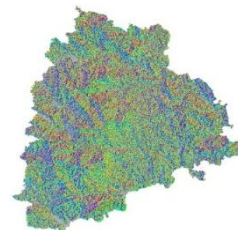
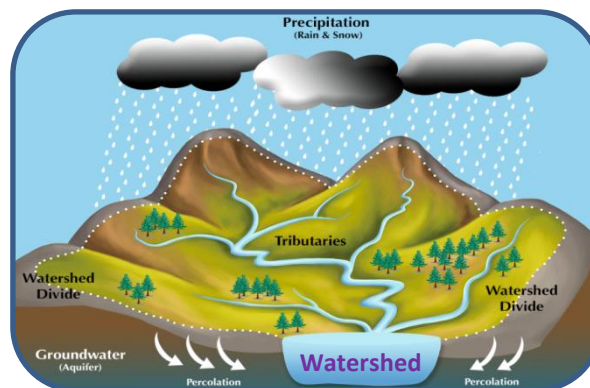


Government of Telangana – Forest Department



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



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

Circle: Mulugu
District: Tadvai
Division: Tadvai

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

METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



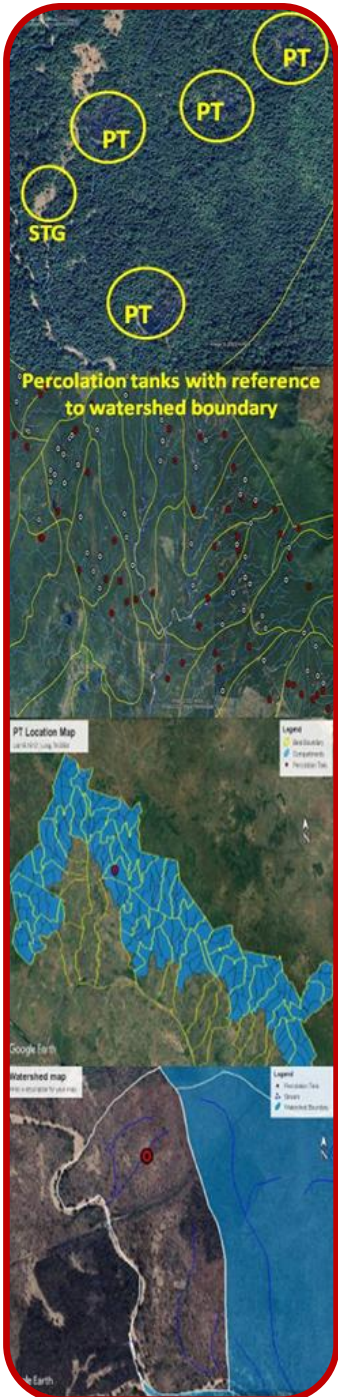
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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

Suitability criteria for Continuous/Staggered contour trenches

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





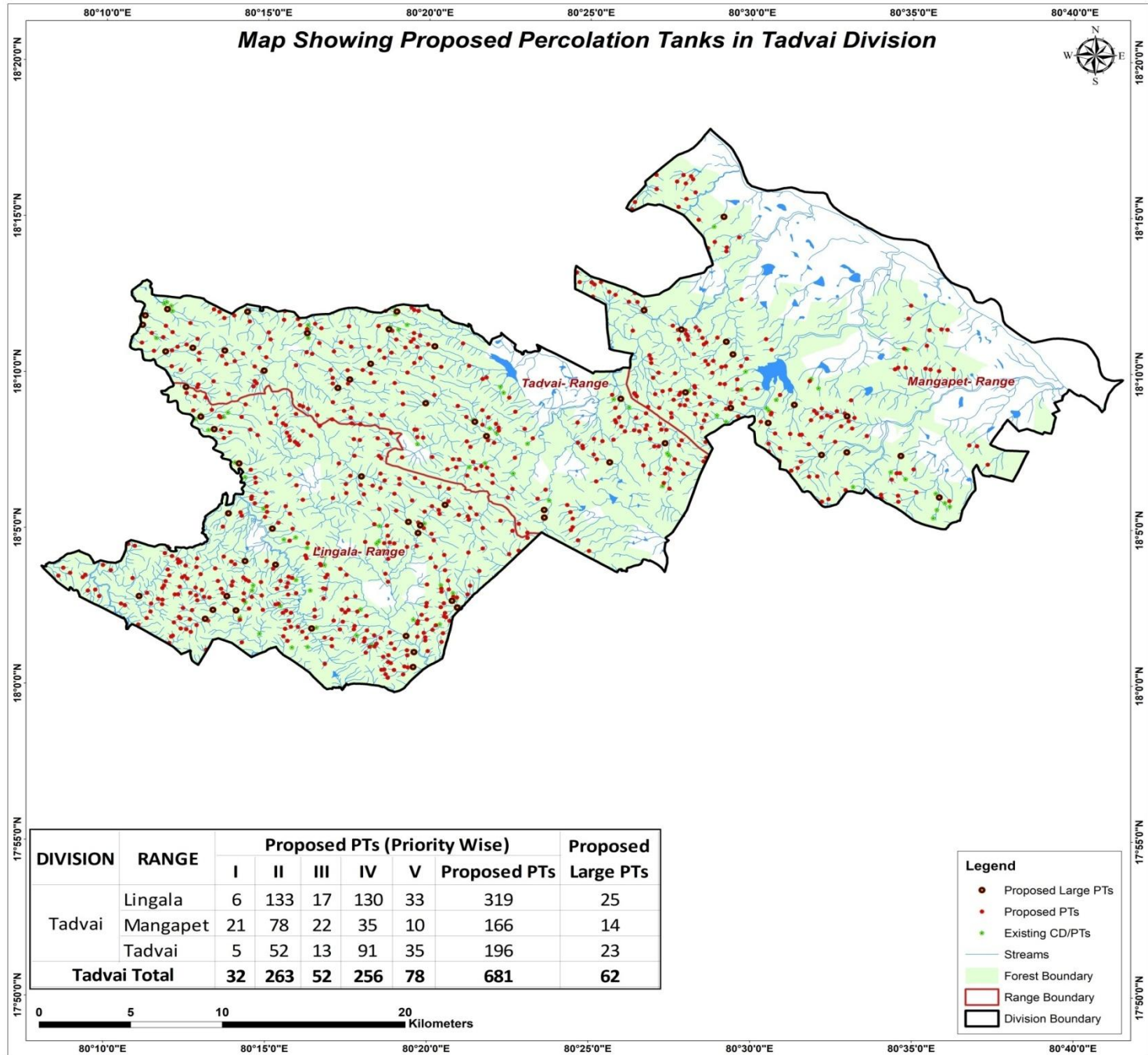
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Tadvai Division

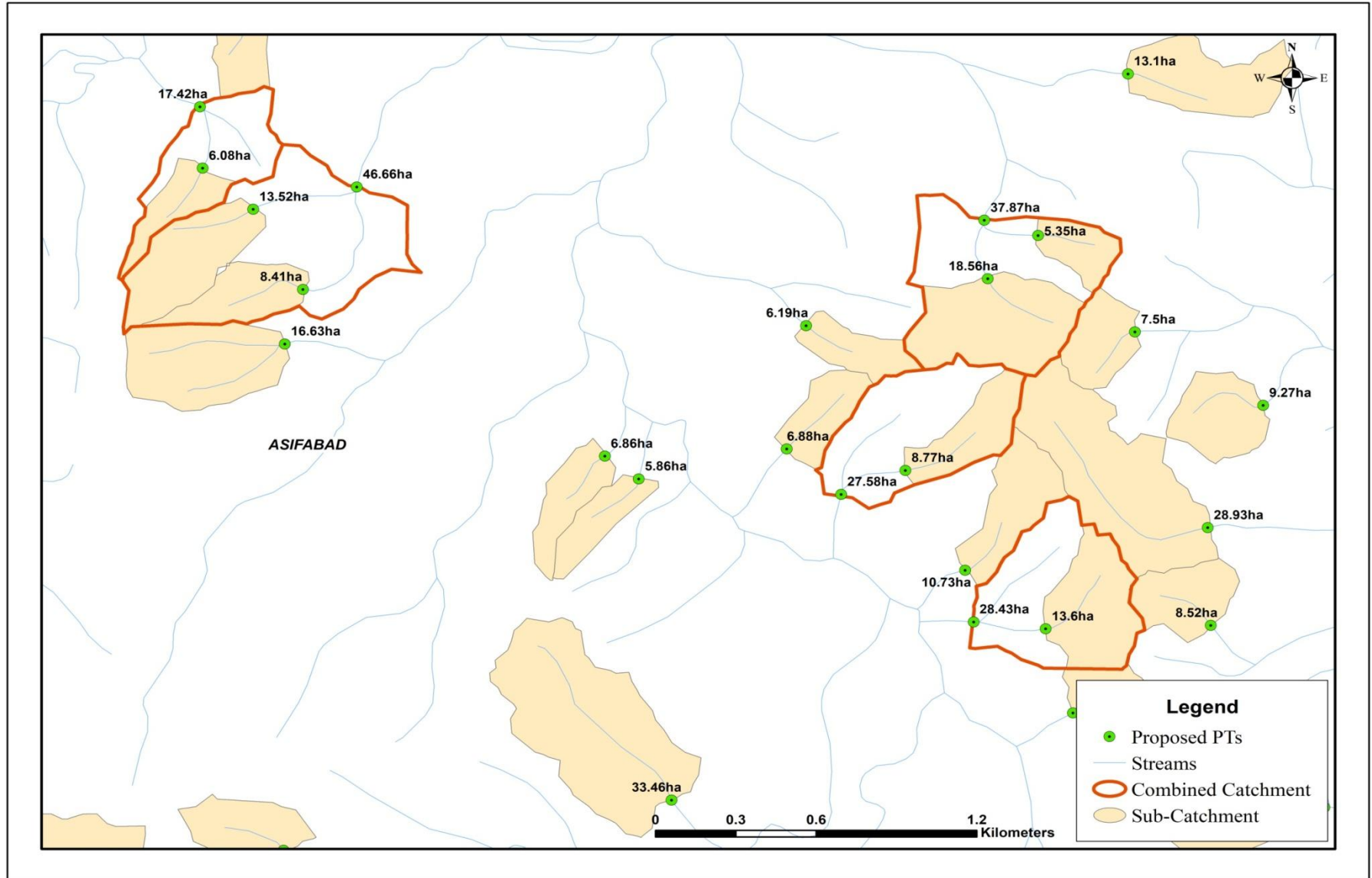


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Tadvai	Lingala	6	133	17	130	33	319	25
	Mangapet	21	78	22	35	10	166	14
	Tadvai	5	52	13	91	35	196	23
Tadvai Total		32	263	52	256	78	681	62

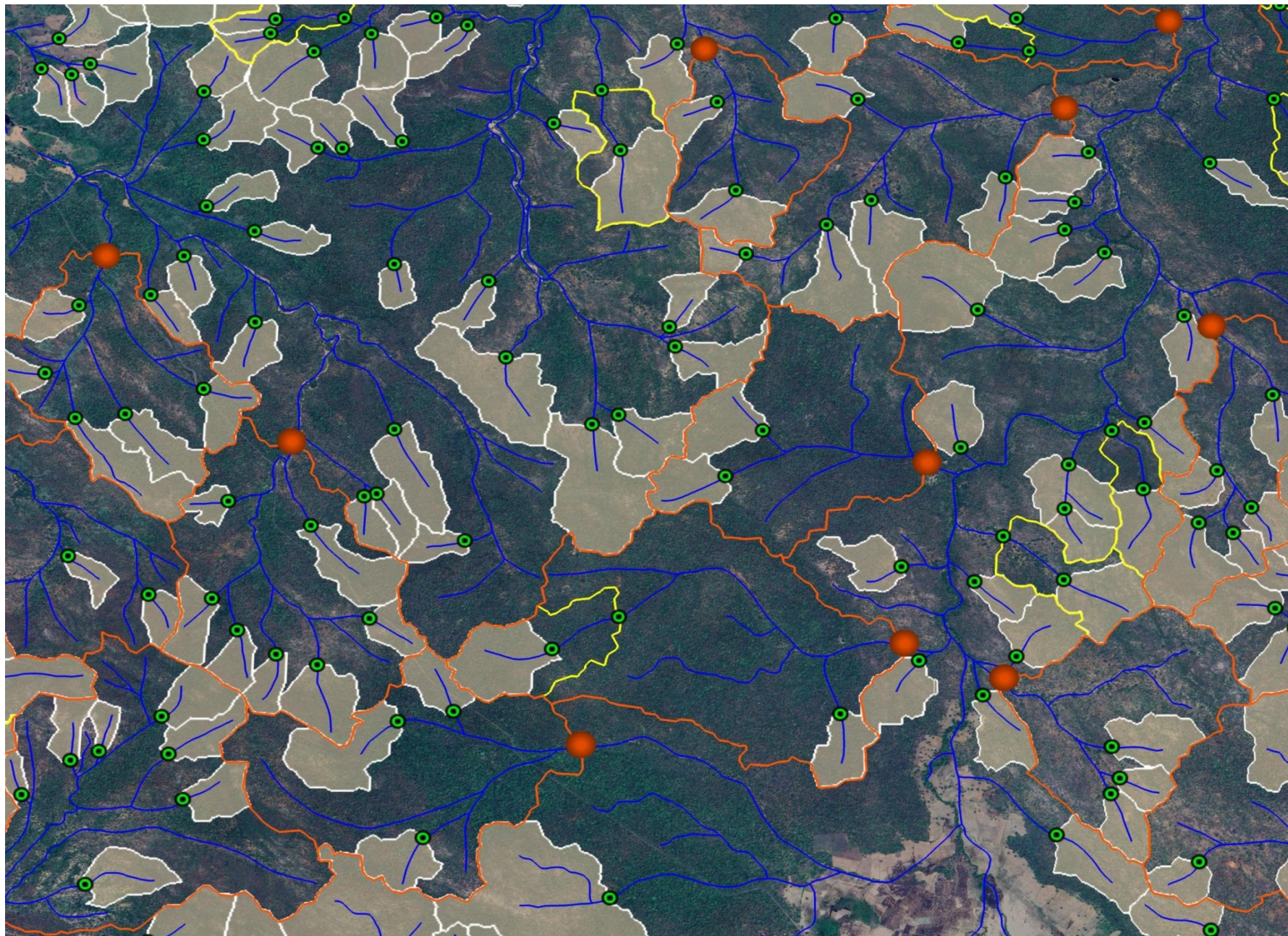
- Legend**
- Proposed Large PTs
 - Proposed PTs
 - Existing CD/PTs
 - Streams
 - Forest Boundary
 - Range Boundary
 - Division Boundary



CATCHMENT AREA



Sample Catchment Map



Map Showing Lingala Range in Tadvai Division

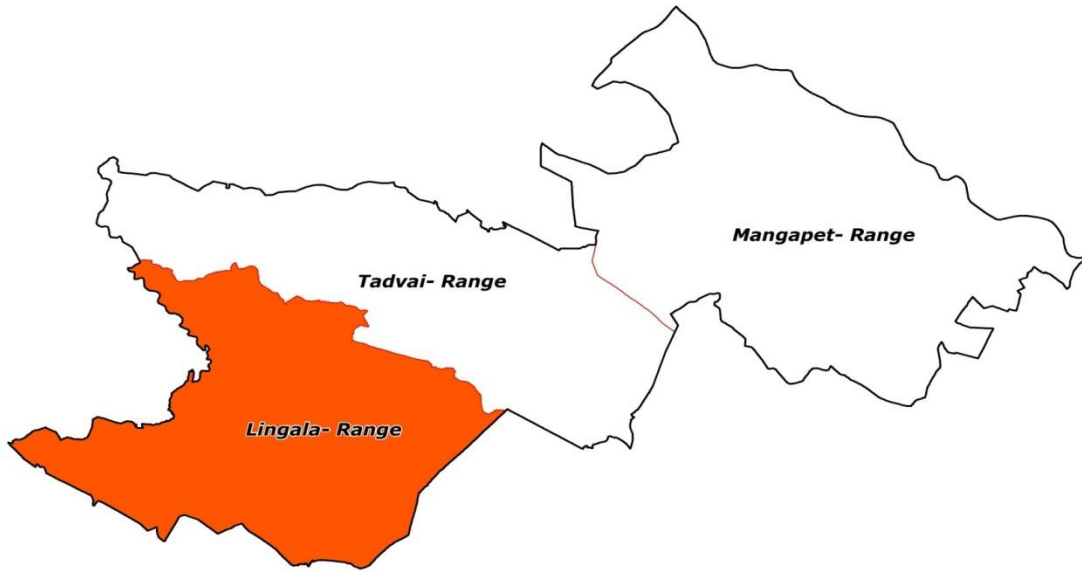


18°24'0"N
18°16'0"N
18°8'0"N
18°0'0"N
17°52'0"N

18°24'0"N
18°16'0"N
18°8'0"N
18°0'0"N
17°52'0"N

80°8'0"E 80°16'0"E 80°24'0"E 80°32'0"E 80°40'0"E

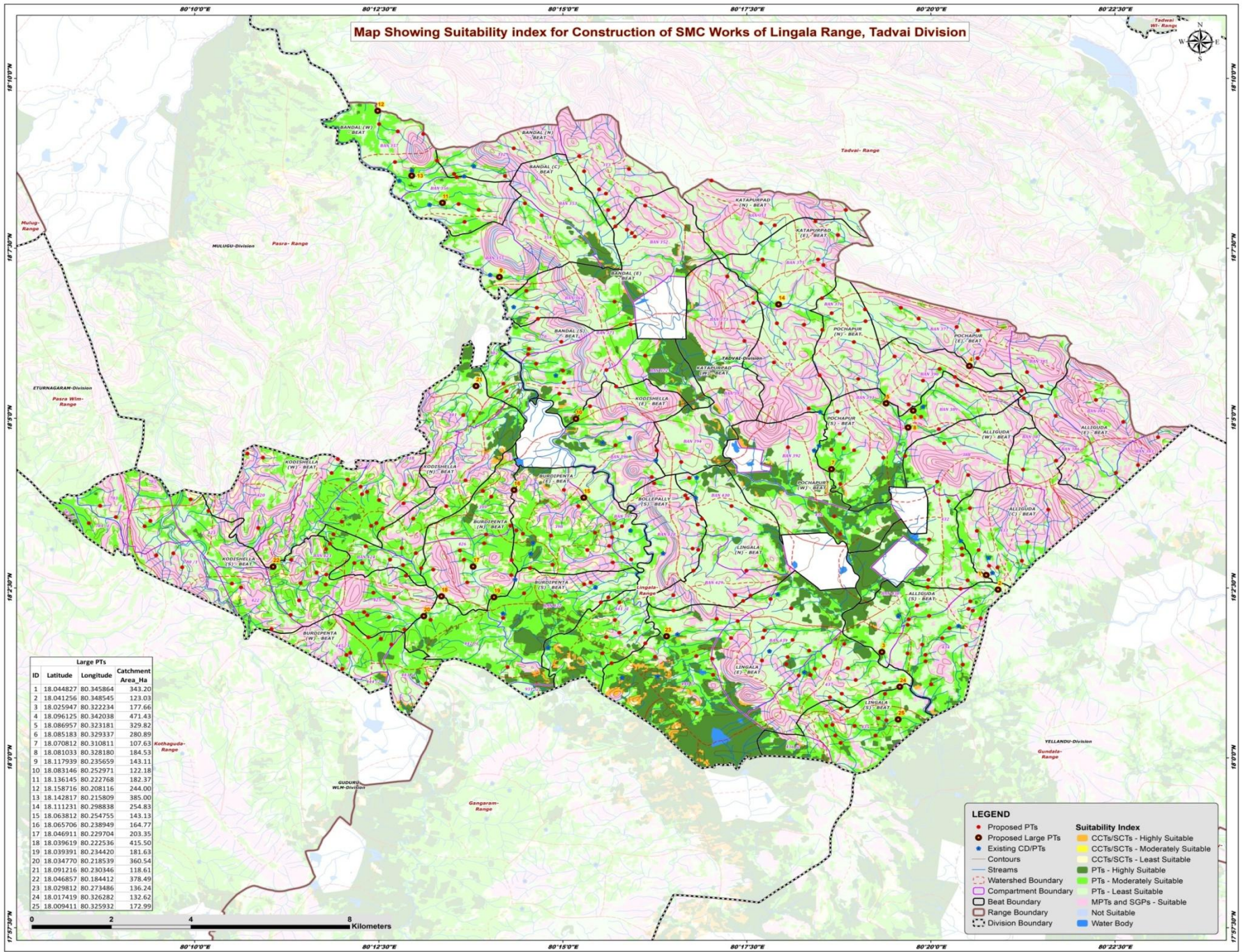
80°8'0"E 80°16'0"E 80°24'0"E 80°32'0"E 80°40'0"E



Legend

-  Division Boundary
-  Range Boundary

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



Large PTs		
ID	Latitude	Longitude
1	18.044827	80.345864
2	18.041256	80.348545
3	18.025947	80.322234
4	18.096125	80.342038
5	18.086957	80.323181
6	18.085183	80.329317
7	18.070812	80.310811
8	18.081033	80.328180
9	18.117939	80.235659
10	18.083146	80.252971
11	18.136145	80.227688
12	18.158716	80.208116
13	18.142817	80.215809
14	18.111231	80.298838
15	18.063812	80.254755
16	18.065706	80.238949
17	18.046913	80.229704
18	18.039619	80.222536
19	18.039391	80.234420
20	18.034770	80.218539
21	18.091216	80.230346
22	18.046857	80.184412
23	18.029812	80.273486
24	18.017419	80.326282
25	18.009411	80.325932

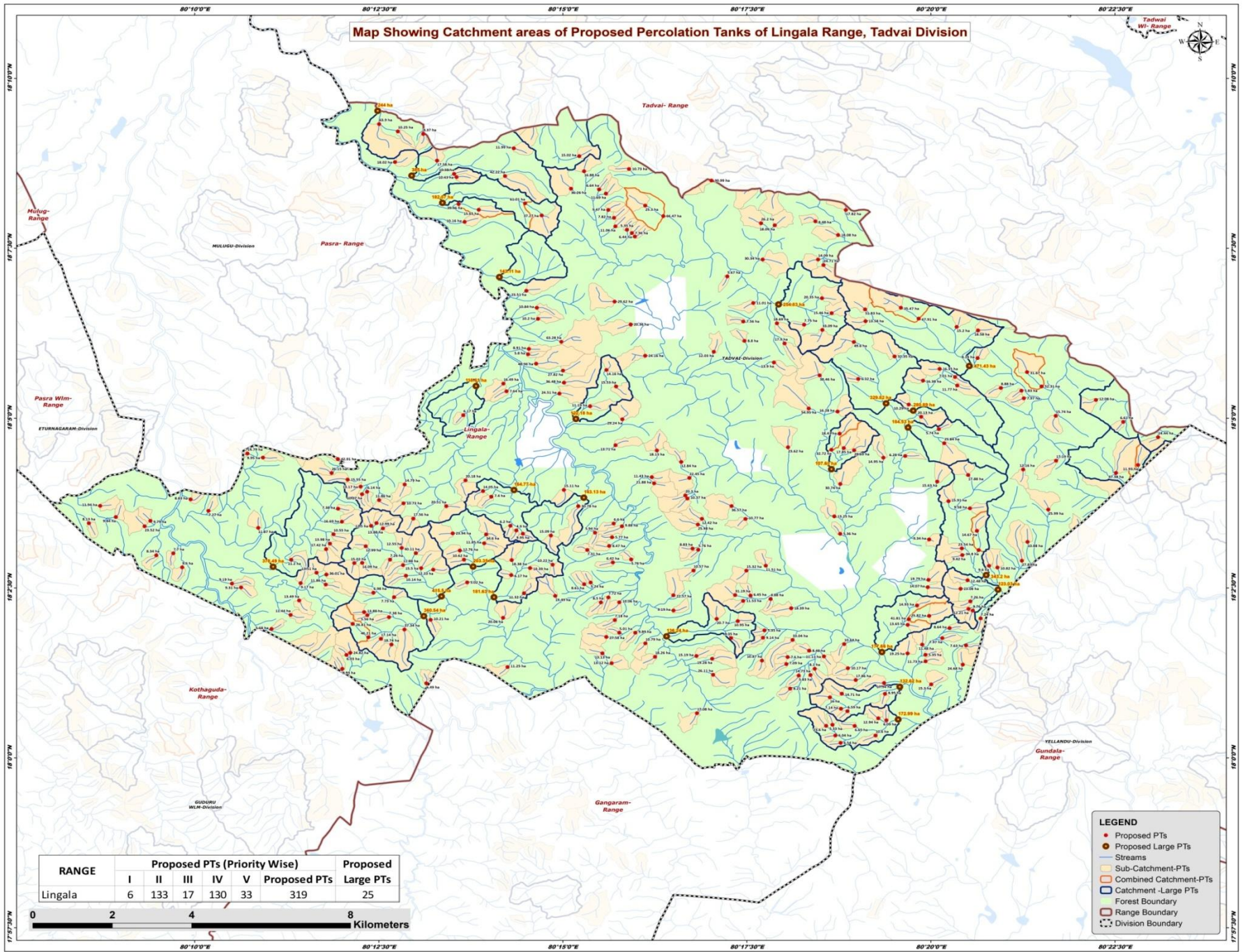
LEGEND

- 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 Lingala Range, Tadvai Division



Beat wise Abstract of Proposed PT's – Lingala Range

S. No.	Beat	Proposed PT's
1	ALLIGUDA (CENTRAL)	10
2	ALLIGUDA (SOUTH)	18
3	ALLIGUDA (WEST)	11
4	ALLIGUDA(EAST)	7
5	BANDAL (CENTRAL)	3
6	BANDAL (NORTH)	12
7	BANDAL (WEST)	7
8	BANDAL EAST	10
9	BANDAL SOUTH	11
10	BOLLEPALLY SOUTH	14
11	BURDIPENTA EAST	14
12	BURDIPENTA NORTH	12
13	BURDIPENTA SOUTH	10
14	BURDIPENTA WEST	7
15	KATAPURPAD EAST	11
16	KATAPURPAD NORTH	4
17	KATAPURPAD WEST	7
18	KODISHELLA (EAST)	6
19	KODISHELLA (NORTH)	14
20	KODISHELLA (WEST)	16
21	KODISHELLA(SOUTH)	30
22	LINGALA (EAST)	31
23	LINGALA (NORTH)	9
24	LINGALA (SOUTH)	11
25	POCHAPUR (EAST)	7
26	POCHAPUR (NORTH)	14
27	POCHAPUR SOUTH	10
28	POCHAPUR WEST	3
	Total	319

List of Proposed PTs – Lingala 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	18.055669	80.343769	14.67	II	ALLIGUDA (C)	41	18.083896	80.361606	15.74	IV	ALLIGUDA(EAST)	81	18.133057	80.245214	37.27	V	BANDAL (CENTRAL)
2	18.061201	80.342180	9.58	II	ALLIGUDA (C)	42	18.078648	80.384764	14.44	IV	ALLIGUDA(EAST)	82	18.139623	80.251884	36.26	V	BANDAL (CENTRAL)
3	18.047105	80.346516	9.60	IV	ALLIGUDA (C)	43	18.082421	80.376902	6.61	IV	ALLIGUDA(EAST)	83	18.136017	80.241466	61.01	V	BANDAL (CENTRAL)
4	18.052974	80.355213	10.88	IV	ALLIGUDA (C)	44	18.071818	80.380221	11.93	IV	ALLIGUDA(EAST)	84	18.142472	80.225939	10.43	I	BANDAL (NORTH)
5	18.072897	80.361675	17.19	IV	ALLIGUDA (C)	45	18.088202	80.354374	7.97	IV	ALLIGUDA(EAST)	85	18.143245	80.225397	10.38	II	BANDAL (NORTH)
6	18.046689	80.348397	10.82	IV	ALLIGUDA (C)	46	18.069886	80.375255	47.38	V	ALLIGUDA(EAST)	86	18.146516	80.221526	17.58	II	BANDAL (NORTH)
7	18.070719	80.354215	12.16	IV	ALLIGUDA (C)	47	18.110400	80.326537	35.47	III	POCHAPUR (EAST)	87	18.147610	80.253734	15.02	IV	BANDAL (NORTH)
8	18.060891	80.359916	25.99	V	ALLIGUDA (C)	48	18.098060	80.343896	8.14	IV	POCHAPUR (EAST)	88	18.132472	80.261598	7.82	IV	BANDAL (NORTH)
9	18.048353	80.353944	27.83	V	ALLIGUDA (C)	49	18.105721	80.339182	15.20	IV	POCHAPUR (EAST)	89	18.149523	80.238900	11.99	IV	BANDAL (NORTH)
10	18.050958	80.344166	34.80	V	ALLIGUDA (C)	50	18.104853	80.344012	18.58	IV	POCHAPUR (EAST)	90	18.143905	80.254826	16.88	IV	BANDAL (NORTH)
11	18.018006	80.333405	15.30	I	ALLIGUDA (SOUTH)	51	18.094621	80.355105	31.67	V	POCHAPUR (EAST)	91	18.138413	80.259768	11.69	IV	BANDAL (NORTH)
12	18.029364	80.335904	7.97	II	ALLIGUDA (SOUTH)	52	18.107737	80.330567	67.91	V	POCHAPUR (EAST)	92	18.134411	80.260303	9.47	IV	BANDAL (NORTH)
13	18.027760	80.331373	11.48	II	ALLIGUDA (SOUTH)	53	18.091106	80.358401	52.31	V	POCHAPUR (EAST)	93	18.144446	80.264986	10.73	IV	BANDAL (NORTH)
14	18.034201	80.344602	7.24	II	ALLIGUDA (SOUTH)	54	18.095394	80.335320	16.35	II	POCHAPUR (NORTH)	94	18.139424	80.258227	6.64	IV	BANDAL (NORTH)
15	18.023674	80.332133	11.73	II	ALLIGUDA (SOUTH)	55	18.112760	80.308683	20.35	II	POCHAPUR (NORTH)	95	18.142716	80.236931	42.22	V	BANDAL (NORTH)
16	18.025263	80.332106	5.35	II	ALLIGUDA (SOUTH)	56	18.093435	80.338801	7.01	II	POCHAPUR (NORTH)	96	18.134445	80.230983	15.65	II	BANDAL (WEST)
17	18.022870	80.340554	24.68	II	ALLIGUDA (SOUTH)	57	18.086678	80.328333	10.29	IV	POCHAPUR (NORTH)	97	18.131479	80.227778	10.16	II	BANDAL (WEST)
18	18.036117	80.342815	9.76	II	ALLIGUDA (SOUTH)	58	18.092951	80.316911	6.32	IV	POCHAPUR (NORTH)	98	18.153039	80.218401	8.37	II	BANDAL (WEST)
19	18.038397	80.342275	7.26	II	ALLIGUDA (SOUTH)	59	18.092536	80.331563	16.38	IV	POCHAPUR (NORTH)	99	18.153683	80.212679	10.25	IV	BANDAL (WEST)
20	18.031807	80.337568	8.64	II	ALLIGUDA (SOUTH)	60	18.090748	80.349185	8.88	IV	POCHAPUR (NORTH)	100	18.155485	80.208423	63.90	IV	BANDAL (WEST)
21	18.037361	80.330205	14.93	II	ALLIGUDA (SOUTH)	61	18.107127	80.318538	13.58	IV	POCHAPUR (NORTH)	101	18.146170	80.212027	18.02	IV	BANDAL (WEST)
22	18.034825	80.332947	25.82	III	ALLIGUDA (SOUTH)	62	18.109071	80.310864	15.46	IV	POCHAPUR (NORTH)	102	18.135871	80.226420	39.46	V	BANDAL (WEST)
23	18.027575	80.341286	7.63	IV	ALLIGUDA (SOUTH)	63	18.090056	80.353833	5.83	IV	POCHAPUR (NORTH)	103	18.114564	80.241747	23.51	II	BANDAL EAST
24	18.025615	80.328052	19.25	IV	ALLIGUDA (SOUTH)	64	18.110019	80.318444	51.83	V	POCHAPUR (NORTH)	104	18.111909	80.261726	29.62	III	BANDAL EAST
25	18.036541	80.341872	12.21	IV	ALLIGUDA (SOUTH)	65	18.104966	80.308763	33.09	V	POCHAPUR (NORTH)	105	18.110409	80.244138	10.84	IV	BANDAL EAST
26	18.032611	80.328084	13.65	IV	ALLIGUDA (SOUTH)	66	18.102015	80.315914	49.60	V	POCHAPUR (NORTH)	106	18.130373	80.261913	11.06	IV	BANDAL EAST
27	18.041451	80.340069	23.08	IV	ALLIGUDA (SOUTH)	67	18.098450	80.325111	32.35	V	POCHAPUR (NORTH)	107	18.129557	80.264525	5.35	IV	BANDAL EAST
28	18.033976	80.328315	41.81	III	ALLIGUDA (SOUTH)	68	18.075976	80.313600	17.85	II	POCHAPUR SOUTH	108	18.127867	80.266330	6.44	IV	BANDAL EAST
29	18.051366	80.340337	23.54	II	ALLIGUDA (WEST)	69	18.083675	80.331135	20.13	II	POCHAPUR SOUTH	109	18.107684	80.244383	10.20	IV	BANDAL EAST
30	18.041861	80.332631	14.07	II	ALLIGUDA (WEST)	70	18.079522	80.312675	18.41	II	POCHAPUR SOUTH	110	18.128733	80.265638	7.36	IV	BANDAL EAST
31	18.049736	80.340444	9.42	II	ALLIGUDA (WEST)	71	18.067170	80.312837	30.74	III	POCHAPUR SOUTH	111	18.135480	80.268682	25.30	V	BANDAL EAST
32	18.074041	80.327521	6.28	II	ALLIGUDA (WEST)	72	18.084951	80.312201	16.28	IV	POCHAPUR SOUTH	112	18.132890	80.272755	66.47	V	BANDAL EAST
33	18.062964	80.337314	15.91	II	ALLIGUDA (WEST)	73	18.080640	80.335132	5.74	IV	POCHAPUR SOUTH	113	18.089346	80.249247	24.51	II	BANDAL SOUTH
34	18.043654	80.332779	19.79	IV	ALLIGUDA (WEST)	74	18.073616	80.322572	14.95	IV	POCHAPUR SOUTH	114	18.106319	80.265372	20.36	II	BANDAL SOUTH
35	18.043557	80.341650	12.48	IV	ALLIGUDA (WEST)	75	18.091347	80.339314	11.77	IV	POCHAPUR SOUTH	115	18.094988	80.250053	27.82	II	BANDAL SOUTH
36	18.053578	80.332942	9.34	IV	ALLIGUDA (WEST)	76	18.075452	80.315956	28.69	V	POCHAPUR SOUTH	116	18.098627	80.268683	24.16	II	BANDAL SOUTH
37	18.067768	80.334758	15.63	IV	ALLIGUDA (WEST)	77	18.075593	80.310810	32.72	III	POCHAPUR SOUTH	117	18.100301	80.242320	8.91	II	BANDAL SOUTH
38	18.069372	80.341783	17.88	IV	ALLIGUDA (WEST)	78	18.059218	80.311467	13.25	II	POCHAPUR WEST	118	18.096675	80.243970	48.36	III	BANDAL SOUTH
39	18.077185	80.336362	25.84	V	ALLIGUDA (WEST)	79	18.054954	80.312812	5.36	II	POCHAPUR WEST	119	18.099017	80.242148	5.80	IV	BANDAL SOUTH
40	18.087797	80.370718	12.08	II	ALLIGUDA(EAST)	80	18.076170	80.300991	23.62	IV	POCHAPUR WEST	120	18.095136	80.259887	14.16	IV	BANDAL SOUTH

List of Proposed PTs – Lingala 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	18.091109	80.262079	15.53	IV	BANDAL SOUTH	161	18.043026	80.228377	5.02	II	BURDIPENTA (N)	201	18.046529	80.217947	15.50	II	KODISHELLA (N)
122	18.092053	80.250278	36.48	V	BANDAL SOUTH	162	18.044828	80.238338	6.17	II	BURDIPENTA (N)	202	18.047280	80.213832	11.88	II	KODISHELLA (N)
123	18.102063	80.249674	63.28	V	BANDAL SOUTH	163	18.056932	80.238158	6.20	II	BURDIPENTA (N)	203	18.048618	80.210885	7.26	II	KODISHELLA (N)
124	18.120898	80.309015	24.71	IV	KATAPURPAD EAST	164	18.064047	80.233829	7.40	II	BURDIPENTA (N)	204	18.051894	80.205383	12.99	II	KODISHELLA (N)
125	18.122235	80.307802	14.09	IV	KATAPURPAD EAST	165	18.048494	80.238446	18.38	II	BURDIPENTA (N)	205	18.056291	80.209271	13.88	II	KODISHELLA (N)
126	18.097006	80.297805	13.90	IV	KATAPURPAD EAST	166	18.050846	80.226710	12.76	II	BURDIPENTA (N)	206	18.054836	80.198092	10.55	II	KODISHELLA (N)
127	18.131618	80.307187	8.48	IV	KATAPURPAD EAST	167	18.048601	80.227630	10.62	II	BURDIPENTA (N)	207	18.050195	80.216740	40.11	III	KODISHELLA (N)
128	18.128239	80.312335	18.08	IV	KATAPURPAD EAST	168	18.065431	80.231949	14.05	II	BURDIPENTA (N)	208	18.068075	80.227991	20.18	IV	KODISHELLA (N)
129	18.106606	80.298492	18.69	IV	KATAPURPAD EAST	169	18.055058	80.225095	23.94	II	BURDIPENTA (N)	209	18.056897	80.206621	12.50	II	KODISHELLA (WEST)
130	18.106249	80.304635	7.75	IV	KATAPURPAD EAST	170	18.054789	80.232658	34.60	III	BURDIPENTA (N)	210	18.057934	80.200003	16.69	II	KODISHELLA (WEST)
131	18.101657	80.300209	17.90	IV	KATAPURPAD EAST	171	18.046167	80.220677	12.33	IV	BURDIPENTA (N)	211	18.056409	80.181042	11.87	II	KODISHELLA (WEST)
132	18.085706	80.305675	54.95	V	KATAPURPAD EAST	172	18.039346	80.260322	7.72	II	BURDIPENTA SOUTH	212	18.068247	80.201306	15.55	II	KODISHELLA (WEST)
133	18.122244	80.295243	30.34	V	KATAPURPAD EAST	173	18.033841	80.220086	10.21	II	BURDIPENTA SOUTH	213	18.061112	80.199120	7.38	II	KODISHELLA (WEST)
134	18.093808	80.308150	38.46	V	KATAPURPAD EAST	174	18.040362	80.241222	11.32	II	BURDIPENTA SOUTH	214	18.057580	80.207807	12.99	II	KODISHELLA (WEST)
135	18.134409	80.314086	17.82	IV	KATAPURPAD (N)	175	18.046561	80.242589	10.39	II	BURDIPENTA SOUTH	215	18.065285	80.205704	6.14	II	KODISHELLA (WEST)
136	18.130640	80.297985	18.09	IV	KATAPURPAD (N)	176	18.039726	80.248299	19.49	II	BURDIPENTA SOUTH	216	18.067059	80.214207	14.79	II	KODISHELLA (WEST)
137	18.131152	80.294874	26.20	V	KATAPURPAD (N)	177	18.022266	80.237510	11.25	IV	BURDIPENTA SOUTH	217	18.063212	80.208416	11.86	II	KODISHELLA (WEST)
138	18.141614	80.283660	30.99	V	KATAPURPAD (N)	178	18.038136	80.258627	8.50	IV	BURDIPENTA SOUTH	218	18.062444	80.213954	10.73	II	KODISHELLA (WEST)
139	18.118085	80.287247	5.67	II	KATAPURPAD (W)	179	18.034338	80.236476	20.06	IV	BURDIPENTA SOUTH	219	18.074648	80.178599	14.79	II	KODISHELLA (WEST)
140	18.072579	80.276812	12.84	IV	KATAPURPAD (W)	180	18.043010	80.256316	5.24	IV	BURDIPENTA SOUTH	220	18.073274	80.199086	42.91	III	KODISHELLA (WEST)
141	18.099592	80.284192	12.03	IV	KATAPURPAD (W)	181	18.042598	80.254842	8.61	IV	BURDIPENTA SOUTH	221	18.066536	80.204253	13.17	IV	KODISHELLA (WEST)
142	18.107049	80.290860	7.56	IV	KATAPURPAD (W)	182	18.027790	80.211199	18.74	II	BURDIPENTA WEST	222	18.073662	80.182119	9.95	IV	KODISHELLA (WEST)
143	18.111565	80.293139	11.01	IV	KATAPURPAD (W)	183	18.025229	80.201047	6.03	II	BURDIPENTA WEST	223	18.064675	80.204548	10.27	IV	KODISHELLA (WEST)
144	18.102283	80.291133	8.80	IV	KATAPURPAD (W)	184	18.018283	80.219114	6.49	II	BURDIPENTA WEST	224	18.069866	80.197665	26.15	V	KODISHELLA (WEST)
145	18.075391	80.271315	18.13	IV	KATAPURPAD (W)	185	18.025760	80.201892	24.82	II	BURDIPENTA WEST	225	18.051190	80.196428	17.42	I	KODISHELLA(SOUTH)
146	18.057487	80.261513	6.60	II	BURDIPENTA EAST	186	18.029195	80.208845	17.14	II	BURDIPENTA WEST	226	18.052554	80.197278	13.98	II	KODISHELLA(SOUTH)
147	18.047382	80.247697	10.22	II	BURDIPENTA EAST	187	18.021833	80.200096	8.93	IV	BURDIPENTA WEST	227	18.042519	80.196339	11.86	II	KODISHELLA(SOUTH)
148	18.055789	80.239477	4.90	II	BURDIPENTA EAST	188	18.029574	80.205998	46.21	III	BURDIPENTA WEST	228	18.035765	80.205025	13.88	II	KODISHELLA(SOUTH)
149	18.055249	80.257295	5.94	II	BURDIPENTA EAST	189	18.089938	80.237259	7.64	II	KODISHELLA (EAST)	229	18.045393	80.194250	13.51	II	KODISHELLA(SOUTH)
150	18.050972	80.255556	7.31	II	BURDIPENTA EAST	190	18.076670	80.261953	13.71	II	KODISHELLA (EAST)	230	18.039413	80.211804	7.73	II	KODISHELLA(SOUTH)
151	18.054539	80.247301	15.09	II	BURDIPENTA EAST	191	18.083053	80.263480	29.24	III	KODISHELLA (EAST)	231	18.042748	80.175105	9.19	II	KODISHELLA(SOUTH)
152	18.054985	80.240964	9.95	II	BURDIPENTA EAST	192	18.091802	80.236552	16.49	IV	KODISHELLA (EAST)	232	18.034992	80.205756	5.56	II	KODISHELLA(SOUTH)
153	18.054112	80.261159	5.77	II	BURDIPENTA EAST	193	18.068852	80.270144	11.43	IV	KODISHELLA (EAST)	233	18.044667	80.214497	10.14	II	KODISHELLA(SOUTH)
154	18.051968	80.260517	8.47	II	BURDIPENTA EAST	194	18.086256	80.256164	11.19	IV	KODISHELLA (EAST)	234	18.042857	80.190659	9.17	II	KODISHELLA(SOUTH)
155	18.061723	80.253518	30.78	III	BURDIPENTA EAST	195	18.058679	80.216161	17.56	II	KODISHELLA (N)	235	18.048595	80.188505	11.20	II	KODISHELLA(SOUTH)
156	18.047921	80.261344	6.42	IV	BURDIPENTA EAST	196	18.051483	80.213521	12.55	II	KODISHELLA (N)	236	18.041811	80.177173	9.31	II	KODISHELLA(SOUTH)
157	18.056811	80.263388	9.88	IV	BURDIPENTA EAST	197	18.061741	80.223615	20.51	II	KODISHELLA (N)	237	18.056813	80.155339	23.52	II	KODISHELLA(SOUTH)
158	18.065730	80.250245	15.11	IV	BURDIPENTA EAST	198	18.047766	80.202818	15.02	II	KODISHELLA (N)	238	18.058120	80.156632	9.79	II	KODISHELLA(SOUTH)
159	18.048660	80.265479	5.76	IV	BURDIPENTA EAST	199	18.047822	80.204578	14.09	II	KODISHELLA (N)	239	18.063397	80.165731	8.83	II	KODISHELLA(SOUTH)
160	18.052619	80.232203	11.85	II	BURDIPENTA (N)	200	18.084058	80.227477	6.17	II	KODISHELLA (N)	240	18.035056	80.188375	11.44	II	KODISHELLA(SOUTH)

List of Proposed PTs – Lingala Range

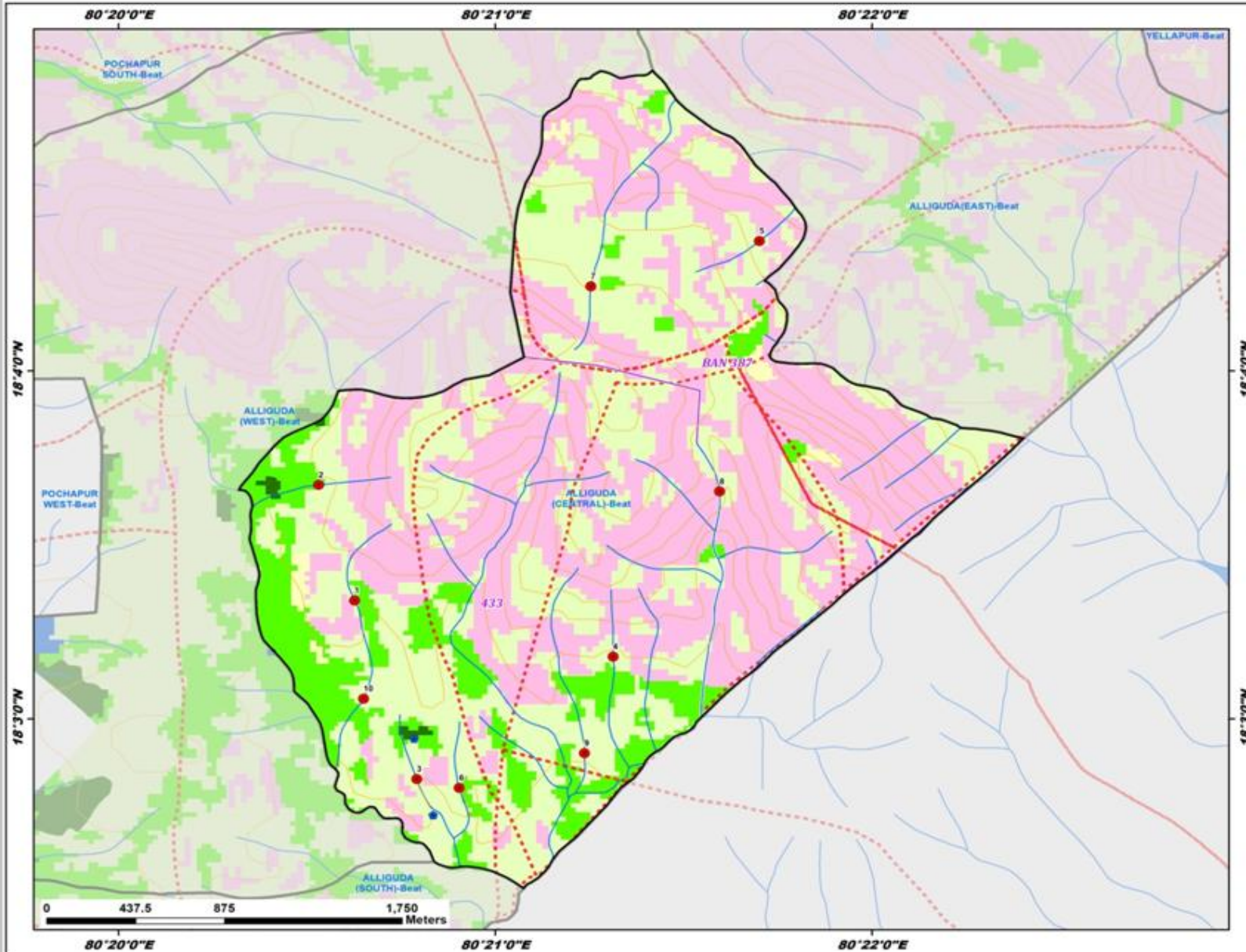
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
241	18.059067	80.148804	9.84	II	KODISHELLA (S)
242	18.034492	80.210655	7.38	II	KODISHELLA (S)
243	18.040505	80.207135	6.98	II	KODISHELLA (S)
244	18.057569	80.142719	8.13	II	KODISHELLA (S)
245	18.031471	80.214145	37.34	III	KODISHELLA (S)
246	18.032869	80.202450	26.81	III	KODISHELLA (S)
247	18.060591	80.169793	7.27	IV	KODISHELLA (S)
248	18.049685	80.157975	8.34	IV	KODISHELLA (S)
249	18.038586	80.190325	13.49	IV	KODISHELLA (S)
250	18.061815	80.145264	11.94	IV	KODISHELLA (S)
251	18.046721	80.163831	9.60	IV	KODISHELLA (S)
252	18.050164	80.161823	7.70	IV	KODISHELLA (S)
253	18.031608	80.184056	5.68	IV	KODISHELLA (S)
254	18.044970	80.196464	36.01	V	KODISHELLA (S)
255	18.033804	80.261788	7.18	II	BOLLEPALLY (S)
256	18.025637	80.258962	13.13	II	BOLLEPALLY (S)
257	18.067342	80.270687	21.88	II	BOLLEPALLY (S)
258	18.029655	80.259856	27.58	III	BOLLEPALLY (S)
259	18.063612	80.278214	10.37	IV	BOLLEPALLY (S)
260	18.051037	80.280661	5.76	IV	BOLLEPALLY (S)
261	18.064361	80.277753	20.30	IV	BOLLEPALLY (S)
262	18.030681	80.262797	5.01	IV	BOLLEPALLY (S)
263	18.051326	80.279384	8.83	IV	BOLLEPALLY (S)
264	18.058618	80.281503	12.42	IV	BOLLEPALLY (S)
265	18.030685	80.266433	9.89	IV	BOLLEPALLY (S)
266	18.045947	80.279612	10.57	IV	BOLLEPALLY (S)
267	18.038162	80.262806	10.06	IV	BOLLEPALLY (S)
268	18.057209	80.280601	25.98	V	BOLLEPALLY (S)
269	18.022984	80.300611	7.09	I	LINGALA (EAST)
270	18.010933	80.280374	17.08	I	LINGALA (EAST)
271	18.020300	80.306062	14.73	I	LINGALA (EAST)
272	18.034086	80.284851	20.70	II	LINGALA (EAST)
273	18.018366	80.322741	17.94	II	LINGALA (EAST)
274	18.016981	80.301491	8.21	II	LINGALA (EAST)
275	18.023204	80.261051	13.12	II	LINGALA (EAST)
276	18.021986	80.314549	10.17	II	LINGALA (EAST)
277	18.036131	80.275068	9.19	II	LINGALA (EAST)
278	18.024975	80.280261	15.19	II	LINGALA (EAST)
279	18.024779	80.270892	18.26	II	LINGALA (EAST)
280	18.021848	80.307043	8.10	II	LINGALA (EAST)

