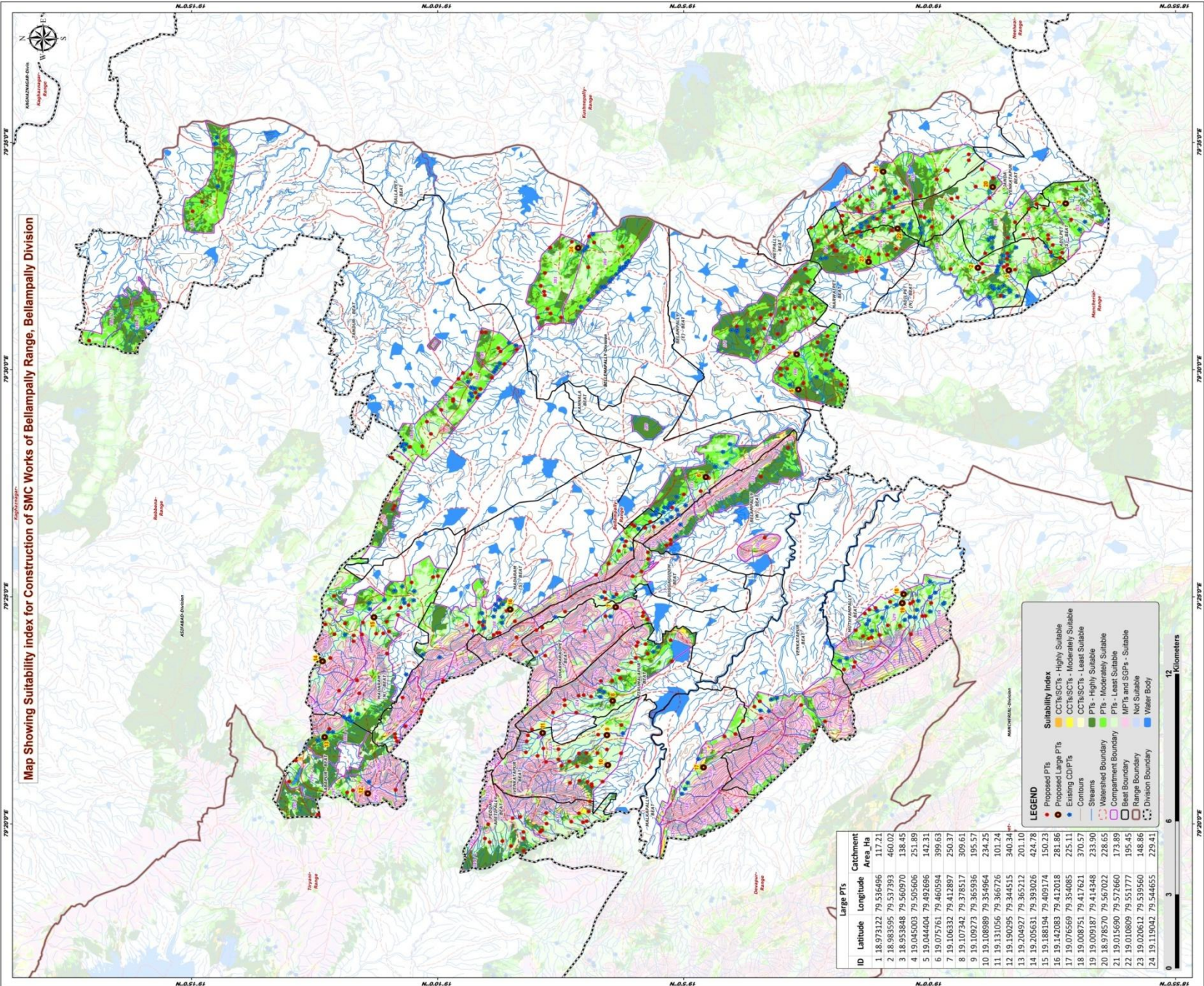
79°20'0"E

79°30'0"E

79°40'0"E

79°50'0"E

Map Showing Suitability Index for Construction of SMC Works of Bellampally Range, Bellampally Division



ID	Latitude	Longitude	Catchment Area, Ha
1	18.973122	79.536496	117.21
2	18.983595	79.537393	460.02
3	18.953848	79.560970	138.45
4	19.045003	79.505606	251.89
5	19.044404	79.492696	142.31
6	19.075761	79.460594	399.63
7	19.106332	79.412897	250.37
8	19.107342	79.378517	309.61
9	19.109879	79.365936	195.57
10	19.108889	79.354964	234.25
11	19.131056	79.366726	101.24
12	19.190295	79.344515	340.34
13	19.204927	79.365212	201.10
14	19.205631	79.393026	424.78
15	19.188194	79.409174	150.23
16	19.142083	79.412018	281.86
17	19.076569	79.354085	225.11
18	19.008751	79.417621	370.57
19	19.009187	79.414348	233.90
20	18.978570	79.567022	228.65
21	19.015690	79.572660	173.89
22	19.010869	79.551777	195.45
23	19.020612	79.539560	148.86
24	19.119042	79.544655	229.41

- LEGEND**
- Proposed PTs
 - Existing Large PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Best Boundary
 - Range Boundary
 - Division Boundary
 - Water Body
- Suitability Index**
- CCT/SCCTs - Highly Suitable
 - CCT/SCCTs - Moderately Suitable
 - CCT/SCCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPFs and SGPs - Suitable
 - Not Suitable
 - Water Body

0 3 6 9 12 Kilometers

Beat wise Abstract of Proposed PT's – Bellampally Range

S. No.	Beat	Proposed PT's
1	ABAPUR	7
2	ADILPET NORTH	10
3	ADILPET SOUTH	10
4	BELAMPALLY EAST	31
5	BELAMPALLY WEST	6
6	BUGGAGUDEM	11
7	DHARMARAOPET	8
8	JANDA VENKATAPUR	15
9	KANNALA	6
10	MADARAM NORTH	26
11	MADARAM SOUTH	25
12	MALKAPALLY	4
13	METPALLY	24
14	MUTHYAMPALLY	20
15	NARWAIPET	18
16	PEDDA ARETIPALLY	19
17	RALLAPET	14
18	TANDUR	27
19	TIRUMALAPUR	20
20	VENKATAPUR	32
	Total	333

List of Proposed PTs – Bellampally 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	18.973661	79.542700	16.46	I	ADILPET NORTH	41	19.045629	79.522780	9.33	II	BELAMPALLY EAST	81	19.130197	79.395067	17.12	IV	DHARMARAOPET
2	18.975837	79.527168	6.47	II	ADILPET NORTH	42	19.042832	79.522898	13.59	II	BELAMPALLY EAST	82	19.109802	79.409585	5.79	IV	DHARMARAOPET
3	18.973731	79.540734	8.92	II	ADILPET NORTH	43	19.036624	79.505456	6.68	II	BELAMPALLY EAST	83	19.137517	79.328113	5.44	I	PEDDA ARETIPALLY
4	18.955716	79.541134	20.06	II	ADILPET NORTH	44	19.029856	79.494507	17.00	II	BELAMPALLY EAST	84	19.131921	79.330454	5.60	I	PEDDA ARETIPALLY
5	18.992821	79.536933	11.53	II	ADILPET NORTH	45	19.039070	79.518748	7.99	II	BELAMPALLY EAST	85	19.131267	79.331058	9.96	I	PEDDA ARETIPALLY
6	18.974778	79.537732	9.11	IV	ADILPET NORTH	46	19.034868	79.505502	5.81	II	BELAMPALLY EAST	86	19.137492	79.323467	13.50	I	PEDDA ARETIPALLY
7	18.970974	79.536707	13.11	IV	ADILPET NORTH	47	19.034555	79.512348	7.83	II	BELAMPALLY EAST	87	19.118789	79.337236	8.49	II	PEDDA ARETIPALLY
8	18.982220	79.538918	12.15	IV	ADILPET NORTH	48	19.035250	79.503606	9.05	II	BELAMPALLY EAST	88	19.148994	79.326682	6.79	IV	PEDDA ARETIPALLY
9	18.981758	79.535806	10.59	IV	ADILPET NORTH	49	19.039616	79.522598	8.00	IV	BELAMPALLY EAST	89	19.141223	79.335446	4.64	IV	PEDDA ARETIPALLY
10	18.973654	79.538449	7.89	IV	ADILPET NORTH	50	19.048404	79.518592	9.96	IV	BELAMPALLY EAST	90	19.141748	79.325235	11.59	IV	PEDDA ARETIPALLY
11	18.959719	79.547901	11.18	II	ADILPET SOUTH	51	19.052822	79.508252	8.85	IV	BELAMPALLY EAST	91	19.149498	79.333241	23.79	IV	PEDDA ARETIPALLY
12	18.958212	79.545758	12.43	II	ADILPET SOUTH	52	19.087695	79.436055	5.31	I	BELAMPALLY WEST	92	19.138693	79.335926	7.32	IV	PEDDA ARETIPALLY
13	18.950226	79.566170	27.52	III	ADILPET SOUTH	53	19.047922	79.471360	6.28	I	BELAMPALLY WEST	93	19.116109	79.334378	4.52	IV	PEDDA ARETIPALLY
14	18.964868	79.547970	8.86	IV	ADILPET SOUTH	54	19.057150	79.460745	9.28	I	BELAMPALLY WEST	94	19.121379	79.334185	11.26	IV	PEDDA ARETIPALLY
15	18.958927	79.543090	15.04	IV	ADILPET SOUTH	55	19.087698	79.437556	6.79	II	BELAMPALLY WEST	95	19.129869	79.337319	4.51	IV	PEDDA ARETIPALLY
16	18.968131	79.549484	19.11	IV	ADILPET SOUTH	56	19.089169	79.435596	6.04	II	BELAMPALLY WEST	96	19.144706	79.327079	9.76	IV	PEDDA ARETIPALLY
17	18.959826	79.549401	11.95	IV	ADILPET SOUTH	57	19.055835	79.438321	21.47	II	BELAMPALLY WEST	97	19.129753	79.333427	7.96	IV	PEDDA ARETIPALLY
18	18.951966	79.555093	10.08	IV	ADILPET SOUTH	58	19.087217	79.449414	7.82	II	KANNALA	98	19.150638	79.328001	7.02	IV	PEDDA ARETIPALLY
19	18.961128	79.559168	22.92	IV	ADILPET SOUTH	59	19.096330	79.441992	6.51	II	KANNALA	99	19.137560	79.330414	7.79	IV	PEDDA ARETIPALLY
20	18.955015	79.542972	28.53	V	ADILPET SOUTH	60	19.083196	79.454254	36.13	III	KANNALA	100	19.117364	79.333983	11.18	IV	PEDDA ARETIPALLY
21	19.041161	79.532224	4.79	I	BELAMPALLY EAST	61	19.077514	79.455479	10.26	IV	KANNALA	101	19.115509	79.337907	10.29	IV	PEDDA ARETIPALLY
22	19.037907	79.510068	13.46	I	BELAMPALLY EAST	62	19.093418	79.442329	9.78	IV	KANNALA	102	19.104794	79.386828	10.81	I	TIRUMALAPUR
23	19.042089	79.536985	9.55	I	BELAMPALLY EAST	63	19.074778	79.460215	14.91	IV	KANNALA	103	19.087241	79.393053	7.21	I	TIRUMALAPUR
24	19.042732	79.495136	20.73	I	BELAMPALLY EAST	64	19.095359	79.430551	8.31	II	BUGGAGUDEM	104	19.087676	79.400764	6.87	II	TIRUMALAPUR
25	19.043388	79.529451	6.74	I	BELAMPALLY EAST	65	19.097578	79.426004	8.17	II	BUGGAGUDEM	105	19.114644	79.380059	5.56	IV	TIRUMALAPUR
26	19.051386	79.513103	5.45	I	BELAMPALLY EAST	66	19.109704	79.415977	21.77	IV	BUGGAGUDEM	106	19.117178	79.380632	9.79	IV	TIRUMALAPUR
27	19.059705	79.510212	7.71	I	BELAMPALLY EAST	67	19.100579	79.424202	10.24	IV	BUGGAGUDEM	107	19.098820	79.399955	12.40	IV	TIRUMALAPUR
28	19.057227	79.519025	20.62	I	BELAMPALLY EAST	68	19.133173	79.404497	23.00	IV	BUGGAGUDEM	108	19.111363	79.385812	4.61	IV	TIRUMALAPUR
29	19.065285	79.515888	5.65	I	BELAMPALLY EAST	69	19.110113	79.418493	10.60	IV	BUGGAGUDEM	109	19.127515	79.374253	9.74	IV	TIRUMALAPUR
30	19.049997	79.517621	7.12	I	BELAMPALLY EAST	70	19.106066	79.417604	10.99	IV	BUGGAGUDEM	110	19.095426	79.395773	13.75	IV	TIRUMALAPUR
31	19.049430	79.522369	15.51	I	BELAMPALLY EAST	71	19.123437	79.411221	8.08	IV	BUGGAGUDEM	111	19.123564	79.376884	20.78	IV	TIRUMALAPUR
32	19.043692	79.528536	13.26	I	BELAMPALLY EAST	72	19.142103	79.395569	7.17	IV	BUGGAGUDEM	112	19.099282	79.398645	16.88	IV	TIRUMALAPUR
33	19.058539	79.506616	14.59	I	BELAMPALLY EAST	73	19.095410	79.432987	19.60	IV	BUGGAGUDEM	113	19.134675	79.368003	6.12	IV	TIRUMALAPUR
34	19.045465	79.535921	11.77	I	BELAMPALLY EAST	74	19.139944	79.401833	45.58	V	BUGGAGUDEM	114	19.101048	79.392599	5.50	IV	TIRUMALAPUR
35	19.050272	79.498040	13.83	I	BELAMPALLY EAST	75	19.095571	79.408476	4.82	II	DHARMARAOPET	115	19.123607	79.378882	14.83	IV	TIRUMALAPUR
36	19.048238	79.500369	13.09	II	BELAMPALLY EAST	76	19.096934	79.410910	10.16	II	DHARMARAOPET	116	19.107508	79.385930	51.52	IV	TIRUMALAPUR
37	19.056039	79.515079	6.83	II	BELAMPALLY EAST	77	19.133229	79.396467	7.89	IV	DHARMARAOPET	117	19.105412	79.389687	5.68	IV	TIRUMALAPUR
38	19.050512	79.500440	26.95	II	BELAMPALLY EAST	78	19.097139	79.409587	11.25	IV	DHARMARAOPET	118	19.118841	79.380406	11.83	IV	TIRUMALAPUR
39	19.053787	79.520148	12.93	II	BELAMPALLY EAST	79	19.116781	79.404184	22.02	IV	DHARMARAOPET	119	19.099469	79.394286	31.61	V	TIRUMALAPUR
40	19.059981	79.511246	8.71	II	BELAMPALLY EAST	80	19.131186	79.405327	6.58	IV	DHARMARAOPET	120	19.096190	79.399338	36.54	III	TIRUMALAPUR

List of Proposed PTs – Bellampally 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	19.119672	79.374217	31.10	V	TIRUMALAPUR	161	19.198020	79.406874	13.12	II	MADARAM NORTH	201	19.178486	79.379706	9.77	IV	MADARAM SOUTH
122	19.115921	79.348772	6.21	I	VENKATAPUR	162	19.179146	79.412758	10.09	IV	MADARAM NORTH	202	19.102813	79.437029	11.46	IV	MADARAM SOUTH
123	19.116209	79.359359	5.08	I	VENKATAPUR	163	19.193976	79.386013	18.98	IV	MADARAM NORTH	203	19.177549	79.369201	7.05	IV	MADARAM SOUTH
124	19.114461	79.347939	7.49	I	VENKATAPUR	164	19.195165	79.400381	8.55	IV	MADARAM NORTH	204	19.164779	79.385987	50.84	V	MADARAM SOUTH
125	19.124667	79.354714	7.29	II	VENKATAPUR	165	19.185039	79.403282	10.72	IV	MADARAM NORTH	205	19.154614	79.404272	34.62	V	MADARAM SOUTH
126	19.118581	79.349196	4.75	II	VENKATAPUR	166	19.183837	79.395900	5.35	IV	MADARAM NORTH	206	19.065720	79.366335	6.77	II	MALKAPALLY
127	19.122028	79.356342	9.56	II	VENKATAPUR	167	19.180077	79.410025	8.75	IV	MADARAM NORTH	207	19.069412	79.365430	9.93	II	MALKAPALLY
128	19.115045	79.341623	8.22	II	VENKATAPUR	168	19.176504	79.413612	17.12	IV	MADARAM NORTH	208	19.065356	79.338202	24.24	IV	MALKAPALLY
129	19.114349	79.347089	5.99	II	VENKATAPUR	169	19.187447	79.403148	9.18	IV	MADARAM NORTH	209	19.063162	79.371188	36.83	V	MALKAPALLY
130	19.119326	79.354470	10.45	II	VENKATAPUR	170	19.196148	79.375014	8.65	IV	MADARAM NORTH	210	19.025005	79.404414	8.18	II	MUTHYAMPALLY
131	19.121772	79.348414	12.19	II	VENKATAPUR	171	19.203017	79.394195	6.19	IV	MADARAM NORTH	211	19.016990	79.402703	16.52	II	MUTHYAMPALLY
132	19.104374	79.369649	27.46	III	VENKATAPUR	172	19.204674	79.406568	11.32	IV	MADARAM NORTH	212	19.022526	79.402237	14.37	II	MUTHYAMPALLY
133	19.136423	79.363673	5.12	IV	VENKATAPUR	173	19.166541	79.424303	11.63	IV	MADARAM NORTH	213	19.019599	79.401799	10.24	II	MUTHYAMPALLY
134	19.130811	79.361055	11.27	IV	VENKATAPUR	174	19.183063	79.412593	16.76	IV	MADARAM NORTH	214	19.020675	79.401379	7.86	II	MUTHYAMPALLY
135	19.104489	79.359248	11.08	IV	VENKATAPUR	175	19.193204	79.381278	16.18	IV	MADARAM NORTH	215	19.025612	79.390983	10.44	IV	MUTHYAMPALLY
136	19.112495	79.359327	15.37	IV	VENKATAPUR	176	19.200025	79.382246	12.73	IV	MADARAM NORTH	216	19.021906	79.410523	9.34	IV	MUTHYAMPALLY
137	19.129896	79.356091	13.94	IV	VENKATAPUR	177	19.203278	79.412141	11.56	IV	MADARAM NORTH	217	19.014126	79.406190	24.49	IV	MUTHYAMPALLY
138	19.112259	79.366109	12.60	IV	VENKATAPUR	178	19.192279	79.402900	5.81	IV	MADARAM NORTH	218	19.006538	79.414183	7.11	IV	MUTHYAMPALLY
139	19.132791	79.358317	6.37	IV	VENKATAPUR	179	19.175440	79.421976	45.60	V	MADARAM NORTH	219	19.025212	79.392773	7.78	IV	MUTHYAMPALLY
140	19.136050	79.365856	5.25	IV	VENKATAPUR	180	19.183110	79.403966	31.43	V	MADARAM NORTH	220	19.029002	79.390016	8.88	IV	MUTHYAMPALLY
141	19.125693	79.360777	12.41	IV	VENKATAPUR	181	19.099933	79.442622	9.57	II	MADARAM SOUTH	221	19.020338	79.411939	7.69	IV	MUTHYAMPALLY
142	19.136745	79.359650	7.53	IV	VENKATAPUR	182	19.180424	79.363694	5.95	II	MADARAM SOUTH	222	19.013327	79.414808	17.33	IV	MUTHYAMPALLY
143	19.125733	79.357037	25.45	III	VENKATAPUR	183	19.103275	79.435317	22.43	II	MADARAM SOUTH	223	18.999411	79.414390	10.10	IV	MUTHYAMPALLY
144	19.110748	79.348874	21.62	IV	VENKATAPUR	184	19.100769	79.443251	9.57	II	MADARAM SOUTH	224	19.018244	79.412556	13.56	IV	MUTHYAMPALLY
145	19.118743	79.359213	20.75	IV	VENKATAPUR	185	19.172178	79.374637	15.85	II	MADARAM SOUTH	225	19.005559	79.414913	6.67	IV	MUTHYAMPALLY
146	19.114718	79.354070	25.33	V	VENKATAPUR	186	19.105244	79.433491	9.31	II	MADARAM SOUTH	226	19.002369	79.409662	8.20	IV	MUTHYAMPALLY
147	19.109297	79.360666	27.36	V	VENKATAPUR	187	19.151382	79.406227	15.97	IV	MADARAM SOUTH	227	19.010033	79.406131	12.22	IV	MUTHYAMPALLY
148	19.203311	79.368218	14.12	II	ABAPUR	188	19.112938	79.424703	12.41	IV	MADARAM SOUTH	228	19.001389	79.409651	32.28	V	MUTHYAMPALLY
149	19.197329	79.344922	26.14	III	ABAPUR	189	19.152582	79.407330	6.22	IV	MADARAM SOUTH	229	19.006321	79.402965	31.93	V	MUTHYAMPALLY
150	19.195314	79.345667	14.12	IV	ABAPUR	190	19.143282	79.411547	9.87	IV	MADARAM SOUTH	230	19.038952	79.367443	5.19	I	VENKATAPUR
151	19.216945	79.348905	11.78	IV	ABAPUR	191	19.181107	79.366331	5.72	IV	MADARAM SOUTH	231	19.035379	79.370950	4.91	II	VENKATAPUR
152	19.180915	79.345846	11.55	IV	ABAPUR	192	19.156778	79.406258	9.19	IV	MADARAM SOUTH	232	19.043474	79.376955	11.96	IV	VENKATAPUR
153	19.214693	79.356616	12.75	IV	ABAPUR	193	19.147684	79.402692	11.03	IV	MADARAM SOUTH	233	19.057077	79.372159	28.79	V	VENKATAPUR
154	19.207160	79.336807	4.90	IV	ABAPUR	194	19.171460	79.379033	11.70	IV	MADARAM SOUTH	234	19.059306	79.376372	32.72	V	VENKATAPUR
155	19.183961	79.407566	10.06	I	MADARAM NORTH	195	19.146505	79.403470	5.38	IV	MADARAM SOUTH	235	19.057495	79.378319	26.02	V	VENKATAPUR
156	19.192000	79.407248	9.79	II	MADARAM NORTH	196	19.140490	79.407741	9.58	IV	MADARAM SOUTH	236	18.999161	79.552390	12.33	I	JANDA VENKATAPUR
157	19.195084	79.402506	6.88	II	MADARAM NORTH	197	19.108670	79.428807	18.20	IV	MADARAM SOUTH	237	18.978505	79.570406	11.82	I	JANDA VENKATAPUR
158	19.201752	79.416966	14.57	II	MADARAM NORTH	198	19.145663	79.403442	5.20	IV	MADARAM SOUTH	238	18.973415	79.548388	6.63	I	JANDA VENKATAPUR
159	19.168198	79.423939	16.60	II	MADARAM NORTH	199	19.094587	79.444145	8.28	IV	MADARAM SOUTH	239	19.002971	79.556301	18.45	II	JANDA VENKATAPUR
160	19.201630	79.402953	10.28	II	MADARAM NORTH	200	19.180954	79.364974	5.09	IV	MADARAM SOUTH	240	18.992519	79.562692	14.16	II	JANDA VENKATAPUR

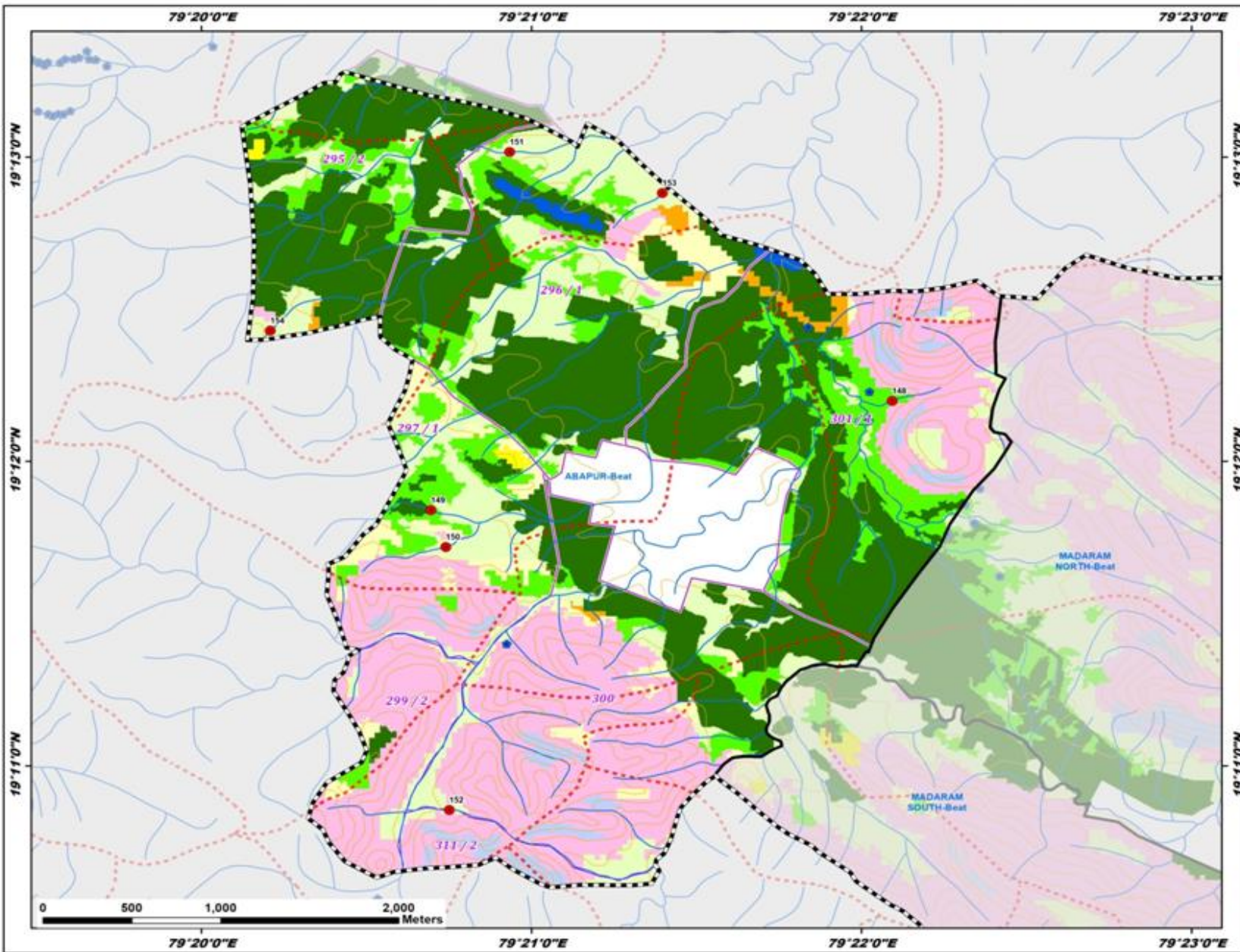
List of Proposed PTs – Bellampally Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	
241	18.966345	79.558956	14.84	II	JANDA VENKATAPUR	281	19.031956	79.552310	12.11	I	NARWAIPET	321	19.246415	79.561612	17.25	II	TANDUR	
242	18.970959	79.554138	11.17	II	JANDA VENKATAPUR	282	19.029838	79.554283	11.34	I	NARWAIPET	322	19.153266	79.489764	21.22	II	TANDUR	
243	18.981114	79.542717	15.44	II	JANDA VENKATAPUR	283	19.017204	79.542391	10.74	II	NARWAIPET	323	19.182142	79.467676	19.61	II	TANDUR	
244	18.990525	79.563162	13.42	IV	JANDA VENKATAPUR	284	19.024733	79.536049	17.65	II	NARWAIPET	324	19.284770	79.510683	24.04	II	TANDUR	
245	18.984323	79.567214	12.76	IV	JANDA VENKATAPUR	285	19.040137	79.552104	5.28	II	NARWAIPET	325	19.152111	79.492945	13.72	II	TANDUR	
246	19.001664	79.555830	8.09	IV	JANDA VENKATAPUR	286	19.032242	79.543833	4.86	II	NARWAIPET	326	19.161411	79.488481	8.52	II	TANDUR	
247	18.992142	79.555986	8.34	IV	JANDA VENKATAPUR	287	19.031434	79.543683	7.92	II	NARWAIPET	327	19.155351	79.498261	8.82	IV	TANDUR	
248	18.979602	79.562969	9.33	IV	JANDA VENKATAPUR	288	19.028549	79.537586	17.73	II	NARWAIPET	328	19.168902	79.476442	9.71	IV	TANDUR	
249	18.982212	79.573530	30.89	V	JANDA VENKATAPUR	289	19.034986	79.552439	16.60	II	NARWAIPET	329	19.145344	79.506708	13.65	IV	TANDUR	
250	18.963711	79.560767	32.71	V	JANDA VENKATAPUR	290	19.020503	79.541204	5.94	II	NARWAIPET	330	19.161973	79.493412	17.83	IV	TANDUR	
251	19.015405	79.566011	8.45	I	METPALLY	291	19.028195	79.547085	8.25	IV	NARWAIPET	331	19.146076	79.507945	15.43	IV	TANDUR	
252	19.024737	79.550419	9.92	I	METPALLY	292	19.025831	79.545689	8.42	IV	NARWAIPET	332	19.165408	79.485290	43.53	V	TANDUR	
253	19.020563	79.552452	8.89	I	METPALLY	293	19.115317	79.548941	21.30	I	RALLAPET	333	19.170277	79.480935	27.11	V	TANDUR	
254	19.023690	79.558177	9.71	I	METPALLY	294	19.124813	79.519167	8.24	II	RALLAPET							
255	19.024439	79.559317	8.61	I	METPALLY	295	19.131732	79.530730	18.07	II	RALLAPET							
256	19.003038	79.563703	17.01	II	METPALLY	296	19.132660	79.519173	16.64	II	RALLAPET							
257	19.011438	79.562752	7.57	II	METPALLY	297	19.128527	79.544820	13.81	II	RALLAPET							
258	19.023677	79.550715	5.40	II	METPALLY	298	19.104092	79.545285	22.21	II	RALLAPET							
259	19.017746	79.555330	13.51	II	METPALLY	299	19.121156	79.546940	11.72	II	RALLAPET							
260	19.009026	79.557913	11.24	II	METPALLY	300	19.130324	79.535479	32.25	II	RALLAPET							
261	19.013577	79.561063	19.60	II	METPALLY	301	19.129415	79.522330	26.09	III	RALLAPET							
262	19.013119	79.556008	13.08	II	METPALLY	302	19.130589	79.528658	9.81	IV	RALLAPET							
263	18.986669	79.578999	8.29	IV	METPALLY	303	19.115600	79.537597	93.72	IV	RALLAPET							
264	19.021151	79.562269	22.82	IV	METPALLY	304	19.113631	79.546678	57.68	IV	RALLAPET							
265	19.010592	79.563415	7.30	IV	METPALLY	305	19.130391	79.527290	52.69	V	RALLAPET							
266	19.028500	79.562142	10.81	IV	METPALLY	306	19.128398	79.520623	31.62	III	RALLAPET							
267	19.019341	79.566747	7.06	IV	METPALLY	307	19.144009	79.502116	11.52	I	TANDUR							
268	19.008482	79.566133	20.99	IV	METPALLY	308	19.181830	79.448746	6.74	I	TANDUR							
269	18.986674	79.576845	22.15	IV	METPALLY	309	19.181154	79.450041	12.30	I	TANDUR							
270	18.993794	79.573033	16.48	IV	METPALLY	310	19.150360	79.513753	17.07	I	TANDUR							
271	19.029499	79.556496	10.18	IV	METPALLY	311	19.159583	79.496673	8.07	I	TANDUR							
272	18.997541	79.569861	28.64	V	METPALLY	312	19.148233	79.497068	12.28	I	TANDUR							
273	19.023549	79.563510	43.57	V	METPALLY	313	19.139821	79.507410	8.20	I	TANDUR							
274	18.994516	79.573386	50.76	V	METPALLY	314	19.175976	79.471677	14.20	I	TANDUR							
275	19.012842	79.551088	11.42	I	NARWAIPET	315	19.158019	79.498796	6.84	I	TANDUR							
276	19.037907	79.547201	8.84	I	NARWAIPET	316	19.153829	79.491580	15.28	II	TANDUR							
277	19.014185	79.542172	14.92	I	NARWAIPET	317	19.171829	79.471899	17.07	II	TANDUR							
278	19.011323	79.544347	17.48	I	NARWAIPET	318	19.249676	79.558087	9.75	II	TANDUR							
279	19.019082	79.550865	10.60	I	NARWAIPET	319	19.161366	79.489212	9.42	II	TANDUR							
280	19.032936	79.545425	11.30	I	NARWAIPET	320	19.151756	79.513752	6.48	II	TANDUR							

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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
148	19.203311	79.368218	14.12	II
149	19.197329	79.344922	26.14	III
150	19.195314	79.345667	14.12	IV
151	19.216945	79.348905	11.78	IV
152	19.180915	79.345846	11.55	IV
153	19.214693	79.356616	12.75	IV
154	19.207160	79.336807	4.90	IV

Legend

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

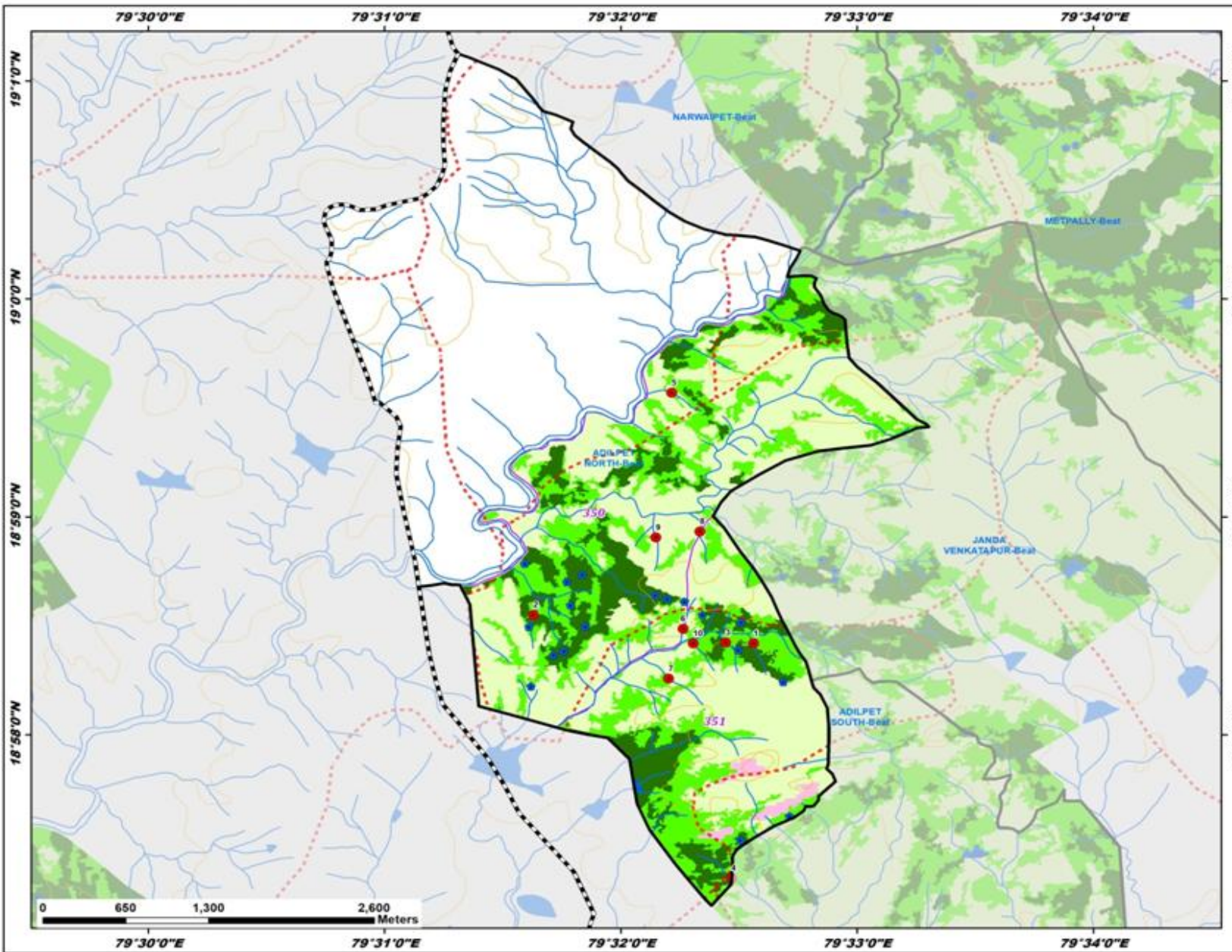
Suitability Index

- 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 Adilpet North Beat



Division : Bellampally
Range : Bellampally



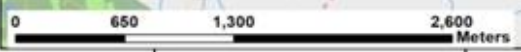
ID	Latitude	Longitude	Catchment Area_ha	Priority
1	18.973661	79.542700	16.46	I
2	18.975837	79.527168	6.47	II
3	18.973731	79.540734	8.92	II
4	18.955716	79.541134	20.06	II
5	18.992821	79.536933	11.53	II
6	18.974778	79.537732	9.11	IV
7	18.970974	79.536707	13.11	IV
8	18.982220	79.538918	12.15	IV
9	18.981758	79.535806	10.59	IV
10	18.973654	79.538449	7.89	IV

Legend

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

Suitability Index

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



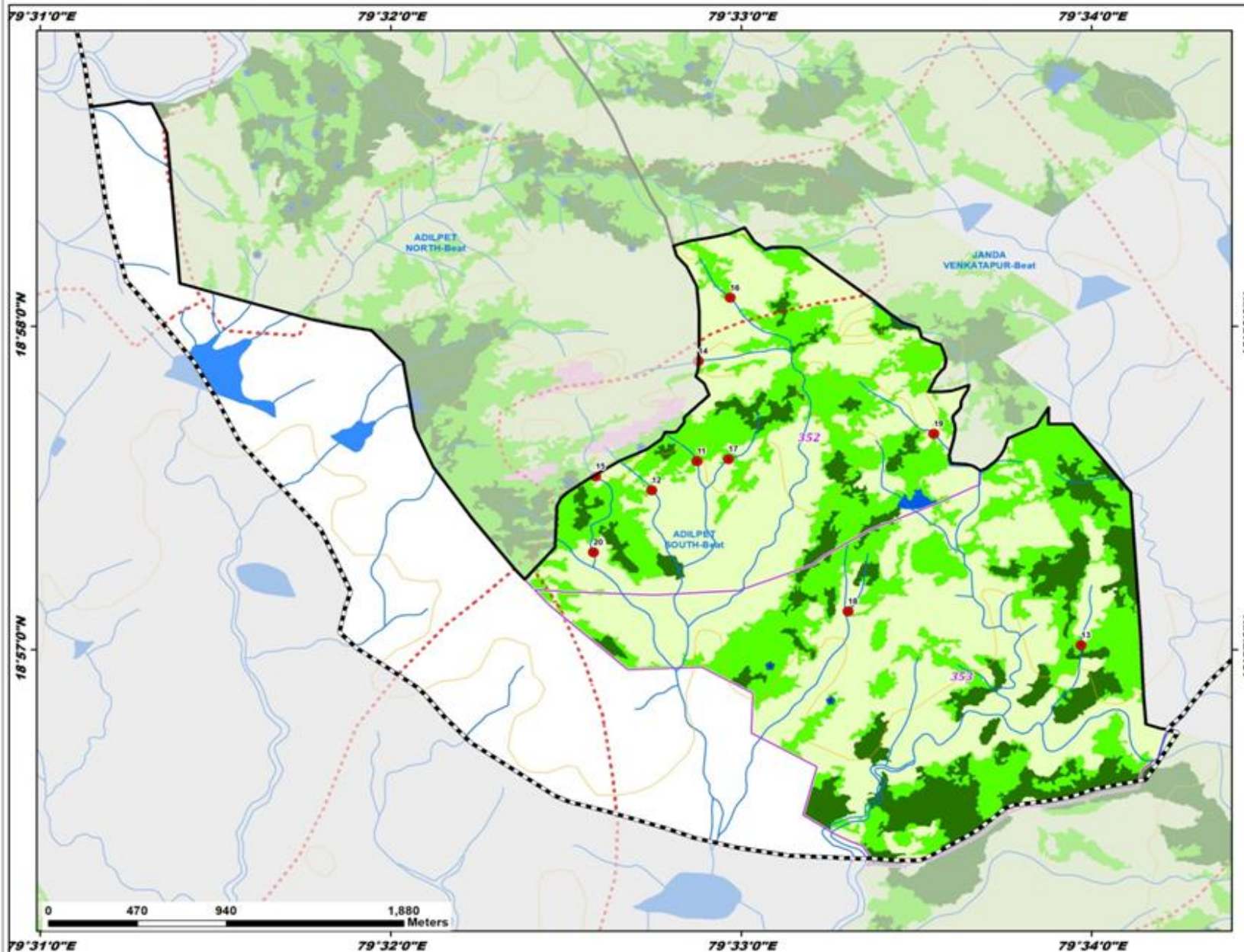
79°30'0"E 79°31'0"E 79°32'0"E 79°33'0"E 79°34'0"E

18°58'0"N
18°59'0"N
19°0'0"N
19°1'0"N

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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
11	18.959719	79.547901	11.18	II
12	18.958212	79.545758	12.43	II
13	18.950226	79.566170	27.52	III
14	18.964868	79.547970	8.86	IV
15	18.958927	79.543090	15.04	IV
16	18.968131	79.549484	19.11	IV
17	18.959826	79.549401	11.95	IV
18	18.951966	79.555093	10.08	IV
19	18.961128	79.559168	22.92	IV
20	18.955015	79.542972	28.53	V

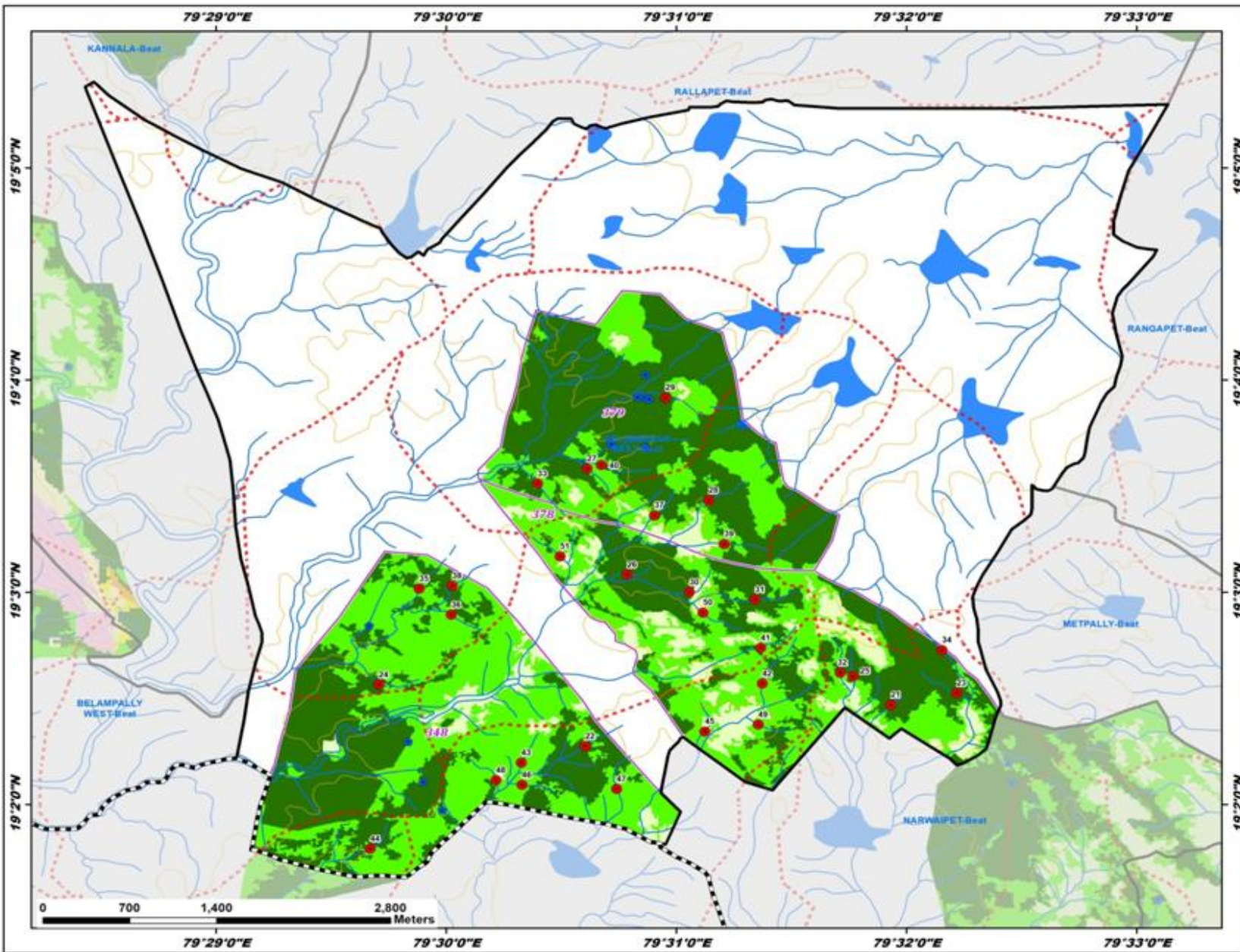
Legend

- 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 Bellampally East Beat



Division : Bellampally S
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
21	19.041161	79.532224	4.79	I
22	19.037907	79.510068	13.46	I
23	19.042089	79.536985	9.55	I
24	19.042732	79.495136	20.73	I
25	19.043388	79.529451	6.74	I
26	19.051386	79.513103	5.45	I
27	19.059705	79.510212	7.71	I
28	19.057227	79.519025	20.62	I
29	19.065285	79.515888	5.65	I
30	19.049997	79.517621	7.12	I
31	19.049430	79.522369	15.51	I
32	19.043692	79.528536	13.26	I
33	19.058539	79.506616	14.59	I
34	19.045465	79.535921	11.77	I
35	19.050272	79.498040	13.83	I
36	19.048238	79.500369	13.09	II
37	19.056039	79.515079	6.83	II
38	19.050512	79.500440	26.95	II
39	19.053787	79.520148	12.93	II
40	19.059981	79.511246	8.71	II
41	19.045629	79.522780	9.33	II
42	19.042832	79.522898	13.59	II
43	19.036624	79.505456	6.68	II
44	19.029856	79.494507	17.00	II
45	19.039070	79.518748	7.99	II
46	19.034868	79.505502	5.81	II
47	19.034555	79.512348	7.83	II
48	19.035250	79.503606	9.05	II
49	19.039616	79.522598	8.00	IV
50	19.048404	79.518592	9.96	IV
51	19.052822	79.508252	8.85	IV

Legend

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

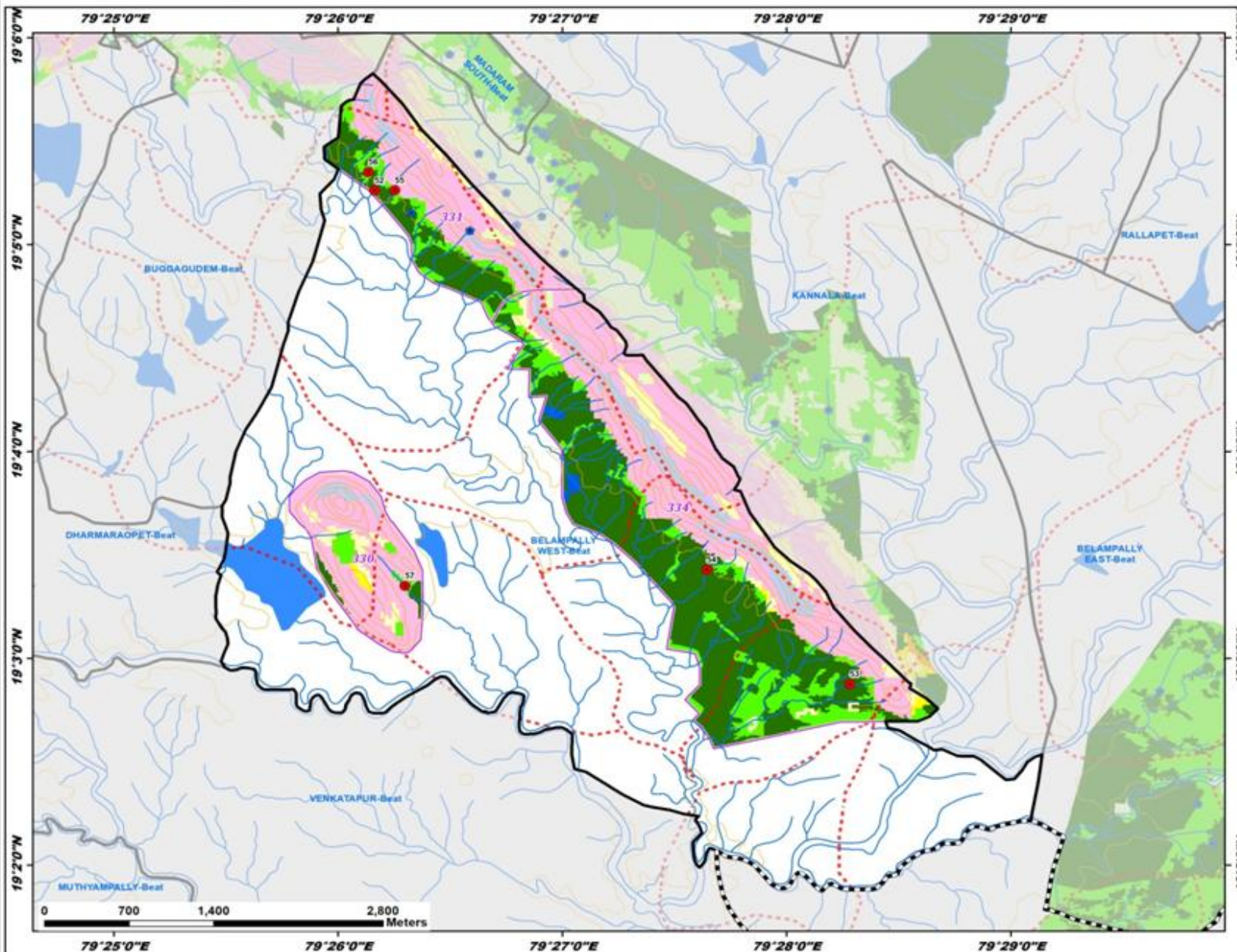
Suitability Index

- 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 Bellampally West Beat



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
52	19.087695	79.436055	5.31	I
53	19.047922	79.471360	6.28	I
54	19.057150	79.460745	9.28	I
55	19.087698	79.437556	6.79	II
56	19.089169	79.435596	6.04	II
57	19.055835	79.438321	21.47	II

Legend

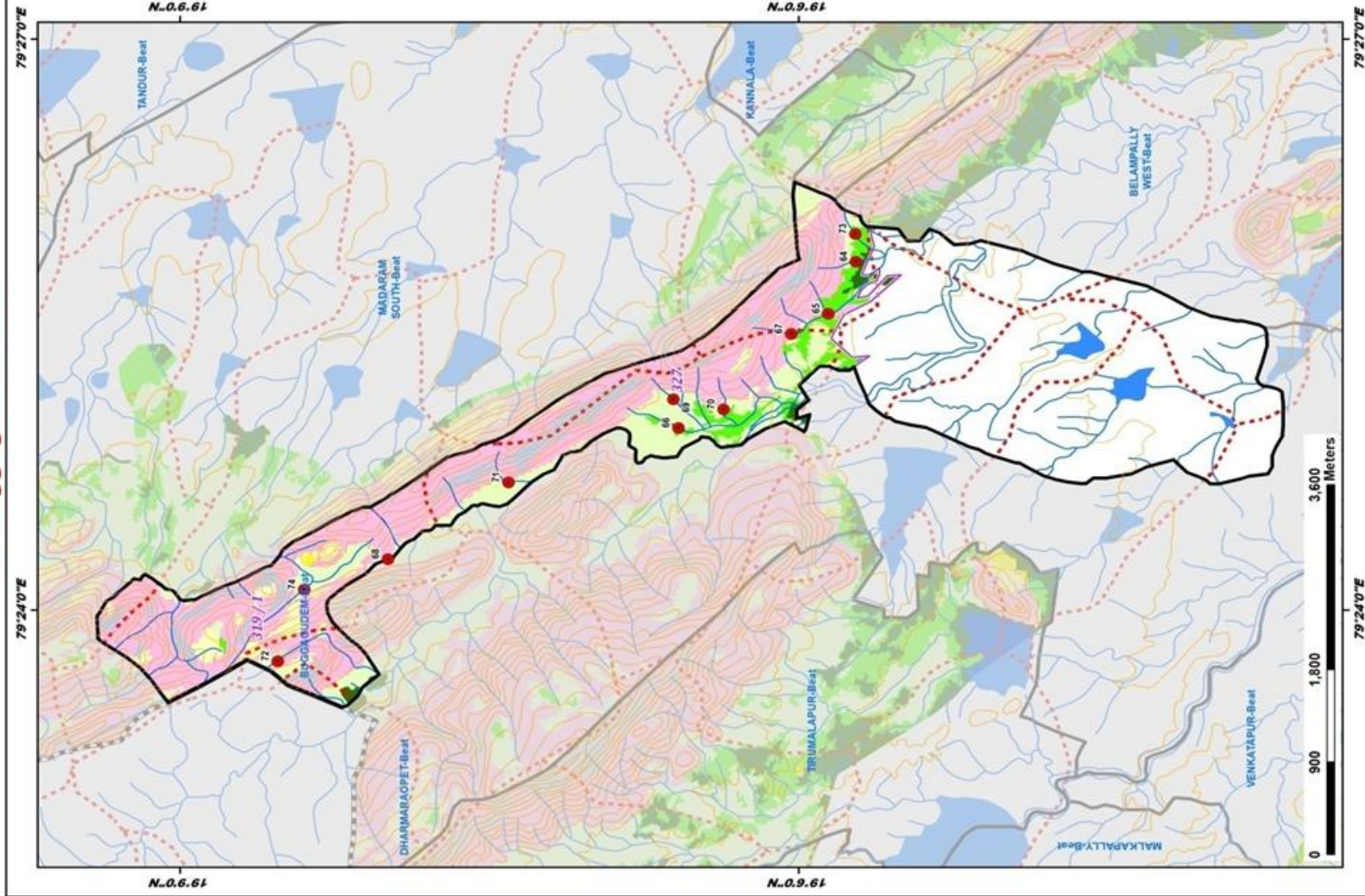
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Bellampally
Range : Bellampally