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
281	18.020360	80.284024	26.11	III	LINGALA (EAST)
282	18.036684	80.301707	18.39	IV	LINGALA (EAST)
283	18.014839	80.310470	16.00	IV	LINGALA (EAST)
284	18.024710	80.300911	7.60	IV	LINGALA (EAST)
285	18.026282	80.305783	8.48	IV	LINGALA (EAST)
286	18.027905	80.313724	10.64	IV	LINGALA (EAST)
287	18.023852	80.295087	10.87	IV	LINGALA (EAST)
288	18.028074	80.268696	10.79	IV	LINGALA (EAST)
289	18.029458	80.295330	9.14	IV	LINGALA (EAST)
290	18.015710	80.313177	14.71	IV	LINGALA (EAST)
291	18.031253	80.295665	5.35	IV	LINGALA (EAST)
292	18.024868	80.309113	11.11	IV	LINGALA (EAST)
293	18.020182	80.303407	5.83	IV	LINGALA (EAST)
294	18.024292	80.283826	19.28	IV	LINGALA (EAST)
295	18.038966	80.297038	4.88	IV	LINGALA (EAST)
296	18.019079	80.316314	17.86	IV	LINGALA (EAST)
297	18.033547	80.289608	10.95	IV	LINGALA (EAST)
298	18.029383	80.288093	9.35	IV	LINGALA (EAST)
299	18.028927	80.302021	33.04	V	LINGALA (EAST)
300	18.047113	80.295946	11.51	II	LINGALA (NORTH)
301	18.038500	80.290853	11.53	IV	LINGALA (NORTH)
302	18.068659	80.278672	22.45	IV	LINGALA (NORTH)
303	18.058598	80.291357	10.77	IV	LINGALA (NORTH)
304	18.039787	80.292501	6.45	IV	LINGALA (NORTH)
305	18.045913	80.291562	15.32	IV	LINGALA (NORTH)
306	18.039865	80.275035	22.57	IV	LINGALA (NORTH)
307	18.061753	80.288194	36.57	V	LINGALA (NORTH)
308	18.039914	80.289021	31.19	V	LINGALA (NORTH)
309	18.005473	80.311713	6.04	II	LINGALA (SOUTH)
310	18.009682	80.321449	12.94	II	LINGALA (SOUTH)
311	18.007812	80.316100	6.65	II	LINGALA (SOUTH)
312	18.008114	80.311052	5.33	II	LINGALA (SOUTH)
313	18.003663	80.312895	6.54	II	LINGALA (SOUTH)
314	18.015684	80.322957	8.95	II	LINGALA (SOUTH)
315	18.009205	80.323260	6.09	II	LINGALA (SOUTH)
316	18.005459	80.320817	10.60	II	LINGALA (SOUTH)
317	18.007837	80.309614	23.60	II	LINGALA (SOUTH)
318	18.012054	80.312986	7.14	IV	LINGALA (SOUTH)
319	18.011432	80.314449	6.59	IV	LINGALA (SOUTH)

Map Showing Suitability index for Construction of SMC Works of Alliguda (Central) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
1	18.055669	80.343769	14.67	II
2	18.061201	80.342180	9.58	II
3	18.047105	80.346516	9.60	IV
4	18.052974	80.355213	10.88	IV
5	18.072897	80.361675	17.19	IV
6	18.046689	80.348397	10.82	IV
7	18.070719	80.354215	12.16	IV
8	18.060891	80.359916	25.99	V
9	18.048353	80.353944	27.83	V
10	18.050958	80.344166	34.80	V

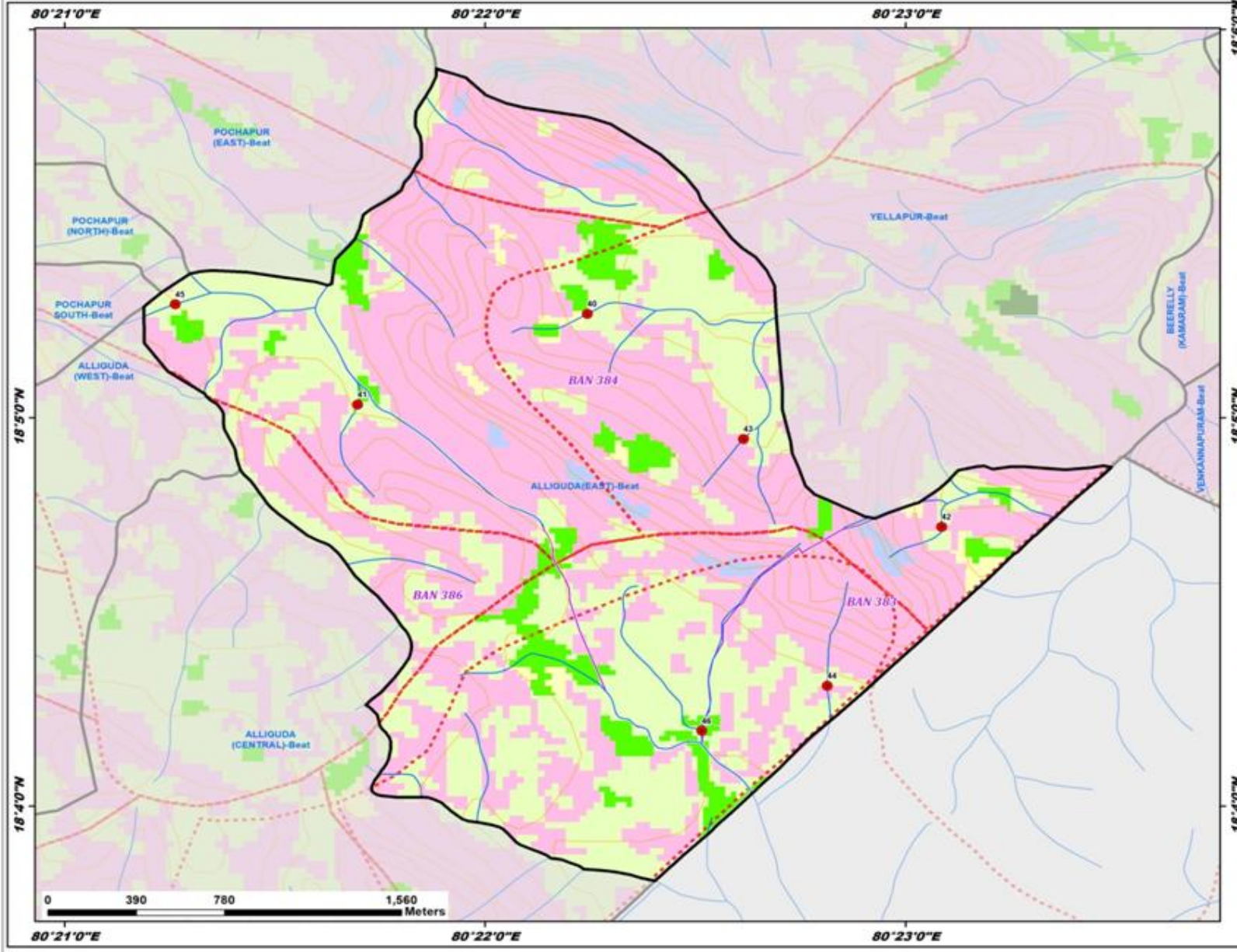
Legend

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
40	18.087797	80.370718	12.08	II
41	18.083896	80.361606	15.74	IV
42	18.078648	80.384764	14.44	IV
43	18.082421	80.376902	6.61	IV
44	18.071818	80.380221	11.93	IV
45	18.088202	80.354374	7.97	IV
46	18.069886	80.375255	47.38	V

Legend

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

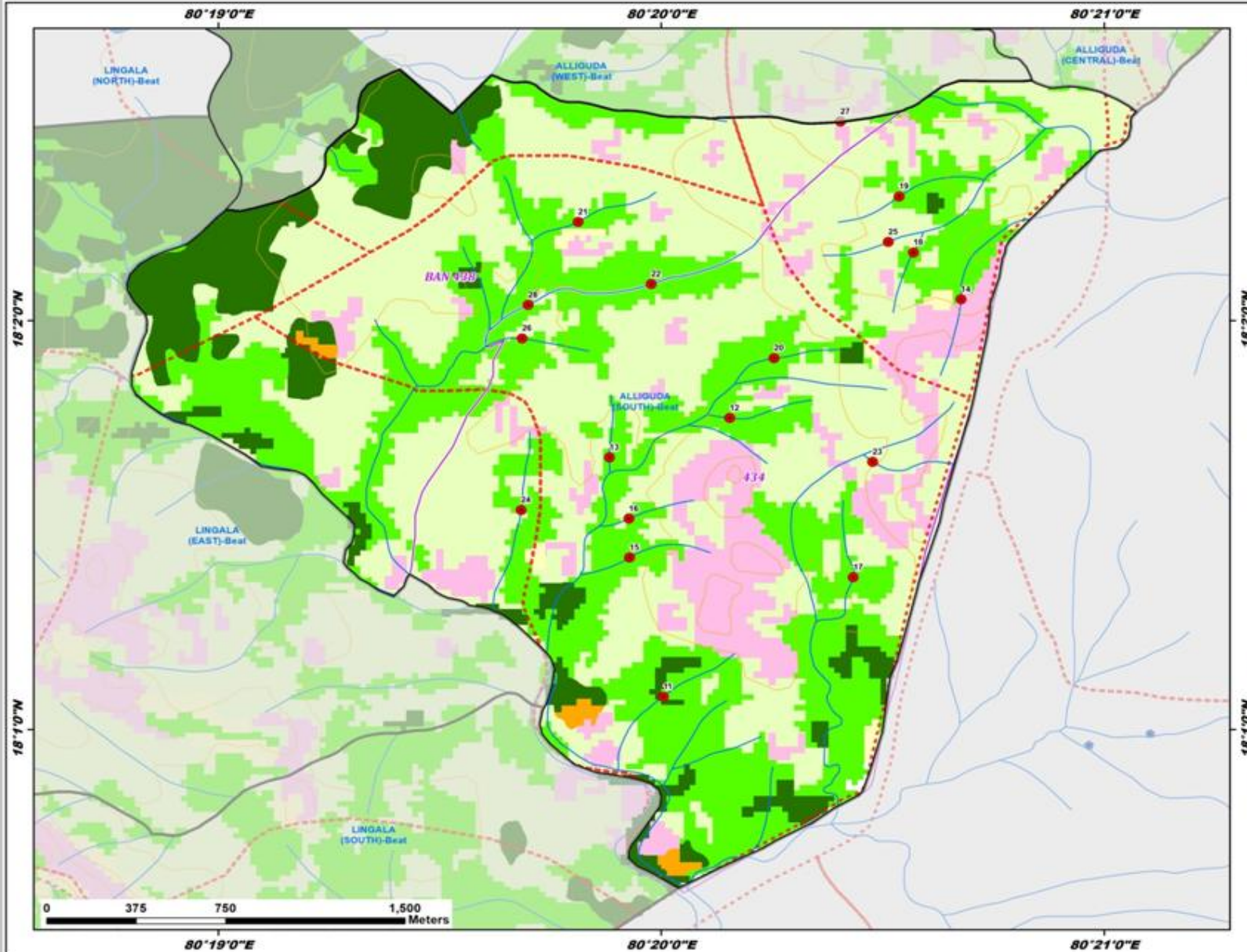
Suitability Index

- 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 Alliguda (South) Beat



Division : Tadvai
Range : Lingala



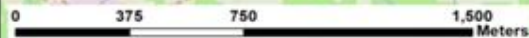
ID	Latitude	Longitude	Catchment Area_Ha	Priority
11	18.018006	80.333405	15.30	I
12	18.029364	80.335904	7.97	II
13	18.027760	80.331373	11.48	II
14	18.034201	80.344602	7.24	II
15	18.023674	80.332133	11.73	II
16	18.025263	80.332106	5.35	II
17	18.022870	80.340554	24.68	II
18	18.036117	80.342815	9.76	II
19	18.038397	80.342275	7.26	II
20	18.031807	80.337568	8.64	II
21	18.037361	80.330205	14.93	II
22	18.034825	80.332947	25.82	III
23	18.027575	80.341286	7.63	IV
24	18.025615	80.328052	19.25	IV
25	18.036541	80.341872	12.21	IV
26	18.032611	80.328084	13.65	IV
27	18.041451	80.340069	23.08	IV
28	18.033976	80.328315	41.81	III

Legend

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

Suitability Index

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



80°19'0"E 80°20'0"E 80°21'0"E

18°20'N

18°20'N

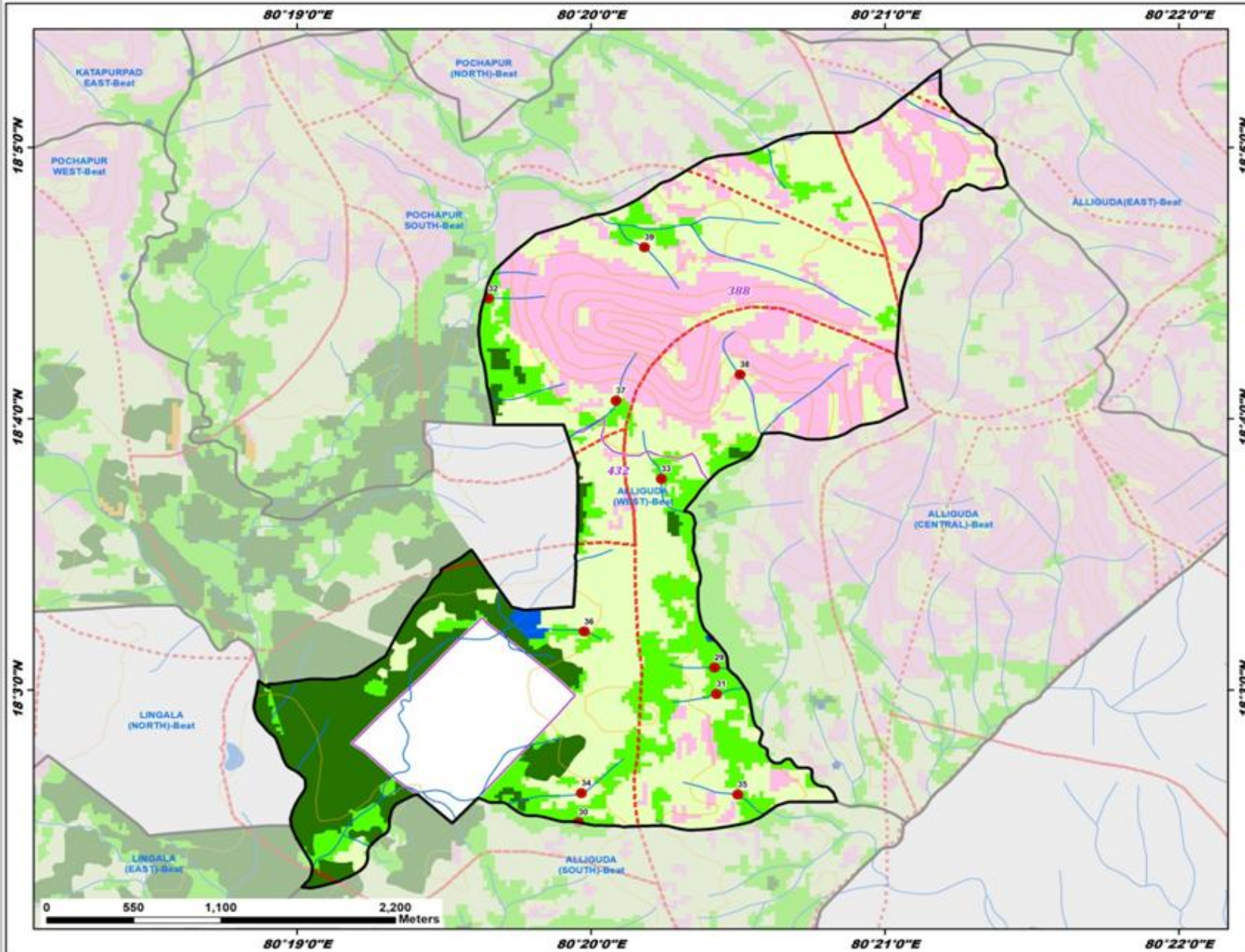
18°10'N

18°10'N

Map Showing Suitability index for Construction of SMC Works of Alliguda (West) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
29	18.051366	80.340337	23.54	II
30	18.041861	80.332631	14.07	II
31	18.049736	80.340444	9.42	II
32	18.074041	80.327521	6.28	II
33	18.062964	80.337314	15.91	II
34	18.043654	80.332779	19.79	IV
35	18.043557	80.341650	12.48	IV
36	18.053578	80.332942	9.34	IV
37	18.067768	80.334758	15.63	IV
38	18.069372	80.341783	17.88	IV
39	18.077185	80.336362	25.84	V

Legend

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

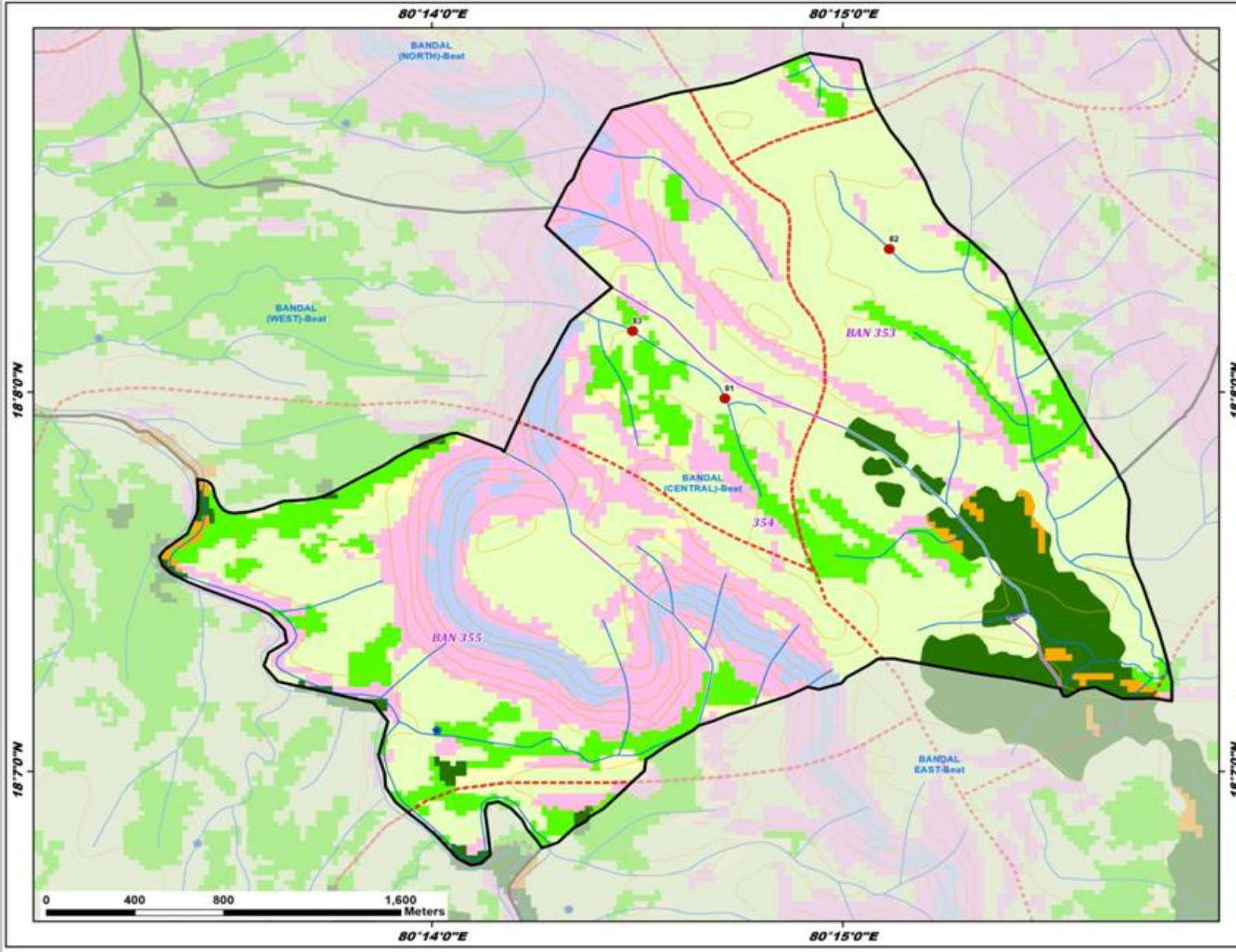
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Bandal (Central) Beat



Division : Tadvai
Range : Lingala



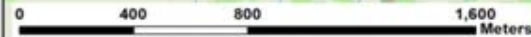
ID	Latitude	Longitude	Catchment Area_Ha	Priority
81	18.133057	80.245214	37.27	V
82	18.139623	80.251884	36.26	V
83	18.136017	80.241466	61.01	V

Legend

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

Suitability Index

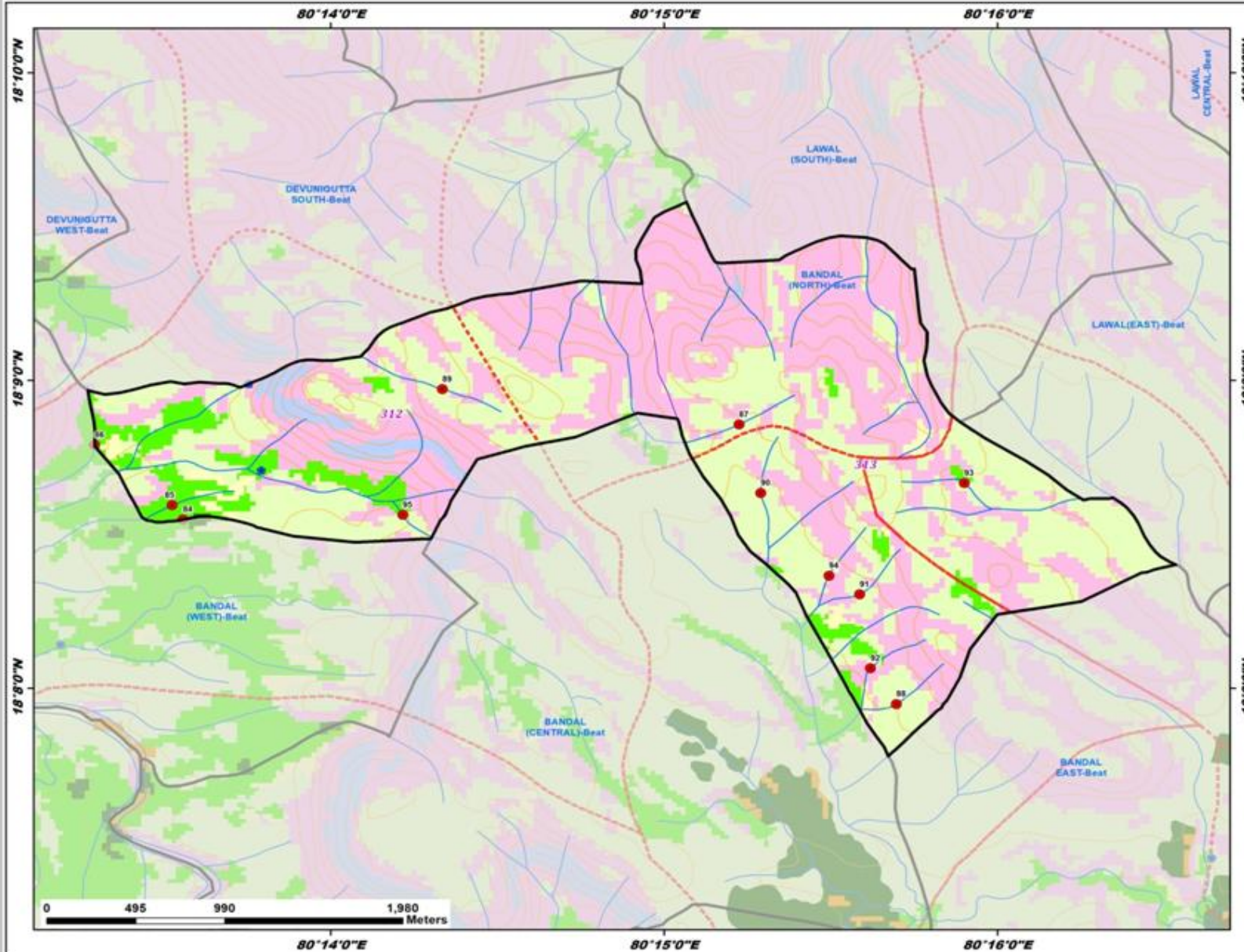
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Bandal (North) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
84	18.142472	80.225939	10.43	I
85	18.143245	80.225397	10.38	II
86	18.146516	80.221526	17.58	II
87	18.147610	80.253734	15.02	IV
88	18.132472	80.261598	7.82	IV
89	18.149523	80.238900	11.99	IV
90	18.143905	80.254826	16.88	IV
91	18.138413	80.259768	11.69	IV
92	18.134411	80.260303	9.47	IV
93	18.144486	80.264986	10.73	IV
94	18.139424	80.258227	6.64	IV
95	18.142716	80.236931	42.22	V

Legend

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

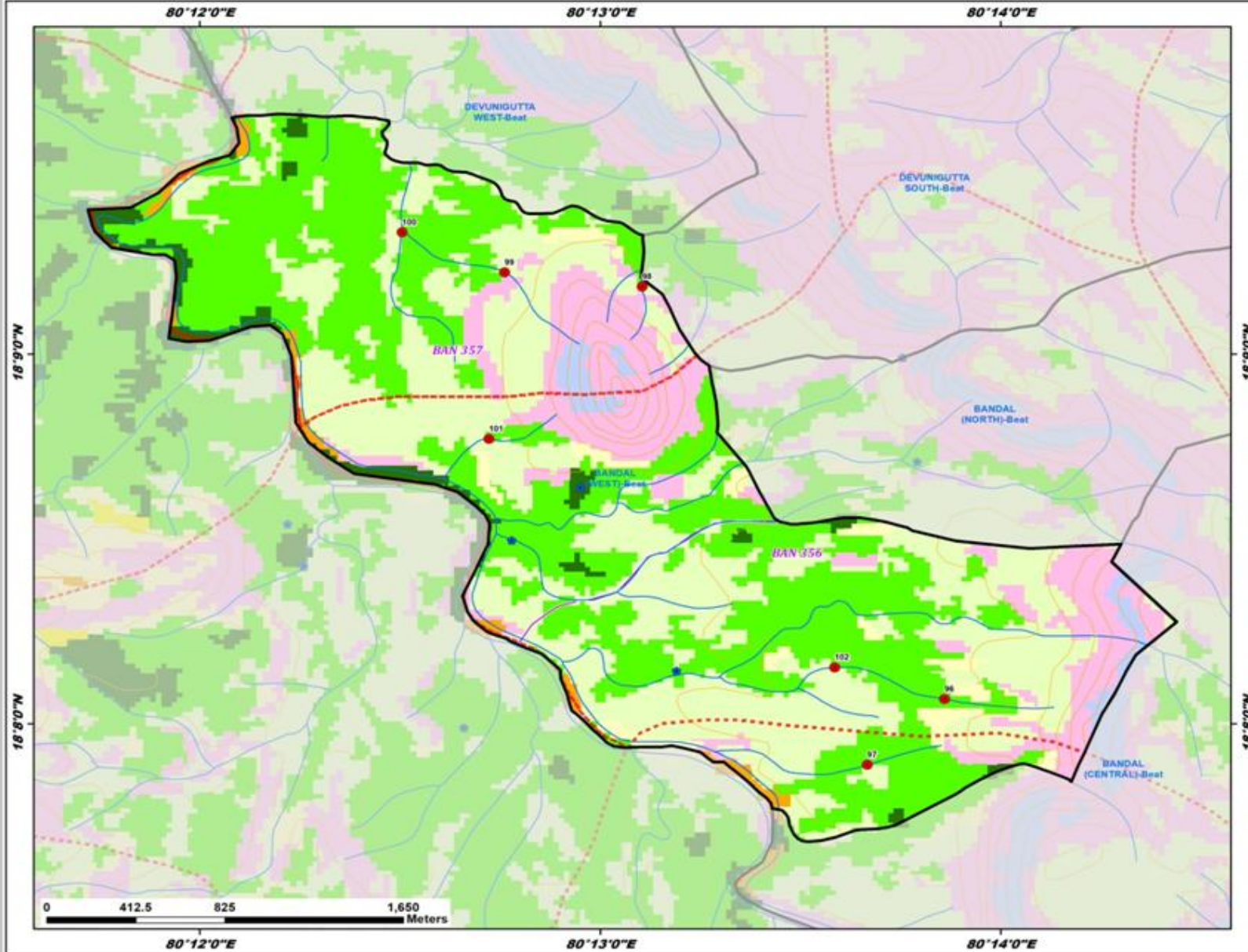
Suitability Index

- 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 Bandal (West) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
96	18.134445	80.230983	15.65	II
97	18.131479	80.227778	10.16	II
98	18.153039	80.218401	8.37	II
99	18.153683	80.212679	10.25	IV
100	18.155485	80.208423	63.90	IV
101	18.146170	80.212027	18.02	IV
102	18.135871	80.226420	39.46	V

Legend

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

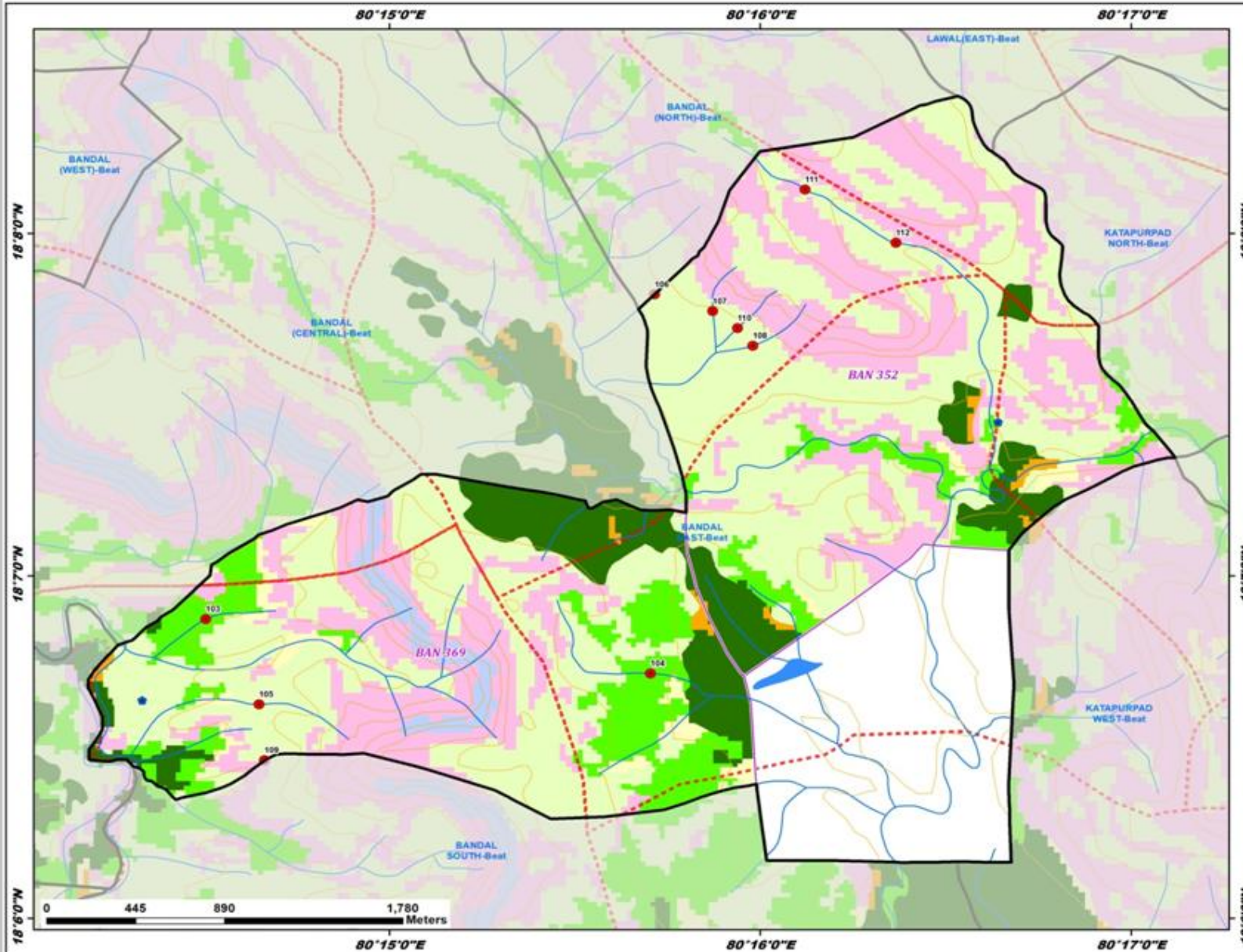
Suitability Index

- 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 Bandal East Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
103	18.114564	80.241747	23.51	II
104	18.111909	80.261726	29.62	III
105	18.110409	80.244138	10.84	IV
106	18.130373	80.261913	11.06	IV
107	18.129557	80.264525	5.35	IV
108	18.127867	80.266330	6.44	IV
109	18.107684	80.244383	10.20	IV
110	18.128733	80.265638	7.36	IV
111	18.135480	80.268682	25.30	V
112	18.132890	80.272755	66.47	V

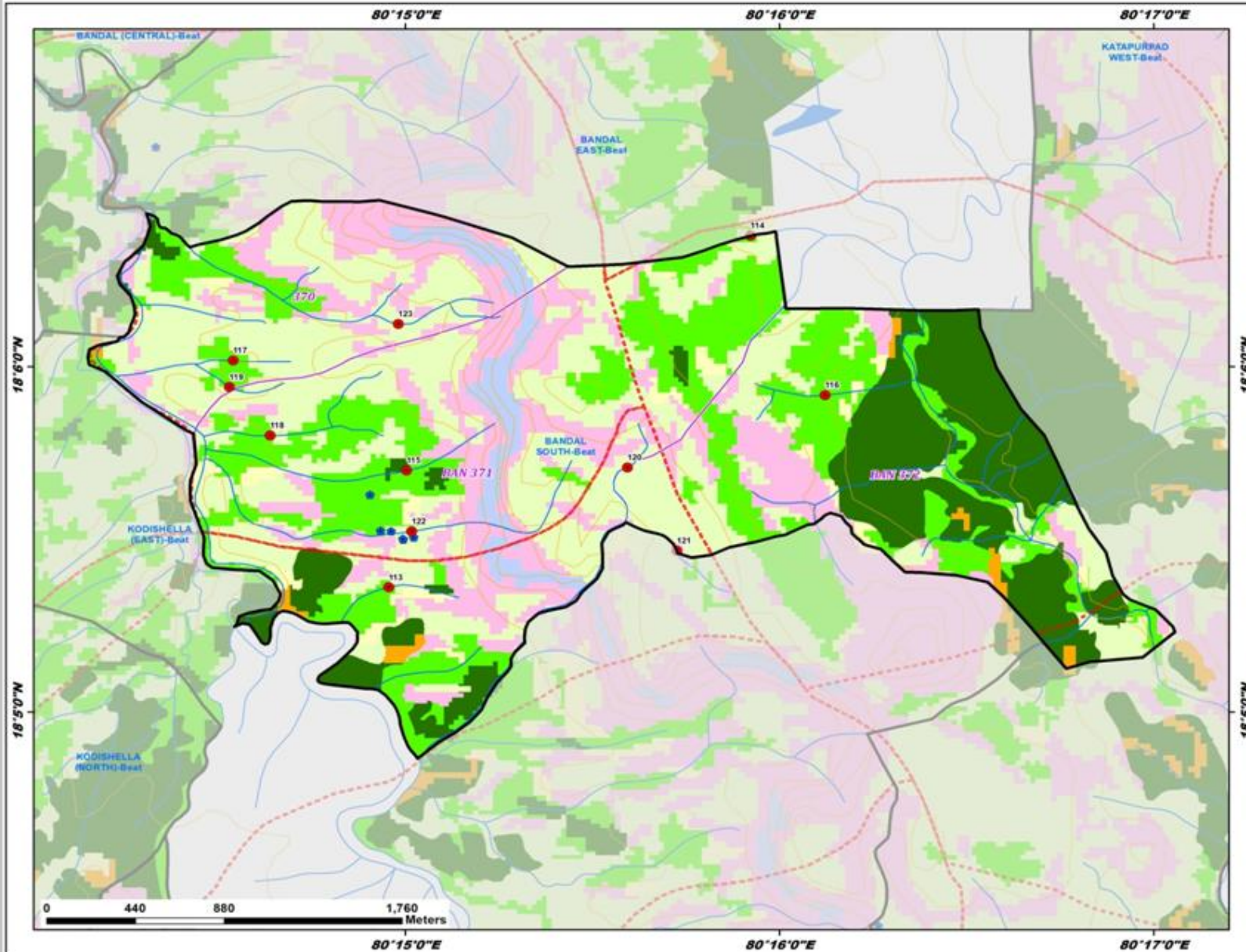
Legend

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
113	18.089346	80.249247	24.51	II
114	18.106319	80.265372	20.36	II
115	18.094988	80.250053	27.82	II
116	18.098627	80.268683	24.16	II
117	18.100301	80.242320	8.91	II
118	18.096675	80.243970	48.36	III
119	18.099017	80.242148	5.80	IV
120	18.095136	80.259887	14.16	IV
121	18.091109	80.262079	15.53	IV
122	18.092053	80.250278	36.48	V
123	18.102063	80.249674	63.28	V

Legend

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

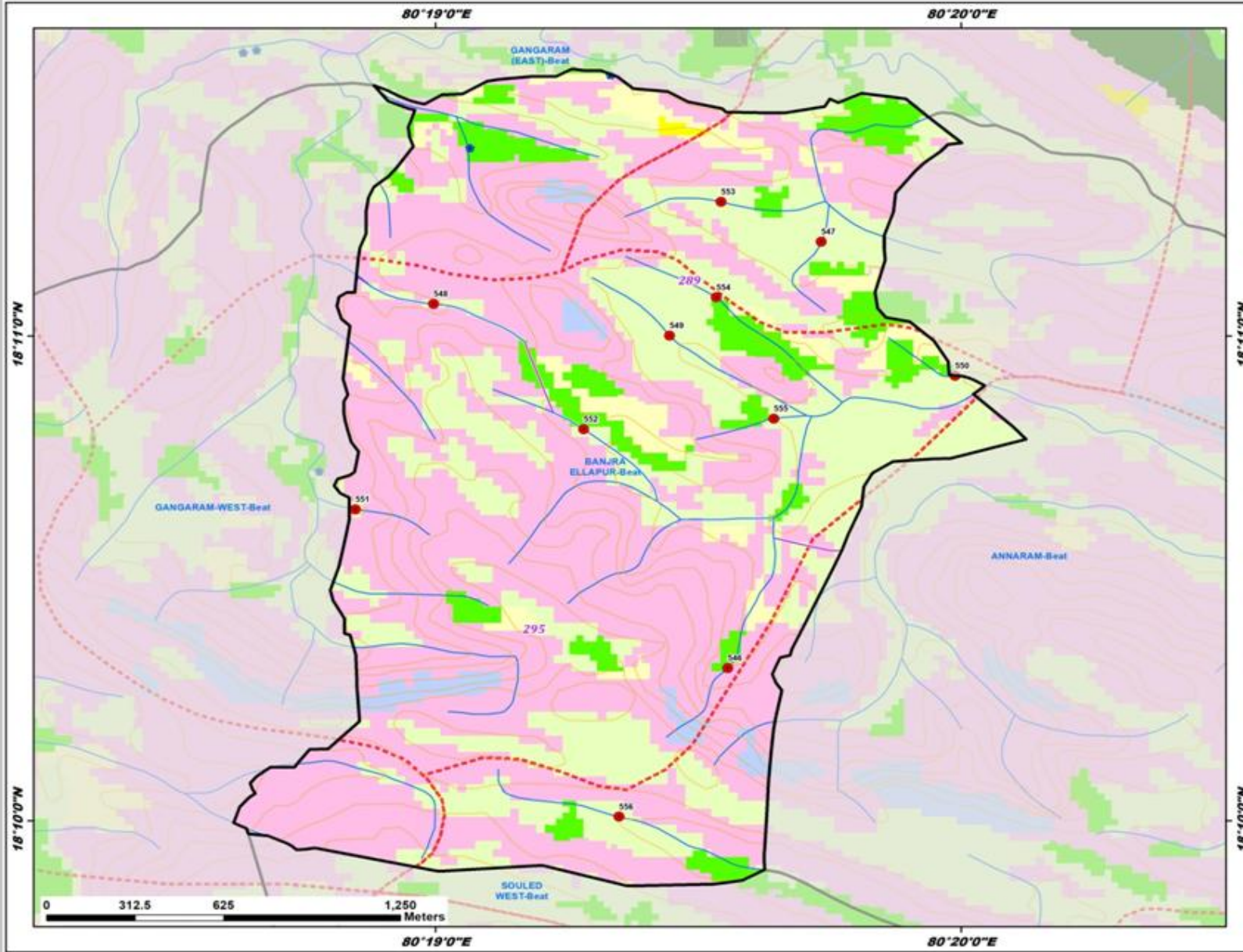
Suitability Index

- 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 Banjra Ellapur Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
546	18.171917	80.325926	18.65	II
547	18.186575	80.328900	10.65	IV
548	18.184436	80.316599	11.93	IV
549	18.183345	80.324088	13.80	IV
550	18.181962	80.333144	7.26	IV
551	18.177376	80.314122	8.25	IV
552	18.180127	80.321357	20.85	IV
553	18.187944	80.325717	12.38	IV
554	18.184661	80.325562	5.40	IV
555	18.180494	80.327388	5.35	IV
556	18.166807	80.322477	30.02	V

Legend

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

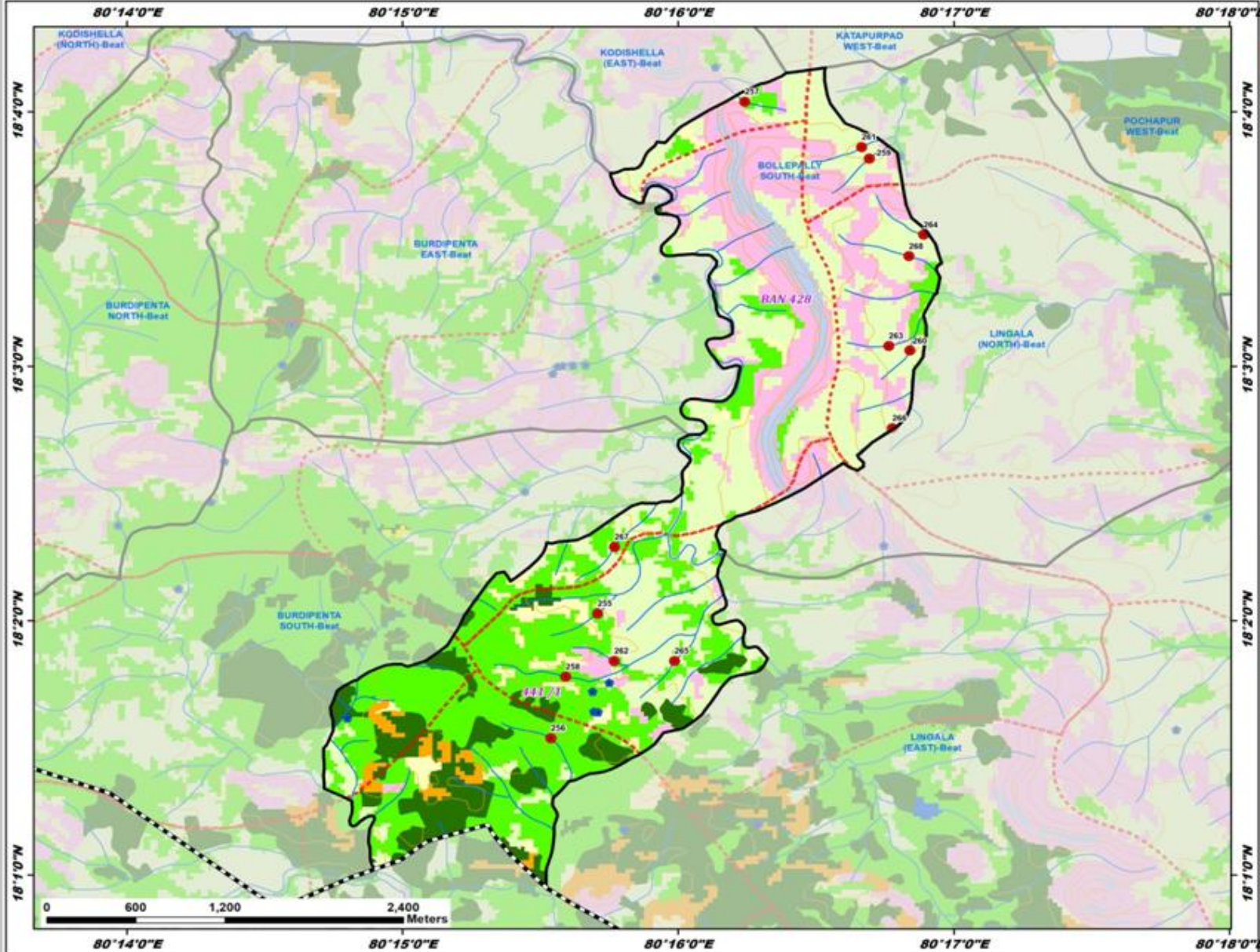
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
255	18.033804	80.261788	7.18	II
256	18.025637	80.258962	13.13	II
257	18.067342	80.270687	21.88	II
258	18.029655	80.259856	27.58	III
259	18.063612	80.278214	10.37	IV
260	18.051037	80.280661	5.76	IV
261	18.064361	80.277753	20.30	IV
262	18.030681	80.262797	5.01	IV
263	18.051326	80.279384	8.83	IV
264	18.058618	80.281503	12.42	IV
265	18.030685	80.266433	9.89	IV
266	18.045947	80.279612	10.57	IV
267	18.038162	80.262806	10.06	IV
268	18.057209	80.280601	25.98	V

Legend

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

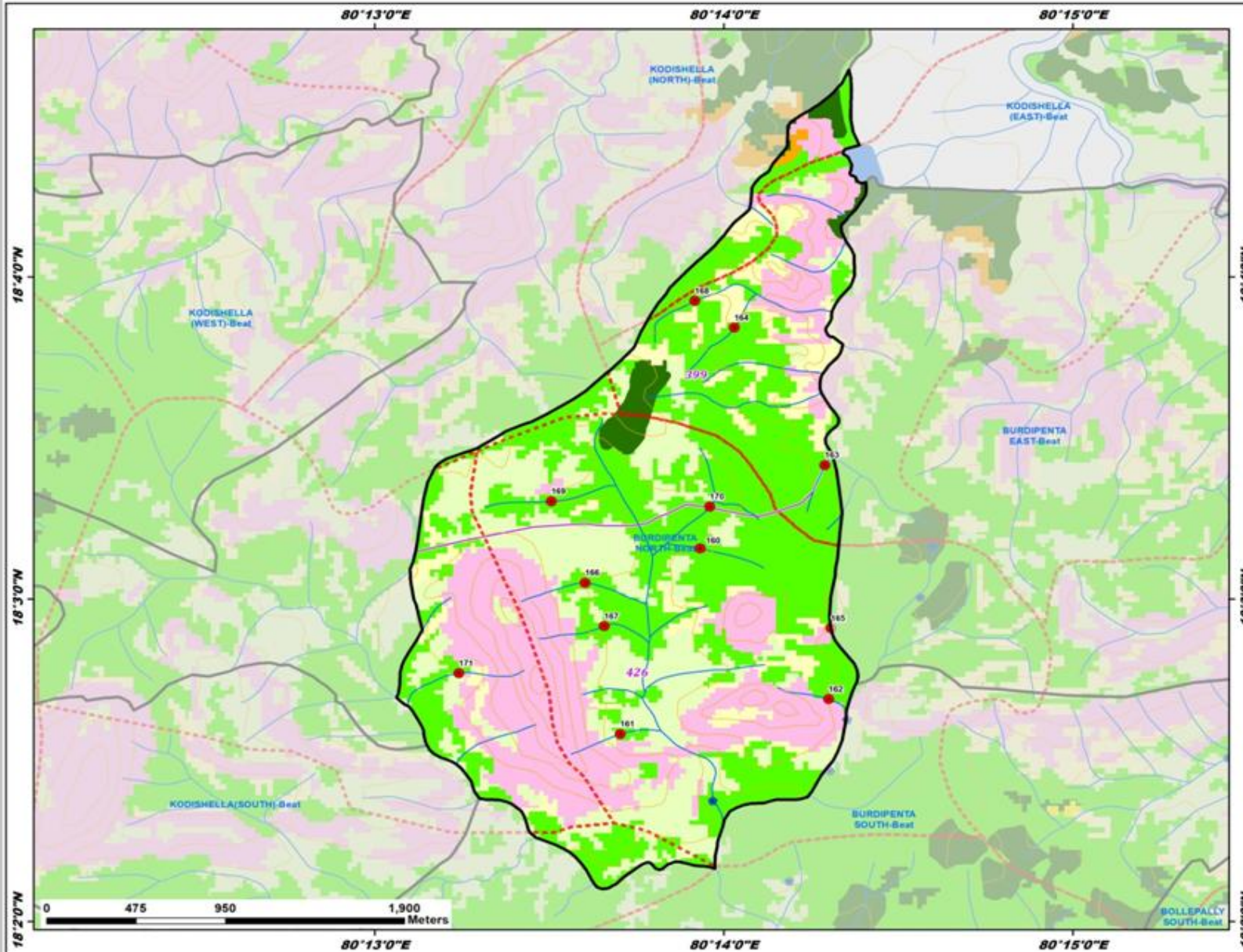
Suitability Index

- 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 Burdipenta North Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
160	18.052619	80.232203	11.85	II
161	18.043026	80.228377	5.02	II
162	18.044828	80.238338	6.17	II
163	18.056932	80.238158	6.20	II
164	18.064047	80.233829	7.40	II
165	18.048494	80.238446	18.38	II
166	18.050846	80.226710	12.76	II
167	18.048601	80.227630	10.62	II
168	18.065431	80.231949	14.05	II
169	18.055058	80.225095	23.94	II
170	18.054789	80.232658	34.60	III
171	18.046167	80.220677	12.33	IV

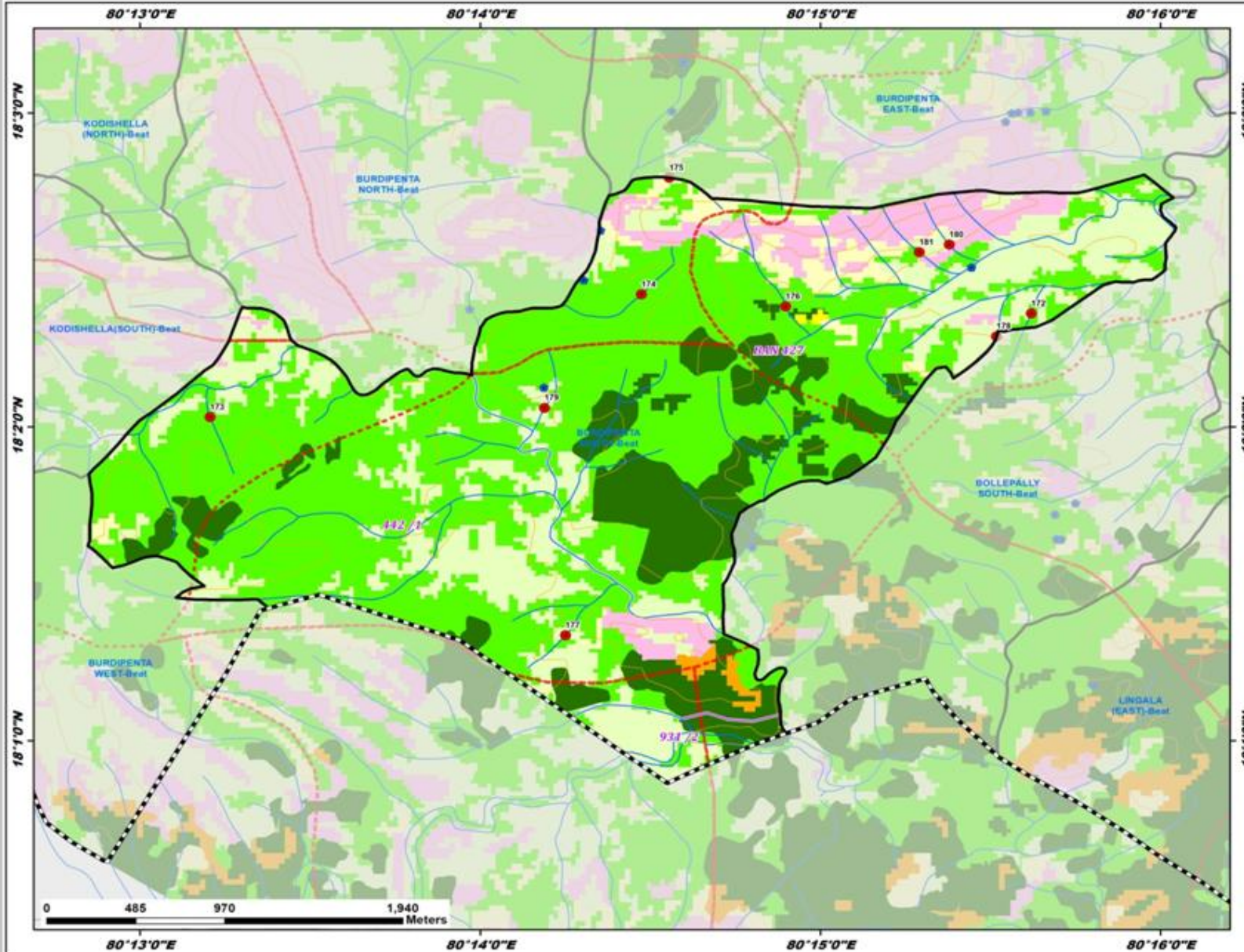
Legend

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
160	18.052619	80.232203	11.85	II
161	18.043026	80.228377	5.02	II
162	18.044828	80.238338	6.17	II
163	18.056932	80.238158	6.20	II
164	18.064047	80.233829	7.40	II
165	18.048494	80.238446	18.38	II
166	18.050846	80.226710	12.76	II
167	18.048601	80.227630	10.62	II
168	18.065431	80.231949	14.05	II
169	18.055058	80.225095	23.94	II
170	18.054789	80.232658	34.60	III
171	18.046167	80.220677	12.33	IV

Legend

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

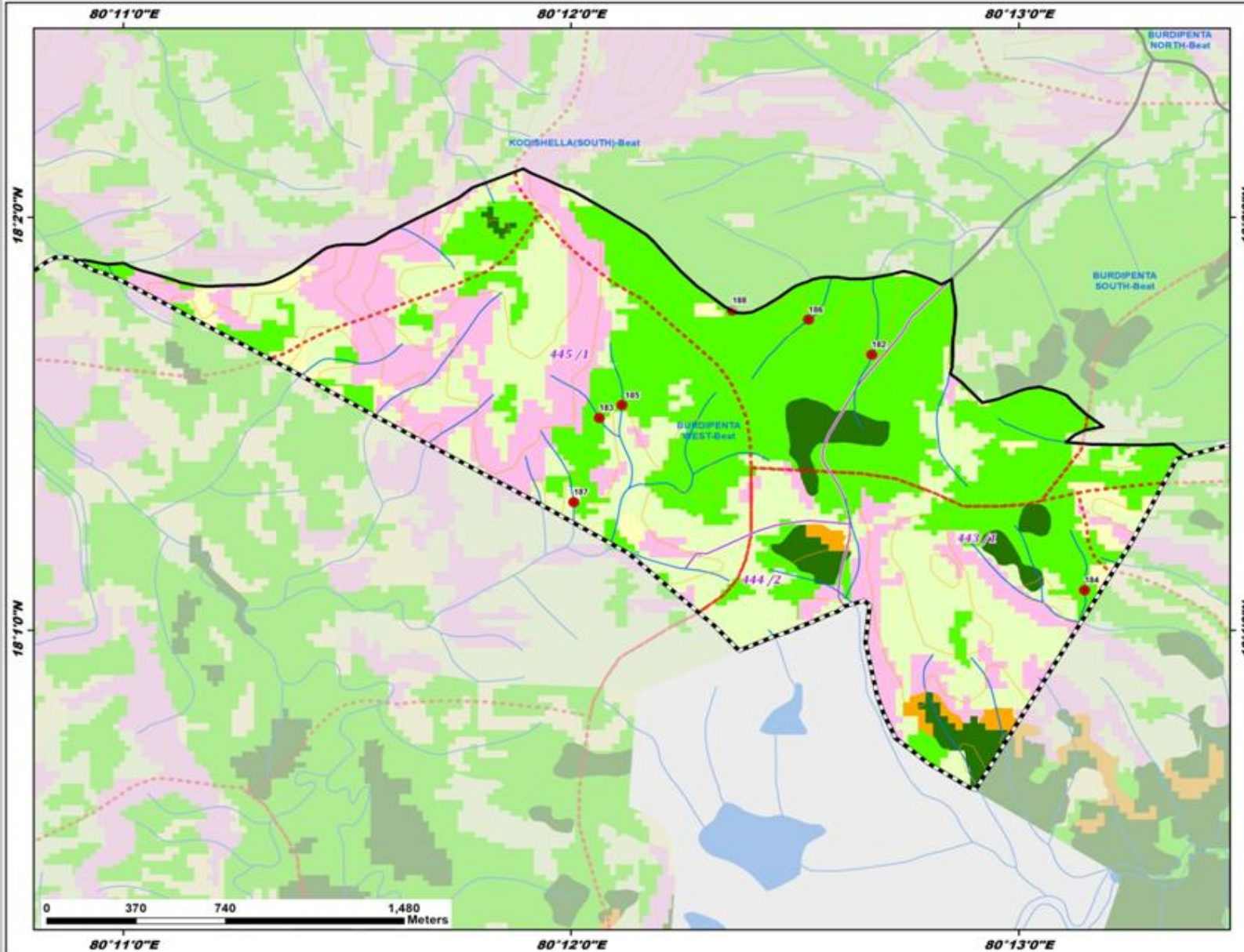
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
182	18.027790	80.211199	18.74	II
183	18.025229	80.201047	6.03	II
184	18.018283	80.219114	6.49	II
185	18.025760	80.201892	24.82	II
186	18.029195	80.208845	17.14	II
187	18.021833	80.200096	8.93	IV
188	18.029574	80.205998	46.21	III

Legend

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

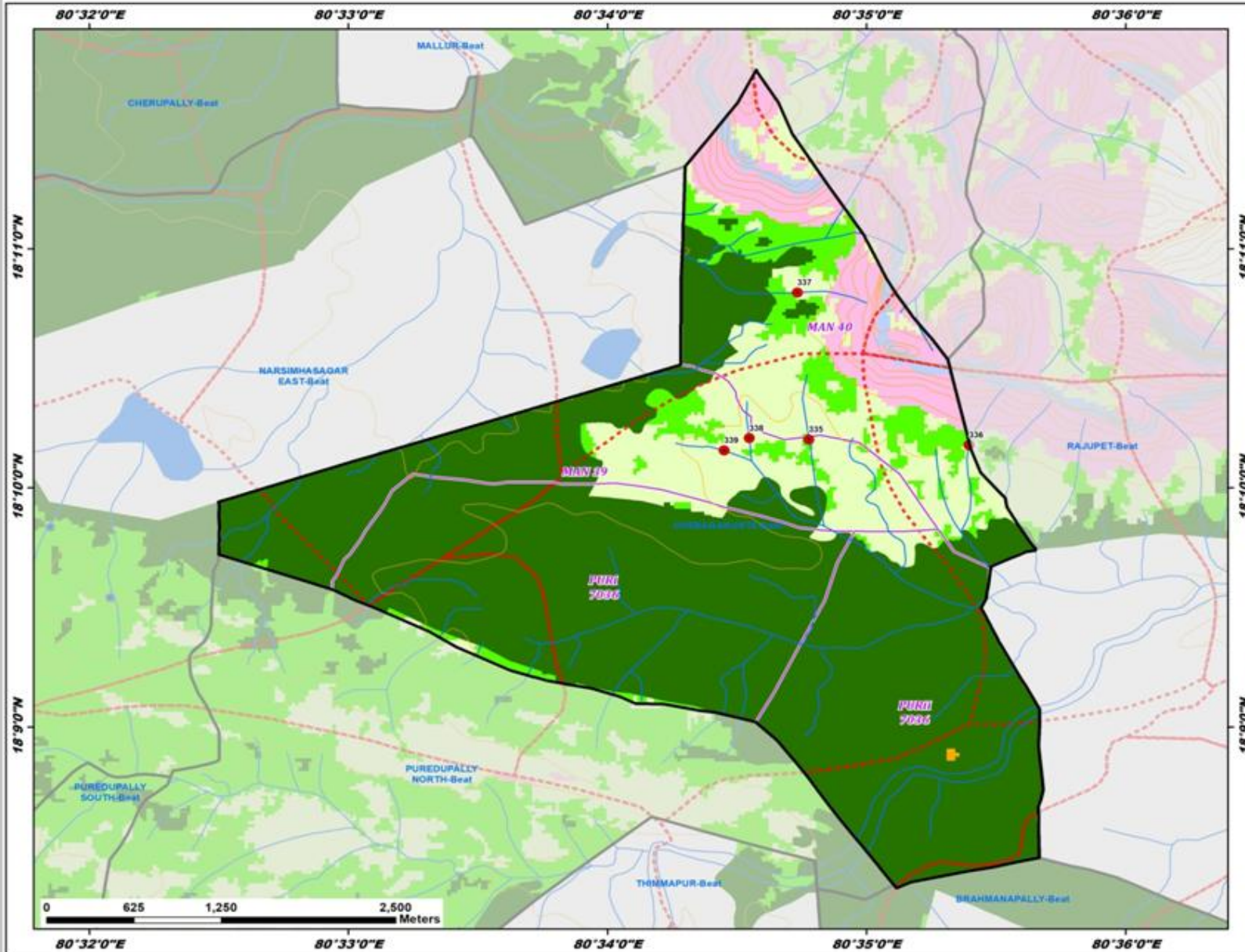
Suitability Index

- 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 Chenagakunta Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
335	18.170041	80.579619	30.85	III
336	18.169643	80.589924	13.65	IV
337	18.180286	80.578874	18.46	IV
338	18.170127	80.575786	22.57	IV
339	18.169271	80.574169	13.08	IV

Legend

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

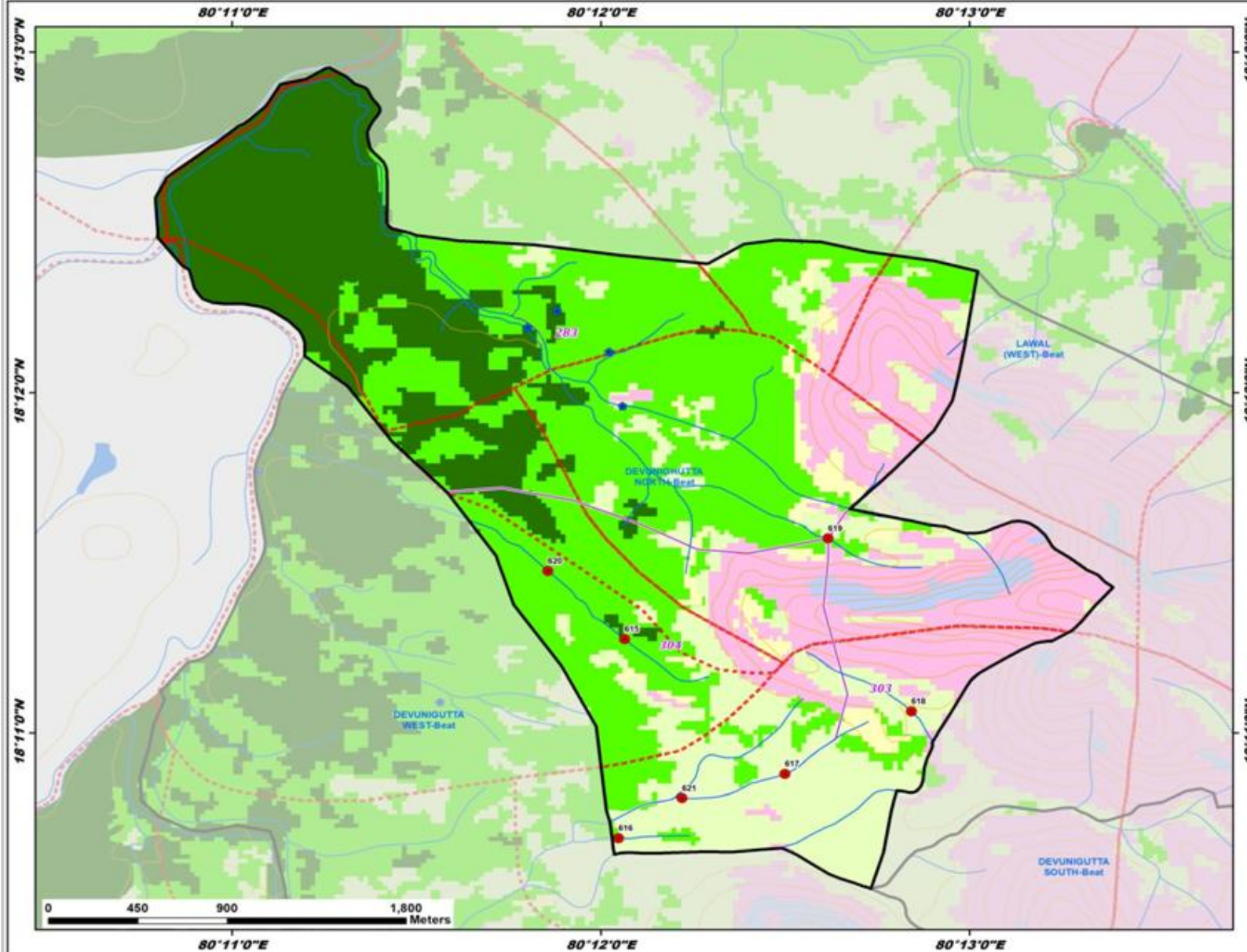
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
615	18.187934	80.201065	41.30	III
616	18.178189	80.200799	6.80	IV
617	18.181337	80.208310	20.27	IV
618	18.184395	80.214030	23.90	IV
619	18.192862	80.210267	21.62	IV
620	18.191270	80.197608	77.87	IV
621	18.180142	80.203663	29.95	V

Legend

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

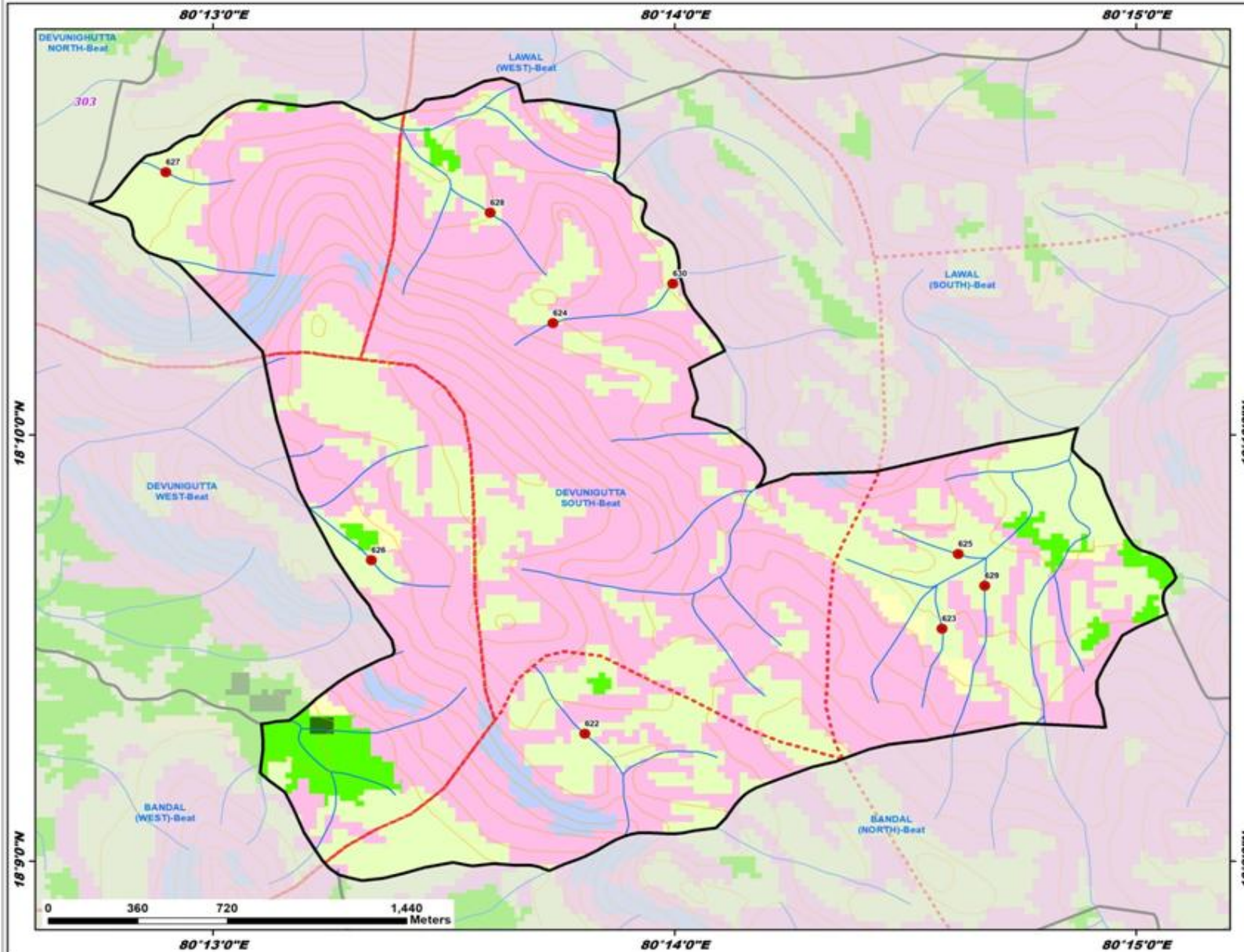
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
622	18.154980	80.230090	11.68	IV
623	18.159087	80.242986	13.32	IV
624	18.171045	80.228940	11.86	IV
625	18.162009	80.243571	10.33	IV
626	18.161766	80.222376	16.20	IV
627	18.176942	80.214960	16.08	IV
628	18.175359	80.226669	8.55	IV
629	18.160768	80.244534	26.55	V
630	18.172589	80.233264	39.81	V

Legend

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

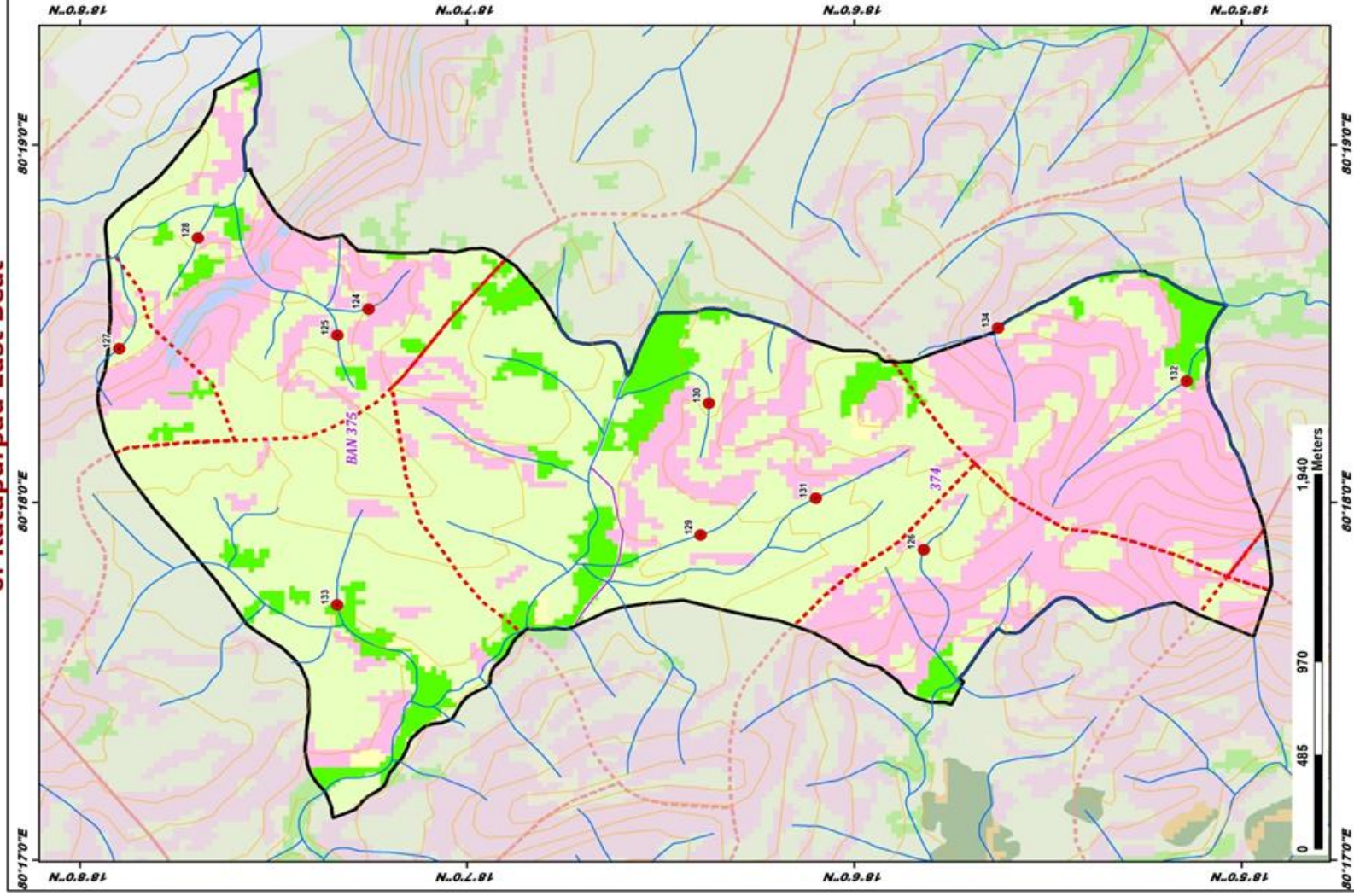
Suitability Index

- 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 Katapurpad East Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
124	18.120898	80.309015	24.71	IV
125	18.122235	80.307802	14.09	IV
126	18.097006	80.297805	13.90	IV
127	18.131618	80.307187	8.48	IV
128	18.128239	80.312335	18.08	IV
129	18.106606	80.298492	18.69	IV
130	18.106249	80.304635	7.75	IV
131	18.101657	80.300209	17.90	IV
132	18.085706	80.305675	54.95	V
133	18.122244	80.295243	30.34	V
134	18.093808	80.308150	38.46	V

LEGEND

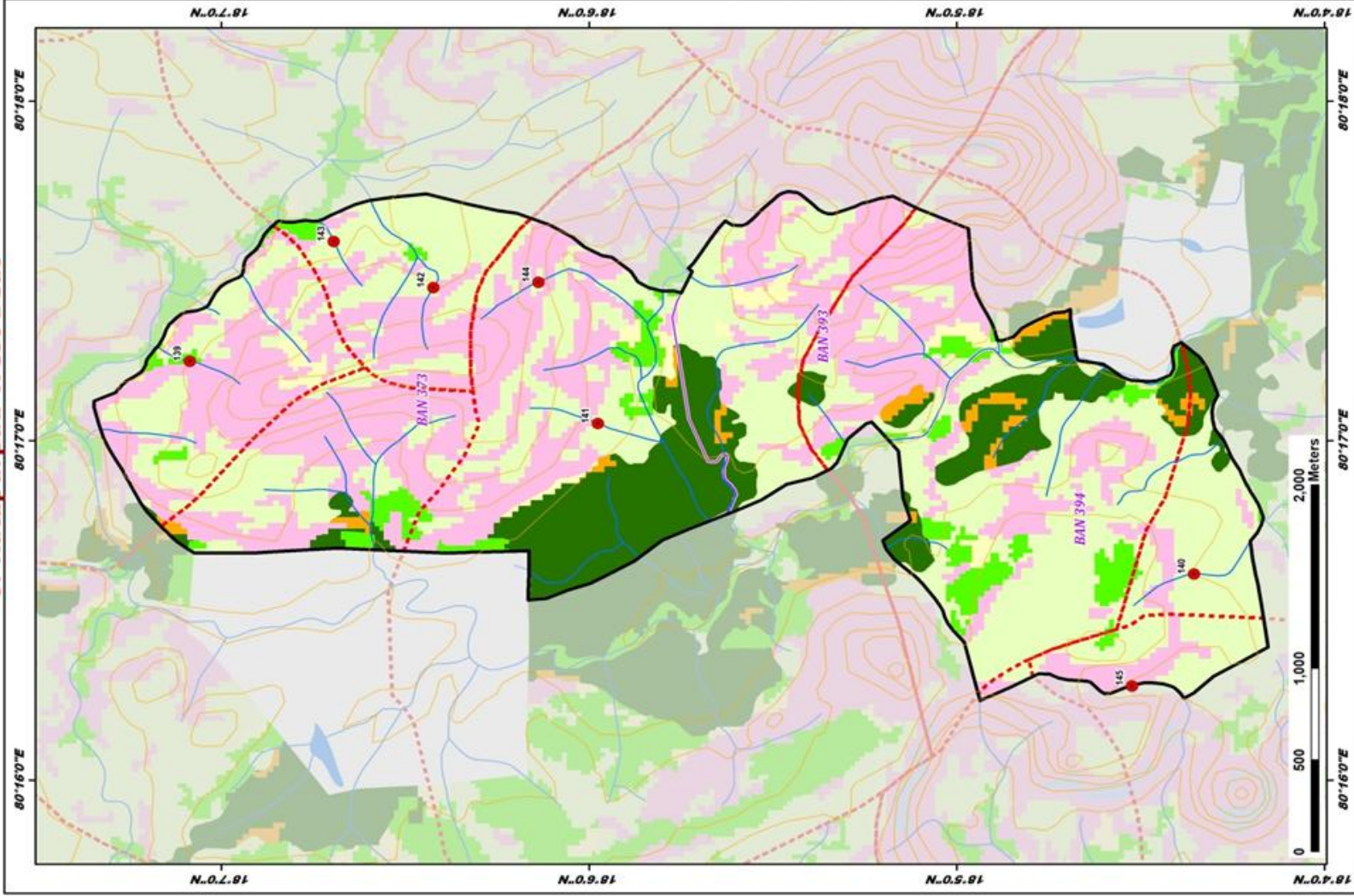
- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Brown line)
- Streams (Blue line)
- Beat Boundary (Black outline)
- Watershed Boundary (Red dashed line)
- Compartment Boundary (Pink outline)
- Division Boundary (Black dashed line)
- Suitability Index
 - CCTs/SCTs - Highly Suitable (Dark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



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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
139	18.118085	80.287247	5.67	II
140	18.072579	80.276812	12.84	IV
141	18.099592	80.284192	12.03	IV
142	18.107049	80.290660	7.56	IV
143	18.111565	80.293139	11.01	IV
144	18.102283	80.291133	8.80	IV
145	18.075391	80.271315	18.13	IV

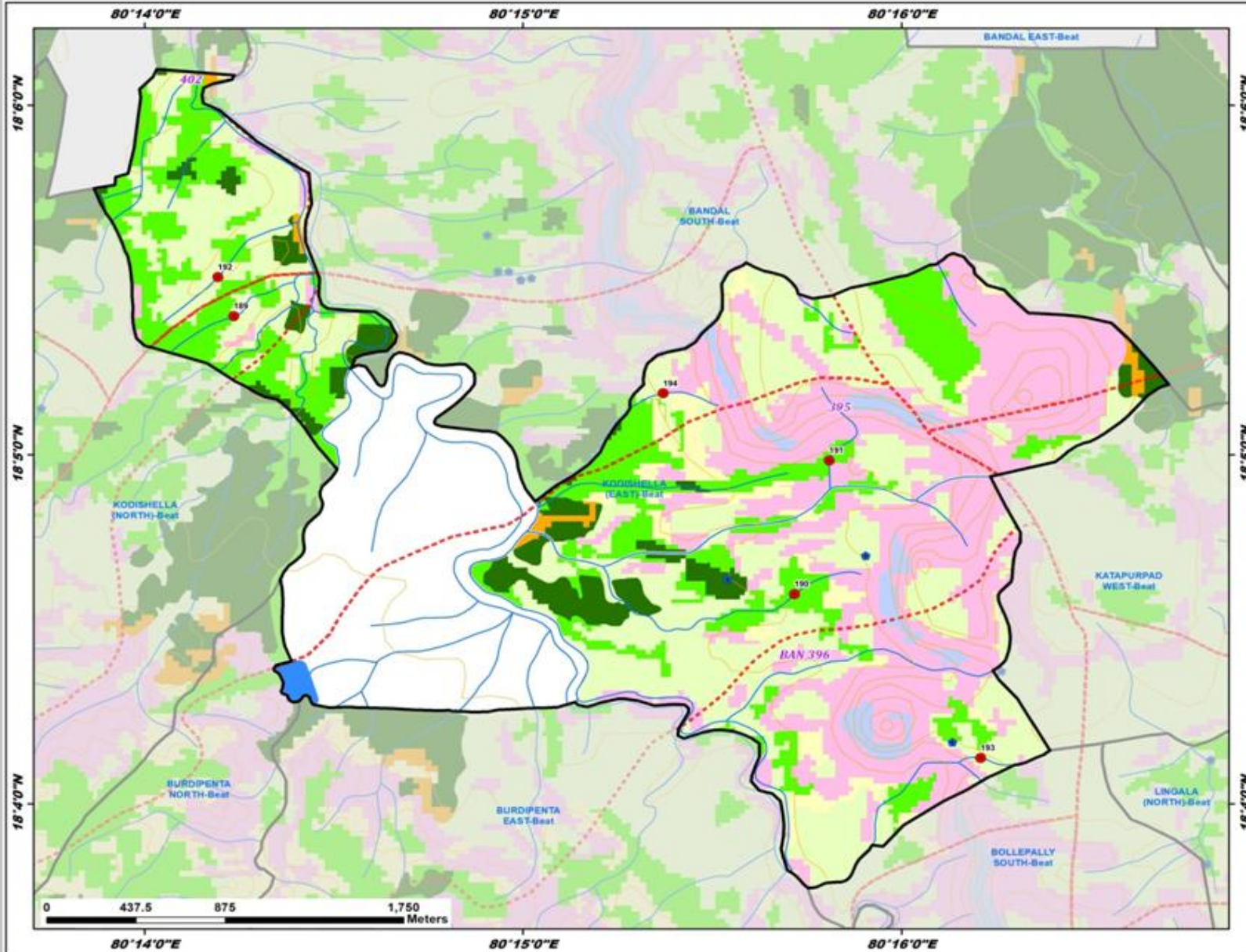
LEGEND

- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Brown line)
- Streams (Blue line)
- Watershed Boundary (Dashed red line)
- Compartment Boundary (Black outline)
- Beat Boundary (Red dashed line)
- Division Boundary (Black outline)
- 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 SGP - Suitable (Light Blue)
 - Not Suitable (White)
 - Water Body (Dark Blue)

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
189	18.089938	80.237259	7.64	II
190	18.076670	80.261953	13.71	II
191	18.083053	80.263480	29.24	III
192	18.091802	80.236552	16.49	IV
193	18.068852	80.270144	11.43	IV
194	18.086256	80.256164	11.19	IV

Legend

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

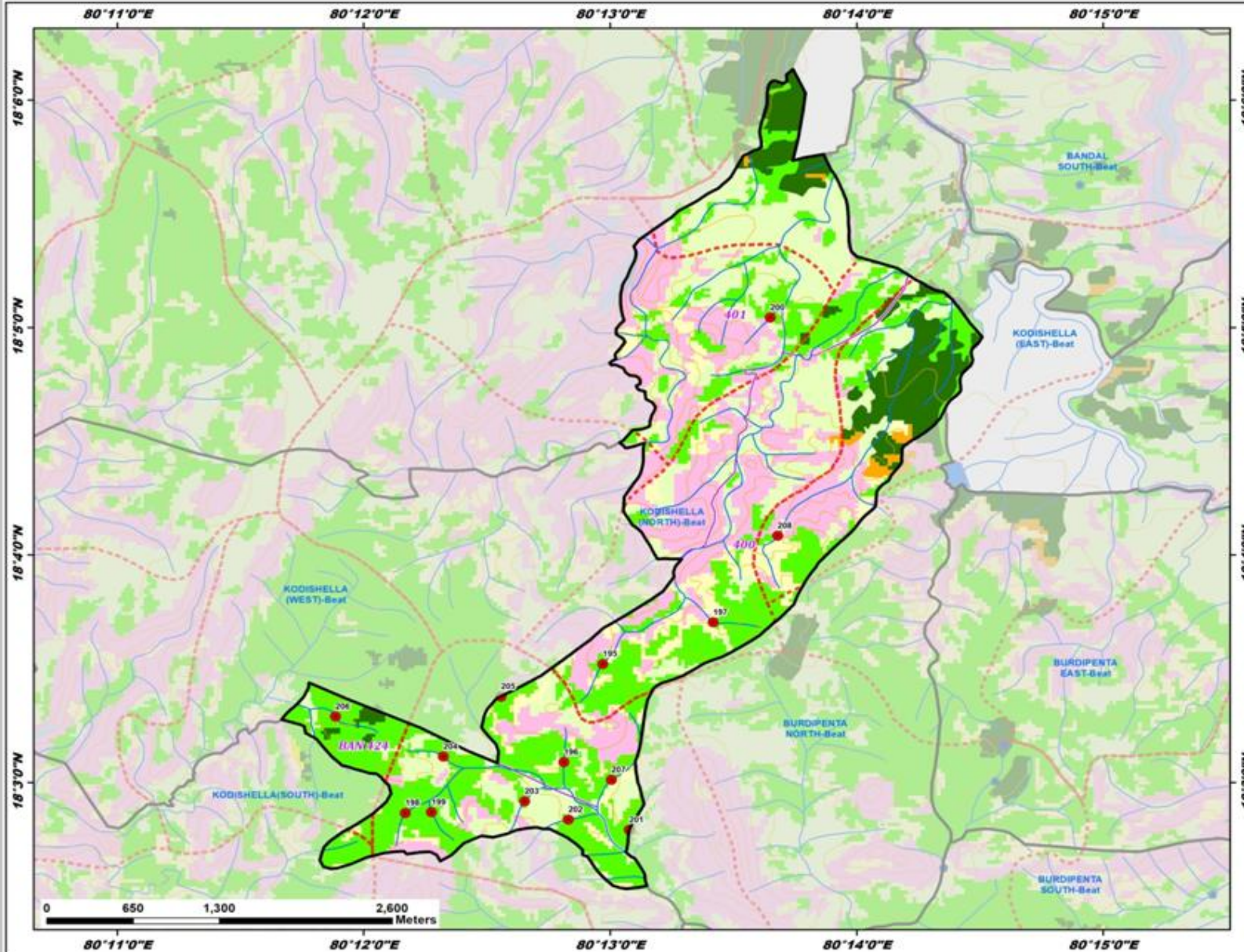
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Kodishella (North) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
195	18.058679	80.216161	17.56	II
196	18.051483	80.213521	12.55	II
197	18.061741	80.223615	20.51	II
198	18.047766	80.202818	15.02	II
199	18.047822	80.204578	14.09	II
200	18.084058	80.227477	6.17	II
201	18.046529	80.217947	15.50	II
202	18.047280	80.213832	11.88	II
203	18.048618	80.210885	7.26	II
204	18.051894	80.205383	12.99	II
205	18.056291	80.209271	13.88	II
206	18.054836	80.198092	10.55	II
207	18.050195	80.216740	40.11	III
208	18.068075	80.227991	20.18	IV

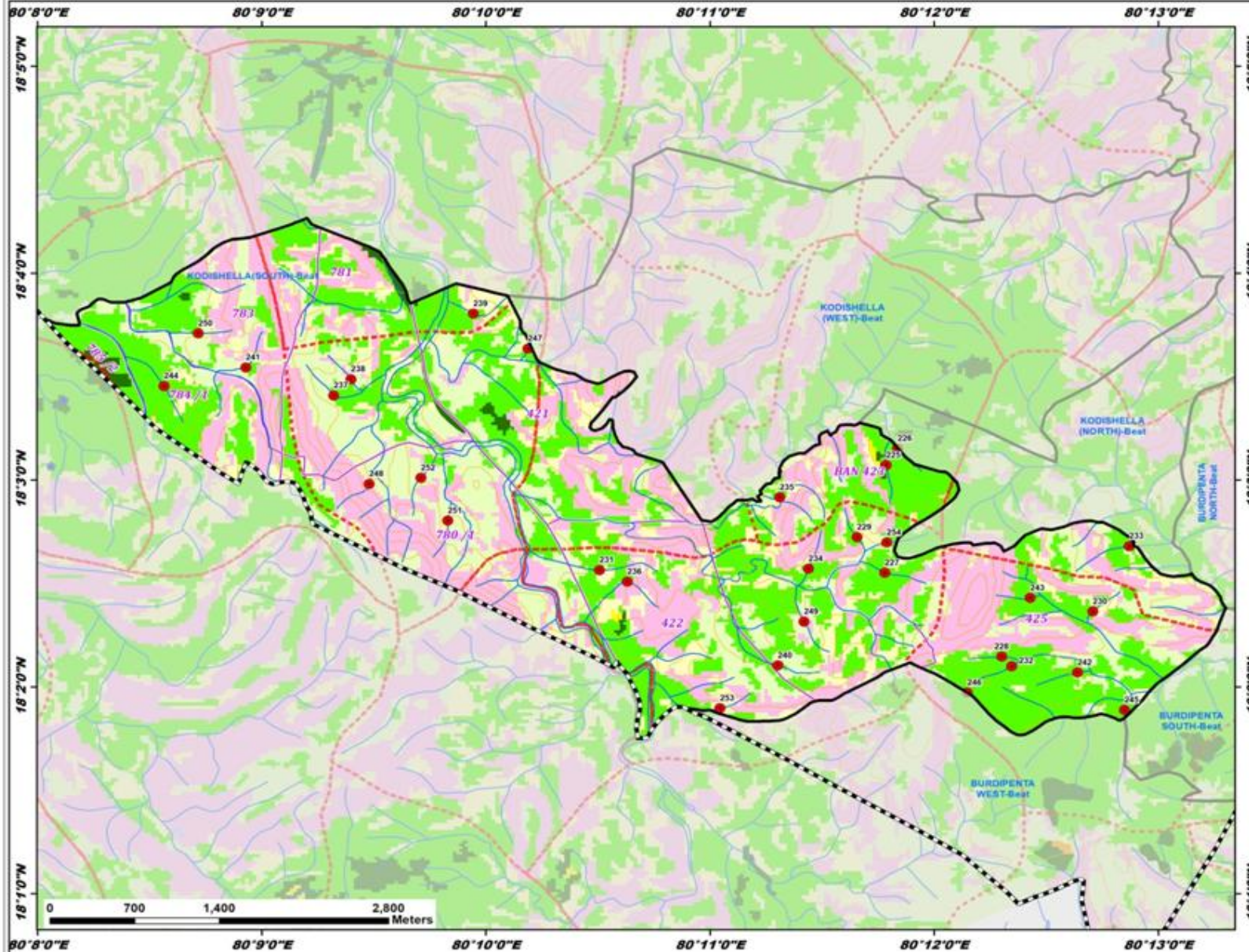
Legend

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

Map Showing Suitability index for Construction of SMC Works of Kodishella (South) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
225	18.051190	80.196428	17.42	I
226	18.052554	80.197278	13.98	II
227	18.042519	80.196339	11.86	II
228	18.035765	80.205025	13.88	II
229	18.045393	80.194250	13.51	II
230	18.039413	80.211804	7.73	II
231	18.042748	80.175105	9.19	II
232	18.034992	80.205756	5.56	II
233	18.044667	80.214497	10.14	II
234	18.042857	80.190659	9.17	II
235	18.048595	80.188505	11.20	II
236	18.041811	80.177173	9.31	II
237	18.056813	80.155339	23.52	II
238	18.058120	80.156632	9.79	II
239	18.063397	80.165731	8.83	II
240	18.035056	80.188375	11.44	II
241	18.059067	80.148804	9.84	II
242	18.034492	80.210655	7.38	II
243	18.040505	80.207135	6.98	II
244	18.057569	80.142719	8.13	II
245	18.031471	80.214145	37.34	III
246	18.032869	80.202450	26.81	III
247	18.060591	80.169793	7.27	IV
248	18.049685	80.157975	8.34	IV
249	18.038586	80.190325	13.49	IV
250	18.061815	80.145264	11.94	IV
251	18.046721	80.163831	9.60	IV
252	18.050164	80.161823	7.70	IV
253	18.031608	80.184056	5.68	IV
254	18.044970	80.196464	36.01	V

Legend

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

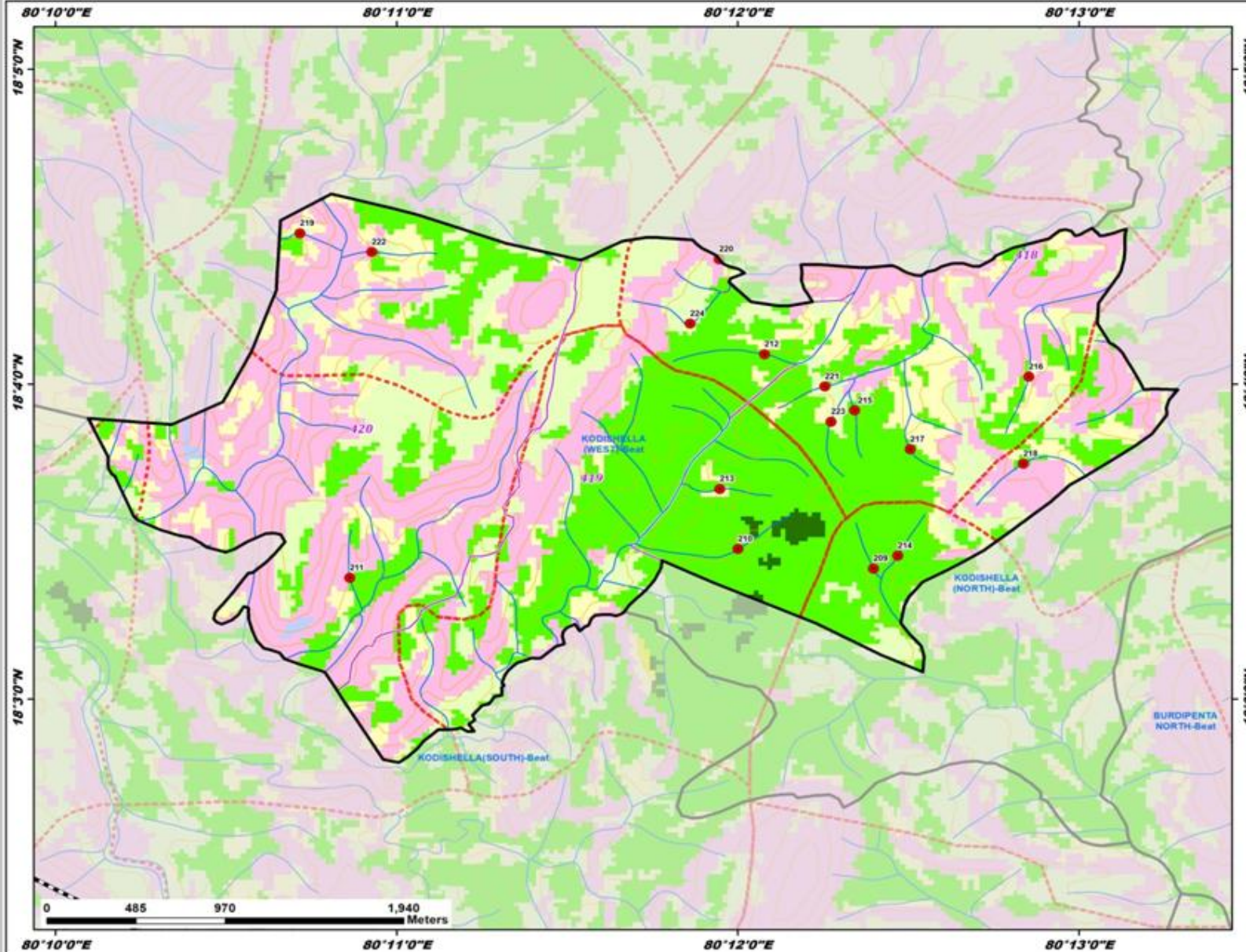
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Kodishella (West) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
209	18.056897	80.206621	12.50	II
210	18.057934	80.200003	16.69	II
211	18.056409	80.181042	11.87	II
212	18.068247	80.201306	15.55	II
213	18.061112	80.199120	7.38	II
214	18.057580	80.207807	12.99	II
215	18.065285	80.205704	6.14	II
216	18.067059	80.214207	14.79	II
217	18.063212	80.208416	11.86	II
218	18.062444	80.213954	10.73	II
219	18.074648	80.178599	14.79	II
220	18.073274	80.199086	42.91	III
221	18.066536	80.204253	13.17	IV
222	18.073662	80.182119	9.95	IV
223	18.064675	80.204548	10.27	IV
224	18.069866	80.197665	26.15	V

Legend

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

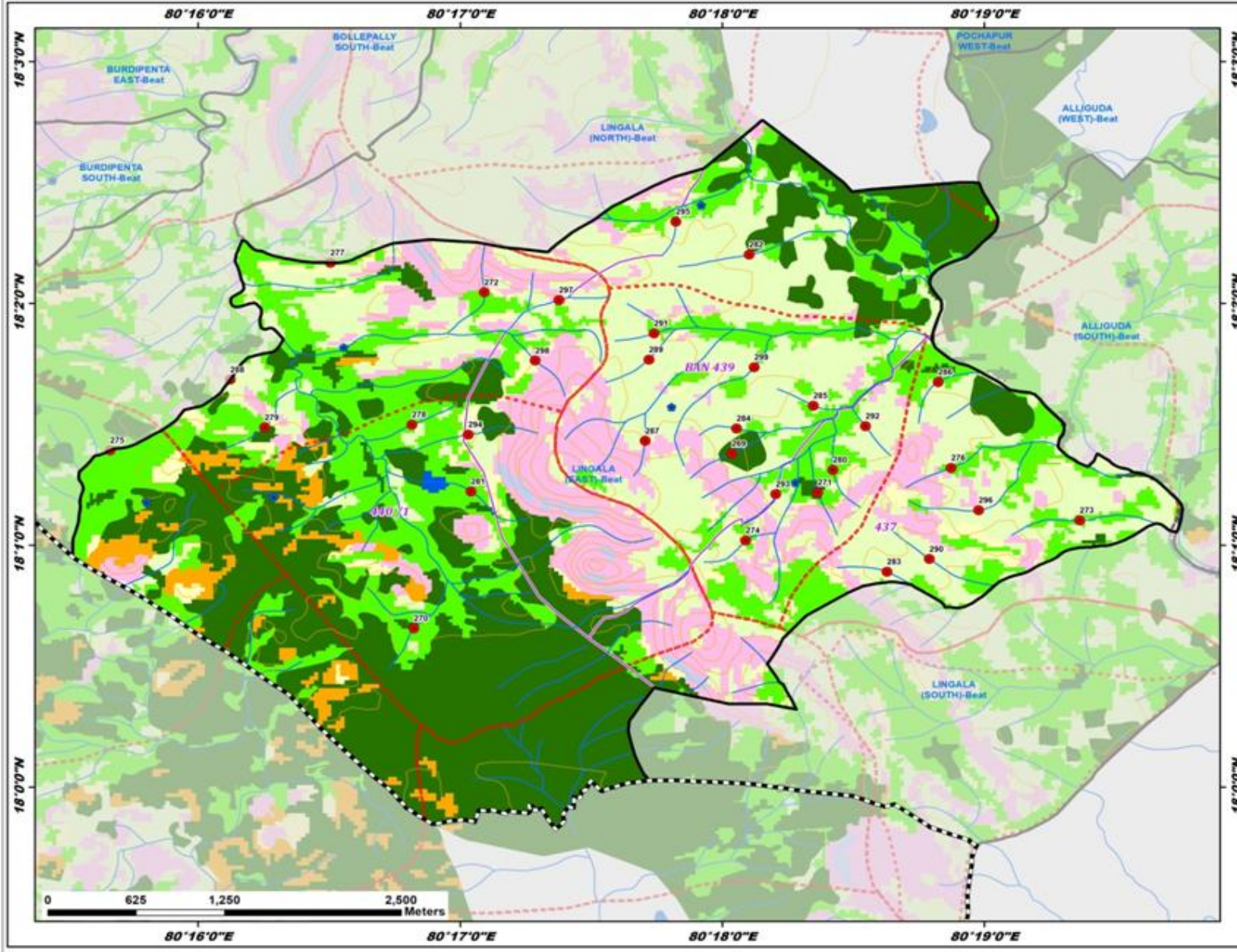
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
269	18.022984	80.300611	7.09	I
270	18.010933	80.280374	17.08	I
271	18.020300	80.300602	14.73	I
272	18.034086	80.284851	20.70	II
273	18.018366	80.322741	17.94	II
274	18.016981	80.301491	8.21	II
275	18.023204	80.261051	13.12	II
276	18.021986	80.314549	10.17	II
277	18.036131	80.275068	9.19	II
278	18.024975	80.280261	15.19	II
279	18.024779	80.270892	18.26	II
280	18.021848	80.307043	8.10	II
281	18.020360	80.284024	26.11	III
282	18.036684	80.301707	18.39	IV
283	18.014839	80.310470	16.00	IV
284	18.024710	80.300911	7.60	IV
285	18.026282	80.305783	8.48	IV
286	18.027905	80.313724	10.64	IV
287	18.023852	80.295087	10.87	IV
288	18.028074	80.268696	10.79	IV
289	18.029458	80.295330	9.14	IV
290	18.015710	80.311177	14.71	IV
291	18.031253	80.295665	5.35	IV
292	18.024868	80.309113	11.11	IV
293	18.020182	80.303407	5.83	IV
294	18.024292	80.283826	19.28	IV
295	18.038966	80.297038	4.88	IV
296	18.019079	80.316314	17.86	IV
297	18.033547	80.289608	10.95	IV
298	18.029383	80.288093	9.35	IV
299	18.028927	80.302021	33.04	V