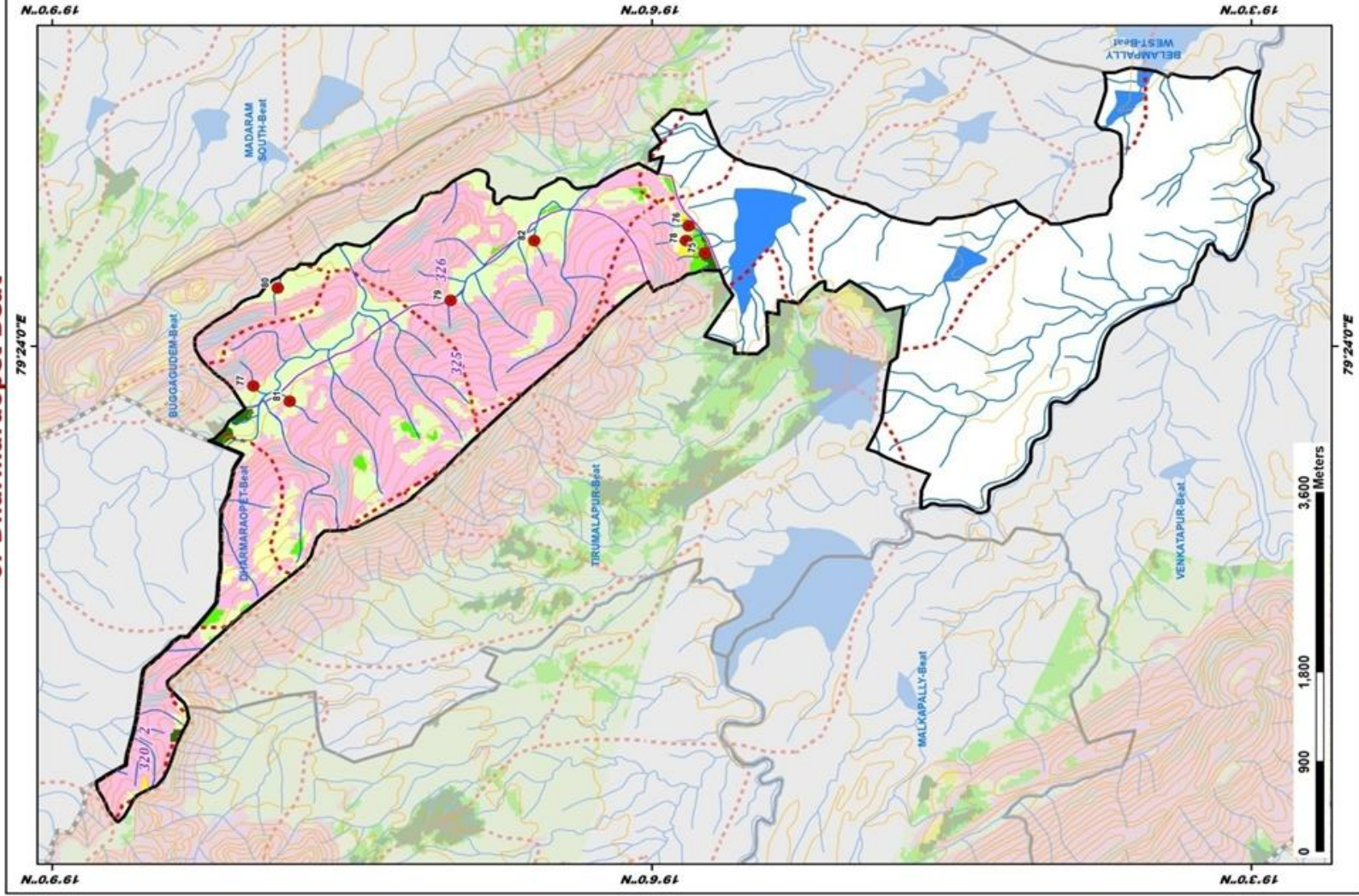
ID	Latitude	Longitude	Catchment Area, ha	Priority
64	19.095359	79.430551	8.31	II
65	19.097578	79.426004	8.17	II
66	19.109704	79.415977	21.77	IV
67	19.100579	79.424202	10.24	IV
68	19.133173	79.404497	23.00	IV
69	19.110113	79.418493	10.60	IV
70	19.106066	79.417604	10.99	IV
71	19.123437	79.411221	8.08	IV
72	19.142103	79.395569	7.17	IV
73	19.095410	79.432987	19.60	IV
74	19.139944	79.401833	45.58	V

LEGEND

- Proposed PTs (Red circle)
- Existing CD/PTs (Blue circle)
- Contours (Brown line)
- Streams (Blue line)
- Watershed Boundary (Dotted red line)
- Compartment Boundary (Black line)
- Beat Boundary (Thick black line)
- Division Boundary (Thin black line)
- Suitability Index**
 - CCTs/SCTs - Highly Suitable (Orange)
 - CCTs/SCTs - Moderately Suitable (Yellow)
 - CCTs/SCTs - Least Suitable (Light Green)
 - PTs - Highly Suitable (Dark Green)
 - PTs - Moderately Suitable (Light Green)
 - PTs - Least Suitable (Pink)
 - MPTs and SGPt - Suitable (Light Blue)
 - Not Suitable (White)
 - Water Body (Blue)

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

Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
75	19.095571	79.408476	4.82	II
76	19.096934	79.410910	10.16	II
77	19.133229	79.396467	7.89	IV
78	19.097139	79.409587	11.25	IV
79	19.116781	79.404184	22.02	IV
80	19.131186	79.405327	6.58	IV
81	19.130197	79.395067	17.12	IV
82	19.109802	79.409585	5.79	IV

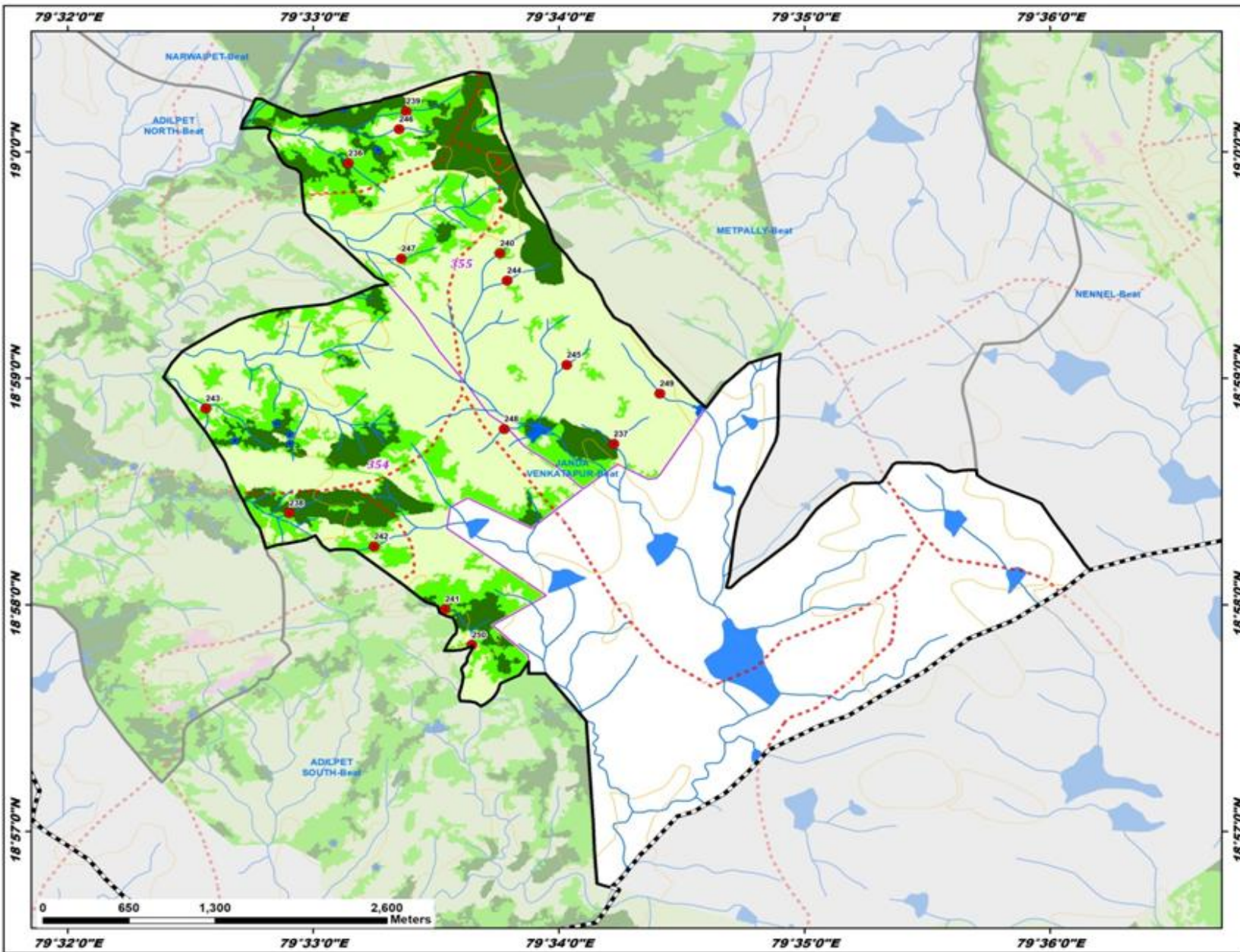
LEGEND

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

Map Showing Suitability index for Construction of SMC Works of Janda Venkatapur Beat



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
236	18.999161	79.552390	12.33	I
237	18.978505	79.570406	11.82	I
238	18.973415	79.548388	6.63	I
239	19.002971	79.556301	18.45	II
240	18.992519	79.562692	14.16	II
241	18.966345	79.558956	14.84	II
242	18.970959	79.554138	11.17	II
243	18.981114	79.542717	15.44	II
244	18.990525	79.563162	13.42	IV
245	18.984323	79.567214	12.76	IV
246	19.001664	79.555830	8.09	IV
247	18.992142	79.555986	8.34	IV
248	18.979602	79.562969	9.33	IV
249	18.982212	79.573530	30.89	V
250	18.963711	79.560767	32.71	V

Legend

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

Suitability Index

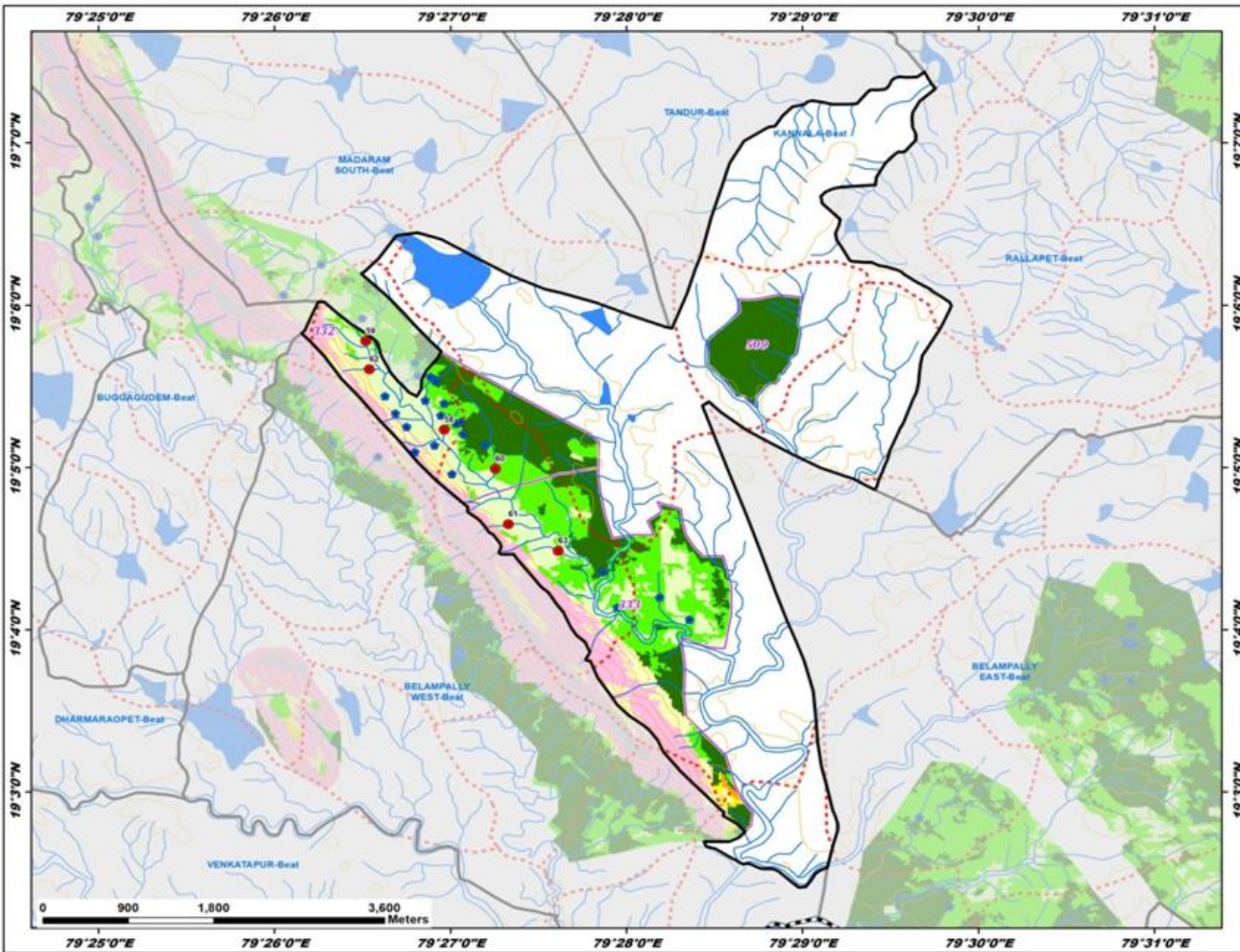
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
58	19.087217	79.449414	7.82	III
59	19.096330	79.441992	6.51	III
60	19.083196	79.454254	36.13	III
61	19.077514	79.455479	10.26	IV
62	19.093418	79.442329	9.78	IV
63	19.074778	79.460215	14.91	IV

Legend

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

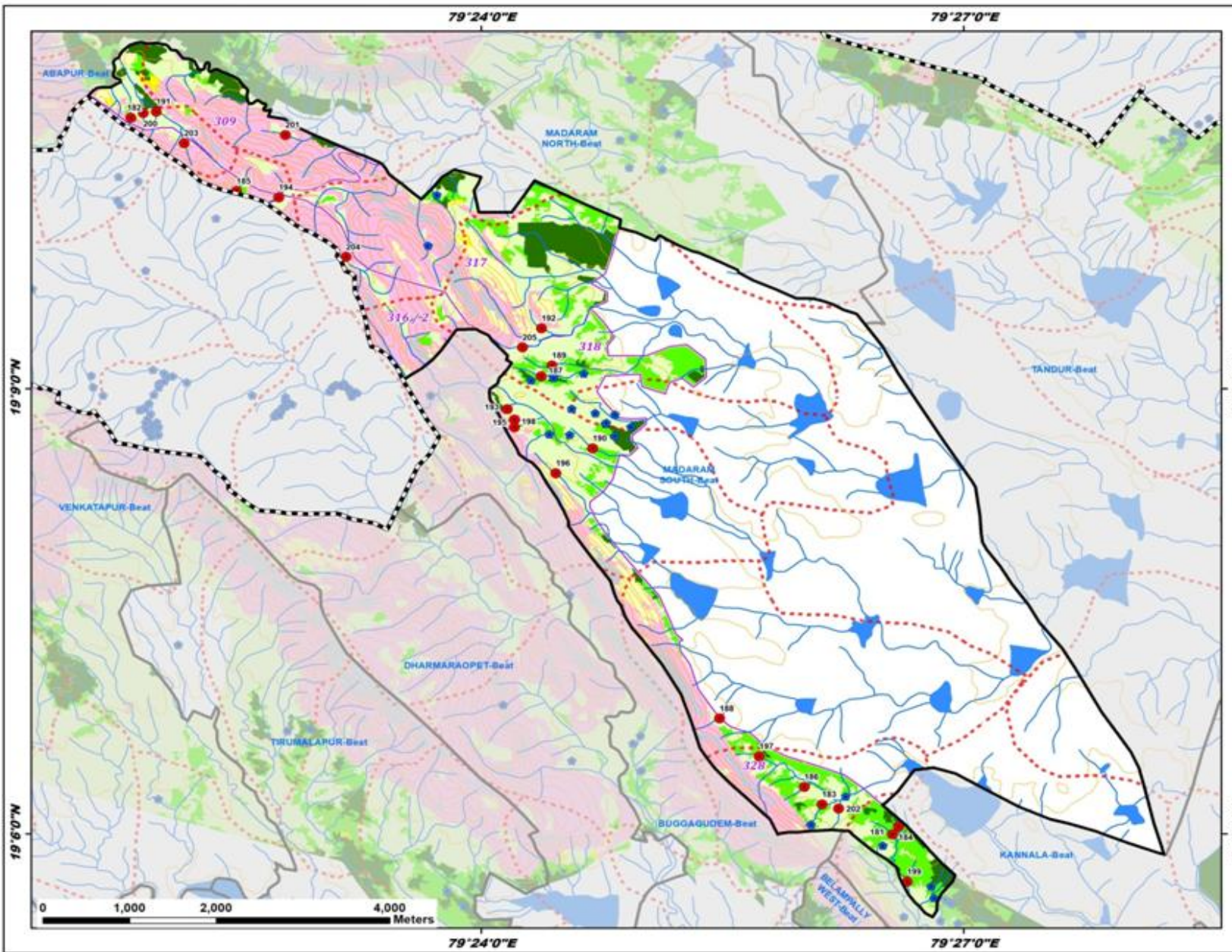
Suitability Index

- 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 Madaram South Beat



Division : Bellampally
Range : Bellampally



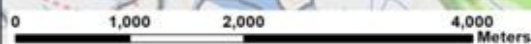
ID	Latitude	Longitude	Catchment Area_ha	Priority
181	19.099933	79.442622	9.57	II
182	19.180424	79.363694	5.95	II
183	19.103275	79.435317	22.43	II
184	19.100769	79.443251	9.57	II
185	19.172178	79.374637	15.85	II
186	19.105244	79.433491	9.31	II
187	19.151382	79.406227	15.97	IV
188	19.112938	79.424703	12.41	IV
189	19.152582	79.407330	6.22	IV
190	19.143282	79.411547	9.87	IV
191	19.181107	79.366331	5.72	IV
192	19.156778	79.406258	9.19	IV
193	19.147684	79.402692	11.03	IV
194	19.171460	79.379033	11.70	IV
195	19.146505	79.403470	5.38	IV
196	19.140490	79.407741	9.58	IV
197	19.108670	79.428807	18.20	IV
198	19.145663	79.403442	5.20	IV
199	19.094587	79.444145	8.28	IV
200	19.180954	79.364974	5.09	IV
201	19.178486	79.379706	9.77	IV
202	19.102813	79.437029	11.46	IV
203	19.177549	79.369201	7.05	IV
204	19.164779	79.385987	50.84	V
205	19.154614	79.404272	34.62	V

Legend

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

Suitability Index

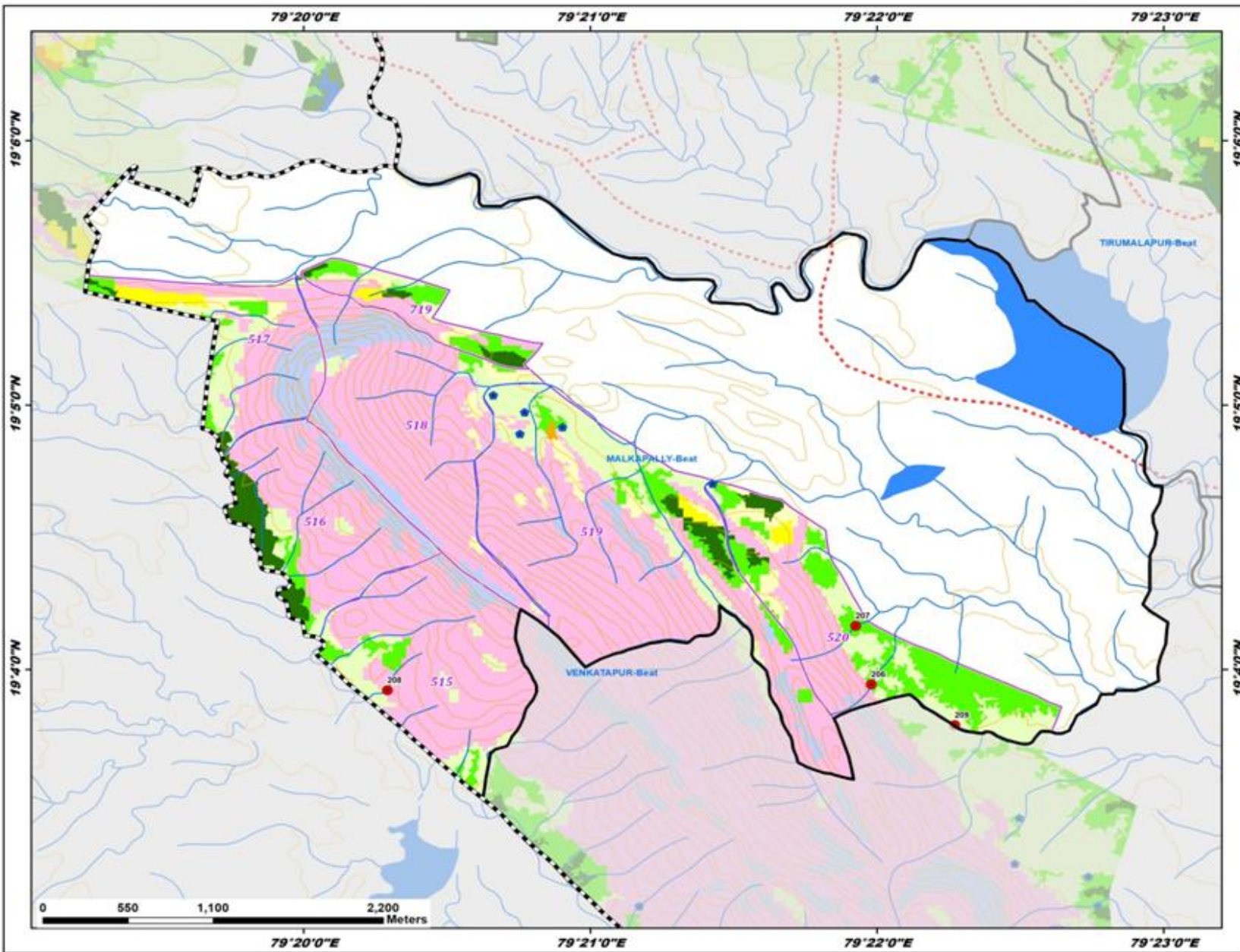
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
206	19.065720	79.366335	6.77	II
207	19.069412	79.365430	9.93	II
208	19.065356	79.338202	24.24	IV
209	19.063162	79.371188	36.83	V

Legend

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

Suitability Index

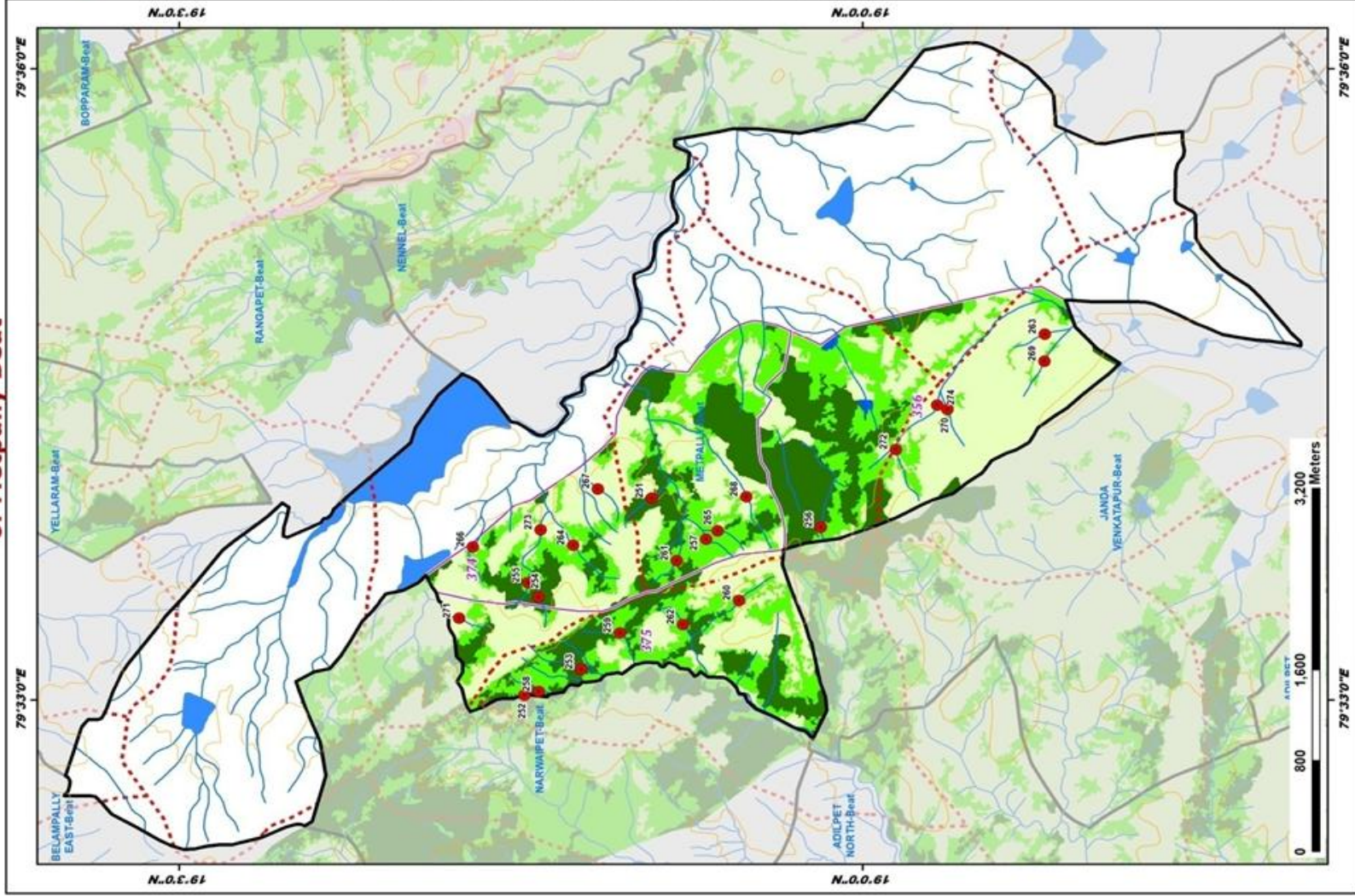
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
251	19.015405	79.566011	8.45	I
252	19.024737	79.550419	9.92	I
253	19.020563	79.552452	8.89	I
254	19.023690	79.558177	9.71	I
255	19.024439	79.559317	8.61	I
256	19.003038	79.563703	17.01	II
257	19.011438	79.562752	7.57	II
258	19.023677	79.550715	5.40	II
259	19.017746	79.555330	13.51	II
260	19.009026	79.557913	11.24	II
261	19.013577	79.561063	19.60	II
262	19.013119	79.556008	13.08	II
263	18.986669	79.578999	8.29	IV
264	19.021151	79.562769	22.82	IV
265	19.010592	79.563415	7.30	IV
266	19.028500	79.562142	10.81	IV
267	19.019341	79.566747	7.06	IV
268	19.008482	79.566133	20.99	IV
269	18.986674	79.576945	22.15	IV
270	18.993794	79.573033	16.48	IV
271	19.029489	79.556496	10.18	IV
272	18.997541	79.569861	28.64	V
273	19.023549	79.563510	43.57	V
274	18.994516	79.573386	50.76	V

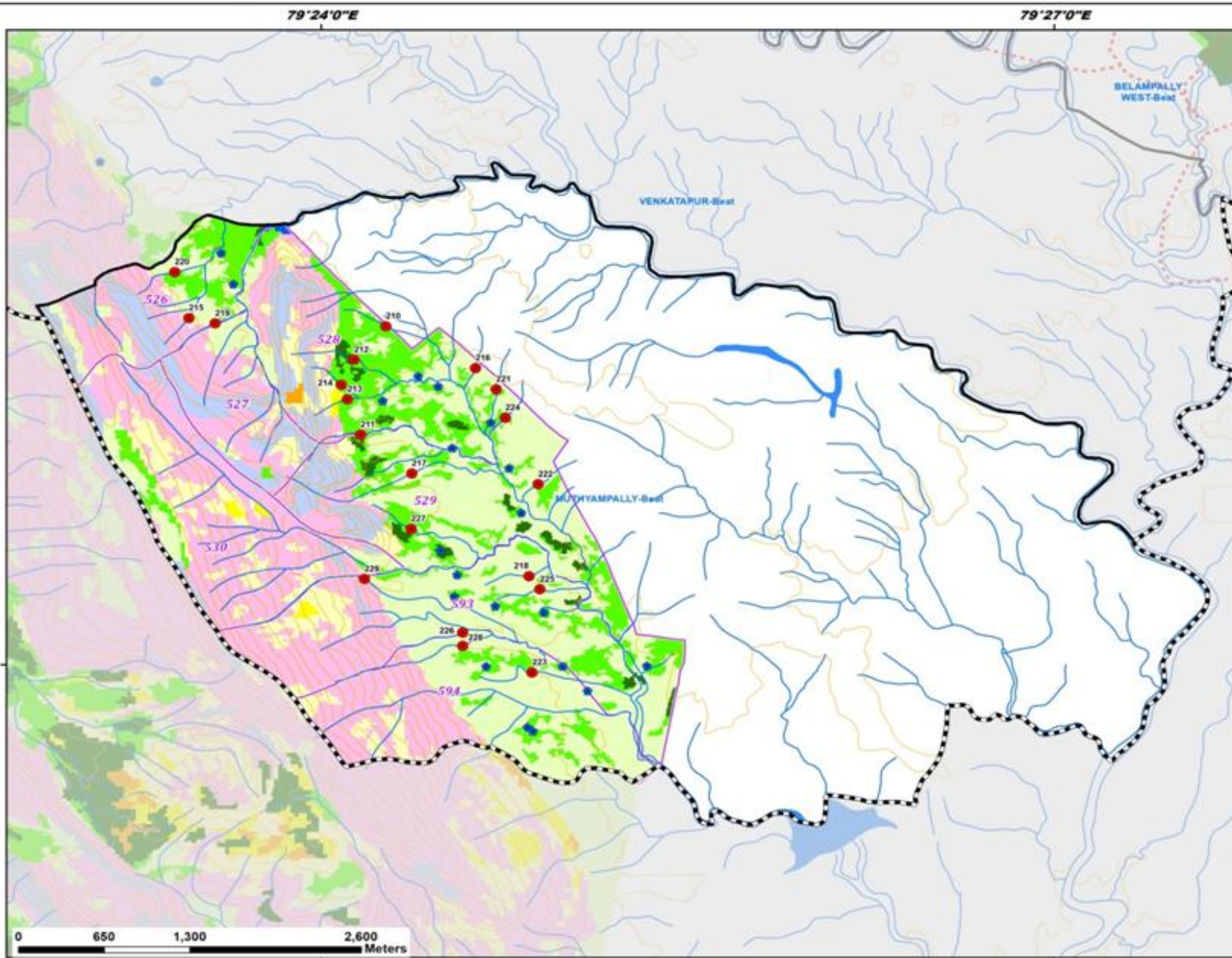
LEGEND

- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Orange line)
- Streams (Blue line)
- Watershed Boundary (Dashed red line)
- Compartment Boundary (Black outline)
- Beat Boundary (Black outline)
- Division Boundary (Dashed red line)
- Suitability Index**
 - CCTs/SCTs - Highly Suitable (Dark Green)
 - CCTs/SCTs - Moderately Suitable (Light Green)
 - CCTs/SCTs - Least Suitable (Yellow)
 - PTs - Highly Suitable (Dark Green)
 - PTs - Moderately Suitable (Light Green)
 - PTs - Least Suitable (Yellow)
 - MPTs and SCPs - Suitable (Light Blue)
 - Not Suitable (White)
 - Water Body (Blue)

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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
210	19.025005	79.404414	8.18	II
211	19.016990	79.402703	16.52	II
212	19.022526	79.402237	14.37	II
213	19.019599	79.401799	10.24	II
214	19.020675	79.401379	7.86	II
215	19.025612	79.390983	10.44	IV
216	19.021906	79.410523	9.34	IV
217	19.014126	79.406190	24.49	IV
218	19.006538	79.414183	7.11	IV
219	19.025212	79.392773	7.78	IV
220	19.029002	79.390016	8.88	IV
221	19.020338	79.411939	7.69	IV
222	19.013327	79.414808	17.33	IV
223	18.999411	79.414390	10.10	IV
224	19.018244	79.412556	13.56	IV
225	19.005559	79.414913	6.67	IV
226	19.002369	79.409662	8.20	IV
227	19.010033	79.406131	12.22	IV
228	19.001389	79.409651	32.28	V
229	19.006321	79.402965	31.93	V

Legend

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

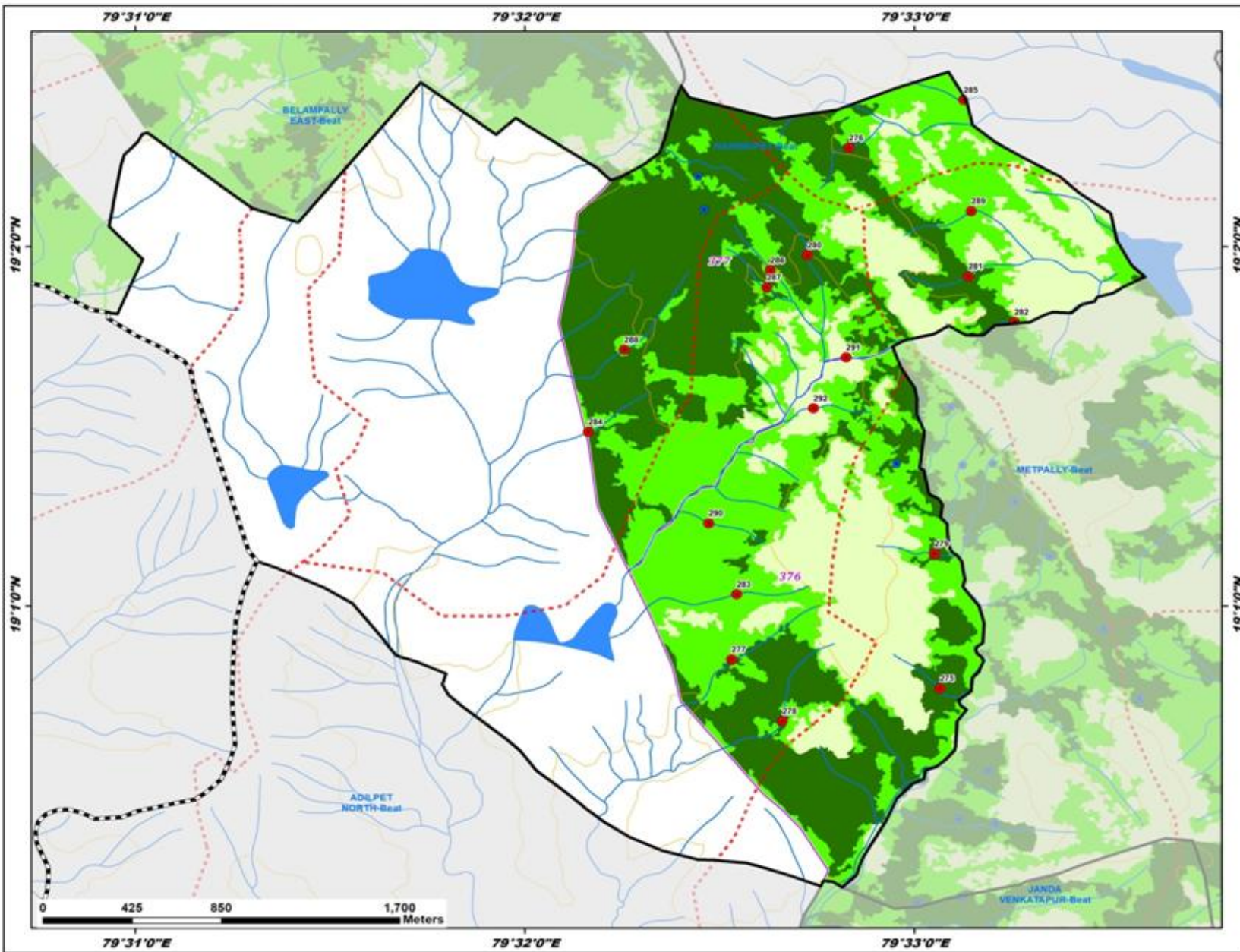
Suitability Index

- 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 Narwaipet Beat



Division : Bellampally
Range : Bellampally



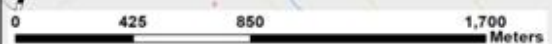
ID	Latitude	Longitude	Catchment Area_ha	Priority
275	19.012842	79.551088	11.42	I
276	19.037907	79.547201	8.84	I
277	19.014185	79.542172	14.92	I
278	19.011323	79.544347	17.48	I
279	19.019082	79.550865	10.60	I
280	19.032936	79.545425	11.30	I
281	19.031956	79.552310	12.11	I
282	19.029838	79.554283	11.34	I
283	19.017204	79.542391	10.74	II
284	19.024733	79.536049	17.65	II
285	19.040137	79.552104	5.28	II
286	19.032242	79.543833	4.86	II
287	19.031434	79.543683	7.92	II
288	19.028549	79.537586	17.73	II
289	19.034986	79.552439	16.60	II
290	19.020503	79.541204	5.94	II
291	19.028195	79.547085	8.25	IV
292	19.025831	79.545689	8.42	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



79°31'0"E 79°32'0"E 79°33'0"E

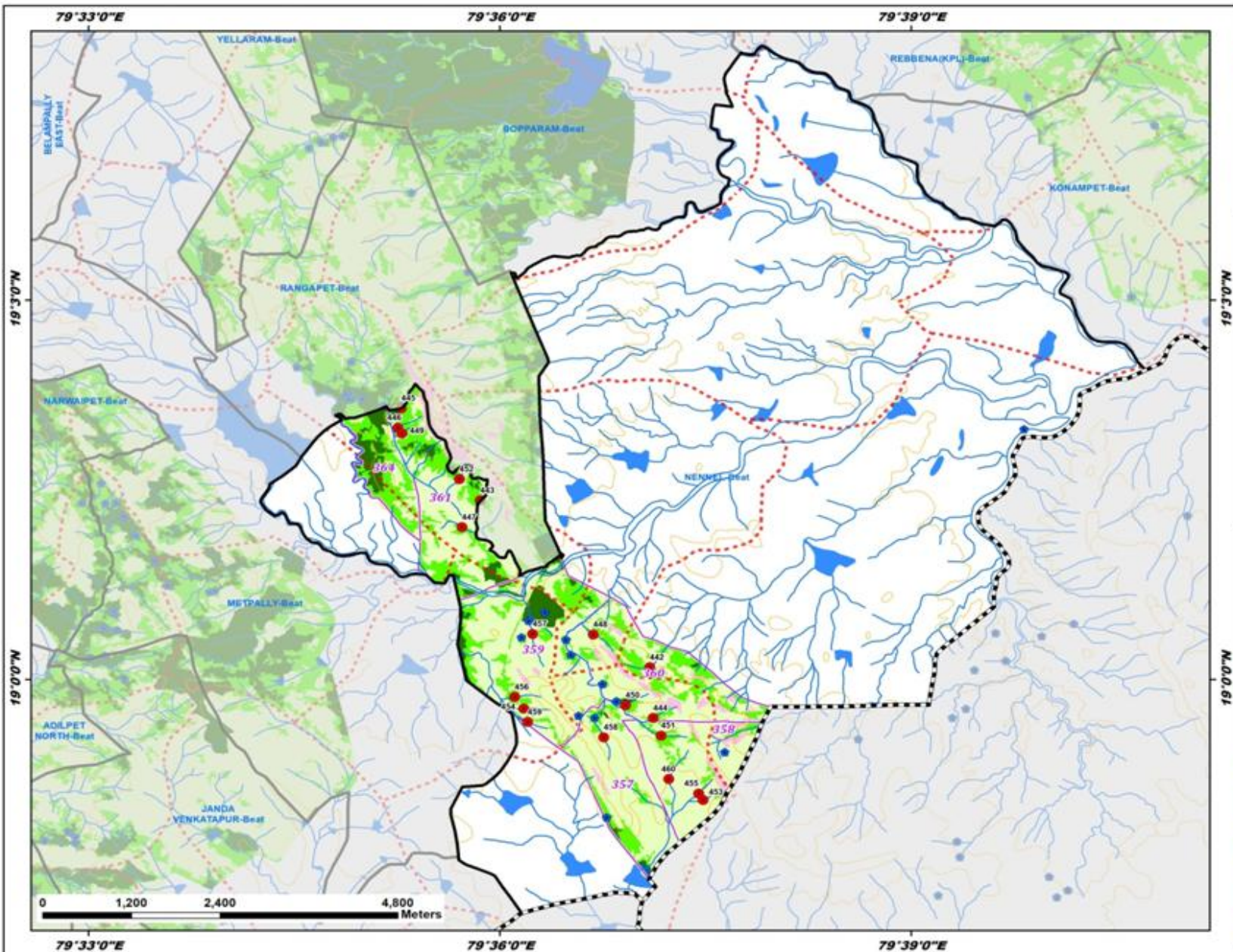
19°20'N
19°10'N

19°20'N
19°10'N

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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
442	19.001604	79.618264	8.70	II
443	19.023592	79.597649	16.39	II
444	18.994931	79.618690	13.47	II
445	19.035751	79.588044	15.05	II
446	19.033174	79.587635	9.02	II
447	19.020079	79.595434	18.14	II
448	19.005929	79.611389	6.81	II
449	19.032442	79.588124	6.93	II
450	18.996597	79.615294	13.75	II
451	18.992603	79.619646	16.13	II
452	19.026388	79.595122	12.48	II
453	18.984107	79.624732	14.59	IV
454	18.996160	79.602932	9.01	IV
455	18.984974	79.624208	11.60	IV
456	18.997686	79.601829	10.96	IV
457	19.006002	79.604028	20.48	IV
458	18.992378	79.612648	11.33	IV
459	18.994399	79.603409	13.51	IV
460	18.986874	79.620572	50.52	V

Legend

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

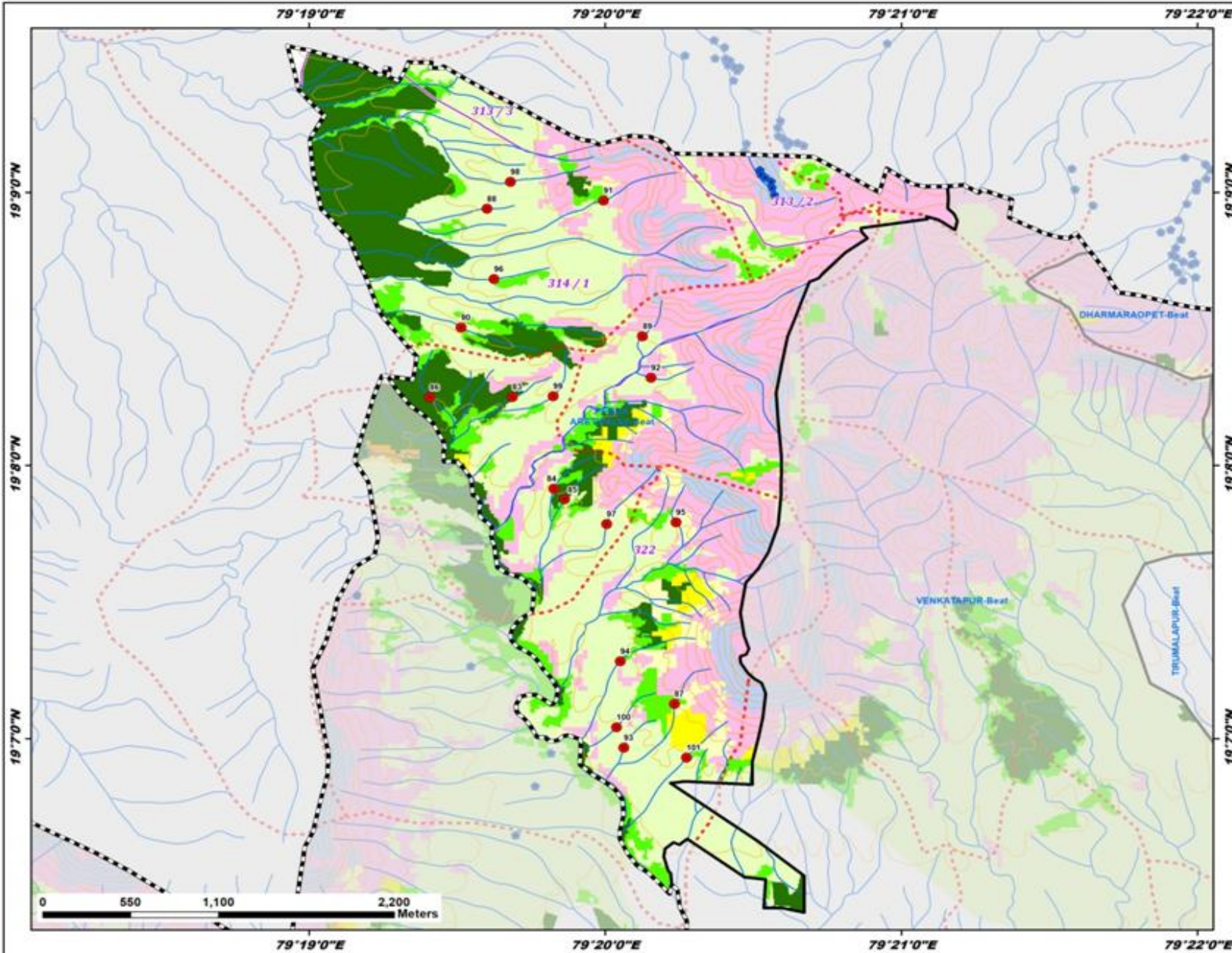
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Pedda Aretipally Beat



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
83	19.137517	79.328113	5.44	I
84	19.131921	79.330454	5.60	I
85	19.131267	79.331058	9.96	I
86	19.137492	79.323467	13.50	I
87	19.118789	79.337236	8.49	II
88	19.148994	79.326682	6.79	IV
89	19.141223	79.335446	4.64	IV
90	19.141748	79.325235	11.59	IV
91	19.149498	79.333241	23.79	IV
92	19.138693	79.335926	7.32	IV
93	19.116109	79.334378	4.52	IV
94	19.121379	79.334185	11.26	IV
95	19.129869	79.337319	4.51	IV
96	19.144706	79.327079	9.76	IV
97	19.129753	79.334227	7.96	IV
98	19.150638	79.328001	7.02	IV
99	19.137560	79.330414	7.79	IV
100	19.117364	79.333983	11.18	IV
101	19.115509	79.337907	10.29	IV

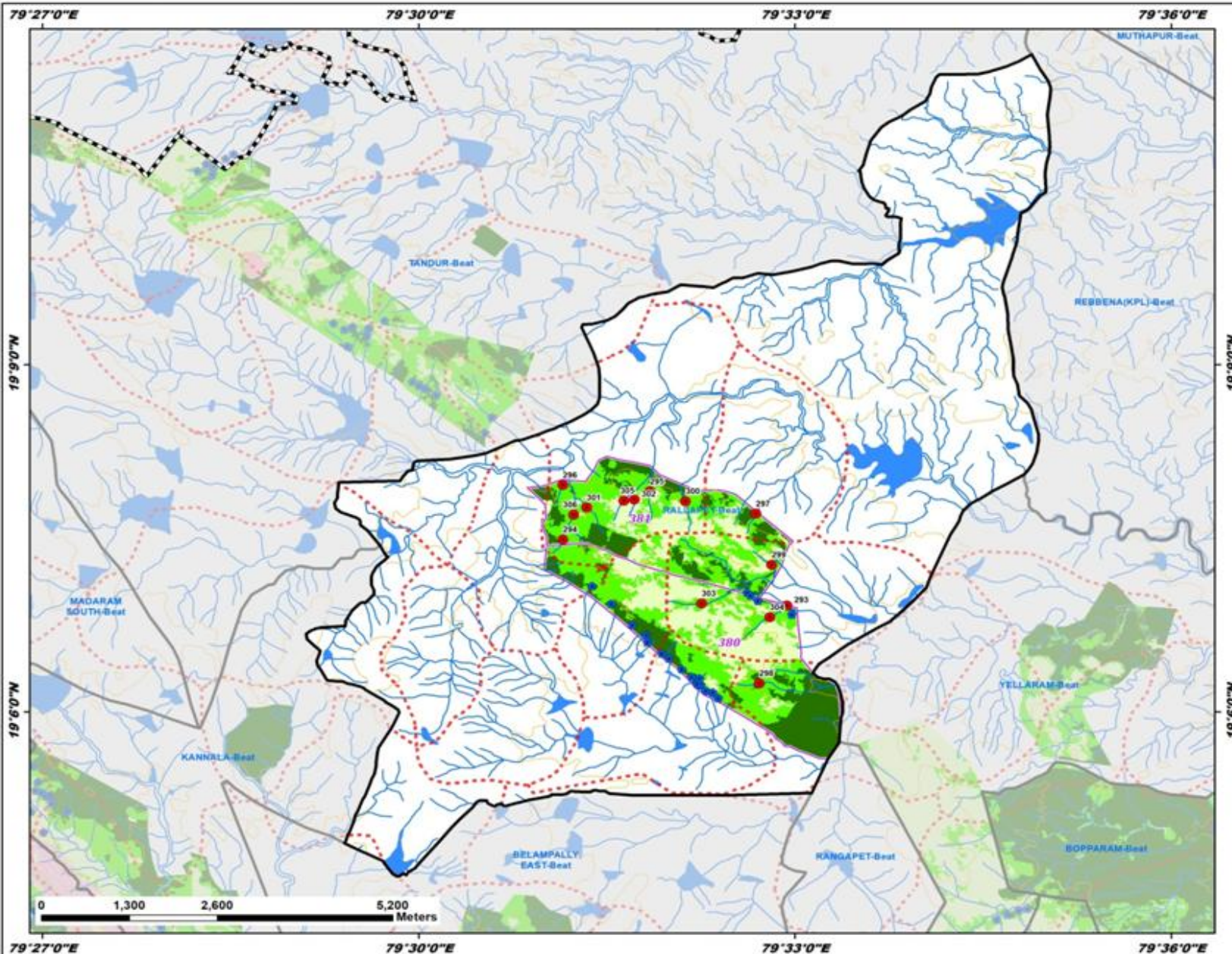
Legend

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

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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
293	19.115317	79.548941	21.30	I
294	19.124813	79.519167	8.24	II
295	19.131732	79.530730	18.07	II
296	19.132660	79.519173	16.64	II
297	19.128527	79.544820	13.81	II
298	19.104092	79.545285	22.21	II
299	19.121156	79.546940	11.72	II
300	19.130324	79.535479	32.25	II
301	19.129415	79.522330	26.09	III
302	19.130589	79.528658	9.81	IV
303	19.115600	79.537597	93.72	IV
304	19.113631	79.546678	57.68	IV
305	19.130391	79.527290	52.69	V
306	19.128398	79.520623	31.62	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 Tandur Beat

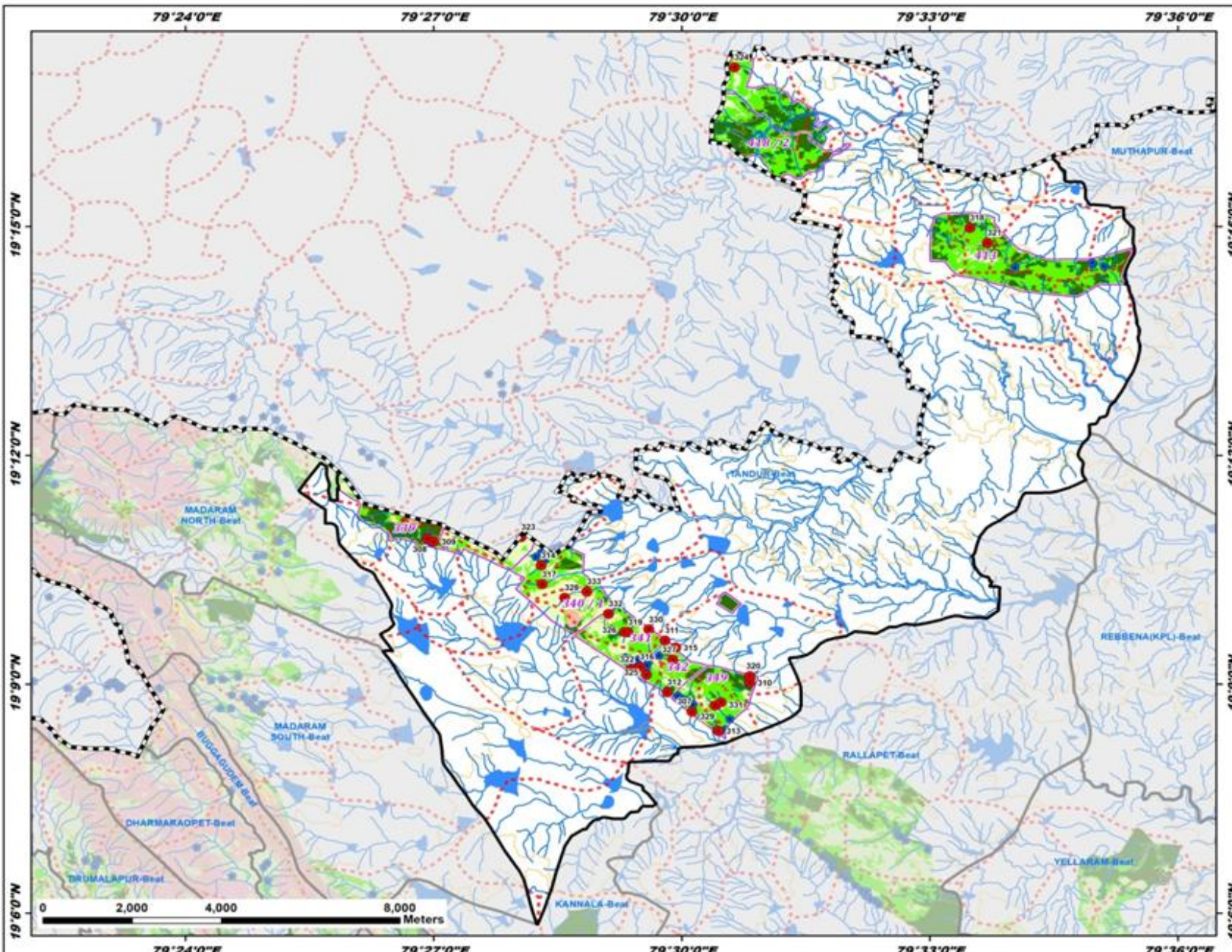


Division : Bellampally
Range : Bellampally

ID	Latitude	Longitude	Catchment Area_ha	Priority
307	19.144009	79.502116	11.52	I
308	19.181830	79.448746	6.74	I
309	19.181154	79.450041	12.30	I
310	19.150360	79.513753	17.07	I
311	19.159583	79.496673	8.07	I
312	19.148233	79.497068	12.28	I
313	19.139821	79.507410	8.20	I
314	19.175976	79.471677	14.20	I
315	19.158019	79.498796	6.84	I
316	19.153829	79.491580	15.28	II
317	19.171829	79.471899	17.07	II
318	19.249676	79.558087	9.75	II
319	19.161366	79.489212	9.42	II
320	19.151756	79.513752	6.48	II
321	19.246415	79.561612	17.25	II
322	19.153266	79.489764	21.22	II
323	19.182142	79.467676	19.61	II
324	19.284770	79.510683	24.04	II
325	19.152111	79.492945	13.72	II
326	19.161411	79.488481	8.52	II
327	19.155351	79.498261	8.82	IV
328	19.168902	79.476442	9.71	IV
329	19.145344	79.506708	13.65	IV
330	19.161973	79.493412	17.83	IV
331	19.146076	79.507945	15.43	IV
332	19.165408	79.485290	43.53	V
333	19.170277	79.480935	27.11	V