Legend

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

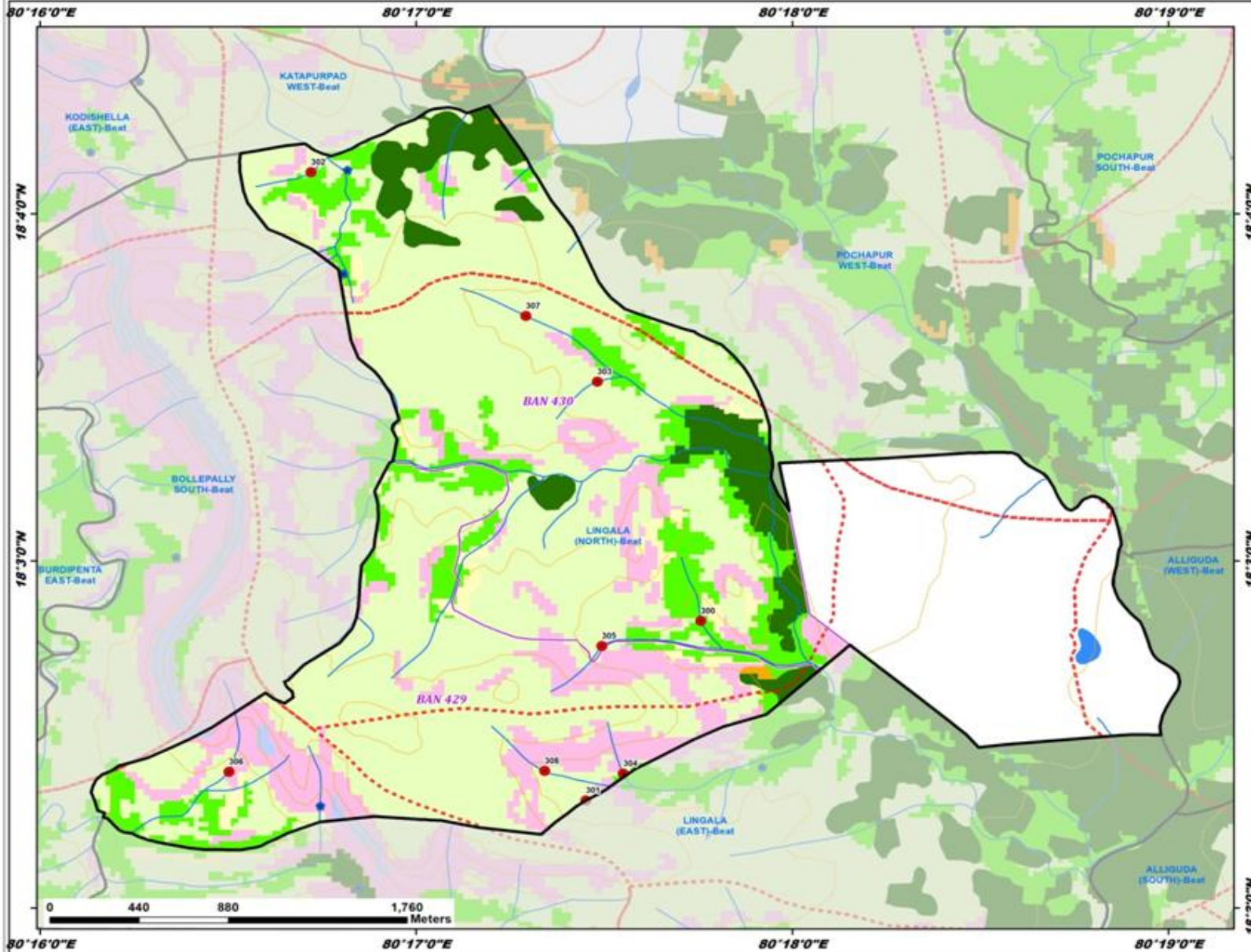
Suitability Index

- 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 Lingala (North) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
300	18.047113	80.295946	11.51	II
301	18.038500	80.290853	11.53	IV
302	18.068659	80.278672	22.45	IV
303	18.058598	80.291357	10.77	IV
304	18.039787	80.292501	6.45	IV
305	18.045913	80.291562	15.32	IV
306	18.039865	80.275035	22.57	IV
307	18.061753	80.288194	36.57	V
308	18.039914	80.289021	31.19	V

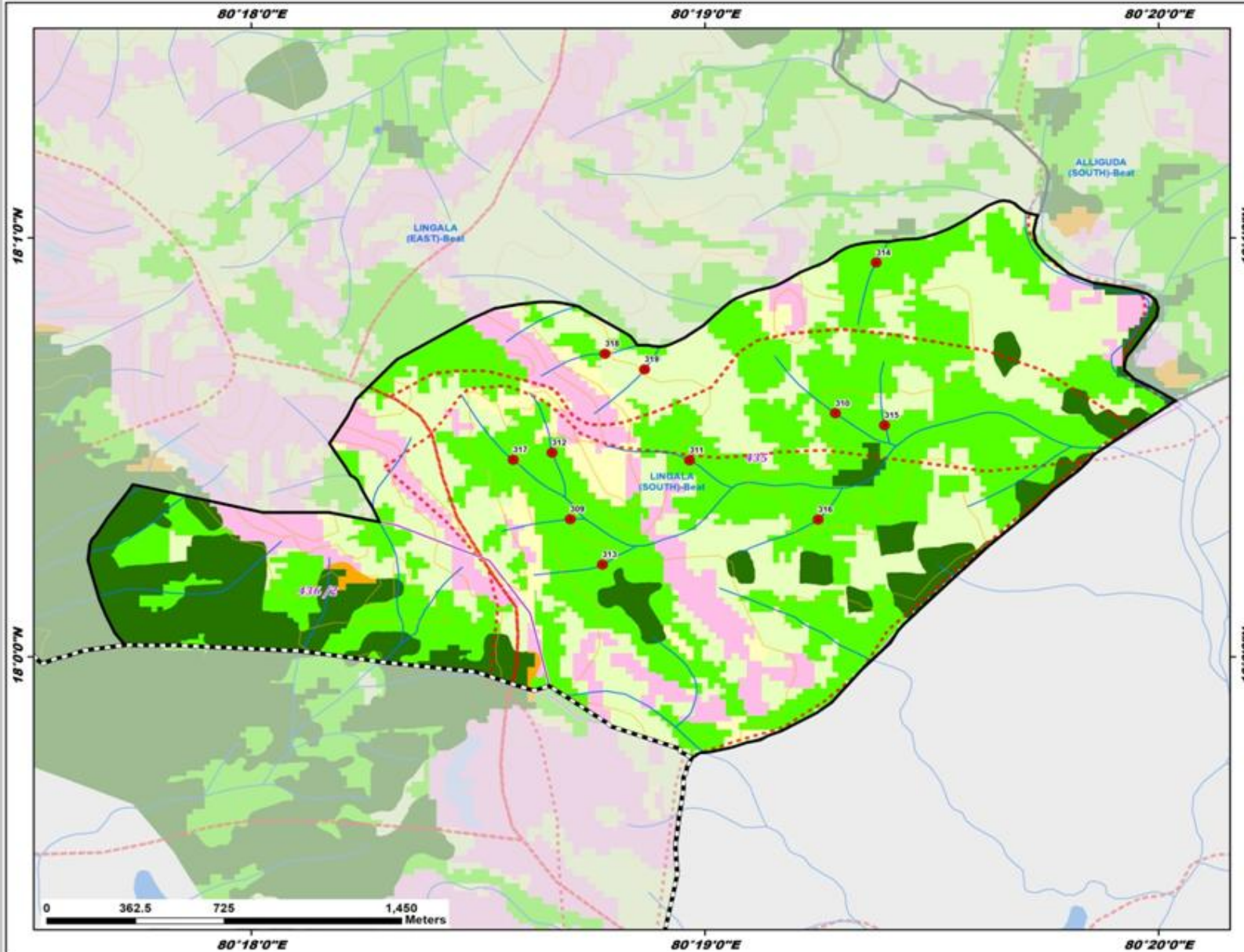
Legend

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

Map Showing Suitability index for Construction of SMC Works of Lingala (South) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
309	18.005473	80.311713	6.04	II
310	18.009682	80.321449	12.94	II
311	18.007812	80.316100	6.65	II
312	18.008114	80.311052	5.33	II
313	18.003663	80.312895	6.54	II
314	18.015684	80.322957	8.95	II
315	18.009205	80.323260	6.09	II
316	18.005459	80.320817	10.60	II
317	18.007837	80.309614	23.60	II
318	18.012054	80.312986	7.14	IV
319	18.011432	80.314449	6.59	IV

Legend

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

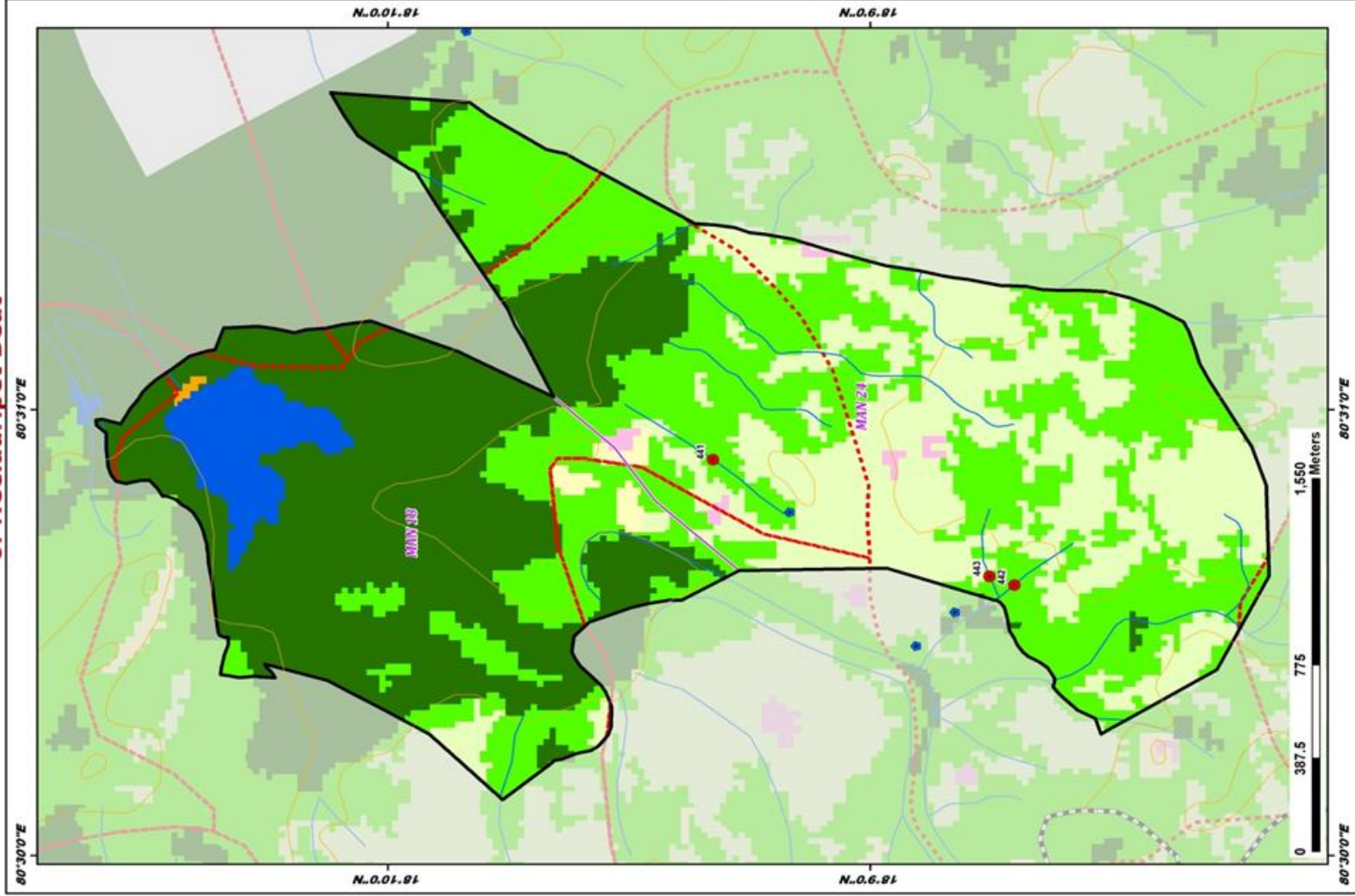
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment	
			Area_Ha	Priority
441	18.155428	80.514808	23.76	II
442	18.145028	80.510122	18.15	II
443	18.145883	80.510451	10.65	II

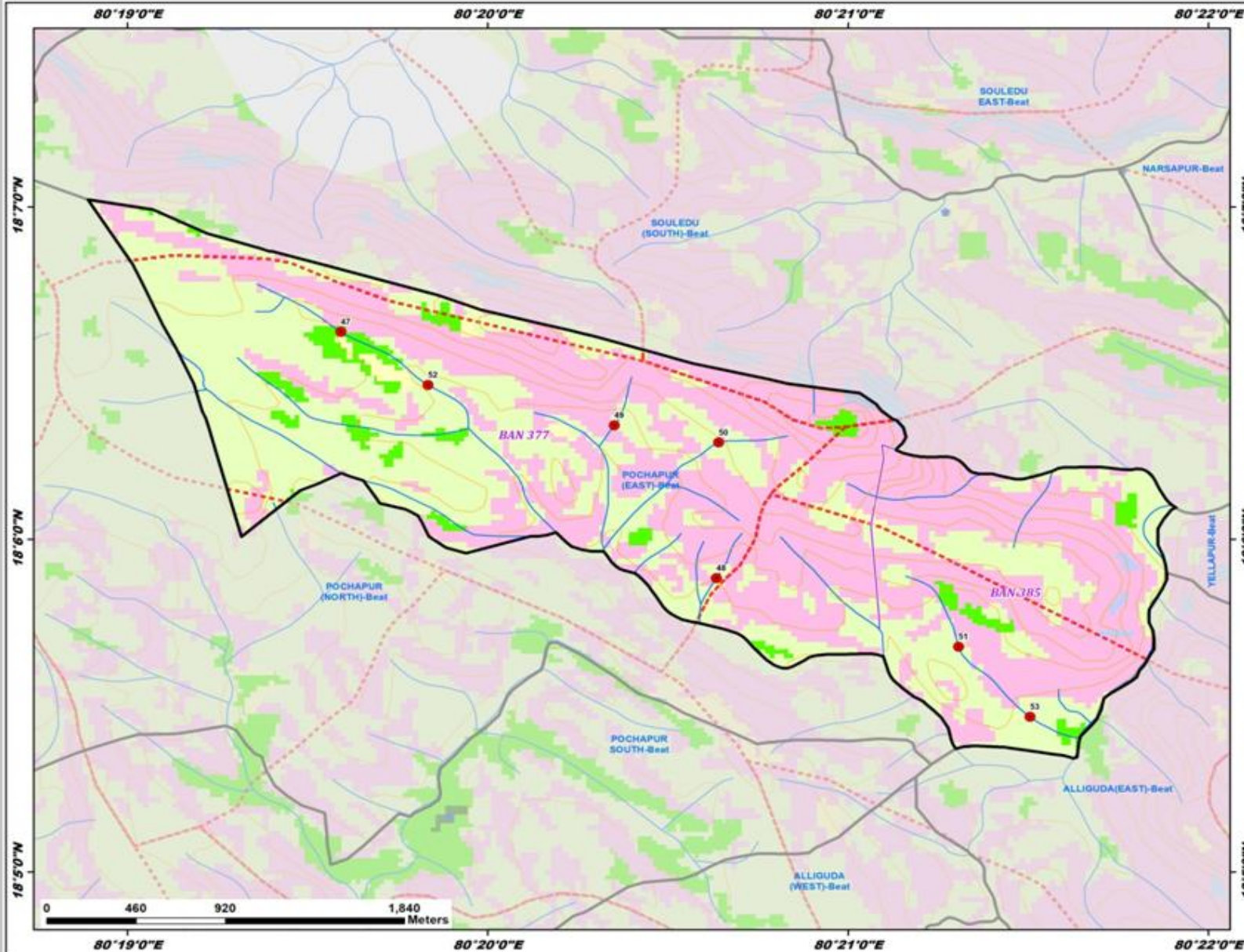
LEGEND

- 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 SCPs - Suitable
 - Not Suitable
 - Water Body

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
47	18.110400	80.326537	35.47	III
48	18.098060	80.343896	8.14	IV
49	18.105721	80.339182	15.20	IV
50	18.104853	80.344012	18.58	IV
51	18.094621	80.355105	31.67	V
52	18.107737	80.330567	67.91	V
53	18.091106	80.358401	52.31	V

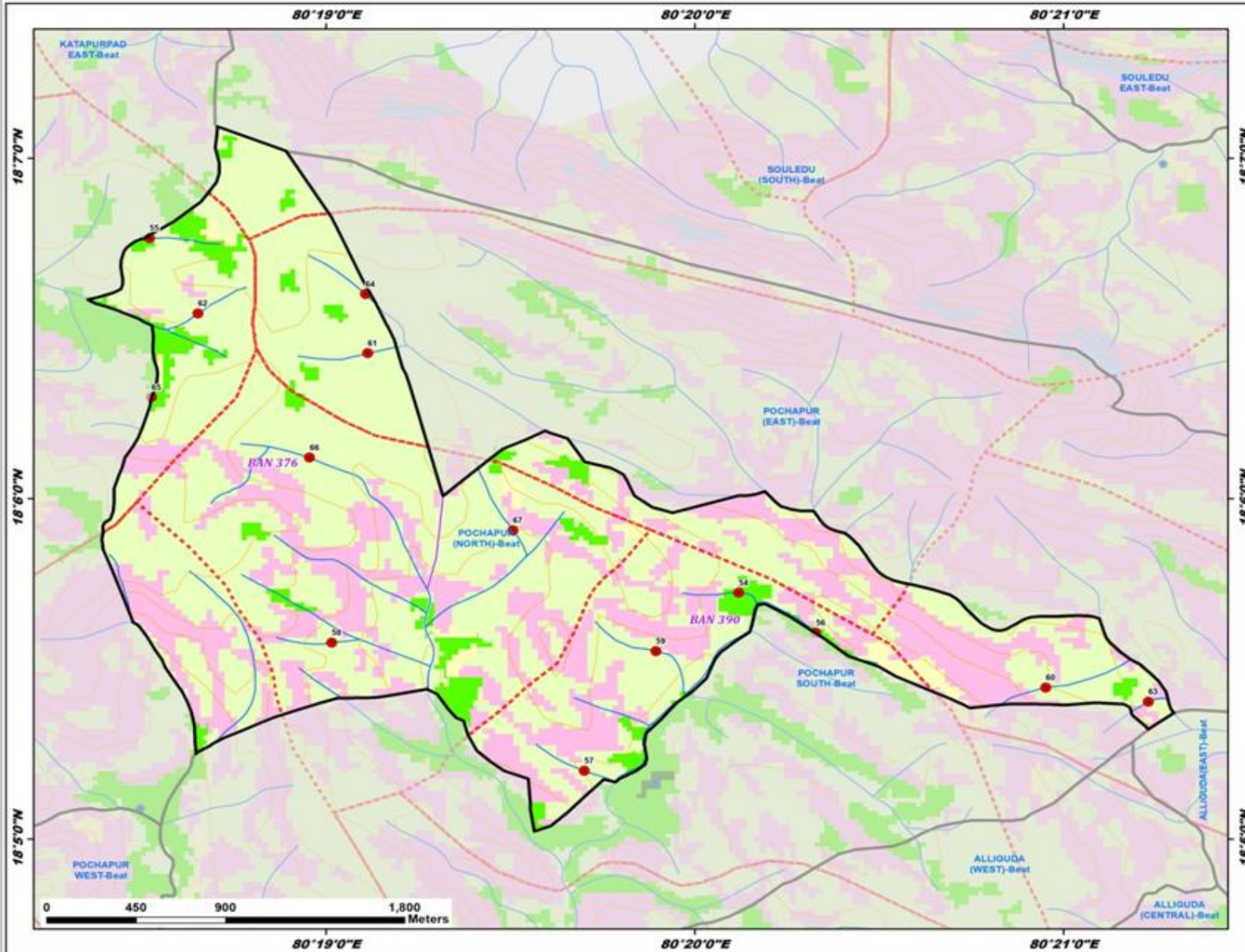
Legend

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

Map Showing Suitability index for Construction of SMC Works of Pochapur (North) Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
54	18.095394	80.335320	16.35	II
55	18.112760	80.308683	20.35	II
56	18.093435	80.338801	7.01	II
57	18.086678	80.328333	10.29	IV
58	18.092951	80.316911	6.32	IV
59	18.092536	80.331563	16.38	IV
60	18.090748	80.349185	8.88	IV
61	18.107127	80.318538	13.58	IV
62	18.109071	80.310864	15.46	IV
63	18.090056	80.353833	5.83	IV
64	18.110019	80.318444	51.83	V
65	18.104966	80.308763	33.09	V
66	18.102015	80.315914	49.60	V
67	18.098450	80.325111	32.35	V

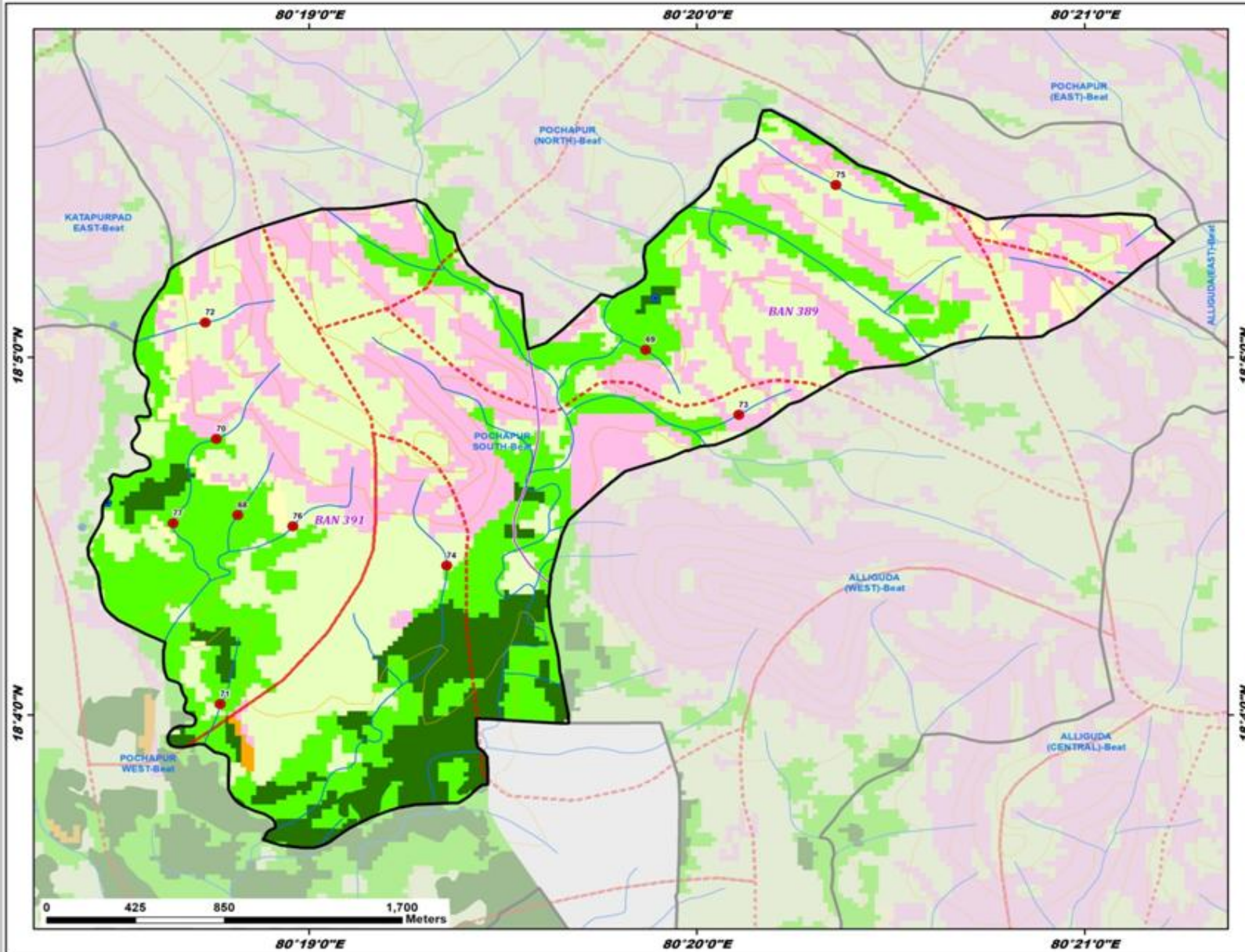
Legend

- 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 Pochapur South Beat



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
68	18.075976	80.313600	17.85	II
69	18.083675	80.331135	20.13	II
70	18.079522	80.312675	18.41	II
71	18.067170	80.312837	30.74	III
72	18.084951	80.312201	16.28	IV
73	18.080640	80.335132	5.74	IV
74	18.073616	80.322572	14.95	IV
75	18.091347	80.339314	11.77	IV
76	18.075452	80.315956	28.69	V
77	18.075593	80.310810	32.72	III

Legend

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

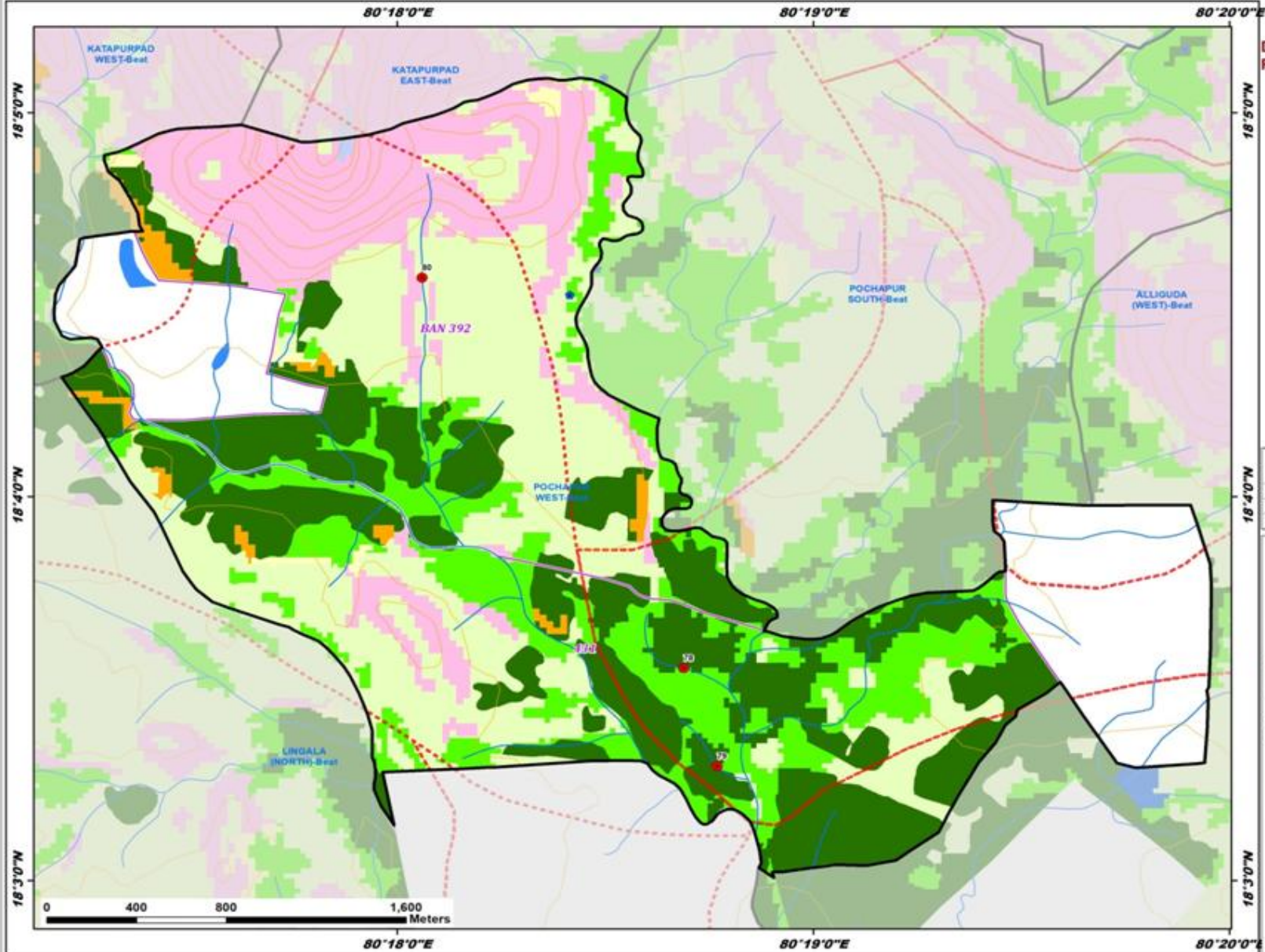
Suitability Index

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

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



Division : Tadvai
Range : Lingala



ID	Latitude	Longitude	Catchment Area_Ha	Priority
78	18.059218	80.311467	13.25	II
79	18.054954	80.312812	5.36	II
80	18.076170	80.300991	23.62	IV

Legend

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

Suitability Index

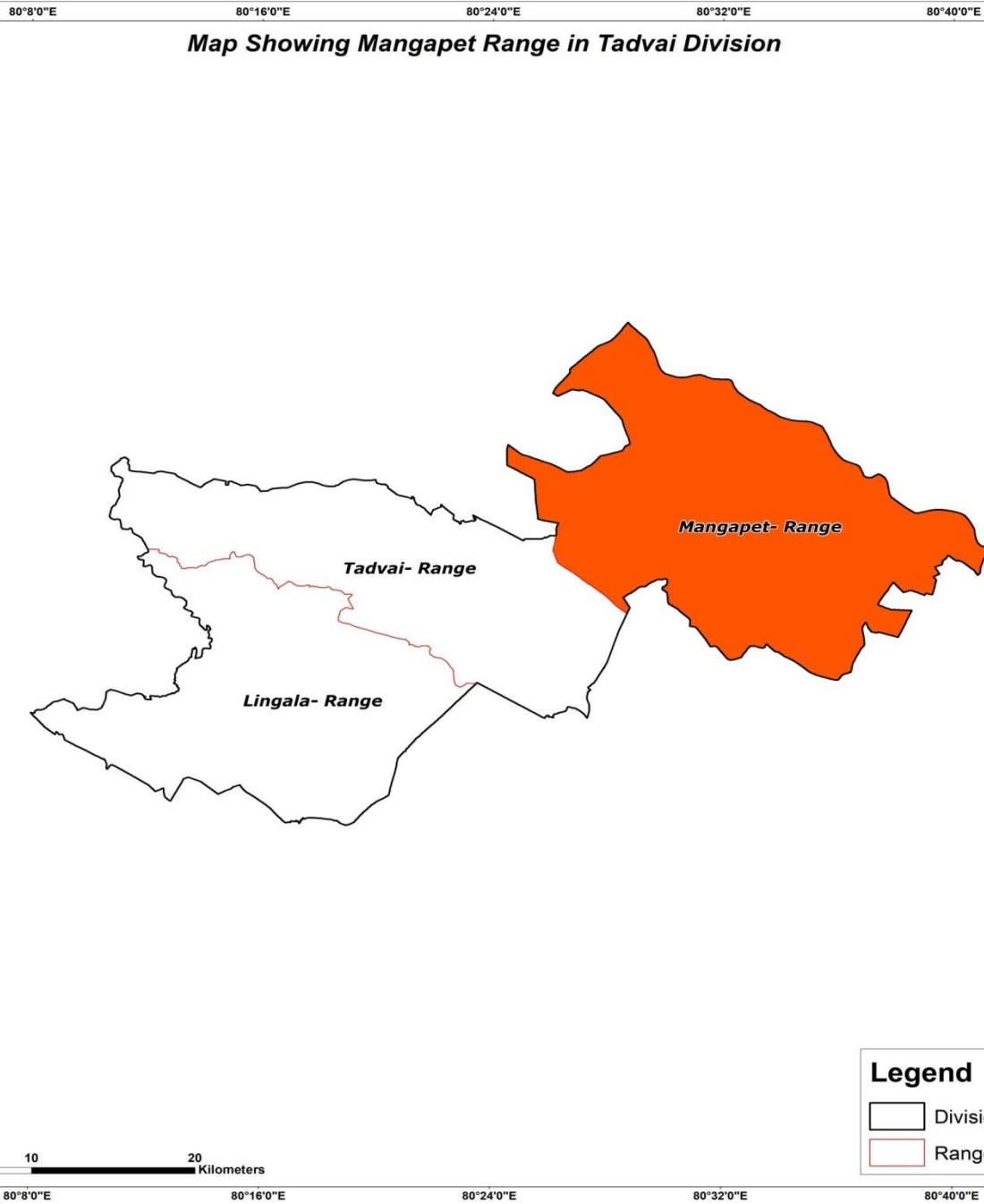
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body

Map Showing Mangapet Range in Tadvai Division



18°24'0"N
18°16'0"N
18°8'0"N
18°0'0"N
17°52'0"N

18°24'0"N
18°16'0"N
18°8'0"N
18°0'0"N
17°52'0"N

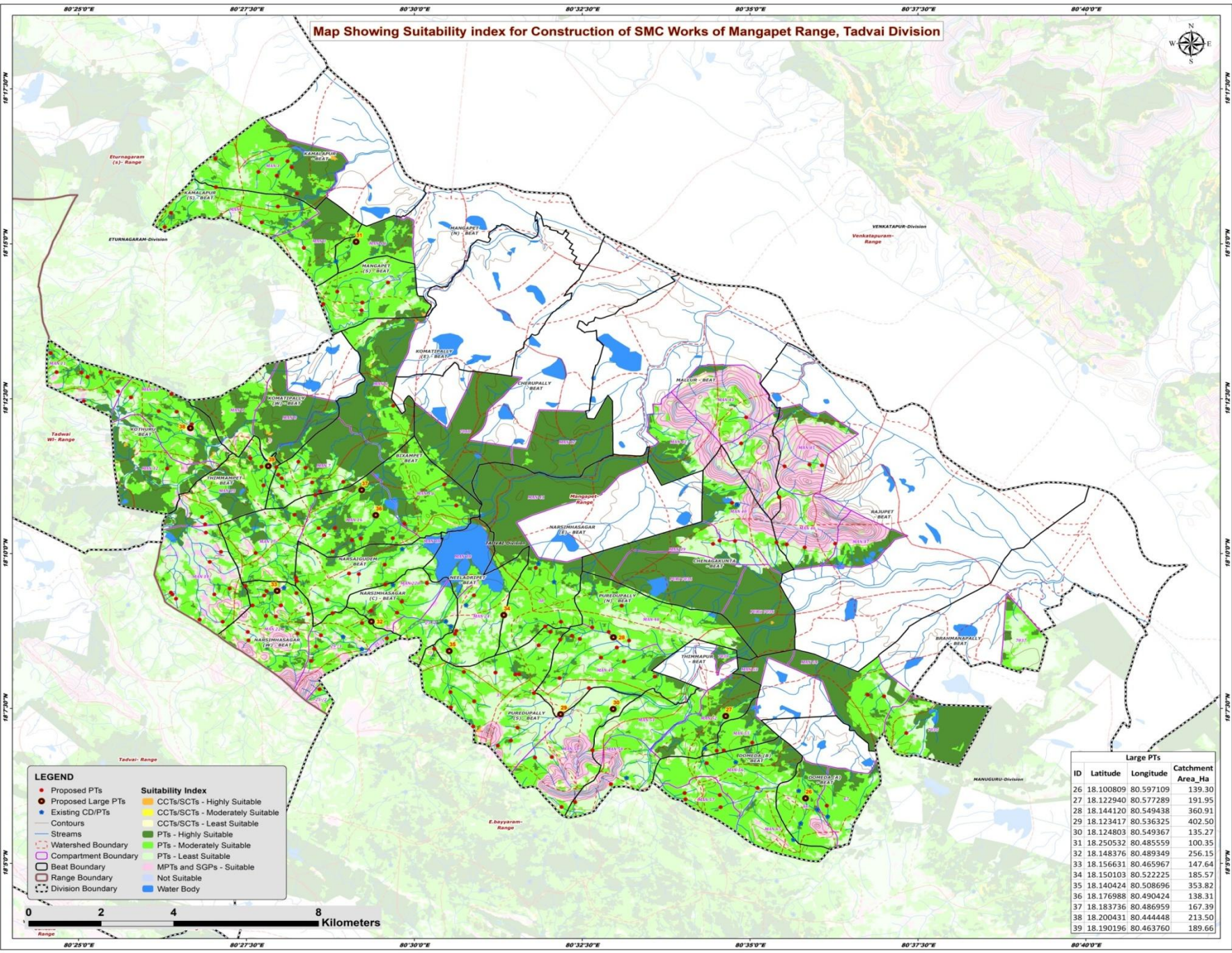


Legend

-  Division Boundary
-  Range Boundary

80°8'0"E 80°16'0"E 80°24'0"E 80°32'0"E 80°40'0"E

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

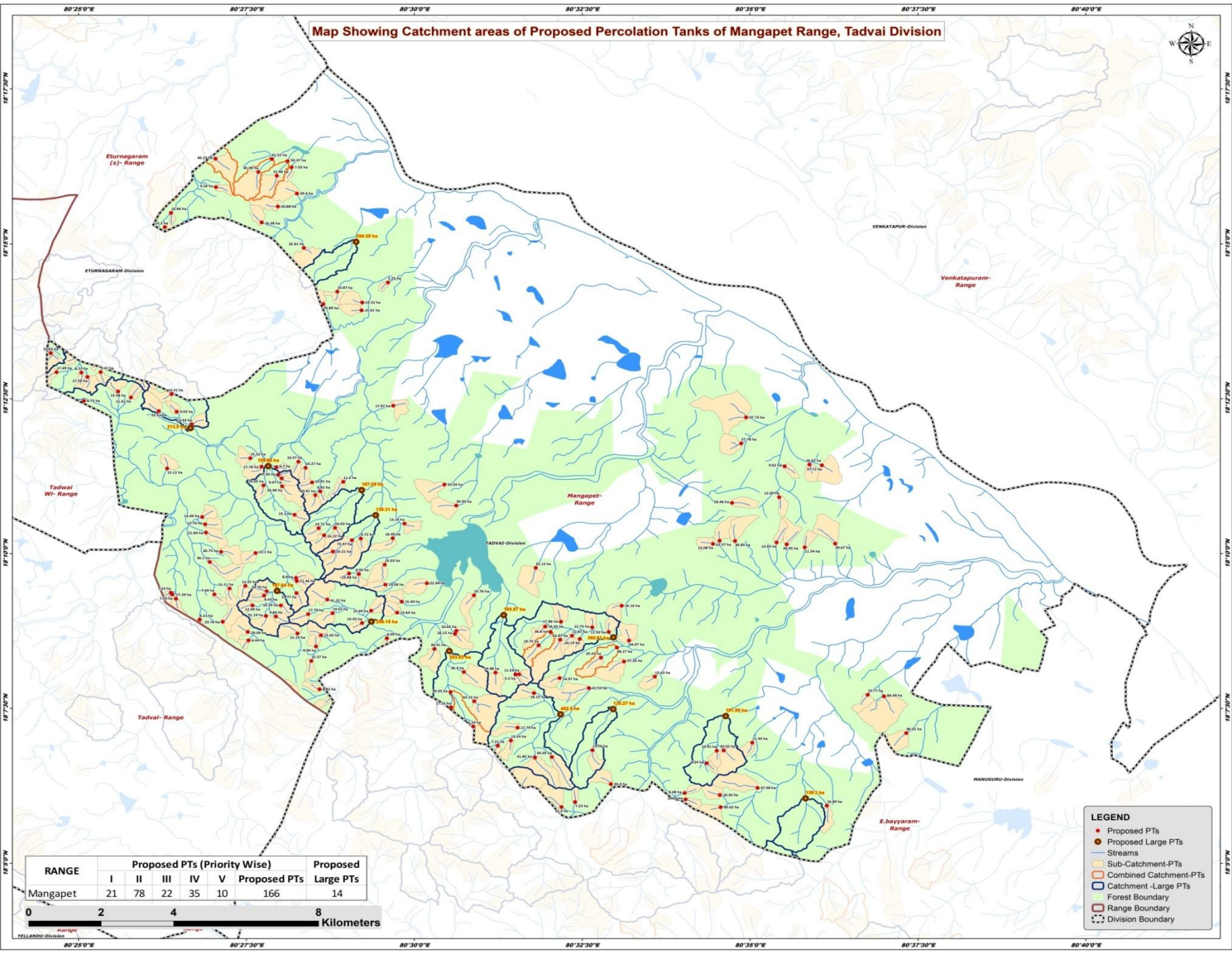


- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Range Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
26	18.100809	80.597109	139.30
27	18.122940	80.577289	191.95
28	18.144120	80.549438	360.91
29	18.123417	80.536325	402.50
30	18.124803	80.549367	135.27
31	18.250532	80.485559	100.35
32	18.148376	80.489349	256.15
33	18.156631	80.465967	147.64
34	18.150103	80.522225	185.57
35	18.140424	80.508696	353.82
36	18.176988	80.490424	138.31
37	18.183736	80.486959	167.39
38	18.200431	80.444448	213.50
39	18.190196	80.463760	189.66



Map Showing Catchment areas of Proposed Percolation Tanks of Mangapet Range, Tadvai Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Mangapet	21	78	22	35	10	166

- 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 – Mangapet Range

S. No.	Beat	Proposed PT's
1	BIXAMPET	13
2	BRAHMANAPALLY	6
3	CHENAGAKUNTA	5
4	DOMEDA A	1
5	DOMEDA B	6
6	KAMALAPUR	8
7	KAMALAPUR SOUTH	5
8	KOMATIPALLY EAST	9
9	KOTHURU	13
10	MALLUR	3
11	MANGAPET SOUTH	5
12	NARSAIGUDEM	7
13	NARSIMHASAGAR CENTRAL	4
14	NARSIMHASAGAR EAST	2
15	NARSIMHASAGAR WEST	19
16	NEELADRIPET	3
17	PUREDUPALLY NORTH	12
18	PUREDUPALLY SOUTH	21
19	RAJUPET	6
20	THIMMAMPET	16
21	THIMMAPUR	2
	Total	166

List of Proposed PTs – Mangapet 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
320	18.128670	80.612550	15.77	I	BRAHMANAPALLY	360	18.114967	80.520734	7.21	II	PUREDUPALLY (S)	400	18.186876	80.467067	9.47	II	KOMATIPALLY EAST
321	18.113628	80.575070	10.91	II	BRAHMANAPALLY	361	18.119804	80.525656	17.79	II	PUREDUPALLY (S)	401	18.184751	80.467211	26.99	III	KOMATIPALLY EAST
322	18.115782	80.583883	11.44	II	BRAHMANAPALLY	362	18.125271	80.509084	17.13	II	PUREDUPALLY (S)	402	18.185965	80.482374	11.20	IV	KOMATIPALLY EAST
323	18.113711	80.576798	43.02	III	BRAHMANAPALLY	363	18.141961	80.530858	19.75	II	PUREDUPALLY (S)	403	18.191375	80.471255	10.57	IV	KOMATIPALLY EAST
324	18.128244	80.616582	84.49	IV	BRAHMANAPALLY	364	18.134108	80.525113	5.20	II	PUREDUPALLY (S)	404	18.234203	80.487095	19.52	II	MANGAPET SOUTH
325	18.118360	80.622122	40.01	V	BRAHMANAPALLY	365	18.111897	80.534146	34.05	III	PUREDUPALLY (S)	405	18.233791	80.477406	24.89	II	MANGAPET SOUTH
326	18.098838	80.602395	16.89	II	DOMEDA A	366	18.120132	80.514643	46.24	III	PUREDUPALLY (S)	406	18.237125	80.480897	10.87	II	MANGAPET SOUTH
327	18.102213	80.567101	8.48	II	DOMEDA B	367	18.111766	80.529956	41.85	III	PUREDUPALLY (S)	407	18.239602	80.493479	5.25	IV	MANGAPET SOUTH
328	18.101691	80.575847	18.26	II	DOMEDA B	368	18.134792	80.512297	36.90	III	PUREDUPALLY (S)	408	18.232107	80.486925	15.01	IV	MANGAPET SOUTH
329	18.110262	80.572591	6.24	II	DOMEDA B	369	18.141002	80.504991	26.41	III	PUREDUPALLY (S)	409	18.159249	80.470842	11.36	I	NARSAIGUDEM
330	18.100530	80.567329	10.16	II	DOMEDA B	370	18.143475	80.536206	52.87	IV	PUREDUPALLY (S)	410	18.160102	80.470636	8.80	I	NARSAIGUDEM
331	18.103607	80.585220	47.98	III	DOMEDA B	371	18.126913	80.514878	63.15	IV	PUREDUPALLY (S)	411	18.158309	80.492848	13.58	I	NARSAIGUDEM
332	18.098422	80.576038	40.02	III	DOMEDA B	372	18.134621	80.520161	24.98	IV	PUREDUPALLY (S)	412	18.163670	80.492650	23.03	II	NARSAIGUDEM
333	18.099798	80.539925	7.23	II	THIMMAPUR	373	18.098446	80.536547	32.90	V	PUREDUPALLY (S)	413	18.154270	80.478409	41.22	III	NARSAIGUDEM
334	18.104617	80.548794	20.40	II	THIMMAPUR	374	18.145577	80.533802	36.80	II	PUREDUPALLY (S)	414	18.161154	80.486250	8.92	IV	NARSAIGUDEM
335	18.170041	80.579619	30.85	III	CHENAGAKUNTA	375	18.129381	80.508986	90.05	IV	PUREDUPALLY (S)	415	18.161313	80.483809	23.88	IV	NARSAIGUDEM
336	18.169643	80.589924	13.65	IV	CHENAGAKUNTA	376	18.169126	80.592426	20.95	II	RAJUPET	416	18.151278	80.489282	15.69	I	NARSIMHASAGAR (C)
337	18.180286	80.578874	18.46	IV	CHENAGAKUNTA	377	18.168325	80.596923	11.54	II	RAJUPET	417	18.150755	80.495757	15.64	II	NARSIMHASAGAR (C)
338	18.170127	80.575786	22.57	IV	CHENAGAKUNTA	378	18.190601	80.598088	16.02	IV	RAJUPET	418	18.153703	80.496885	15.49	II	NARSIMHASAGAR (C)
339	18.169271	80.574169	13.08	IV	CHENAGAKUNTA	379	18.190131	80.591908	9.62	IV	RAJUPET	419	18.158679	80.503130	22.94	II	NARSIMHASAGAR (C)
340	18.181831	80.590585	12.05	II	MALLUR	380	18.190398	80.601157	37.72	V	RAJUPET	420	18.148305	80.536407	17.86	II	NARSIMHASAGAR (E)
341	18.203291	80.582393	97.73	V	MALLUR	381	18.169318	80.604491	39.67	V	RAJUPET	421	18.162804	80.530146	42.13	III	NARSIMHASAGAR (C)
342	18.196316	80.581155	27.78	V	MALLUR	382	18.270578	80.469566	7.03	I	KAMALAPUR	422	18.157952	80.458094	12.35	I	NARSIMHASAGAR(W)
343	18.133534	80.559706	15.63	II	PUREDUPALLY (N)	383	18.263535	80.470886	29.40	II	KAMALAPUR	423	18.150613	80.479732	19.07	I	NARSIMHASAGAR(W)
344	18.144533	80.539140	11.87	II	PUREDUPALLY (N)	384	18.265272	80.450765	9.26	II	KAMALAPUR	424	18.137767	80.474447	12.37	I	NARSIMHASAGAR(W)
345	18.143685	80.541081	16.19	II	PUREDUPALLY (N)	385	18.272877	80.450651	40.23	III	KAMALAPUR	425	18.156530	80.463375	14.76	I	NARSIMHASAGAR(W)
346	18.145582	80.548253	11.92	II	PUREDUPALLY (N)	386	18.268319	80.465877	31.46	III	KAMALAPUR	426	18.156020	80.470759	19.77	II	NARSIMHASAGAR(W)
347	18.152619	80.551491	16.16	II	PUREDUPALLY (N)	387	18.269337	80.461320	45.99	III	KAMALAPUR	427	18.143854	80.493212	6.39	II	NARSIMHASAGAR(W)
348	18.133144	80.536062	14.97	II	PUREDUPALLY (N)	388	18.272797	80.464659	61.52	IV	KAMALAPUR	428	18.149739	80.465662	9.84	II	NARSIMHASAGAR(W)
349	18.146782	80.544170	12.73	II	PUREDUPALLY (N)	389	18.272239	80.468573	50.37	IV	KAMALAPUR	429	18.141666	80.475604	9.94	II	NARSIMHASAGAR(W)
350	18.137589	80.552058	37.26	III	PUREDUPALLY (N)	390	18.260038	80.466165	20.88	II	KAMALAPUR SOUTH	430	18.145134	80.471007	21.14	II	NARSIMHASAGAR(W)
351	18.138665	80.546350	25.41	III	PUREDUPALLY (N)	391	18.254489	80.438083	15.20	II	KAMALAPUR SOUTH	431	18.152696	80.466880	10.29	II	NARSIMHASAGAR(W)
352	18.143247	80.553307	24.07	IV	PUREDUPALLY (N)	392	18.255764	80.462152	16.38	II	KAMALAPUR SOUTH	432	18.130153	80.476498	8.82	II	NARSIMHASAGAR(W)
353	18.130455	80.543340	41.53	V	PUREDUPALLY (N)	393	18.258325	80.439625	10.68	II	KAMALAPUR SOUTH	433	18.150356	80.473665	17.79	II	NARSIMHASAGAR(W)
354	18.141359	80.550291	48.27	V	PUREDUPALLY (N)	394	18.248892	80.472577	32.81	III	KAMALAPUR SOUTH	434	18.147977	80.487037	10.45	II	NARSIMHASAGAR(W)
355	18.134166	80.526032	11.53	I	PUREDUPALLY (S)	395	18.183391	80.476665	6.82	I	KOMATIPALLY EAST	435	18.152701	80.459868	12.09	II	NARSIMHASAGAR(W)
356	18.129110	80.529713	18.15	II	PUREDUPALLY (S)	396	18.185813	80.474636	10.81	II	KOMATIPALLY EAST	436	18.149868	80.463193	31.19	III	NARSIMHASAGAR(W)
357	18.116368	80.523989	13.24	II	PUREDUPALLY (S)	397	18.206444	80.494771	17.97	II	KOMATIPALLY EAST	437	18.143312	80.458868	6.44	IV	NARSIMHASAGAR(W)
358	18.113757	80.544234	15.76	II	PUREDUPALLY (S)	398	18.187890	80.466243	5.56	II	KOMATIPALLY EAST	438	18.155362	80.462731	8.43	IV	NARSIMHASAGAR(W)
359	18.147014	80.532486	18.45	II	PUREDUPALLY (S)	399	18.189740	80.473011	10.27	II	KOMATIPALLY EAST	439	18.144679	80.476833	15.45	IV	NARSIMHASAGAR(W)

List of Proposed PTs – Mangapet Range

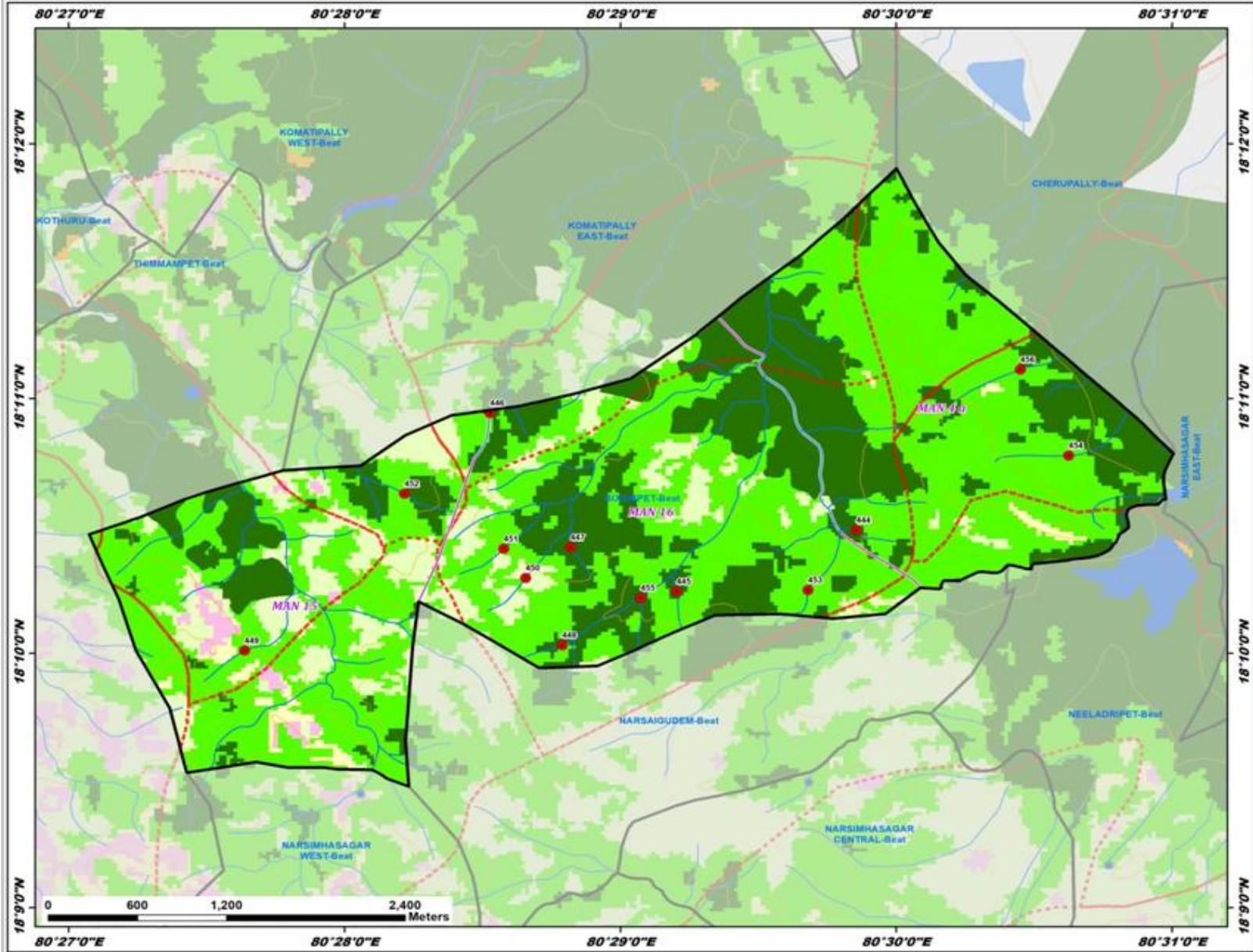
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
440	18.145575	80.458678	29.09	V	NARSIMHASAGAR(W)
441	18.155428	80.514808	23.76	II	NEELADRIPET
442	18.145028	80.510122	18.15	II	NEELADRIPET
443	18.145883	80.510451	10.65	II	NEELADRIPET
444	18.174714	80.497577	13.16	I	BIXAMPET
445	18.170697	80.486733	9.72	I	BIXAMPET
446	18.182366	80.475447	20.41	I	BIXAMPET
447	18.173573	80.480322	16.02	I	BIXAMPET
448	18.167185	80.479814	10.21	I	BIXAMPET
449	18.166824	80.460625	13.10	II	BIXAMPET
450	18.171581	80.477606	16.22	II	BIXAMPET
451	18.173488	80.476276	14.71	II	BIXAMPET
452	18.177084	80.470283	15.10	II	BIXAMPET
453	18.170783	80.494669	16.49	II	BIXAMPET
454	18.179585	80.510422	30.95	III	BIXAMPET
455	18.170265	80.484554	73.97	III	BIXAMPET
456	18.185221	80.507497	33.04	III	BIXAMPET
457	18.215359	80.417361	8.22	I	KOTHURU
458	18.209554	80.439756	14.31	I	KOTHURU
459	18.220605	80.409759	22.63	I	KOTHURU
460	18.215466	80.411233	17.49	II	KOTHURU
461	18.214184	80.418878	17.59	II	KOTHURU
462	18.189532	80.438674	15.12	II	KOTHURU
463	18.204830	80.441036	9.03	II	KOTHURU
464	18.201455	80.444794	13.54	II	KOTHURU
465	18.215486	80.422163	9.47	II	KOTHURU
466	18.204990	80.436596	23.31	II	KOTHURU
467	18.210282	80.426486	15.58	IV	KOTHURU
468	18.208674	80.429680	11.61	IV	KOTHURU
469	18.207731	80.418006	6.75	IV	KOTHURU
470	18.192307	80.459319	15.32	I	THIMMAMPET
471	18.189909	80.465766	6.70	II	THIMMAMPET
472	18.184998	80.462587	10.05	II	THIMMAMPET
473	18.148871	80.446719	6.21	II	THIMMAMPET
474	18.157275	80.454160	11.11	II	THIMMAMPET
475	18.190029	80.462071	17.78	II	THIMMAMPET
476	18.148318	80.452460	23.76	IV	THIMMAMPET
477	18.167132	80.452036	20.75	IV	THIMMAMPET
478	18.172296	80.448305	21.84	IV	THIMMAMPET
479	18.154498	80.440855	17.29	IV	THIMMAMPET
480	18.174557	80.448103	12.74	IV	THIMMAMPET

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
481	18.155665	80.450386	7.49	IV	THIMMAMPET
482	18.156166	80.439594	7.23	IV	THIMMAMPET
483	18.155639	80.439972	7.05	IV	THIMMAMPET
484	18.176491	80.447358	13.49	IV	THIMMAMPET
485	18.164402	80.449248	30.10	V	THIMMAMPET

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
444	18.174714	80.497577	13.16	I
445	18.170697	80.486733	9.72	I
446	18.182366	80.475447	20.41	I
447	18.173573	80.480322	16.02	I
448	18.167185	80.479814	10.21	I
449	18.166824	80.460625	13.10	II
450	18.171581	80.477606	16.22	II
451	18.173488	80.476276	14.71	II
452	18.177084	80.470283	15.10	II
453	18.170783	80.494669	16.49	III
454	18.179585	80.510422	30.95	III
455	18.170265	80.484554	73.97	III
456	18.185221	80.507497	33.04	III

Legend

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

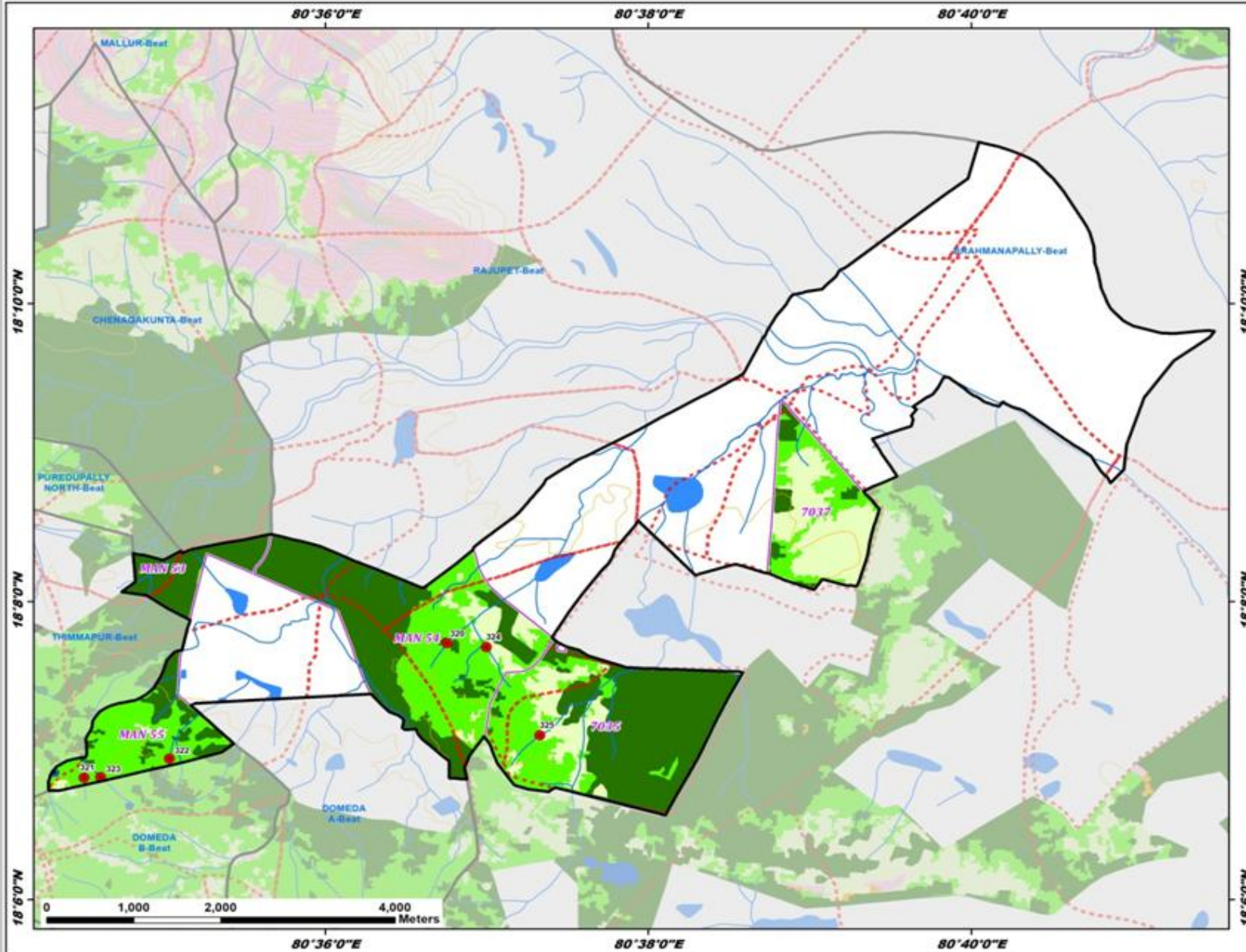
Suitability Index

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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
320	18.128670	80.612550	15.77	I
321	18.113628	80.575070	10.91	II
322	18.115782	80.583883	11.44	II
323	18.113711	80.576798	43.02	III
324	18.128244	80.616582	84.49	IV
325	18.118360	80.622122	40.01	V

Legend

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

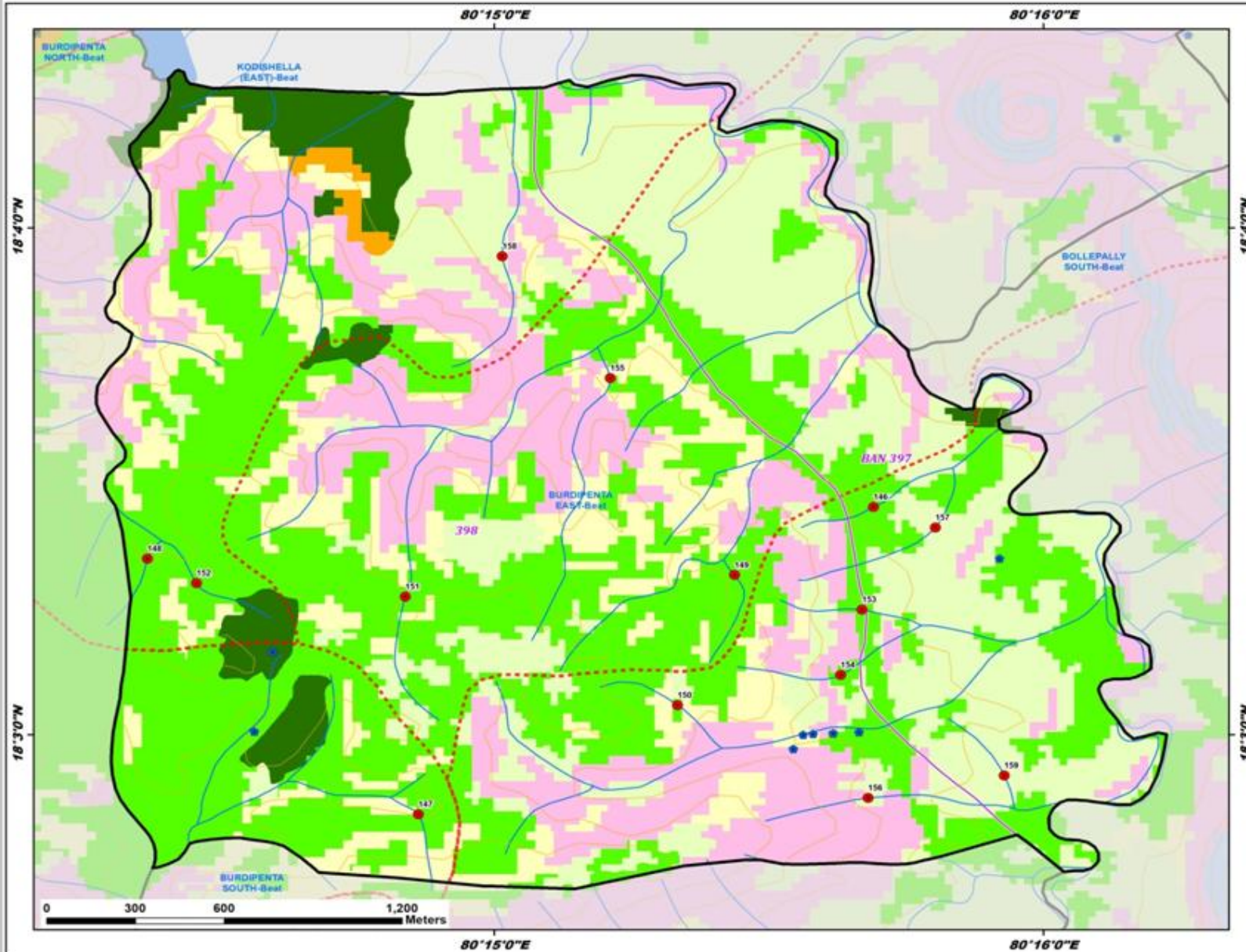
Suitability Index

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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
146	18.057487	80.261513	6.60	II
147	18.047382	80.247697	10.22	II
148	18.055789	80.239477	4.90	II
149	18.055249	80.257295	5.94	II
150	18.050972	80.255556	7.31	II
151	18.054539	80.247301	15.09	II
152	18.054985	80.240964	9.95	II
153	18.054112	80.261159	5.77	II
154	18.051968	80.260517	8.47	II
155	18.061723	80.253518	30.78	III
156	18.047921	80.261344	6.42	IV
157	18.056811	80.263388	9.88	IV
158	18.065730	80.250245	15.11	IV
159	18.048660	80.265479	5.76	IV

Legend

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

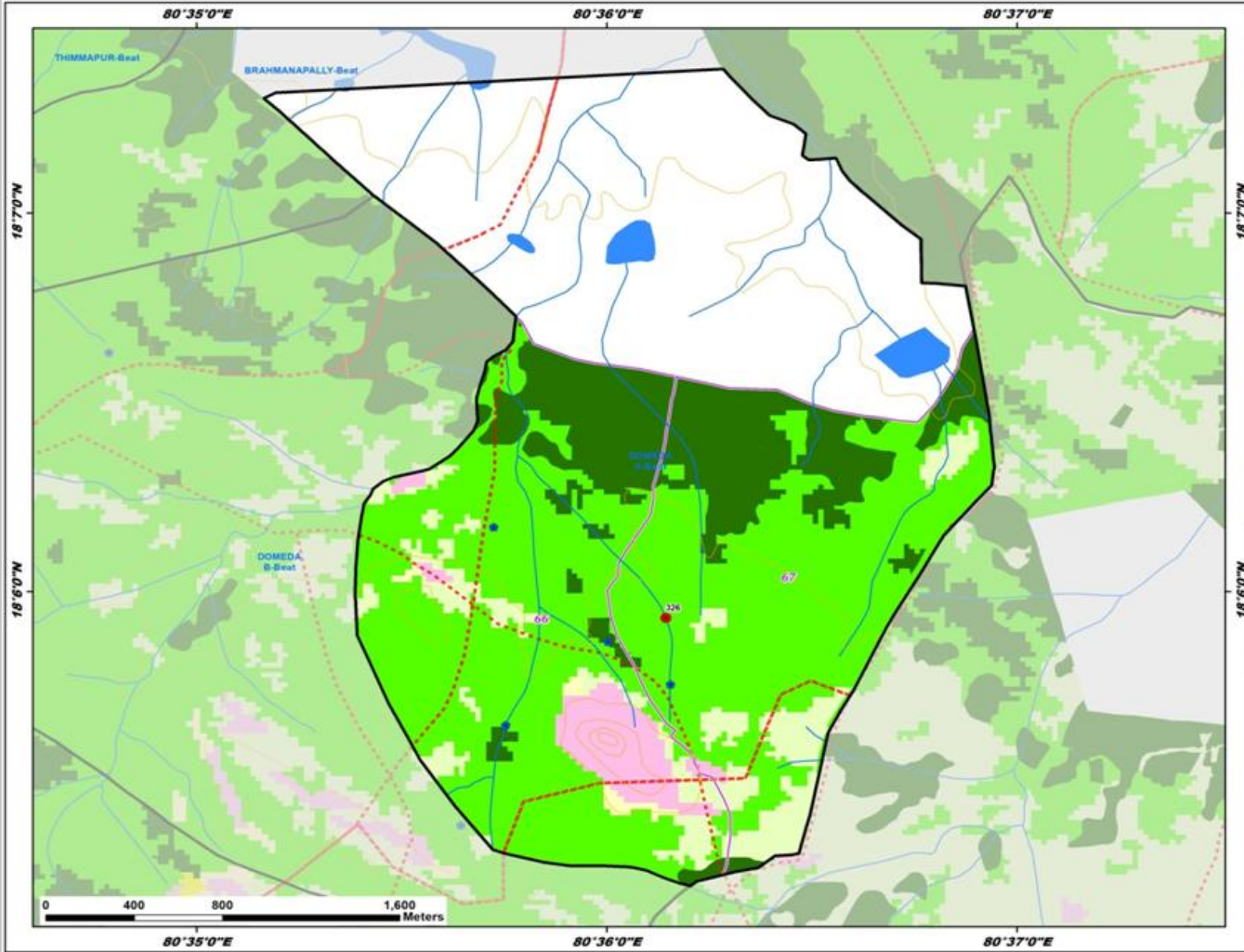
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Domeda A Beat



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
326	18.098838	80.602395	16.89	II

Legend

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

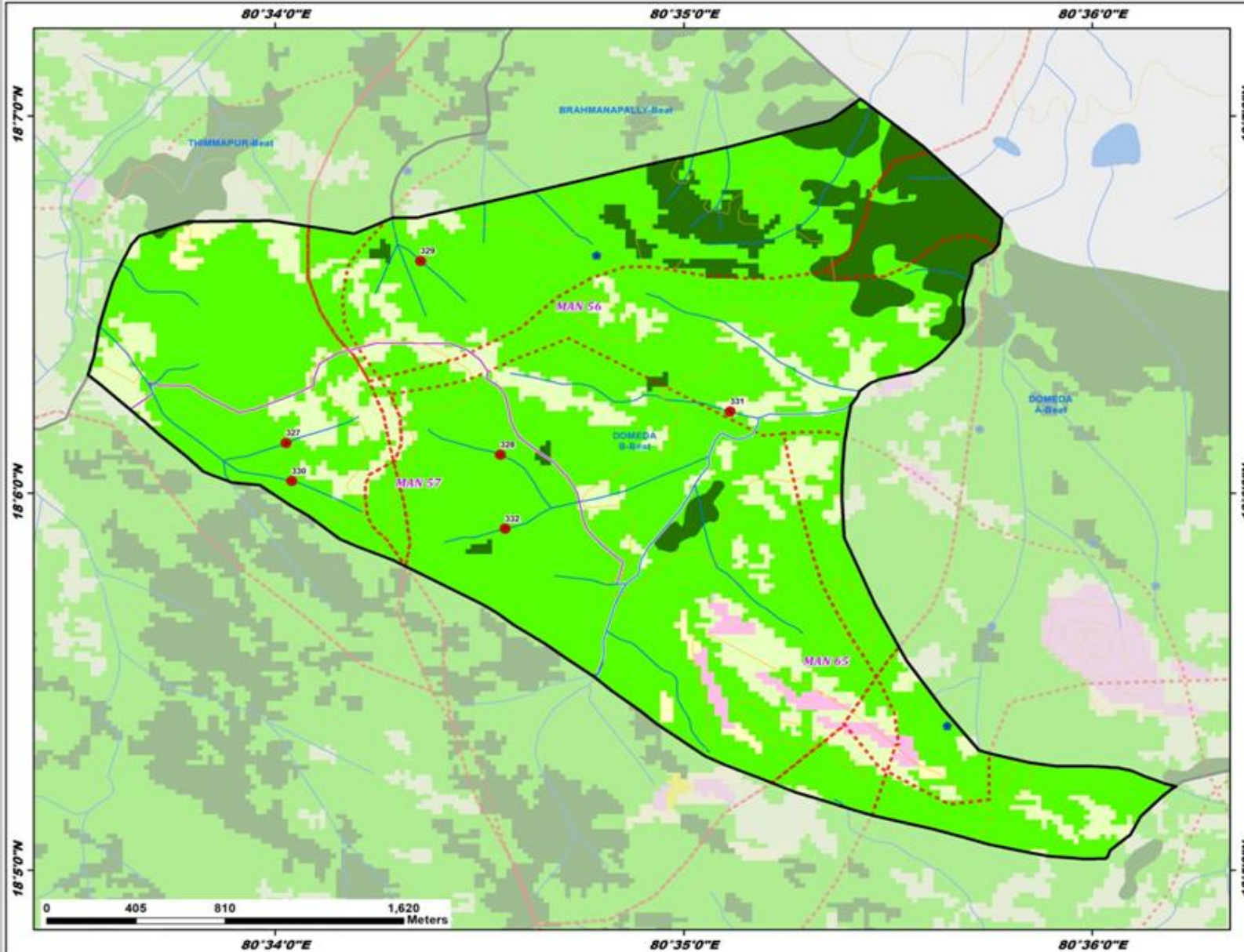
Suitability Index

- 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 Domeda B Beat



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
327	18.102213	80.567101	8.48	II
328	18.101691	80.575847	18.26	II
329	18.110262	80.572591	6.24	II
330	18.100530	80.567329	10.16	II
331	18.103607	80.585220	47.98	III
332	18.098422	80.576038	40.02	III

Legend

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

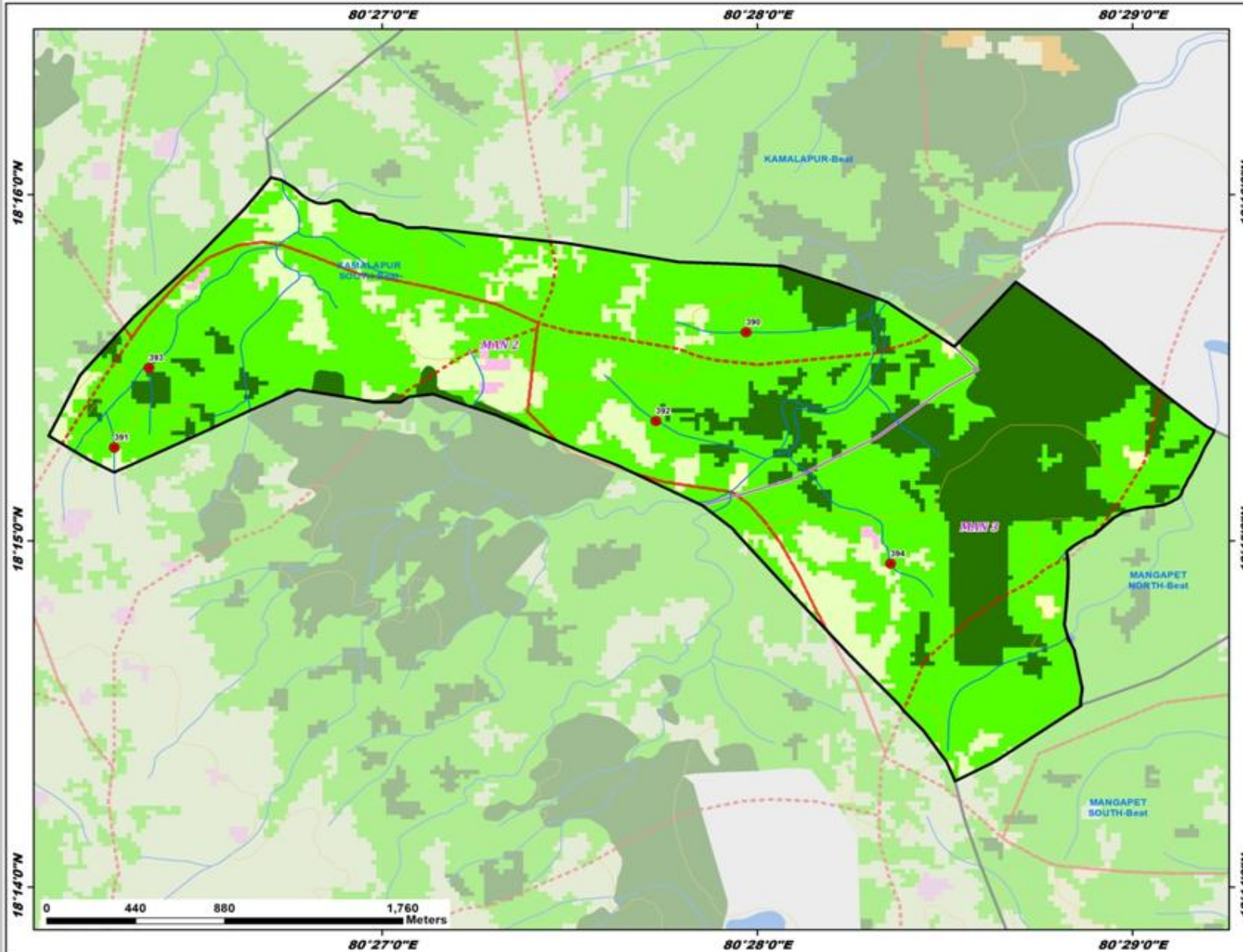
Suitability Index

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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
390	18.260038	80.466165	20.88	II
391	18.254489	80.438083	15.20	II
392	18.255764	80.462152	16.38	II
393	18.258325	80.439625	10.68	II
394	18.248892	80.472577	32.81	III

Legend

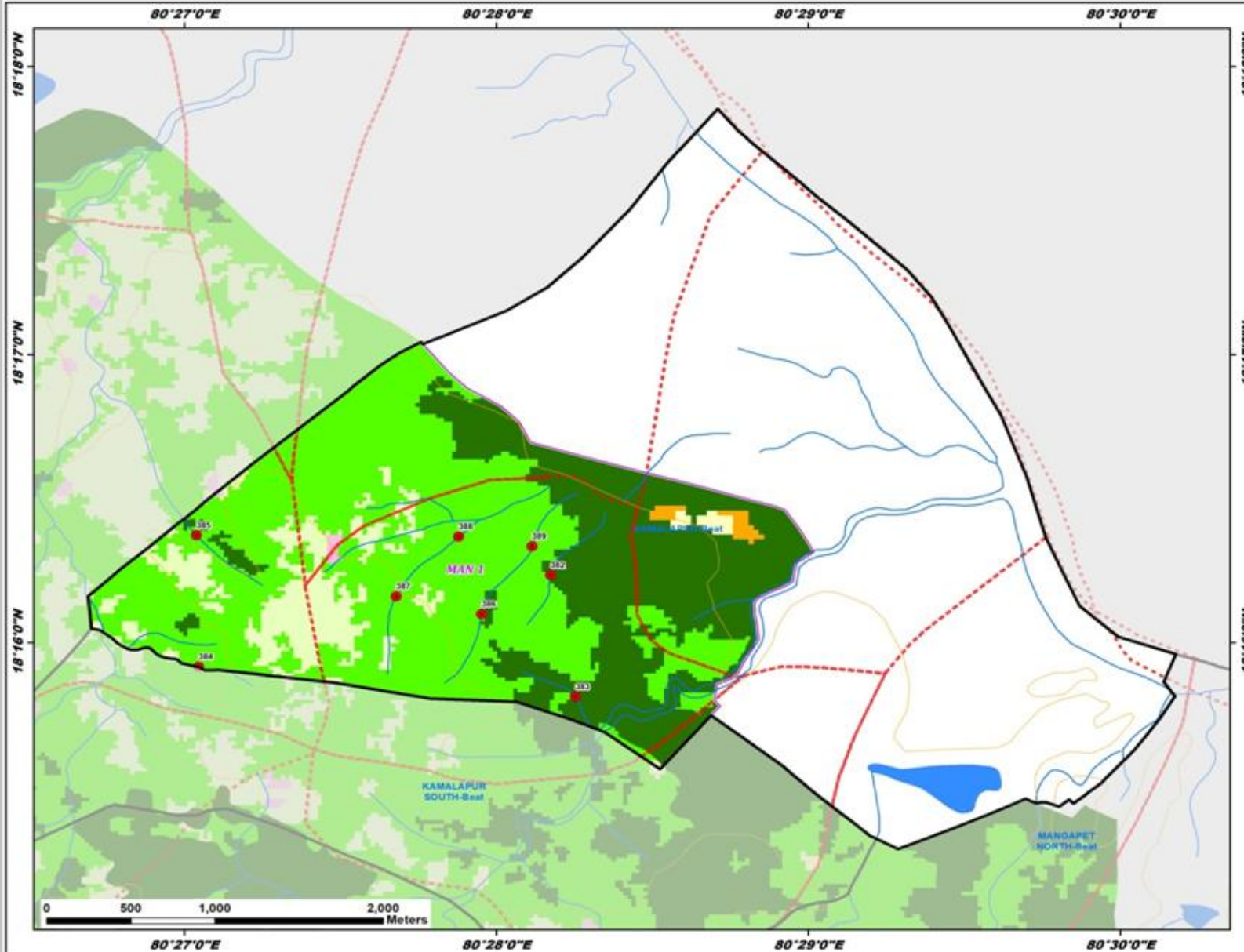
- Proposed PTs
- Existing CD/PTs
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- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
382	18.270578	80.469566	7.03	I
383	18.263535	80.470886	29.40	II
384	18.265272	80.450765	9.26	III
385	18.272877	80.450651	40.23	III
386	18.268319	80.465877	31.46	III
387	18.269337	80.461320	45.99	III
388	18.272797	80.464659	61.52	IV
389	18.272239	80.468573	50.37	IV

Legend

- Proposed PTs
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- Compartment Boundary
- Beat Boundary
- Division Boundary

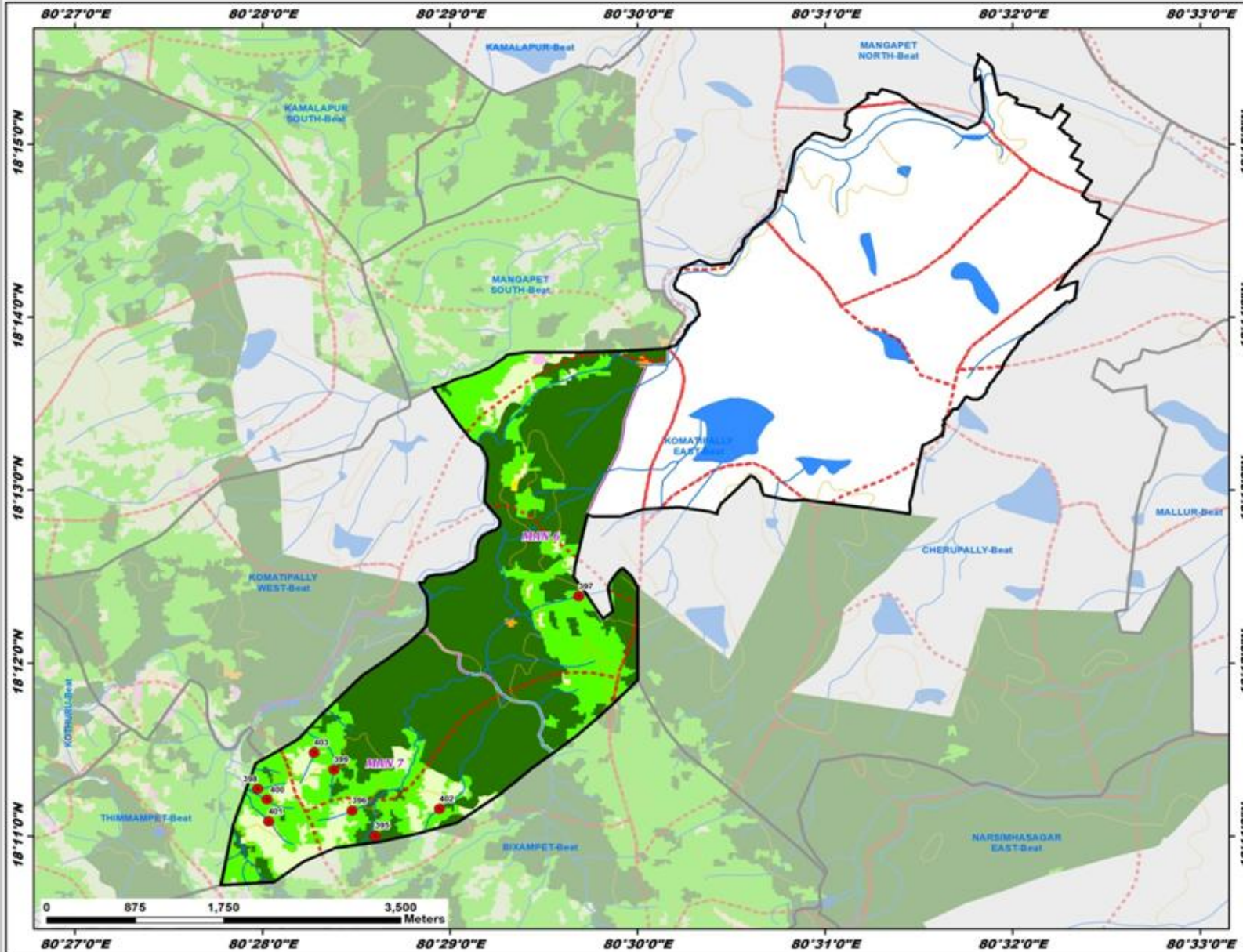
Suitability Index

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- PTs - Highly Suitable
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- PTs - Least Suitable
- MPTs and SGPts - Suitable
- Not Suitable
- Water Body

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
395	18.183391	80.476665	6.82	I
396	18.185813	80.474636	10.81	II
397	18.206444	80.494771	17.97	II
398	18.187890	80.466243	5.56	II
399	18.189740	80.473011	10.27	II
400	18.186876	80.467067	9.47	II
401	18.184751	80.467211	26.99	III
402	18.185965	80.482374	11.20	IV
403	18.191375	80.471255	10.57	IV

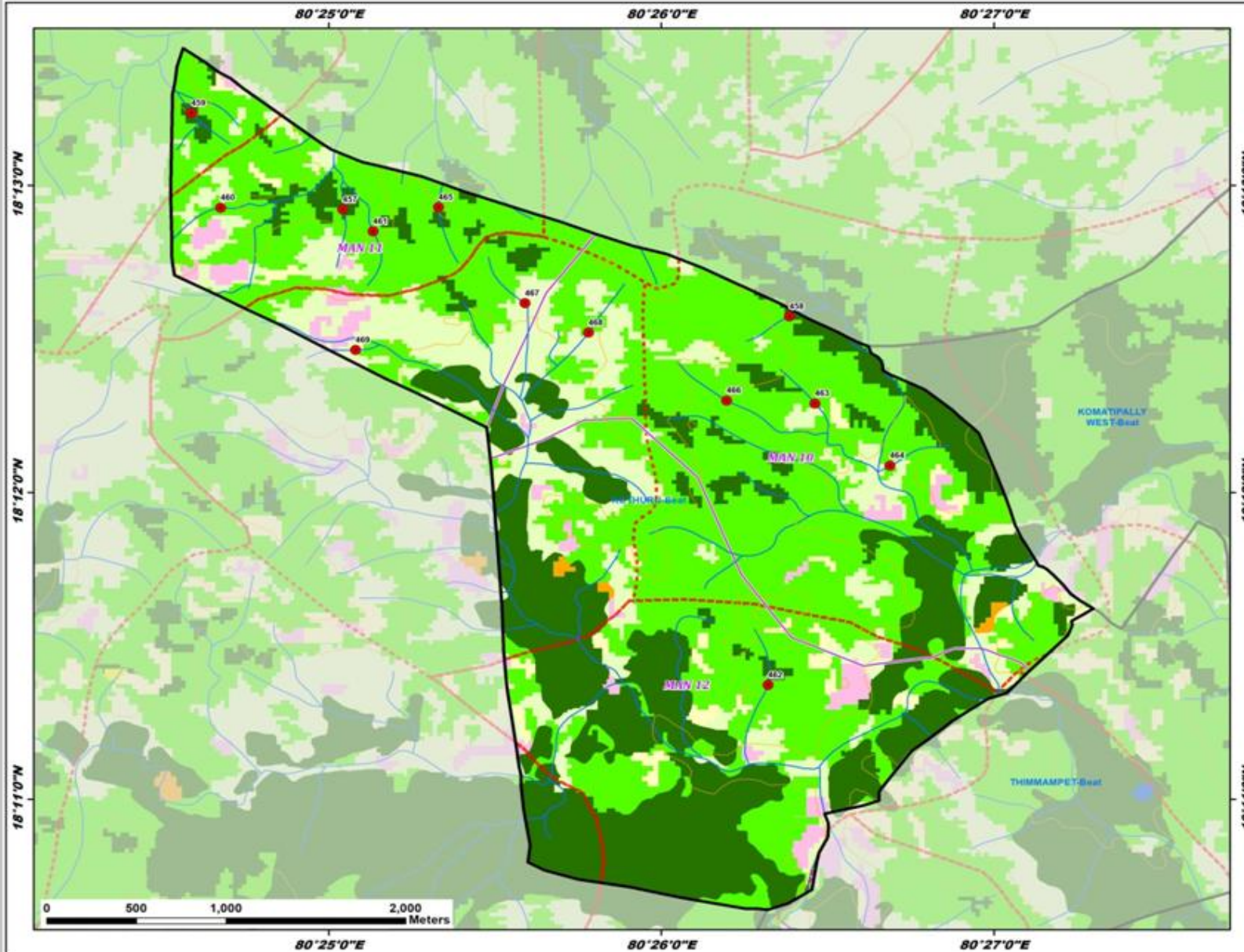
Legend

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 - 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 Kothuru Beat



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
457	18.215359	80.417361	8.22	I
458	18.209554	80.439756	14.31	I
459	18.220605	80.409759	22.63	I
460	18.215466	80.411233	17.49	II
461	18.214184	80.418878	17.59	II
462	18.189532	80.438674	15.12	II
463	18.204830	80.441036	9.03	II
464	18.201455	80.444794	13.54	II
465	18.215486	80.422163	9.47	II
466	18.204990	80.436596	23.31	II
467	18.210282	80.426486	15.58	IV
468	18.208674	80.429680	11.61	IV
469	18.207731	80.418006	6.75	IV

Legend

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- Beat Boundary
- Division Boundary

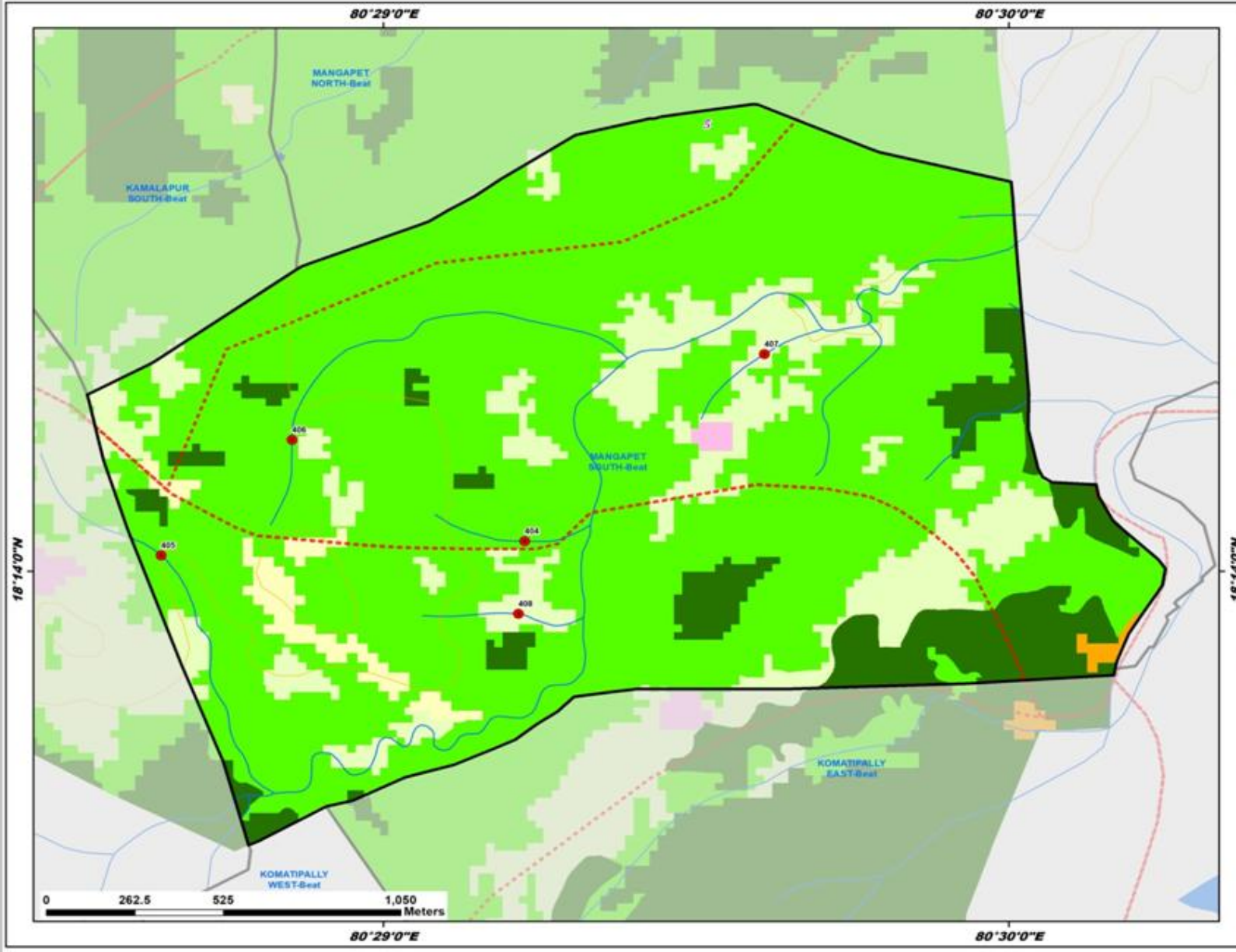
Suitability Index

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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 Mangapet South Beat



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
404	18.234203	80.487095	19.52	II
405	18.233791	80.477406	24.89	II
406	18.237125	80.480897	10.87	II
407	18.239602	80.493479	5.25	IV
408	18.232107	80.486925	15.01	IV

Legend

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- Beat Boundary
- Division Boundary

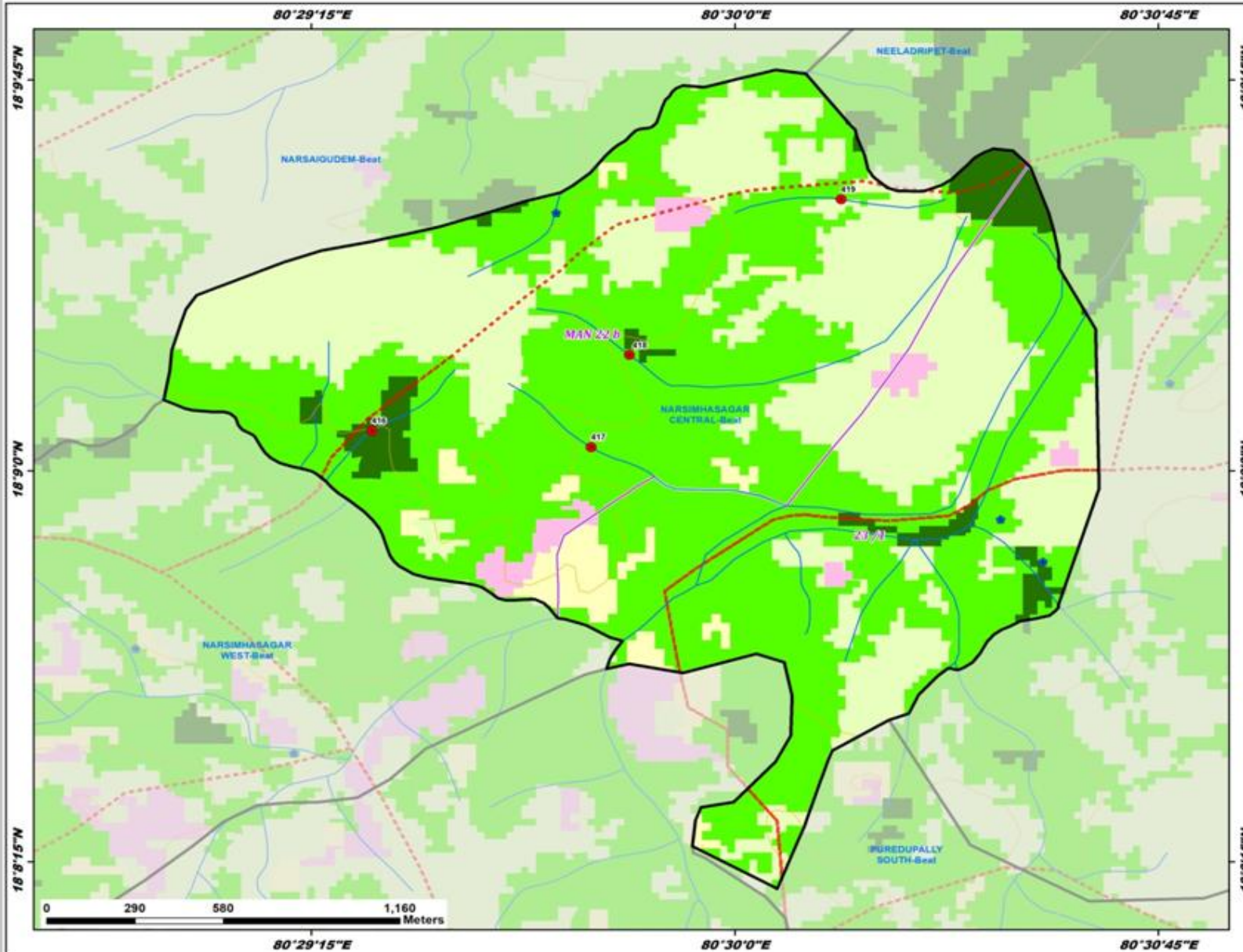
Suitability Index

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- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Suitability index for Construction of SMC Works of Narsimhasagar Central Beat