Legend

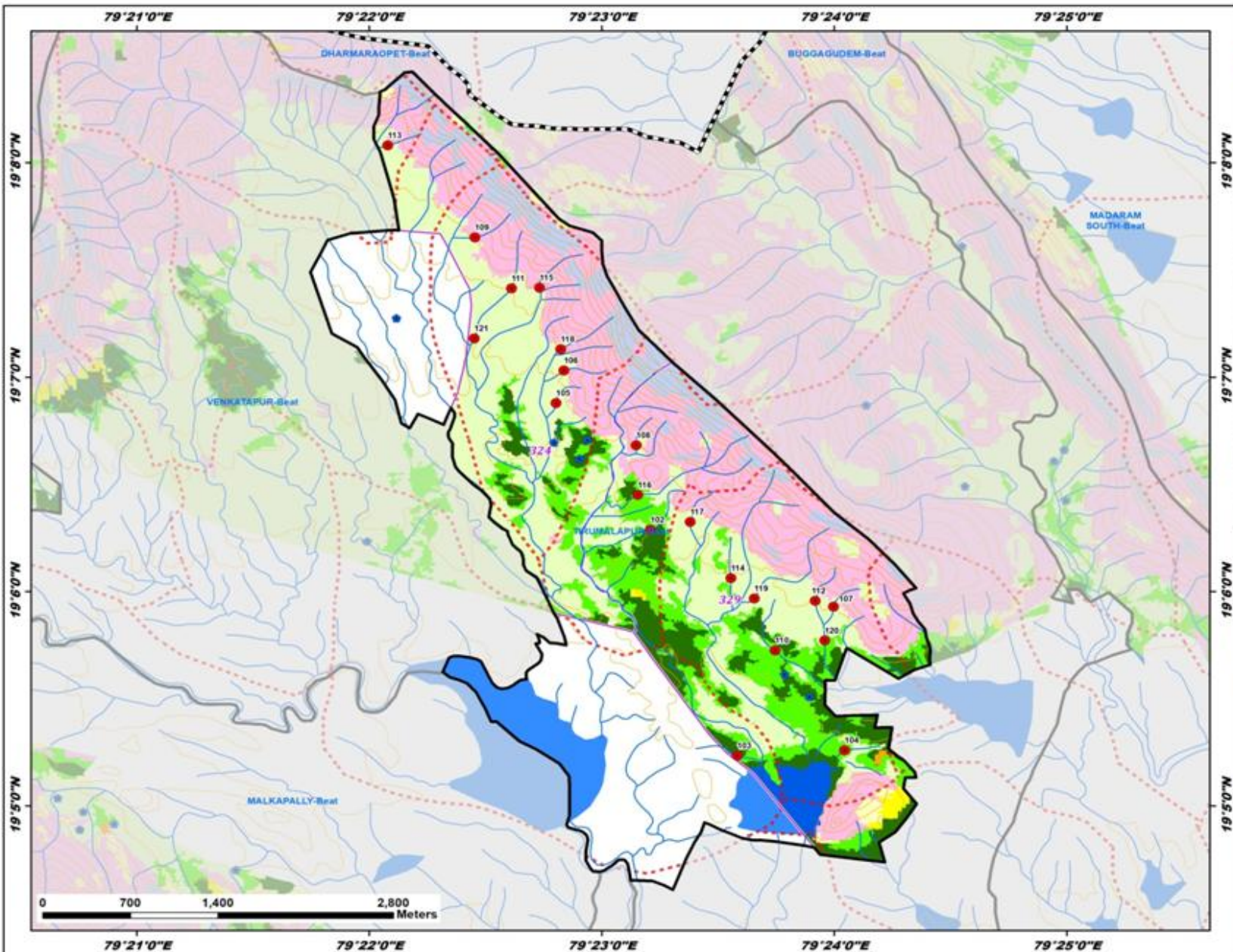
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
102	19.104794	79.386828	10.81	I
103	19.087241	79.393053	7.21	I
104	19.087676	79.400764	6.87	II
105	19.114644	79.380059	5.56	IV
106	19.117178	79.380632	9.79	IV
107	19.098820	79.399955	12.40	IV
108	19.111363	79.385812	4.61	IV
109	19.127515	79.374253	9.74	IV
110	19.095426	79.395773	13.75	IV
111	19.123564	79.376884	20.78	IV
112	19.099282	79.398645	16.88	IV
113	19.134675	79.368003	6.12	IV
114	19.101048	79.392599	5.50	IV
115	19.123607	79.378882	14.83	IV
116	19.107508	79.385930	51.52	IV
117	19.105412	79.389687	5.68	IV
118	19.118841	79.380406	11.83	IV
119	19.099469	79.394286	31.61	V
120	19.096190	79.399338	36.54	III
121	19.119672	79.374217	31.10	V

Legend

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

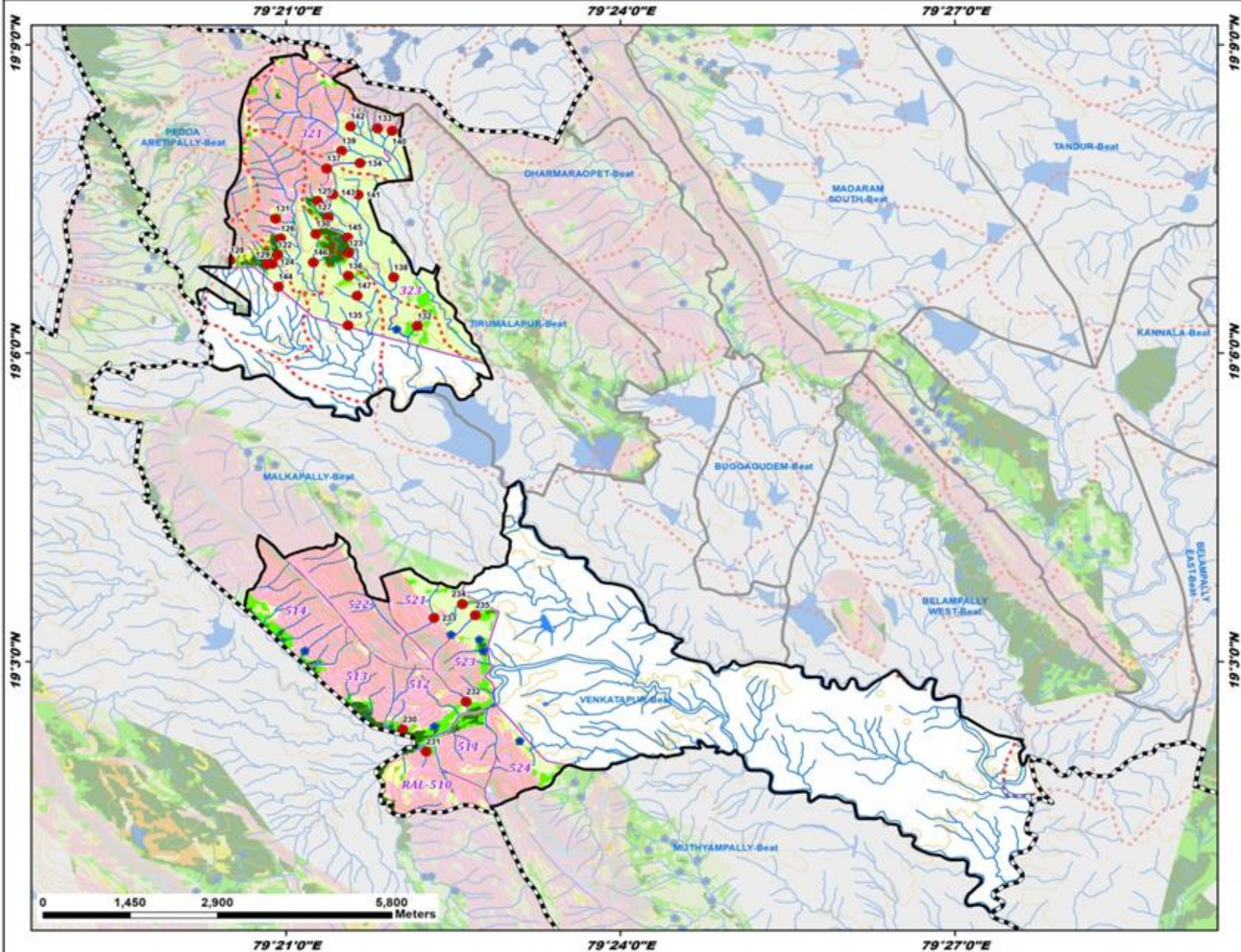
Suitability Index

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

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



Division : Bellampally
Range : Bellampally



ID	Latitude	Longitude	Catchment Area_ha	Priority
122	19.115921	79.348772	6.21	I
123	19.116209	79.359359	5.08	I
124	19.114461	79.347939	7.49	I
125	19.124667	79.354714	7.29	II
126	19.118581	79.349196	4.75	II
127	19.122028	79.356342	9.56	II
128	19.115045	79.341623	8.22	II
129	19.114349	79.347089	5.99	II
130	19.119326	79.354470	10.45	II
131	19.121772	79.348414	12.19	II
132	19.104374	79.369649	27.46	III
133	19.136423	79.363673	5.12	IV
134	19.130811	79.361055	11.27	IV
135	19.104489	79.359248	11.08	IV
136	19.112495	79.359327	15.37	IV
137	19.129896	79.356091	13.94	IV
138	19.112259	79.366109	12.60	IV
139	19.132791	79.358317	6.37	IV
140	19.136050	79.365856	5.25	IV
141	19.125693	79.360777	12.41	IV
142	19.136745	79.359650	7.53	IV
143	19.125733	79.357037	25.45	III
144	19.110748	79.348874	21.62	IV
145	19.118743	79.359213	20.75	IV
146	19.114718	79.354070	25.33	V
147	19.109297	79.360666	27.36	V
230	19.038952	79.367443	5.19	I
231	19.035379	79.370950	4.91	II
232	19.043474	79.376955	11.96	IV
233	19.057077	79.372159	28.79	V
234	19.059306	79.376372	32.72	V
235	19.057495	79.378319	26.02	V

Legend

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

Suitability Index

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

Map Showing Kushnepally Range in Bellampally Division



19°20'0"N

19°10'0"N

19°00'0"N

18°50'0"N

19°20'0"N

19°10'0"N

19°00'0"N

18°50'0"N



Bellampally- Range

Kushnepally- Range



Legend

-  Division Boundary
-  Range Boundary

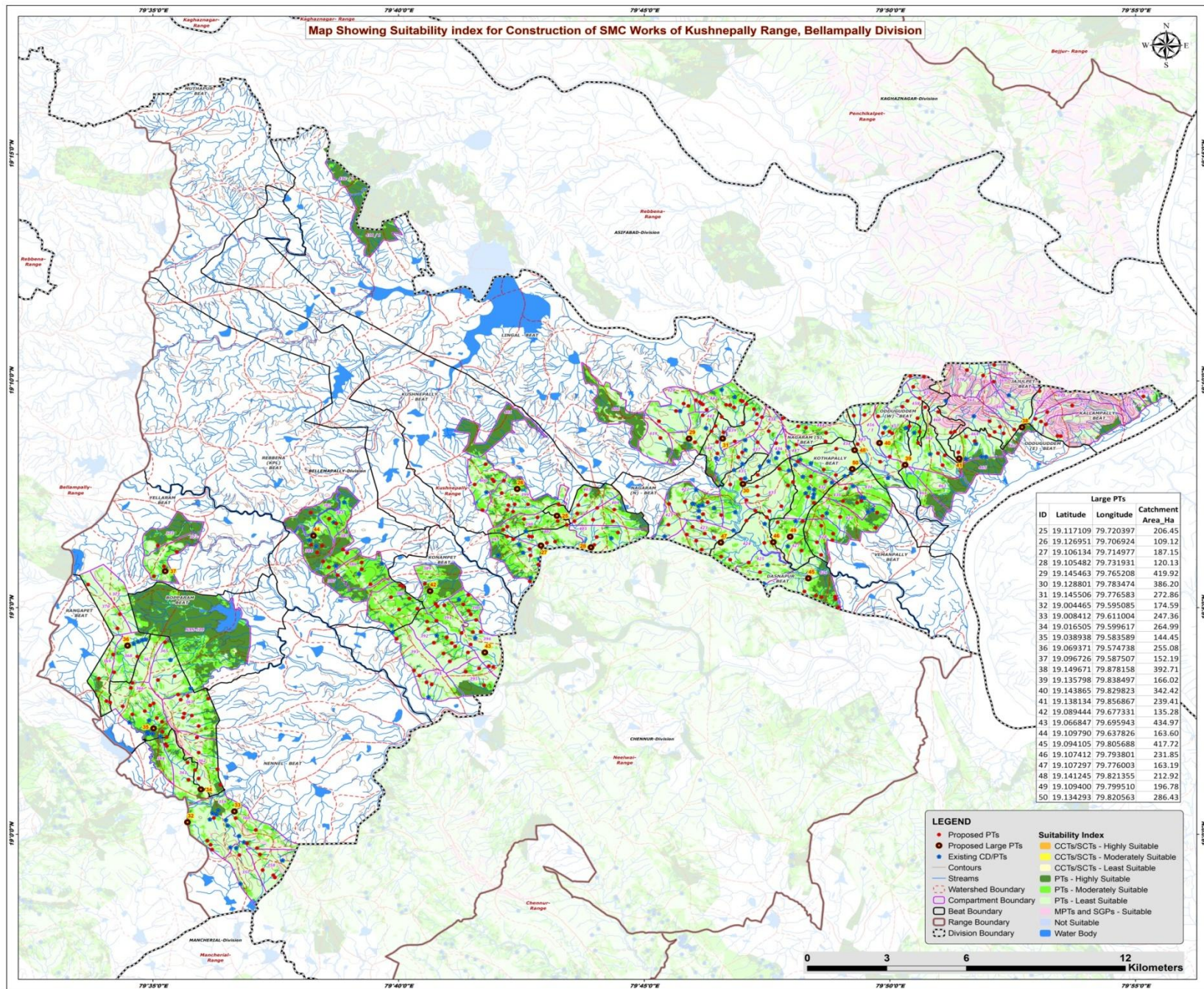
79°20'0"E

79°30'0"E

79°40'0"E

79°50'0"E

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



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
25	19.117109	79.720397	206.45
26	19.126951	79.706924	109.12
27	19.106134	79.714977	187.15
28	19.105482	79.731931	120.13
29	19.145463	79.765208	419.92
30	19.128801	79.783474	386.20
31	19.145506	79.776583	272.86
32	19.004465	79.595085	174.59
33	19.008412	79.611004	247.36
34	19.016505	79.599617	264.99
35	19.038938	79.583589	144.45
36	19.069371	79.574738	255.08
37	19.096726	79.587507	152.19
38	19.149671	79.878158	392.71
39	19.135798	79.838497	166.02
40	19.143865	79.829823	342.42
41	19.138134	79.856867	239.41
42	19.089444	79.677331	135.28
43	19.066547	79.695943	434.97
44	19.109790	79.637826	163.60
45	19.094105	79.805688	417.72
46	19.107412	79.793801	231.85
47	19.107297	79.776003	163.19
48	19.141245	79.821355	212.92
49	19.109400	79.799510	196.78
50	19.134293	79.820563	286.43

LEGEND

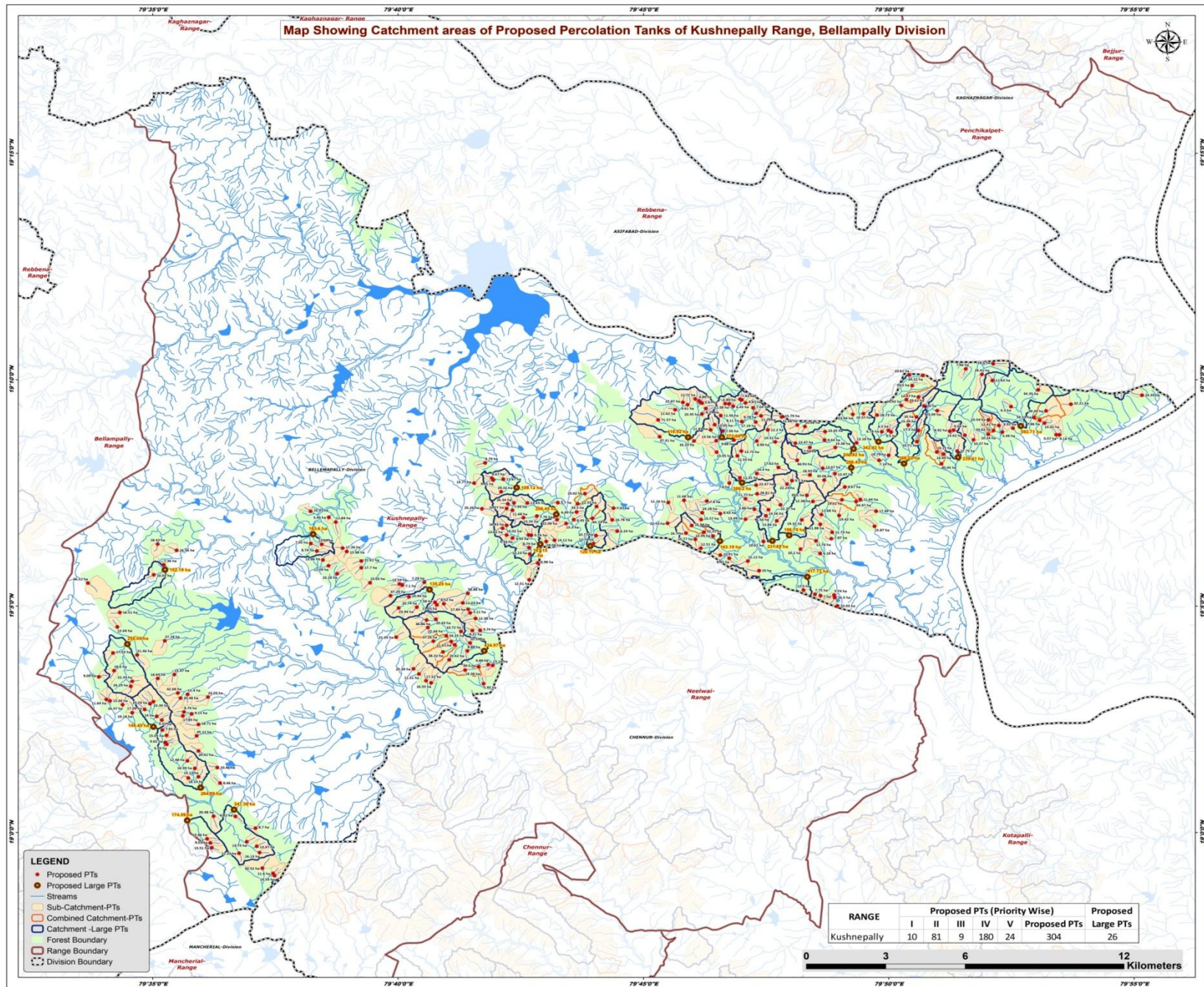
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

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 SGP's - Suitable
- Not Suitable
- Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Kushnepally Range, Bellampally Division



Beat wise Abstract of Proposed PT's – Kushnepally Range

S. No.	Beat	Proposed PT's
1	DASNAPUR	12
2	JAJULPET	10
3	KALLAMPALLY	9
4	KONAMPET	33
5	KOTHAPALLY	11
6	KUSHNEPALLY	17
7	LINGAL	18
8	MUTHAPUR	23
9	NAGARAM NORTH	25
10	NAGARAM SOUTH	25
11	NENNEL	19
12	ODDUGUDEM(EAST)	10
13	ODDUGUDEM(WEST)	20
14	RANGAPET	26
15	REBBENA(KPL)	20
16	VEMANPALLY	13
17	YELLARAM	13
	Total	304

List of Proposed PTs – Kushnepally 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
334	19.119285	79.703521	10.27	II	KUSHNEPALLY	374	19.159243	79.783396	7.43	II	LINGAL	414	19.117384	79.776115	8.43	IV	NAGARAM NORTH
335	19.115147	79.720675	22.06	II	KUSHNEPALLY	375	19.156924	79.780479	6.45	II	LINGAL	415	19.124676	79.788616	28.81	V	NAGARAM NORTH
336	19.121324	79.706043	7.99	II	KUSHNEPALLY	376	19.154045	79.769855	10.35	IV	LINGAL	416	19.110541	79.770529	32.55	V	NAGARAM NORTH
337	19.121302	79.710589	13.43	II	KUSHNEPALLY	377	19.155633	79.760814	11.62	IV	LINGAL	417	19.149476	79.804853	10.08	II	NAGARAM SOUTH
338	19.112013	79.702175	13.82	II	KUSHNEPALLY	378	19.159597	79.767576	11.72	IV	LINGAL	418	19.147555	79.811684	10.45	II	NAGARAM SOUTH
339	19.118631	79.705509	11.68	II	KUSHNEPALLY	379	19.151264	79.783406	8.11	IV	LINGAL	419	19.153480	79.776260	11.56	IV	NAGARAM SOUTH
340	19.116479	79.713813	7.76	II	KUSHNEPALLY	380	19.156100	79.771203	8.24	IV	LINGAL	420	19.140041	79.774847	13.35	IV	NAGARAM SOUTH
341	19.128604	79.692481	15.77	II	KUSHNEPALLY	381	19.157855	79.779166	6.84	IV	LINGAL	421	19.138669	79.781936	11.55	IV	NAGARAM SOUTH
342	19.115879	79.709258	15.55	II	KUSHNEPALLY	382	19.158335	79.769393	5.87	IV	LINGAL	422	19.151117	79.788152	17.19	IV	NAGARAM SOUTH
343	19.119155	79.695176	25.26	III	KUSHNEPALLY	383	19.159493	79.782821	6.65	IV	LINGAL	423	19.158160	79.784658	9.87	IV	NAGARAM SOUTH
344	19.136063	79.696221	8.79	IV	KUSHNEPALLY	384	19.158920	79.768827	4.86	IV	LINGAL	424	19.150115	79.774201	12.05	IV	NAGARAM SOUTH
345	19.113054	79.703548	16.43	IV	KUSHNEPALLY	385	19.158352	79.763404	23.87	IV	LINGAL	425	19.153344	79.789979	11.29	IV	NAGARAM SOUTH
346	19.125454	79.701669	24.32	IV	KUSHNEPALLY	386	19.144132	79.767178	16.23	IV	LINGAL	426	19.144434	79.780696	9.88	IV	NAGARAM SOUTH
347	19.129752	79.698992	9.45	IV	KUSHNEPALLY	387	19.158045	79.769879	5.67	IV	LINGAL	427	19.143291	79.801598	13.47	IV	NAGARAM SOUTH
348	19.130465	79.698522	8.67	IV	KUSHNEPALLY	388	19.157484	79.765006	9.61	IV	LINGAL	428	19.144087	79.788478	8.99	IV	NAGARAM SOUTH
349	19.130040	79.702401	11.67	IV	KUSHNEPALLY	389	19.157866	79.777794	11.38	IV	LINGAL	429	19.140402	79.783263	13.75	IV	NAGARAM SOUTH
350	19.120981	79.703973	26.34	V	KUSHNEPALLY	390	19.145692	79.755502	37.31	V	LINGAL	430	19.141751	79.806513	7.58	IV	NAGARAM SOUTH
351	19.110929	79.741107	6.24	II	MUTHAPUR	391	19.151881	79.755008	71.57	V	LINGAL	431	19.148199	79.772821	11.83	IV	NAGARAM SOUTH
352	19.109497	79.703539	10.02	II	MUTHAPUR	392	19.128258	79.798786	22.24	II	NAGARAM NORTH	432	19.150015	79.802253	21.86	IV	NAGARAM SOUTH
353	19.093013	79.711194	12.51	II	MUTHAPUR	393	19.115299	79.784652	13.49	IV	NAGARAM NORTH	433	19.132152	79.788513	14.40	IV	NAGARAM SOUTH
354	19.124702	79.730169	19.02	IV	MUTHAPUR	394	19.109109	79.773630	10.99	IV	NAGARAM NORTH	434	19.144472	79.811518	8.64	IV	NAGARAM SOUTH
355	19.106391	79.733051	12.74	IV	MUTHAPUR	395	19.120589	79.796567	12.27	IV	NAGARAM NORTH	435	19.156326	79.787276	7.04	IV	NAGARAM SOUTH
356	19.109317	79.733872	10.77	IV	MUTHAPUR	396	19.113848	79.758194	22.53	IV	NAGARAM NORTH	436	19.152987	79.796997	15.79	IV	NAGARAM SOUTH
357	19.117966	79.727284	6.49	IV	MUTHAPUR	397	19.112989	79.766408	16.94	IV	NAGARAM NORTH	437	19.144230	79.774732	13.56	IV	NAGARAM SOUTH
358	19.120008	79.734055	22.55	IV	MUTHAPUR	398	19.134406	79.795882	17.62	IV	NAGARAM NORTH	438	19.143796	79.794755	10.31	IV	NAGARAM SOUTH
359	19.102512	79.711407	10.23	IV	MUTHAPUR	399	19.122271	79.763802	11.66	IV	NAGARAM NORTH	439	19.147776	79.776958	7.56	IV	NAGARAM SOUTH
360	19.104839	79.711169	8.74	IV	MUTHAPUR	400	19.115218	79.769578	15.77	IV	NAGARAM NORTH	440	19.154285	79.788299	9.78	IV	NAGARAM SOUTH
361	19.109515	79.710963	9.95	IV	MUTHAPUR	401	19.117731	79.769991	24.28	IV	NAGARAM NORTH	441	19.148202	79.792253	12.20	IV	NAGARAM SOUTH
362	19.113738	79.723737	15.30	IV	MUTHAPUR	402	19.104640	79.769469	12.51	IV	NAGARAM NORTH	442	19.001604	79.618264	8.70	II	NENNEL
363	19.115104	79.739421	16.78	IV	MUTHAPUR	403	19.107928	79.767658	10.77	IV	NAGARAM NORTH	443	19.023592	79.597649	16.39	II	NENNEL
364	19.115176	79.726342	8.45	IV	MUTHAPUR	404	19.122869	79.784663	11.77	IV	NAGARAM NORTH	444	18.994931	79.618690	13.47	II	NENNEL
365	19.121419	79.720948	5.70	IV	MUTHAPUR	405	19.130601	79.782778	11.31	IV	NAGARAM NORTH	445	19.035751	79.588044	15.05	II	NENNEL
366	19.108409	79.705574	9.34	IV	MUTHAPUR	406	19.121472	79.758445	11.16	IV	NAGARAM NORTH	446	19.033174	79.587635	9.02	II	NENNEL
367	19.109421	79.711928	9.76	IV	MUTHAPUR	407	19.129517	79.800476	9.70	IV	NAGARAM NORTH	447	19.020079	79.595434	18.14	II	NENNEL
368	19.107148	79.716974	14.28	IV	MUTHAPUR	408	19.128615	79.779184	7.60	IV	NAGARAM NORTH	448	19.005929	79.611389	6.81	II	NENNEL
369	19.119386	79.739851	7.97	IV	MUTHAPUR	409	19.118996	79.787677	5.86	IV	NAGARAM NORTH	449	19.032442	79.588124	6.93	II	NENNEL
370	19.099217	79.714087	6.98	IV	MUTHAPUR	410	19.127874	79.788271	22.47	IV	NAGARAM NORTH	450	18.996597	79.615294	13.75	II	NENNEL
371	19.107603	79.719786	14.12	IV	MUTHAPUR	411	19.110229	79.764465	16.70	IV	NAGARAM NORTH	451	18.992603	79.619646	16.13	II	NENNEL
372	19.115666	79.732667	44.73	V	MUTHAPUR	412	19.122029	79.771536	7.80	IV	NAGARAM NORTH	452	19.026388	79.595122	12.48	II	NENNEL
373	19.120976	79.727630	33.50	V	MUTHAPUR	413	19.118832	79.792459	14.56	IV	NAGARAM NORTH	453	18.984107	79.624732	14.59	IV	NENNEL