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
416	18.151278	80.489282	15.69	I
417	18.150755	80.495757	15.64	II
418	18.153703	80.496885	15.49	II
419	18.158679	80.503130	22.94	II

Legend

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- Streams
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- Compartment Boundary
- Beat Boundary
- Division Boundary

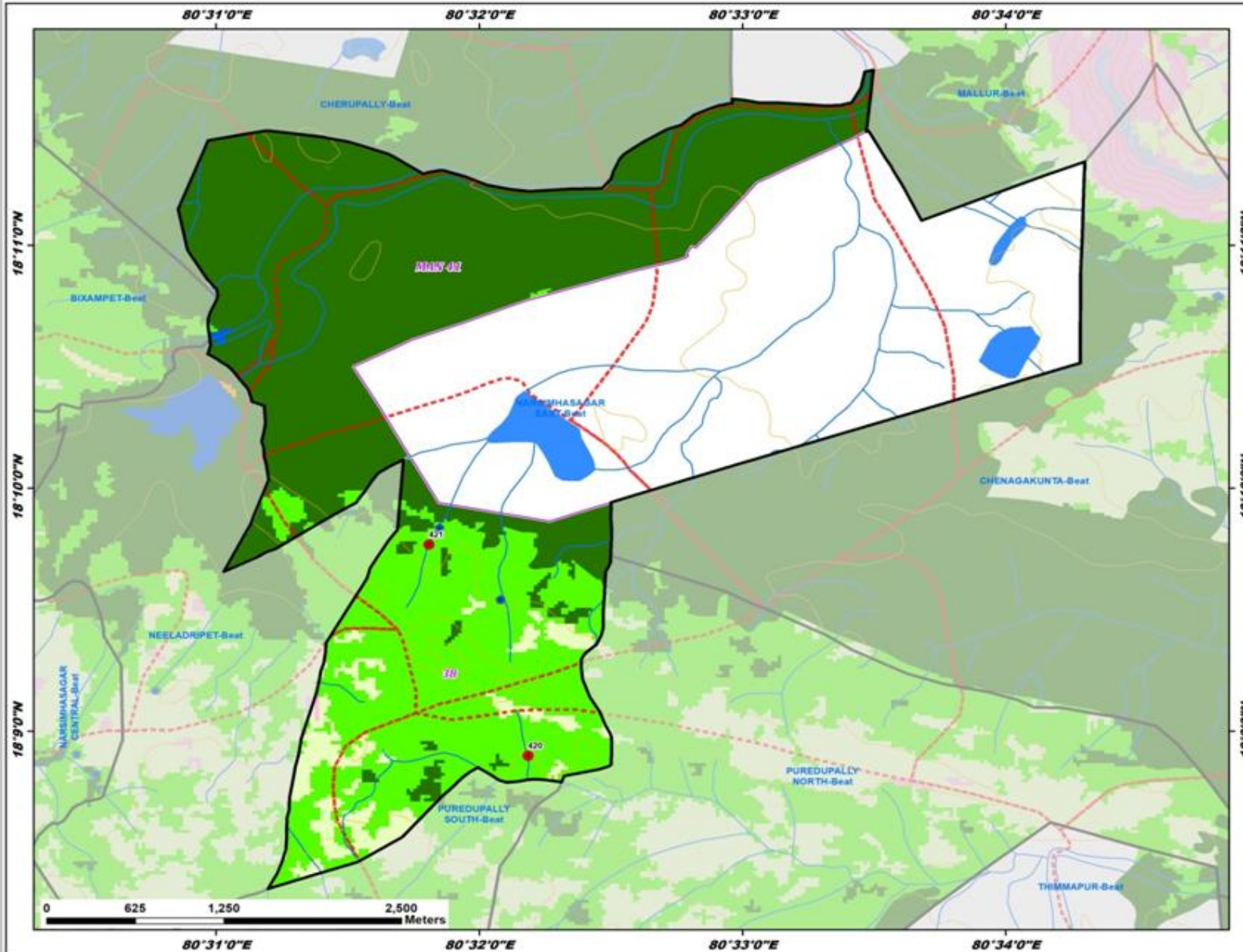
Suitability Index

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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
420	18.148305	80.536407	17.86	II
421	18.162804	80.530146	42.13	III

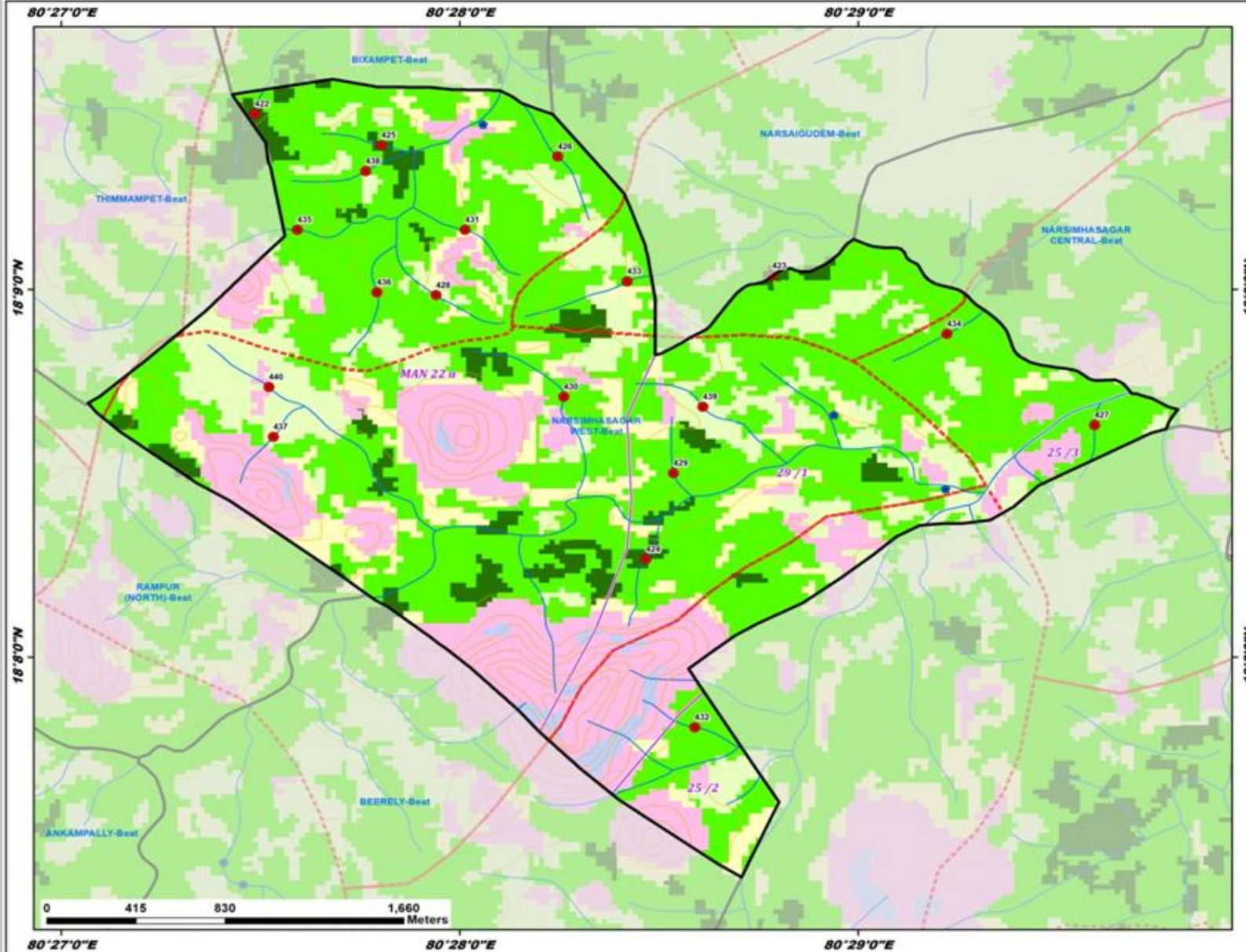
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- Proposed PTs
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 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
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 - Not Suitable
 -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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
422	18.157952	80.458094	12.35	I
423	18.150613	80.479732	19.07	I
424	18.137767	80.474447	12.37	I
425	18.156530	80.463375	14.76	I
426	18.156020	80.470759	19.77	II
427	18.143854	80.493212	6.39	II
428	18.149739	80.465662	9.84	II
429	18.141666	80.475604	9.94	II
430	18.145134	80.471007	21.14	II
431	18.152696	80.466880	10.29	II
432	18.130153	80.476498	8.82	II
433	18.150356	80.473665	17.79	II
434	18.147977	80.487037	10.45	II
435	18.152701	80.459868	12.09	II
436	18.149868	80.463193	31.19	III
437	18.143312	80.458868	6.44	IV
438	18.155362	80.462731	8.43	IV
439	18.144679	80.476833	15.45	IV
440	18.145575	80.458678	29.09	V

Legend

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

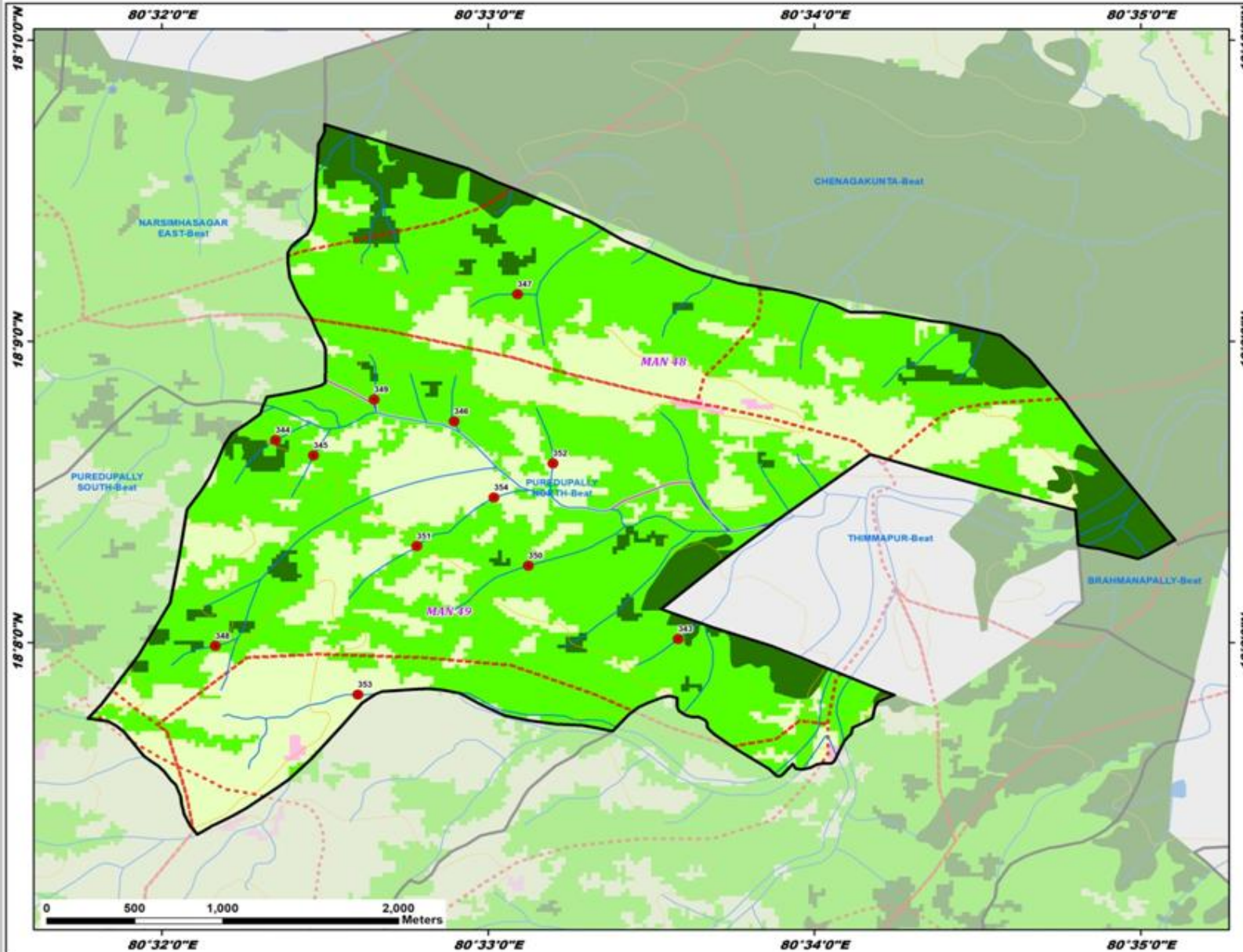
Suitability Index

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

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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
343	18.133534	80.559706	15.63	II
344	18.144533	80.539140	11.87	II
345	18.143685	80.541081	16.19	II
346	18.145582	80.548253	11.92	II
347	18.152619	80.551491	16.16	II
348	18.133144	80.536062	14.97	II
349	18.146782	80.544170	12.73	II
350	18.137589	80.552058	37.26	III
351	18.138665	80.546350	25.41	III
352	18.143247	80.553307	24.07	IV
353	18.130455	80.543340	41.53	V
354	18.141359	80.550291	48.27	V

Legend

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

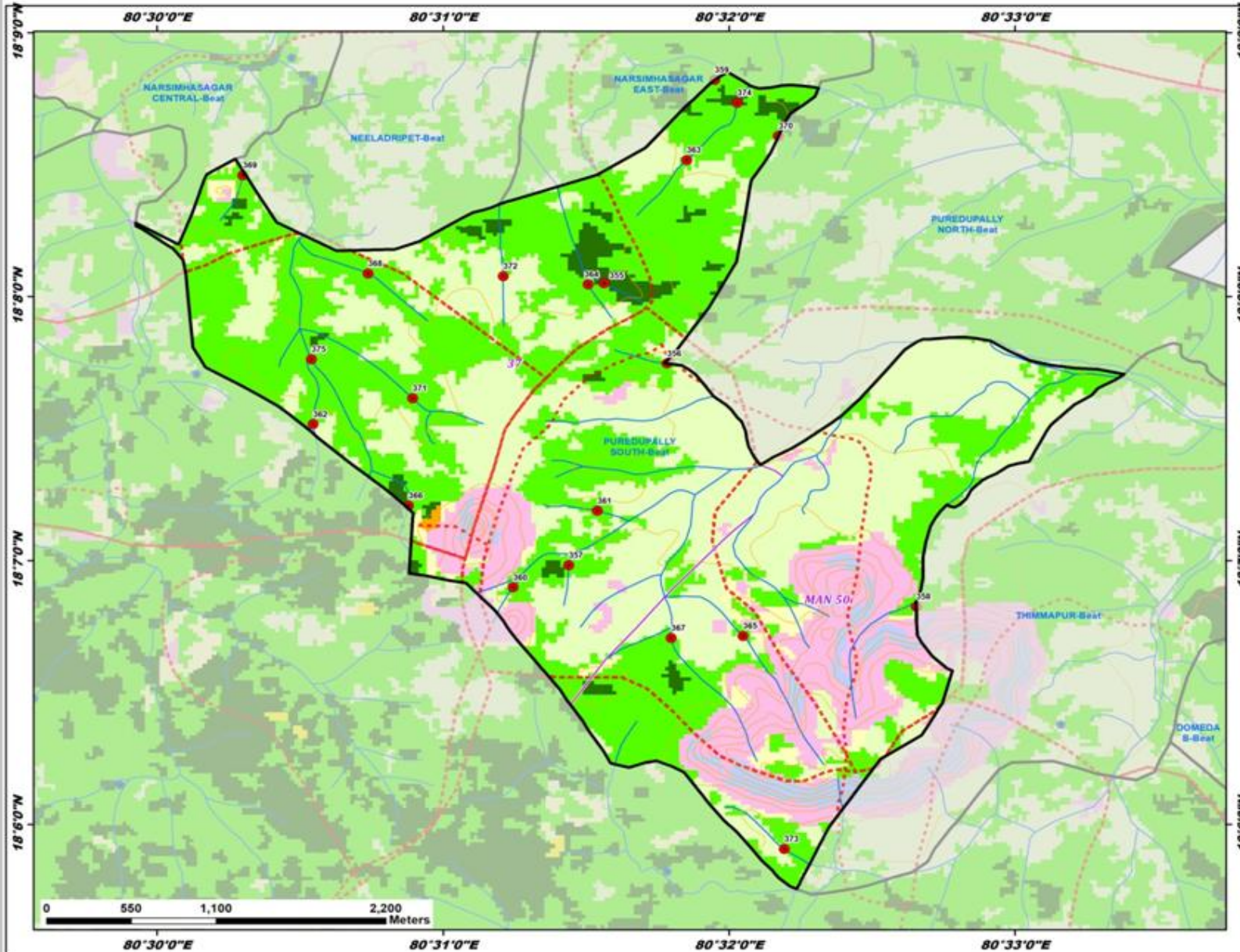
Suitability Index

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

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



Division : Tadvai
Range : Mangapet



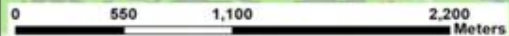
ID	Latitude	Longitude	Catchment Area_Ha	Priority
355	18.134166	80.526032	11.53	I
356	18.129110	80.529713	18.15	II
357	18.116368	80.523989	13.24	II
358	18.113757	80.544234	15.76	II
359	18.147014	80.532486	18.45	II
360	18.114967	80.520734	7.21	II
361	18.119804	80.525656	17.79	II
362	18.125271	80.509084	17.13	II
363	18.141961	80.530858	19.75	II
364	18.134108	80.525113	5.20	II
365	18.111897	80.534146	34.05	III
366	18.120132	80.514643	46.24	III
367	18.111766	80.529956	41.85	III
368	18.134792	80.512297	36.90	III
369	18.141002	80.504991	26.41	III
370	18.143475	80.536206	52.87	IV
371	18.126913	80.514878	63.15	IV
372	18.134621	80.520161	24.98	IV
373	18.098446	80.536547	32.90	V
374	18.145577	80.533802	36.80	II
375	18.129381	80.508986	90.05	IV

Legend

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

Suitability Index

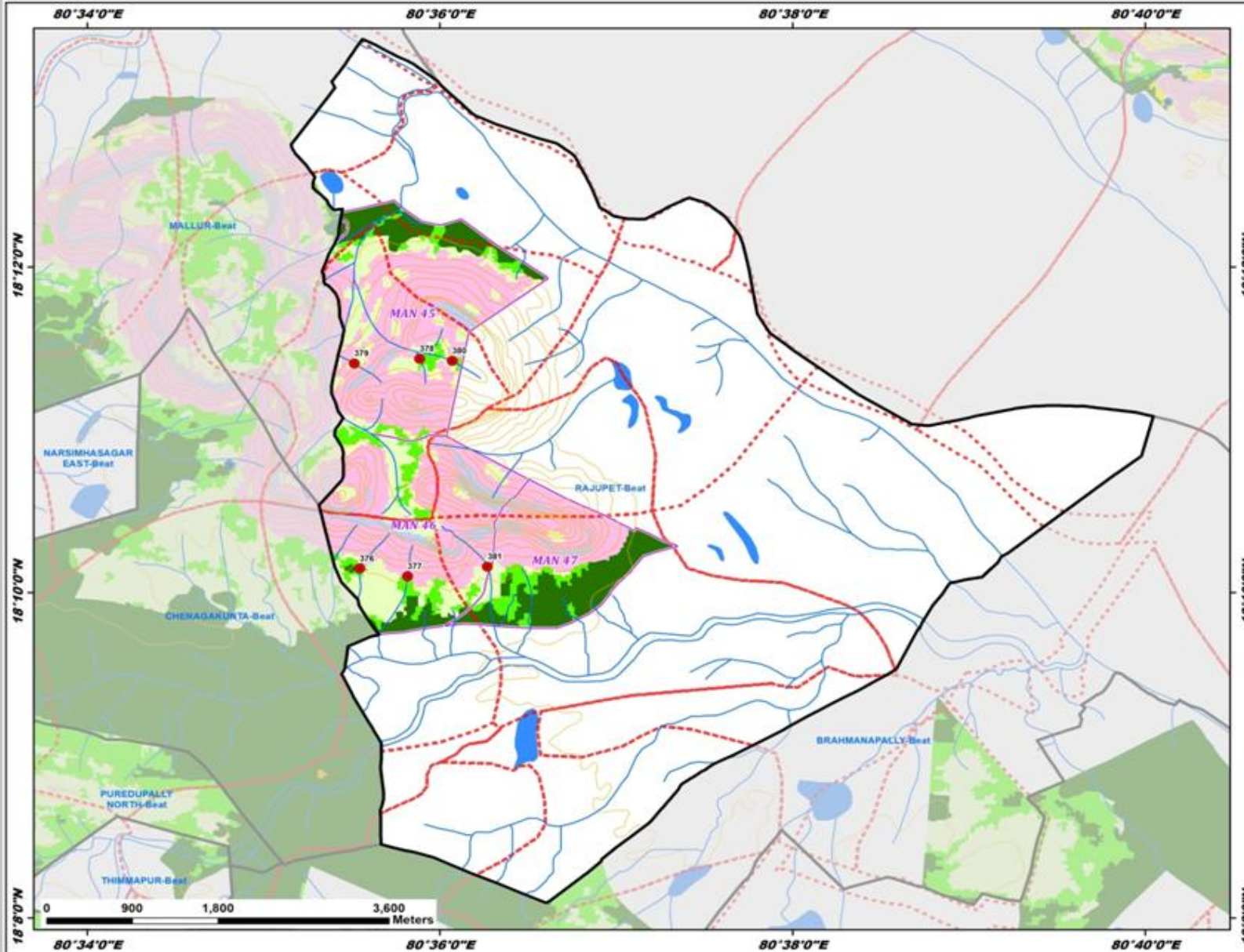
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
376	18.169126	80.592426	20.95	II
377	18.168325	80.596923	11.54	II
378	18.190601	80.598088	16.02	IV
379	18.190131	80.591908	9.62	IV
380	18.190398	80.601157	37.72	V
381	18.169318	80.604491	39.67	V

Legend

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

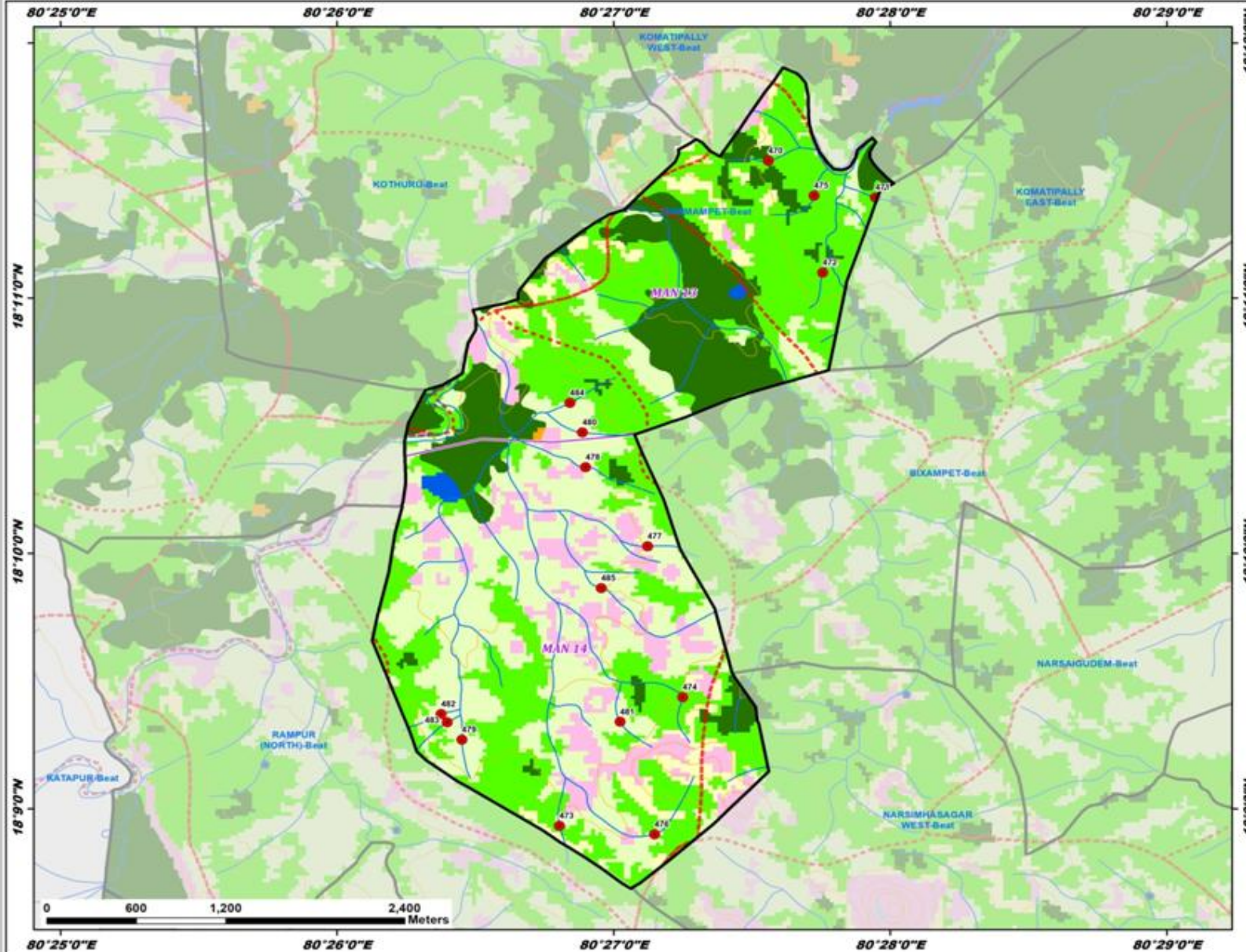
Suitability Index

- 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 Thimmampet Beat



Division : Tadvai
Range : Mangapet



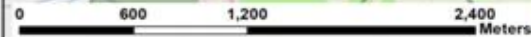
ID	Latitude	Longitude	Catchment Area_Ha	Priority
470	18.192307	80.459319	15.32	I
471	18.189909	80.465766	6.70	II
472	18.184998	80.462587	10.05	II
473	18.148871	80.446719	6.21	II
474	18.157275	80.454160	11.11	II
475	18.190029	80.462071	17.78	II
476	18.148318	80.452460	23.76	IV
477	18.167132	80.452036	20.75	IV
478	18.172296	80.448305	21.84	IV
479	18.154498	80.448855	17.29	IV
480	18.174557	80.448103	12.74	IV
481	18.155665	80.450386	7.49	IV
482	18.156166	80.439594	7.23	IV
483	18.155639	80.439972	7.05	IV
484	18.176491	80.447358	13.49	IV
485	18.164402	80.449248	30.10	V

Legend

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

Suitability Index

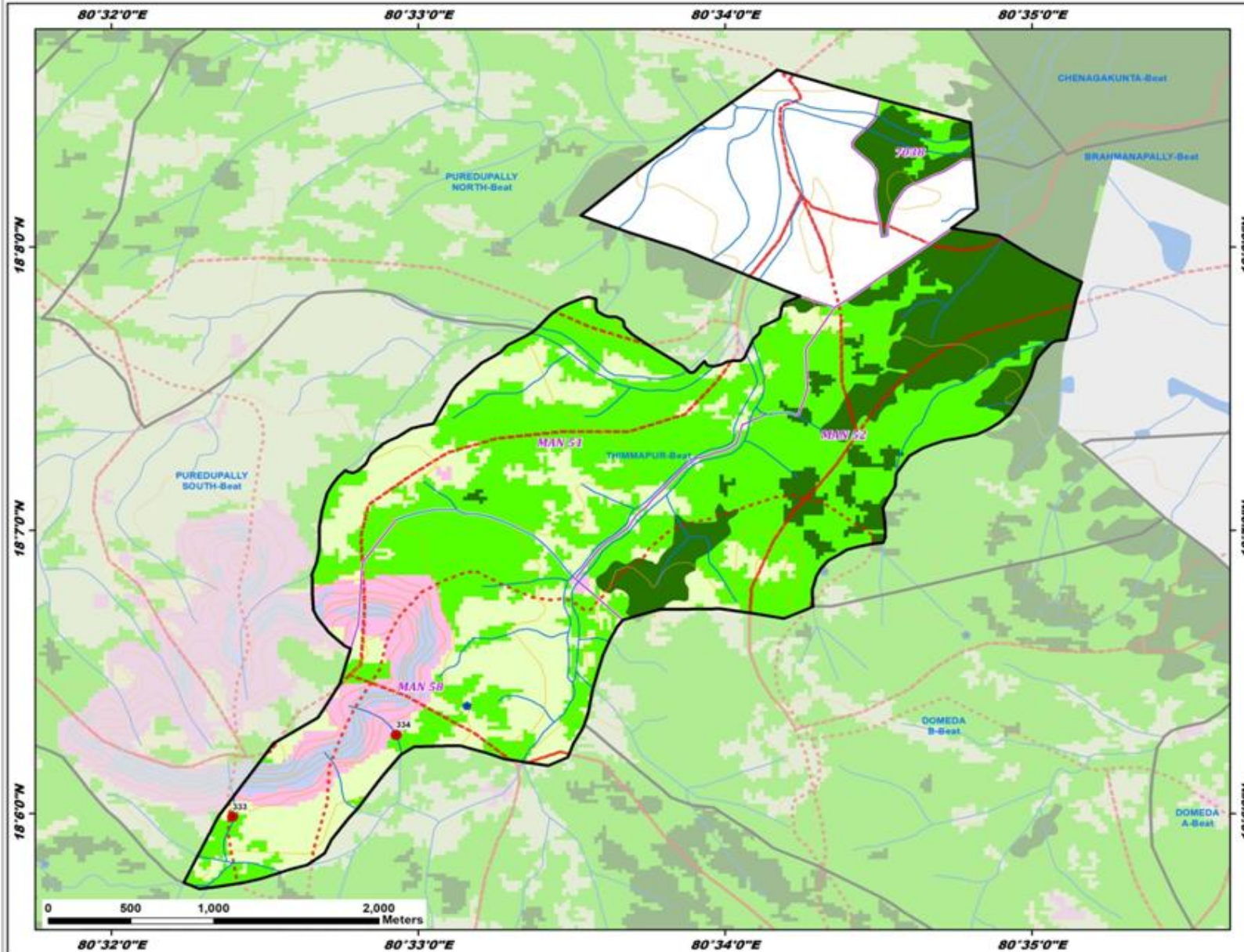
- Orange: CCTs/SCTs - Highly Suitable
- Yellow: CCTs/SCTs - Moderately Suitable
- Light Green: CCTs/SCTs - Least Suitable
- Dark Green: PTs - Highly Suitable
- Light Green: PTs - Moderately Suitable
- Light Green: PTs - Least Suitable
- Pink: MPTs and SGPs - Suitable
- Light Blue: Not Suitable
- Blue: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



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



Division : Tadvai
Range : Mangapet



ID	Latitude	Longitude	Catchment Area_Ha	Priority
333	18.099798	80.539925	7.23	II
334	18.104617	80.548794	20.40	II

Legend

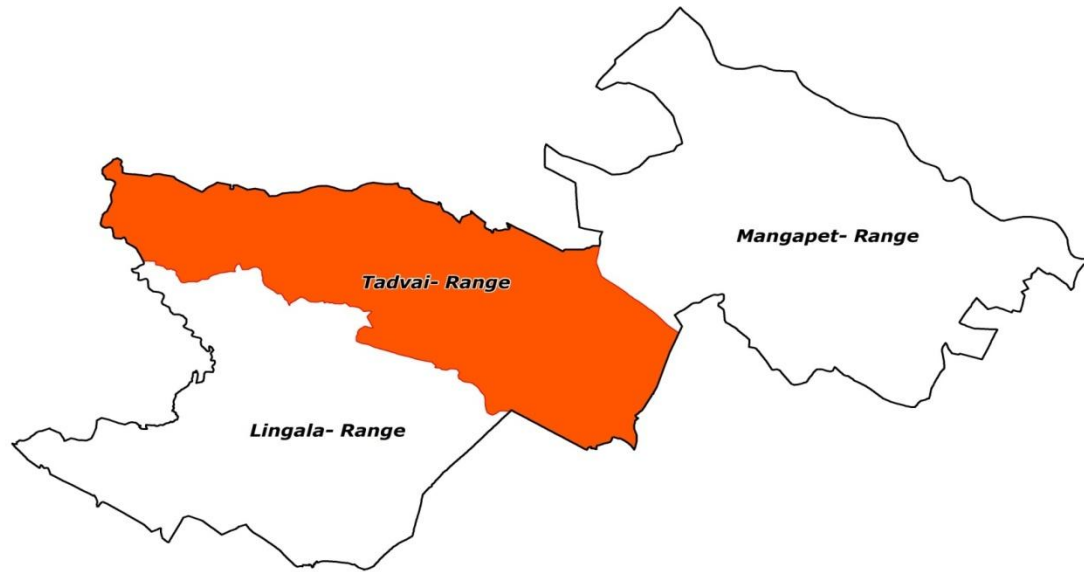
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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

Map Showing Tadvai Range in Tadvai Division



18°24'0"N
18°16'0"N
18°8'0"N
18°0'0"N
17°52'0"N

80°8'0"E 80°16'0"E 80°24'0"E 80°32'0"E 80°40'0"E



18°24'0"N
18°16'0"N
18°8'0"N
18°0'0"N
17°52'0"N

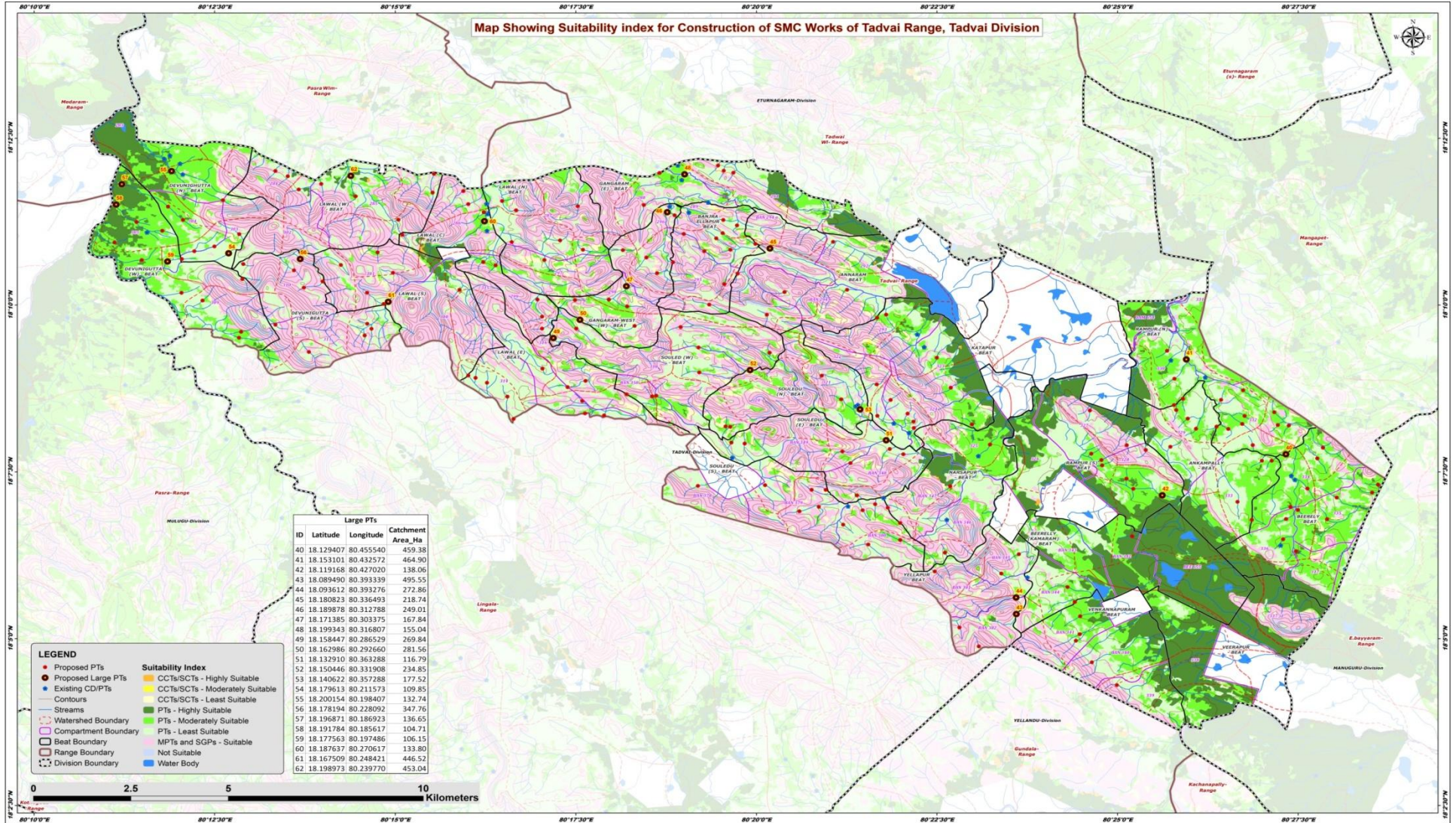


80°8'0"E 80°16'0"E 80°24'0"E 80°32'0"E 80°40'0"E

Legend

-  Division Boundary
-  Range Boundary

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

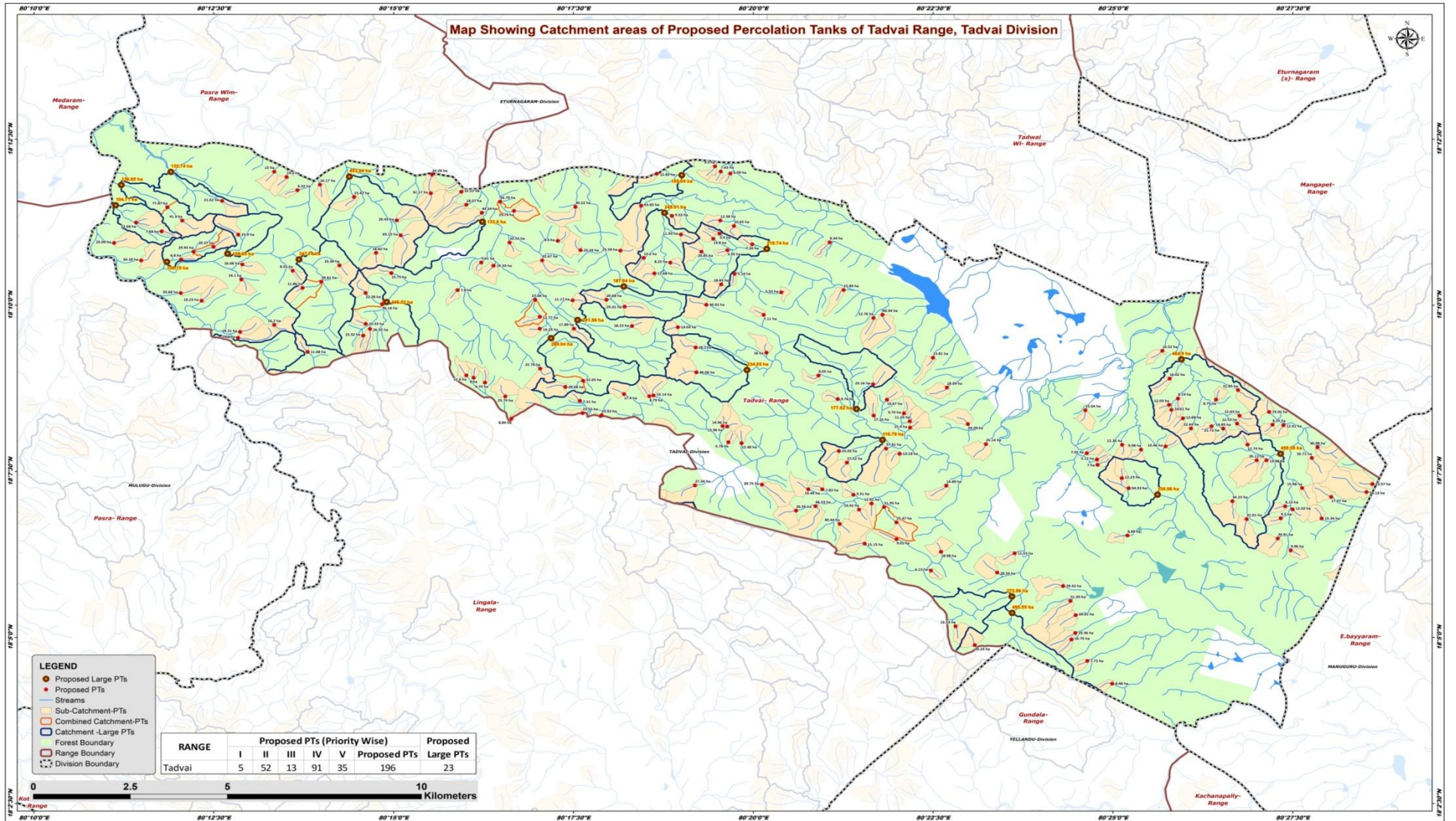


Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
40	18.129407	80.455540	459.38
41	18.153101	80.432572	464.90
42	18.119168	80.427020	138.06
43	18.089490	80.393339	495.55
44	18.093612	80.393276	272.86
45	18.180823	80.336493	218.74
46	18.189878	80.312788	249.01
47	18.171385	80.303375	167.84
48	18.199343	80.316807	155.04
49	18.158447	80.286529	269.84
50	18.162986	80.292660	281.56
51	18.132910	80.363288	116.79
52	18.150446	80.331908	234.85
53	18.140622	80.357288	177.52
54	18.179613	80.211573	109.85
55	18.200154	80.198407	132.74
56	18.178194	80.228092	347.76
57	18.196871	80.186923	136.65
58	18.191784	80.185617	104.71
59	18.177563	80.197486	106.15
60	18.187637	80.270617	133.80
61	18.167509	80.248421	446.52
62	18.198973	80.239770	453.04

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



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



Beat wise Abstract of Proposed PT's – Tadvai Range

S. No.	Beat	Proposed PT's
1	ANKAMPALLY	9
2	ANNARAM	5
3	BANJRA ELLAPUR	11
4	BEERELLY (KAMARAM)	2
5	BEERELY	13
6	DEVUNIGHUTTA NORTH	7
7	DEVUNIGUTTA SOUTH	9
8	DEVUNIGUTTA WEST	9
9	GANGARAM (EAST)	5
10	GANGARAM-WEST	8
11	KATAPUR	11
12	LAWAL (NORTH)	7
13	LAWAL (SOUTH)	6
14	LAWAL (WEST)	8
15	LAWAL CENTRAL	9
16	LAWAL(EAST)	12
17	NARSAPUR	5
18	RAMPUR (NORTH)	12
19	RAMPUR (SOUTH)	8
20	SOULED WEST	7
21	SOULEDU (NORTH)	4
22	SOULEDU (SOUTH)	11
23	SOULEDU EAST	7
24	VENKANNAPURAM	6
25	YELLAPUR	5
	Total	196

List of Proposed PTs – Tadvai 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
486	18.135781	80.434800	22.64	II	ANKAMPALLY	526	18.120787	80.420318	34.31	III	RAMPUR (SOUTH)	566	18.200262	80.325838	7.63	IV	GANGARAM (EAST)
487	18.127790	80.452261	13.98	II	ANKAMPALLY	527	18.130482	80.423207	9.98	IV	RAMPUR (SOUTH)	567	18.201541	80.324500	9.50	IV	GANGARAM (EAST)
488	18.143303	80.431753	8.19	II	ANKAMPALLY	528	18.140334	80.410303	15.04	IV	RAMPUR (SOUTH)	568	18.199745	80.328038	6.09	IV	GANGARAM (EAST)
489	18.141713	80.429699	12.03	II	ANKAMPALLY	529	18.131688	80.418804	12.36	IV	RAMPUR (SOUTH)	569	18.191675	80.307377	63.83	V	GANGARAM (EAST)
490	18.140441	80.430248	16.61	II	ANKAMPALLY	530	18.088938	80.408069	29.01	III	VENKANNAPURAM	570	18.136873	80.383062	20.09	II	KATAPUR
491	18.138311	80.432917	12.68	IV	ANKAMPALLY	531	18.084469	80.407981	19.36	IV	VENKANNAPURAM	571	18.163492	80.361228	12.76	II	KATAPUR
492	18.131289	80.428895	10.46	IV	ANKAMPALLY	532	18.077440	80.410760	7.73	IV	VENKANNAPURAM	572	18.153536	80.375005	13.81	II	KATAPUR
493	18.117542	80.444372	34.23	V	ANKAMPALLY	533	18.071755	80.416514	8.48	IV	VENKANNAPURAM	573	18.137563	80.369619	11.24	IV	KATAPUR
494	18.127791	80.449990	35.11	V	ANKAMPALLY	534	18.082833	80.407092	10.75	IV	VENKANNAPURAM	574	18.146044	80.378231	18.09	IV	KATAPUR
495	18.108910	80.420052	8.89	I	BEERELLY (KAMARAM)	535	18.092498	80.406853	51.05	V	VENKANNAPURAM	575	18.142985	80.364328	13.67	IV	KATAPUR
496	18.096238	80.405144	29.42	V	BEERELLY (KAMARAM)	536	18.099613	80.389862	28.54	III	YELLAPUR	576	18.139570	80.368258	9.74	IV	KATAPUR
497	18.116252	80.456595	8.13	I	BEERELY	537	18.100133	80.374507	6.13	IV	YELLAPUR	577	18.139012	80.361265	17.16	IV	KATAPUR
498	18.105202	80.457881	9.96	I	BEERELY	538	18.081421	80.384669	20.24	IV	YELLAPUR	578	18.146872	80.361134	23.16	IV	KATAPUR
499	18.121814	80.476809	23.57	I	BEERELY	539	18.104433	80.393916	11.53	IV	YELLAPUR	579	18.135977	80.369704	15.40	IV	KATAPUR
500	18.113247	80.455574	9.50	II	BEERELY	540	18.086144	80.380208	15.33	IV	YELLAPUR	580	18.164306	80.363299	40.94	V	KATAPUR
501	18.113196	80.465045	15.34	II	BEERELY	541	18.169910	80.339852	5.53	IV	ANNARAM	581	18.121425	80.378096	14.89	I	NARSAPUR
502	18.120821	80.460510	15.98	II	BEERELY	542	18.182483	80.351069	8.34	IV	ANNARAM	582	18.104817	80.376857	18.98	II	NARSAPUR
503	18.115470	80.458317	12.02	II	BEERELY	543	18.170501	80.354282	15.89	IV	ANNARAM	583	18.112228	80.366527	25.47	III	NARSAPUR
504	18.108166	80.454898	29.91	III	BEERELY	544	18.164276	80.335764	7.11	IV	ANNARAM	584	18.131852	80.387255	25.14	III	NARSAPUR
505	18.113035	80.447680	31.01	III	BEERELY	545	18.174565	80.329020	5.14	IV	ANNARAM	585	18.116051	80.363678	51.95	V	NARSAPUR
506	18.118598	80.467267	17.07	IV	BEERELY	546	18.171917	80.325926	18.65	II	BANJRA ELLAPUR	586	18.143855	80.309292	8.79	II	SOULED WEST
507	18.119808	80.475437	58.13	IV	BEERELY	547	18.186575	80.328900	10.65	IV	BANJRA ELLAPUR	587	18.160806	80.291800	17.89	II	SOULED WEST
508	18.131037	80.464080	30.98	V	BEERELY	548	18.184436	80.316599	11.93	IV	BANJRA ELLAPUR	588	18.154776	80.336400	16.00	II	SOULED WEST
509	18.128382	80.462776	35.71	V	BEERELY	549	18.183345	80.324088	13.80	IV	BANJRA ELLAPUR	589	18.144057	80.310237	23.14	II	SOULED WEST
510	18.145393	80.445680	21.85	II	RAMPUR (NORTH)	550	18.181962	80.333144	7.26	IV	BANJRA ELLAPUR	590	18.161194	80.315880	13.03	IV	SOULED WEST
511	18.136317	80.439549	21.72	II	RAMPUR (NORTH)	551	18.177376	80.314122	8.25	IV	BANJRA ELLAPUR	591	18.156103	80.320006	28.20	V	SOULED WEST
512	18.136988	80.445470	12.53	II	RAMPUR (NORTH)	552	18.180127	80.321357	20.85	IV	BANJRA ELLAPUR	592	18.149852	80.320171	46.06	V	SOULED WEST
513	18.135738	80.442242	14.85	II	RAMPUR (NORTH)	553	18.187944	80.325717	12.38	IV	BANJRA ELLAPUR	593	18.136359	80.326263	13.96	II	SOULEDU (NORTH)
514	18.136728	80.453669	8.35	II	RAMPUR (NORTH)	554	18.184661	80.325562	5.40	IV	BANJRA ELLAPUR	594	18.136275	80.327309	14.96	II	SOULEDU (NORTH)
515	18.155256	80.428129	10.52	II	RAMPUR (NORTH)	555	18.180494	80.327388	5.35	IV	BANJRA ELLAPUR	595	18.143145	80.352935	9.76	IV	SOULEDU (NORTH)
516	18.138996	80.446026	12.43	II	RAMPUR (NORTH)	556	18.166807	80.322477	30.02	V	BANJRA ELLAPUR	596	18.149055	80.348465	9.05	IV	SOULEDU (NORTH)
517	18.136585	80.456210	12.61	II	RAMPUR (NORTH)	557	18.178568	80.307977	13.20	II	GANGARAM-WEST	597	18.107978	80.366554	9.01	II	SOULEDU (SOUTH)
518	18.131715	80.447875	12.74	IV	RAMPUR (NORTH)	558	18.189100	80.314494	9.33	II	GANGARAM-WEST	598	18.106874	80.359158	15.15	IV	SOULEDU (SOUTH)
519	18.143002	80.440588	8.75	IV	RAMPUR (NORTH)	559	18.167919	80.291502	11.17	II	GANGARAM-WEST	599	18.116946	80.360754	12.92	IV	SOULEDU (SOUTH)
520	18.148277	80.429810	16.02	IV	RAMPUR (NORTH)	560	18.174666	80.310450	17.68	II	GANGARAM-WEST	600	18.115425	80.357870	19.02	IV	SOULEDU (SOUTH)
521	18.139924	80.452865	19.02	IV	RAMPUR (NORTH)	561	18.166331	80.303544	25.01	III	GANGARAM-WEST	601	18.120520	80.346110	19.49	IV	SOULEDU (SOUTH)
522	18.127980	80.412962	5.12	II	RAMPUR (SOUTH)	562	18.168057	80.299350	20.68	IV	GANGARAM-WEST	602	18.120516	80.349355	7.83	IV	SOULEDU (SOUTH)
523	18.126653	80.413138	7.00	II	RAMPUR (SOUTH)	563	18.161482	80.305250	18.23	IV	GANGARAM-WEST	603	18.116275	80.347774	46.53	V	SOULEDU (SOUTH)
524	18.129548	80.410624	7.02	II	RAMPUR (SOUTH)	564	18.180393	80.302568	25.59	V	GANGARAM-WEST	604	18.115156	80.343284	26.56	V	SOULEDU (SOUTH)
525	18.123309	80.418747	12.23	II	RAMPUR (SOUTH)	565	18.199685	80.311021	12.83	II	GANGARAM (EAST)	605	18.121697	80.335376	29.75	V	SOULEDU (SOUTH)