List of Proposed PTs – Kushnepally 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
454	18.996160	79.602932	9.01	IV	NENNEL	494	19.075685	79.571333	12.64	IV	YELLARAM	534	19.153908	79.821119	23.44	IV	ODDUGUDEM(WEST)
455	18.984974	79.624208	11.60	IV	NENNEL	495	19.057286	79.565024	9.09	IV	YELLARAM	535	19.160323	79.843405	12.87	IV	ODDUGUDEM(WEST)
456	18.997686	79.601829	10.96	IV	NENNEL	496	19.065367	79.578040	21.46	IV	YELLARAM	536	19.168217	79.844886	24.22	IV	ODDUGUDEM(WEST)
457	19.006002	79.604028	20.48	IV	NENNEL	497	19.091826	79.561358	66.51	IV	YELLARAM	537	19.168427	79.840295	10.61	IV	ODDUGUDEM(WEST)
458	18.992378	79.612648	11.33	IV	NENNEL	498	19.048481	79.568829	13.48	IV	YELLARAM	538	19.136960	79.830060	7.14	IV	ODDUGUDEM(WEST)
459	18.994399	79.603409	13.51	IV	NENNEL	499	19.048981	79.567593	11.64	IV	YELLARAM	539	19.154170	79.824707	10.57	IV	ODDUGUDEM(WEST)
460	18.986874	79.620572	50.52	V	NENNEL	500	19.156792	79.874880	6.30	IV	JAJULPET	540	19.148028	79.833202	6.50	IV	ODDUGUDEM(WEST)
461	19.018185	79.606222	8.46	I	RANGAPET	501	19.148802	79.875521	9.97	IV	JAJULPET	541	19.153653	79.829333	18.73	IV	ODDUGUDEM(WEST)
462	19.023900	79.605294	10.46	II	RANGAPET	502	19.172546	79.868757	18.60	IV	JAJULPET	542	19.147521	79.830970	6.78	IV	ODDUGUDEM(WEST)
463	19.041372	79.586430	9.55	II	RANGAPET	503	19.147413	79.871904	5.49	IV	JAJULPET	543	19.138827	79.833282	19.79	IV	ODDUGUDEM(WEST)
464	19.037718	79.586640	7.95	II	RANGAPET	504	19.166417	79.868552	11.63	IV	JAJULPET	544	19.148093	79.855387	9.54	IV	ODDUGUDEM(WEST)
465	19.049875	79.602133	23.03	II	RANGAPET	505	19.151851	79.867174	10.54	IV	JAJULPET	545	19.155295	79.849771	23.09	IV	ODDUGUDEM(WEST)
466	19.053826	79.575874	24.29	II	RANGAPET	506	19.149806	79.870710	12.41	IV	JAJULPET	546	19.164519	79.841268	7.15	IV	ODDUGUDEM(WEST)
467	19.042741	79.584677	14.00	II	RANGAPET	507	19.170677	79.859488	7.46	IV	JAJULPET	547	19.152959	79.842723	35.00	V	ODDUGUDEM(WEST)
468	19.048163	79.583581	23.39	II	RANGAPET	508	19.168643	79.864979	29.41	V	JAJULPET	548	19.159339	79.839310	29.61	V	ODDUGUDEM(WEST)
469	19.050871	79.595193	12.40	II	RANGAPET	509	19.147958	79.868890	24.62	IV	JAJULPET	549	19.080860	79.691180	5.11	I	KONAMPET
470	19.070573	79.587457	27.18	III	RANGAPET	510	19.146376	79.891323	9.14	IV	KALLAMPALLY	550	19.074362	79.691908	9.21	II	KONAMPET
471	19.051363	79.591869	42.68	III	RANGAPET	511	19.160976	79.919341	14.35	IV	KALLAMPALLY	551	19.071903	79.666057	21.05	II	KONAMPET
472	19.058152	79.590696	15.47	IV	RANGAPET	512	19.146405	79.890216	9.57	IV	KALLAMPALLY	552	19.078536	79.679510	10.43	II	KONAMPET
473	19.044374	79.593958	8.79	IV	RANGAPET	513	19.151753	79.884607	7.86	IV	KALLAMPALLY	553	19.054792	79.695709	5.95	II	KONAMPET
474	19.047387	79.582431	15.29	IV	RANGAPET	514	19.150678	79.886211	14.02	IV	KALLAMPALLY	554	19.084499	79.688640	11.24	II	KONAMPET
475	19.055672	79.576364	22.33	IV	RANGAPET	515	19.157652	79.895193	32.21	V	KALLAMPALLY	555	19.066833	79.690206	8.88	II	KONAMPET
476	19.049473	79.592788	20.48	IV	RANGAPET	516	19.155211	79.886732	39.49	V	KALLAMPALLY	556	19.082200	79.690465	17.84	II	KONAMPET
477	19.045309	79.580602	17.09	IV	RANGAPET	517	19.162952	79.884080	34.35	V	KALLAMPALLY	557	19.083786	79.679845	11.25	II	KONAMPET
478	19.043657	79.596561	9.15	IV	RANGAPET	518	19.152751	79.882706	59.53	V	KALLAMPALLY	558	19.059790	79.689468	19.38	II	KONAMPET
479	19.042912	79.593574	17.85	IV	RANGAPET	519	19.147965	79.843419	17.30	II	ODDUGUDEM(EAST)	559	19.061820	79.697312	9.89	II	KONAMPET
480	19.047062	79.573121	16.47	IV	RANGAPET	520	19.144552	79.862107	10.27	II	ODDUGUDEM(EAST)	560	19.070299	79.684734	11.67	II	KONAMPET
481	19.044082	79.576397	19.18	IV	RANGAPET	521	19.146229	79.859180	13.62	IV	ODDUGUDEM(EAST)	561	19.084749	79.679228	7.58	II	KONAMPET
482	19.056709	79.585073	14.64	IV	RANGAPET	522	19.139305	79.851964	14.49	IV	ODDUGUDEM(EAST)	562	19.075474	79.676759	22.44	II	KONAMPET
483	19.030045	79.598873	20.61	IV	RANGAPET	523	19.146596	79.867135	10.24	IV	ODDUGUDEM(EAST)	563	19.063564	79.684052	25.42	III	KONAMPET
484	19.020528	79.598885	14.13	IV	RANGAPET	524	19.140074	79.849651	19.15	IV	ODDUGUDEM(EAST)	564	19.060247	79.671894	25.39	III	KONAMPET
485	19.039789	79.598882	18.71	IV	RANGAPET	525	19.157011	79.845318	20.00	IV	ODDUGUDEM(EAST)	565	19.066478	79.681946	38.31	III	KONAMPET
486	19.035580	79.598275	45.12	V	RANGAPET	526	19.140413	79.856572	17.75	IV	ODDUGUDEM(EAST)	566	19.070428	79.678673	37.26	III	KONAMPET
487	19.106188	79.585041	18.42	I	YELLARAM	527	19.143879	79.842925	25.71	V	ODDUGUDEM(EAST)	567	19.055068	79.677909	16.55	IV	KONAMPET
488	19.098536	79.587103	7.36	II	YELLARAM	528	19.135714	79.851204	40.45	V	ODDUGUDEM(EAST)	568	19.061527	79.698803	13.14	IV	KONAMPET
489	19.103865	79.591447	16.56	II	YELLARAM	529	19.147399	79.834117	9.50	IV	ODDUGUDEM(WEST)	569	19.074023	79.688058	10.72	IV	KONAMPET
490	19.066097	79.569876	17.53	II	YELLARAM	530	19.147718	79.854047	8.92	IV	ODDUGUDEM(WEST)	570	19.058350	79.673774	11.31	IV	KONAMPET
491	19.059585	79.570227	18.60	II	YELLARAM	531	19.157183	79.837588	24.42	IV	ODDUGUDEM(WEST)	571	19.069771	79.691120	10.33	IV	KONAMPET
492	19.080979	79.572155	16.51	II	YELLARAM	532	19.143437	79.822411	13.18	IV	ODDUGUDEM(WEST)	572	19.055892	79.676175	17.52	IV	KONAMPET
493	19.094872	79.583679	10.03	II	YELLARAM	533	19.149945	79.839941	15.39	IV	ODDUGUDEM(WEST)	573	19.084230	79.682201	8.52	IV	KONAMPET

List of Proposed PTs – Kushnepally Range

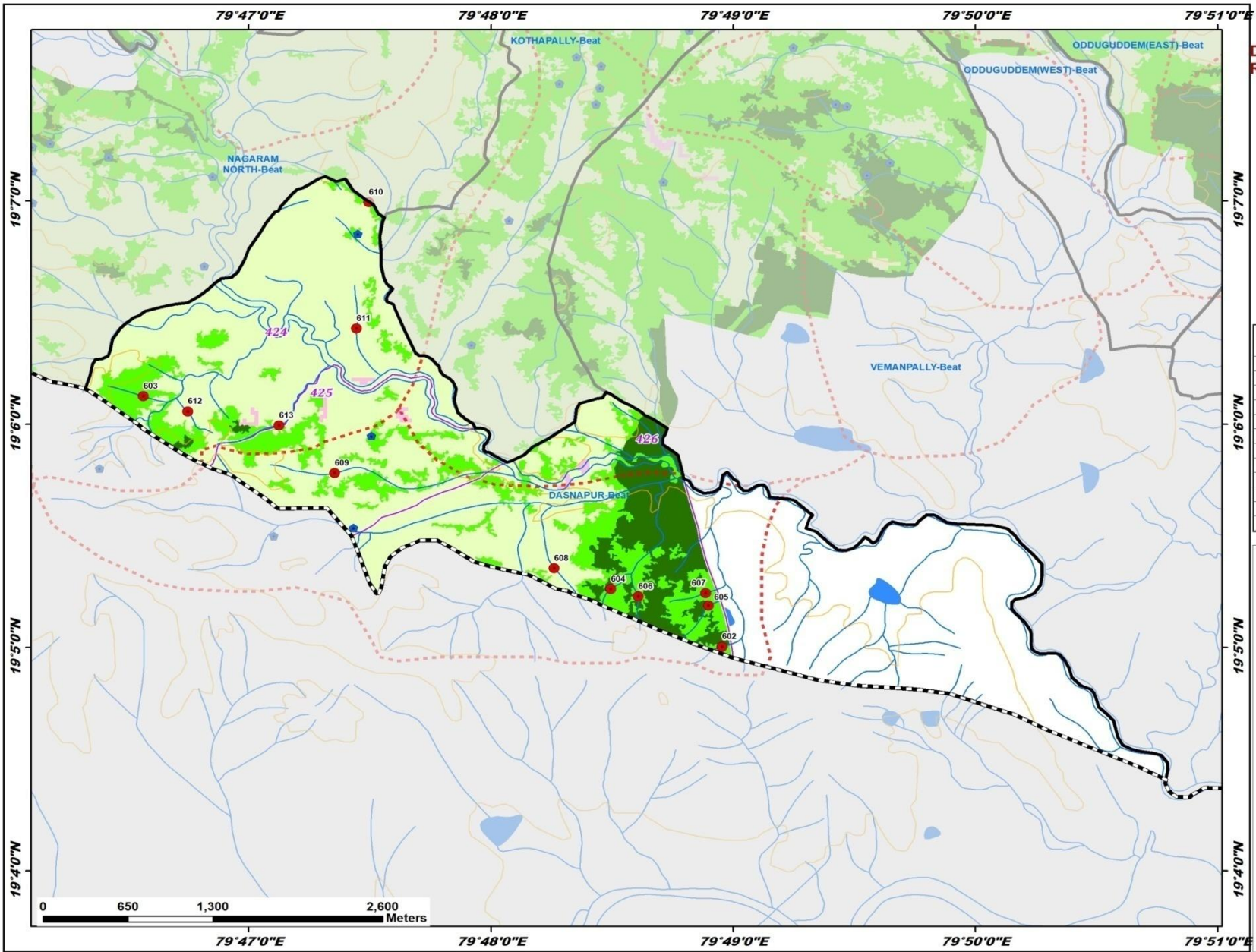
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
574	19.074424	79.694560	9.74	IV	KONAMPET
575	19.092113	79.675587	7.29	IV	KONAMPET
576	19.088018	79.690350	58.88	IV	KONAMPET
577	19.078792	79.693005	12.38	IV	KONAMPET
578	19.078199	79.676373	36.86	V	KONAMPET
579	19.072412	79.683030	54.25	IV	KONAMPET
580	19.069091	79.685907	53.03	V	KONAMPET
581	19.061017	79.694016	39.50	V	KONAMPET
582	19.118260	79.636955	10.97	I	REBBENA(KPL)
583	19.103576	79.639074	8.74	I	REBBENA(KPL)
584	19.091539	79.667138	13.54	I	REBBENA(KPL)
585	19.086733	79.670344	10.94	I	REBBENA(KPL)
586	19.106100	79.640759	12.94	I	REBBENA(KPL)
587	19.104696	79.647829	17.26	I	REBBENA(KPL)
588	19.100301	79.641154	13.86	II	REBBENA(KPL)
589	19.114297	79.645527	11.84	II	REBBENA(KPL)
590	19.082940	79.673036	20.74	II	REBBENA(KPL)
591	19.106401	79.637023	7.05	II	REBBENA(KPL)
592	19.097476	79.654213	17.70	II	REBBENA(KPL)
593	19.099929	79.654197	21.61	II	REBBENA(KPL)
594	19.098168	79.643056	11.09	II	REBBENA(KPL)
595	19.091079	79.668149	7.10	II	REBBENA(KPL)
596	19.116050	79.643168	5.49	II	REBBENA(KPL)
597	19.082659	79.666868	23.94	IV	REBBENA(KPL)
598	19.103421	79.649258	15.98	IV	REBBENA(KPL)
599	19.091941	79.657160	15.05	IV	REBBENA(KPL)
600	19.095251	79.645971	10.18	IV	REBBENA(KPL)
601	19.087167	79.664085	47.29	V	REBBENA(KPL)
602	19.083400	79.815907	10.03	I	DASNAPUR
603	19.102090	79.776094	10.91	II	DASNAPUR
604	19.087706	79.808258	7.75	II	DASNAPUR
605	19.086483	79.814991	16.50	II	DASNAPUR
606	19.087165	79.810155	7.00	II	DASNAPUR
607	19.087406	79.814782	5.74	II	DASNAPUR
608	19.089260	79.804363	12.30	IV	DASNAPUR
609	19.096366	79.789266	25.00	IV	DASNAPUR
610	19.116564	79.791598	6.54	IV	DASNAPUR
611	19.107141	79.790761	10.61	IV	DASNAPUR
612	19.100962	79.779151	8.45	IV	DASNAPUR
613	19.099902	79.785450	15.12	IV	DASNAPUR

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
614	19.115069	79.803783	19.32	II	KOTHAPALLY
615	19.104309	79.803359	20.20	II	KOTHAPALLY
616	19.121880	79.807568	12.38	II	KOTHAPALLY
617	19.129752	79.811406	30.06	III	KOTHAPALLY
618	19.134101	79.810882	13.67	IV	KOTHAPALLY
619	19.131600	79.806558	18.92	IV	KOTHAPALLY
620	19.114706	79.795293	13.84	IV	KOTHAPALLY
621	19.132110	79.814997	13.97	IV	KOTHAPALLY
622	19.141723	79.815178	19.38	IV	KOTHAPALLY
623	19.124108	79.805487	35.10	V	KOTHAPALLY
624	19.137003	79.802235	46.91	V	KOTHAPALLY
625	19.122569	79.823670	11.64	II	VEMANPALLY
626	19.116681	79.816454	19.42	II	VEMANPALLY
627	19.122476	79.817464	19.01	II	VEMANPALLY
628	19.110504	79.814089	11.73	II	VEMANPALLY
629	19.108165	79.813824	7.87	II	VEMANPALLY
630	19.118300	79.829023	17.99	II	VEMANPALLY
631	19.112737	79.828505	15.87	II	VEMANPALLY
632	19.113457	79.810054	11.88	IV	VEMANPALLY
633	19.127212	79.818400	8.67	IV	VEMANPALLY
634	19.107360	79.808630	12.74	IV	VEMANPALLY
635	19.117024	79.810439	11.68	IV	VEMANPALLY
636	19.102716	79.810040	6.18	IV	VEMANPALLY
637	19.121879	79.822260	44.97	III	VEMANPALLY

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
602	19.083400	79.815907	10.03	I
603	19.102090	79.776094	10.91	II
604	19.087706	79.808258	7.75	II
605	19.086483	79.814991	16.50	II
606	19.087165	79.810155	7.00	II
607	19.087406	79.814782	5.74	II
608	19.089260	79.804363	12.30	IV
609	19.096366	79.789266	25.00	IV
610	19.116564	79.791598	6.54	IV
611	19.107141	79.790761	10.61	IV
612	19.100962	79.779151	8.45	IV
613	19.099902	79.785450	15.12	IV

Legend

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

Suitability Index

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



19°7'0"N
19°6'0"N
19°5'0"N
19°4'0"N

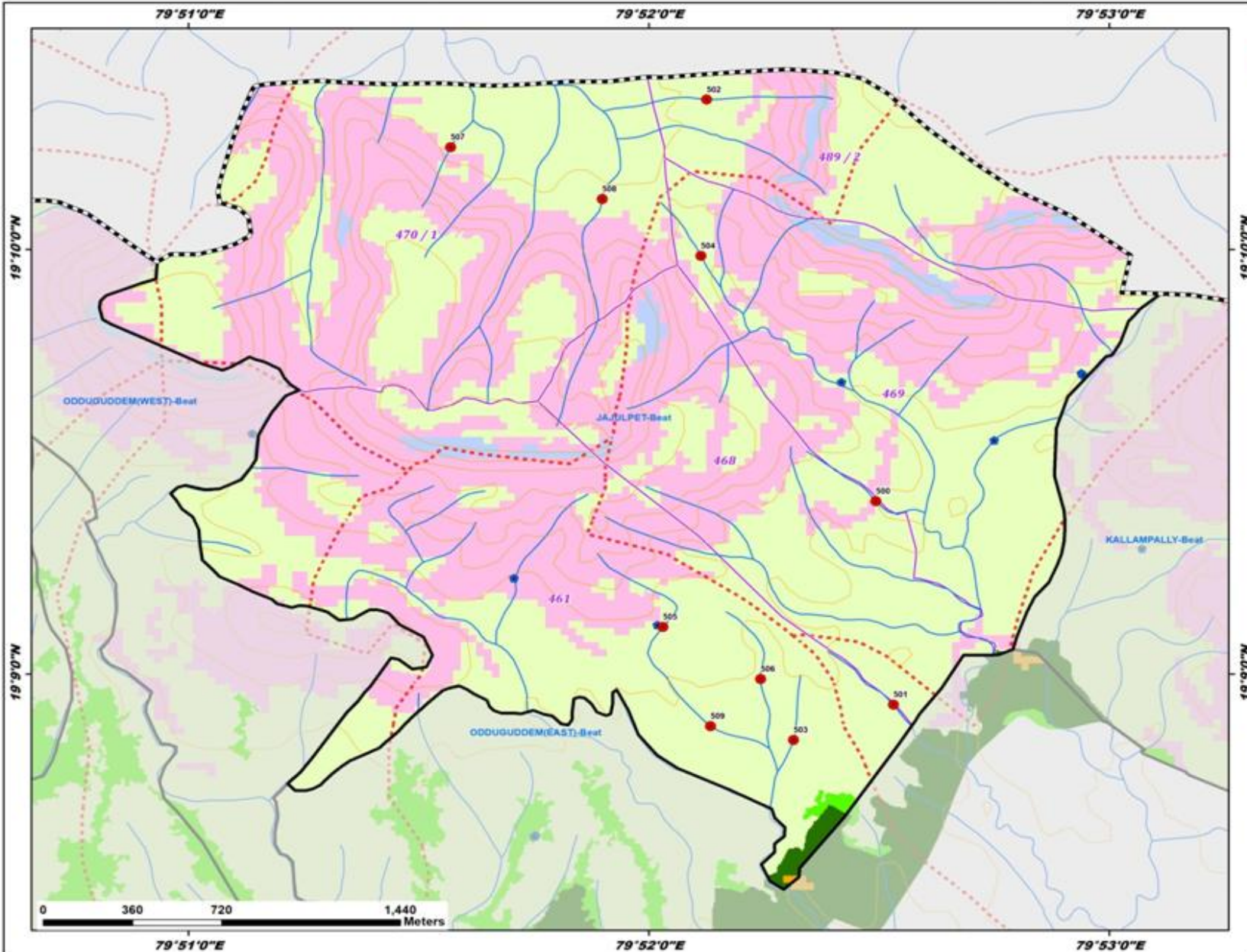
19°7'0"N
19°6'0"N
19°5'0"N
19°4'0"N

79°47'0"E 79°48'0"E 79°49'0"E 79°50'0"E 79°51'0"E

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
500	19.156792	79.874880	6.30	IV
501	19.148802	79.875521	9.97	IV
502	19.172546	79.868757	18.60	IV
503	19.147413	79.871904	5.49	IV
504	19.166417	79.868552	11.63	IV
505	19.151851	79.867174	10.54	IV
506	19.149806	79.870710	12.41	IV
507	19.170677	79.859488	7.46	IV
508	19.168643	79.864979	29.41	V
509	19.147958	79.868890	24.62	IV

Legend

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

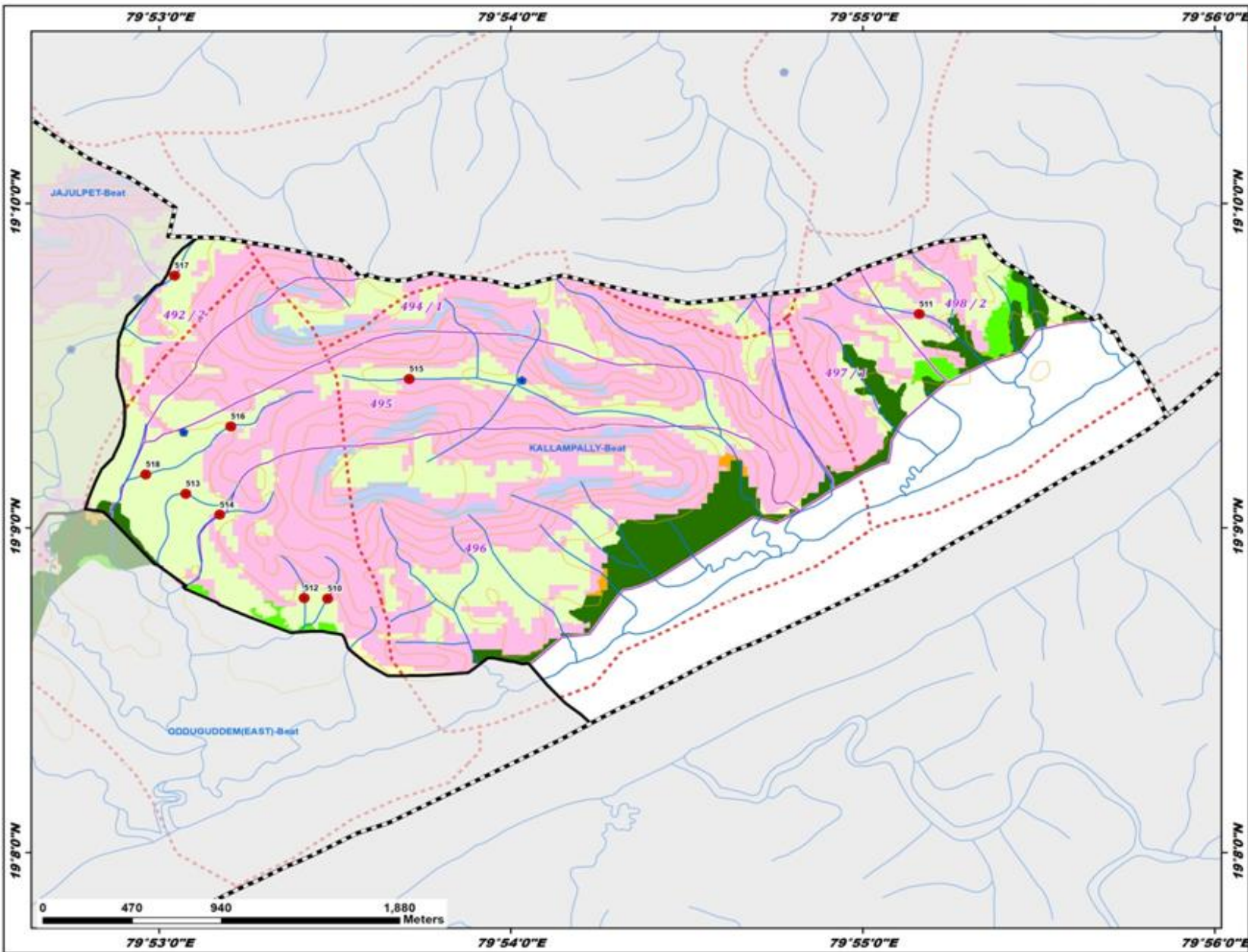
Suitability Index

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

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
510	19.146376	79.891323	9.14	IV
511	19.160976	79.919341	14.35	IV
512	19.146405	79.890216	9.57	IV
513	19.151753	79.884607	7.86	IV
514	19.150678	79.886211	14.02	IV
515	19.157652	79.895193	32.21	V
516	19.155211	79.886732	30.49	V
517	19.162952	79.884080	34.35	V
518	19.152751	79.882706	59.53	V

Legend

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

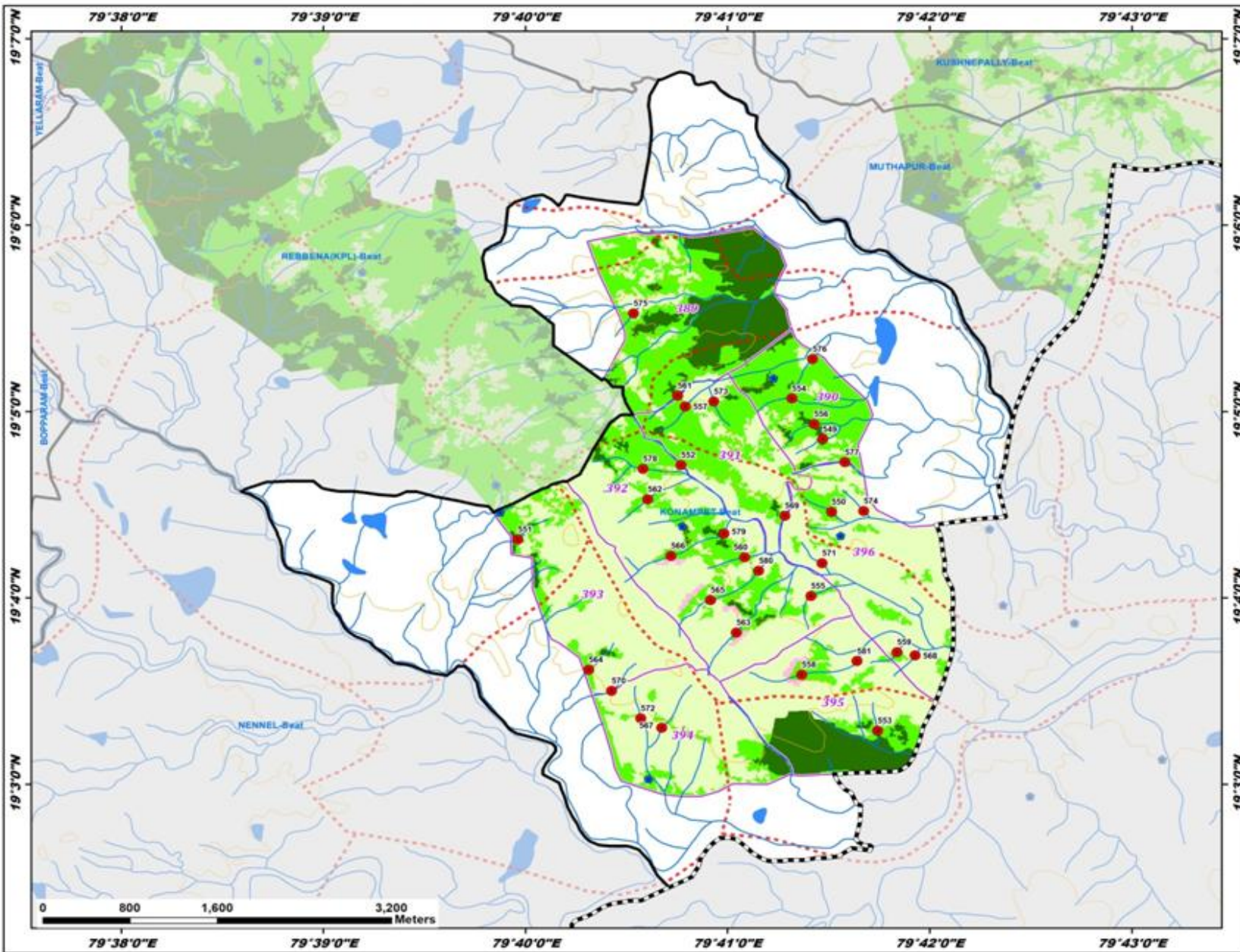
Suitability Index

- 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 Konampet Beat



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
549	19.080860	79.691180	5.11	I
550	19.074362	79.691908	9.21	II
551	19.071903	79.666057	21.05	II
552	19.078536	79.679510	10.43	II
553	19.054792	79.695709	5.95	II
554	19.084499	79.688640	11.24	II
555	19.066833	79.690206	8.88	II
556	19.082200	79.690465	17.84	II
557	19.083786	79.679845	11.25	II
558	19.059790	79.689468	19.38	II
559	19.061820	79.697312	9.89	II
560	19.070299	79.684734	11.67	II
561	19.084749	79.679228	7.58	II
562	19.075474	79.676759	22.44	II
563	19.063564	79.684052	25.42	III
564	19.060247	79.671894	25.39	III
565	19.066478	79.681946	38.11	III
566	19.070428	79.678673	37.26	III
567	19.055068	79.677909	16.55	IV
568	19.061527	79.698803	13.14	IV
569	19.074023	79.688058	10.72	IV
570	19.058350	79.673774	11.31	IV
571	19.069771	79.691120	10.33	IV
572	19.055892	79.676175	17.52	IV
573	19.084230	79.682201	8.52	IV
574	19.078424	79.694560	9.74	IV
575	19.092113	79.675587	7.29	IV
576	19.088018	79.690350	58.88	IV
577	19.078792	79.693005	12.38	IV
578	19.078199	79.676373	36.86	V
579	19.072412	79.683030	54.25	IV
580	19.069091	79.689807	53.03	V
581	19.061017	79.694016	39.50	V

Legend

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

Suitability Index

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



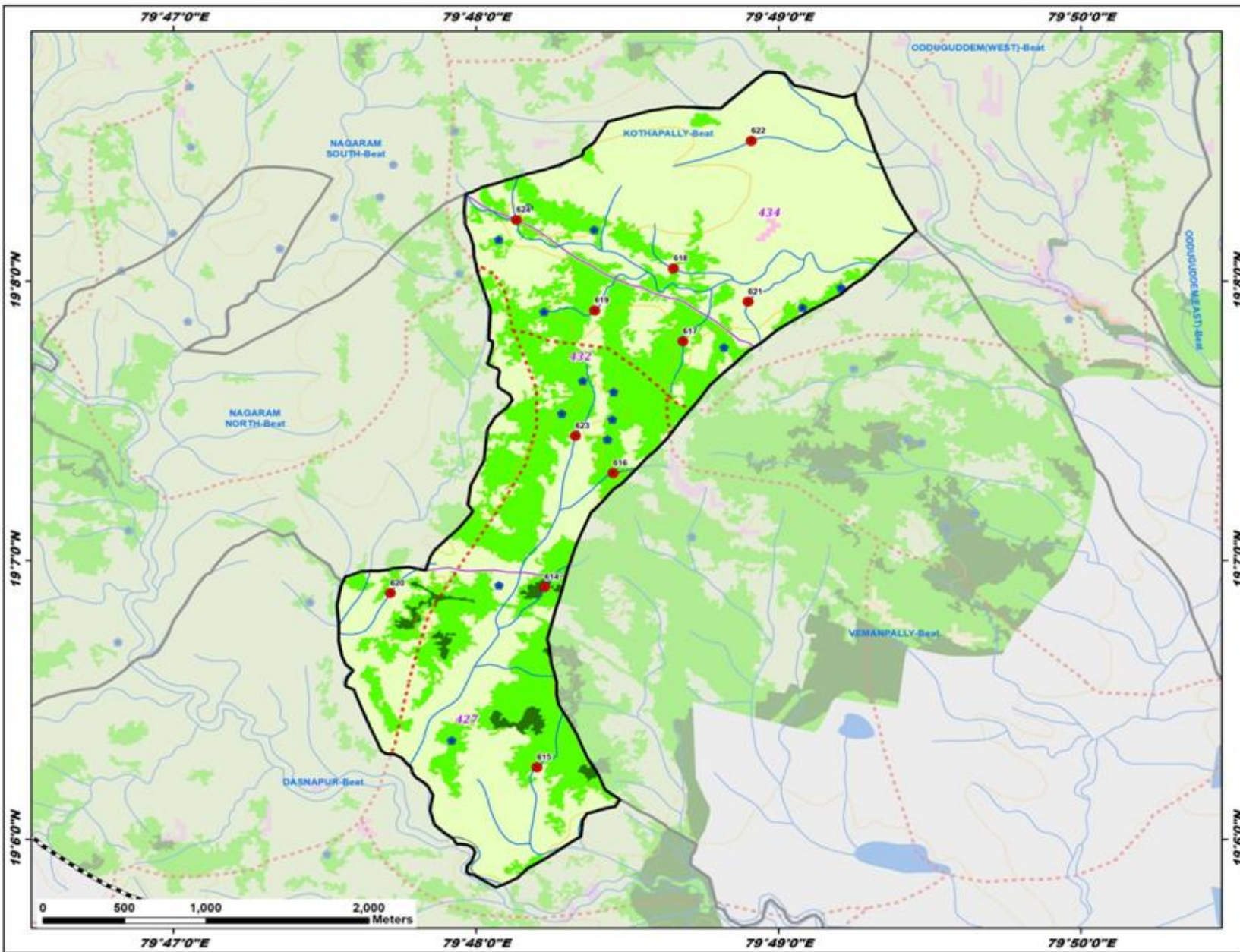
79°38'0"E 79°39'0"E 79°40'0"E 79°41'0"E 79°42'0"E 79°43'0"E

19°30'N
19°40'N
19°50'N
19°60'N
19°70'N

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



Division : Bellampally
Range : Kushnepally



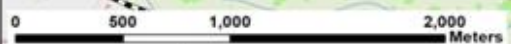
ID	Latitude	Longitude	Catchment Area_ha	Priority
614	19.115069	79.803783	19.32	II
615	19.104309	79.803359	20.20	II
616	19.121880	79.807568	12.38	II
617	19.129752	79.811406	30.06	III
618	19.134101	79.810882	13.67	IV
619	19.131600	79.806558	18.92	IV
620	19.114706	79.795293	13.84	IV
621	19.132110	79.814997	13.97	IV
622	19.141723	79.815178	19.38	IV
623	19.124108	79.805487	35.10	V
624	19.137003	79.802235	46.91	V

Legend

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

Suitability Index

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



19°6'0"N
19°7'0"N
19°8'0"N

19°6'0"N
19°7'0"N
19°8'0"N

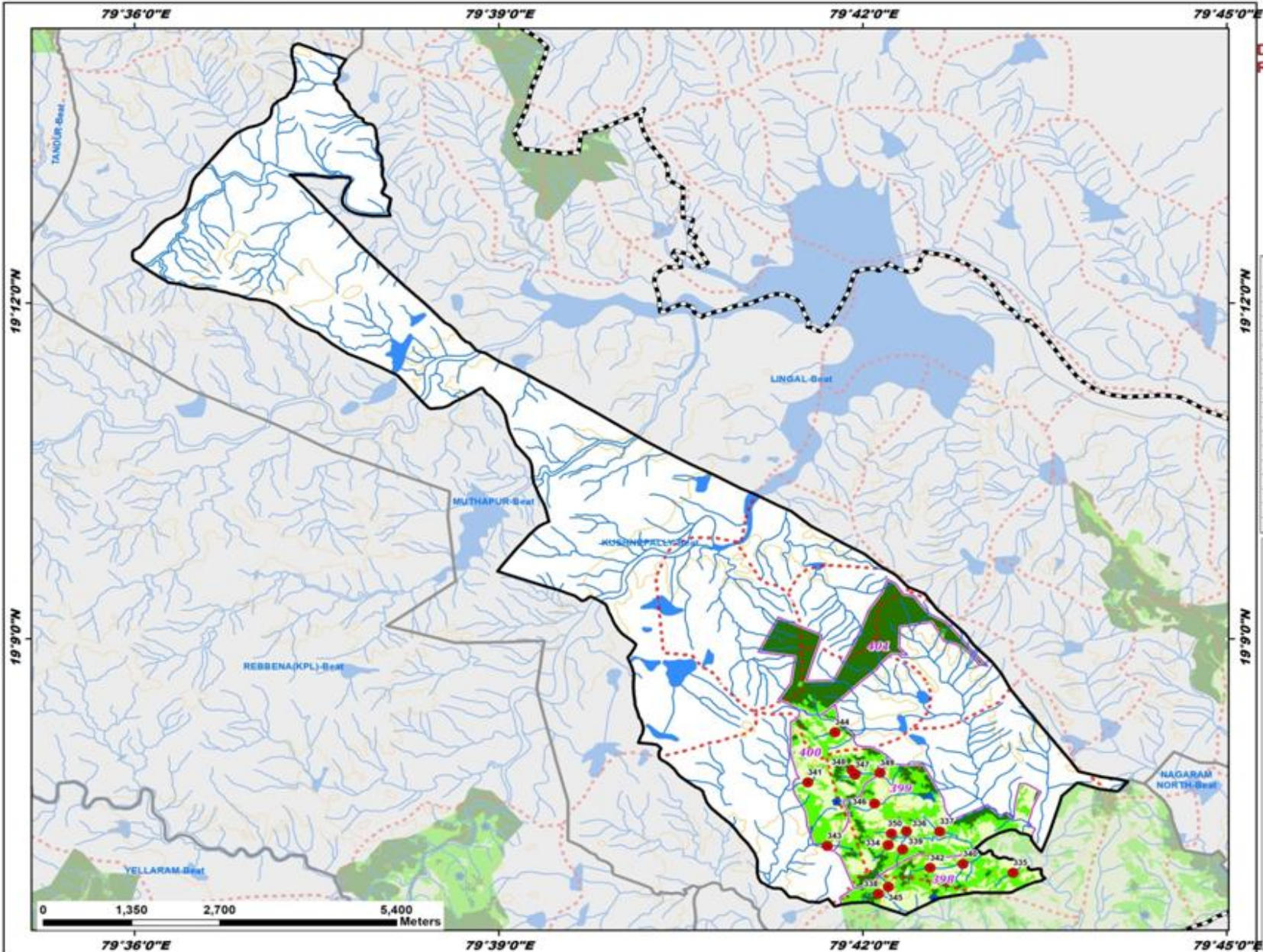
79°47'0"E 79°48'0"E 79°49'0"E 79°50'0"E

79°47'0"E 79°48'0"E 79°49'0"E 79°50'0"E

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
334	19.119285	79.703521	10.27	II
335	19.115147	79.720675	22.06	II
336	19.121324	79.706043	7.99	II
337	19.121302	79.710589	13.43	II
338	19.112013	79.702175	13.82	II
339	19.118631	79.705509	11.68	II
340	19.116479	79.713813	7.76	II
341	19.128604	79.692481	15.77	II
342	19.115879	79.709258	15.55	II
343	19.119155	79.695176	25.26	III
344	19.136063	79.696221	8.79	IV
345	19.113054	79.703548	16.43	IV
346	19.125454	79.701669	24.32	IV
347	19.129752	79.698992	9.45	IV
348	19.130465	79.698522	8.67	IV
349	19.130040	79.702401	11.67	IV
350	19.120981	79.703973	26.34	V

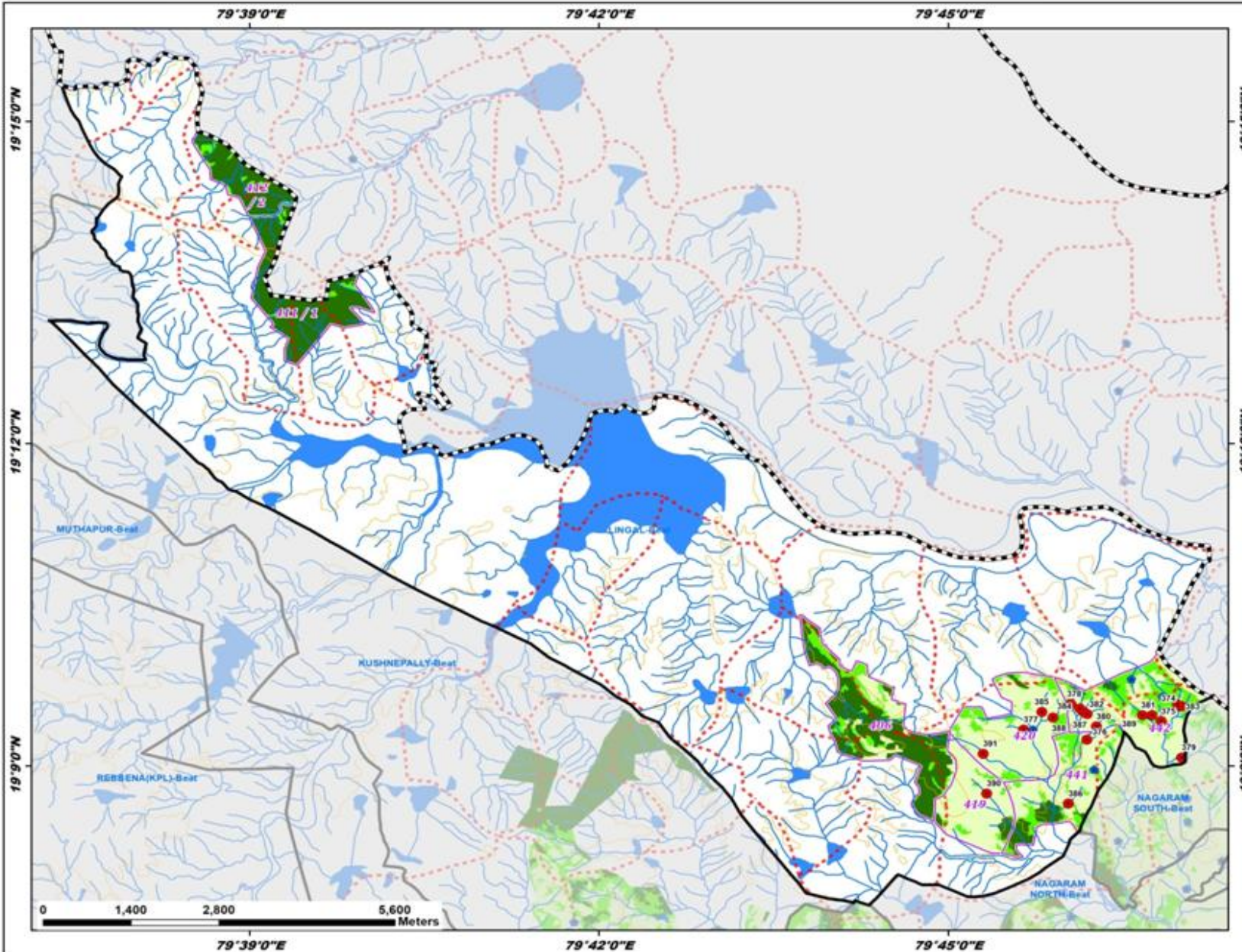
Legend

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

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
374	19.159243	79.783396	7.43	II
375	19.156924	79.780479	6.45	II
376	19.154045	79.769855	10.35	IV
377	19.155633	79.760814	11.62	IV
378	19.159597	79.767576	11.72	IV
379	19.151264	79.783406	8.11	IV
380	19.156100	79.771203	8.24	IV
381	19.157855	79.779166	6.84	IV
382	19.158335	79.769303	5.87	IV
383	19.159493	79.782821	6.65	IV
384	19.158920	79.768827	4.86	IV
385	19.158352	79.763404	23.87	IV
386	19.144132	79.767178	16.23	IV
387	19.158045	79.769879	5.67	IV
388	19.157484	79.765006	9.61	IV
389	19.157866	79.777794	11.38	IV
390	19.145692	79.755502	37.31	V
391	19.151881	79.755008	71.57	V

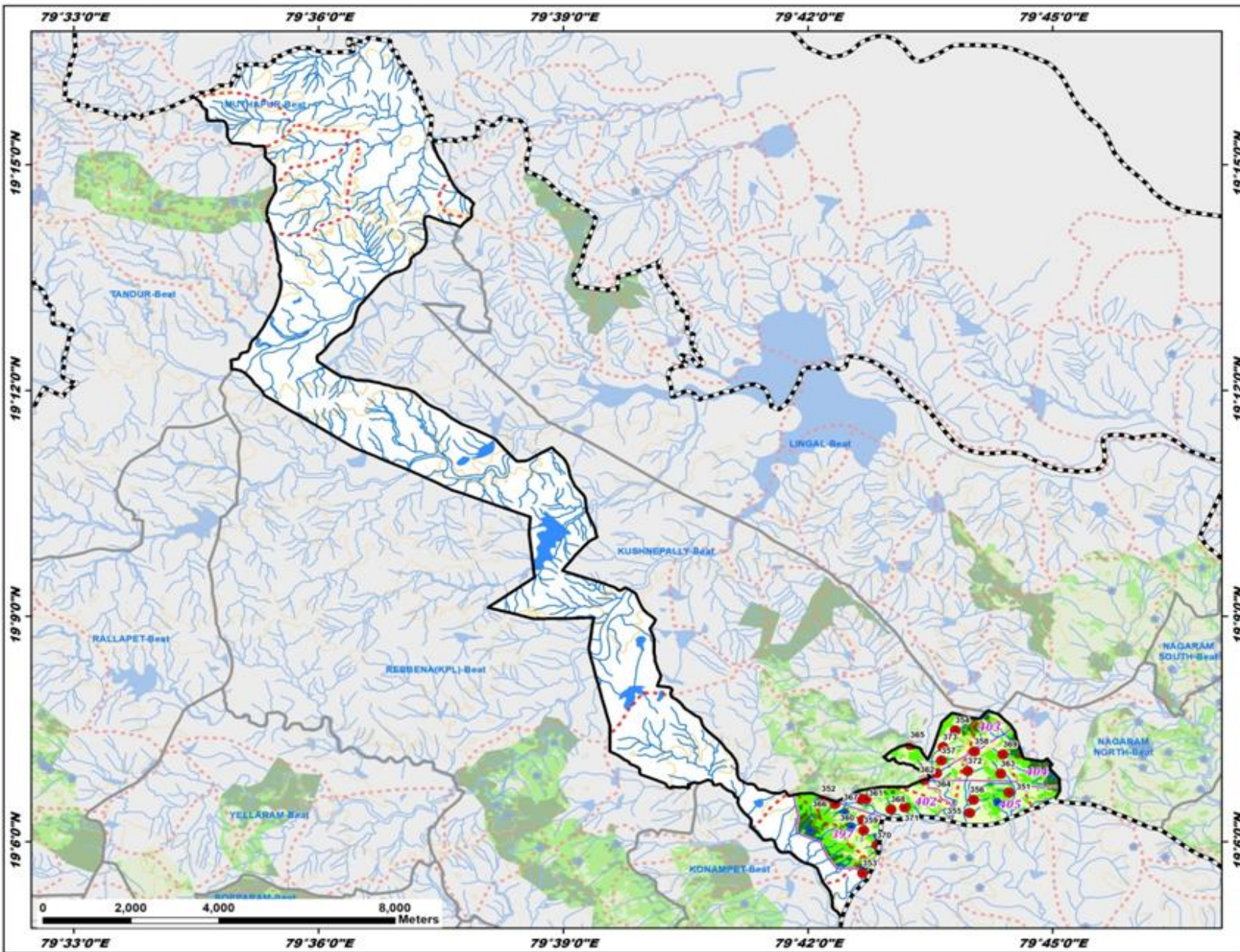
Legend

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

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
351	19.110929	79.741107	6.24	II
352	19.109497	79.703539	10.02	II
353	19.093013	79.711194	12.51	II
354	19.124702	79.730169	19.02	IV
355	19.106391	79.733051	12.74	IV
356	19.109317	79.733872	10.77	IV
357	19.117966	79.727284	6.49	IV
358	19.120008	79.734055	22.55	IV
359	19.102512	79.711407	10.23	IV
360	19.104839	79.711169	8.74	IV
361	19.109515	79.710963	9.95	IV
362	19.113738	79.723737	15.30	IV
363	19.115104	79.739421	16.78	IV
364	19.115176	79.726342	8.45	IV
365	19.121419	79.720948	5.70	IV
366	19.108409	79.705574	9.34	IV
367	19.109421	79.711928	9.76	IV
368	19.107148	79.716974	14.28	IV
369	19.119386	79.739851	7.97	IV
370	19.099217	79.714087	6.98	IV
371	19.107603	79.719786	14.12	IV
372	19.115666	79.732667	44.73	V
373	19.120976	79.727630	33.50	V

Legend

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

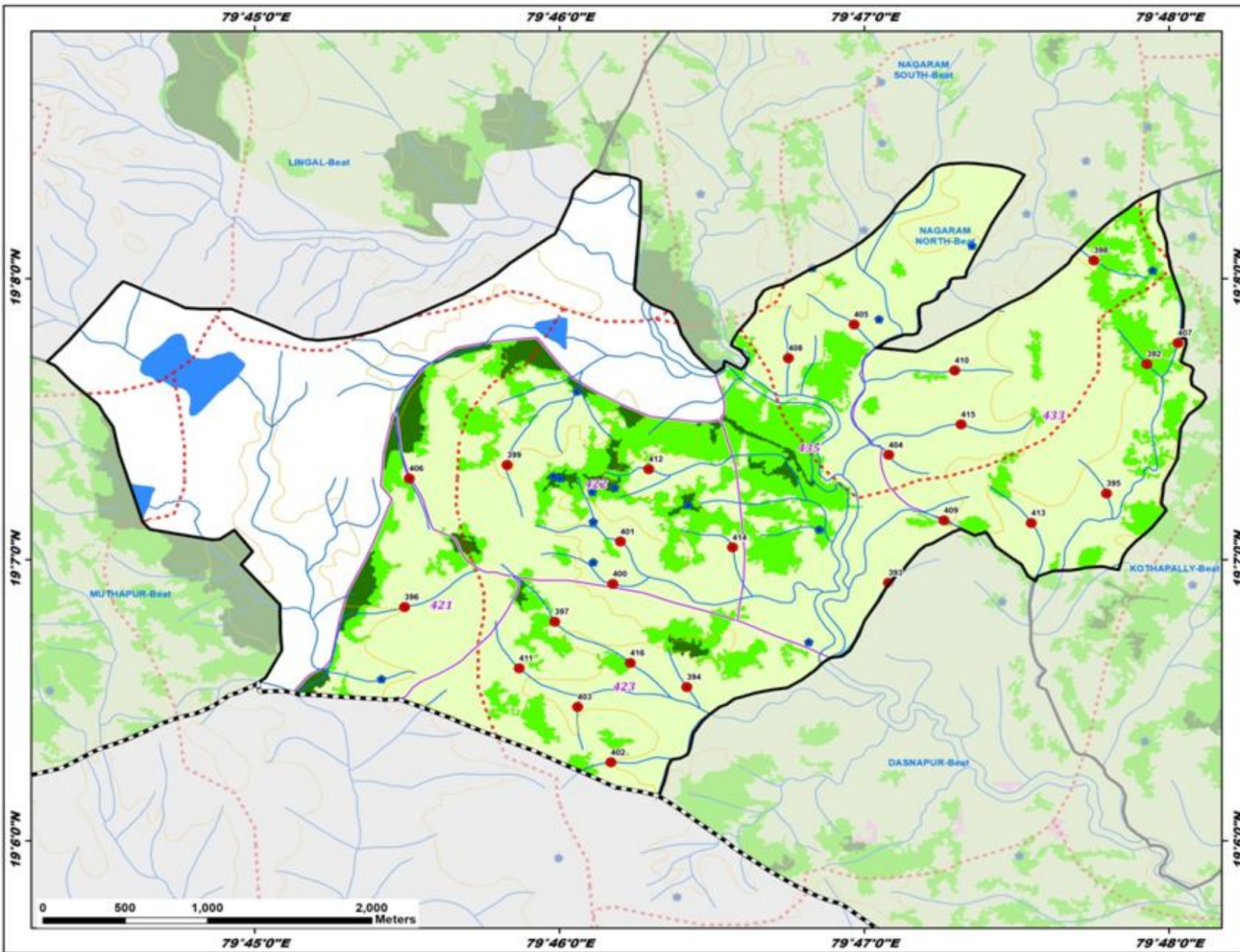
Suitability Index

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

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
392	19.128258	79.798786	22.24	II
393	19.115299	79.784652	13.49	IV
394	19.109109	79.773630	10.99	IV
395	19.120589	79.796567	12.27	IV
396	19.113848	79.758194	22.53	IV
397	19.112989	79.766408	16.94	IV
398	19.134406	79.795882	17.62	IV
399	19.122271	79.763802	11.66	IV
400	19.115218	79.769578	15.77	IV
401	19.117731	79.769991	24.28	IV
402	19.104640	79.769469	12.51	IV
403	19.107928	79.767658	10.77	IV
404	19.122869	79.784663	11.77	IV
405	19.130601	79.782778	11.31	IV
406	19.121472	79.758445	11.16	IV
407	19.129517	79.800476	9.70	IV
408	19.128615	79.779184	7.60	IV
409	19.118996	79.787677	5.86	IV
410	19.127874	79.788271	22.47	IV
411	19.110229	79.764465	16.70	IV
412	19.122029	79.771536	7.80	IV
413	19.118832	79.792459	14.56	IV
414	19.117384	79.776115	8.43	IV
415	19.124676	79.788616	28.81	V
416	19.110541	79.770529	32.55	V