List of Proposed PTs – Tadvai Range

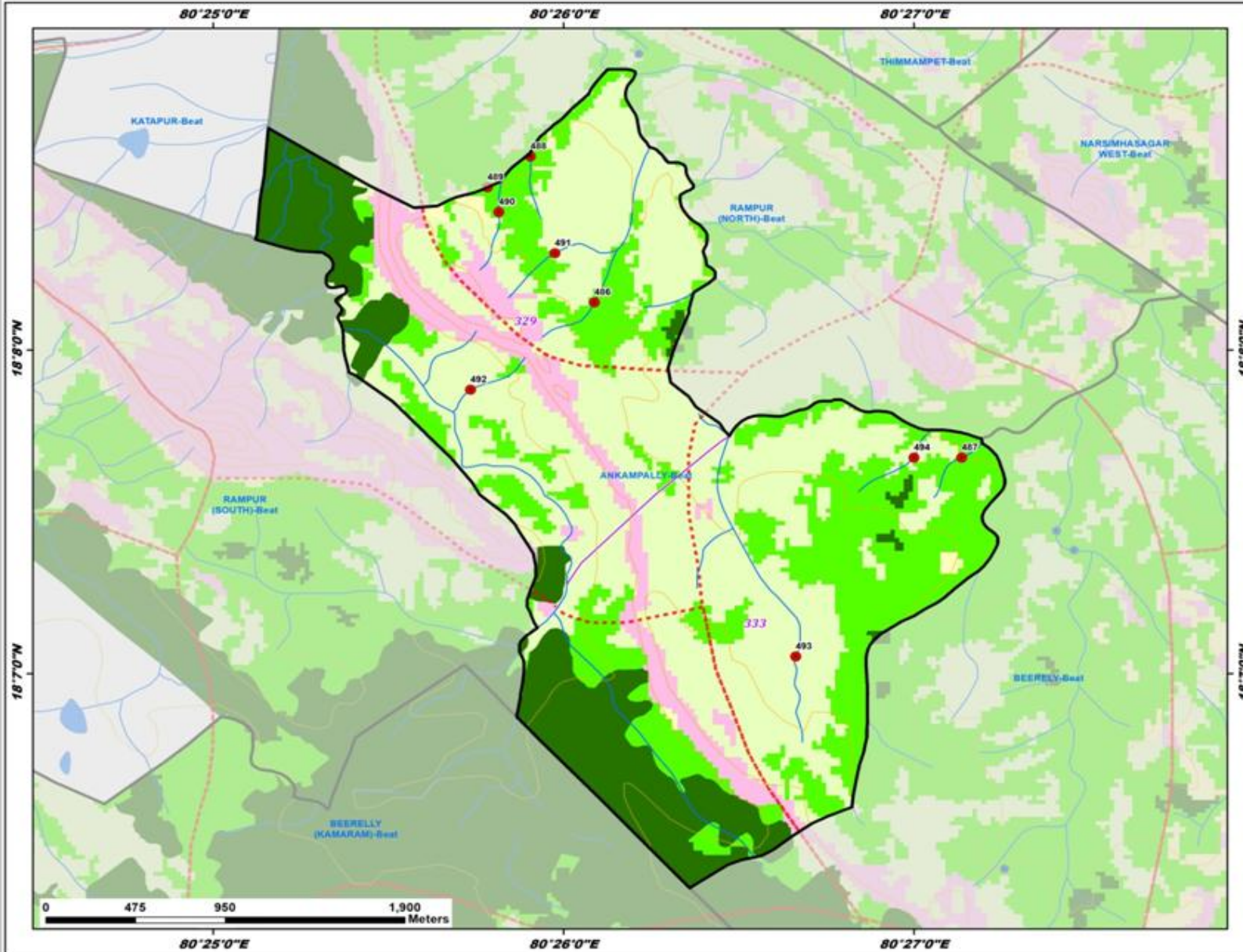
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
606	18.111839	80.353392	40.44	V	SOULEDU (SOUTH)
607	18.121493	80.319856	27.34	V	SOULEDU (SOUTH)
608	18.132310	80.327586	6.78	II	SOULEDU EAST
609	18.130104	80.353187	23.05	II	SOULEDU EAST
610	18.119130	80.356566	9.31	II	SOULEDU EAST
611	18.129416	80.367275	13.18	IV	SOULEDU EAST
612	18.132071	80.330645	12.48	IV	SOULEDU EAST
613	18.127197	80.355074	27.52	V	SOULEDU EAST
614	18.130725	80.364136	57.81	V	SOULEDU EAST
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
615	18.187934	80.201065	41.30	III	DEVUNIGUTTA - N
622	18.154980	80.230090	11.68	IV	DEVUNIGUTTA - S
623	18.159087	80.242986	13.32	IV	DEVUNIGUTTA - S
624	18.171045	80.228940	11.86	IV	DEVUNIGUTTA - S
625	18.162009	80.243571	10.33	IV	DEVUNIGUTTA - S
626	18.161766	80.222376	16.20	IV	DEVUNIGUTTA - S
627	18.176942	80.214960	16.08	IV	DEVUNIGUTTA - S
628	18.175359	80.226669	8.55	IV	DEVUNIGUTTA - S
629	18.160768	80.244534	26.55	V	DEVUNIGUTTA - S
630	18.172589	80.233264	39.81	V	DEVUNIGUTTA - S
631	18.187431	80.190346	22.68	II	DEVUNIGUTTA - W
632	18.167823	80.205553	19.23	II	DEVUNIGUTTA - W
633	18.160022	80.214464	18.31	II	DEVUNIGUTTA - W
634	18.185252	80.196287	7.68	II	DEVUNIGUTTA - W
635	18.182304	80.185251	25.09	III	DEVUNIGUTTA - W
636	18.158508	80.213985	29.80	III	DEVUNIGUTTA - W
637	18.177930	80.191535	34.18	III	DEVUNIGUTTA - W
638	18.173160	80.214760	14.10	IV	DEVUNIGUTTA - W
639	18.169736	80.200718	33.68	V	DEVUNIGUTTA - W
640	18.180500	80.293344	23.24	IV	LAWAL (NORTH)
641	18.182836	80.288067	9.30	IV	LAWAL (NORTH)
642	18.182427	80.276910	10.53	IV	LAWAL (NORTH)
643	18.190353	80.277901	23.79	IV	LAWAL (NORTH)
644	18.191377	80.292143	30.22	V	LAWAL (NORTH)
645	18.177940	80.284431	32.67	V	LAWAL (NORTH)

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
645	18.177940	80.284431	32.67	V	LAWAL (NORTH)
646	18.192670	80.274683	34.79	V	LAWAL (NORTH)
647	18.179824	80.245956	18.82	II	LAWAL (SOUTH)
648	18.170479	80.264849	7.80	II	LAWAL (SOUTH)
649	18.176700	80.237496	23.38	IV	LAWAL (SOUTH)
650	18.169775	80.243538	22.28	IV	LAWAL (SOUTH)
651	18.174748	80.249497	15.75	IV	LAWAL (SOUTH)
652	18.166964	80.247360	56.16	V	LAWAL (SOUTH)
653	18.193842	80.240875	15.42	II	LAWAL (WEST)
654	18.198863	80.225237	14.50	IV	LAWAL (WEST)
655	18.188002	80.250743	20.45	IV	LAWAL (WEST)
656	18.200194	80.222375	15.00	IV	LAWAL (WEST)
657	18.195559	80.227770	6.32	IV	LAWAL (WEST)
658	18.196956	80.232952	16.17	IV	LAWAL (WEST)
659	18.199438	80.258970	24.28	IV	LAWAL (WEST)
660	18.194780	80.258640	32.17	V	LAWAL (WEST)
661	18.177421	80.270336	5.61	II	LAWAL CENTRAL
662	18.176606	80.273163	19.34	II	LAWAL CENTRAL
663	18.189876	80.270473	44.34	III	LAWAL CENTRAL
664	18.191900	80.266890	18.07	IV	LAWAL CENTRAL
665	18.195157	80.265721	22.22	IV	LAWAL CENTRAL
666	18.163792	80.283899	12.77	IV	LAWAL CENTRAL
667	18.160818	80.283917	14.24	IV	LAWAL CENTRAL
668	18.184248	80.251659	63.15	V	LAWAL CENTRAL
669	18.168056	80.282849	27.36	V	LAWAL CENTRAL
670	18.139616	80.293815	23.55	II	LAWAL(EAST)
671	18.144390	80.303423	17.40	II	LAWAL(EAST)
672	18.138234	80.277324	8.84	IV	LAWAL(EAST)
673	18.150783	80.284000	22.79	IV	LAWAL(EAST)
674	18.148493	80.268552	8.00	IV	LAWAL(EAST)
675	18.149083	80.266871	12.40	IV	LAWAL(EAST)
676	18.147260	80.271206	6.74	IV	LAWAL(EAST)
677	18.142703	80.293178	7.31	IV	LAWAL(EAST)
678	18.146166	80.289796	28.68	V	LAWAL(EAST)
679	18.139104	80.298222	25.02	V	LAWAL(EAST)
680	18.143802	80.275906	25.74	V	LAWAL(EAST)
681	18.147759	80.293928	52.05	V	LAWAL(EAST)

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



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
486	18.135781	80.434800	22.54	II
487	18.127790	80.452261	13.98	II
488	18.143303	80.431753	8.19	II
489	18.141713	80.429699	12.03	II
490	18.140441	80.430248	16.61	II
491	18.138311	80.432917	12.68	IV
492	18.131289	80.428895	10.46	IV
493	18.117542	80.444372	34.23	V
494	18.127791	80.449990	35.11	V

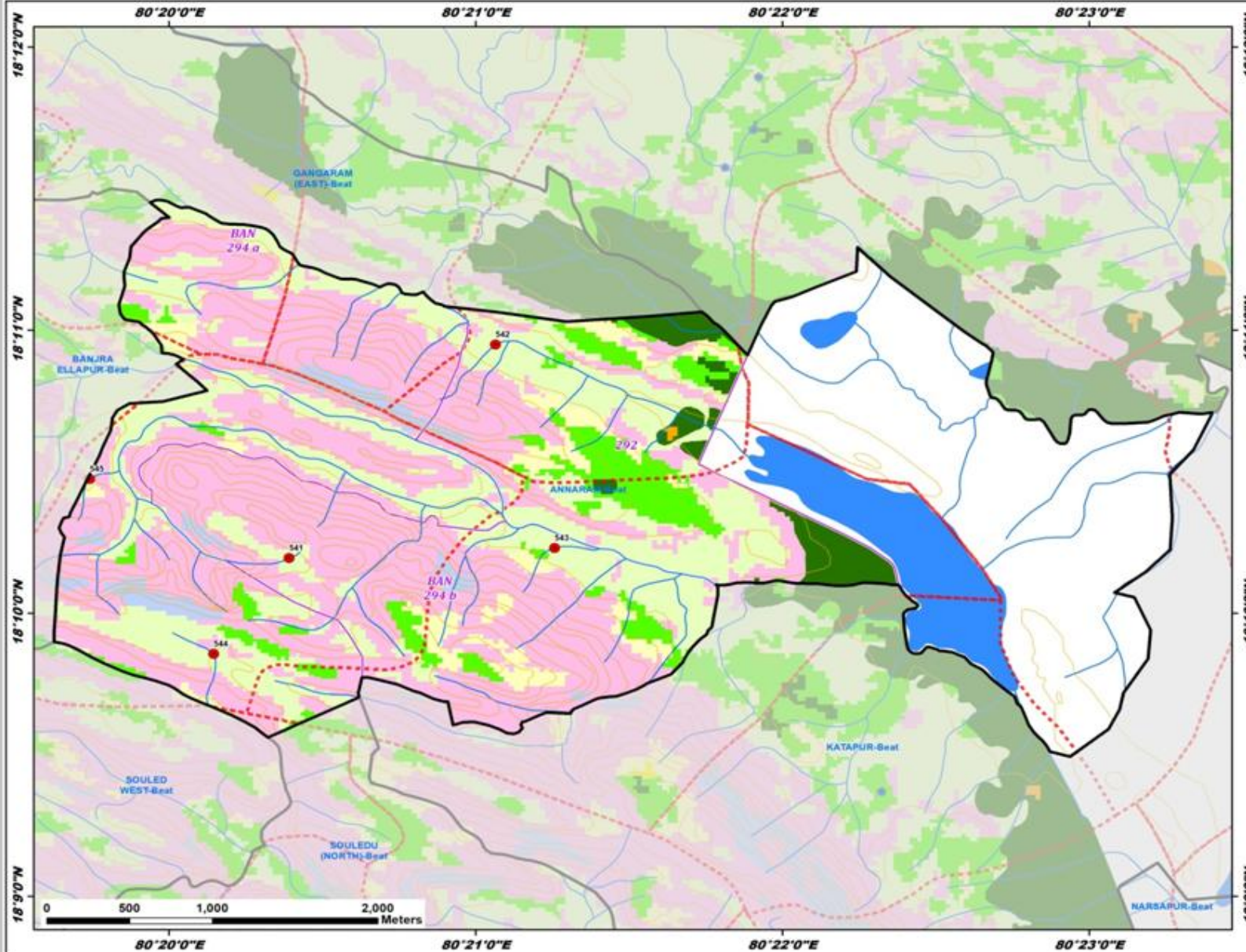
Legend

- 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 Annaram Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
541	18.169910	80.339852	5.53	IV
542	18.182483	80.351069	8.34	IV
543	18.170501	80.354282	15.89	IV
544	18.164276	80.335764	7.11	IV
545	18.174565	80.329020	5.14	IV

Legend

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

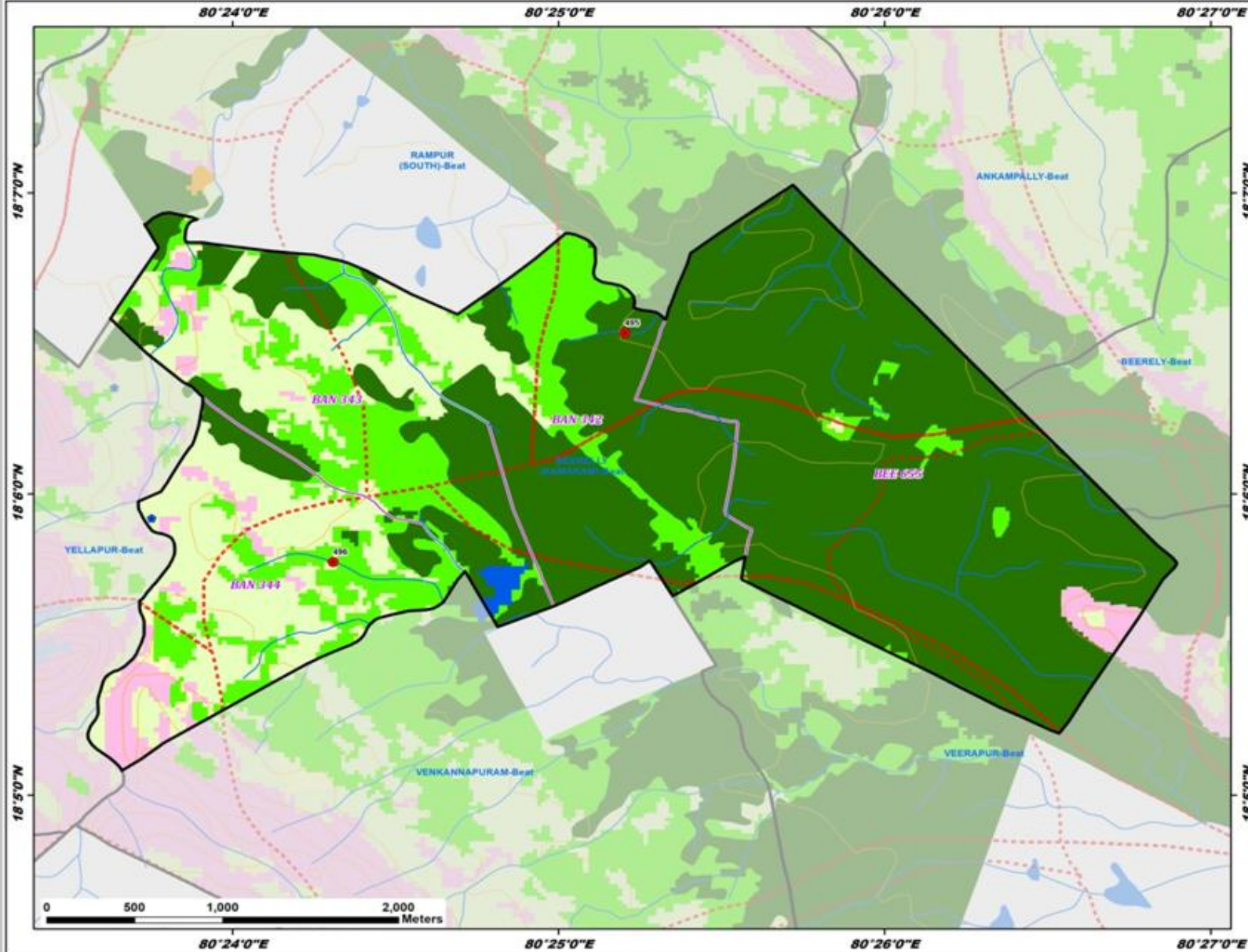
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Beerelly (Kamaram) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
495	18.108910	80.420052	8.89	I
496	18.096238	80.405144	29.42	V

Legend

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

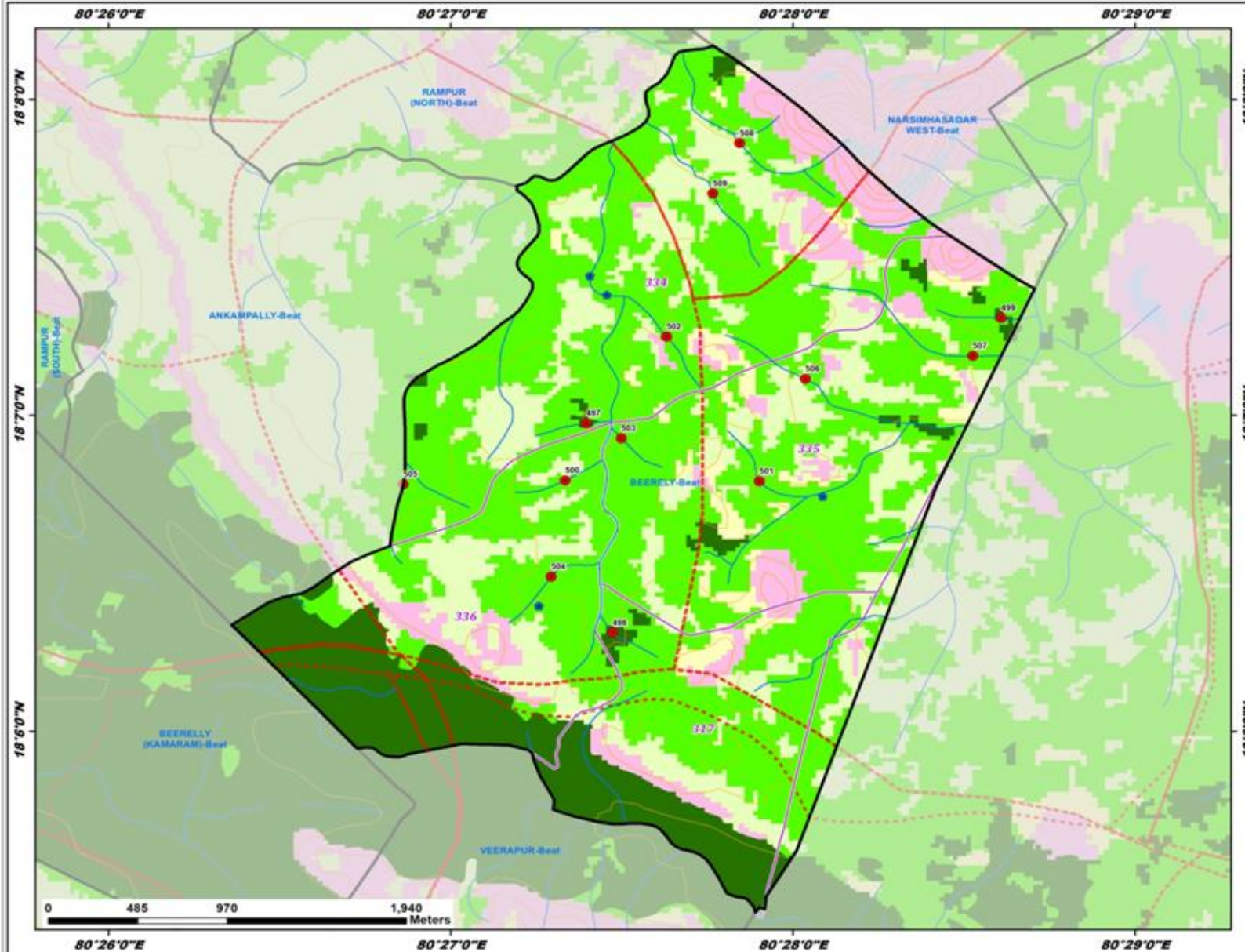
Suitability Index

- 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 Beerely Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
497	18.116252	80.456595	8.13	I
498	18.105202	80.457881	9.96	I
499	18.121814	80.476809	23.57	I
500	18.113247	80.455574	9.50	II
501	18.113196	80.465045	15.34	II
502	18.120821	80.460510	15.98	II
503	18.115470	80.458317	12.02	II
504	18.108166	80.454898	29.91	III
505	18.113035	80.447680	31.01	III
506	18.118598	80.467267	17.07	IV
507	18.119808	80.475437	58.13	IV
508	18.131037	80.464080	30.98	V
509	18.128382	80.462776	35.71	V

Legend

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

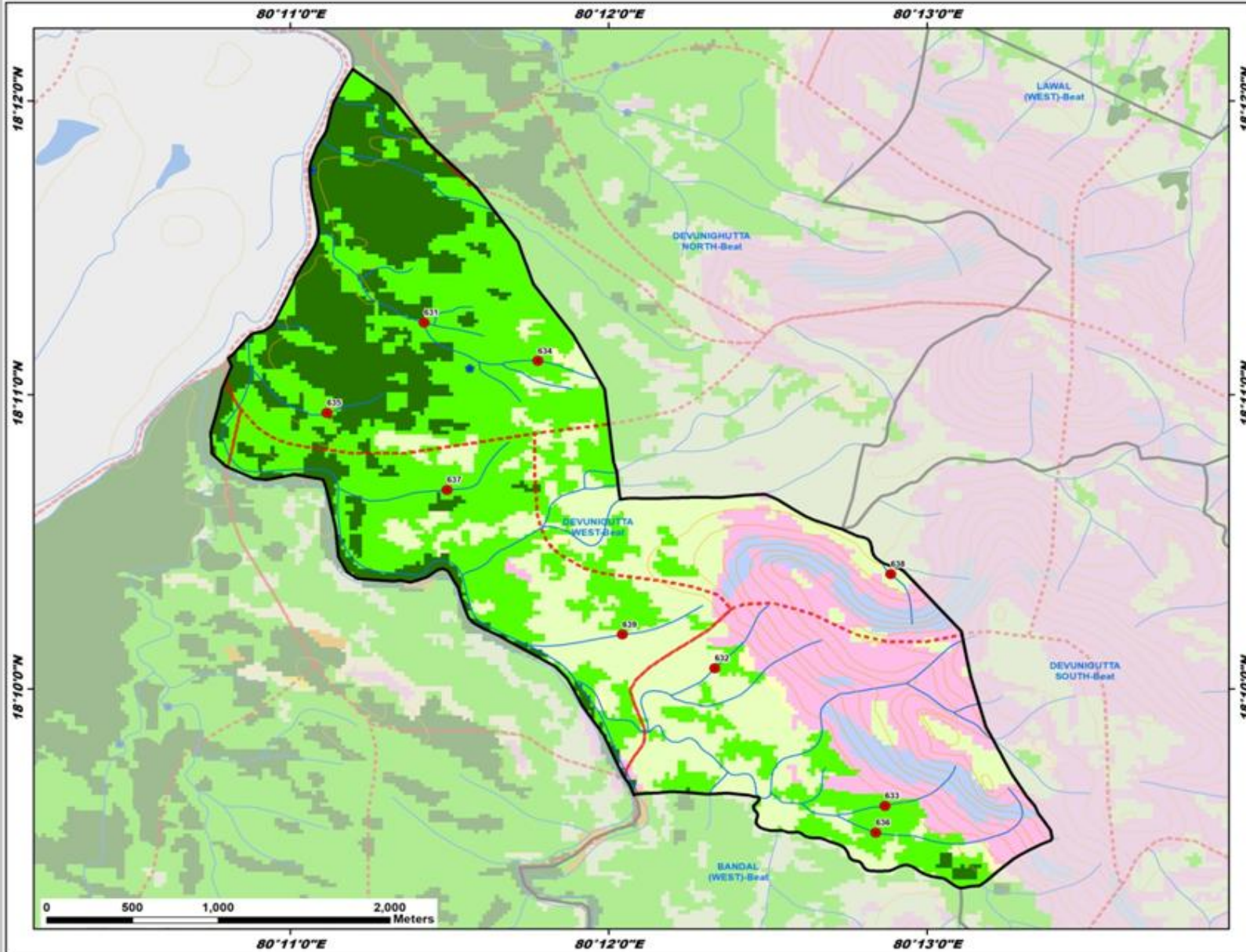
Suitability Index

- 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 Devunigutta West Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
631	18.187431	80.190346	22.68	II
632	18.167823	80.205553	19.23	II
633	18.160022	80.214464	18.31	II
634	18.185252	80.196287	7.68	III
635	18.182304	80.185251	25.09	III
636	18.158508	80.213985	29.80	III
637	18.177990	80.191535	34.18	III
638	18.173160	80.214760	14.10	IV
639	18.169736	80.200718	33.68	V

Legend

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

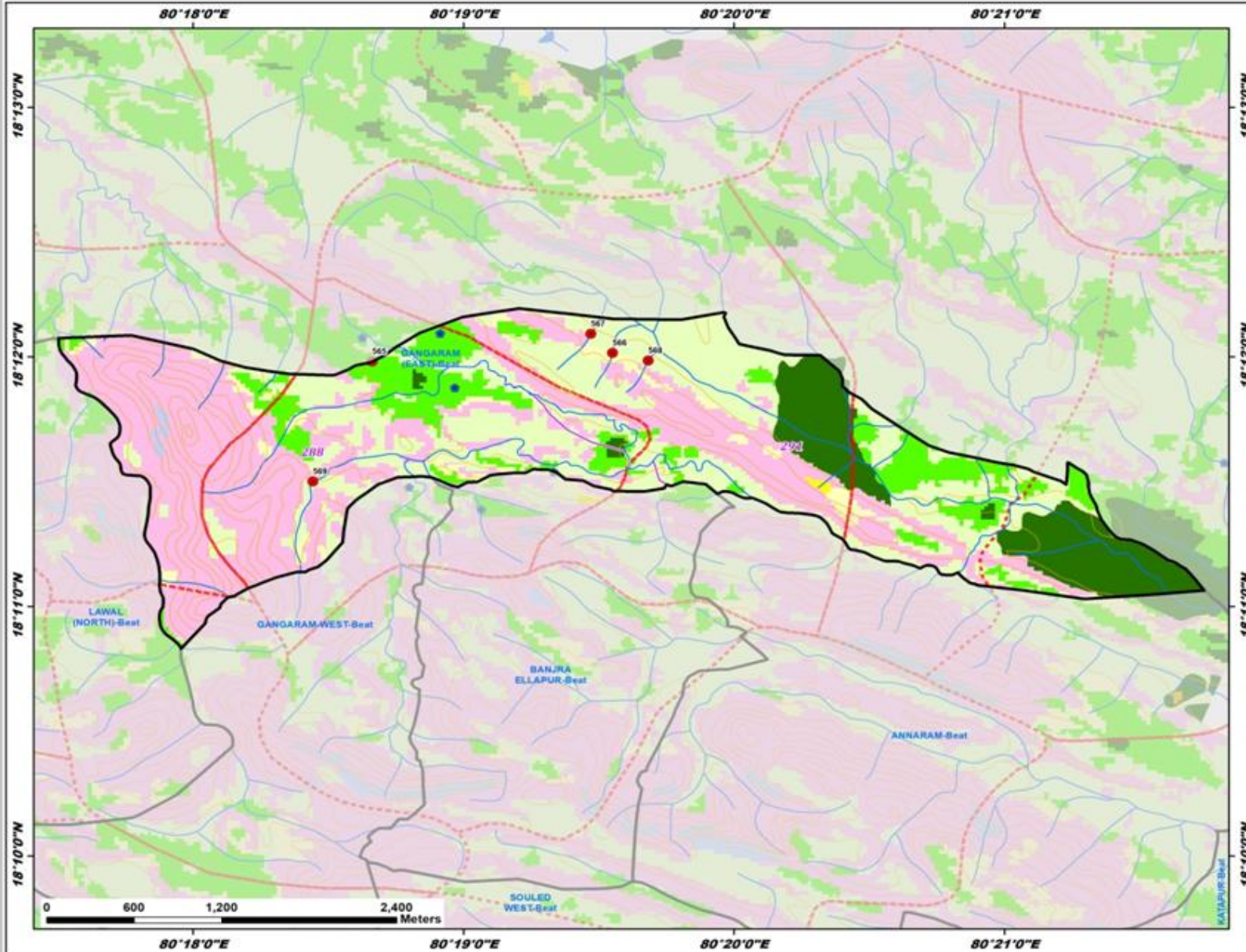
Suitability Index

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

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



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
565	18.199685	80.311021	12.83	II
566	18.200262	80.325838	7.63	IV
567	18.201541	80.324500	9.50	IV
568	18.199745	80.328038	6.09	IV
569	18.191675	80.307377	63.83	V

Legend

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

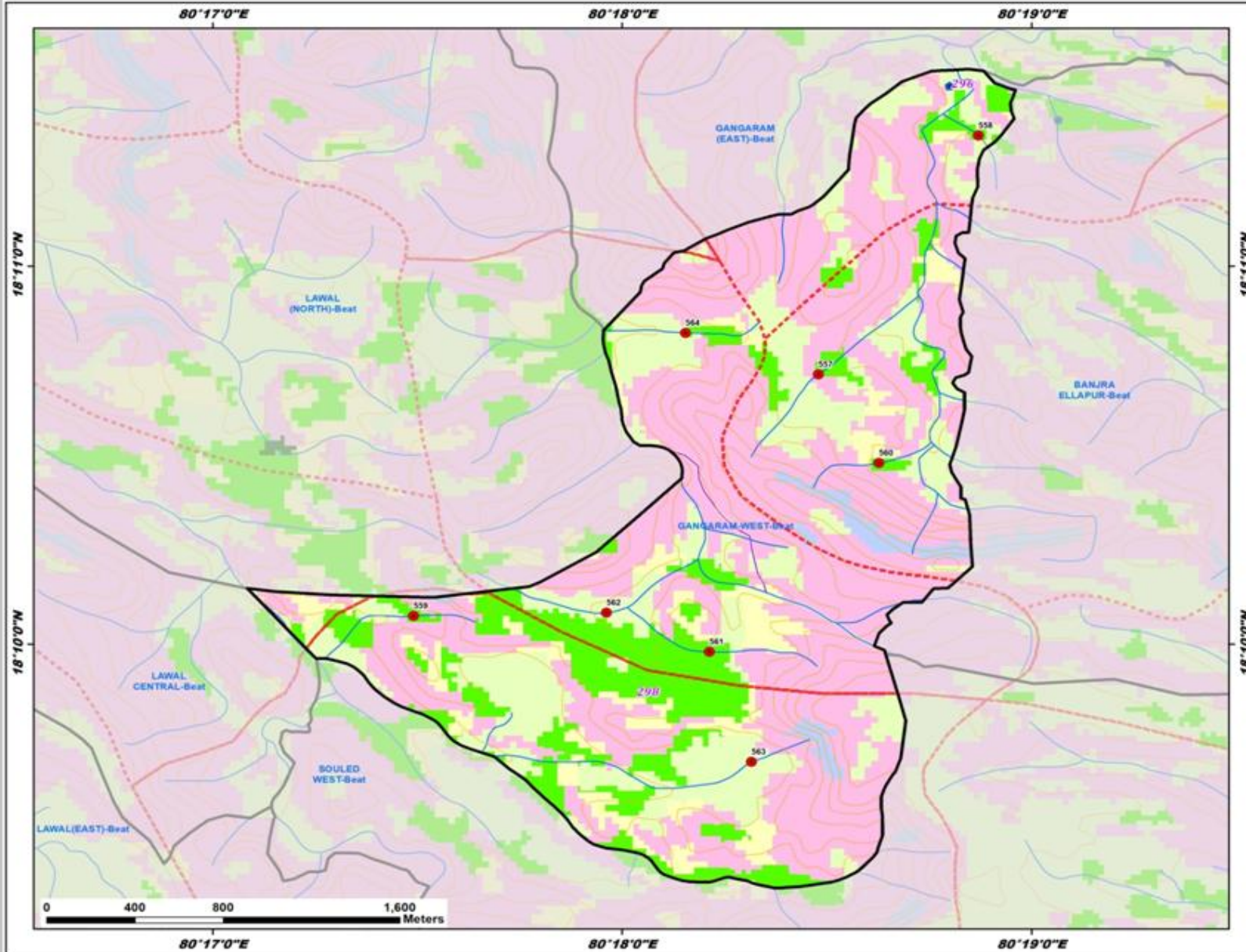
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Gangaram- West Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
557	18.178568	80.307977	13.20	II
558	18.189100	80.314494	9.33	II
559	18.167919	80.291502	11.17	II
560	18.174666	80.310450	17.68	II
561	18.166331	80.303544	25.01	III
562	18.168057	80.299350	20.68	IV
563	18.161482	80.305250	18.23	IV
564	18.180393	80.302568	25.59	V

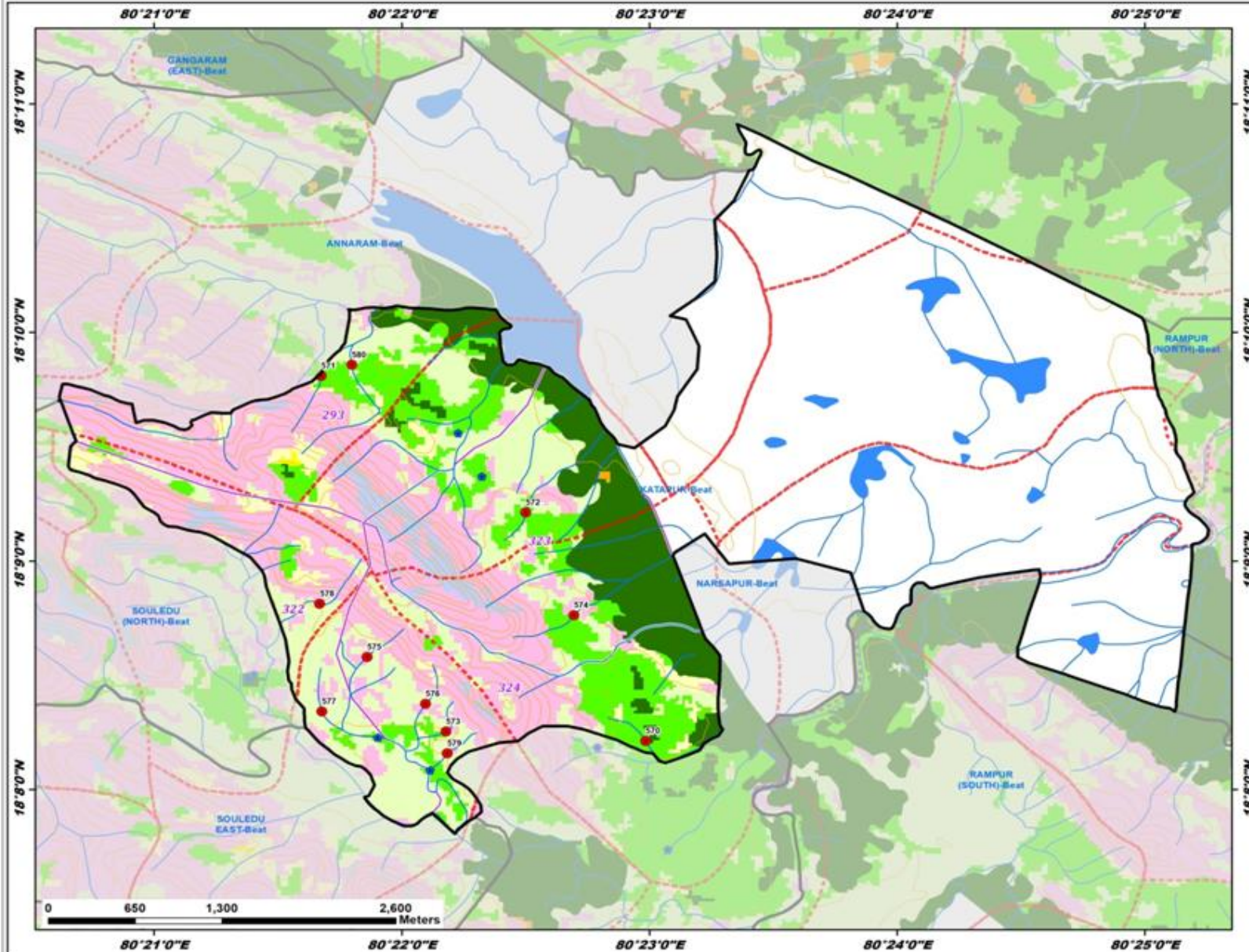
Legend

- 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 SGP - Suitable
 - Not Suitable
 - Water Body

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



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
570	18.136873	80.383062	20.09	II
571	18.163492	80.361228	12.76	II
572	18.153536	80.375005	13.81	II
573	18.137563	80.369619	11.24	IV
574	18.146044	80.378231	18.09	IV
575	18.142985	80.364328	13.67	IV
576	18.139570	80.368258	9.74	IV
577	18.139012	80.361265	17.16	IV
578	18.146872	80.361134	23.16	IV
579	18.135977	80.369704	15.40	IV
580	18.164306	80.363299	40.94	V

Legend

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

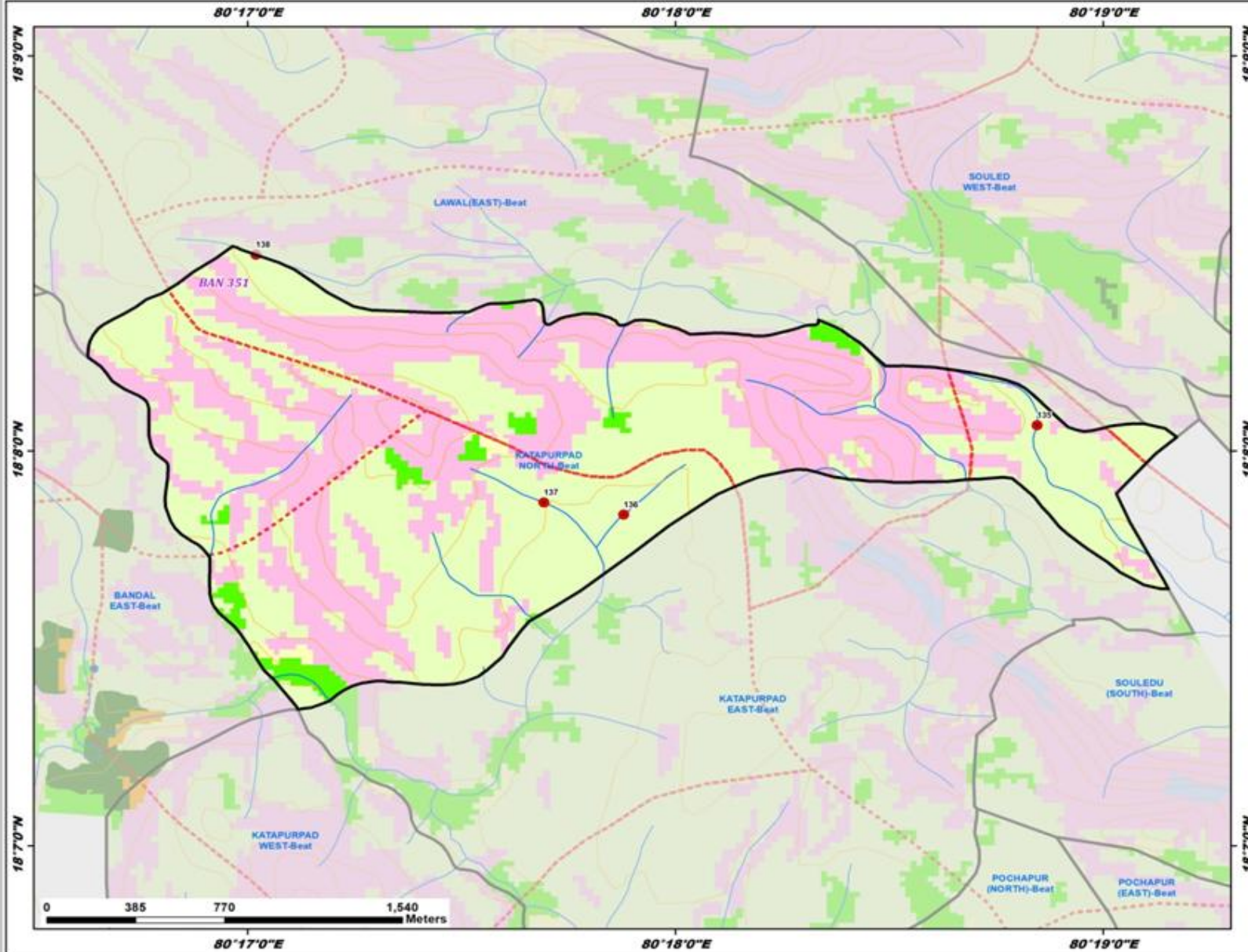
Suitability Index

- 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 Katapurpad North Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
135	18.134409	80.314086	17.82	IV
136	18.130640	80.297985	18.09	IV
137	18.131152	80.294874	26.20	V
138	18.141614	80.283660	30.99	V

Legend

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

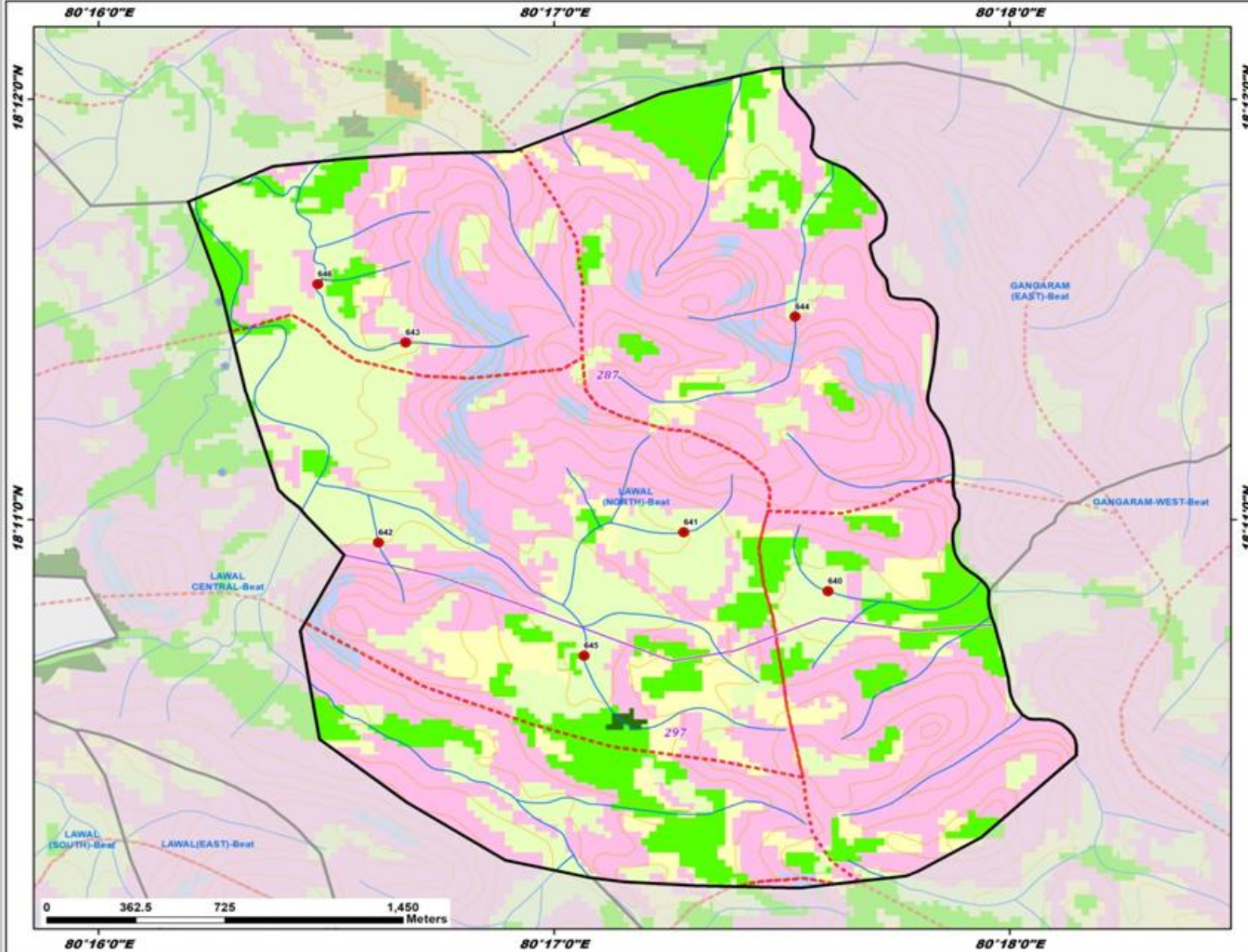
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Lawal (North) Beat



Division : Tadvai
Range : Tadvai



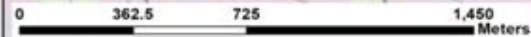
ID	Latitude	Longitude	Catchment Area_Ma	Priority
640	18.180500	80.293344	23.24	IV
641	18.182836	80.288067	9.30	IV
642	18.182427	80.276910	10.53	IV
643	18.190353	80.277901	23.79	IV
644	18.191377	80.292143	30.22	V
645	18.177940	80.284431	32.67	V
646	18.192670	80.274683	34.79	V

Legend

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

Suitability Index

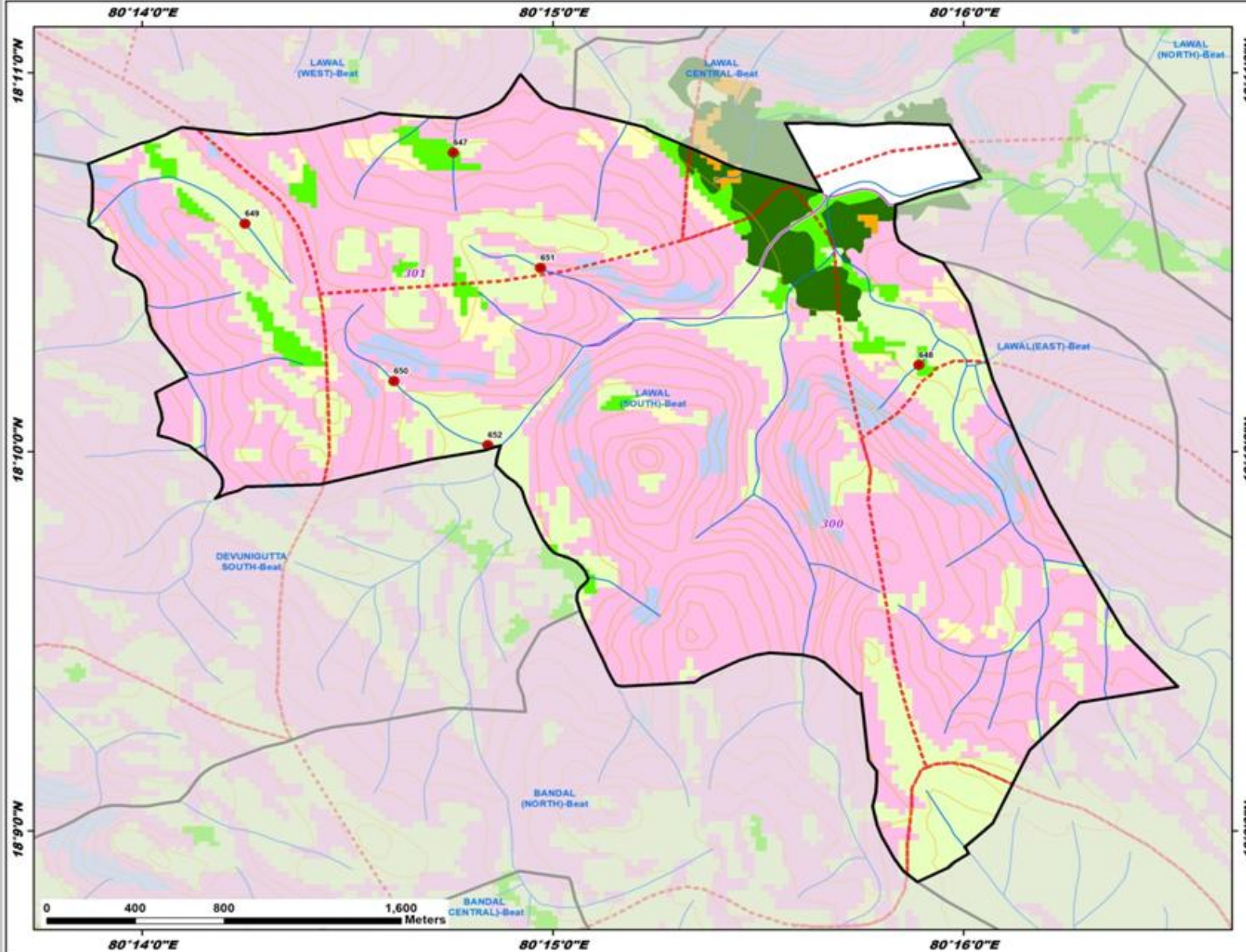
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Lawal (South) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
647	18.179824	80.245956	18.82	II
648	18.170479	80.264849	7.80	II
649	18.176700	80.237496	23.38	IV
650	18.169775	80.243538	22.28	IV
651	18.174748	80.249497	15.75	IV
652	18.166964	80.247360	56.16	V