Legend

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

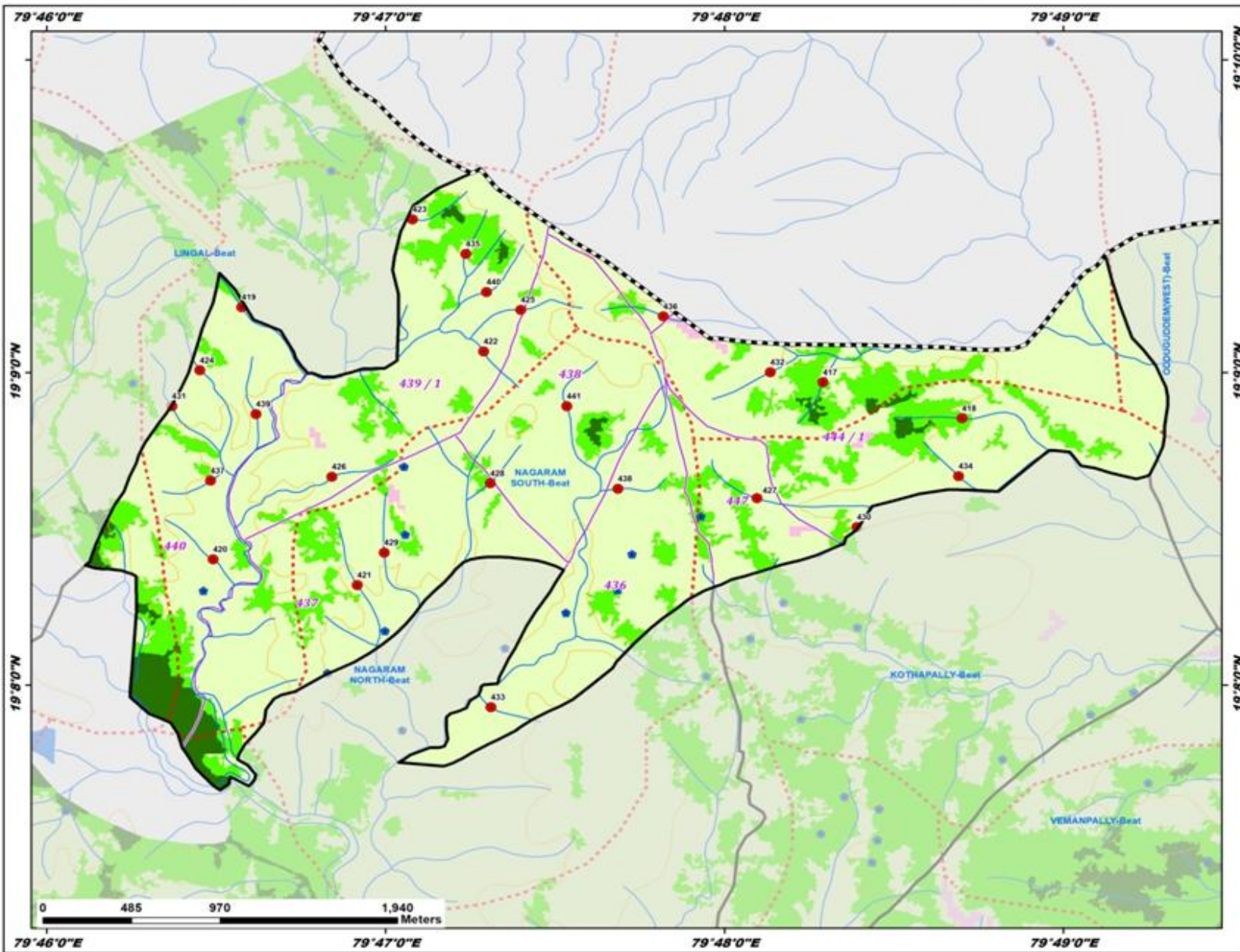
Suitability Index

- 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 Nagaram South Beat



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
417	19.149476	79.804853	10.08	II
418	19.147555	79.811684	10.45	II
419	19.153480	79.776260	11.56	IV
420	19.140041	79.774847	13.35	IV
421	19.138669	79.781936	11.55	IV
422	19.151117	79.788152	17.19	IV
423	19.158160	79.784658	9.87	IV
424	19.150115	79.774201	12.05	IV
425	19.153344	79.789979	11.29	IV
426	19.144434	79.780696	9.88	IV
427	19.143291	79.801598	13.47	IV
428	19.144087	79.788478	8.99	IV
429	19.140402	79.783263	13.75	IV
430	19.141751	79.806513	7.58	IV
431	19.148199	79.772821	11.83	IV
432	19.150015	79.802253	21.86	IV
433	19.132152	79.788513	14.40	IV
434	19.144472	79.811518	8.64	IV
435	19.156326	79.787276	7.04	IV
436	19.152987	79.796997	15.79	IV
437	19.144230	79.774732	13.56	IV
438	19.143796	79.794755	10.31	IV
439	19.147776	79.776958	7.56	IV
440	19.154285	79.788299	9.78	IV
441	19.148202	79.792253	12.20	IV

Legend

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

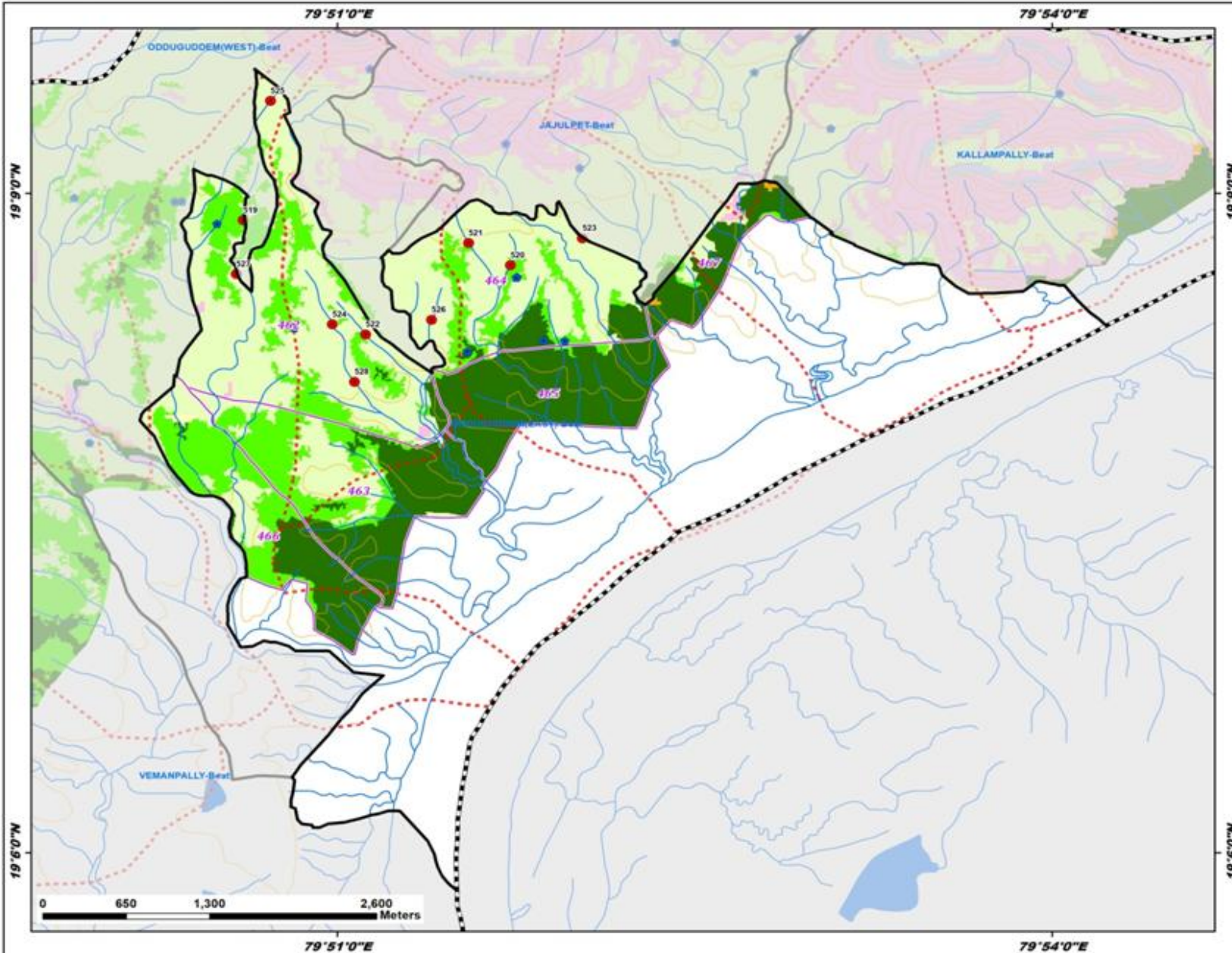
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Oddugudem(East) Beat



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
519	19.147965	79.843419	17.30	II
520	19.144552	79.862107	10.27	II
521	19.146229	79.859180	13.62	IV
522	19.139305	79.851964	14.49	IV
523	19.146596	79.867135	10.24	IV
524	19.140074	79.849651	19.15	IV
525	19.157011	79.845318	20.00	IV
526	19.140413	79.856572	17.75	IV
527	19.143879	79.842925	25.71	V
528	19.135714	79.851204	40.45	V

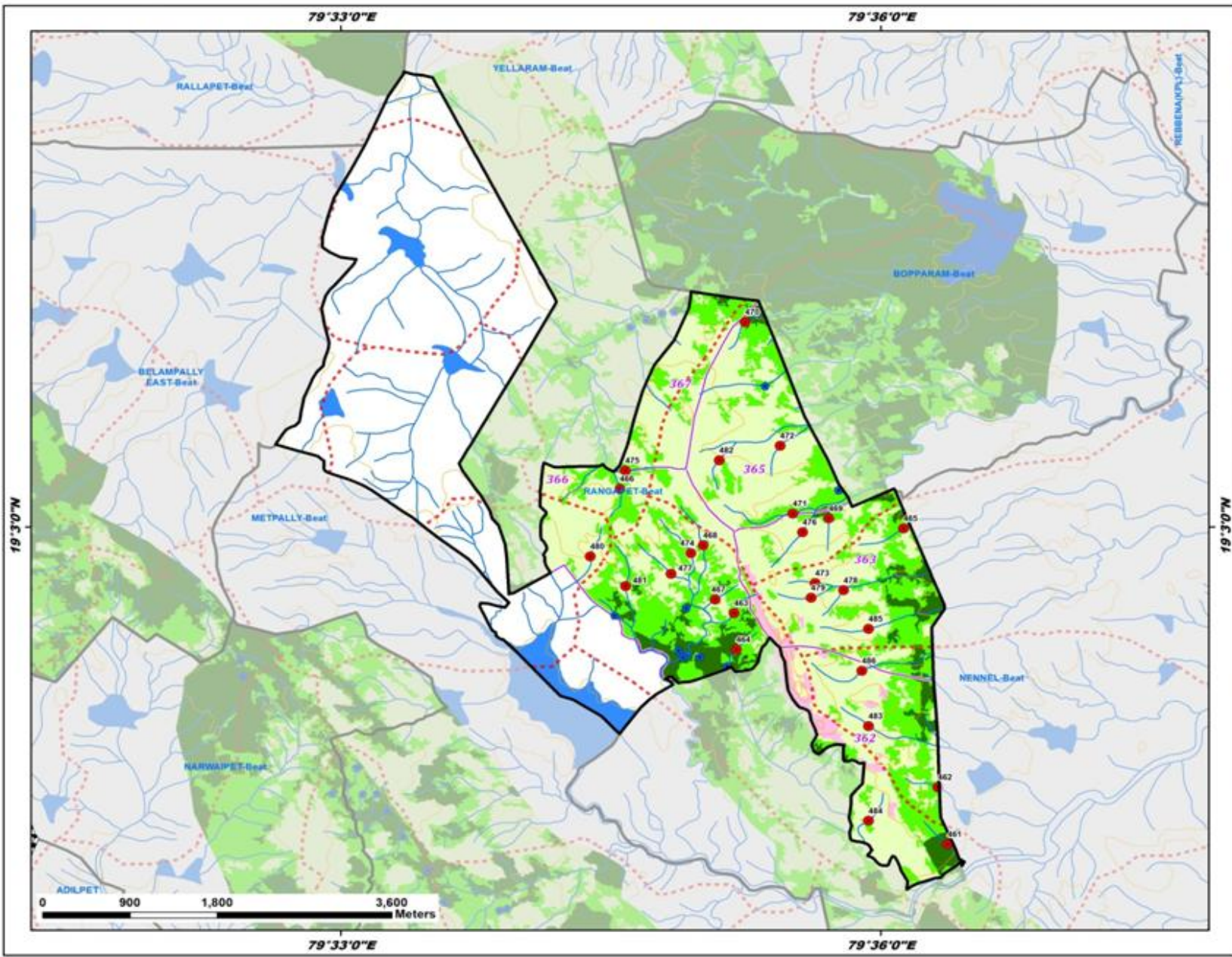
Legend

- 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 Rangapet Beat



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
461	19.018185	79.606222	8.46	I
462	19.023900	79.605294	10.46	II
463	19.041372	79.586430	9.55	II
464	19.037718	79.586640	7.95	II
465	19.049875	79.602133	23.03	II
466	19.053826	79.575874	24.29	II
467	19.042741	79.584677	14.00	II
468	19.048163	79.583581	23.39	II
469	19.050871	79.595193	12.40	II
470	19.070573	79.587457	27.18	III
471	19.051363	79.591869	42.68	III
472	19.058152	79.590696	15.47	IV
473	19.044374	79.593958	8.79	IV
474	19.047387	79.582431	15.29	IV
475	19.055672	79.576364	22.33	IV
476	19.049473	79.592788	20.48	IV
477	19.045309	79.580602	17.09	IV
478	19.043657	79.596561	9.15	IV
479	19.042912	79.593574	17.85	IV
480	19.047062	79.573121	16.47	IV
481	19.044082	79.576397	19.18	IV
482	19.056709	79.585073	14.64	IV
483	19.030045	79.598873	20.61	IV
484	19.020528	79.598885	14.13	IV
485	19.039789	79.598882	18.71	IV
486	19.035580	79.598275	45.12	V

Legend

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

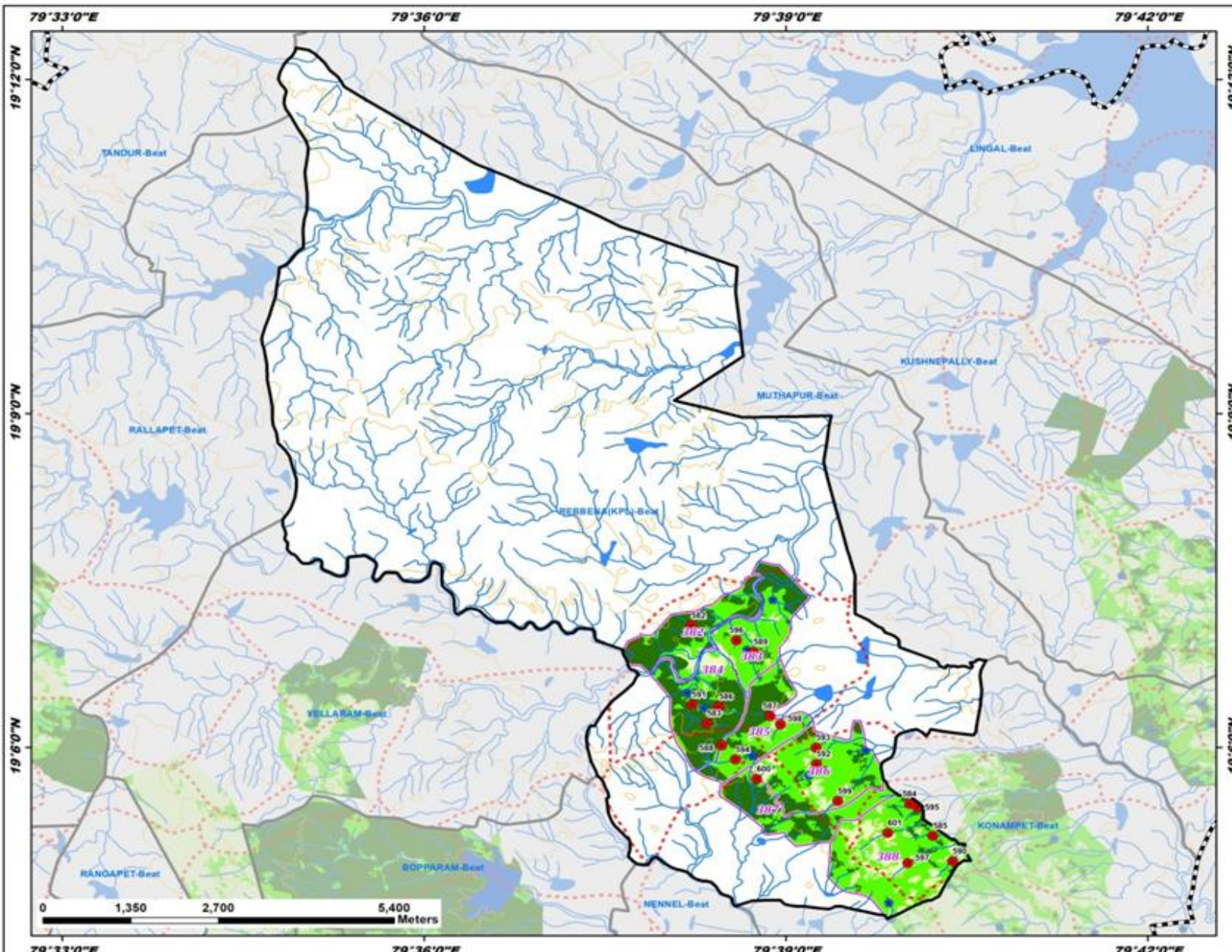
Suitability Index

- 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 Rebbena(KPL) Beat



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
582	19.118260	79.636955	10.97	I
583	19.103576	79.639074	8.74	I
584	19.091539	79.667138	13.54	I
585	19.086733	79.670344	10.94	I
586	19.106100	79.640759	12.94	I
587	19.104696	79.647829	17.26	I
588	19.100301	79.641154	13.86	II
589	19.114297	79.645527	11.84	II
590	19.082940	79.673036	20.74	II
591	19.106401	79.637023	7.05	II
592	19.097476	79.654213	17.70	II
593	19.099929	79.654197	21.61	II
594	19.098168	79.643056	11.09	II
595	19.091079	79.668149	7.30	II
596	19.116050	79.643168	5.49	II
597	19.082659	79.666868	23.94	IV
598	19.103421	79.649258	15.98	IV
599	19.091941	79.657160	15.05	IV
600	19.095251	79.645971	10.18	IV
601	19.087167	79.664085	47.29	V

Legend

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

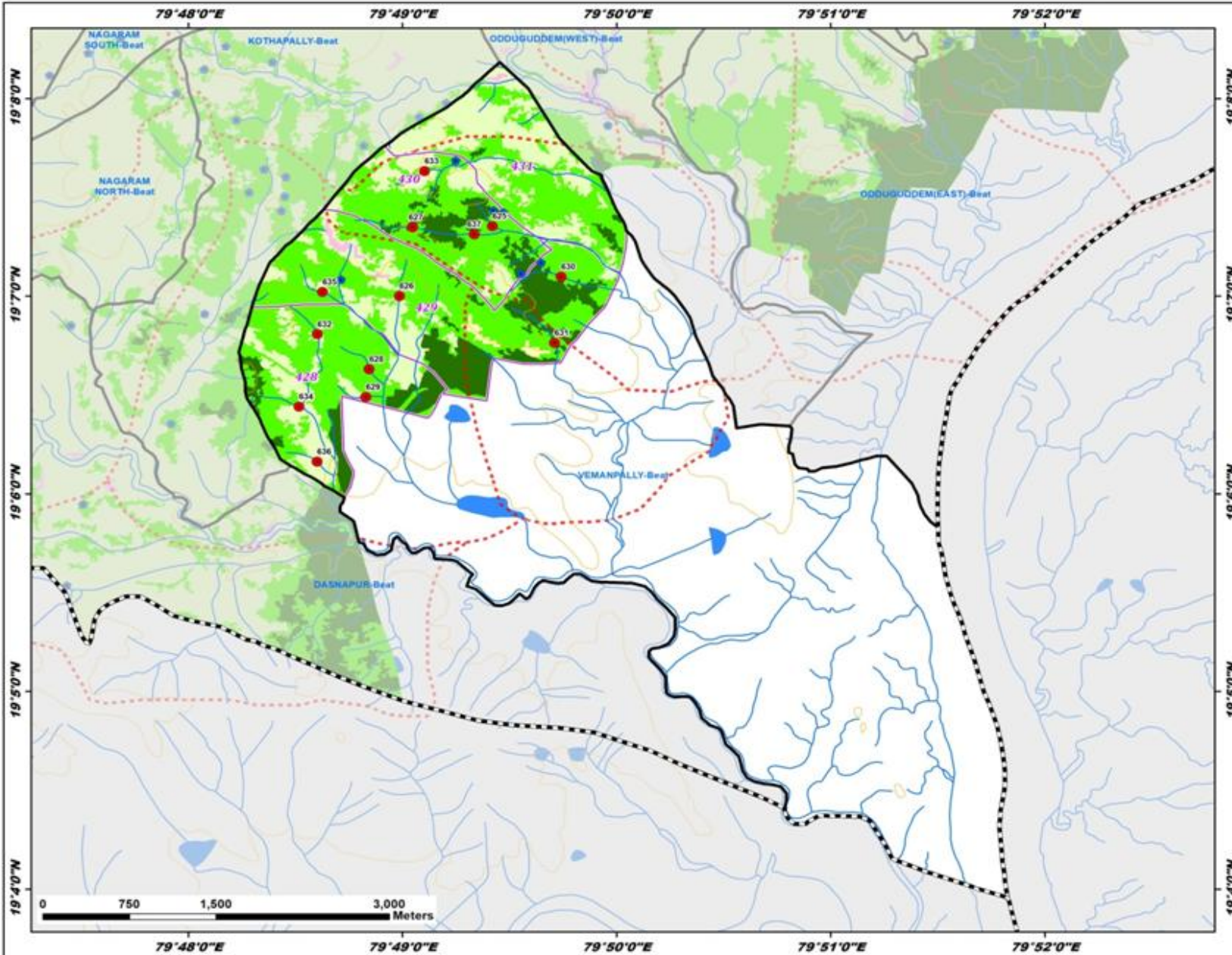
Suitability Index

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

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



Division : Bellampally
Range : Kushnepally



ID	Latitude	Longitude	Catchment Area_ha	Priority
625	19.122569	79.823670	11.64	II
626	19.116681	79.816454	19.42	II
627	19.122476	79.817464	19.01	II
628	19.110504	79.814089	11.73	II
629	19.108165	79.813824	7.87	II
630	19.118300	79.829023	17.99	II
631	19.112737	79.828505	15.87	II
632	19.113457	79.810054	11.88	IV
633	19.127212	79.818400	8.67	IV
634	19.107360	79.808630	12.74	IV
635	19.117024	79.810439	11.68	IV
636	19.102716	79.810040	6.18	IV
637	19.121879	79.822260	44.97	III

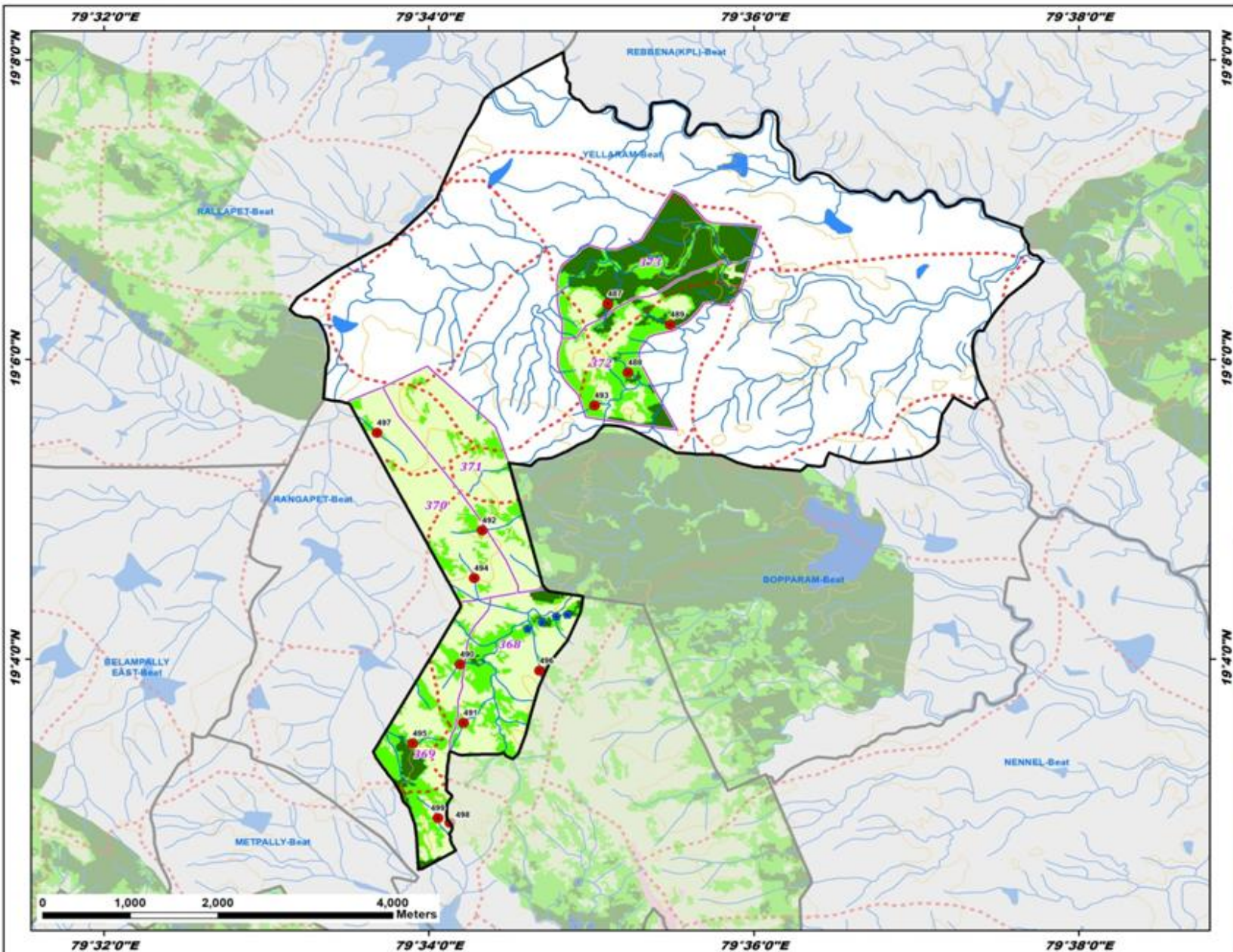
Legend

- 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 Yellaram Beat



Division : Bellampally
Range : Kushnepally



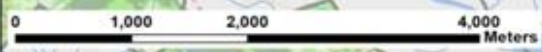
ID	Latitude	Longitude	Catchment Area_ha	Priority
487	19.106188	79.585041	18.42	I
488	19.098536	79.587103	7.36	II
489	19.103865	79.591447	16.56	II
490	19.066097	79.569876	17.53	II
491	19.059585	79.570227	18.60	II
492	19.080979	79.572155	16.51	II
493	19.094872	79.583679	10.03	II
494	19.075685	79.571333	12.64	IV
495	19.057286	79.565024	9.09	IV
496	19.065367	79.578040	21.46	IV
497	19.091826	79.561358	66.51	IV
498	19.048481	79.568829	13.48	IV
499	19.048981	79.567593	11.64	IV

Legend

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

Suitability Index

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



79°32'0"E 79°34'0"E 79°36'0"E 79°38'0"E

19°8'0"N
19°6'0"N
19°4'0"N

19°8'0"N
19°6'0"N
19°4'0"N