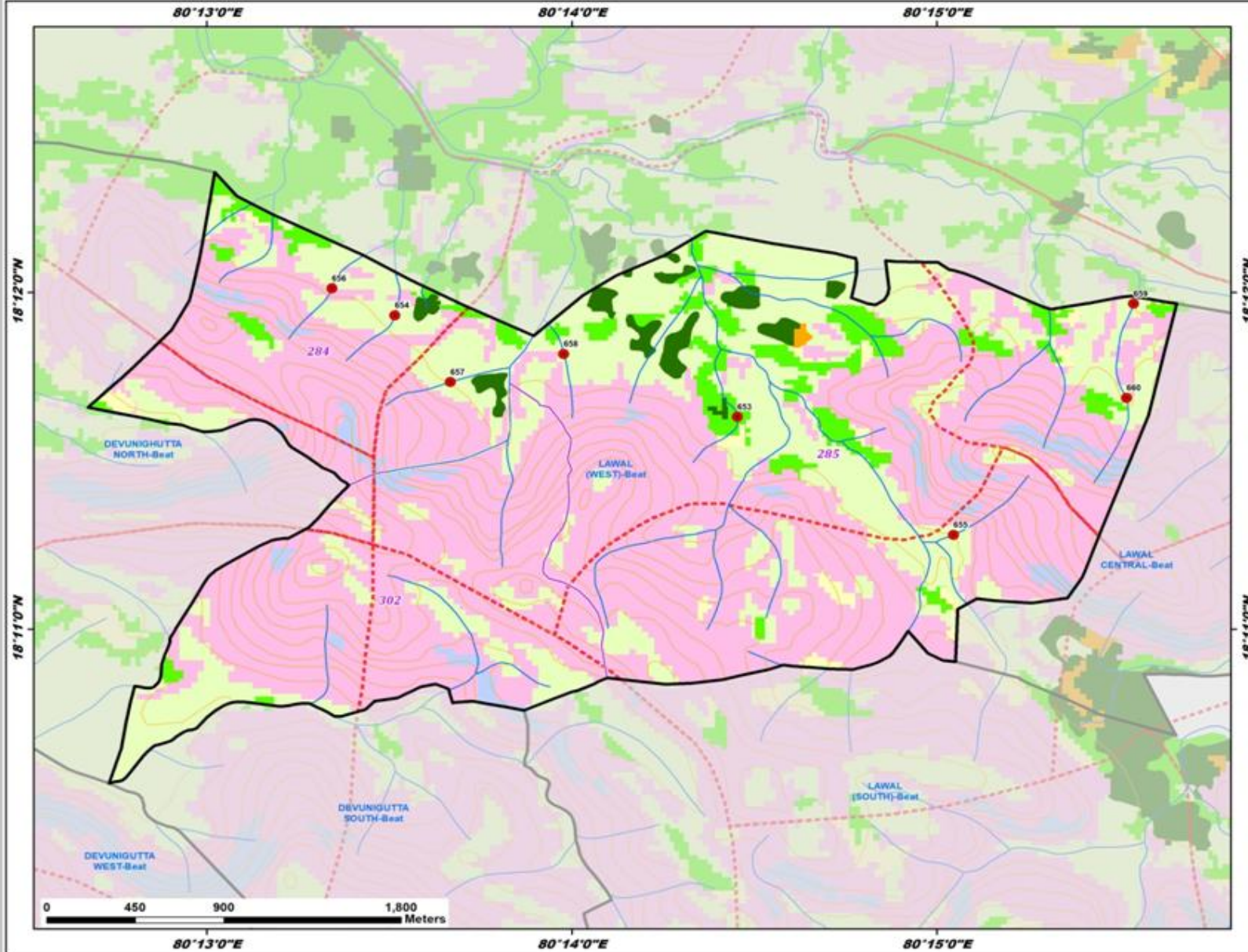
Legend

- 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 SGPt - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability index for Construction of SMC Works of Lawal (West) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
653	18.193842	80.240875	15.42	II
654	18.198863	80.225237	14.50	IV
655	18.188002	80.250743	20.45	IV
656	18.200194	80.222375	15.00	IV
657	18.195559	80.227770	6.32	IV
658	18.196956	80.232952	16.17	IV
659	18.199438	80.258970	24.28	IV
660	18.194780	80.258640	32.17	V

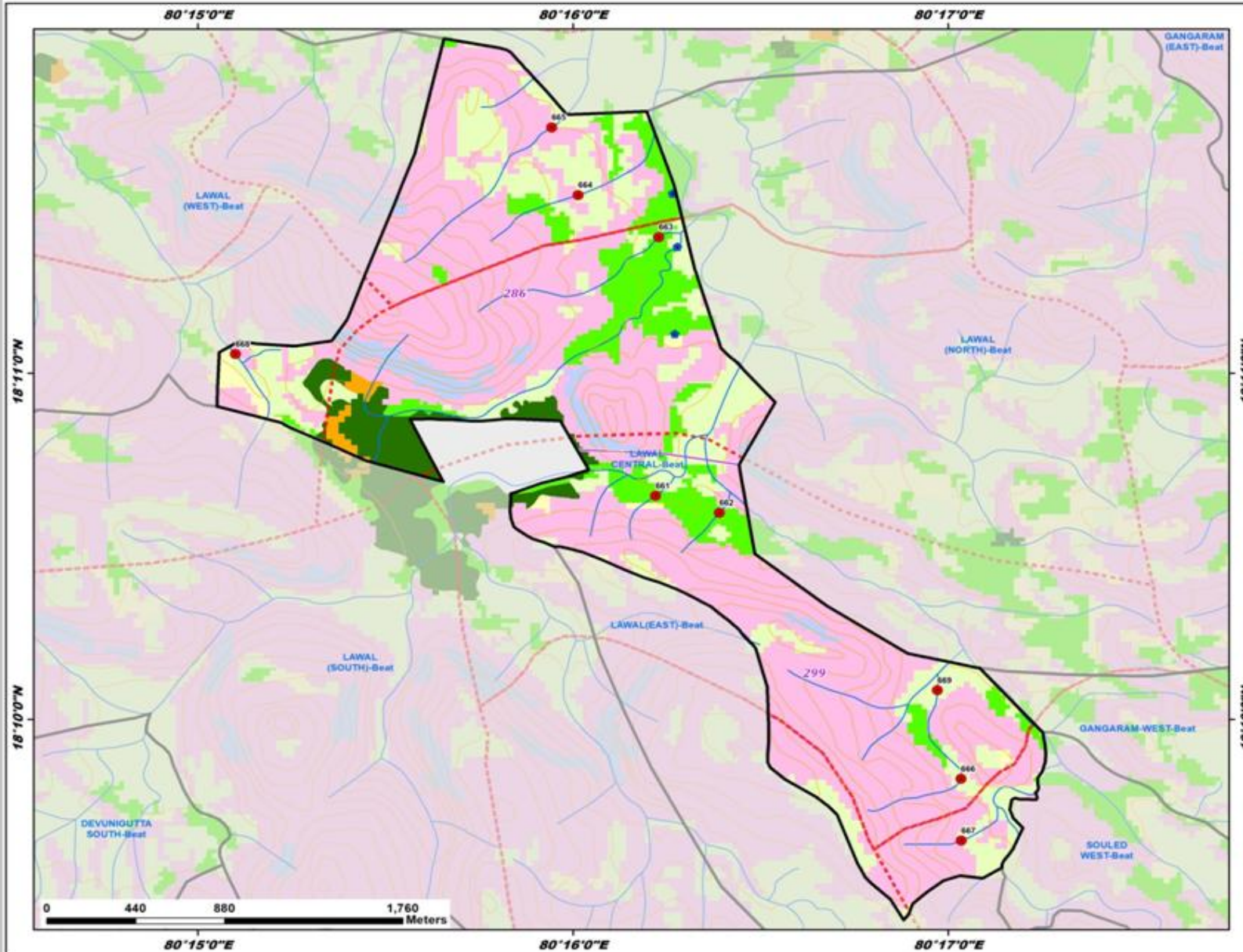
Legend

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

Map Showing Suitability index for Construction of SMC Works of Lawal Central Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
661	18.177421	80.270336	5.61	II
662	18.176606	80.273163	19.34	II
663	18.189876	80.270473	44.34	III
664	18.191900	80.266890	18.07	IV
665	18.195157	80.265721	22.22	IV
666	18.163792	80.283899	12.77	IV
667	18.160818	80.283917	14.24	IV
668	18.184248	80.251659	63.15	V
669	18.168056	80.282849	27.36	V

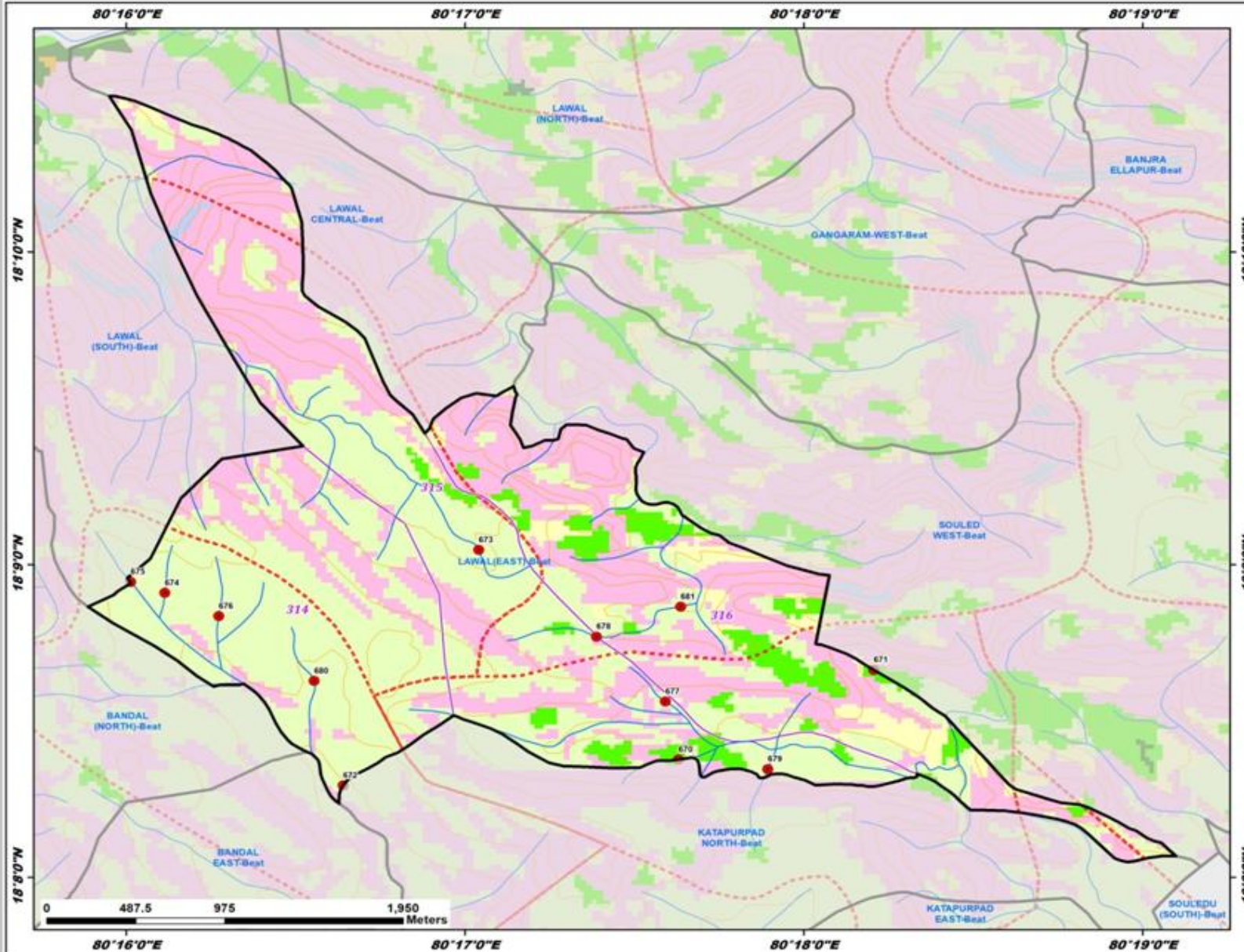
Legend

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

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



Division : Tadvai
Range : Tadvai



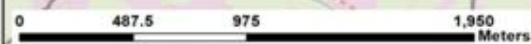
ID	Latitude	Longitude	Catchment Area_Ha	Priority
670	18.139616	80.293815	23.55	II
671	18.144390	80.303423	17.40	II
672	18.138234	80.277324	8.84	IV
673	18.150783	80.284000	22.79	IV
674	18.148493	80.268552	8.00	IV
675	18.149083	80.266871	12.40	IV
676	18.147260	80.271206	6.74	IV
677	18.142703	80.293178	7.31	IV
678	18.146166	80.289796	28.68	V
679	18.139104	80.298222	25.02	V
680	18.143802	80.275906	25.74	V
681	18.147759	80.293928	52.05	V

Legend

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

Suitability Index

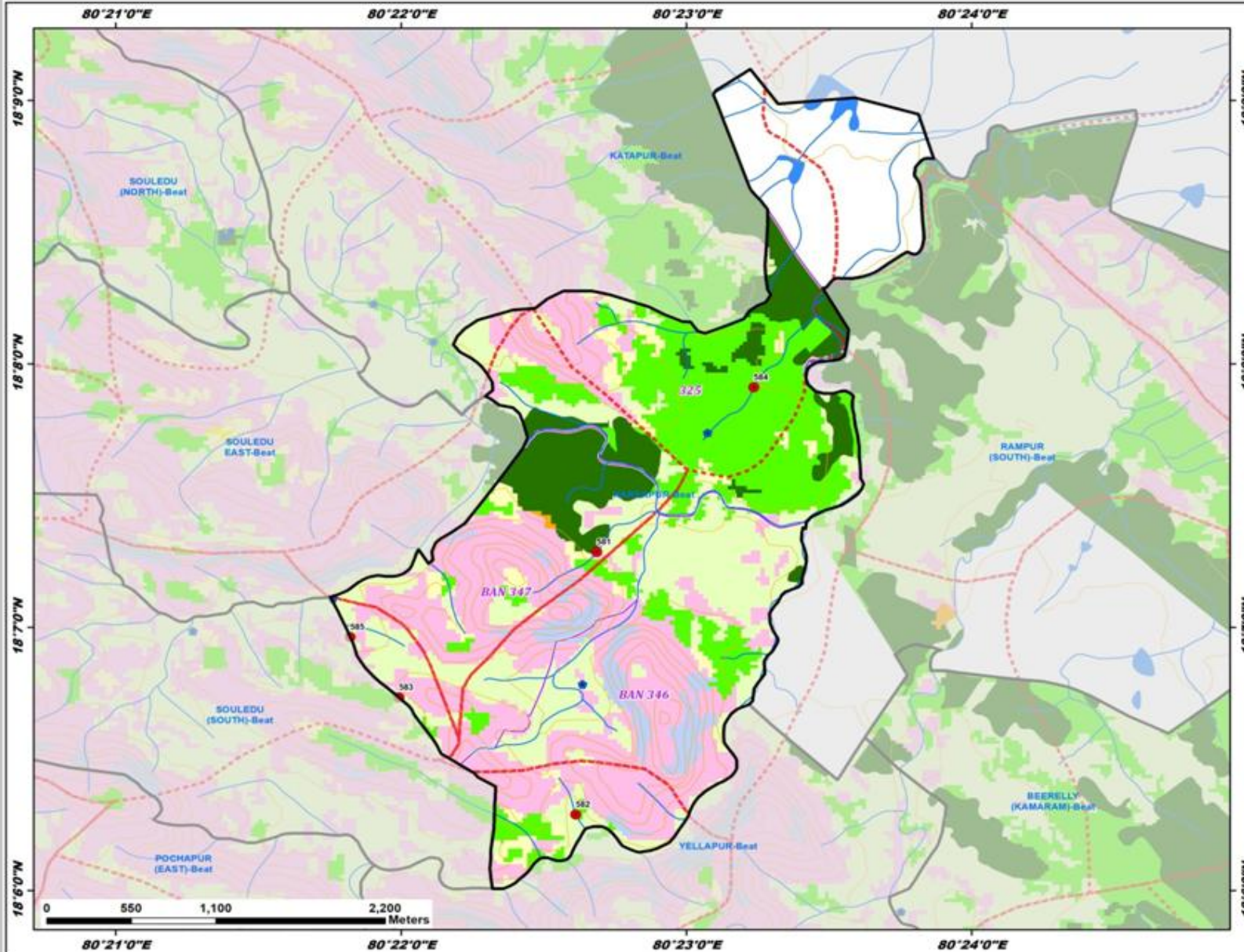
- CCTs/SCTs - Highly Suitable
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- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
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- Water Body



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



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
581	18.121425	80.378096	14.89	I
582	18.104817	80.376857	18.98	II
583	18.112228	80.366527	25.47	III
584	18.131852	80.387255	25.14	III
585	18.116051	80.363678	51.95	V

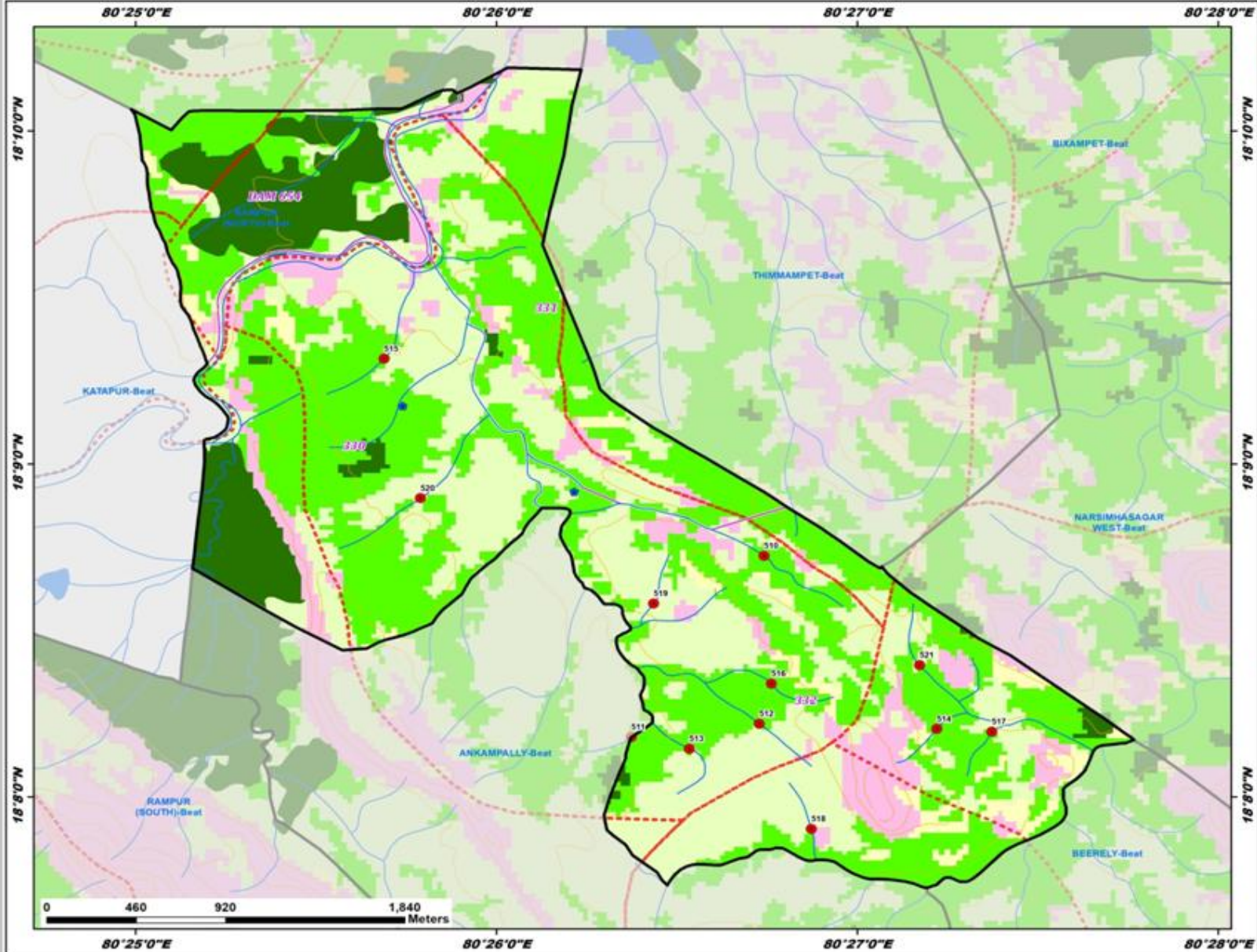
Legend

- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
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 - Beat Boundary
 - Division Boundary
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Map Showing Suitability index for Construction of SMC Works of Rampur (North) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
510	18.145393	80.445680	21.85	II
511	18.136317	80.439549	21.72	II
512	18.136988	80.445470	12.53	II
513	18.135738	80.442242	14.85	II
514	18.136728	80.453669	8.35	II
515	18.155256	80.428129	10.52	II
516	18.138996	80.446026	12.43	II
517	18.136585	80.456210	12.61	II
518	18.131715	80.447875	12.74	IV
519	18.143002	80.440588	8.75	IV
520	18.148277	80.429810	16.02	IV
521	18.139924	80.452865	19.02	IV

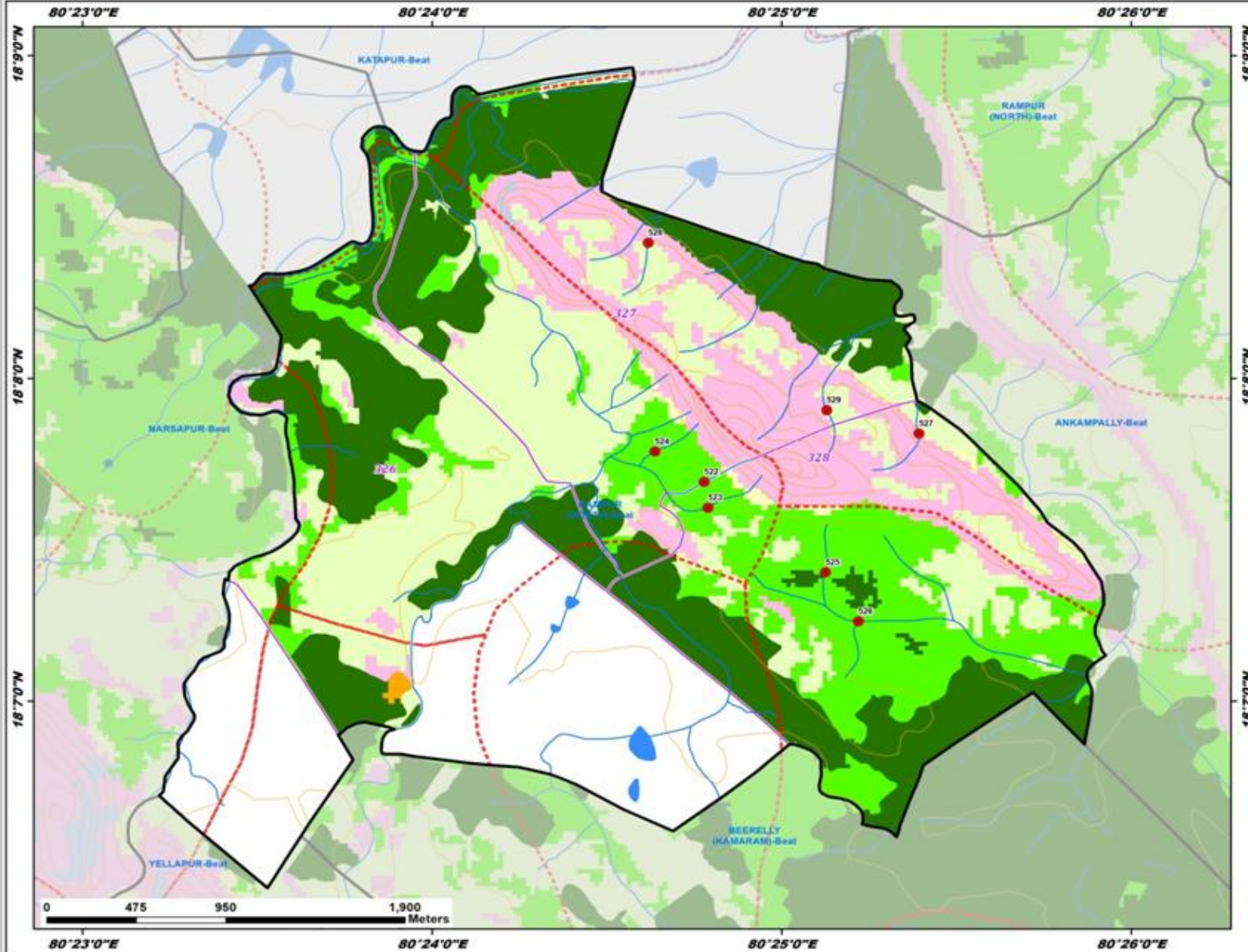
Legend

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Map Showing Suitability index for Construction of SMC Works of Rampur (South) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
522	18.127980	80.412962	5.12	II
523	18.126653	80.413138	7.00	II
524	18.129548	80.410624	7.02	II
525	18.123309	80.418747	12.23	II
526	18.120787	80.420318	34.31	III
527	18.130482	80.423207	9.98	IV
528	18.140334	80.410303	15.04	IV
529	18.131688	80.418804	12.36	IV

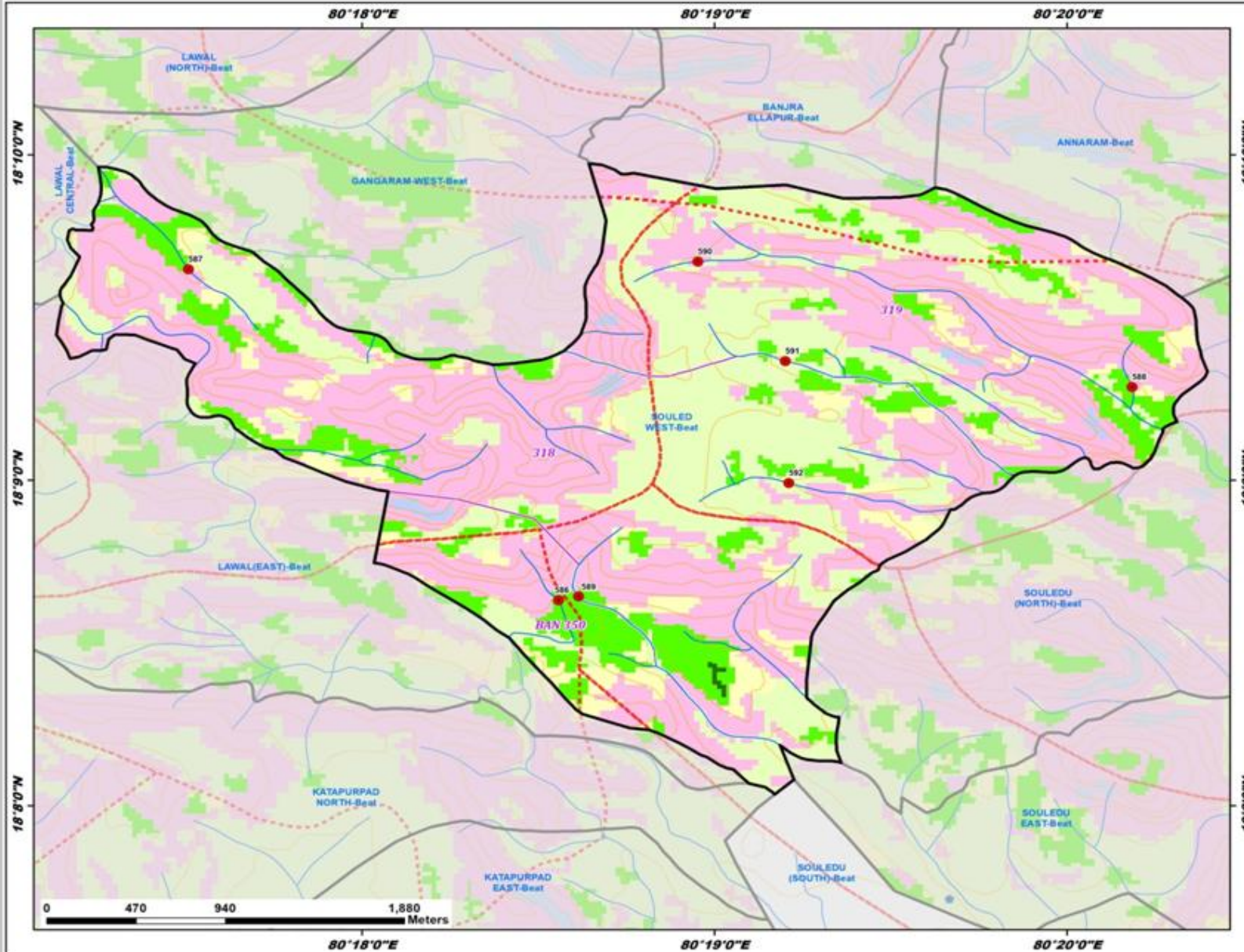
Legend

- Proposed PTs
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Map Showing Suitability index for Construction of SMC Works of Souled West Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
586	18.143855	80.309292	8.79	II
587	18.160806	80.291800	17.89	II
588	18.154776	80.336400	16.00	II
589	18.144057	80.310237	23.14	II
590	18.161194	80.315880	13.03	IV
591	18.156103	80.320006	28.20	V
592	18.149852	80.320171	46.06	V

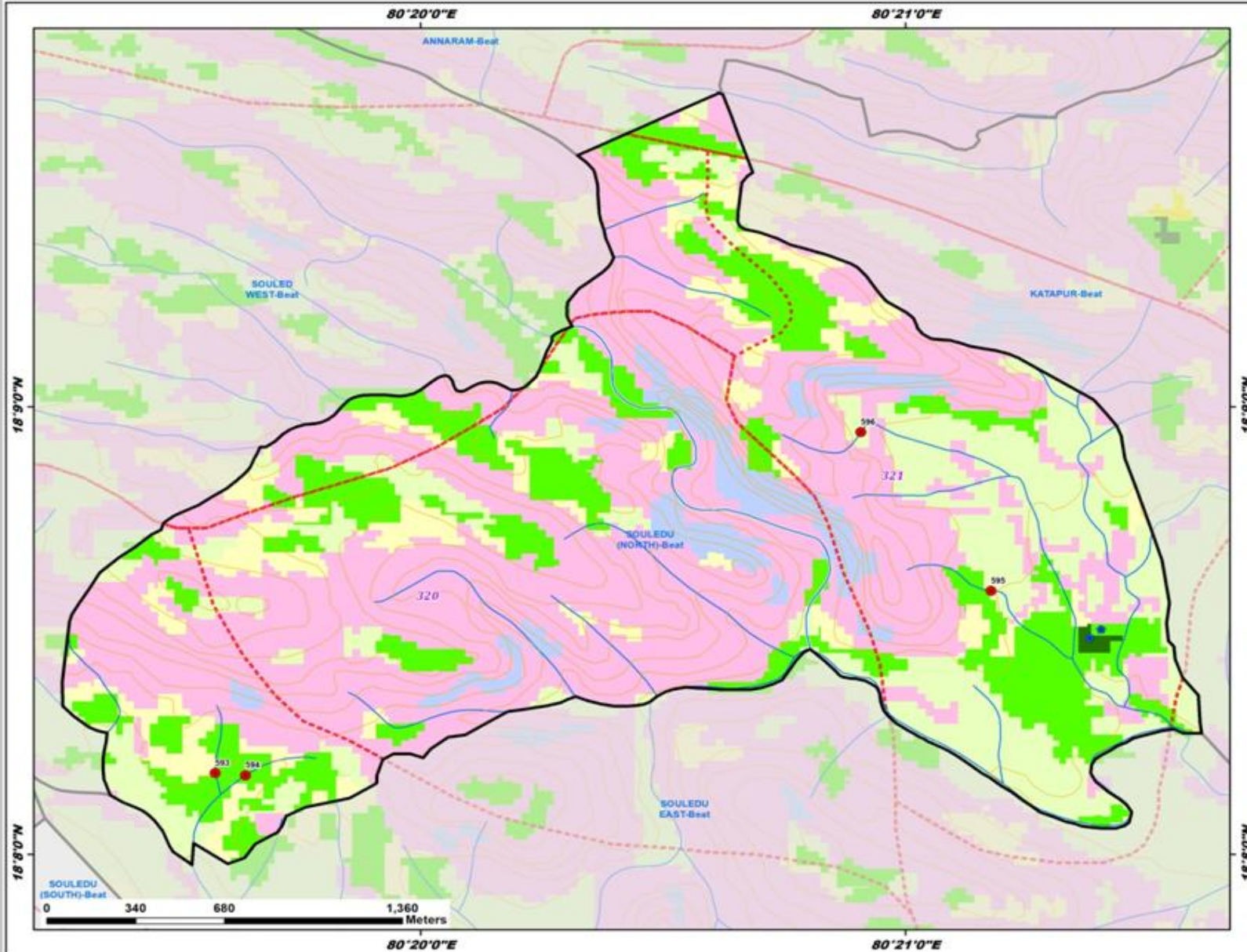
Legend

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Map Showing Suitability index for Construction of SMC Works of Souledu (North) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
593	18.136359	80.326263	13.96	II
594	18.136275	80.327309	14.96	II
595	18.143145	80.352935	9.76	IV
596	18.149055	80.348465	9.05	IV

Legend

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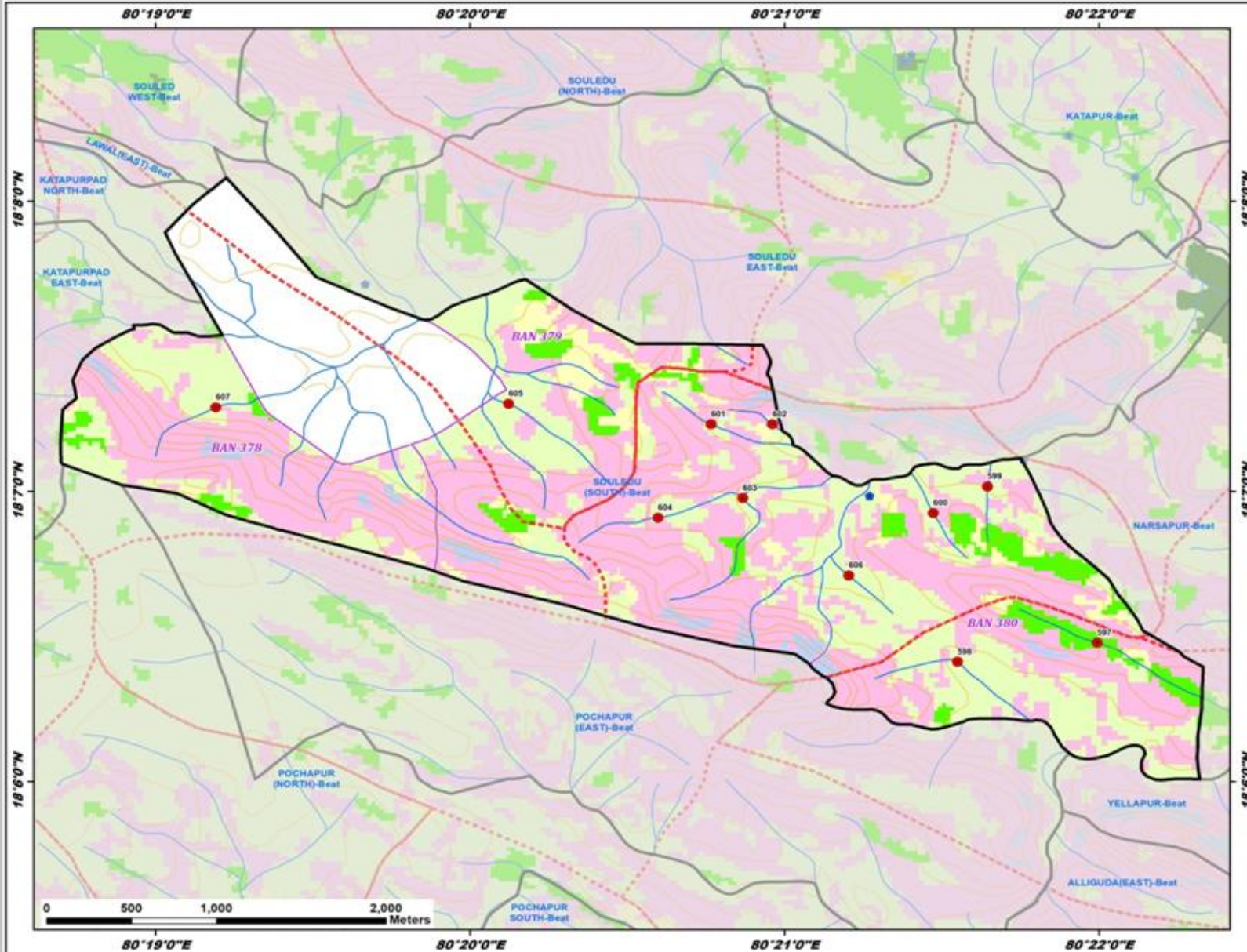
Suitability Index

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Map Showing Suitability index for Construction of SMC Works of Souledu (South) Beat



Division : Tadvai
Range : Tadvai



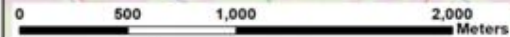
ID	Latitude	Longitude	Catchment Area_Ha	Priority
597	18.107978	80.366554	9.01	II
598	18.106874	80.359158	15.15	IV
599	18.116946	80.360754	12.92	IV
600	18.115425	80.357870	19.02	IV
601	18.120520	80.346110	19.49	IV
602	18.120516	80.349355	7.83	IV
603	18.116275	80.347774	46.53	V
604	18.115156	80.343284	26.56	V
605	18.121697	80.335376	29.75	V
606	18.111839	80.353392	40.44	V
607	18.121493	80.319856	27.34	V

Legend

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Suitability Index

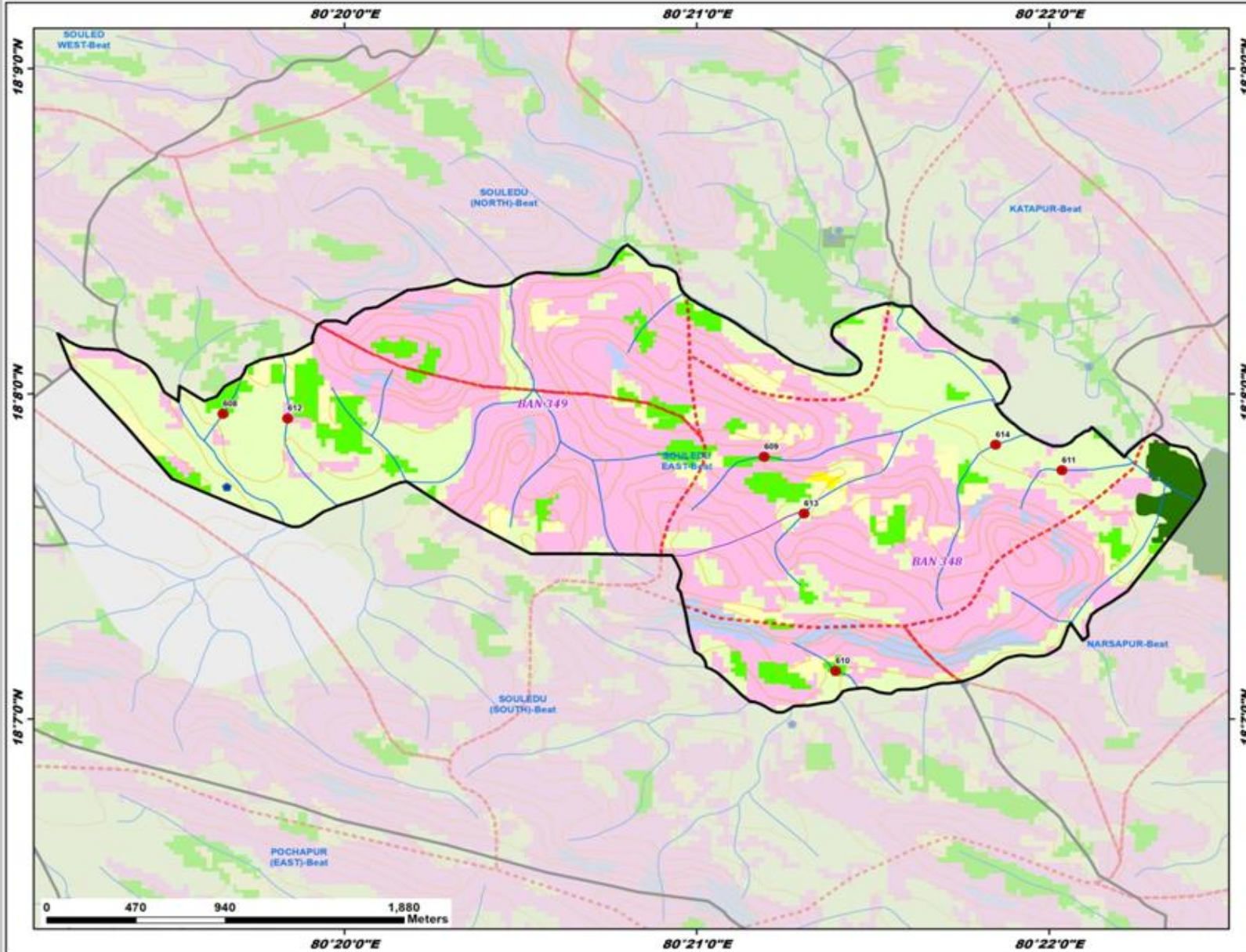
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Map Showing Suitability index for Construction of SMC Works of Souledu (East) Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
608	18.132310	80.327586	6.78	II
609	18.130104	80.353187	23.05	II
610	18.119130	80.356566	9.31	II
611	18.129416	80.367275	13.18	IV
612	18.132071	80.330645	12.48	IV
613	18.127197	80.355074	27.52	V
614	18.130725	80.364136	57.81	V

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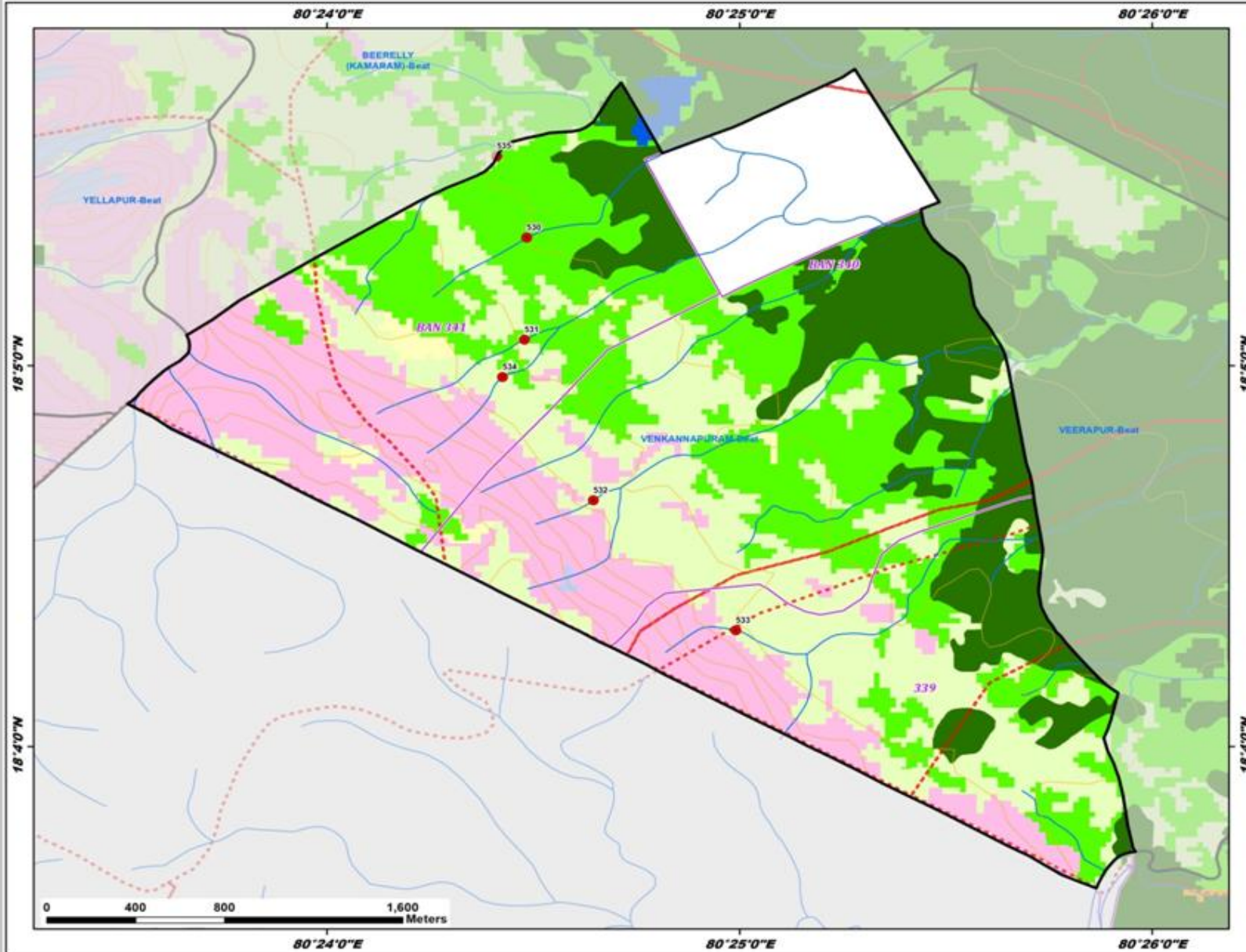
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Map Showing Suitability index for Construction of SMC Works of Venkannapuram Beat



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
530	18.088938	80.408069	29.01	III
531	18.084469	80.407981	19.36	IV
532	18.077440	80.410760	7.73	IV
533	18.071755	80.416514	8.48	IV
534	18.082833	80.407092	10.75	IV
535	18.092498	80.406853	51.05	V

Legend

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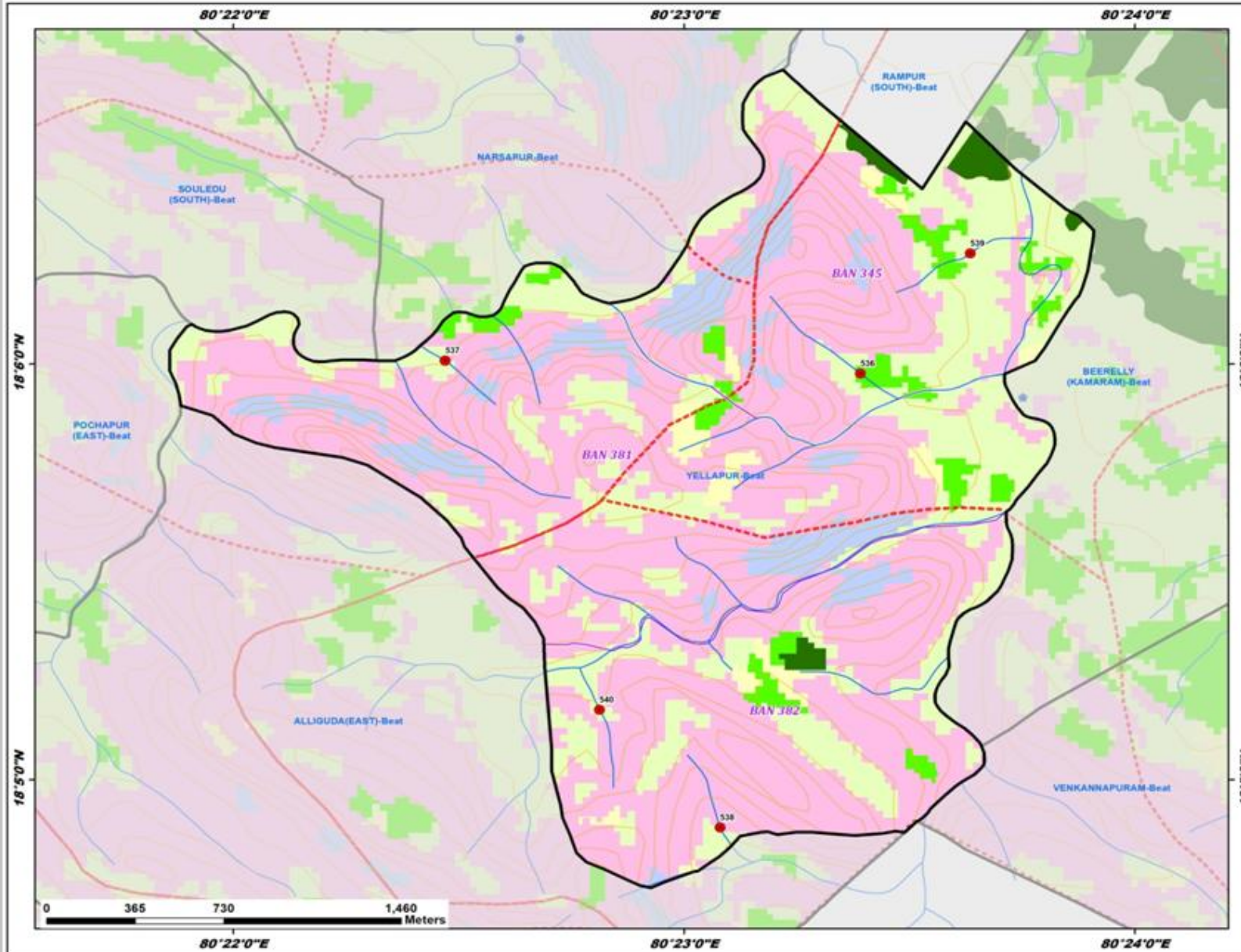
Suitability Index

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



Division : Tadvai
Range : Tadvai



ID	Latitude	Longitude	Catchment Area_Ha	Priority
536	18.099613	80.389862	28.54	III
537	18.100133	80.374507	6.13	IV
538	18.081421	80.384669	20.24	IV
539	18.104433	80.393916	11.53	IV
540	18.086144	80.380208	15.33	IV

Legend

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